284 Sheffield Street, Mountainside NJ 07092 Tel. 908-789-8900 Fax: 908-789-8922

DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following " Results Qualifiers" are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10 U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value**.** This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This is flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as "12 B".
E	Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

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LAB CHRONICLE

OrderID:	Q1268	**OrderDate:**	1/31/2025 2:53:00 PM
Client:	Chemtech Consulting Group	**Project:**	Weekly Storage Blanks
Contact:	QA Officer	**Location:**	D11,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1268-01	**Storage-Blank-SOIL-REF-6**	**Water**			**01/31/25**			**01/31/25**
			VOC- Chemtech Full	8260-Low			02/05/25	
Q1268-02	**Storage-Blank-WATER-REF-5**	**Water**			**01/31/25**			**01/31/25**
			VOC- Chemtech Full	8260-Low			02/05/25	
Q1268-03	**Storage-Blank-WATER-REF-4**	**Water**			**01/31/25**			**01/31/25**
			VOC- Chemtech Full	8260-Low			02/05/25	
Q1268-04	**Storage-Blank-SAMPLE-MANAGEMENT**	**Water**			**01/31/25**			**01/31/25**
			VOC- Chemtech Full	8260-Low			02/05/25	

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Hit Summary Sheet
SW-846

SDG No.: Q1268

Client: Chemtech Consulting Group

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units

Client ID:

0

Total Voc :

Total Concentration:

QC SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Surrogate Summary

SDG No.: Q1268

Client: Chemtech Consulting Group

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits Low	Limits High
Q1268-01	Storage-Blank-SOIL-REF-6	1,2-Dichloroethane-d4	50	47.4	95	74	125
		Dibromofluoromethane	50	50.9	102	75	124
		Toluene-d8	50	54.6	109	86	113
		4-Bromofluorobenzene	50	48.9	98	77	121
Q1268-02	Storage-Blank-WATER-REF-5	1,2-Dichloroethane-d4	50	49.1	98	74	125
		Dibromofluoromethane	50	50.5	101	75	124
		Toluene-d8	50	54.7	109	86	113
		4-Bromofluorobenzene	50	48.7	97	77	121
Q1268-03	Storage-Blank-WATER-REF-4	1,2-Dichloroethane-d4	50	48.7	97	74	125
		Dibromofluoromethane	50	48.3	97	75	124
		Toluene-d8	50	54.0	108	86	113
		4-Bromofluorobenzene	50	49.6	99	77	121
Q1268-04	Storage-Blank-SAMPLE-MANAGEME	1,2-Dichloroethane-d4	50	49.0	98	74	125
		Dibromofluoromethane	50	49.3	99	75	124
		Toluene-d8	50	53.8	108	86	113
		4-Bromofluorobenzene	50	48.3	97	77	121
VX0205WBL01	VX0205WBL01	1,2-Dichloroethane-d4	50	46.5	93	74	125
		Dibromofluoromethane	50	48.5	97	75	124
		Toluene-d8	50	52.9	106	86	113
		4-Bromofluorobenzene	50	50.7	101	77	121
VX0205WBS02	VX0205WBS02	1,2-Dichloroethane-d4	50	46.8	94	74	125
		Dibromofluoromethane	50	50.4	101	75	124
		Toluene-d8	50	53.7	107	86	113
		4-Bromofluorobenzene	50	48.3	97	77	121

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1268

Client: Chemtech Consulting Group

Analytical Method: SW8260-Low **Datafile :** VX044838.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0205WBS02	Dichlorodifluoromethane	20	18.6	ug/L	93			69	116	
	Chloromethane	20	20.1	ug/L	101			65	116	
	Vinyl chloride	20	20.0	ug/L	100			65	117	
	Ethyl Acetate	20	22.8	ug/L	114			75	115	
	Bromomethane	20	25.5	ug/L	128		*	58	125	
	Chloroethane	20	56.8	ug/L	284		*	56	128	
	Trichlorofluoromethane	20	24.6	ug/L	123		*	73	115	
	1,1,2-Trichlorotrifluoroethane	20	20.9	ug/L	104			80	112	
	Tert butyl alcohol	100	90.5	ug/L	91			73	124	
	1,1-Dichloroethene	20	21.4	ug/L	107			74	110	
	Acrolein	100	87.4	ug/L	87			51	143	
	Acrylonitrile	100	120	ug/L	120		*	73	113	
	Acetone	100	100	ug/L	100			60	125	
	Carbon disulfide	20	19.0	ug/L	95			64	112	
	Methyl tert-butyl Ether	20	19.6	ug/L	98			78	114	
	Methyl Acetate	20	23.8	ug/L	119			67	125	
	Methylene Chloride	20	20.5	ug/L	103			72	114	
	trans-1,2-Dichloroethene	20	19.4	ug/L	97			75	108	
	Vinyl Acetate	100	100	ug/L	100			76	115	
	1,1-Dichloroethane	20	20.5	ug/L	103			78	112	
	Cyclohexane	20	23.1	ug/L	116		*	75	110	
	2-Butanone	100	110	ug/L	110			65	122	
	Carbon Tetrachloride	20	18.5	ug/L	93			77	113	
	2,2-Dichloropropane	20	17.7	ug/L	89			75	116	
	cis-1,2-Dichloroethene	20	19.9	ug/L	100			77	110	
	Bromochloromethane	20	20.3	ug/L	102			70	124	
	Chloroform	20	20.3	ug/L	102			79	113	
	1,1,1-Trichloroethane	20	18.6	ug/L	93			80	108	
	Methylcyclohexane	20	20.4	ug/L	102			72	115	
	1,1-Dichloropropene	20	20.4	ug/L	102			79	110	
	Benzene	20	21.4	ug/L	107			82	109	
	1,2-Dichloroethane	20	19.1	ug/L	96			80	115	
	Trichloroethene	20	20.2	ug/L	101			77	113	
	1,2-Dichloropropane	20	21.7	ug/L	109			83	111	
	Dibromomethane	20	19.7	ug/L	99			82	110	
	Bromodichloromethane	20	18.8	ug/L	94			83	110	
	4-Methyl-2-Pentanone	100	120	ug/L	120		*	74	118	
	Toluene	20	21.3	ug/L	106			82	110	
	t-1,3-Dichloropropene	20	18.1	ug/L	91			79	110	
	cis-1,3-Dichloropropene	20	19.2	ug/L	96			82	110	
	1,1,2-Trichloroethane	20	20.7	ug/L	104			83	112	
	1,3-Dichloropropane	20	21.6	ug/L	108			83	111	
	2-Chloroethyl vinyl ether	100	93.4	ug/L	93			75	124	
	2-Hexanone	100	120	ug/L	120		*	73	117	
	Dibromochloromethane	20	18.4	ug/L	92			82	110	
	1,2-Dibromoethane	20	20.4	ug/L	102			81	110	
	Tetrachloroethene	20	20.5	ug/L	103			67	123	
	Chlorobenzene	20	20.7	ug/L	104			82	109	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1268

Client: Chemtech Consulting Group

Analytical Method: SW8260-Low **Datafile :** VX044838.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0205WBS02	1,1,1,2-Tetrachloroethane	20	18.6	ug/L	93			84	111	
	Hexachloroethane	20	17.1	ug/L	86			80	113	
	Ethyl Benzene	20	21.0	ug/L	105			83	109	
	m/p-Xylenes	40	42.6	ug/L	106			82	110	
	o-Xylene	20	20.7	ug/L	104			83	109	
	Styrene	20	20.9	ug/L	104			80	111	
	Bromoform	20	17.0	ug/L	85			79	109	
	Isopropylbenzene	20	20.3	ug/L	102			83	112	
	1,1,2,2-Tetrachloroethane	20	20.6	ug/L	103			76	118	
	1,2,3-Trichloropropane	20	18.9	ug/L	95			75	112	
	Bromobenzene	20	19.7	ug/L	99			77	116	
	N-propylbenzene	20	21.2	ug/L	106			83	112	
	2-Chlorotoluene	20	20.2	ug/L	101			83	110	
	1,3,5-Trimethylbenzene	20	20.6	ug/L	103			85	112	
	4-Chlorotoluene	20	20.2	ug/L	101			82	110	
	tert-Butylbenzene	20	20.0	ug/L	100			83	112	
	1,2,4-Trimethylbenzene	20	20.4	ug/L	102			85	111	
	Sec-butylbenzene	20	21.3	ug/L	106			81	114	
	p-Isopropyltoluene	20	20.8	ug/L	104			78	116	
	1,3-Dichlorobenzene	20	20.9	ug/L	104			82	108	
	1,4-Dichlorobenzene	20	20.1	ug/L	101			82	107	
	n-Butylbenzene	20	20.9	ug/L	104			75	115	
	1,2-Dichlorobenzene	20	20.4	ug/L	102			82	109	
	1,2-Dibromo-3-Chloropropane	20	15.6	ug/L	78			68	112	
	1,2,4-Trichlorobenzene	20	19.1	ug/L	96			75	113	
	Hexachlorobutadiene	20	18.9	ug/L	95			81	121	
	Naphthalene	20	19.2	ug/L	96			78	119	
	1,2,3-Trichlorobenzene	20	18.9	ug/L	95			76	114	

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VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VX0205WBL01

Lab Name: CHEMTECH Contract: CHEM02

Lab Code: CHEM Case No.: Q1268 SAS No.: Q1268 SDG NO.: Q1268

Lab File ID: VX044835.D Lab Sample ID: VX0205WBL01

Date Analyzed: 02/05/2025 Time Analyzed: 10:41

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

Instrument ID: MSVOA_X

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VX0205WBS02	VX0205WBS02	VX044838.D	02/05/2025
Storage-Blank-WATER-REF-4	Q1268-03	VX044839.D	02/05/2025
Storage-Blank-SAMPLE-MANAGEMENT	Q1268-04	VX044840.D	02/05/2025
Storage-Blank-SOIL-REF-6	Q1268-01	VX044842.D	02/05/2025
Storage-Blank-WATER-REF-5	Q1268-02	VX044843.D	02/05/2025

COMMENTS:

Raw Data: **VX044647.D**

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: CHEM02

Lab Code: CHEM Case No.: Q1268 SAS No.: Q1268 SDG NO.: Q1268

Lab File ID: VX044647.D BFB Injection Date: 01/15/2025

Instrument ID: MSVOA_X BFB Injection Time: 09:30

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

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	18.6
75	30.0 - 60.0% of mass 95	50.2
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	0.6 (0.9) 1
174	50.0 - 100.0% of mass 95	67.1
175	5.0 - 9.0% of mass 174	4.9 (7.3) 1
176	95.0 - 101.0% of mass 174	64.4 (96) 1
177	5.0 - 9.0% of mass 176	4.3 (6.8) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC001	VSTDICC001	VX044648.D	01/15/2025	10:31
VSTDICC005	VSTDICC005	VX044649.D	01/15/2025	11:17
VSTDICC020	VSTDICC020	VX044650.D	01/15/2025	11:40
VSTDICCC050	VSTDICCC050	VX044651.D	01/15/2025	12:02
VSTDICC100	VSTDICC100	VX044652.D	01/15/2025	13:14
VSTDICC150	VSTDICC150	VX044653.D	01/15/2025	13:37

Raw Data: **VX044832.D**

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: CHEM02

Lab Code: CHEM Case No.: Q1268 SAS No.: Q1268 SDG NO.: Q1268

Lab File ID: VX044832.D BFB Injection Date: 02/05/2025

Instrument ID: MSVOA_X BFB Injection Time: 08:02

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

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	19.3
75	30.0 - 60.0% of mass 95	51.2
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	7
173	Less than 2.0% of mass 174	0.6 (0.8) 1
174	50.0 - 100.0% of mass 95	76.3
175	5.0 - 9.0% of mass 174	5.5 (7.3) 1
176	95.0 - 101.0% of mass 174	73.1 (95.8) 1
177	5.0 - 9.0% of mass 176	4.8 (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:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VX044833.D	02/05/2025	09:51
VX0205WBL01	VX0205WBL01	VX044835.D	02/05/2025	10:41
VX0205WBS02	VX0205WBS02	VX044838.D	02/05/2025	13:08
Storage-Blank-WATER-REF-4	Q1268-03	VX044839.D	02/05/2025	13:31
Storage-Blank-SAMPLE-MANAGEMENT	Q1268-04	VX044840.D	02/05/2025	13:54
Storage-Blank-SOIL-REF-6	Q1268-01	VX044842.D	02/05/2025	14:40
Storage-Blank-WATER-REF-5	Q1268-02	VX044843.D	02/05/2025	15:04

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: CHEM02

Lab Code: CHEM Case No.: Q1268 SAS No.: Q1268 SDG NO.: Q1268

Lab File ID: VX044833.D Date Analyzed: 02/05/2025

Instrument ID: MSVOA_X Time Analyzed: 09:51

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

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	130213	5.54	238329	6.75	208039	10.05
UPPER LIMIT	260426	6.044	476658	7.251	416078	10.549
LOWER LIMIT	65106.5	5.044	119165	6.251	104020	9.549
EPA SAMPLE NO.						
Storage-Blank-SOIL-REF-6	97156	5.54	190573	6.76	169809	10.05
Storage-Blank-WATER-REF-5	96878	5.54	194124	6.76	173214	10.05
Storage-Blank-WATER-REF-4	96670	5.55	198256	6.76	178932	10.05
Storage-Blank-SAMPLE-MANAGEMEN	102583	5.54	210319	6.76	189996	10.05
VX0205WBL01	112270	5.54	224960	6.76	207732	10.05
VX0205WBS02	125997	5.55	229924	6.76	199881	10.05

IS1 = Pentafluorobenzene
IS2 = 1,4-Difluorobenzene
IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: CHEM02

Lab Code: CHEM Case No.: Q1268 SAS No.: Q1268 SDG NO.: Q1268

Lab File ID: VX044833.D Date Analyzed: 02/05/2025

Instrument ID: MSVOA_X Time Analyzed: 09:51

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

	IS4 AREA #	RT #				
12 HOUR STD	92963	12.018				
UPPER LIMIT	185926	12.518				
LOWER LIMIT	46481.5	11.518				
EPA SAMPLE NO.						
Storage-Blank-SOIL-REF-6	67577	12.02				
Storage-Blank-WATER-REF-5	68345	12.02				
Storage-Blank-WATER-REF-4	76428	12.02				
Storage-Blank-SAMPLE-MANAGEME	77528	12.02				
VX0205WBL01	90416	12.02				
VX0205WBS02	86992	12.02				

IS4 = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

SAMPLE DATA

Raw Data: **VX044842.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	01/31/25
Project:	Weekly Storage Blanks	Date Received:	01/31/25
Client Sample ID:	Storage-Blank-SOIL-REF-6	SDG No.:	Q1268
Lab Sample ID:	Q1268-01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044842.D	1		02/05/25 14:40	VX020525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.21	U	0.21	1.00	ug/L
74-87-3	Chloromethane	0.35	U	0.35	1.00	ug/L
75-01-4	Vinyl Chloride	0.34	U	0.34	1.00	ug/L
141-78-6	Ethyl Acetate	0.38	U	0.38	1.00	ug/L
74-83-9	Bromomethane	1.40	UQ	1.40	5.00	ug/L
75-00-3	Chloroethane	0.56	UQ	0.56	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.34	UQ	0.34	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	1.00	ug/L
75-65-0	Tert butyl alcohol	5.60	U	5.60	25.0	ug/L
75-35-4	1,1-Dichloroethene	0.26	U	0.26	1.00	ug/L
107-02-8	Acrolein	6.70	U	6.70	25.0	ug/L
107-13-1	Acrylonitrile	0.90	UQ	0.90	5.00	ug/L
67-64-1	Acetone	1.40	U	1.40	5.00	ug/L
75-15-0	Carbon Disulfide	0.32	U	0.32	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	0.60	U	0.60	1.00	ug/L
75-09-2	Methylene Chloride	0.32	U	0.32	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.25	U	0.25	1.00	ug/L
108-05-4	Vinyl Acetate	0.71	U	0.71	5.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	1.60	UQ	1.60	5.00	ug/L
78-93-3	2-Butanone	1.30	U	1.30	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
594-20-7	2,2-Dichloropropane	0.31	U	0.31	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.25	U	0.25	1.00	ug/L
74-97-5	Bromochloromethane	0.18	U	0.18	1.00	ug/L
67-66-3	Chloroform	0.26	U	0.26	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.19	U	0.19	1.00	ug/L
108-87-2	Methylcyclohexane	0.19	U	0.19	1.00	ug/L
563-58-6	1,1-Dichloropropene	0.18	U	0.18	1.00	ug/L

Raw Data: **VX044842.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	01/31/25
Project:	Weekly Storage Blanks	Date Received:	01/31/25
Client Sample ID:	Storage-Blank-SOIL-REF-6	SDG No.:	Q1268
Lab Sample ID:	Q1268-01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044842.D	1		02/05/25 14:40	VX020525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
71-43-2	Benzene	0.16	U	0.16	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.24	U	0.24	1.00	ug/L
79-01-6	Trichloroethene	0.32	U	0.32	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.19	U	0.19	1.00	ug/L
74-95-3	Dibromomethane	0.23	U	0.23	1.00	ug/L
75-27-4	Bromodichloromethane	0.24	U	0.24	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.75	UQ	0.75	5.00	ug/L
108-88-3	Toluene	0.18	U	0.18	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	0.21	U	0.21	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.18	U	0.18	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
142-28-9	1,3-Dichloropropane	0.17	U	0.17	1.00	ug/L
110-75-8	2-Chloroethyl Vinyl ether	1.80	U	1.80	5.00	ug/L
591-78-6	2-Hexanone	1.10	UQ	1.10	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.16	U	0.16	1.00	ug/L
127-18-4	Tetrachloroethene	0.25	U	0.25	1.00	ug/L
108-90-7	Chlorobenzene	0.13	U	0.13	1.00	ug/L
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.00	ug/L
67-72-1	Hexachloroethane	0	U	0	0	ug/L
100-41-4	Ethyl Benzene	0.16	U	0.16	1.00	ug/L
179601-23-1	m/p-Xylenes	0.31	U	0.31	2.00	ug/L
95-47-6	o-Xylene	0.14	U	0.14	1.00	ug/L
100-42-5	Styrene	0.16	U	0.16	1.00	ug/L
75-25-2	Bromoform	0.21	U	0.21	1.00	ug/L
98-82-8	Isopropylbenzene	0.13	U	0.13	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.27	U	0.27	1.00	ug/L
96-18-4	1,2,3-Trichloropropane	0.39	U	0.39	1.00	ug/L
108-86-1	Bromobenzene	0.26	U	0.26	1.00	ug/L
103-65-1	n-propylbenzene	0.14	U	0.14	1.00	ug/L
95-49-8	2-Chlorotoluene	0.16	U	0.16	1.00	ug/L

Raw Data: **VX044842.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	01/31/25
Project:	Weekly Storage Blanks	Date Received:	01/31/25
Client Sample ID:	Storage-Blank-SOIL-REF-6	SDG No.:	Q1268
Lab Sample ID:	Q1268-01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044842.D	1		02/05/25 14:40	VX020525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-67-8	1,3,5-Trimethylbenzene	0.18	U	0.18	1.00	ug/L
106-43-4	4-Chlorotoluene	0.18	U	0.18	1.00	ug/L
98-06-6	tert-Butylbenzene	0.17	U	0.17	1.00	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.18	U	0.18	1.00	ug/L
135-98-8	sec-Butylbenzene	0.17	U	0.17	1.00	ug/L
99-87-6	p-Isopropyltoluene	0.15	U	0.15	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.24	U	0.24	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.27	U	0.27	1.00	ug/L
104-51-8	n-Butylbenzene	0.22	U	0.22	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	0.46	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.42	U	0.42	1.00	ug/L
87-68-3	Hexachlorobutadiene	0.31	U	0.31	1.00	ug/L
91-20-3	Naphthalene	0.59	U	0.59	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.51	U	0.51	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	47.4		74 - 125	95%	SPK: 50
1868-53-7	Dibromofluoromethane	50.9		75 - 124	102%	SPK: 50
2037-26-5	Toluene-d8	54.6		86 - 113	109%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.9		77 - 121	98%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	97200	5.544			
540-36-3	1,4-Difluorobenzene	191000	6.757			
3114-55-4	Chlorobenzene-d5	170000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	67600	12.018			

Raw Data: **VX044842.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	01/31/25
Project:	Weekly Storage Blanks	Date Received:	01/31/25
Client Sample ID:	Storage-Blank-SOIL-REF-6	SDG No.:	Q1268
Lab Sample ID:	Q1268-01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044842.D	1		02/05/25 14:40	VX020525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020525\
Data File : VX044842.D
Acq On : 05 Feb 2025 14:40
Operator : JC/MD
Sample : Q1268-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

Quant Time: Feb 06 04:39:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 16 01:16:09 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	97156	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	190573	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	169809	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	67577	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	69558	47.431	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 94.860%			
35) Dibromofluoromethane	5.379	113	61570	50.856	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.720%			
50) Toluene-d8	8.647	98	230475	54.597	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.200%			
62) 4-Bromofluorobenzene	11.079	95	76921	48.879	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 97.760%			
Target Compounds						Qvalue

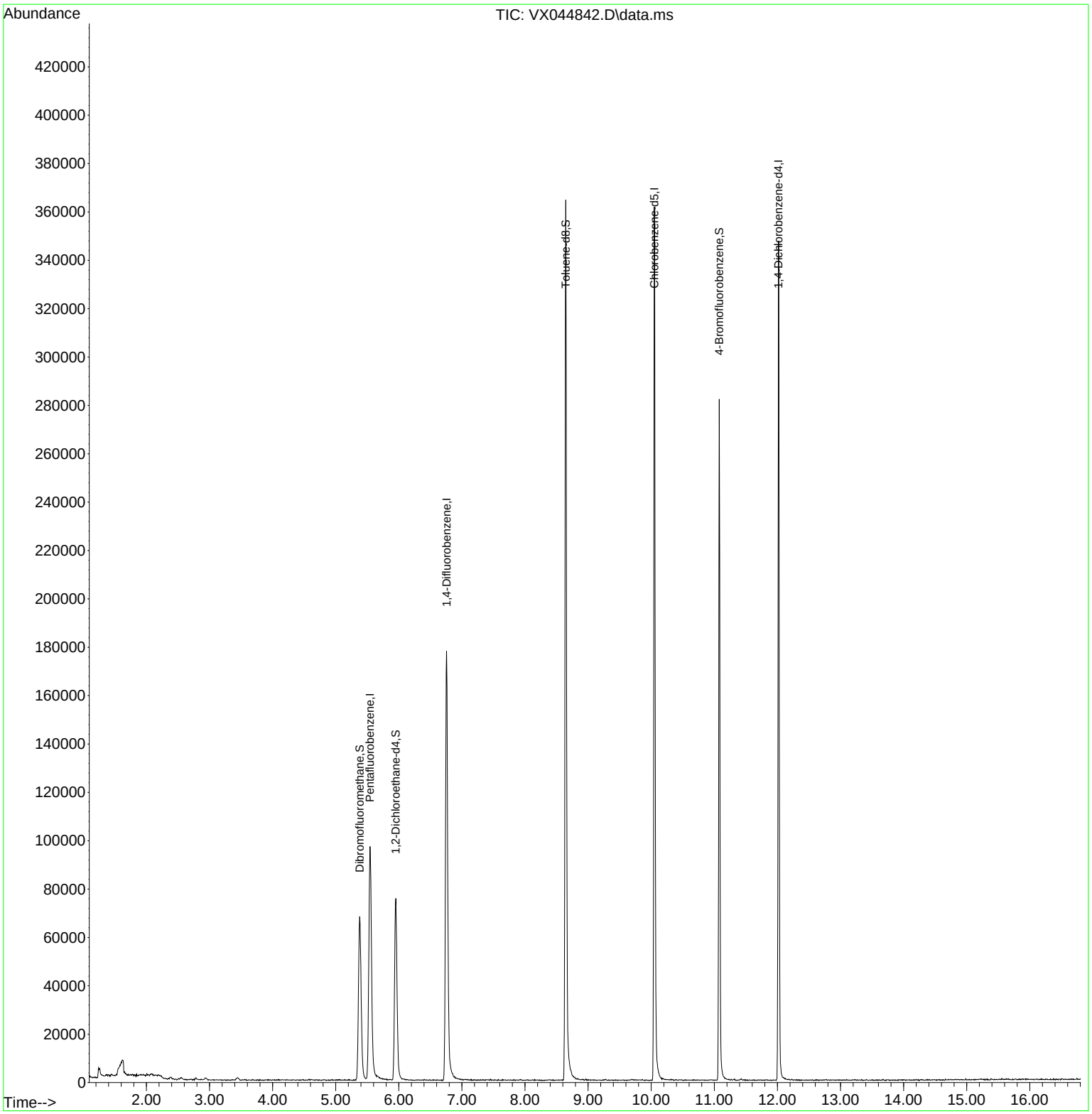
(#) = qualifier out of range (m) = manual integration (+) = signals summed

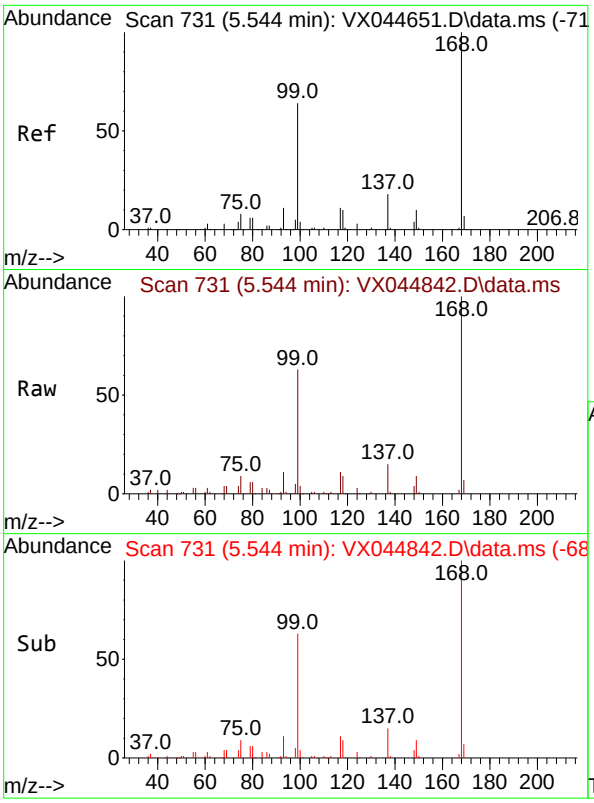
Sample Results: **VX044842.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020525\
Data File : VX044842.D
Acq On : 05 Feb 2025 14:40
Operator : JC/MD
Sample : Q1268-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

Quant Time: Feb 06 04:39:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 16 01:16:09 2025
Response via : Initial Calibration



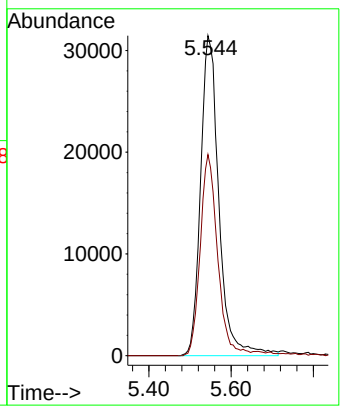


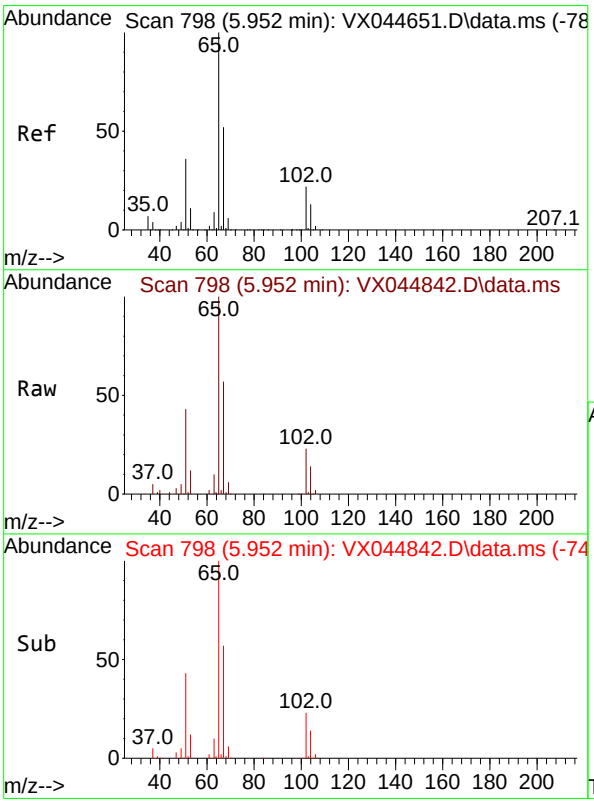
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX044842.D
Acq: 05 Feb 2025 14:40

Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

Tgt Ion:168 Resp: 97156

Ion	Ratio	Lower	Upper
168	100		
99	62.8	51.1	76.7

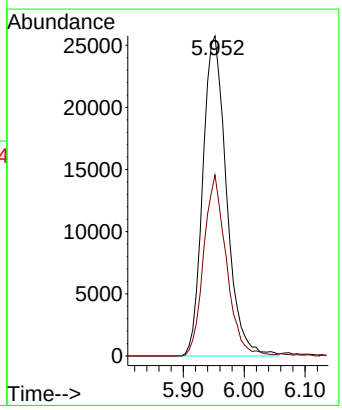


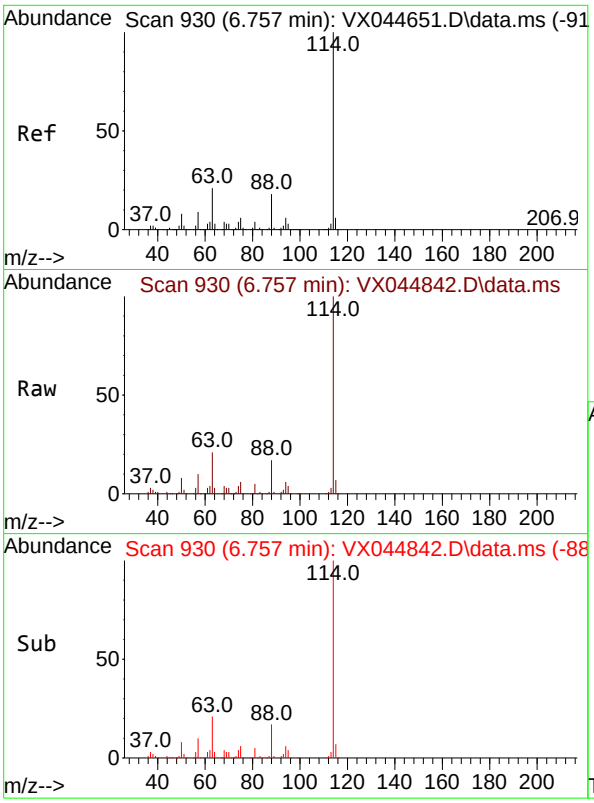


#33
1,2-Dichloroethane-d4
Concen: 47.431 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX044842.D
Acq: 05 Feb 2025 14:40

Tgt Ion: 65 Resp: 69558

Ion	Ratio	Lower	Upper
65	100		
67	54.3	0.0	103.4



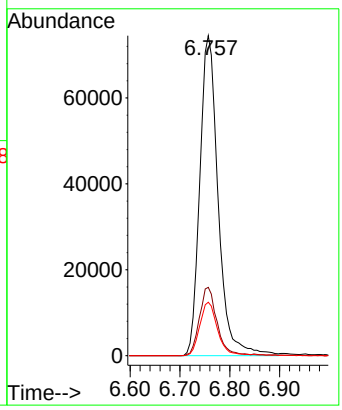


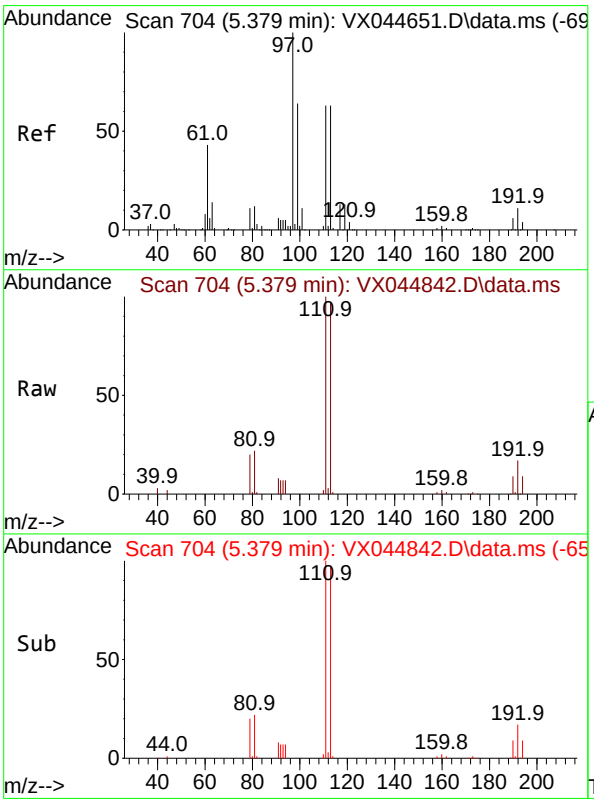
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX044842.D
Acq: 05 Feb 2025 14:40

Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

Tgt Ion:114 Resp: 190573

Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	43.0
88	16.7	0.0	35.4

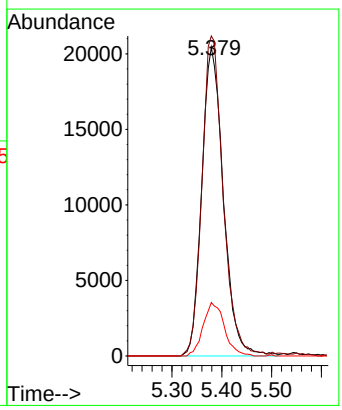


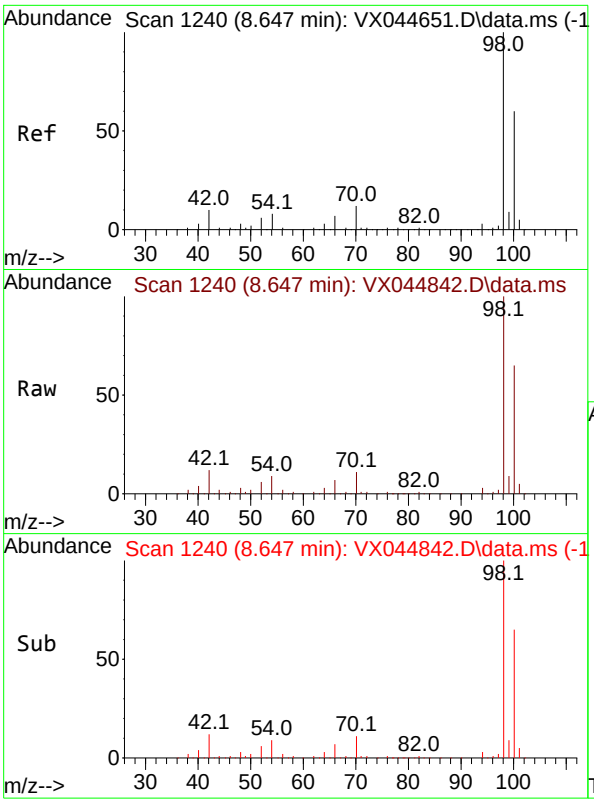


#35
Dibromofluoromethane
Concen: 50.856 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX044842.D
Acq: 05 Feb 2025 14:40

Tgt Ion:113 Resp: 61570

Ion	Ratio	Lower	Upper
113	100		
111	101.2	81.6	122.4
192	17.0	14.4	21.6



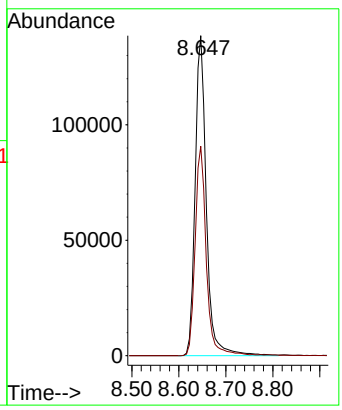


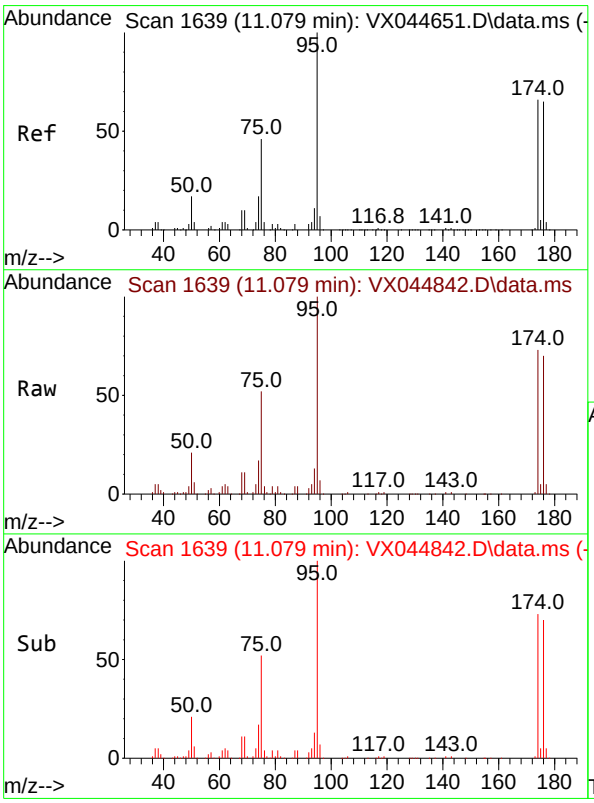
#50
Toluene-d8
Concen: 54.597 ug/l
RT: 8.647 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044842.D
Acq: 05 Feb 2025 14:40

Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

Tgt Ion: 98 Resp: 230475

Ion	Ratio	Lower	Upper
98	100		
100	65.6	53.2	79.8

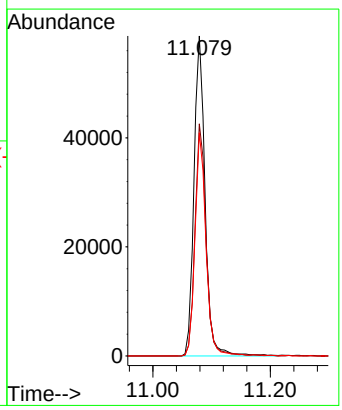


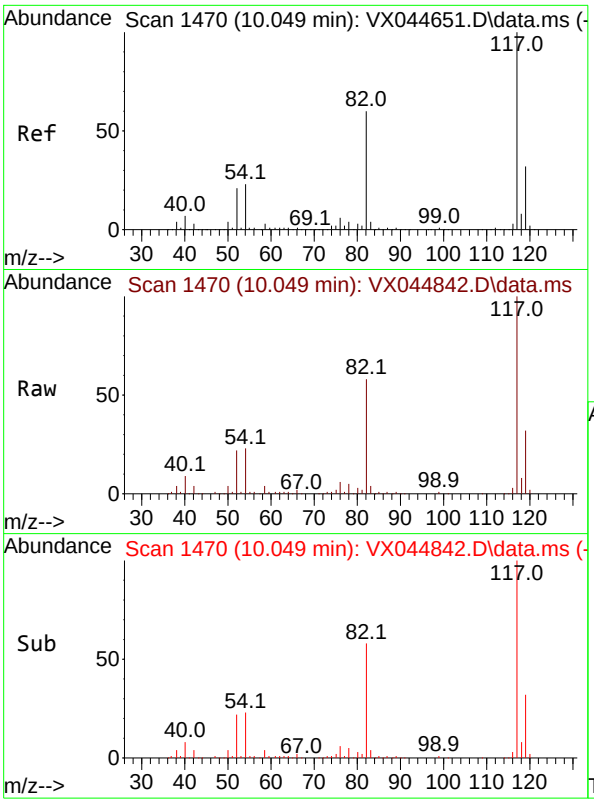


#62
4-Bromofluorobenzene
Concen: 48.879 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044842.D
Acq: 05 Feb 2025 14:40

Tgt Ion: 95 Resp: 76921

Ion	Ratio	Lower	Upper
95	100		
174	72.6	0.0	133.0
176	68.8	0.0	129.4



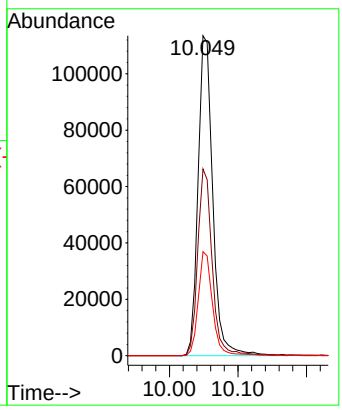


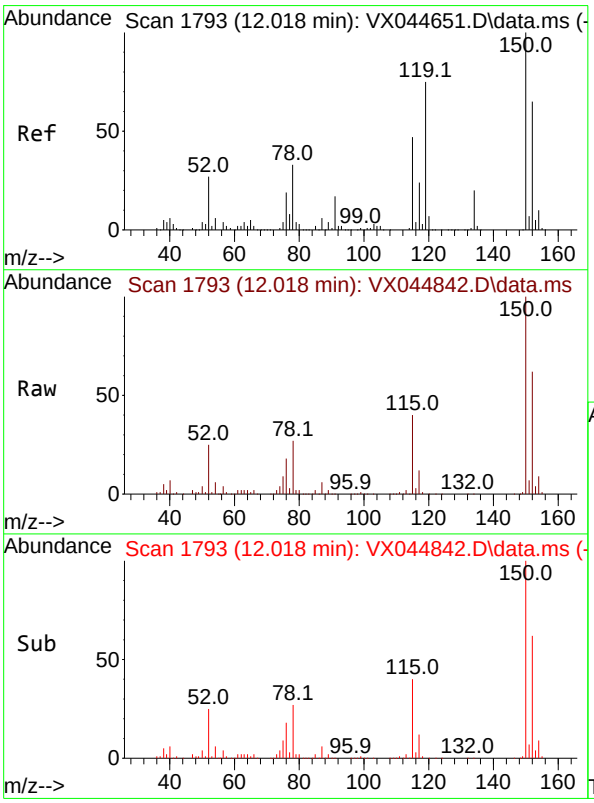
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX044842.D
Acq: 05 Feb 2025 14:40

Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

Tgt Ion:117 Resp: 169809

Ion	Ratio	Lower	Upper
117	100		
82	58.3	47.6	71.4
119	32.5	25.4	38.2

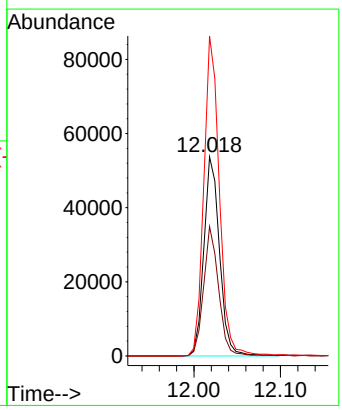




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX044842.D
Acq: 05 Feb 2025 14:40

Tgt Ion:152 Resp: 67577

Ion	Ratio	Lower	Upper
152	100		
115	62.3	43.8	131.4
150	160.1	0.0	347.8



Raw Data: **VX044843.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	01/31/25
Project:	Weekly Storage Blanks	Date Received:	01/31/25
Client Sample ID:	Storage-Blank-WATER-REF-5	SDG No.:	Q1268
Lab Sample ID:	Q1268-02	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044843.D	1		02/05/25 15:04	VX020525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.21	U	0.21	1.00	ug/L
74-87-3	Chloromethane	0.35	U	0.35	1.00	ug/L
75-01-4	Vinyl Chloride	0.34	U	0.34	1.00	ug/L
141-78-6	Ethyl Acetate	0.38	U	0.38	1.00	ug/L
74-83-9	Bromomethane	1.40	UQ	1.40	5.00	ug/L
75-00-3	Chloroethane	0.56	UQ	0.56	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.34	UQ	0.34	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	1.00	ug/L
75-65-0	Tert butyl alcohol	5.60	U	5.60	25.0	ug/L
75-35-4	1,1-Dichloroethene	0.26	U	0.26	1.00	ug/L
107-02-8	Acrolein	6.70	U	6.70	25.0	ug/L
107-13-1	Acrylonitrile	0.90	UQ	0.90	5.00	ug/L
67-64-1	Acetone	1.40	U	1.40	5.00	ug/L
75-15-0	Carbon Disulfide	0.32	U	0.32	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	0.60	U	0.60	1.00	ug/L
75-09-2	Methylene Chloride	0.32	U	0.32	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.25	U	0.25	1.00	ug/L
108-05-4	Vinyl Acetate	0.71	U	0.71	5.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	1.60	UQ	1.60	5.00	ug/L
78-93-3	2-Butanone	1.30	U	1.30	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
594-20-7	2,2-Dichloropropane	0.31	U	0.31	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.25	U	0.25	1.00	ug/L
74-97-5	Bromochloromethane	0.18	U	0.18	1.00	ug/L
67-66-3	Chloroform	0.26	U	0.26	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.19	U	0.19	1.00	ug/L
108-87-2	Methylcyclohexane	0.19	U	0.19	1.00	ug/L
563-58-6	1,1-Dichloropropene	0.18	U	0.18	1.00	ug/L

Raw Data: **VX044843.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	01/31/25
Project:	Weekly Storage Blanks	Date Received:	01/31/25
Client Sample ID:	Storage-Blank-WATER-REF-5	SDG No.:	Q1268
Lab Sample ID:	Q1268-02	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044843.D	1		02/05/25 15:04	VX020525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
71-43-2	Benzene	0.16	U	0.16	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.24	U	0.24	1.00	ug/L
79-01-6	Trichloroethene	0.32	U	0.32	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.19	U	0.19	1.00	ug/L
74-95-3	Dibromomethane	0.23	U	0.23	1.00	ug/L
75-27-4	Bromodichloromethane	0.24	U	0.24	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.75	UQ	0.75	5.00	ug/L
108-88-3	Toluene	0.18	U	0.18	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	0.21	U	0.21	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.18	U	0.18	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
142-28-9	1,3-Dichloropropane	0.17	U	0.17	1.00	ug/L
110-75-8	2-Chloroethyl Vinyl ether	1.80	U	1.80	5.00	ug/L
591-78-6	2-Hexanone	1.10	UQ	1.10	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.16	U	0.16	1.00	ug/L
127-18-4	Tetrachloroethene	0.25	U	0.25	1.00	ug/L
108-90-7	Chlorobenzene	0.13	U	0.13	1.00	ug/L
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.00	ug/L
67-72-1	Hexachloroethane	0	U	0	0	ug/L
100-41-4	Ethyl Benzene	0.16	U	0.16	1.00	ug/L
179601-23-1	m/p-Xylenes	0.31	U	0.31	2.00	ug/L
95-47-6	o-Xylene	0.14	U	0.14	1.00	ug/L
100-42-5	Styrene	0.16	U	0.16	1.00	ug/L
75-25-2	Bromoform	0.21	U	0.21	1.00	ug/L
98-82-8	Isopropylbenzene	0.13	U	0.13	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.27	U	0.27	1.00	ug/L
96-18-4	1,2,3-Trichloropropane	0.39	U	0.39	1.00	ug/L
108-86-1	Bromobenzene	0.26	U	0.26	1.00	ug/L
103-65-1	n-propylbenzene	0.14	U	0.14	1.00	ug/L
95-49-8	2-Chlorotoluene	0.16	U	0.16	1.00	ug/L

Raw Data: **VX044843.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	01/31/25
Project:	Weekly Storage Blanks	Date Received:	01/31/25
Client Sample ID:	Storage-Blank-WATER-REF-5	SDG No.:	Q1268
Lab Sample ID:	Q1268-02	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044843.D	1		02/05/25 15:04	VX020525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-67-8	1,3,5-Trimethylbenzene	0.18	U	0.18	1.00	ug/L
106-43-4	4-Chlorotoluene	0.18	U	0.18	1.00	ug/L
98-06-6	tert-Butylbenzene	0.17	U	0.17	1.00	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.18	U	0.18	1.00	ug/L
135-98-8	sec-Butylbenzene	0.17	U	0.17	1.00	ug/L
99-87-6	p-Isopropyltoluene	0.15	U	0.15	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.24	U	0.24	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.27	U	0.27	1.00	ug/L
104-51-8	n-Butylbenzene	0.22	U	0.22	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	0.46	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.42	U	0.42	1.00	ug/L
87-68-3	Hexachlorobutadiene	0.31	U	0.31	1.00	ug/L
91-20-3	Naphthalene	0.59	U	0.59	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.51	U	0.51	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	49.1		74 - 125	98%	SPK: 50
1868-53-7	Dibromofluoromethane	50.5		75 - 124	101%	SPK: 50
2037-26-5	Toluene-d8	54.7		86 - 113	109%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.7		77 - 121	97%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	96900	5.544			
540-36-3	1,4-Difluorobenzene	194000	6.757			
3114-55-4	Chlorobenzene-d5	173000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	68300	12.018			

Raw Data: **VX044843.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	01/31/25
Project:	Weekly Storage Blanks	Date Received:	01/31/25
Client Sample ID:	Storage-Blank-WATER-REF-5	SDG No.:	Q1268
Lab Sample ID:	Q1268-02	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044843.D	1		02/05/25 15:04	VX020525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020525\
Data File : VX044843.D
Acq On : 05 Feb 2025 15:04
Operator : JC/MD
Sample : Q1268-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-5

Quant Time: Feb 06 04:39:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 16 01:16:09 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	96878	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	194124	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	173214	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	68345	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	71740	49.060	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 98.120%			
35) Dibromofluoromethane	5.379	113	62279	50.500	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.000%			
50) Toluene-d8	8.647	98	235058	54.664	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.320%			
62) 4-Bromofluorobenzene	11.079	95	78029	48.676	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 97.360%			
Target Compounds						Qvalue

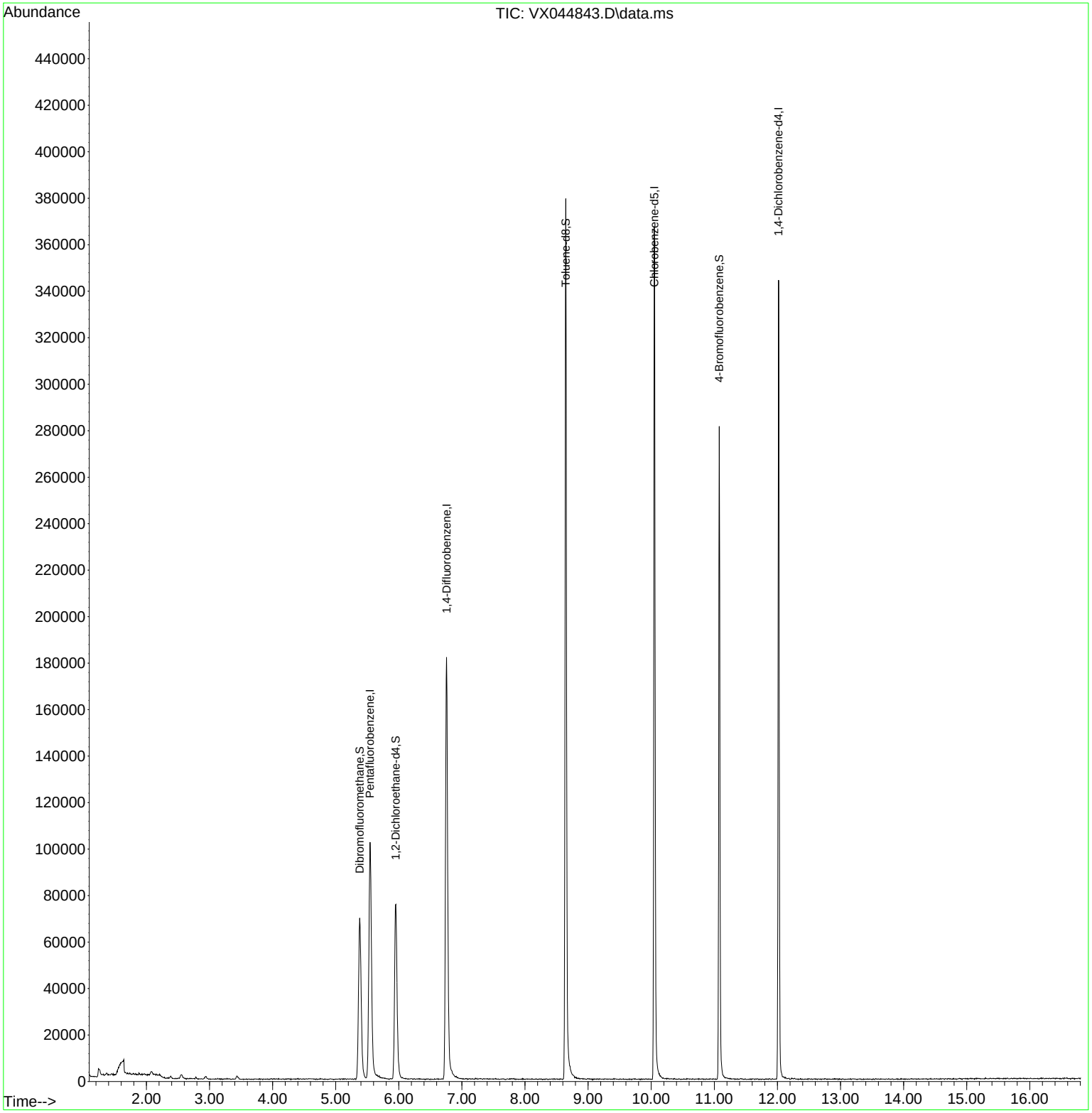
(#) = qualifier out of range (m) = manual integration (+) = signals summed

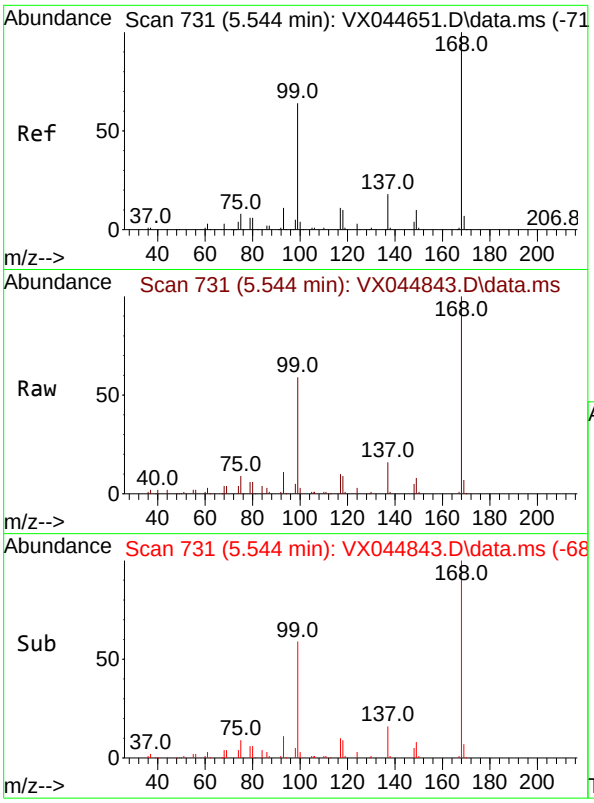
Sample Results: **VX044843.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020525\
Data File : VX044843.D
Acq On : 05 Feb 2025 15:04
Operator : JC/MD
Sample : Q1268-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-5

Quant Time: Feb 06 04:39:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 16 01:16:09 2025
Response via : Initial Calibration



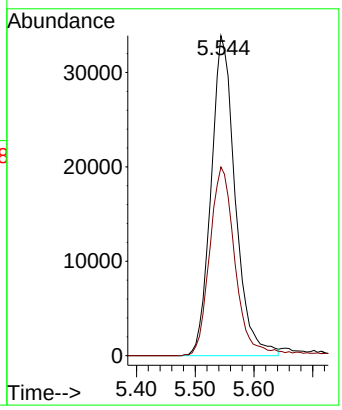


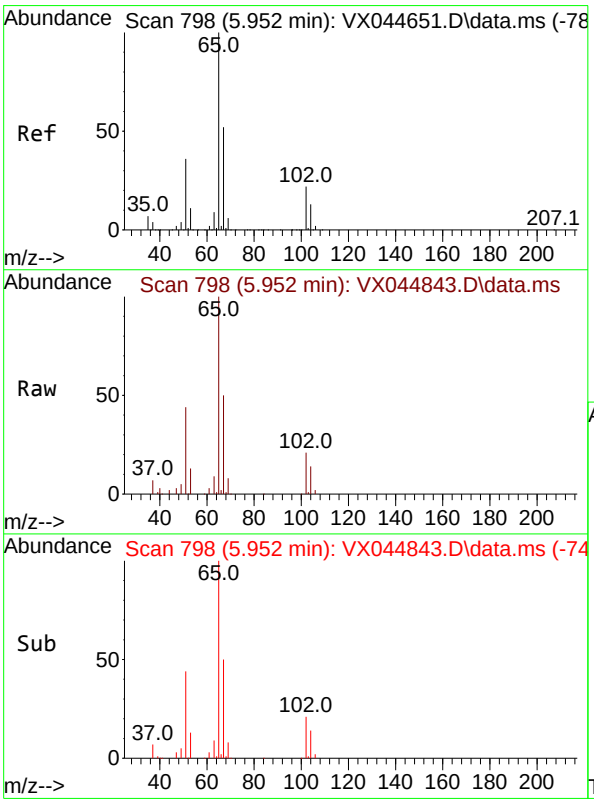
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX044843.D
Acq: 05 Feb 2025 15:04

Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-5

Tgt Ion:168 Resp: 96878

Ion	Ratio	Lower	Upper
168	100		
99	59.0	51.1	76.7

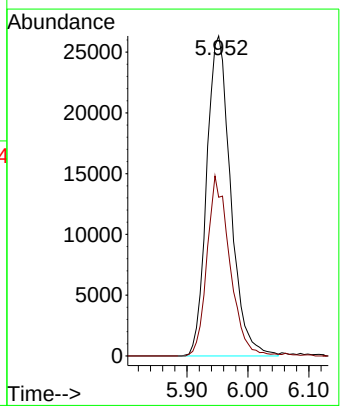


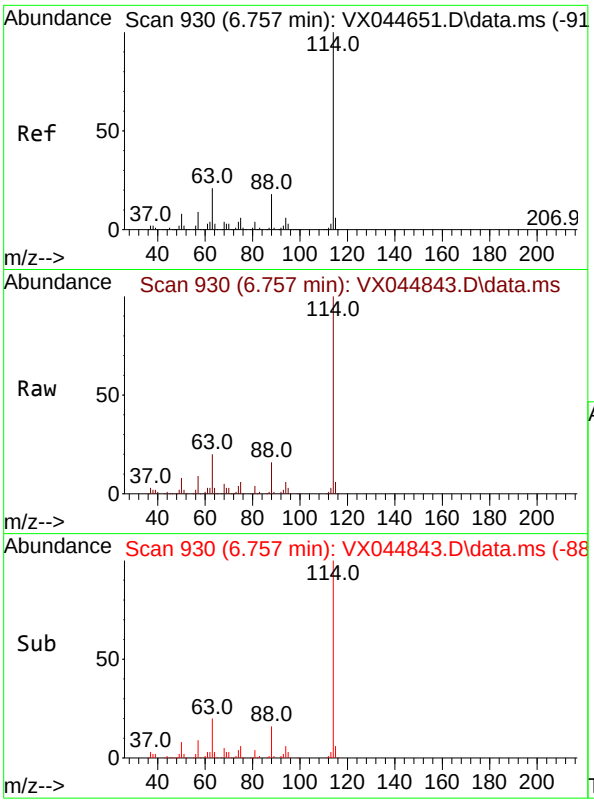


#33
1,2-Dichloroethane-d4
Concen: 49.060 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX044843.D
Acq: 05 Feb 2025 15:04

Tgt Ion: 65 Resp: 71740

Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	103.4



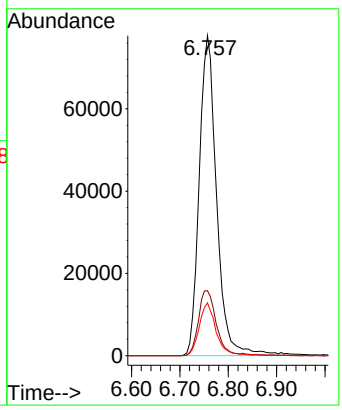


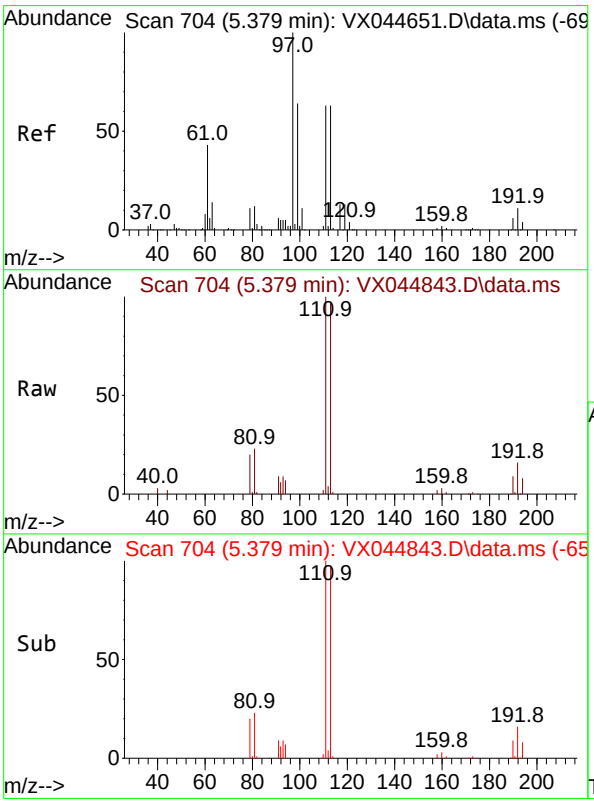
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX044843.D
Acq: 05 Feb 2025 15:04

Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-5

Tgt Ion:114 Resp: 194124

Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	43.0
88	16.5	0.0	35.4

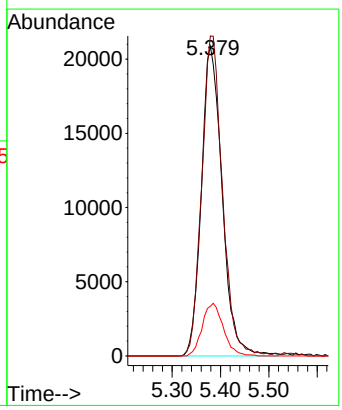


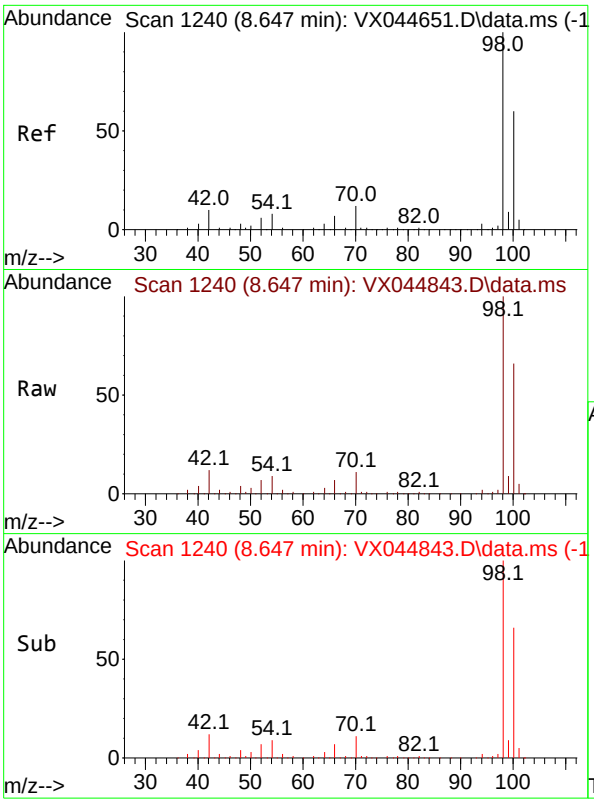


#35
Dibromofluoromethane
Concen: 50.500 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX044843.D
Acq: 05 Feb 2025 15:04

Tgt Ion:113 Resp: 62279

Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.6	122.4
192	17.3	14.4	21.6



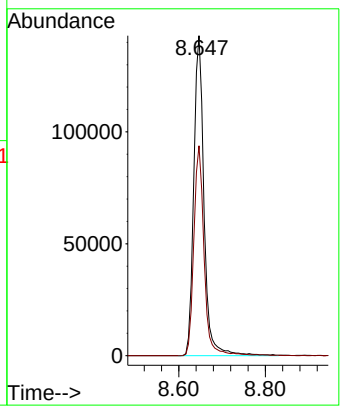


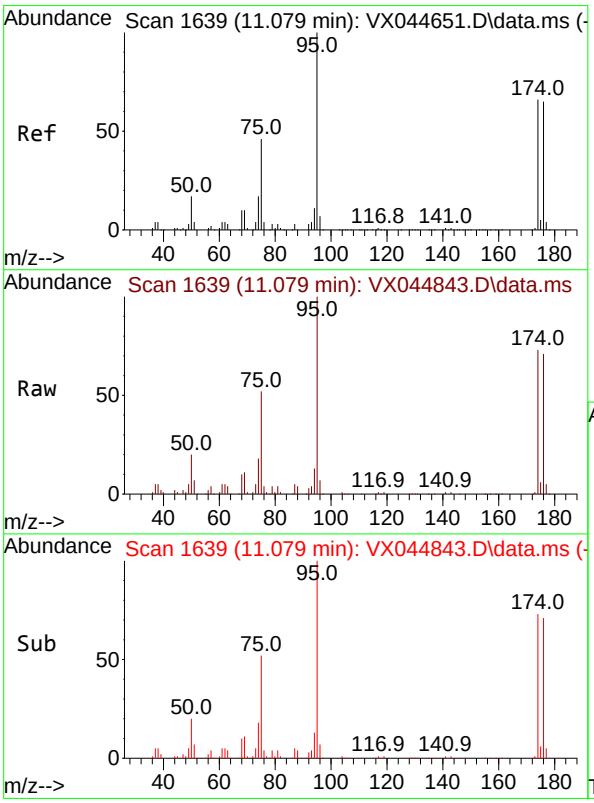
#50
Toluene-d8
Concen: 54.664 ug/l
RT: 8.647 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044843.D
Acq: 05 Feb 2025 15:04

Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-5

Tgt Ion: 98 Resp: 235058

Ion	Ratio	Lower	Upper
98	100		
100	65.7	53.2	79.8

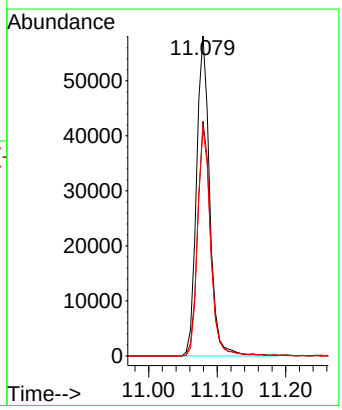


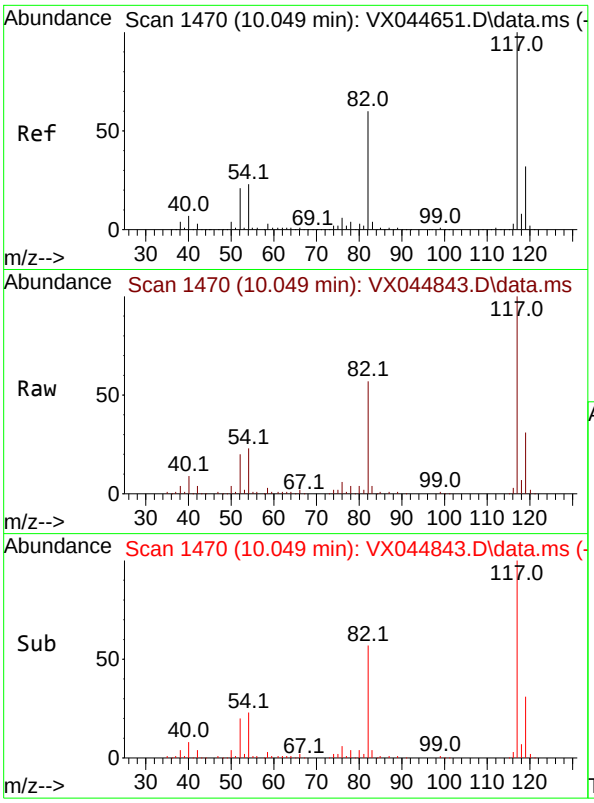


#62
4-Bromofluorobenzene
Concen: 48.676 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044843.D
Acq: 05 Feb 2025 15:04

Tgt Ion: 95 Resp: 78029

Ion	Ratio	Lower	Upper
95	100		
174	72.1	0.0	133.0
176	69.9	0.0	129.4



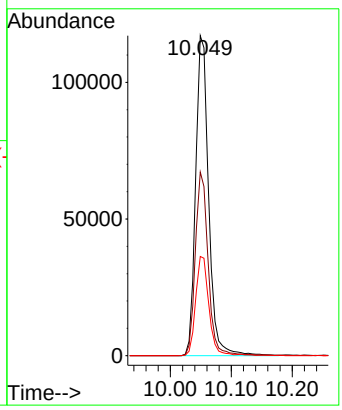


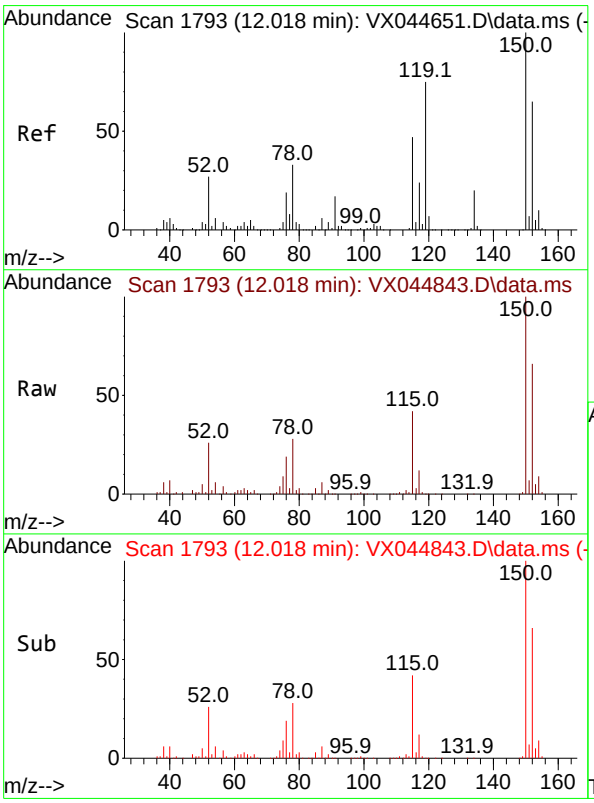
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX044843.D
Acq: 05 Feb 2025 15:04

Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-5

Tgt Ion:117 Resp: 173214

Ion	Ratio	Lower	Upper
117	100		
82	57.4	47.6	71.4
119	31.0	25.4	38.2

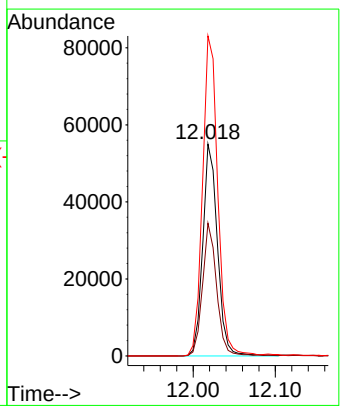




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX044843.D
Acq: 05 Feb 2025 15:04

Tgt Ion:152 Resp: 68345

Ion	Ratio	Lower	Upper
152	100		
115	60.4	43.8	131.4
150	156.2	0.0	347.8



Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	01/31/25
Project:	Weekly Storage Blanks	Date Received:	01/31/25
Client Sample ID:	Storage-Blank-WATER-REF-4	SDG No.:	Q1268
Lab Sample ID:	Q1268-03	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044839.D	1		02/05/25 13:31	VX020525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.21	U	0.21	1.00	ug/L
74-87-3	Chloromethane	0.35	U	0.35	1.00	ug/L
75-01-4	Vinyl Chloride	0.34	U	0.34	1.00	ug/L
141-78-6	Ethyl Acetate	0.38	U	0.38	1.00	ug/L
74-83-9	Bromomethane	1.40	UQ	1.40	5.00	ug/L
75-00-3	Chloroethane	0.56	UQ	0.56	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.34	UQ	0.34	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	1.00	ug/L
75-65-0	Tert butyl alcohol	5.60	U	5.60	25.0	ug/L
75-35-4	1,1-Dichloroethene	0.26	U	0.26	1.00	ug/L
107-02-8	Acrolein	6.70	U	6.70	25.0	ug/L
107-13-1	Acrylonitrile	0.90	UQ	0.90	5.00	ug/L
67-64-1	Acetone	1.40	U	1.40	5.00	ug/L
75-15-0	Carbon Disulfide	0.32	U	0.32	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	0.60	U	0.60	1.00	ug/L
75-09-2	Methylene Chloride	0.32	U	0.32	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.25	U	0.25	1.00	ug/L
108-05-4	Vinyl Acetate	0.71	U	0.71	5.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	1.60	UQ	1.60	5.00	ug/L
78-93-3	2-Butanone	1.30	U	1.30	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
594-20-7	2,2-Dichloropropane	0.31	U	0.31	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.25	U	0.25	1.00	ug/L
74-97-5	Bromochloromethane	0.18	U	0.18	1.00	ug/L
67-66-3	Chloroform	0.26	U	0.26	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.19	U	0.19	1.00	ug/L
108-87-2	Methylcyclohexane	0.19	U	0.19	1.00	ug/L
563-58-6	1,1-Dichloropropene	0.18	U	0.18	1.00	ug/L

Raw Data: **VX044839.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	01/31/25
Project:	Weekly Storage Blanks	Date Received:	01/31/25
Client Sample ID:	Storage-Blank-WATER-REF-4	SDG No.:	Q1268
Lab Sample ID:	Q1268-03	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044839.D	1		02/05/25 13:31	VX020525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
71-43-2	Benzene	0.16	U	0.16	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.24	U	0.24	1.00	ug/L
79-01-6	Trichloroethene	0.32	U	0.32	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.19	U	0.19	1.00	ug/L
74-95-3	Dibromomethane	0.23	U	0.23	1.00	ug/L
75-27-4	Bromodichloromethane	0.24	U	0.24	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.75	UQ	0.75	5.00	ug/L
108-88-3	Toluene	0.18	U	0.18	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	0.21	U	0.21	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.18	U	0.18	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
142-28-9	1,3-Dichloropropane	0.17	U	0.17	1.00	ug/L
110-75-8	2-Chloroethyl Vinyl ether	1.80	U	1.80	5.00	ug/L
591-78-6	2-Hexanone	1.10	UQ	1.10	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.16	U	0.16	1.00	ug/L
127-18-4	Tetrachloroethene	0.25	U	0.25	1.00	ug/L
108-90-7	Chlorobenzene	0.13	U	0.13	1.00	ug/L
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.00	ug/L
67-72-1	Hexachloroethane	0	U	0	0	ug/L
100-41-4	Ethyl Benzene	0.16	U	0.16	1.00	ug/L
179601-23-1	m/p-Xylenes	0.31	U	0.31	2.00	ug/L
95-47-6	o-Xylene	0.14	U	0.14	1.00	ug/L
100-42-5	Styrene	0.16	U	0.16	1.00	ug/L
75-25-2	Bromoform	0.21	U	0.21	1.00	ug/L
98-82-8	Isopropylbenzene	0.13	U	0.13	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.27	U	0.27	1.00	ug/L
96-18-4	1,2,3-Trichloropropane	0.39	U	0.39	1.00	ug/L
108-86-1	Bromobenzene	0.26	U	0.26	1.00	ug/L
103-65-1	n-propylbenzene	0.14	U	0.14	1.00	ug/L
95-49-8	2-Chlorotoluene	0.16	U	0.16	1.00	ug/L

Raw Data: **VX044839.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	01/31/25
Project:	Weekly Storage Blanks	Date Received:	01/31/25
Client Sample ID:	Storage-Blank-WATER-REF-4	SDG No.:	Q1268
Lab Sample ID:	Q1268-03	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044839.D	1		02/05/25 13:31	VX020525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-67-8	1,3,5-Trimethylbenzene	0.18	U	0.18	1.00	ug/L
106-43-4	4-Chlorotoluene	0.18	U	0.18	1.00	ug/L
98-06-6	tert-Butylbenzene	0.17	U	0.17	1.00	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.18	U	0.18	1.00	ug/L
135-98-8	sec-Butylbenzene	0.17	U	0.17	1.00	ug/L
99-87-6	p-Isopropyltoluene	0.15	U	0.15	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.24	U	0.24	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.27	U	0.27	1.00	ug/L
104-51-8	n-Butylbenzene	0.22	U	0.22	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	0.46	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.42	U	0.42	1.00	ug/L
87-68-3	Hexachlorobutadiene	0.31	U	0.31	1.00	ug/L
91-20-3	Naphthalene	0.59	U	0.59	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.51	U	0.51	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	48.7		74 - 125	97%	SPK: 50
1868-53-7	Dibromofluoromethane	48.3		75 - 124	97%	SPK: 50
2037-26-5	Toluene-d8	54.0		86 - 113	108%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.6		77 - 121	99%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	96700	5.55			
540-36-3	1,4-Difluorobenzene	198000	6.757			
3114-55-4	Chlorobenzene-d5	179000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	76400	12.018			

Raw Data: **VX044839.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	01/31/25
Project:	Weekly Storage Blanks	Date Received:	01/31/25
Client Sample ID:	Storage-Blank-WATER-REF-4	SDG No.:	Q1268
Lab Sample ID:	Q1268-03	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044839.D	1		02/05/25 13:31	VX020525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Sample Results: **VX044839.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020525\
Data File : VX044839.D
Acq On : 05 Feb 2025 13:31
Operator : JC/MD
Sample : Q1268-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-4

Quant Time: Feb 06 04:38:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 16 01:16:09 2025
Response via : Initial Calibration

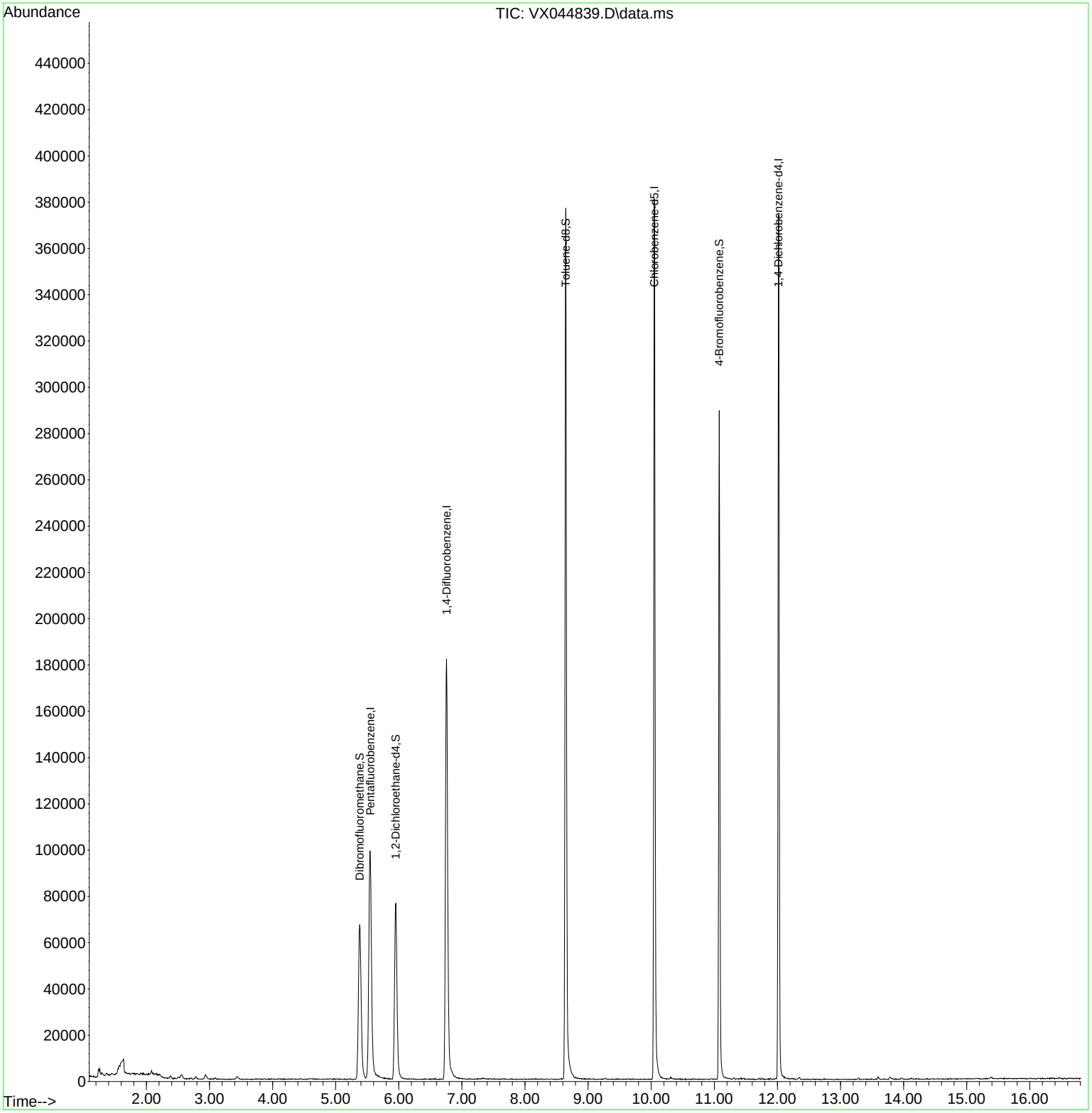
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	96670	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	198256	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	178932	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	76428	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	71086	48.717	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 97.440%			
35) Dibromofluoromethane	5.379	113	60845	48.309	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.620%			
50) Toluene-d8	8.647	98	237090	53.987	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.980%			
62) 4-Bromofluorobenzene	11.079	95	81250	49.629	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 99.260%			
Target Compounds						Qvalue

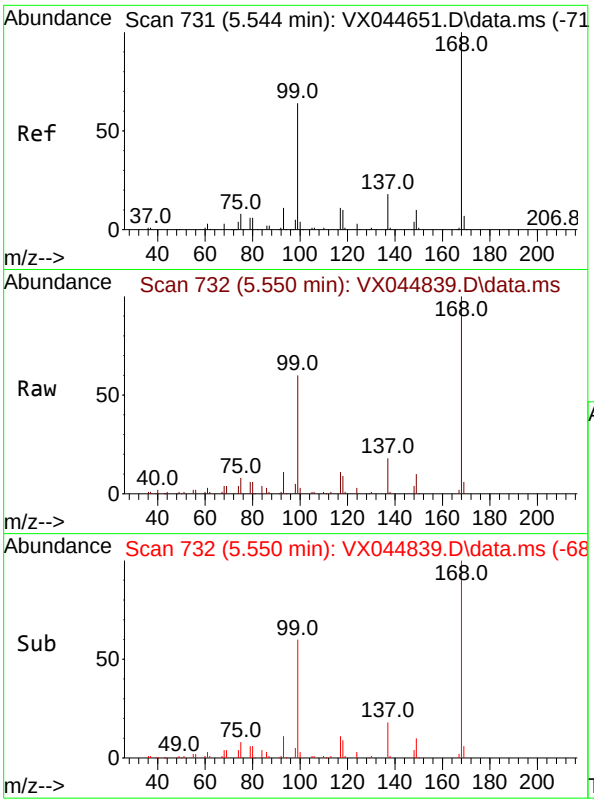
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020525\
Data File : VX044839.D
Acq On : 05 Feb 2025 13:31
Operator : JC/MD
Sample : Q1268-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-4

Quant Time: Feb 06 04:38:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 16 01:16:09 2025
Response via : Initial Calibration



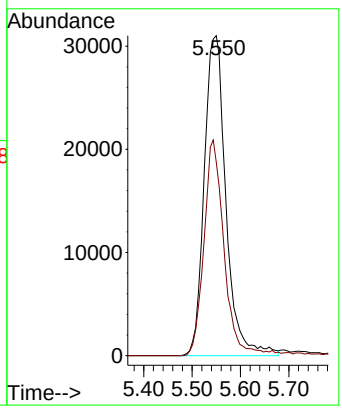


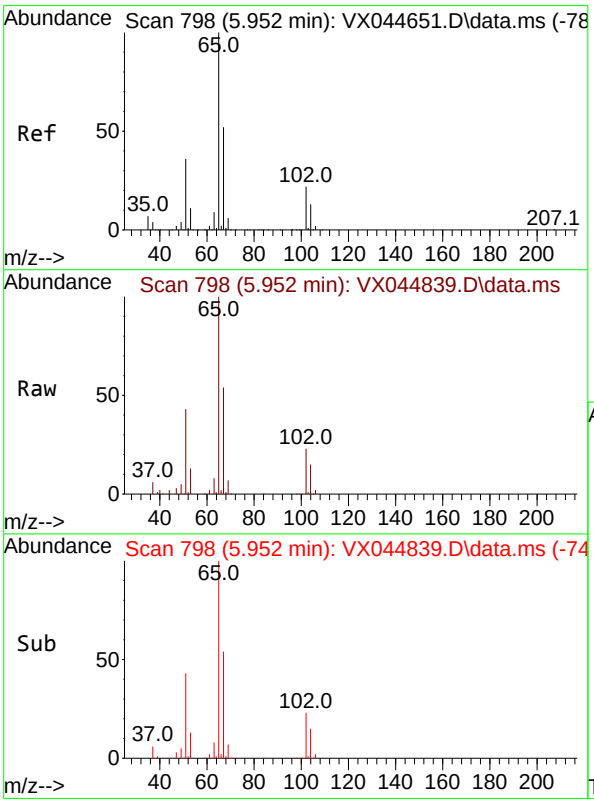
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX044839.D
Acq: 05 Feb 2025 13:31

Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-4

Tgt Ion:168 Resp: 96670

Ion	Ratio	Lower	Upper
168	100		
99	60.4	51.1	76.7

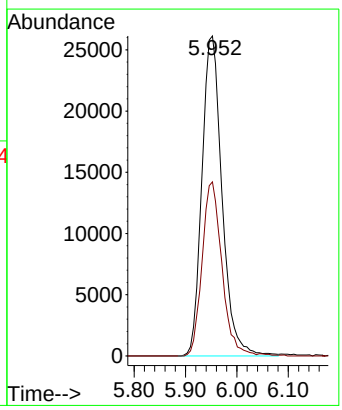


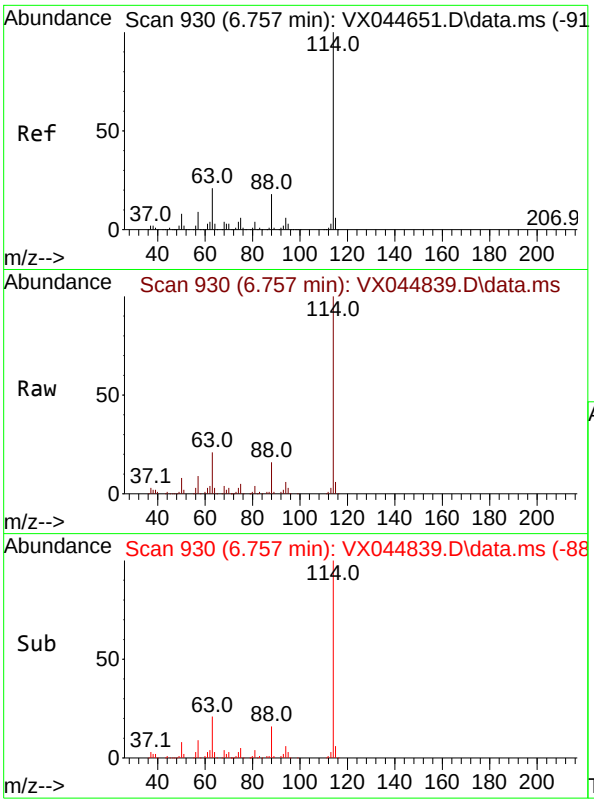


#33
1,2-Dichloroethane-d4
Concen: 48.717 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX044839.D
Acq: 05 Feb 2025 13:31

Tgt Ion: 65 Resp: 71086

Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	103.4



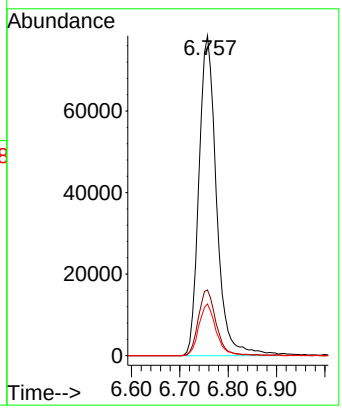


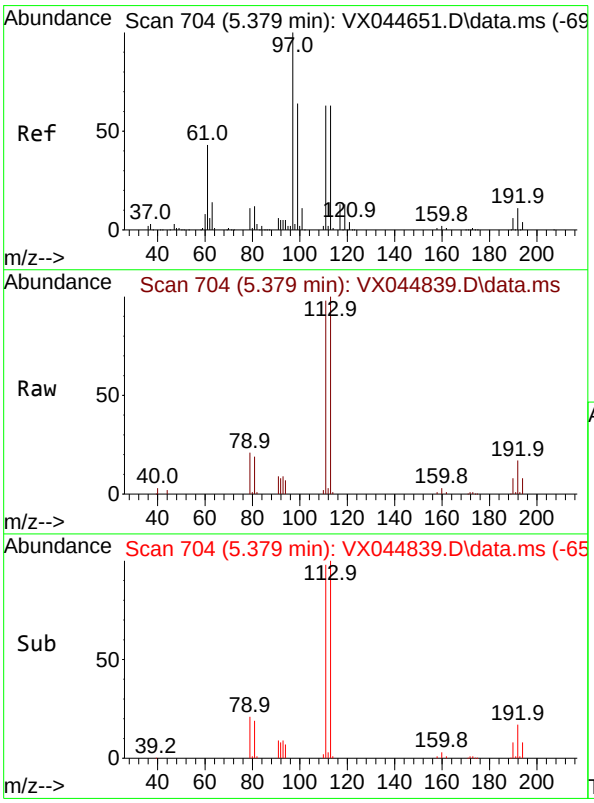
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX044839.D
Acq: 05 Feb 2025 13:31

Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-4

Tgt Ion:114 Resp: 198256

Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	43.0
88	16.2	0.0	35.4

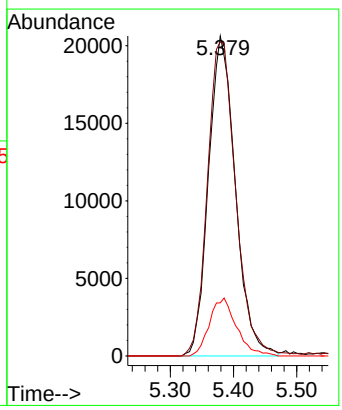


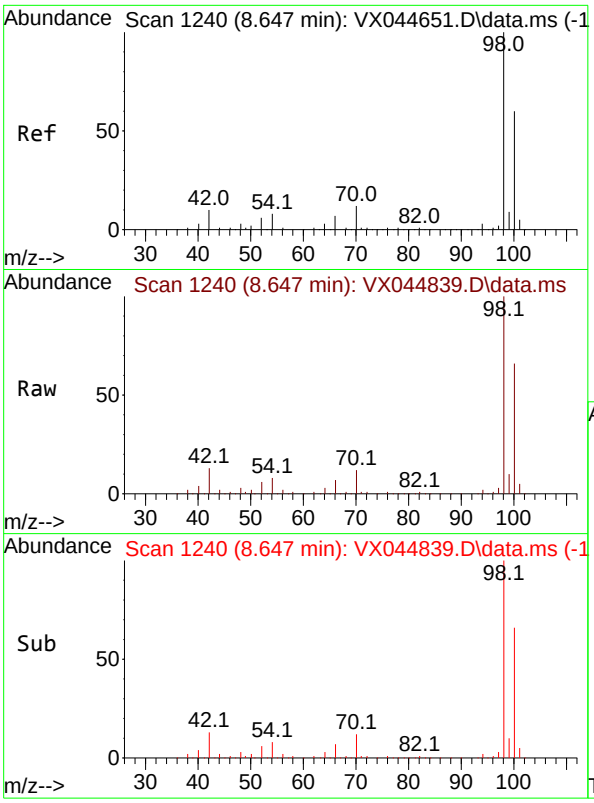


#35
Dibromofluoromethane
Concen: 48.309 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX044839.D
Acq: 05 Feb 2025 13:31

Tgt Ion:113 Resp: 60845

Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.6	122.4
192	18.2	14.4	21.6



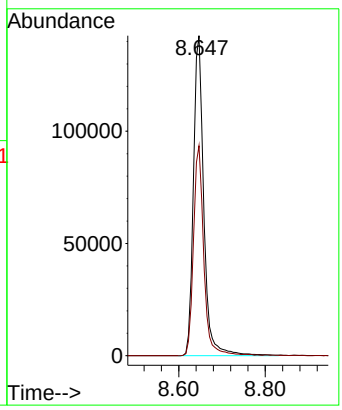


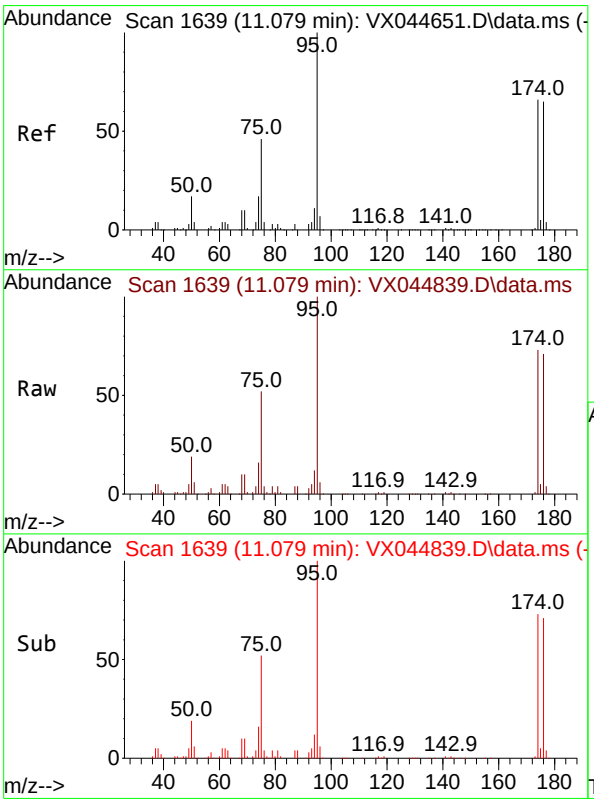
#50
Toluene-d8
Concen: 53.987 ug/l
RT: 8.647 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044839.D
Acq: 05 Feb 2025 13:31

Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-4

Tgt Ion: 98 Resp: 237090

Ion	Ratio	Lower	Upper
98	100		
100	64.9	53.2	79.8

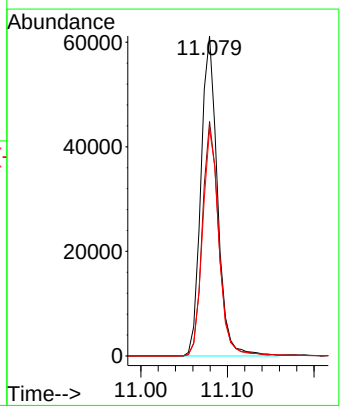


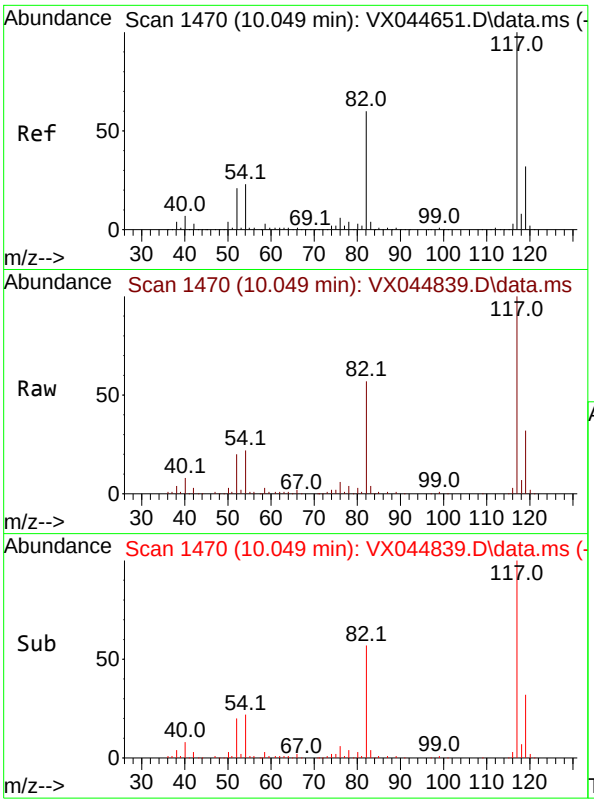


#62
4-Bromofluorobenzene
Concen: 49.629 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044839.D
Acq: 05 Feb 2025 13:31

Tgt Ion: 95 Resp: 81250

Ion	Ratio	Lower	Upper
95	100		
174	73.0	0.0	133.0
176	70.7	0.0	129.4



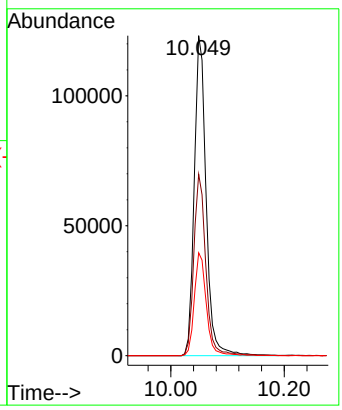


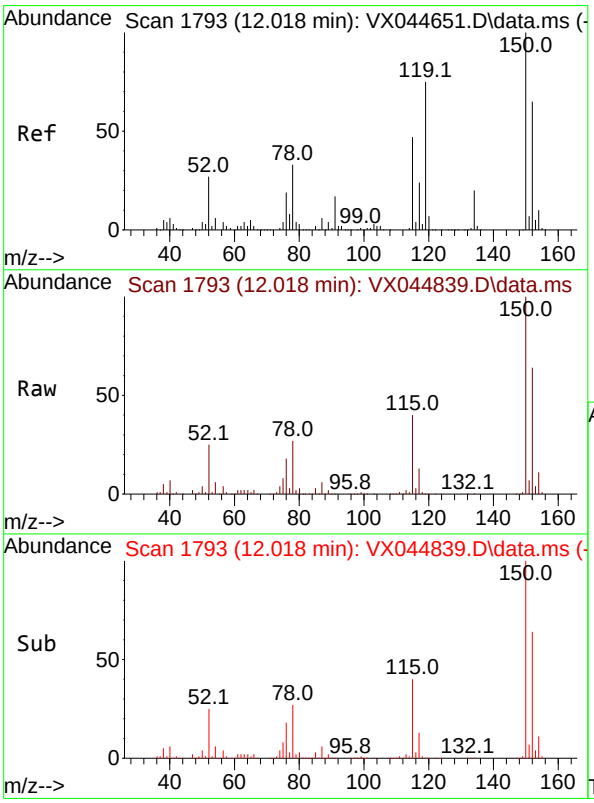
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX044839.D
Acq: 05 Feb 2025 13:31

Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-4

Tgt Ion:117 Resp: 178932

Ion	Ratio	Lower	Upper
117	100		
82	56.7	47.6	71.4
119	32.2	25.4	38.2

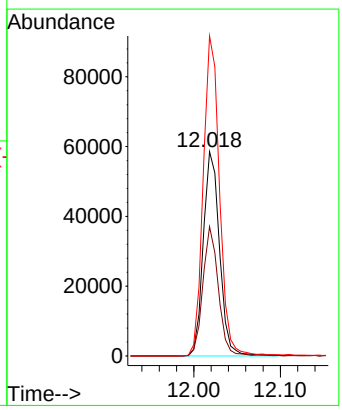




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX044839.D
Acq: 05 Feb 2025 13:31

Tgt Ion:152 Resp: 76428

Ion	Ratio	Lower	Upper
152	100		
115	60.4	43.8	131.4
150	158.0	0.0	347.8



Raw Data: **VX044840.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	01/31/25
Project:	Weekly Storage Blanks	Date Received:	01/31/25
Client Sample ID:	Storage-Blank-SAMPLE-MANAGEMENT	SDG No.:	Q1268
Lab Sample ID:	Q1268-04	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044840.D	1		02/05/25 13:54	VX020525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.21	U	0.21	1.00	ug/L
74-87-3	Chloromethane	0.35	U	0.35	1.00	ug/L
75-01-4	Vinyl Chloride	0.34	U	0.34	1.00	ug/L
141-78-6	Ethyl Acetate	0.38	U	0.38	1.00	ug/L
74-83-9	Bromomethane	1.40	UQ	1.40	5.00	ug/L
75-00-3	Chloroethane	0.56	UQ	0.56	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.34	UQ	0.34	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	1.00	ug/L
75-65-0	Tert butyl alcohol	5.60	U	5.60	25.0	ug/L
75-35-4	1,1-Dichloroethene	0.26	U	0.26	1.00	ug/L
107-02-8	Acrolein	6.70	U	6.70	25.0	ug/L
107-13-1	Acrylonitrile	0.90	UQ	0.90	5.00	ug/L
67-64-1	Acetone	1.40	U	1.40	5.00	ug/L
75-15-0	Carbon Disulfide	0.32	U	0.32	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	0.60	U	0.60	1.00	ug/L
75-09-2	Methylene Chloride	0.32	U	0.32	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.25	U	0.25	1.00	ug/L
108-05-4	Vinyl Acetate	0.71	U	0.71	5.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	1.60	UQ	1.60	5.00	ug/L
78-93-3	2-Butanone	1.30	U	1.30	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
594-20-7	2,2-Dichloropropane	0.31	U	0.31	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.25	U	0.25	1.00	ug/L
74-97-5	Bromochloromethane	0.18	U	0.18	1.00	ug/L
67-66-3	Chloroform	0.26	U	0.26	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.19	U	0.19	1.00	ug/L
108-87-2	Methylcyclohexane	0.19	U	0.19	1.00	ug/L
563-58-6	1,1-Dichloropropene	0.18	U	0.18	1.00	ug/L

Raw Data: **VX044840.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	01/31/25
Project:	Weekly Storage Blanks	Date Received:	01/31/25
Client Sample ID:	Storage-Blank-SAMPLE-MANAGEMENT	SDG No.:	Q1268
Lab Sample ID:	Q1268-04	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044840.D	1		02/05/25 13:54	VX020525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
71-43-2	Benzene	0.16	U	0.16	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.24	U	0.24	1.00	ug/L
79-01-6	Trichloroethene	0.32	U	0.32	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.19	U	0.19	1.00	ug/L
74-95-3	Dibromomethane	0.23	U	0.23	1.00	ug/L
75-27-4	Bromodichloromethane	0.24	U	0.24	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.75	UQ	0.75	5.00	ug/L
108-88-3	Toluene	0.18	U	0.18	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	0.21	U	0.21	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.18	U	0.18	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
142-28-9	1,3-Dichloropropane	0.17	U	0.17	1.00	ug/L
110-75-8	2-Chloroethyl Vinyl ether	1.80	U	1.80	5.00	ug/L
591-78-6	2-Hexanone	1.10	UQ	1.10	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.16	U	0.16	1.00	ug/L
127-18-4	Tetrachloroethene	0.25	U	0.25	1.00	ug/L
108-90-7	Chlorobenzene	0.13	U	0.13	1.00	ug/L
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.00	ug/L
67-72-1	Hexachloroethane	0	U	0	0	ug/L
100-41-4	Ethyl Benzene	0.16	U	0.16	1.00	ug/L
179601-23-1	m/p-Xylenes	0.31	U	0.31	2.00	ug/L
95-47-6	o-Xylene	0.14	U	0.14	1.00	ug/L
100-42-5	Styrene	0.16	U	0.16	1.00	ug/L
75-25-2	Bromoform	0.21	U	0.21	1.00	ug/L
98-82-8	Isopropylbenzene	0.13	U	0.13	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.27	U	0.27	1.00	ug/L
96-18-4	1,2,3-Trichloropropane	0.39	U	0.39	1.00	ug/L
108-86-1	Bromobenzene	0.26	U	0.26	1.00	ug/L
103-65-1	n-propylbenzene	0.14	U	0.14	1.00	ug/L
95-49-8	2-Chlorotoluene	0.16	U	0.16	1.00	ug/L

Raw Data: **VX044840.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	01/31/25
Project:	Weekly Storage Blanks	Date Received:	01/31/25
Client Sample ID:	Storage-Blank-SAMPLE-MANAGEMENT	SDG No.:	Q1268
Lab Sample ID:	Q1268-04	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044840.D	1		02/05/25 13:54	VX020525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-67-8	1,3,5-Trimethylbenzene	0.18	U	0.18	1.00	ug/L
106-43-4	4-Chlorotoluene	0.18	U	0.18	1.00	ug/L
98-06-6	tert-Butylbenzene	0.17	U	0.17	1.00	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.18	U	0.18	1.00	ug/L
135-98-8	sec-Butylbenzene	0.17	U	0.17	1.00	ug/L
99-87-6	p-Isopropyltoluene	0.15	U	0.15	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.24	U	0.24	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.27	U	0.27	1.00	ug/L
104-51-8	n-Butylbenzene	0.22	U	0.22	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	0.46	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.42	U	0.42	1.00	ug/L
87-68-3	Hexachlorobutadiene	0.31	U	0.31	1.00	ug/L
91-20-3	Naphthalene	0.59	U	0.59	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.51	U	0.51	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	49.0		74 - 125	98%	SPK: 50
1868-53-7	Dibromofluoromethane	49.3		75 - 124	99%	SPK: 50
2037-26-5	Toluene-d8	53.8		86 - 113	108%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.3		77 - 121	97%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	103000	5.544			
540-36-3	1,4-Difluorobenzene	210000	6.757			
3114-55-4	Chlorobenzene-d5	190000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	77500	12.018			

Raw Data: **VX044840.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	01/31/25
Project:	Weekly Storage Blanks	Date Received:	01/31/25
Client Sample ID:	Storage-Blank-SAMPLE-MANAGEMENT	SDG No.:	Q1268
Lab Sample ID:	Q1268-04	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044840.D	1		02/05/25 13:54	VX020525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Sample Results: **VX044840.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020525\
Data File : VX044840.D
Acq On : 05 Feb 2025 13:54
Operator : JC/MD
Sample : Q1268-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

Quant Time: Feb 06 04:38:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 16 01:16:09 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	102583	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	210319	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	189996	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	77528	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	75898	49.017	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 98.040%			
35) Dibromofluoromethane	5.379	113	65884	49.310	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.620%			
50) Toluene-d8	8.647	98	250616	53.794	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.580%			
62) 4-Bromofluorobenzene	11.079	95	83957	48.341	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 96.680%			

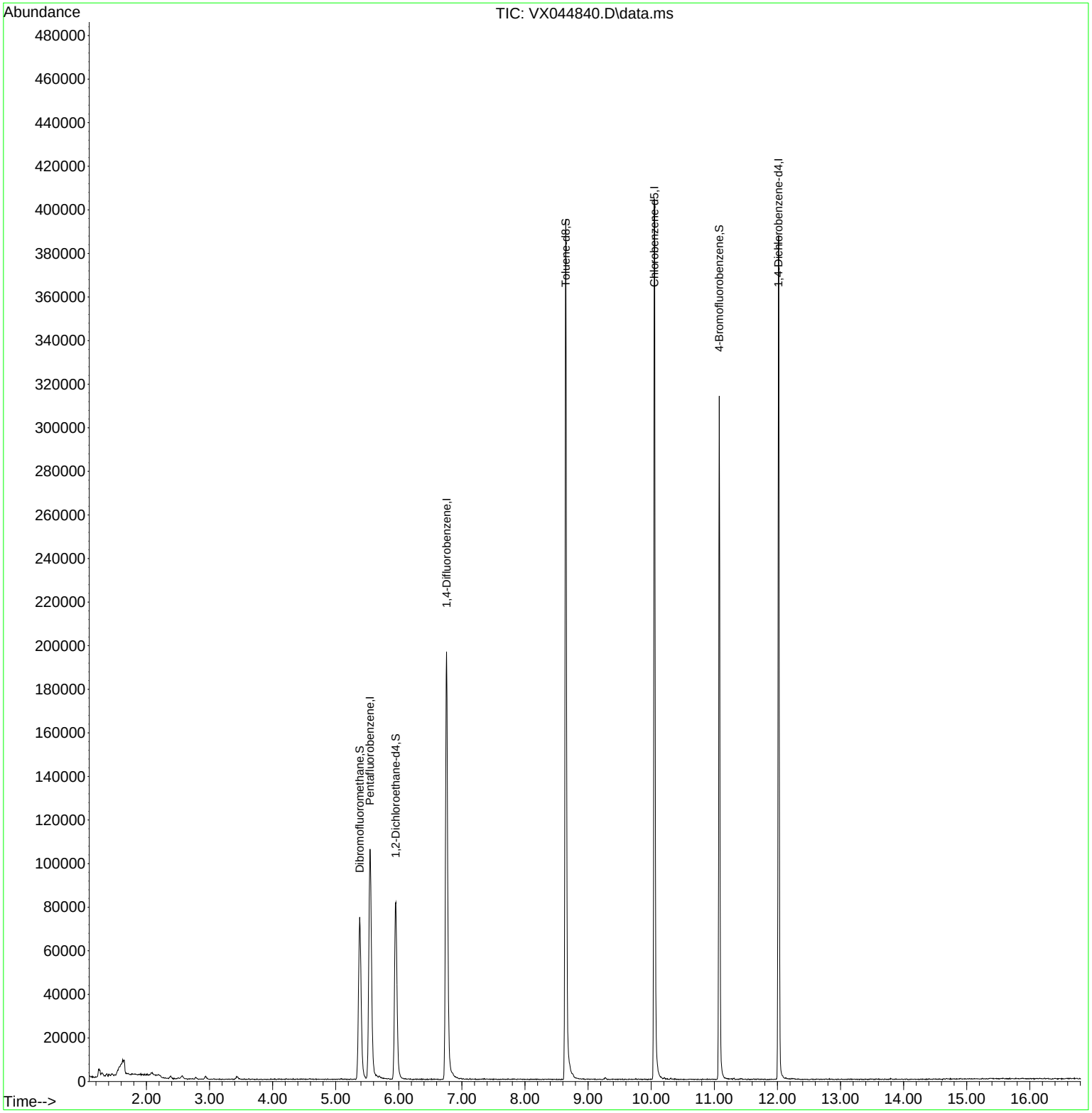
Target Compounds Qvalue

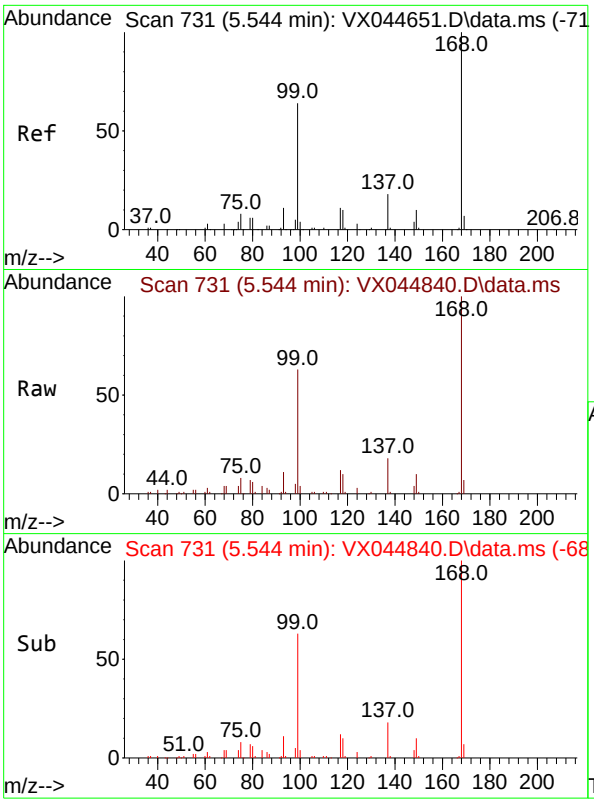
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020525\
Data File : VX044840.D
Acq On : 05 Feb 2025 13:54
Operator : JC/MD
Sample : Q1268-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

Quant Time: Feb 06 04:38:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 16 01:16:09 2025
Response via : Initial Calibration



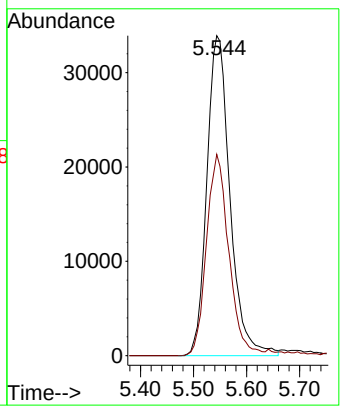


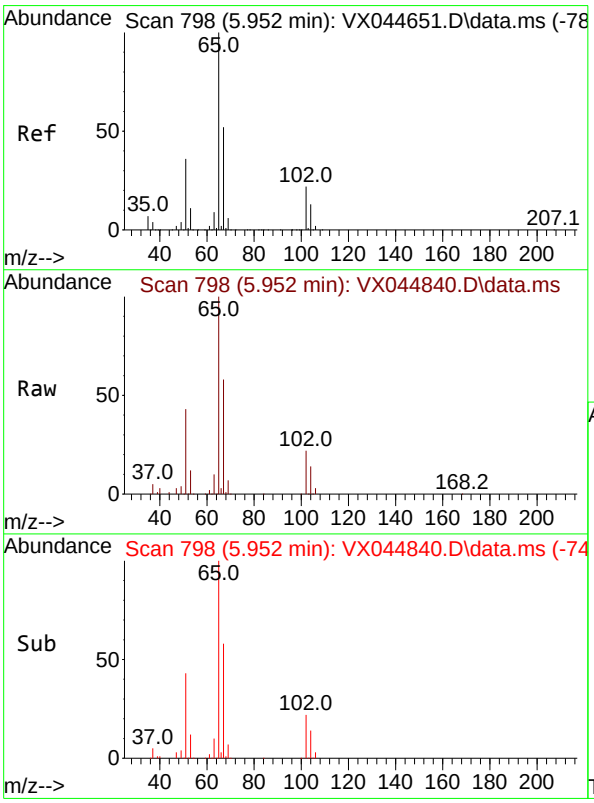
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX044840.D
Acq: 05 Feb 2025 13:54

Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

Tgt Ion:168 Resp: 102583

Ion	Ratio	Lower	Upper
168	100		
99	62.9	51.1	76.7

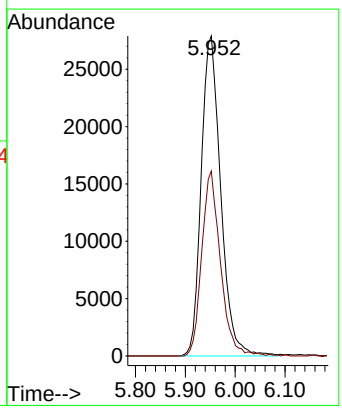


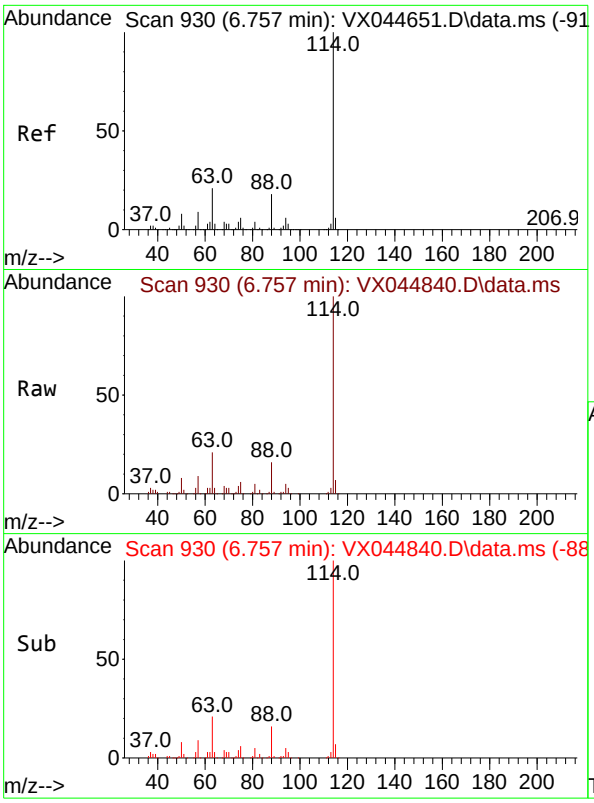


#33
1,2-Dichloroethane-d4
Concen: 49.017 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX044840.D
Acq: 05 Feb 2025 13:54

Tgt Ion: 65 Resp: 75898

Ion	Ratio	Lower	Upper
65	100		
67	55.3	0.0	103.4



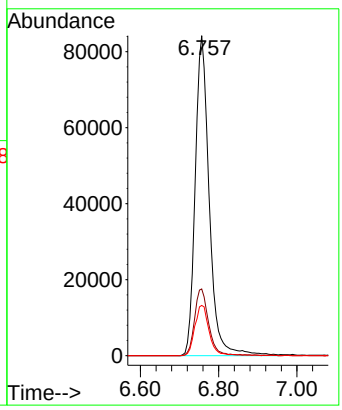


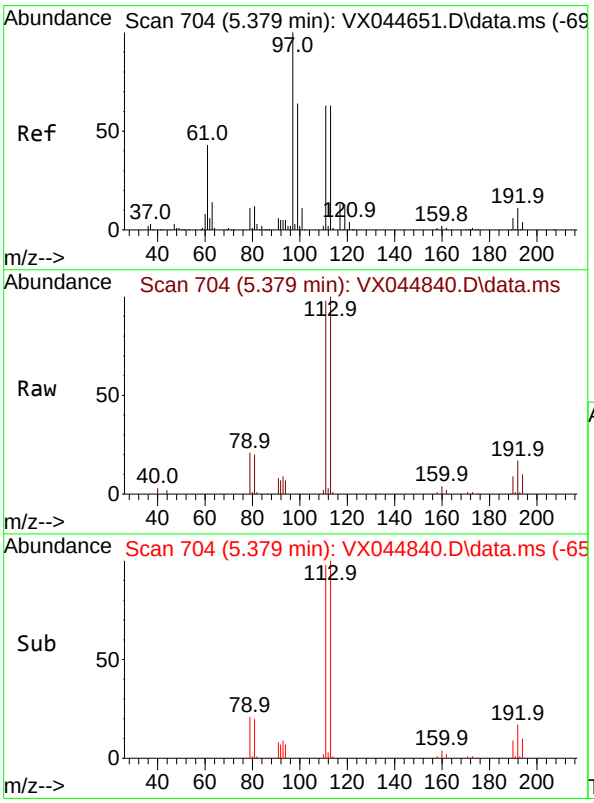
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX044840.D
Acq: 05 Feb 2025 13:54

Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

Tgt Ion:114 Resp: 210319

Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	43.0
88	15.7	0.0	35.4

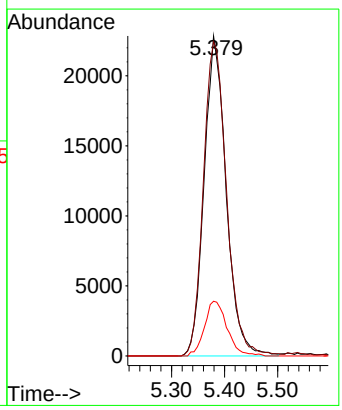


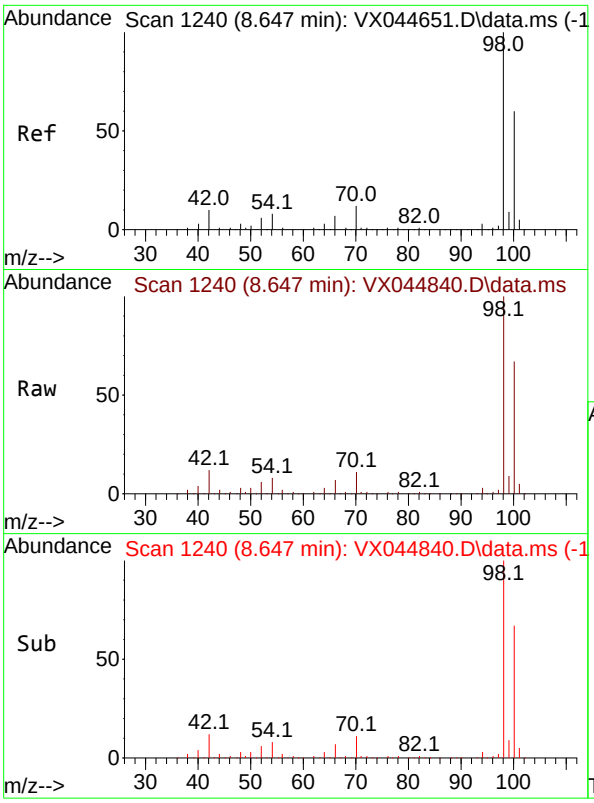


#35
Dibromofluoromethane
Concen: 49.310 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX044840.D
Acq: 05 Feb 2025 13:54

Tgt Ion:113 Resp: 65884

Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.6	122.4
192	17.6	14.4	21.6



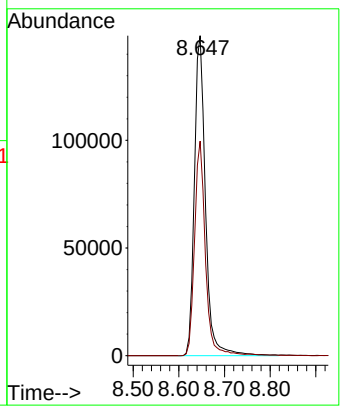


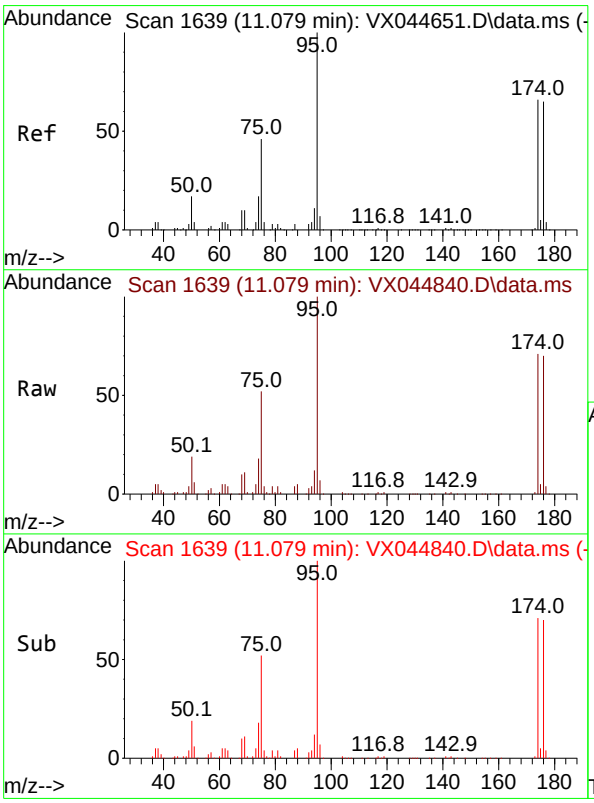
#50
Toluene-d8
Concen: 53.794 ug/l
RT: 8.647 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044840.D
Acq: 05 Feb 2025 13:54

Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

Tgt Ion: 98 Resp: 250616

Ion	Ratio	Lower	Upper
98	100		
100	65.1	53.2	79.8

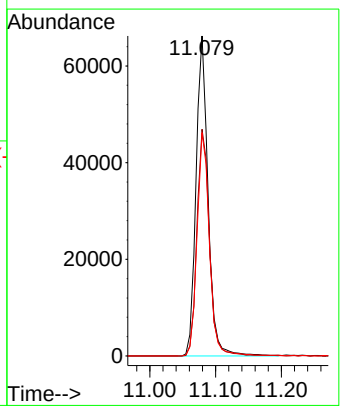


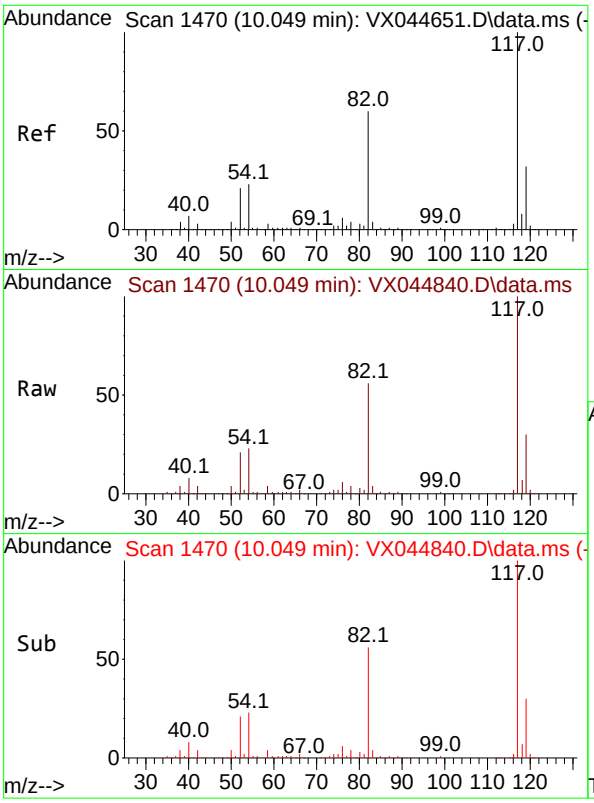


#62
4-Bromofluorobenzene
Concen: 48.341 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044840.D
Acq: 05 Feb 2025 13:54

Tgt Ion: 95 Resp: 83957

Ion	Ratio	Lower	Upper
95	100		
174	73.9	0.0	133.0
176	71.4	0.0	129.4



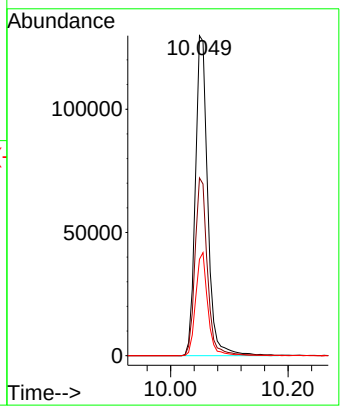


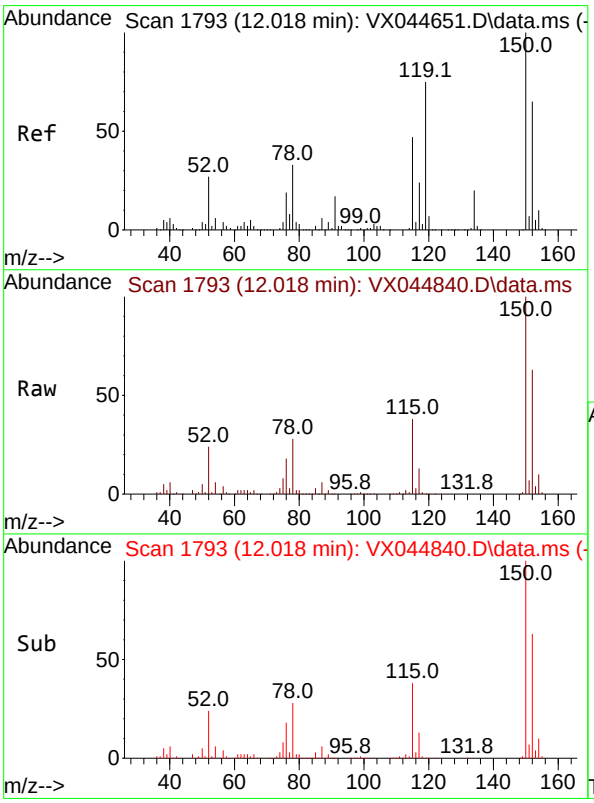
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX044840.D
Acq: 05 Feb 2025 13:54

Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

Tgt Ion:117 Resp: 189996

Ion	Ratio	Lower	Upper
117	100		
82	55.5	47.6	71.4
119	30.2	25.4	38.2

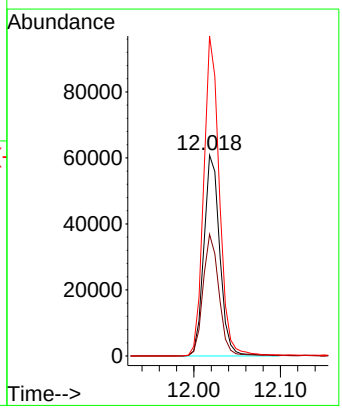




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX044840.D
Acq: 05 Feb 2025 13:54

Tgt Ion:152 Resp: 77528

Ion	Ratio	Lower	Upper
152	100		
115	60.9	43.8	131.4
150	157.7	0.0	347.8



CALIBRATION SUMMARY

Raw Data

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: CHEM02

Lab Code: CHEM Case No.: Q1268 SAS No.: Q1268 SDG No.: Q1268

Instrument ID: MSVOA_X Calibration Date(s): 01/15/2025 01/15/2025

Heated Purge: (Y/N) N Calibration Time(s): 10:31 13:37

GC Column: DB-624UI ID: 0.18 (mm)

LAB FILE ID: RRF001 = VX044648.D RRF005 = VX044649.D RRF020 = VX044650.D
RRF050 = VX044651.D RRF100 = VX044652.D RRF150 = VX044653.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.596	0.606	0.641	0.679	0.751	0.763	0.673	10.7
Chloromethane	0.826	0.712	0.723	0.710	0.682	0.713	0.728	6.9
Vinyl Chloride	0.801	0.681	0.681	0.702	0.699	0.749	0.719	6.6
Ethyl Acetate	0.420	0.485	0.472	0.463	0.487	0.498	0.471	5.9
Bromomethane		0.170	0.166	0.171	0.169	0.183	0.172	3.7
Chloroethane	0.165	0.123	0.113	0.117	0.124	0.149	0.132	15.7
Trichlorofluoromethane	0.859	0.749	0.755	0.765	0.808	0.830	0.795	5.7
1,1,2-Trichlorotrifluoroethane	0.678	0.563	0.562	0.554	0.598	0.629	0.597	8.1
Tert butyl alcohol		0.211	0.165	0.151	0.152	0.162	0.168	14.7
1,1-Dichloroethene	0.638	0.546	0.572	0.566	0.571	0.618	0.585	6
Acrolein		0.113	0.066	0.068	0.068	0.080	0.079	25.3
Acrylonitrile	0.350	0.337	0.325	0.313	0.329	0.326	0.330	3.8
Acetone	0.369	0.277	0.274	0.267	0.309	0.295	0.299	12.7
Carbon Disulfide	1.690	1.556	1.571	1.544	1.552	1.673	1.598	4.1
Methyl tert-butyl Ether	2.328	2.120	2.091	2.032	1.998	2.155	2.121	5.5
Methyl Acetate	1.041	0.832	0.826	0.880	0.942	1.006	0.921	9.8
Methylene Chloride	0.828	0.699	0.682	0.650	0.633	0.679	0.695	10
trans-1,2-Dichloroethene	0.738	0.607	0.590	0.568	0.559	0.605	0.611	10.7
Vinyl Acetate	1.848	1.805	1.757	1.650	1.637	1.708	1.734	4.9
1,1-Dichloroethane	1.251	1.164	1.161	1.126	1.111	1.238	1.175	4.9
Cyclohexane		0.938	0.956	0.931	0.935	0.991	0.950	2.6
2-Butanone	0.451	0.444	0.444	0.426	0.449	0.450	0.444	2.1
Carbon Tetrachloride	0.585	0.503	0.468	0.460	0.465	0.502	0.497	9.4
2,2-Dichloropropane	1.362	1.129	1.094	1.054	1.048	1.146	1.139	10.2
cis-1,2-Dichloroethene	0.940	0.735	0.746	0.717	0.704	0.771	0.769	11.3
Bromochloromethane	0.638	0.554	0.521	0.531	0.527	0.523	0.549	8.2
Chloroform	1.261	1.226	1.185	1.142	1.095	1.206	1.186	5
1,1,1-Trichloroethane	1.393	1.036	1.037	0.997	0.991	1.087	1.090	14
Methylcyclohexane	0.662	0.555	0.556	0.551	0.583	0.614	0.587	7.5
1,1-Dichloropropene	0.545	0.420	0.422	0.408	0.415	0.444	0.442	11.7

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

Raw Data

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: CHEM02

Lab Code: CHEM Case No.: Q1268 SAS No.: Q1268 SDG No.: Q1268

Instrument ID: MSVOA_X Calibration Date(s): 01/15/2025 01/15/2025

Heated Purge: (Y/N) N Calibration Time(s): 10:31 13:37

GC Column: DB-624UI ID: 0.18 (mm)

LAB FILE ID: RRF001 = VX044648.D RRF005 = VX044649.D RRF020 = VX044650.D
RRF050 = VX044651.D RRF100 = VX044652.D RRF150 = VX044653.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Benzene	1.517	1.376	1.364	1.306	1.274	1.384	1.370	6.1
1,2-Dichloroethane	0.552	0.494	0.491	0.477	0.473	0.513	0.500	5.8
Trichloroethene	0.338	0.319	0.324	0.316	0.324	0.355	0.329	4.5
1,2-Dichloropropane	0.367	0.359	0.335	0.329	0.326	0.354	0.345	5
Dibromomethane	0.300	0.271	0.249	0.246	0.243	0.266	0.263	8.2
Bromodichloromethane	0.634	0.530	0.518	0.508	0.499	0.542	0.538	9.1
4-Methyl-2-Pentanone	0.549	0.489	0.481	0.449	0.445	0.458	0.479	8.1
Toluene	0.941	0.864	0.849	0.805	0.769	0.804	0.839	7.3
t-1,3-Dichloropropene	0.578	0.551	0.564	0.546	0.537	0.563	0.556	2.7
cis-1,3-Dichloropropene	0.684	0.589	0.603	0.574	0.567	0.603	0.603	7
1,1,2-Trichloroethane	0.401	0.342	0.341	0.319	0.312	0.321	0.339	9.6
1,3-Dichloropropane	0.652	0.594	0.581	0.555	0.527	0.557	0.578	7.5
2-Chloroethyl Vinyl ether	0.377	0.281	0.252	0.273	0.265	0.271	0.286	15.9
2-Hexanone	0.397	0.358	0.357	0.330	0.331	0.341	0.352	7.2
Dibromochloromethane	0.449	0.407	0.399	0.381	0.369	0.386	0.398	7.1
1,2-Dibromoethane	0.411	0.361	0.356	0.337	0.328	0.341	0.356	8.4
Tetrachloroethene	0.346	0.309	0.299	0.296	0.308	0.326	0.314	5.9
Chlorobenzene	1.178	1.085	1.036	1.008	0.998	1.067	1.062	6.2
1,1,1,2-Tetrachloroethane	0.420	0.398	0.376	0.367	0.361	0.394	0.386	5.7
Hexachloroethane	0.957	0.755	0.704	0.690	0.678	0.736	0.753	13.8
Ethyl Benzene	2.026	1.839	1.827	1.779	1.777	1.871	1.853	5
m/p-Xylenes	0.771	0.697	0.686	0.656	0.646	0.669	0.688	6.5
o-Xylene	0.787	0.713	0.690	0.665	0.644	0.674	0.695	7.3
Styrene	1.172	1.146	1.133	1.089	1.069	1.128	1.123	3.4
Bromoform	0.333	0.315	0.302	0.302	0.304	0.331	0.314	4.6
Isopropylbenzene	4.514	4.259	4.043	3.917	3.790	3.985	4.085	6.4
1,1,2,2-Tetrachloroethane	1.618	1.510	1.398	1.302	1.267	1.370	1.411	9.4
1,2,3-Trichloropropane	1.321	1.369	1.173	1.102	1.140	1.176	1.213	8.8
Bromobenzene	1.085	0.985	0.928	0.903	0.876	0.952	0.955	7.8
n-propylbenzene	4.902	4.366	4.481	4.392	4.346	4.541	4.505	4.6

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

Raw Data

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: CHEM02

Lab Code: CHEM Case No.: Q1268 SAS No.: Q1268 SDG No.: Q1268

Instrument ID: MSVOA_X Calibration Date(s): 01/15/2025 01/15/2025

Heated Purge: (Y/N) N Calibration Time(s): 10:31 13:37

GC Column: DB-624UI ID: 0.18 (mm)

LAB FILE ID: RRF001 = VX044648.D RRF005 = VX044649.D RRF020 = VX044650.D
RRF050 = VX044651.D RRF100 = VX044652.D RRF150 = VX044653.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
2-Chlorotoluene	3.385	2.964	2.860	2.763	2.657	2.831	2.910	8.7
1,3,5-Trimethylbenzene	3.707	3.522	3.312	3.187	3.057	3.167	3.325	7.4
4-Chlorotoluene	3.509	3.220	3.183	3.075	2.978	3.161	3.188	5.6
tert-Butylbenzene	4.017	3.693	3.410	3.304	3.137	3.300	3.477	9.3
1,2,4-Trimethylbenzene	3.967	3.380	3.346	3.211	3.097	3.273	3.379	9
sec-Butylbenzene	4.515	4.037	3.977	3.895	3.855	4.009	4.048	5.9
p-Isopropyltoluene	3.663	3.337	3.277	3.222	3.161	3.303	3.327	5.3
1,3-Dichlorobenzene	1.733	1.641	1.619	1.613	1.608	1.720	1.656	3.4
1,4-Dichlorobenzene	1.911	1.664	1.606	1.577	1.579	1.705	1.674	7.6
n-Butylbenzene	2.992	2.713	2.770	2.806	2.878	2.986	2.857	4
1,2-Dichlorobenzene	1.919	1.756	1.665	1.626	1.548	1.687	1.700	7.5
1,2-Dibromo-3-Chloropropane	0.407	0.355	0.320	0.310	0.322	0.356	0.345	10.3
1,2,4-Trichlorobenzene	0.956	0.943	0.945	1.031	1.061	1.163	1.016	8.5
Hexachlorobutadiene	0.419	0.384	0.373	0.393	0.401	0.426	0.399	5.1
Naphthalene	4.049	3.759	3.797	3.814	3.860	4.244	3.920	4.8
1,2,3-Trichlorobenzene	1.058	0.993	1.006	1.055	1.055	1.156	1.054	5.4
1,2-Dichloroethane-d4		0.863	0.691	0.745	0.689	0.785	0.755	9.6
Dibromofluoromethane		0.355	0.289	0.318	0.293	0.333	0.318	8.8
Toluene-d8		1.270	1.051	1.111	1.001	1.104	1.108	9.1
4-Bromofluorobenzene		0.445	0.394	0.421	0.383	0.421	0.413	6

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

Response Factor Report MSVOA_X2

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
Method File : 82X011525W.M
Title : SW846 8260
Last Update : Thu Jan 16 01:16:09 2025
Response Via : Initial Calibration

Calibration Files
1 =VX044648.D 5 =VX044649.D 20 =VX044650.D 50 =VX044651.D 100 =VX044652.D 150 =VX044653.D

		Compound	1	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------	ISTD	----------					
2)	T	Dichlorodifluo...	0.596	0.606	0.641	0.679	0.751	0.763	0.673	10.67
3)	P	Chloromethane	0.826	0.712	0.723	0.710	0.682	0.713	0.728	6.88
4)	C	Vinyl Chloride	0.801	0.681	0.681	0.702	0.699	0.749	0.719	6.61#
5)	T	Bromomethane		0.170	0.166	0.171	0.169	0.183	0.172	3.73
6)	T	Chloroethane	0.165	0.123	0.113	0.117	0.124	0.149	0.132	15.70
7)	T	Trichlorofluor...	0.859	0.749	0.755	0.765	0.808	0.830	0.795	5.66
8)	T	Diethyl Ether	0.394	0.320	0.304	0.292	0.292	0.321	0.321	11.92
9)	T	1,1,2-Trichlor...	0.678	0.563	0.562	0.554	0.598	0.629	0.597	8.15
10)	T	Methyl Iodide		0.818	0.832	0.808	0.798	0.822	0.815	1.59
11)	T	Tert butyl alc...		0.211	0.165	0.151	0.152	0.162	0.168	14.66
12)	CM	1,1-Dichloroet...	0.638	0.546	0.572	0.566	0.571	0.618	0.585	5.99#
13)	T	Acrolein		0.113	0.066	0.068	0.068	0.080	0.079	25.32
14)	T	Allyl chloride	1.432	1.117	1.078	1.049	1.051	1.112	1.140	12.83
15)	T	Acrylonitrile	0.350	0.337	0.325	0.313	0.329	0.326	0.330	3.83
16)	T	Acetone	0.369	0.277	0.274	0.267	0.309	0.295	0.299	12.72
17)	T	Carbon Disulfide	1.690	1.556	1.571	1.544	1.552	1.673	1.597	4.11
18)	T	Methyl Acetate	1.041	0.832	0.826	0.880	0.942	1.006	0.921	9.78
19)	T	Methyl tert-bu...	2.328	2.120	2.091	2.032	1.998	2.155	2.121	5.49
20)	T	Methylene Chlo...	0.828	0.699	0.682	0.650	0.633	0.679	0.695	9.95
21)	T	trans-1,2-Dich...	0.738	0.607	0.590	0.568	0.559	0.605	0.611	10.69
22)	T	Diisopropyl ether	2.109	2.041	1.991	1.901	1.854	1.993	1.981	4.67
23)	T	Vinyl Acetate	1.848	1.805	1.757	1.650	1.637	1.708	1.734	4.88
24)	P	1,1-Dichloroet...	1.251	1.164	1.161	1.126	1.111	1.238	1.175	4.89
25)	T	2-Butanone	0.451	0.444	0.444	0.426	0.449	0.450	0.444	2.09
26)	T	2,2-Dichloropr...	1.362	1.129	1.094	1.054	1.048	1.145	1.139	10.20
27)	T	cis-1,2-Dichlo...	0.940	0.735	0.746	0.717	0.704	0.771	0.769	11.33
28)	T	Bromochloromet...	0.638	0.554	0.521	0.531	0.527	0.523	0.549	8.21
29)	T	Tetrahydrofuran	0.319	0.284	0.280	0.268	0.280	0.287	0.286	6.09
30)	C	Chloroform	1.261	1.226	1.185	1.142	1.095	1.206	1.186	5.02#
31)	T	Cyclohexane		0.938	0.956	0.931	0.935	0.991	0.950	2.62
32)	T	1,1,1-Trichlor...	1.393	1.036	1.037	0.997	0.991	1.087	1.090	13.97
33)	S	1,2-Dichloroet...		0.863	0.691	0.745	0.689	0.785	0.755	9.62
34)	I	1,4-Difluorobenzene	----------	ISTD	----------					
35)	S	Dibromofluorom...		0.355	0.289	0.318	0.293	0.333	0.318	8.75
36)	T	1,1-Dichloropr...	0.545	0.420	0.422	0.408	0.415	0.444	0.442	11.69
37)	T	Ethyl Acetate	0.420	0.485	0.472	0.463	0.487	0.498	0.471	5.94
38)	T	Carbon Tetrach...	0.585	0.503	0.468	0.460	0.465	0.502	0.497	9.44
39)	T	Methylcyclohexane	0.662	0.555	0.556	0.551	0.583	0.614	0.587	7.49
40)	TM	Benzene	1.517	1.376	1.364	1.306	1.274	1.384	1.370	6.12
41)	T	Methacrylonitrile	0.310	0.277	0.257	0.254	0.273	0.274	0.274	7.24
42)	TM	1,2-Dichloroet...	0.552	0.494	0.491	0.477	0.473	0.513	0.500	5.79
43)	T	Isopropyl Acetate	0.981	0.845	0.850	0.815	0.831	0.875	0.866	6.88
44)	TM	Trichloroethene	0.338	0.319	0.324	0.316	0.324	0.355	0.329	4.46
45)	C	1,2-Dichloropr...	0.367	0.359	0.335	0.329	0.326	0.354	0.345	5.01#
46)	T	Dibromomethane	0.300	0.271	0.249	0.246	0.243	0.266	0.263	8.19
47)	T	Bromodichlorom...	0.634	0.530	0.518	0.508	0.499	0.542	0.538	9.13
48)	T	Methyl methacr...	0.389	0.390	0.408	0.399	0.403	0.423	0.402	3.21
49)	T	1,4-Dioxane	0.010	0.008	0.008	0.008	0.008	0.008	0.008	7.10
50)	S	Toluene-d8		1.270	1.051	1.111	1.001	1.104	1.108	9.12
51)	T	4-Methyl-2-Pen...	0.549	0.489	0.481	0.449	0.445	0.458	0.479	8.09
52)	CM	Toluene	0.941	0.864	0.849	0.805	0.769	0.804	0.839	7.25#
53)	T	t-1,3-Dichloro...	0.578	0.551	0.564	0.546	0.537	0.563	0.556	2.65
54)	T	cis-1,3-Dichlo...	0.684	0.589	0.603	0.574	0.567	0.603	0.603	7.02
55)	T	1,1,2-Trichlor...	0.401	0.342	0.341	0.319	0.312	0.321	0.339	9.61
56)	T	Ethyl methacry...	0.641	0.576	0.598	0.564	0.547	0.574	0.583	5.61

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
Method File : 82X011525W.M

57)	T	1,3-Dichloropr...	0.652	0.594	0.581	0.555	0.527	0.557	0.578	7.46
58)	T	2-Chloroethyl ...	0.377	0.281	0.252	0.273	0.265	0.271	0.286	15.86
59)	T	2-Hexanone	0.397	0.358	0.357	0.330	0.331	0.341	0.352	7.18
60)	T	Dibromochlorom...	0.449	0.407	0.399	0.381	0.369	0.386	0.398	7.06
61)	T	1,2-Dibromoethane	0.411	0.361	0.356	0.337	0.328	0.341	0.356	8.36
62)	S	4-Bromofluorob...		0.445	0.394	0.421	0.383	0.421	0.413	5.96
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.346	0.309	0.299	0.296	0.308	0.326	0.314	5.92
65)	PM	Chlorobenzene	1.178	1.085	1.036	1.008	0.998	1.067	1.062	6.18
66)	T	1,1,1,2-Tetrac...	0.420	0.398	0.376	0.367	0.361	0.394	0.386	5.72
67)	C	Ethyl Benzene	2.026	1.839	1.827	1.779	1.777	1.871	1.853	4.96#
68)	T	m/p-Xylenes	0.771	0.697	0.686	0.656	0.646	0.669	0.688	6.55
69)	T	o-Xylene	0.787	0.713	0.690	0.665	0.644	0.674	0.695	7.27
70)	T	Styrene	1.172	1.146	1.133	1.089	1.069	1.128	1.123	3.37
71)	P	Bromoform	0.333	0.315	0.302	0.302	0.304	0.331	0.314	4.58
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	4.514	4.259	4.043	3.917	3.790	3.985	4.085	6.40
74)	T	N-amyl acetate	2.228	2.047	1.969	1.900	1.882	2.055	2.013	6.32
75)	P	1,1,2,2-Tetrac...	1.618	1.510	1.398	1.302	1.267	1.370	1.411	9.35
76)	T	1,2,3-Trichlor...	1.321	1.369	1.173	1.102	1.140	1.176	1.213	8.76
77)	T	Bromobenzene	1.085	0.985	0.928	0.903	0.876	0.952	0.955	7.79
78)	T	n-propylbenzene	4.902	4.366	4.481	4.392	4.346	4.541	4.505	4.63
79)	T	2-Chlorotoluene	3.385	2.964	2.860	2.763	2.657	2.831	2.910	8.73
80)	T	1,3,5-Trimethy...	3.707	3.522	3.312	3.187	3.057	3.167	3.325	7.38
81)	T	trans-1,4-Dich...		0.535	0.517	0.512	0.522	0.567	0.531	4.15
82)	T	4-Chlorotoluene	3.509	3.220	3.182	3.075	2.978	3.161	3.188	5.64
83)	T	tert-Butylbenzene	4.017	3.693	3.410	3.304	3.137	3.300	3.477	9.27
84)	T	1,2,4-Trimethy...	3.967	3.380	3.346	3.211	3.097	3.273	3.379	9.04
85)	T	sec-Butylbenzene	4.515	4.037	3.977	3.895	3.855	4.009	4.048	5.90
86)	T	p-Isopropyltol...	3.663	3.337	3.277	3.222	3.161	3.303	3.327	5.29
87)	T	1,3-Dichlorobe...	1.733	1.641	1.619	1.613	1.608	1.720	1.656	3.38
88)	T	1,4-Dichlorobe...	1.911	1.664	1.606	1.577	1.579	1.705	1.674	7.58
89)	T	n-Butylbenzene	2.992	2.713	2.770	2.806	2.878	2.986	2.857	4.02
90)	T	Hexachloroethane	0.957	0.755	0.704	0.690	0.678	0.736	0.753	13.77
91)	T	1,2-Dichlorobe...	1.919	1.756	1.665	1.626	1.548	1.687	1.700	7.48
92)	T	1,2-Dibromo-3-...	0.407	0.355	0.320	0.310	0.322	0.356	0.345	10.33
93)	T	1,2,4-Trichlor...	0.956	0.943	0.945	1.031	1.061	1.163	1.016	8.54
94)	T	Hexachlorobuta...	0.419	0.384	0.373	0.393	0.401	0.426	0.399	5.14
95)	T	Naphthalene	4.049	3.759	3.797	3.814	3.860	4.244	3.920	4.80
96)	T	1,2,3-Trichlor...	1.058	0.993	1.006	1.055	1.055	1.156	1.054	5.44

(#) = Out of Range

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011525\
Data File : VX044648.D
Acq On : 15 Jan 2025 10:31
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025

Quant Time: Jan 16 00:58:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 16 00:57:36 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	5.538	168	214233	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	6.751	114	389452	50.000	ug/l		0.00
63) Chlorobenzene-d5	10.049	117	329917	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	135288	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l		
Spiked Amount 50.000	Range 74 - 125		Recovery =	0.000%#			
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l		
Spiked Amount 50.000	Range 75 - 124		Recovery =	0.000%#			
50) Toluene-d8	0.000	98	0d	0.000	ug/l		
Spiked Amount 50.000	Range 86 - 113		Recovery =	0.000%#			
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l		
Spiked Amount 50.000	Range 77 - 121		Recovery =	0.000%#			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.167	85	2555	0.886	ug/l		97
3) Chloromethane	1.295	50	3539	1.135	ug/l		96
4) Vinyl Chloride	1.374	62	3434	1.115	ug/l	#	64
6) Chloroethane	1.660	64	708	1.253	ug/l	#	83
7) Trichlorofluoromethane	1.862	101	3682	1.082	ug/l		89
8) Diethyl Ether	2.130	74	1689	1.229	ug/l		87
9) 1,1,2-Trichlorotrifluo...	2.313	101	2905	1.135	ug/l	#	88
12) 1,1-Dichloroethene	2.313	96	2735	1.090	ug/l		82
14) Allyl chloride	2.654	41	6137	1.257	ug/l		88
15) Acrylonitrile	3.069	53	7502	5.306	ug/l		95
16) Acetone	2.386	43	7914	6.186	ug/l		97
17) Carbon Disulfide	2.496	76	7240	1.058	ug/l		96
18) Methyl Acetate	2.703	43	4460	1.130	ug/l		97
19) Methyl tert-butyl Ether	3.111	73	9974	1.098	ug/l		96
20) Methylene Chloride	2.782	84	3548	1.191	ug/l		94
21) trans-1,2-Dichloroethene	3.087	96	3164	1.208	ug/l		94
22) Diisopropyl ether	3.758	45	9038	1.065	ug/l	#	76
23) Vinyl Acetate	3.721	43	39593	5.328	ug/l		98
24) 1,1-Dichloroethane	3.599	63	5359	1.064	ug/l		98
25) 2-Butanone	4.574	43	9672	5.085	ug/l		94
26) 2,2-Dichloropropane	4.459	77	5837	1.196	ug/l		95
27) cis-1,2-Dichloroethene	4.483	96	4029	1.223	ug/l		87
28) Bromochloromethane	4.891	49	2733	1.162	ug/l	#	95
29) Tetrahydrofuran	5.019	42	6842	5.576	ug/l		98
30) Chloroform	5.087	83	5401	1.063	ug/l		85
32) 1,1,1-Trichloroethane	5.379	97	5968	1.278	ug/l	#	47
36) 1,1-Dichloropropene	5.678	75	4243	1.232	ug/l	#	92
37) Ethyl Acetate	4.727	43	3269	0.891	ug/l	#	88
38) Carbon Tetrachloride	5.666	117	4558	1.177	ug/l		85
39) Methylcyclohexane	7.367	83	5156	1.128	ug/l		98
40) Benzene	6.025	78	11813	1.107	ug/l		97
41) Methacrylonitrile	4.928	41	2415m	1.146	ug/l		
42) 1,2-Dichloroethane	6.092	62	4299	1.104	ug/l		91
43) Isopropyl Acetate	6.355	43	7640	1.132	ug/l		96
44) Trichloroethene	7.123	130	2633	1.026	ug/l		91
45) 1,2-Dichloropropane	7.434	63	2857	1.064	ug/l		99

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011525\
Data File : VX044648.D
Acq On : 15 Jan 2025 10:31
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 16 00:58:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 16 00:57:36 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) Dibromomethane	7.580	93	2337	1.143	ug/l		94
47) Bromodichloromethane	7.818	83	4937	1.177	ug/l		89
48) Methyl methacrylate	7.702	41	3029	0.967	ug/l		91
49) 1,4-Dioxane	7.696	88	1485	22.727	ug/l	#	87
51) 4-Methyl-2-Pentanone	8.580	43	21388	5.736	ug/l		100
52) Toluene	8.714	92	7332	1.122	ug/l		93
53) t-1,3-Dichloropropene	8.982	75	4499	1.038	ug/l		99
54) cis-1,3-Dichloropropene	8.373	75	5328	1.134	ug/l	#	87
55) 1,1,2-Trichloroethane	9.153	97	3124	1.182	ug/l		91
56) Ethyl methacrylate	9.122	69	4994	1.099	ug/l		89
57) 1,3-Dichloropropane	9.311	76	5078	1.128	ug/l		92
58) 2-Chloroethyl Vinyl ether	8.245	63	14681	6.581	ug/l		98
59) 2-Hexanone	9.439	43	15480	5.643	ug/l		98
60) Dibromochloromethane	9.519	129	3495	1.127	ug/l		100
61) 1,2-Dibromoethane	9.610	107	3200	1.155	ug/l		96
64) Tetrachloroethene	9.269	164	2280	1.101	ug/l		87
65) Chlorobenzene	10.073	112	7770	1.109	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.159	131	2769	1.087	ug/l	#	62
67) Ethyl Benzene	10.195	91	13366	1.093	ug/l		93
68) m/p-Xylenes	10.299	106	10180	2.244	ug/l		100
69) o-Xylene	10.640	106	5193	1.132	ug/l		97
70) Styrene	10.659	104	7732	1.044	ug/l		93
71) Bromoform	10.799	173	2194	1.058	ug/l	#	93
73) Isopropylbenzene	10.964	105	12214	1.105	ug/l		97
74) N-amyl acetate	10.848	43	6028	1.107	ug/l		97
75) 1,1,2,2-Tetrachloroethane	11.214	83	4377	1.147	ug/l		91
76) 1,2,3-Trichloropropane	11.244	75	3574m	1.119	ug/l		
77) Bromobenzene	11.201	156	2937	1.137	ug/l		93
78) n-propylbenzene	11.305	91	13264	1.088	ug/l		98
79) 2-Chlorotoluene	11.366	91	9159	1.163	ug/l		98
80) 1,3,5-Trimethylbenzene	11.451	105	10031	1.115	ug/l		97
82) 4-Chlorotoluene	11.457	91	9494	1.101	ug/l		93
83) tert-Butylbenzene	11.713	119	10869	1.155	ug/l		96
84) 1,2,4-Trimethylbenzene	11.750	105	10735	1.174	ug/l		94
85) sec-Butylbenzene	11.890	105	12217	1.115	ug/l		99
86) p-Isopropyltoluene	12.012	119	9910	1.101	ug/l		90
87) 1,3-Dichlorobenzene	11.969	146	4688	1.046	ug/l		97
88) 1,4-Dichlorobenzene	12.037	146	5172m	1.163	ug/l		
89) n-Butylbenzene	12.335	91	8095	1.047	ug/l		94
90) Hexachloroethane	12.536	117	2589	1.270	ug/l		92
91) 1,2-Dichlorobenzene	12.341	146	5192	1.128	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	1100	1.178	ug/l		97
93) 1,2,4-Trichlorobenzene	13.591	180	2587	0.941	ug/l		92
94) Hexachlorobutadiene	13.725	225	1133	1.049	ug/l		91
95) Naphthalene	13.780	128	10956	1.033	ug/l		99
96) 1,2,3-Trichlorobenzene	13.963	180	2863	1.004	ug/l		96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

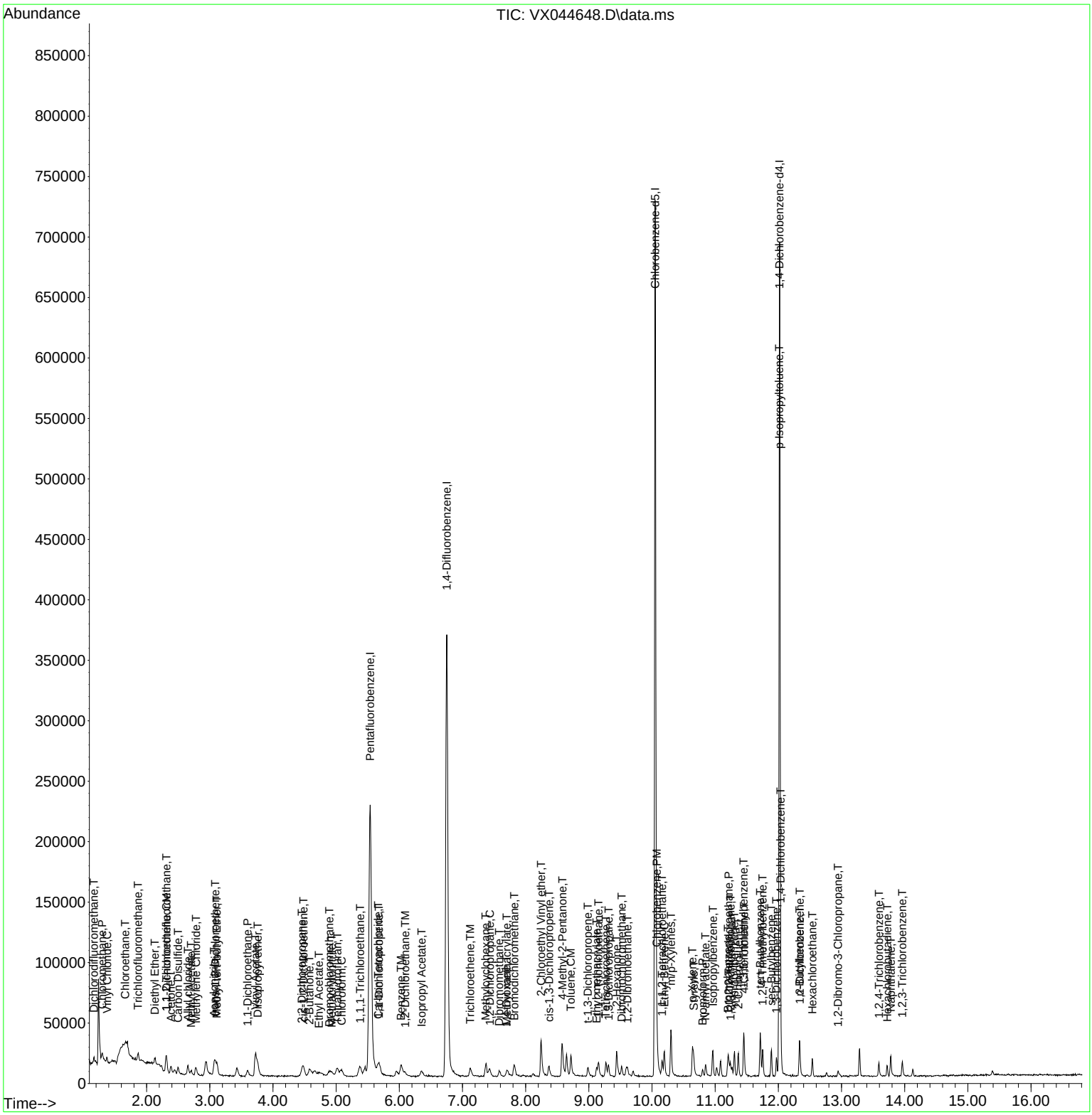
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011525\
Data File : VX044648.D
Acq On : 15 Jan 2025 10:31
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 16 00:58:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 16 00:57:36 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011525\
Data File : VX044649.D
Acq On : 15 Jan 2025 11:17
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025

Quant Time: Jan 16 00:59:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 16 00:57:36 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	5.544	168	194627	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	6.751	114	357706	50.000	ug/l		0.00
63) Chlorobenzene-d5	10.049	117	300165	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	123491	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.958	65	16795	5.717	ug/l		0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	11.440%#			
35) Dibromofluoromethane	5.379	113	12712	5.594	ug/l		0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	11.180%#			
50) Toluene-d8	8.647	98	45425	5.733	ug/l		0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	11.460%#			
62) 4-Bromofluorobenzene	11.079	95	15909	5.386	ug/l		0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	10.780%#			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.166	85	11790	4.502	ug/l		96
3) Chloromethane	1.301	50	13859	4.893	ug/l		99
4) Vinyl Chloride	1.374	62	13246	4.734	ug/l		97
5) Bromomethane	1.593	94	3303	4.943	ug/l		98
6) Chloroethane	1.660	64	2387	4.652	ug/l	#	83
7) Trichlorofluoromethane	1.868	101	14571	4.711	ug/l		95
8) Diethyl Ether	2.136	74	6231	4.992	ug/l		100
9) 1,1,2-Trichlorotrifluo...	2.319	101	10967	4.717	ug/l		99
10) Methyl Iodide	2.441	142	15920	5.016	ug/l		99
11) Tert butyl alcohol	2.989	59	20543m	31.009	ug/l		
12) 1,1-Dichloroethene	2.307	96	10636	4.667	ug/l		91
13) Acrolein	2.239	56	11045	35.838	ug/l		95
14) Allyl chloride	2.654	41	21748	4.901	ug/l		97
15) Acrylonitrile	3.069	53	32783	25.521	ug/l		98
16) Acetone	2.386	43	26927	23.167	ug/l		97
17) Carbon Disulfide	2.502	76	30278	4.869	ug/l		97
18) Methyl Acetate	2.703	43	16192	4.516	ug/l		95
19) Methyl tert-butyl Ether	3.117	73	41254	4.998	ug/l		100
20) Methylene Chloride	2.782	84	13610	5.028	ug/l		97
21) trans-1,2-Dichloroethene	3.087	96	11813	4.965	ug/l		98
22) Diisopropyl ether	3.764	45	39716	5.149	ug/l		92
23) Vinyl Acetate	3.721	43	175668	26.022	ug/l		99
24) 1,1-Dichloroethane	3.605	63	22655	4.953	ug/l		98
25) 2-Butanone	4.568	43	43210	25.004	ug/l		96
26) 2,2-Dichloropropane	4.465	77	21972	4.957	ug/l		98
27) cis-1,2-Dichloroethene	4.483	96	14297	4.777	ug/l		97
28) Bromochloromethane	4.891	49	10785	5.046	ug/l		100
29) Tetrahydrofuran	5.007	42	27602	24.762	ug/l		98
30) Chloroform	5.086	83	23860	5.169	ug/l		93
31) Cyclohexane	5.458	56	18252	4.934	ug/l		94
32) 1,1,1-Trichloroethane	5.373	97	20169	4.753	ug/l		99
36) 1,1-Dichloropropene	5.690	75	15040	4.754	ug/l		94
37) Ethyl Acetate	4.721	43	17349	5.150	ug/l		95
38) Carbon Tetrachloride	5.666	117	17983	5.054	ug/l		92
39) Methylcyclohexane	7.373	83	19848	4.727	ug/l		95
40) Benzene	6.038	78	49235	5.023	ug/l		98

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011525\
Data File : VX044649.D
Acq On : 15 Jan 2025 11:17
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 16 00:59:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 16 00:57:36 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.934	41	9920	5.124	ug/l		98
42) 1,2-Dichloroethane	6.086	62	17678	4.941	ug/l		97
43) Isopropyl Acetate	6.342	43	30226	4.877	ug/l		99
44) Trichloroethene	7.123	130	11427	4.849	ug/l		97
45) 1,2-Dichloropropane	7.428	63	12829	5.199	ug/l		97
46) Dibromomethane	7.580	93	9684	5.156	ug/l		94
47) Bromodichloromethane	7.818	83	18964	4.923	ug/l		94
48) Methyl methacrylate	7.696	41	13933	4.844	ug/l		97
49) 1,4-Dioxane	7.677	88	5674	94.542	ug/l		96
51) 4-Methyl-2-Pentanone	8.574	43	87503	25.551	ug/l		98
52) Toluene	8.714	92	30892	5.149	ug/l		97
53) t-1,3-Dichloropropene	8.976	75	19714	4.954	ug/l		98
54) cis-1,3-Dichloropropene	8.366	75	21054	4.879	ug/l		96
55) 1,1,2-Trichloroethane	9.153	97	12227	5.037	ug/l		99
56) Ethyl methacrylate	9.116	69	20596	4.935	ug/l		96
57) 1,3-Dichloropropane	9.305	76	21253	5.142	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.238	63	50319	24.557	ug/l		100
59) 2-Hexanone	9.433	43	63985	25.395	ug/l		100
60) Dibromochloromethane	9.519	129	14553	5.108	ug/l		99
61) 1,2-Dibromoethane	9.610	107	12916	5.077	ug/l		97
64) Tetrachloroethene	9.269	164	9274	4.920	ug/l		93
65) Chlorobenzene	10.073	112	32572	5.109	ug/l		97
66) 1,1,1,2-Tetrachloroethane	10.159	131	11955	5.160	ug/l		98
67) Ethyl Benzene	10.189	91	55208	4.963	ug/l		98
68) m/p-Xylenes	10.299	106	41816	10.129	ug/l		99
69) o-Xylene	10.640	106	21392	5.124	ug/l		96
70) Styrene	10.653	104	34407	5.105	ug/l		98
71) Bromoform	10.799	173	9452	5.012	ug/l	#	97
73) Isopropylbenzene	10.963	105	52599	5.214	ug/l		100
74) N-amyl acetate	10.842	43	25282	5.084	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.213	83	18645	5.351	ug/l		98
76) 1,2,3-Trichloropropane	11.238	75	16903m	5.796	ug/l		
77) Bromobenzene	11.201	156	12158	5.156	ug/l		96
78) n-propylbenzene	11.305	91	53913	4.846	ug/l		99
79) 2-Chlorotoluene	11.366	91	36602	5.093	ug/l		98
80) 1,3,5-Trimethylbenzene	11.451	105	43488	5.295	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	6607	5.042	ug/l		95
82) 4-Chlorotoluene	11.451	91	39763	5.051	ug/l		99
83) tert-Butylbenzene	11.713	119	45606	5.311	ug/l		98
84) 1,2,4-Trimethylbenzene	11.750	105	41737	5.001	ug/l		99
85) sec-Butylbenzene	11.890	105	49858	4.987	ug/l		99
86) p-Isopropyltoluene	12.006	119	41214	5.016	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	20268	4.956	ug/l		100
88) 1,4-Dichlorobenzene	12.043	146	20555	5.062	ug/l		93
89) n-Butylbenzene	12.329	91	33505	4.747	ug/l		98
90) Hexachloroethane	12.536	117	9325	5.012	ug/l		97
91) 1,2-Dichlorobenzene	12.335	146	21690	5.165	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	4384	5.145	ug/l		96
93) 1,2,4-Trichlorobenzene	13.591	180	11649	4.640	ug/l		99
94) Hexachlorobutadiene	13.725	225	4738	4.804	ug/l		99
95) Naphthalene	13.774	128	46418	4.794	ug/l		99
96) 1,2,3-Trichlorobenzene	13.957	180	12258	4.710	ug/l		96

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011525\
Data File : VX044649.D
Acq On : 15 Jan 2025 11:17
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025

Quant Time: Jan 16 00:59:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 16 00:57:36 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

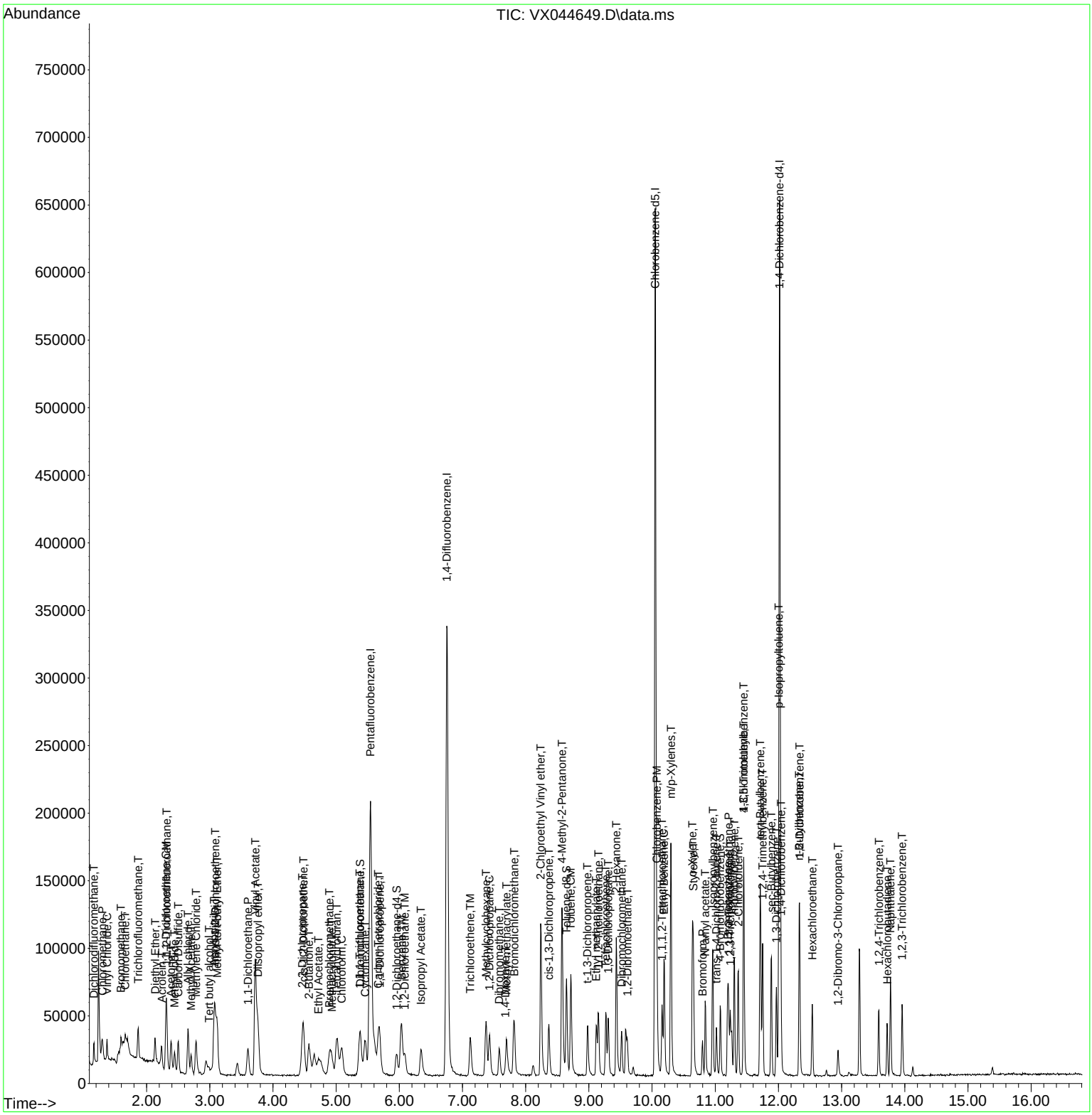
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011525\
Data File : VX044649.D
Acq On : 15 Jan 2025 11:17
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 16 00:59:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 16 00:57:36 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011525\
Data File : VX044650.D
Acq On : 15 Jan 2025 11:40
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025

Quant Time: Jan 16 00:59:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 16 00:57:36 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	189658	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	351528	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	305422	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	130861	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	52421	18.311	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	36.620%#		
35) Dibromofluoromethane	5.379	113	40585	18.173	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	36.340%#		
50) Toluene-d8	8.647	98	147843	18.987	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	37.980%#		
62) 4-Bromofluorobenzene	11.079	95	55407	19.087	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	38.180%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	48623	19.052	ug/l	97
3) Chloromethane	1.295	50	54827	19.866	ug/l	97
4) Vinyl Chloride	1.374	62	51689	18.955	ug/l	98
5) Bromomethane	1.593	94	12588	19.333	ug/l	98
6) Chloroethane	1.660	64	8576	17.150	ug/l	98
7) Trichlorofluoromethane	1.868	101	57313	19.017	ug/l	100
8) Diethyl Ether	2.136	74	23029	18.934	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.319	101	42608	18.807	ug/l	98
10) Methyl Iodide	2.441	142	63102	20.401	ug/l	99
11) Tert butyl alcohol	2.977	59	62614m	96.990	ug/l	
12) 1,1-Dichloroethene	2.307	96	43408	19.547	ug/l	98
13) Acrolein	2.233	56	24912	82.949	ug/l	93
14) Allyl chloride	2.654	41	81766	18.911	ug/l	100
15) Acrylonitrile	3.063	53	123315	98.515	ug/l	98
16) Acetone	2.386	43	103836	91.678	ug/l	98
17) Carbon Disulfide	2.502	76	119145	19.662	ug/l	100
18) Methyl Acetate	2.703	43	62684	17.939	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	158601	19.718	ug/l	98
20) Methylene Chloride	2.782	84	51758	19.623	ug/l	98
21) trans-1,2-Dichloroethene	3.081	96	44786	19.317	ug/l	95
22) Diisopropyl ether	3.758	45	151033	20.095	ug/l	94
23) Vinyl Acetate	3.715	43	666641	101.337	ug/l	100
24) 1,1-Dichloroethane	3.605	63	88060	19.758	ug/l	100
25) 2-Butanone	4.556	43	168309	99.946	ug/l	99
26) 2,2-Dichloropropane	4.465	77	82977	19.209	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	56594	19.406	ug/l	99
28) Bromochloromethane	4.891	49	39526	18.978	ug/l	98
29) Tetrahydrofuran	5.001	42	106241	97.807	ug/l	100
30) Chloroform	5.087	83	89891	19.985	ug/l	99
31) Cyclohexane	5.458	56	72527	20.120	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	78644	19.019	ug/l	100
36) 1,1-Dichloropropene	5.684	75	59303	19.076	ug/l	99
37) Ethyl Acetate	4.715	43	66324	20.034	ug/l	98
38) Carbon Tetrachloride	5.666	117	65838	18.829	ug/l	95
39) Methylcyclohexane	7.373	83	78248	18.961	ug/l	97
40) Benzene	6.032	78	191801	19.911	ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011525\
Data File : VX044650.D
Acq On : 15 Jan 2025 11:40
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025

Quant Time: Jan 16 00:59:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 16 00:57:36 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.916	41	36180	19.016	ug/l		98
42) 1,2-Dichloroethane	6.080	62	69034	19.635	ug/l		99
43) Isopropyl Acetate	6.336	43	119568	19.633	ug/l		99
44) Trichloroethene	7.117	130	45597	19.689	ug/l		94
45) 1,2-Dichloropropane	7.428	63	47111	19.429	ug/l		100
46) Dibromomethane	7.580	93	35056	18.991	ug/l		98
47) Bromodichloromethane	7.818	83	72837	19.241	ug/l		94
48) Methyl methacrylate	7.690	41	57413	20.310	ug/l		99
49) 1,4-Dioxane	7.665	88	23433	397.311	ug/l		97
51) 4-Methyl-2-Pentanone	8.574	43	338304	100.520	ug/l		99
52) Toluene	8.714	92	119410	20.253	ug/l		100
53) t-1,3-Dichloropropene	8.976	75	79260	20.266	ug/l		98
54) cis-1,3-Dichloropropene	8.366	75	84851	20.008	ug/l		99
55) 1,1,2-Trichloroethane	9.147	97	47930	20.093	ug/l		97
56) Ethyl methacrylate	9.116	69	84067	20.496	ug/l		98
57) 1,3-Dichloropropane	9.305	76	81718	20.117	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.238	63	176999	87.899	ug/l		99
59) 2-Hexanone	9.427	43	250792	101.288	ug/l		99
60) Dibromochloromethane	9.519	129	56038	20.015	ug/l		99
61) 1,2-Dibromoethane	9.604	107	50060	20.025	ug/l		99
64) Tetrachloroethene	9.269	164	36566	19.066	ug/l		96
65) Chlorobenzene	10.073	112	126540	19.506	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.159	131	45959	19.493	ug/l		99
67) Ethyl Benzene	10.189	91	223249	19.723	ug/l		99
68) m/p-Xylenes	10.299	106	167689	39.921	ug/l		100
69) o-Xylene	10.640	106	84280	19.840	ug/l		99
70) Styrene	10.653	104	138465	20.189	ug/l		99
71) Bromoform	10.799	173	36839	19.198	ug/l	#	98
73) Isopropylbenzene	10.957	105	211633	19.797	ug/l		99
74) N-amyl acetate	10.842	43	103040	19.555	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	73190	19.823	ug/l		98
76) 1,2,3-Trichloropropane	11.238	75	61409m	19.870	ug/l		
77) Bromobenzene	11.195	156	48555	19.432	ug/l		100
78) n-propylbenzene	11.299	91	234567	19.896	ug/l		100
79) 2-Chlorotoluene	11.360	91	149688	19.655	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	173348	19.919	ug/l		98
81) trans-1,4-Dichloro-2-b...	11.018	75	27061	19.486	ug/l		98
82) 4-Chlorotoluene	11.451	91	166586	19.968	ug/l		100
83) tert-Butylbenzene	11.713	119	178504	19.617	ug/l		100
84) 1,2,4-Trimethylbenzene	11.750	105	175164	19.807	ug/l		99
85) sec-Butylbenzene	11.890	105	208186	19.649	ug/l		100
86) p-Isopropyltoluene	12.006	119	171507	19.697	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	84759	19.560	ug/l		100
88) 1,4-Dichlorobenzene	12.037	146	84055	19.536	ug/l		100
89) n-Butylbenzene	12.329	91	145015	19.391	ug/l		99
90) Hexachloroethane	12.536	117	36858	18.693	ug/l		99
91) 1,2-Dichlorobenzene	12.335	146	87147	19.582	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	16770	18.572	ug/l		99
93) 1,2,4-Trichlorobenzene	13.585	180	49471	18.595	ug/l		98
94) Hexachlorobutadiene	13.719	225	19513	18.672	ug/l		99
95) Naphthalene	13.774	128	198769	19.372	ug/l		99
96) 1,2,3-Trichlorobenzene	13.957	180	52651	19.093	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011525\
Data File : VX044650.D
Acq On : 15 Jan 2025 11:40
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025

Quant Time: Jan 16 00:59:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 16 00:57:36 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

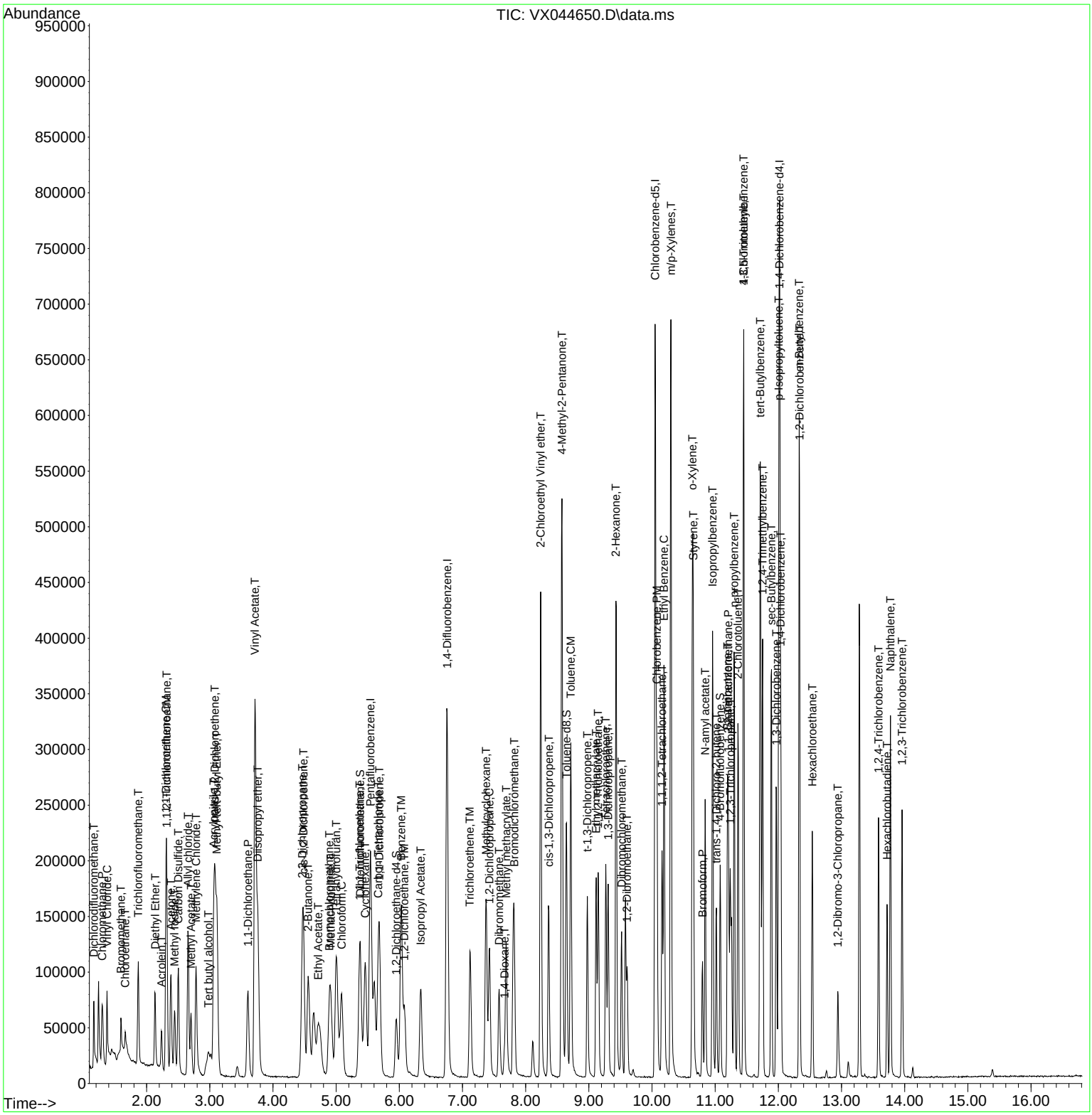
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011525\
Data File : VX044650.D
Acq On : 15 Jan 2025 11:40
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 16 00:59:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 16 00:57:36 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011525\
Data File : VX044651.D
Acq On : 15 Jan 2025 12:02
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025

Quant Time: Jan 16 01:00:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 16 00:57:36 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	191095	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	351701	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	301141	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	127832	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	142316	49.339	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 98.680%			
35) Dibromofluoromethane	5.379	113	111739	50.011	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.020%			
50) Toluene-d8	8.647	98	390660	50.145	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.300%			
62) 4-Bromofluorobenzene	11.079	95	148223	51.037	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.080%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	129814	50.482	ug/l	100
3) Chloromethane	1.300	50	135661	48.786	ug/l	100
4) Vinyl Chloride	1.374	62	134180	48.836	ug/l	100
5) Bromomethane	1.593	94	32585	49.668	ug/l	100
6) Chloroethane	1.660	64	22356	44.371	ug/l	100
7) Trichlorofluoromethane	1.867	101	146280	48.172	ug/l	100
8) Diethyl Ether	2.136	74	55843	45.569	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.319	101	105786	46.343	ug/l	100
10) Methyl Iodide	2.440	142	154347	49.525	ug/l	100
11) Tert butyl alcohol	2.983	59	144614m	222.325	ug/l	
12) 1,1-Dichloroethene	2.306	96	108167	48.342	ug/l	100
13) Acrolein	2.239	56	64703	213.821	ug/l	100
14) Allyl chloride	2.654	41	200446	46.011	ug/l	100
15) Acrylonitrile	3.062	53	298629	236.777	ug/l	100
16) Acetone	2.386	43	255513	223.898	ug/l	100
17) Carbon Disulfide	2.501	76	295098	48.333	ug/l	100
18) Methyl Acetate	2.703	43	168213	47.777	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	388306	47.913	ug/l	100
20) Methylene Chloride	2.782	84	124271	46.761	ug/l	100
21) trans-1,2-Dichloroethene	3.081	96	108489	46.441	ug/l	100
22) Diisopropyl ether	3.757	45	363224	47.964	ug/l	100
23) Vinyl Acetate	3.715	43	1576614	237.862	ug/l	100
24) 1,1-Dichloroethane	3.599	63	215178	47.915	ug/l	100
25) 2-Butanone	4.556	43	407104	239.931	ug/l	100
26) 2,2-Dichloropropane	4.465	77	201388	46.271	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	137091	46.654	ug/l	100
28) Bromochloromethane	4.891	49	101453	48.346	ug/l	100
29) Tetrahydrofuran	5.001	42	256051	233.952	ug/l	100
30) Chloroform	5.086	83	218193	48.144	ug/l	100
31) Cyclohexane	5.458	56	177904	48.981	ug/l	100
32) 1,1,1-Trichloroethane	5.373	97	190478	45.718	ug/l	100
36) 1,1-Dichloropropene	5.684	75	143445	46.120	ug/l	100
37) Ethyl Acetate	4.708	43	162853	49.168	ug/l	100
38) Carbon Tetrachloride	5.672	117	161882	46.273	ug/l	100
39) Methylcyclohexane	7.373	83	193759	46.929	ug/l	100
40) Benzene	6.031	78	459433	47.670	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011525\
Data File : VX044651.D
Acq On : 15 Jan 2025 12:02
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025

Quant Time: Jan 16 01:00:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 16 00:57:36 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	89498	47.017	ug/l	100
42) 1,2-Dichloroethane	6.080	62	167878	47.725	ug/l	100
43) Isopropyl Acetate	6.336	43	286693	47.053	ug/l	100
44) Trichloroethene	7.116	130	111112	47.956	ug/l	100
45) 1,2-Dichloropropane	7.427	63	115621	47.660	ug/l	100
46) Dibromomethane	7.574	93	86455	46.813	ug/l	100
47) Bromodichloromethane	7.818	83	178531	47.138	ug/l	100
48) Methyl methacrylate	7.690	41	140450	49.659	ug/l	100
49) 1,4-Dioxane	7.665	88	55679	943.583	ug/l	100
51) 4-Methyl-2-Pentanone	8.574	43	790152	234.662	ug/l	100
52) Toluene	8.714	92	283156	48.001	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	191876	49.036	ug/l	100
54) cis-1,3-Dichloropropene	8.360	75	201804	47.563	ug/l	100
55) 1,1,2-Trichloroethane	9.147	97	112274	47.043	ug/l	100
56) Ethyl methacrylate	9.116	69	198422	48.353	ug/l	100
57) 1,3-Dichloropropane	9.305	76	195182	48.025	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	479521	238.018	ug/l	100
59) 2-Hexanone	9.433	43	580029	234.142	ug/l	100
60) Dibromochloromethane	9.518	129	133941	47.816	ug/l	100
61) 1,2-Dibromoethane	9.604	107	118382	47.331	ug/l	100
64) Tetrachloroethene	9.269	164	89149	47.145	ug/l	100
65) Chlorobenzene	10.073	112	303658	47.474	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	110395	47.490	ug/l	100
67) Ethyl Benzene	10.189	91	535714	48.000	ug/l	100
68) m/p-Xylenes	10.299	106	395084	95.393	ug/l	100
69) o-Xylene	10.640	106	200396	47.845	ug/l	100
70) Styrene	10.652	104	327844	48.481	ug/l	100
71) Bromoform	10.799	173	90837	48.011	ug/l	100
73) Isopropylbenzene	10.957	105	500669	47.943	ug/l	100
74) N-amyl acetate	10.841	43	242893	47.188	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	166468	46.155	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	140834m	46.648	ug/l	
77) Bromobenzene	11.195	156	115377	47.268	ug/l	100
78) n-propylbenzene	11.299	91	561396	48.746	ug/l	100
79) 2-Chlorotoluene	11.360	91	353178	47.474	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	407362	47.918	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	65476	48.266	ug/l	100
82) 4-Chlorotoluene	11.451	91	393120	48.238	ug/l	100
83) tert-Butylbenzene	11.713	119	422348	47.513	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	410477	47.515	ug/l	100
85) sec-Butylbenzene	11.890	105	497964	48.113	ug/l	100
86) p-Isopropyltoluene	12.006	119	411853	48.421	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	206233	48.720	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	201574	47.960	ug/l	100
89) n-Butylbenzene	12.329	91	358698	49.100	ug/l	100
90) Hexachloroethane	12.536	117	88230	45.808	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	207903	47.824	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	39659	44.962	ug/l	100
93) 1,2,4-Trichlorobenzene	13.585	180	131779	50.708	ug/l	100
94) Hexachlorobutadiene	13.725	225	50255	49.230	ug/l	100
95) Naphthalene	13.774	128	487525	48.639	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	134816	50.047	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011525\
Data File : VX044651.D
Acq On : 15 Jan 2025 12:02
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025

Quant Time: Jan 16 01:00:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 16 00:57:36 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

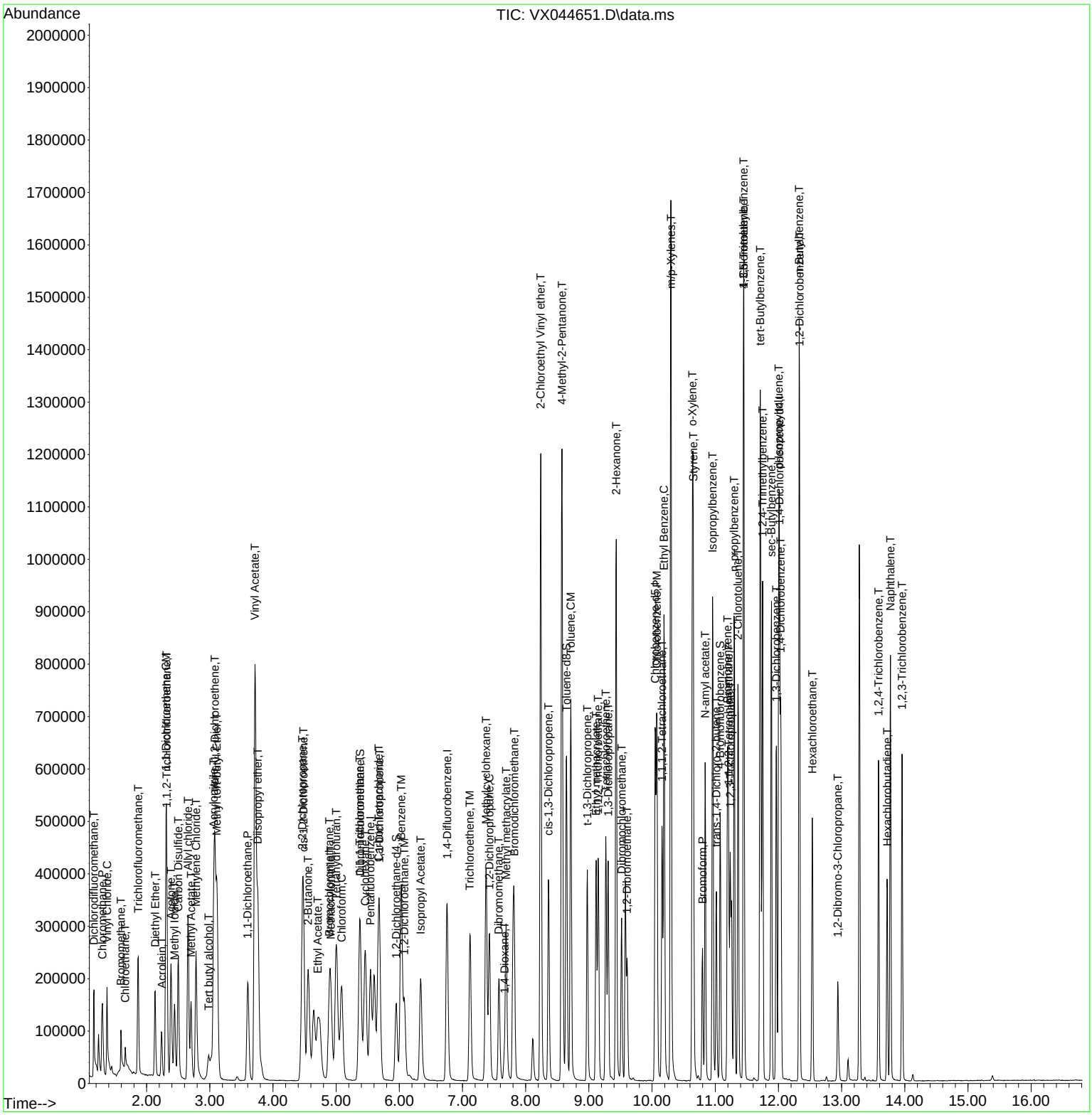
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011525\
Data File : VX044651.D
Acq On : 15 Jan 2025 12:02
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 16 01:00:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 16 00:57:36 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011525\
Data File : VX044652.D
Acq On : 15 Jan 2025 13:14
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025

Quant Time: Jan 16 01:01:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 16 00:57:36 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.538	168	170573	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	308450	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	255886	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	110019	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	235193	91.349	ug/l	-0.01
Spiked Amount 50.000	Range 74 - 125		Recovery = 182.700%#			
35) Dibromofluoromethane	5.373	113	181010	92.374	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 184.740%#			
50) Toluene-d8	8.641	98	617688	90.404	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 180.800%#			
62) 4-Bromofluorobenzene	11.079	95	236119	92.702	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 185.400%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	256287	111.657	ug/l	99
3) Chloromethane	1.301	50	232745	93.768	ug/l	100
4) Vinyl Chloride	1.374	62	238376	97.198	ug/l	100
5) Bromomethane	1.593	94	57815	98.728	ug/l	94
6) Chloroethane	1.660	64	42244	93.931	ug/l	97
7) Trichlorofluoromethane	1.861	101	275756	101.736	ug/l	99
8) Diethyl Ether	2.130	74	99765	91.205	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.313	101	203976	100.109	ug/l	99
10) Methyl Iodide	2.441	142	272297	97.884	ug/l	99
11) Tert butyl alcohol	3.026	59	259620m	447.152	ug/l	
12) 1,1-Dichloroethene	2.306	96	194870	97.570	ug/l	98
13) Acrolein	2.233	56	116830	432.534	ug/l	98
14) Allyl chloride	2.654	41	358388	92.162	ug/l	100
15) Acrylonitrile	3.062	53	560841	498.179	ug/l	100
16) Acetone	2.386	43	527741	518.081	ug/l	100
17) Carbon Disulfide	2.495	76	529418	97.144	ug/l	99
18) Methyl Acetate	2.697	43	321291	102.235	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	681776	94.245	ug/l	99
20) Methylene Chloride	2.776	84	216105	91.100	ug/l	97
21) trans-1,2-Dichloroethene	3.081	96	190588	91.400	ug/l	99
22) Diisopropyl ether	3.751	45	632562	93.579	ug/l	100
23) Vinyl Acetate	3.715	43	2791754	471.863	ug/l	100
24) 1,1-Dichloroethane	3.599	63	378924	94.530	ug/l	99
25) 2-Butanone	4.550	43	765500	505.435	ug/l	100
26) 2,2-Dichloropropane	4.458	77	357666	92.064	ug/l	99
27) cis-1,2-Dichloroethene	4.471	96	240149	91.559	ug/l	99
28) Bromochloromethane	4.885	49	179896	96.041	ug/l	100
29) Tetrahydrofuran	4.995	42	477227	488.500	ug/l	100
30) Chloroform	5.080	83	373681	92.373	ug/l	99
31) Cyclohexane	5.452	56	319131	98.436	ug/l	98
32) 1,1,1-Trichloroethane	5.367	97	338119	90.918	ug/l	99
36) 1,1-Dichloropropene	5.678	75	255714	93.746	ug/l	99
37) Ethyl Acetate	4.702	43	300700	103.517	ug/l	99
38) Carbon Tetrachloride	5.666	117	287048	93.555	ug/l	99
39) Methylcyclohexane	7.367	83	359758	99.352	ug/l	98
40) Benzene	6.025	78	785626	92.946	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011525\
Data File : VX044652.D
Acq On : 15 Jan 2025 13:14
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 16 01:01:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 16 00:57:36 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.910	41	168481	100.920	ug/l		98
42) 1,2-Dichloroethane	6.074	62	292036	94.663	ug/l		99
43) Isopropyl Acetate	6.330	43	512598	95.925	ug/l		99
44) Trichloroethene	7.117	130	199570	98.212	ug/l		96
45) 1,2-Dichloropropane	7.421	63	200877	94.413	ug/l		99
46) Dibromomethane	7.568	93	150112	92.680	ug/l		98
47) Bromodichloromethane	7.812	83	307990	92.723	ug/l		99
48) Methyl methacrylate	7.684	41	248667	100.250	ug/l		100
49) 1,4-Dioxane	7.665	88	101384	1959.056	ug/l		99
51) 4-Methyl-2-Pentanone	8.574	43	1372888	464.897	ug/l		100
52) Toluene	8.708	92	474392	91.697	ug/l		100
53) t-1,3-Dichloropropene	8.970	75	330982	96.446	ug/l		98
54) cis-1,3-Dichloropropene	8.360	75	349516	93.927	ug/l		98
55) 1,1,2-Trichloroethane	9.147	97	192326	91.885	ug/l		98
56) Ethyl methacrylate	9.110	69	337626	93.812	ug/l		99
57) 1,3-Dichloropropane	9.305	76	325142	91.220	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.238	63	817528	462.693	ug/l		99
59) 2-Hexanone	9.427	43	1019940	469.454	ug/l		99
60) Dibromochloromethane	9.519	129	227418	92.570	ug/l		99
61) 1,2-Dibromoethane	9.604	107	202247	92.200	ug/l		100
64) Tetrachloroethene	9.269	164	157748	98.176	ug/l		98
65) Chlorobenzene	10.073	112	510916	94.003	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.159	131	184816	93.565	ug/l		100
67) Ethyl Benzene	10.189	91	909208	95.872	ug/l		99
68) m/p-Xylenes	10.299	106	661488	187.963	ug/l		100
69) o-Xylene	10.640	106	329336	92.536	ug/l		99
70) Styrene	10.653	104	547016	95.197	ug/l		100
71) Bromoform	10.799	173	155379	96.648	ug/l	#	99
73) Isopropylbenzene	10.957	105	833874	92.779	ug/l		100
74) N-amyl acetate	10.842	43	414046	93.463	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.213	83	278679	89.776	ug/l		100
76) 1,2,3-Trichloropropane	11.238	75	250918m	96.568	ug/l		
77) Bromobenzene	11.195	156	192700	91.729	ug/l		99
78) n-propylbenzene	11.299	91	956202	96.470	ug/l		100
79) 2-Chlorotoluene	11.360	91	584682	91.317	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	672586	91.926	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	114832	98.354	ug/l		99
82) 4-Chlorotoluene	11.451	91	655250	93.421	ug/l		100
83) tert-Butylbenzene	11.713	119	690320	90.233	ug/l		100
84) 1,2,4-Trimethylbenzene	11.750	105	681398	91.646	ug/l		100
85) sec-Butylbenzene	11.890	105	848327	95.235	ug/l		100
86) p-Isopropyltoluene	12.006	119	695433	94.999	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	353809	97.115	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	347517	96.070	ug/l		99
89) n-Butylbenzene	12.329	91	633246	100.715	ug/l		99
90) Hexachloroethane	12.536	117	149253	90.037	ug/l		97
91) 1,2-Dichlorobenzene	12.335	146	340683	91.056	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	70862	93.344	ug/l		99
93) 1,2,4-Trichlorobenzene	13.585	180	233417	104.359	ug/l		99
94) Hexachlorobutadiene	13.725	225	88214	100.406	ug/l		100
95) Naphthalene	13.774	128	849403	98.464	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	232152	100.133	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011525\
Data File : VX044652.D
Acq On : 15 Jan 2025 13:14
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025

Quant Time: Jan 16 01:01:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 16 00:57:36 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

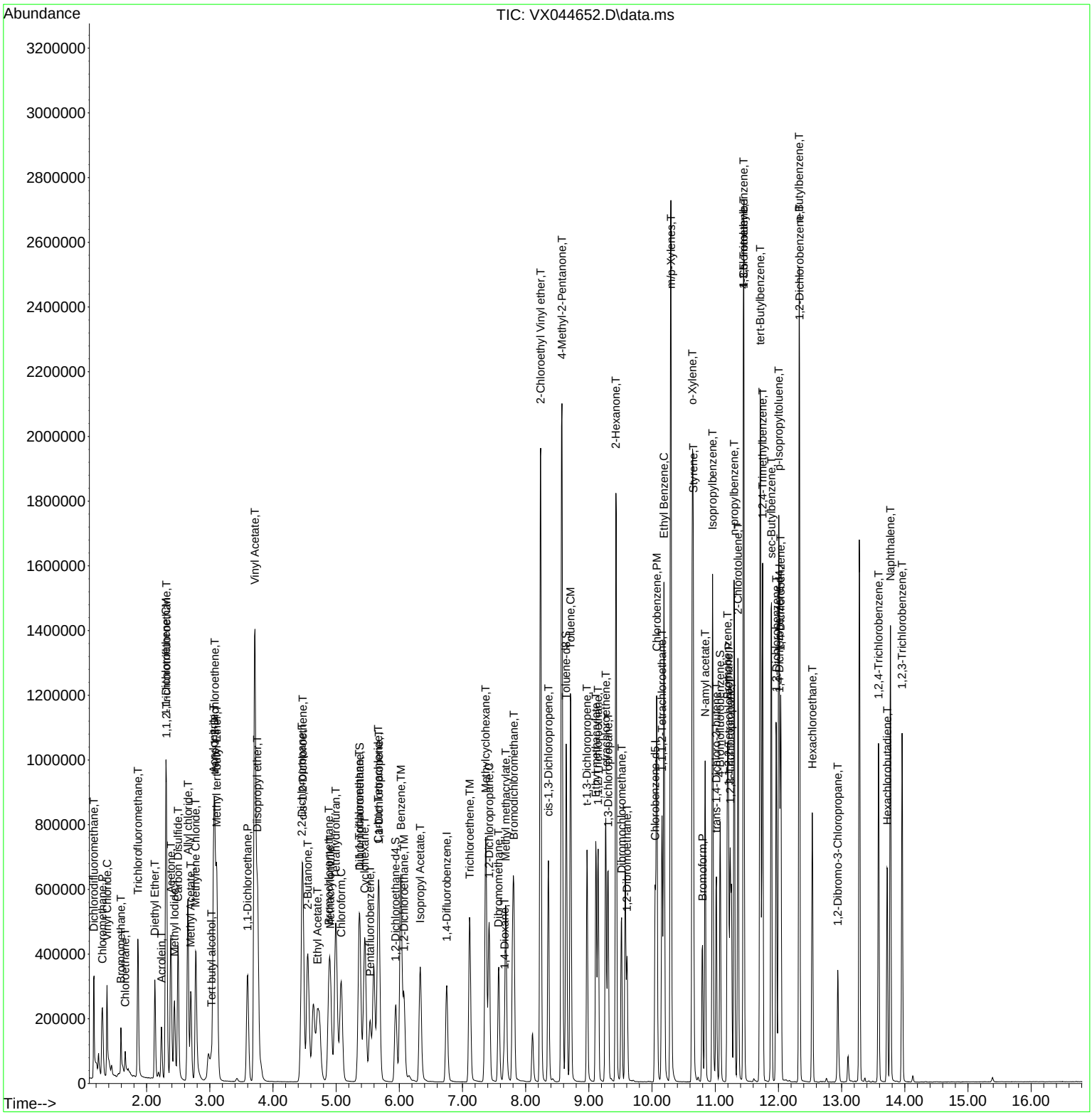
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011525\
Data File : VX044652.D
Acq On : 15 Jan 2025 13:14
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 16 01:01:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 16 00:57:36 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011525\
Data File : VX044653.D
Acq On : 15 Jan 2025 13:37
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025

Quant Time: Jan 16 01:02:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 16 00:57:36 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	160078	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	290219	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	234362	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	100996	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	377212	156.114	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 312.220%#			
35) Dibromofluoromethane	5.379	113	289994	157.288	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 314.580%#			
50) Toluene-d8	8.647	98	961550	149.572	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 299.140%#			
62) 4-Bromofluorobenzene	11.079	95	366922	153.105	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 306.200%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	366593	170.185	ug/l	98
3) Chloromethane	1.300	50	342210	146.909	ug/l	97
4) Vinyl Chloride	1.374	62	359721	156.293	ug/l	99
5) Bromomethane	1.593	94	87716	159.609	ug/l	97
6) Chloroethane	1.660	64	71666	169.800	ug/l	98
7) Trichlorofluoromethane	1.855	101	398544	156.676	ug/l	97
8) Diethyl Ether	2.136	74	154291	150.299	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.313	101	302048	157.960	ug/l	99
10) Methyl Iodide	2.441	142	394541	151.126	ug/l	99
11) Tert butyl alcohol	3.062	59	387839m	711.783	ug/l	
12) 1,1-Dichloroethene	2.306	96	296987	158.449	ug/l	99
13) Acrolein	2.239	56	193280	762.485	ug/l	99
14) Allyl chloride	2.654	41	534150	146.366	ug/l	100
15) Acrylonitrile	3.068	53	783976	742.040	ug/l	99
16) Acetone	2.392	43	708100	740.713	ug/l	100
17) Carbon Disulfide	2.495	76	803379	157.079	ug/l	99
18) Methyl Acetate	2.703	43	483139	163.814	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	1034710	152.410	ug/l	99
20) Methylene Chloride	2.782	84	325957	146.417	ug/l	99
21) trans-1,2-Dichloroethene	3.081	96	290671	148.536	ug/l	98
22) Diisopropyl ether	3.763	45	957045	150.864	ug/l	91
23) Vinyl Acetate	3.721	43	4101581	738.701	ug/l	100
24) 1,1-Dichloroethane	3.599	63	594429	158.014	ug/l	99
25) 2-Butanone	4.562	43	1079716	759.640	ug/l	100
26) 2,2-Dichloropropane	4.465	77	550106	150.882	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	370177	150.386	ug/l	99
28) Bromochloromethane	4.891	49	251238	142.922	ug/l	99
29) Tetrahydrofuran	5.007	42	689928	752.528	ug/l	99
30) Chloroform	5.086	83	579322	152.595	ug/l	99
31) Cyclohexane	5.458	56	476106	156.483	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	522062	149.582	ug/l	99
36) 1,1-Dichloropropene	5.684	75	386304	150.517	ug/l	99
37) Ethyl Acetate	4.715	43	433924	158.764	ug/l	99
38) Carbon Tetrachloride	5.666	117	437442	151.528	ug/l	99
39) Methylcyclohexane	7.373	83	534976	157.021	ug/l	99
40) Benzene	6.031	78	1205057	151.523	ug/l	99

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011525\
Data File : VX044653.D
Acq On : 15 Jan 2025 13:37
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 16 01:02:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 16 00:57:36 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	238601	151.900	ug/l	98
42) 1,2-Dichloroethane	6.080	62	446380	153.782	ug/l	98
43) Isopropyl Acetate	6.336	43	761866	151.528	ug/l	100
44) Trichloroethene	7.117	130	309226	161.735	ug/l	96
45) 1,2-Dichloropropane	7.421	63	308641	154.175	ug/l	99
46) Dibromomethane	7.574	93	231674	152.021	ug/l	99
47) Bromodichloromethane	7.818	83	471682	150.924	ug/l	99
48) Methyl methacrylate	7.690	41	368626	157.946	ug/l	99
49) 1,4-Dioxane	7.671	88	146350	3005.585	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	1994498	717.818	ug/l	100
52) Toluene	8.714	92	699585	143.719	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	490414	151.880	ug/l	96
54) cis-1,3-Dichloropropene	8.360	75	524796	149.891	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	279505	141.923	ug/l	99
56) Ethyl methacrylate	9.116	69	499842	147.609	ug/l	100
57) 1,3-Dichloropropane	9.305	76	485347	144.720	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	1178391	708.825	ug/l	99
59) 2-Hexanone	9.433	43	1482861	725.401	ug/l	99
60) Dibromochloromethane	9.519	129	335937	145.333	ug/l	99
61) 1,2-Dibromoethane	9.604	107	296982	143.893	ug/l	100
64) Tetrachloroethene	9.269	164	229004	155.612	ug/l	98
65) Chlorobenzene	10.079	112	750161	150.697	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	276991	153.108	ug/l	99
67) Ethyl Benzene	10.189	91	1315242	151.424	ug/l	99
68) m/p-Xylenes	10.299	106	941355	292.054	ug/l	100
69) o-Xylene	10.640	106	473907	145.386	ug/l	98
70) Styrene	10.652	104	792889	150.660	ug/l	100
71) Bromoform	10.799	173	232464	157.877	ug/l	99
73) Isopropylbenzene	10.957	105	1207427	146.343	ug/l	100
74) N-amyl acetate	10.841	43	622491	153.069	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	415068	145.660	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	356222m	149.343	ug/l	
77) Bromobenzene	11.195	156	288579	149.641	ug/l	100
78) n-propylbenzene	11.305	91	1375979	151.223	ug/l	100
79) 2-Chlorotoluene	11.366	91	857617	145.911	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	959600	142.870	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	171786	160.280	ug/l	99
82) 4-Chlorotoluene	11.451	91	957835	148.761	ug/l	100
83) tert-Butylbenzene	11.713	119	999760	142.356	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	991595	145.281	ug/l	100
85) sec-Butylbenzene	11.890	105	1214662	148.543	ug/l	100
86) p-Isopropyltoluene	12.006	119	1000632	148.902	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	521112	155.816	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	516467	155.532	ug/l	99
89) n-Butylbenzene	12.329	91	904589	156.724	ug/l	99
90) Hexachloroethane	12.536	117	222866	146.455	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	511280	148.860	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	107815	154.709	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	352298	171.582	ug/l	99
94) Hexachlorobutadiene	13.725	225	129218	160.216	ug/l	99
95) Naphthalene	13.774	128	1285749	162.361	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	350134	164.515	ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011525\
Data File : VX044653.D
Acq On : 15 Jan 2025 13:37
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025

Quant Time: Jan 16 01:02:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 16 00:57:36 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

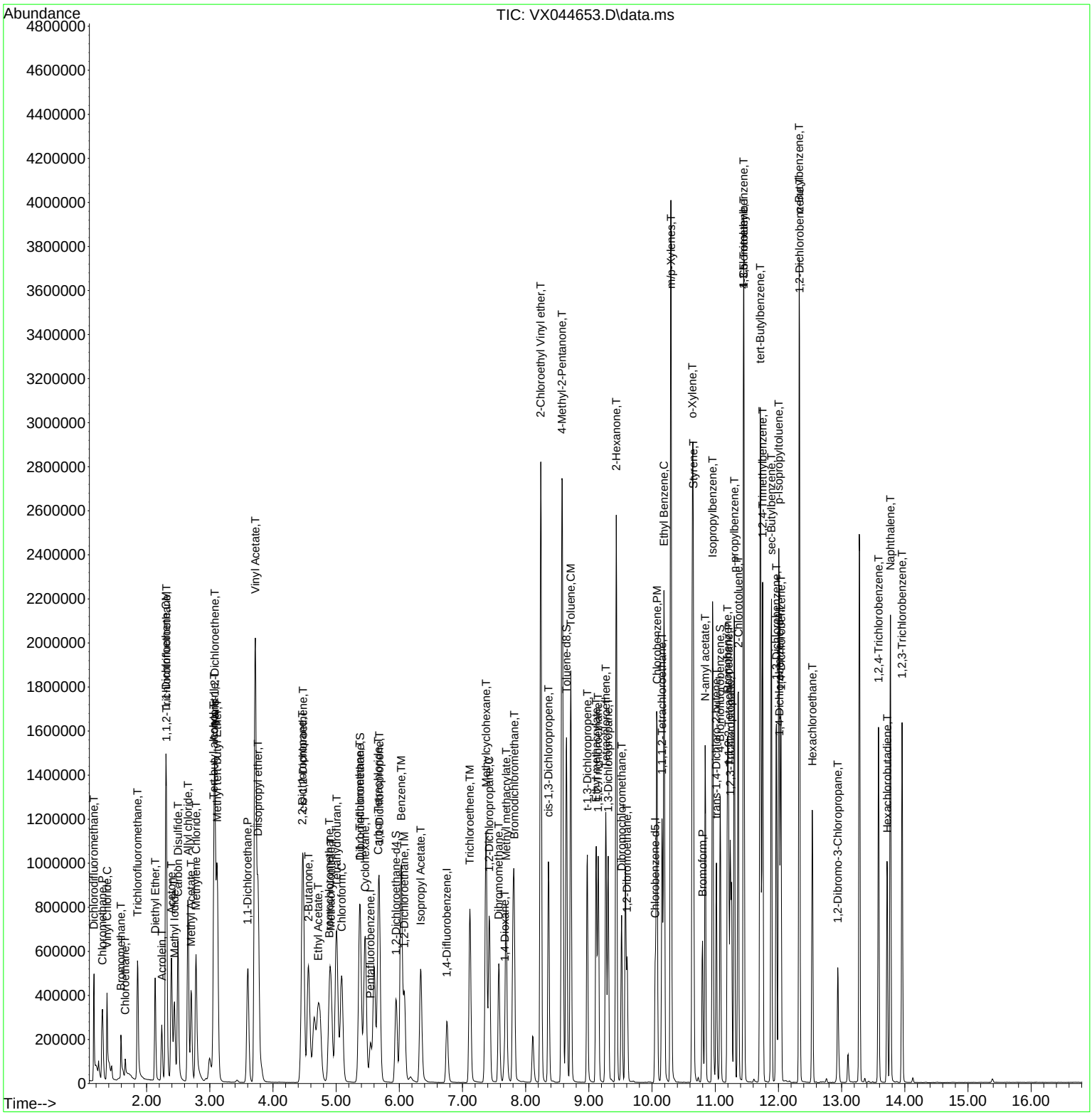
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011525\
Data File : VX044653.D
Acq On : 15 Jan 2025 13:37
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 16 01:02:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 16 00:57:36 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011525\
Data File : VX044655.D
Acq On : 15 Jan 2025 15:15
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX011525

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025

Quant Time: Jan 16 01:21:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 16 01:16:09 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.537	168	179405	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	323521	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	266872	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	115489	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	141798	52.363	ug/l	-0.01
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.720%			
35) Dibromofluoromethane	5.373	113	110333	53.683	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.360%			
50) Toluene-d8	8.641	98	380624	53.113	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.220%			
62) 4-Bromofluorobenzene	11.079	95	140770	52.693	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.380%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	136518	56.549	ug/l	99
3) Chloromethane	1.300	50	124691	47.763	ug/l	99
4) Vinyl Chloride	1.374	62	128558	49.839	ug/l	98
5) Bromomethane	1.593	94	30815	50.031	ug/l	98
6) Chloroethane	1.660	64	23473	49.624	ug/l	98
7) Trichlorofluoromethane	1.861	101	147644	51.789	ug/l	98
8) Diethyl Ether	2.130	74	54624	47.479	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.312	101	112018	52.271	ug/l	100
10) Methyl Iodide	2.441	142	150245	51.350	ug/l	99
11) Tert butyl alcohol	2.983	59	150021m	248.503	ug/l	
12) 1,1-Dichloroethene	2.306	96	107643	51.243	ug/l	97
13) Acrolein	2.233	56	65602	230.919	ug/l	98
14) Allyl chloride	2.654	41	197270	48.232	ug/l	100
15) Acrylonitrile	3.062	53	307790	259.942	ug/l	99
16) Acetone	2.386	43	285777	266.735	ug/l	100
17) Carbon Disulfide	2.495	76	291339	50.827	ug/l	100
18) Methyl Acetate	2.703	43	177037	53.560	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	383394	50.389	ug/l	99
20) Methylene Chloride	2.782	84	119950	48.076	ug/l	98
21) trans-1,2-Dichloroethene	3.081	96	107127	48.846	ug/l	97
22) Diisopropyl ether	3.757	45	360169	50.659	ug/l	93
23) Vinyl Acetate	3.715	43	1583340	254.442	ug/l	99
24) 1,1-Dichloroethane	3.599	63	211436	50.150	ug/l	99
25) 2-Butanone	4.550	43	423083	265.596	ug/l	99
26) 2,2-Dichloropropane	4.458	77	198981	48.697	ug/l	98
27) cis-1,2-Dichloroethene	4.477	96	134711	48.831	ug/l	100
28) Bromochloromethane	4.885	49	97608	49.545	ug/l	99
29) Tetrahydrofuran	4.995	42	263635	256.578	ug/l	99
30) Chloroform	5.080	83	214034	50.304	ug/l	99
31) Cyclohexane	5.452	56	180309	52.878	ug/l	97
32) 1,1,1-Trichloroethane	5.367	97	191114	48.859	ug/l	99
36) 1,1-Dichloropropene	5.678	75	143891	50.294	ug/l	99
37) Ethyl Acetate	4.702	43	166128	54.526	ug/l	99
38) Carbon Tetrachloride	5.659	117	161829	50.287	ug/l	100
39) Methylcyclohexane	7.366	83	199470	52.520	ug/l	98
40) Benzene	6.025	78	448684	50.610	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011525\
Data File : VX044655.D
Acq On : 15 Jan 2025 15:15
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX011525

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025

Quant Time: Jan 16 01:21:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 16 01:16:09 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.910	41	91151	51.342	ug/l		100
42) 1,2-Dichloroethane	6.074	62	164707	50.902	ug/l		100
43) Isopropyl Acetate	6.330	43	285121	50.871	ug/l		100
44) Trichloroethene	7.116	130	110588	51.887	ug/l		99
45) 1,2-Dichloropropane	7.421	63	113836	51.011	ug/l		97
46) Dibromomethane	7.574	93	84838	49.939	ug/l		100
47) Bromodichloromethane	7.811	83	174297	50.029	ug/l		99
48) Methyl methacrylate	7.683	41	137603	52.890	ug/l		99
49) 1,4-Dioxane	7.665	88	53851	992.095	ug/l		97
51) 4-Methyl-2-Pentanone	8.567	43	779855	251.778	ug/l		100
52) Toluene	8.714	92	271071	49.955	ug/l		98
53) t-1,3-Dichloropropene	8.970	75	184653	51.300	ug/l		99
54) cis-1,3-Dichloropropene	8.360	75	199240	51.049	ug/l		99
55) 1,1,2-Trichloroethane	9.147	97	109957	50.085	ug/l		99
56) Ethyl methacrylate	9.110	69	190986	50.595	ug/l		99
57) 1,3-Dichloropropane	9.305	76	187407	50.129	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.232	63	466737	251.852	ug/l		100
59) 2-Hexanone	9.427	43	576549	253.010	ug/l		100
60) Dibromochloromethane	9.518	129	128727	49.957	ug/l		100
61) 1,2-Dibromoethane	9.604	107	114330	49.693	ug/l		100
64) Tetrachloroethene	9.269	164	89460	53.384	ug/l		97
65) Chlorobenzene	10.073	112	287202	50.667	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.159	131	105329	51.129	ug/l		99
67) Ethyl Benzene	10.189	91	511560	51.721	ug/l		98
68) m/p-Xylenes	10.299	106	376743	102.645	ug/l		100
69) o-Xylene	10.640	106	186995	50.378	ug/l		99
70) Styrene	10.652	104	308018	51.398	ug/l		100
71) Bromoform	10.799	173	86512	51.597	ug/l	#	99
73) Isopropylbenzene	10.957	105	474051	50.246	ug/l		100
74) N-amyl acetate	10.841	43	233338	50.177	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.213	83	159673	49.002	ug/l		98
76) 1,2,3-Trichloropropane	11.238	75	140149m	50.004	ug/l		
77) Bromobenzene	11.195	156	109171	49.506	ug/l		99
78) n-propylbenzene	11.299	91	538048	51.712	ug/l		100
79) 2-Chlorotoluene	11.360	91	333891	49.678	ug/l		100
80) 1,3,5-Trimethylbenzene	11.445	105	382880	49.852	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	63708	51.981	ug/l		100
82) 4-Chlorotoluene	11.451	91	373655	50.750	ug/l		100
83) tert-Butylbenzene	11.713	119	397191	49.459	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	388010	49.714	ug/l		100
85) sec-Butylbenzene	11.890	105	477595	51.076	ug/l		100
86) p-Isopropyltoluene	12.006	119	392123	51.028	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	196862	51.476	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	193343	50.011	ug/l		99
89) n-Butylbenzene	12.329	91	350704	53.136	ug/l		99
90) Hexachloroethane	12.536	117	84427	48.518	ug/l		100
91) 1,2-Dichlorobenzene	12.335	146	194138	49.430	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	39583	49.672	ug/l		99
93) 1,2,4-Trichlorobenzene	13.585	180	125286	53.362	ug/l		99
94) Hexachlorobutadiene	13.725	225	48702	52.807	ug/l		99
95) Naphthalene	13.774	128	479024	52.899	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	128038	52.611	ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011525\
Data File : VX044655.D
Acq On : 15 Jan 2025 15:15
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX011525

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025

Quant Time: Jan 16 01:21:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 16 01:16:09 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

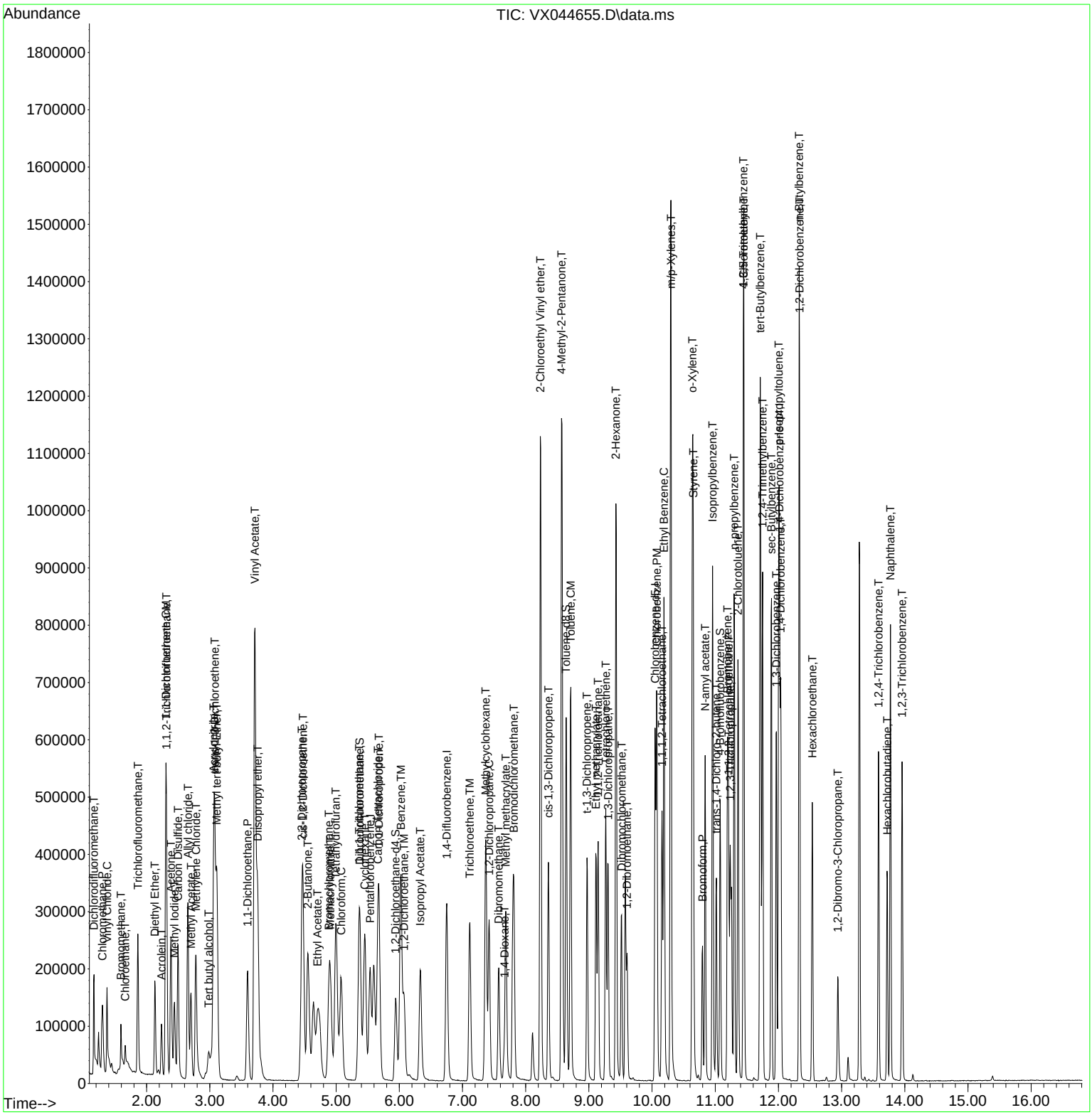
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011525\
Data File : VX044655.D
Acq On : 15 Jan 2025 15:15
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jan 16 01:21:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 16 01:16:09 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
ICVVX011525

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011525\
Data File : VX044655.D
Acq On : 15 Jan 2025 15:15
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX011525

Quant Time: Jan 16 01:21:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 16 01:16:09 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	1.000	1.000	0.0	94	0.00
2	T	Dichlorodifluoromethane	0.673	0.761	-13.1	105	0.00
3	P	Chloromethane	0.728	0.695	4.5	92	0.00
4	C	Vinyl Chloride	0.719	0.717	0.3#	96	0.00
5	T	Bromomethane	0.172	0.172	0.0	95	0.00
6	T	Chloroethane	0.132	0.131	0.8	105	0.00
7	T	Trichlorofluoromethane	0.795	0.823	-3.5	101	0.00
8	T	Diethyl Ether	0.321	0.304	5.3	98	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.597	0.624	-4.5	106	0.00
10	T	Methyl Iodide	0.815	0.837	-2.7	97	0.00
11	T	Tert butyl alcohol	0.168	0.167	0.6	104	0.00
12	CM	1,1-Dichloroethene	0.585	0.600	-2.6#	100	0.00
13	T	Acrolein	0.079	0.073	7.6	101	0.00
14	T	Allyl chloride	1.140	1.100	3.5	98	0.00
15	T	Acrylonitrile	0.330	0.343	-3.9	103	0.00
16	T	Acetone	0.299	0.319	-6.7	112	0.00
17	T	Carbon Disulfide	1.597	1.624	-1.7	99	0.00
18	T	Methyl Acetate	0.921	0.987	-7.2	105	0.00
19	T	Methyl tert-butyl Ether	2.121	2.137	-0.8	99	0.00
20	T	Methylene Chloride	0.695	0.669	3.7	97	0.00
21	T	trans-1,2-Dichloroethene	0.611	0.597	2.3	99	0.00
22	T	Diisopropyl ether	1.981	2.008	-1.4	99	0.00
23	T	Vinyl Acetate	1.734	1.765	-1.8	100	0.00
24	P	1,1-Dichloroethane	1.175	1.179	-0.3	98	0.00
25	T	2-Butanone	0.444	0.472	-6.3	104	0.00
26	T	2,2-Dichloropropane	1.139	1.109	2.6	99	0.00
27	T	cis-1,2-Dichloroethene	0.769	0.751	2.3	98	0.00
28	T	Bromochloromethane	0.549	0.544	0.9	96	0.00
29	T	Tetrahydrofuran	0.286	0.294	-2.8	103	0.00
30	C	Chloroform	1.186	1.193	-0.6#	98	0.00
31	T	Cyclohexane	0.950	1.005	-5.8	101	0.00
32	T	1,1,1-Trichloroethane	1.090	1.065	2.3	100	0.00
33	S	1,2-Dichloroethane-d4	0.755	0.790	-4.6	100	-0.01
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	92	0.00
35	S	Dibromofluoromethane	0.318	0.341	-7.2	99	0.00
36	T	1,1-Dichloropropene	0.442	0.445	-0.7	100	0.00
37	T	Ethyl Acetate	0.471	0.513	-8.9	102	0.00
38	T	Carbon Tetrachloride	0.497	0.500	-0.6	100	-0.01
39	T	Methylcyclohexane	0.587	0.617	-5.1	103	0.00
40	TM	Benzene	1.370	1.387	-1.2	98	0.00
41	T	Methacrylonitrile	0.274	0.282	-2.9	102	0.00
42	TM	1,2-Dichloroethane	0.500	0.509	-1.8	98	0.00
43	T	Isopropyl Acetate	0.866	0.881	-1.7	99	0.00
44	TM	Trichloroethene	0.329	0.342	-4.0	100	0.00
45	C	1,2-Dichloropropane	0.345	0.352	-2.0#	98	0.00
46	T	Dibromomethane	0.263	0.262	0.4	98	0.00
47	T	Bromodichloromethane	0.538	0.539	-0.2	98	0.00
48	T	Methyl methacrylate	0.402	0.425	-5.7	98	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011525\
Data File : VX044655.D
Acq On : 15 Jan 2025 15:15
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX011525

Quant Time: Jan 16 01:21:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 16 01:16:09 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.008	0.008	0.0	97	0.00
50	S	Toluene-d8	1.108	1.177	-6.2	97	0.00
51	T	4-Methyl-2-Pentanone	0.479	0.482	-0.6	99	0.00
52	CM	Toluene	0.839	0.838	0.1#	96	0.00
53	T	t-1,3-Dichloropropene	0.556	0.571	-2.7	96	0.00
54	T	cis-1,3-Dichloropropene	0.603	0.616	-2.2	99	0.00
55	T	1,1,2-Trichloroethane	0.339	0.340	-0.3	98	0.00
56	T	Ethyl methacrylate	0.583	0.590	-1.2	96	0.00
57	T	1,3-Dichloropropane	0.578	0.579	-0.2	96	0.00
58	T	2-Chloroethyl Vinyl ether	0.286	0.289	-1.0	97	0.00
59	T	2-Hexanone	0.352	0.356	-1.1	99	0.00
60	T	Dibromochloromethane	0.398	0.398	0.0	96	0.00
61	T	1,2-Dibromoethane	0.356	0.353	0.8	97	0.00
62	S	4-Bromofluorobenzene	0.413	0.435	-5.3	95	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	89	0.00
64	T	Tetrachloroethene	0.314	0.335	-6.7	100	0.00
65	PM	Chlorobenzene	1.062	1.076	-1.3	95	0.00
66	T	1,1,1,2-Tetrachloroethane	0.386	0.395	-2.3	95	0.00
67	C	Ethyl Benzene	1.853	1.917	-3.5#	95	0.00
68	T	m/p-Xylenes	0.688	0.706	-2.6	95	0.00
69	T	o-Xylene	0.695	0.701	-0.9	93	0.00
70	T	Styrene	1.123	1.154	-2.8	94	0.00
71	P	Bromoform	0.314	0.324	-3.2	95	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	90	0.00
73	T	Isopropylbenzene	4.085	4.105	-0.5	95	0.00
74	T	N-amyl acetate	2.013	2.020	-0.3	96	0.00
75	P	1,1,2,2-Tetrachloroethane	1.411	1.383	2.0	96	0.00
76	T	1,2,3-Trichloropropane	1.213	1.214	-0.1	100	0.00
77	T	Bromobenzene	0.955	0.945	1.0	95	0.00
78	T	n-propylbenzene	4.505	4.659	-3.4	96	0.00
79	T	2-Chlorotoluene	2.910	2.891	0.7	95	0.00
80	T	1,3,5-Trimethylbenzene	3.325	3.315	0.3	94	0.00
81	T	trans-1,4-Dichloro-2-butene	0.531	0.552	-4.0	97	0.00
82	T	4-Chlorotoluene	3.188	3.235	-1.5	95	0.00
83	T	tert-Butylbenzene	3.477	3.439	1.1	94	0.00
84	T	1,2,4-Trimethylbenzene	3.379	3.360	0.6	95	0.00
85	T	sec-Butylbenzene	4.048	4.135	-2.1	96	0.00
86	T	p-Isopropyltoluene	3.327	3.395	-2.0	95	0.00
87	T	1,3-Dichlorobenzene	1.656	1.705	-3.0	95	0.00
88	T	1,4-Dichlorobenzene	1.674	1.674	0.0	96	0.00
89	T	n-Butylbenzene	2.857	3.037	-6.3	98	0.00
90	T	Hexachloroethane	0.753	0.731	2.9	96	0.00
91	T	1,2-Dichlorobenzene	1.700	1.681	1.1	93	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.345	0.343	0.6	100	0.00
93	T	1,2,4-Trichlorobenzene	1.016	1.085	-6.8	95	0.00
94	T	Hexachlorobutadiene	0.399	0.422	-5.8	97	0.00
95	T	Naphthalene	3.920	4.148	-5.8	98	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011525\
Data File : VX044655.D
Acq On : 15 Jan 2025 15:15
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX011525

Quant Time: Jan 16 01:21:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 16 01:16:09 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	1.054	1.109	-5.2	95	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011525\
Data File : VX044655.D
Acq On : 15 Jan 2025 15:15
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX011525

Quant Time: Jan 16 01:21:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 16 01:16:09 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	50.000	50.000	0.0	94	0.00
2	T	Dichlorodifluoromethane	50.000	56.549	-13.1	105	0.00
3	P	Chloromethane	50.000	47.763	4.5	92	0.00
4	C	Vinyl Chloride	50.000	49.839	0.3#	96	0.00
5	T	Bromomethane	50.000	50.031	-0.1	95	0.00
6	T	Chloroethane	50.000	49.624	0.8	105	0.00
7	T	Trichlorofluoromethane	50.000	51.789	-3.6	101	0.00
8	T	Diethyl Ether	50.000	47.479	5.0	98	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	52.271	-4.5	106	0.00
10	T	Methyl Iodide	50.000	51.350	-2.7	97	0.00
11	T	Tert butyl alcohol	250.000	248.503	0.6	104	0.00
12	CM	1,1-Dichloroethene	50.000	51.243	-2.5#	100	0.00
13	T	Acrolein	250.000	230.919	7.6	101	0.00
14	T	Allyl chloride	50.000	48.232	3.5	98	0.00
15	T	Acrylonitrile	250.000	259.942	-4.0	103	0.00
16	T	Acetone	250.000	266.735	-6.7	112	0.00
17	T	Carbon Disulfide	50.000	50.827	-1.7	99	0.00
18	T	Methyl Acetate	50.000	53.560	-7.1	105	0.00
19	T	Methyl tert-butyl Ether	50.000	50.389	-0.8	99	0.00
20	T	Methylene Chloride	50.000	48.076	3.8	97	0.00
21	T	trans-1,2-Dichloroethene	50.000	48.846	2.3	99	0.00
22	T	Diisopropyl ether	50.000	50.659	-1.3	99	0.00
23	T	Vinyl Acetate	250.000	254.442	-1.8	100	0.00
24	P	1,1-Dichloroethane	50.000	50.150	-0.3	98	0.00
25	T	2-Butanone	250.000	265.596	-6.2	104	0.00
26	T	2,2-Dichloropropane	50.000	48.697	2.6	99	0.00
27	T	cis-1,2-Dichloroethene	50.000	48.831	2.3	98	0.00
28	T	Bromochloromethane	50.000	49.545	0.9	96	0.00
29	T	Tetrahydrofuran	250.000	256.578	-2.6	103	0.00
30	C	Chloroform	50.000	50.304	-0.6#	98	0.00
31	T	Cyclohexane	50.000	52.878	-5.8	101	0.00
32	T	1,1,1-Trichloroethane	50.000	48.859	2.3	100	0.00
33	S	1,2-Dichloroethane-d4	50.000	52.363	-4.7	100	-0.01
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	92	0.00
35	S	Dibromofluoromethane	50.000	53.683	-7.4	99	0.00
36	T	1,1-Dichloropropene	50.000	50.294	-0.6	100	0.00
37	T	Ethyl Acetate	50.000	54.526	-9.1	102	0.00
38	T	Carbon Tetrachloride	50.000	50.287	-0.6	100	-0.01
39	T	Methylcyclohexane	50.000	52.520	-5.0	103	0.00
40	TM	Benzene	50.000	50.610	-1.2	98	0.00
41	T	Methacrylonitrile	50.000	51.342	-2.7	102	0.00
42	TM	1,2-Dichloroethane	50.000	50.902	-1.8	98	0.00
43	T	Isopropyl Acetate	50.000	50.871	-1.7	99	0.00
44	TM	Trichloroethene	50.000	51.887	-3.8	100	0.00
45	C	1,2-Dichloropropane	50.000	51.011	-2.0#	98	0.00
46	T	Dibromomethane	50.000	49.939	0.1	98	0.00
47	T	Bromodichloromethane	50.000	50.029	-0.1	98	0.00
48	T	Methyl methacrylate	50.000	52.890	-5.8	98	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011525\
Data File : VX044655.D
Acq On : 15 Jan 2025 15:15
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX011525

Quant Time: Jan 16 01:21:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 16 01:16:09 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	992.095	0.8	97	0.00
50	S	Toluene-d8	50.000	53.113	-6.2	97	0.00
51	T	4-Methyl-2-Pentanone	250.000	251.778	-0.7	99	0.00
52	CM	Toluene	50.000	49.955	0.1#	96	0.00
53	T	t-1,3-Dichloropropene	50.000	51.300	-2.6	96	0.00
54	T	cis-1,3-Dichloropropene	50.000	51.049	-2.1	99	0.00
55	T	1,1,2-Trichloroethane	50.000	50.085	-0.2	98	0.00
56	T	Ethyl methacrylate	50.000	50.595	-1.2	96	0.00
57	T	1,3-Dichloropropane	50.000	50.129	-0.3	96	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	251.852	-0.7	97	0.00
59	T	2-Hexanone	250.000	253.010	-1.2	99	0.00
60	T	Dibromochloromethane	50.000	49.957	0.1	96	0.00
61	T	1,2-Dibromoethane	50.000	49.693	0.6	97	0.00
62	S	4-Bromofluorobenzene	50.000	52.693	-5.4	95	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	89	0.00
64	T	Tetrachloroethene	50.000	53.384	-6.8	100	0.00
65	PM	Chlorobenzene	50.000	50.667	-1.3	95	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	51.129	-2.3	95	0.00
67	C	Ethyl Benzene	50.000	51.721	-3.4#	95	0.00
68	T	m/p-Xylenes	100.000	102.645	-2.6	95	0.00
69	T	o-Xylene	50.000	50.378	-0.8	93	0.00
70	T	Styrene	50.000	51.398	-2.8	94	0.00
71	P	Bromoform	50.000	51.597	-3.2	95	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	90	0.00
73	T	Isopropylbenzene	50.000	50.246	-0.5	95	0.00
74	T	N-amyl acetate	50.000	50.177	-0.4	96	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	49.002	2.0	96	0.00
76	T	1,2,3-Trichloropropane	50.000	50.004	-0.0	100	0.00
77	T	Bromobenzene	50.000	49.506	1.0	95	0.00
78	T	n-propylbenzene	50.000	51.712	-3.4	96	0.00
79	T	2-Chlorotoluene	50.000	49.678	0.6	95	0.00
80	T	1,3,5-Trimethylbenzene	50.000	49.852	0.3	94	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	51.981	-4.0	97	0.00
82	T	4-Chlorotoluene	50.000	50.750	-1.5	95	0.00
83	T	tert-Butylbenzene	50.000	49.459	1.1	94	0.00
84	T	1,2,4-Trimethylbenzene	50.000	49.714	0.6	95	0.00
85	T	sec-Butylbenzene	50.000	51.076	-2.2	96	0.00
86	T	p-Isopropyltoluene	50.000	51.028	-2.1	95	0.00
87	T	1,3-Dichlorobenzene	50.000	51.476	-3.0	95	0.00
88	T	1,4-Dichlorobenzene	50.000	50.011	-0.0	96	0.00
89	T	n-Butylbenzene	50.000	53.136	-6.3	98	0.00
90	T	Hexachloroethane	50.000	48.518	3.0	96	0.00
91	T	1,2-Dichlorobenzene	50.000	49.430	1.1	93	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	49.672	0.7	100	0.00
93	T	1,2,4-Trichlorobenzene	50.000	53.362	-6.7	95	0.00
94	T	Hexachlorobutadiene	50.000	52.807	-5.6	97	0.00
95	T	Naphthalene	50.000	52.899	-5.8	98	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011525\
Data File : VX044655.D
Acq On : 15 Jan 2025 15:15
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX011525

Quant Time: Jan 16 01:21:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 16 01:16:09 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	52.611	-5.2	95	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Raw Data: **VX044833.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CHEM02

Lab Code: CHEM Case No.: Q1268 SAS No.: Q1268 SDG No.: Q1268

Instrument ID: MSVOA_X Calibration Date/Time: 02/05/2025 09:51

Lab File ID: VX044833.D Init. Calib. Date(s): 01/15/2025 01/15/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 10:31 13:37

GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.673	0.627		-6.84	20
Chloromethane	0.728	0.716	0.1	-1.65	20
Vinyl Chloride	0.719	0.739		2.78	20
Ethyl Acetate	0.471	0.495		5.1	20
Bromomethane	0.172	0.208		20.93	20
Chloroethane	0.132	0.256		93.94	20
Trichlorofluoromethane	0.795	0.974		22.52	20
1,1,2-Trichlorotrifluoroethane	0.597	0.611		2.35	20
Tert butyl alcohol	0.168	0.128		-23.81	20
1,1-Dichloroethene	0.585	0.608		3.93	20
Acrolein	0.079	0.067		-15.19	20
Acrylonitrile	0.330	0.351		6.36	20
Acetone	0.299	0.277		-7.36	20
Carbon Disulfide	1.598	1.561		-2.25	20
Methyl tert-butyl Ether	2.121	2.040		-3.82	20
Methyl Acetate	0.921	1.022		10.97	20
Methylene Chloride	0.695	0.684		-1.58	20
trans-1,2-Dichloroethene	0.611	0.610		-0.16	20
Vinyl Acetate	1.734	1.768		1.96	20
1,1-Dichloroethane	1.175	1.183	0.1	0.68	20
Cyclohexane	0.950	1.055		11.05	20
2-Butanone	0.444	0.462		4.05	20
Carbon Tetrachloride	0.497	0.440		-11.47	20
2,2-Dichloropropane	1.139	0.998		-12.38	20
cis-1,2-Dichloroethene	0.769	0.746		-2.99	20
Bromochloromethane	0.549	0.555		1.09	20
Chloroform	1.186	1.156		-2.53	20
1,1,1-Trichloroethane	1.090	0.970		-11.01	20
Methylcyclohexane	0.587	0.612		4.26	20
1,1-Dichloropropene	0.442	0.434		-1.81	20
Benzene	1.370	1.416		3.36	20
1,2-Dichloroethane	0.500	0.458		-8.4	20
Trichloroethene	0.329	0.326		-0.91	20
1,2-Dichloropropane	0.345	0.358		3.77	20
Dibromomethane	0.263	0.248		-5.7	20
Bromodichloromethane	0.538	0.497		-7.62	20
4-Methyl-2-Pentanone	0.479	0.510		6.47	20
Toluene	0.839	0.870		3.69	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

Raw Data: **VX044833.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CHEM02

Lab Code: CHEM Case No.: Q1268 SAS No.: Q1268 SDG No.: Q1268

Instrument ID: MSVOA_X Calibration Date/Time: 02/05/2025 09:51

Lab File ID: VX044833.D Init. Calib. Date(s): 01/15/2025 01/15/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 10:31 13:37

GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
t-1,3-Dichloropropene	0.556	0.529		-4.86	20
cis-1,3-Dichloropropene	0.603	0.577		-4.31	20
1,1,2-Trichloroethane	0.339	0.339		0	20
1,3-Dichloropropane	0.578	0.584		1.04	20
2-Chloroethyl Vinyl ether	0.286	0.289		1.05	20
2-Hexanone	0.352	0.370		5.11	20
Dibromochloromethane	0.398	0.371		-6.78	20
1,2-Dibromoethane	0.356	0.345		-3.09	20
Tetrachloroethene	0.314	0.302		-3.82	20
Chlorobenzene	1.062	1.085	0.3	2.17	20
1,1,1,2-Tetrachloroethane	0.386	0.350		-9.33	20
Hexachloroethane	0.753	0.668		-11.29	20
Ethyl Benzene	1.853	1.907		2.91	20
m/p-Xylenes	0.688	0.715		3.92	20
o-Xylene	0.695	0.707		1.73	20
Styrene	1.123	1.169		4.1	20
Bromoform	0.314	0.274	0.1	-12.74	20
Isopropylbenzene	4.085	4.026		-1.44	20
1,1,2,2-Tetrachloroethane	1.411	1.323	0.3	-6.24	20
1,2,3-Trichloropropane	1.213	1.094		-9.81	20
Bromobenzene	0.955	0.904		-5.34	20
n-propylbenzene	4.505	4.667		3.6	20
2-Chlorotoluene	2.910	2.796		-3.92	20
1,3,5-Trimethylbenzene	3.325	3.278		-1.41	20
4-Chlorotoluene	3.188	3.136		-1.63	20
tert-Butylbenzene	3.477	3.311		-4.77	20
1,2,4-Trimethylbenzene	3.379	3.291		-2.6	20
sec-Butylbenzene	4.048	4.141		2.3	20
p-Isopropyltoluene	3.327	3.360		0.99	20
1,3-Dichlorobenzene	1.656	1.646		-0.6	20
1,4-Dichlorobenzene	1.674	1.676		0.12	20
n-Butylbenzene	2.857	3.101		8.54	20
1,2-Dichlorobenzene	1.700	1.658		-2.47	20
1,2-Dibromo-3-Chloropropane	0.345	0.303		-12.17	20
1,2,4-Trichlorobenzene	1.016	1.050		3.35	20
Hexachlorobutadiene	0.399	0.413		3.51	20
Naphthalene	3.920	3.749		-4.36	20
1,2,3-Trichlorobenzene	1.054	1.061		0.66	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CHEM02

Lab Code: CHEM Case No.: Q1268 SAS No.: Q1268 SDG No.: Q1268

Instrument ID: MSVOA_X Calibration Date/Time: 02/05/2025 09:51

Lab File ID: VX044833.D Init. Calib. Date(s): 01/15/2025 01/15/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 10:31 13:37

GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
1,2-Dichloroethane-d4	0.755	0.742		-1.72	20
Dibromofluoromethane	0.318	0.337		5.97	20
Toluene-d8	1.108	1.275		15.07	20
4-Bromofluorobenzene	0.413	0.444		7.51	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020525\
Data File : VX044833.D
Acq On : 05 Feb 2025 09:51
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 06 04:34:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 16 01:16:09 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/06/2025
Supervised By :Semsettin Yesilyurt 02/06/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	130213	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	238329	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	208039	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	92963	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	96616	49.157	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 98.320%			
35) Dibromofluoromethane	5.373	113	80204	52.973	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.940%			
50) Toluene-d8	8.641	98	303926	57.570	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 115.140%#			
62) 4-Bromofluorobenzene	11.079	95	105847	53.783	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 107.560%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	81634	46.589	ug/l	99
3) Chloromethane	1.301	50	93289	49.234	ug/l	98
4) Vinyl Chloride	1.374	62	96250	51.411	ug/l	100
5) Bromomethane	1.593	94	27090	60.599	ug/l	92
6) Chloroethane	1.660	64	33315	97.038	ug/l	98
7) Trichlorofluoromethane	1.867	101	126765	61.264	ug/l	99
8) Diethyl Ether	2.130	74	46301	55.448	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.319	101	79520	51.124	ug/l	98
10) Methyl Iodide	2.441	142	103574	48.772	ug/l	99
11) Tert butyl alcohol	2.983	59	83526	190.626	ug/l #	85
12) 1,1-Dichloroethene	2.306	96	79148	51.912	ug/l	100
13) Acrolein	2.233	56	43610	211.499	ug/l	96
14) Allyl chloride	2.654	41	143881	48.468	ug/l	96
15) Acrylonitrile	3.062	53	228563	265.955	ug/l	99
16) Acetone	2.380	43	180333	231.904	ug/l	97
17) Carbon Disulfide	2.502	76	203259	48.857	ug/l	100
18) Methyl Acetate	2.697	43	133131	55.493	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	265690	48.111	ug/l	99
20) Methylene Chloride	2.782	84	89130	49.219	ug/l	94
21) trans-1,2-Dichloroethene	3.081	96	79366	49.859	ug/l	98
22) Diisopropyl ether	3.757	45	286140	55.451	ug/l	92
23) Vinyl Acetate	3.715	43	1151204	254.887	ug/l	99
24) 1,1-Dichloroethane	3.599	63	154082	50.353	ug/l	98
25) 2-Butanone	4.550	43	300557	259.958	ug/l	97
26) 2,2-Dichloropropane	4.465	77	129983	43.828	ug/l	97
27) cis-1,2-Dichloroethene	4.477	96	97083	48.486	ug/l	98
28) Bromochloromethane	4.891	49	72313	50.572	ug/l	91
29) Tetrahydrofuran	4.995	42	194553	260.876	ug/l	97
30) Chloroform	5.080	83	150566	48.756	ug/l	98
31) Cyclohexane	5.458	56	137436	55.532	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	126286	44.483	ug/l	99
36) 1,1-Dichloropropene	5.678	75	103474	49.095	ug/l	98
37) Ethyl Acetate	4.708	43	117997	52.572	ug/l	97
38) Carbon Tetrachloride	5.666	117	104966	44.276	ug/l	94
39) Methylcyclohexane	7.373	83	145799	52.111	ug/l	99
40) Benzene	6.031	78	337366	51.656	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020525\
Data File : VX044833.D
Acq On : 05 Feb 2025 09:51
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 06 04:34:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 16 01:16:09 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/06/2025
Supervised By :Semsettin Yesilyurt 02/06/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.916	41	66251	50.655	ug/l		99
42) 1,2-Dichloroethane	6.074	62	109163	45.796	ug/l		99
43) Isopropyl Acetate	6.330	43	201081	48.701	ug/l		98
44) Trichloroethene	7.117	130	77666	49.466	ug/l		99
45) 1,2-Dichloropropane	7.421	63	85415	51.957	ug/l		97
46) Dibromomethane	7.574	93	59075	47.204	ug/l		98
47) Bromodichloromethane	7.812	83	118422	46.141	ug/l		99
48) Methyl methacrylate	7.690	41	96254	50.222	ug/l		99
49) 1,4-Dioxane	7.659	88	38565	964.447	ug/l		100
51) 4-Methyl-2-Pentanone	8.568	43	607578	266.276	ug/l		98
52) Toluene	8.714	92	207331	51.867	ug/l		98
53) t-1,3-Dichloropropene	8.976	75	125969	47.506	ug/l		97
54) cis-1,3-Dichloropropene	8.360	75	137439	47.802	ug/l		98
55) 1,1,2-Trichloroethane	9.147	97	80692	49.893	ug/l		98
56) Ethyl methacrylate	9.110	69	134667	48.427	ug/l		99
57) 1,3-Dichloropropane	9.305	76	139096	50.506	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.232	63	344794	252.556	ug/l		97
59) 2-Hexanone	9.427	43	440332	262.305	ug/l		99
60) Dibromochloromethane	9.519	129	88354	46.546	ug/l		100
61) 1,2-Dibromoethane	9.604	107	82129	48.457	ug/l		99
64) Tetrachloroethene	9.269	164	62846	48.108	ug/l		98
65) Chlorobenzene	10.073	112	225626	51.060	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.159	131	72836	45.354	ug/l		98
67) Ethyl Benzene	10.189	91	396636	51.443	ug/l		98
68) m/p-Xylenes	10.299	106	297338	103.921	ug/l		97
69) o-Xylene	10.640	106	147027	50.812	ug/l		98
70) Styrene	10.653	104	243112	52.040	ug/l		97
71) Bromoform	10.799	173	57043	43.642	ug/l	#	99
73) Isopropylbenzene	10.957	105	374271	49.282	ug/l		99
74) N-amyl acetate	10.841	43	171375	45.782	ug/l		97
75) 1,1,2,2-Tetrachloroethane	11.207	83	122980	46.887	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	101667m	45.064	ug/l		
77) Bromobenzene	11.195	156	84077	47.365	ug/l		96
78) n-propylbenzene	11.299	91	433884	51.805	ug/l		99
79) 2-Chlorotoluene	11.360	91	259960	48.050	ug/l		99
80) 1,3,5-Trimethylbenzene	11.445	105	304687	49.283	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.012	75	41236	41.799	ug/l		99
82) 4-Chlorotoluene	11.451	91	291528	49.190	ug/l		98
83) tert-Butylbenzene	11.713	119	307755	47.608	ug/l		97
84) 1,2,4-Trimethylbenzene	11.750	105	305913	48.693	ug/l		99
85) sec-Butylbenzene	11.890	105	385000	51.151	ug/l		99
86) p-Isopropyltoluene	12.006	119	312377	50.501	ug/l		99
87) 1,3-Dichlorobenzene	11.963	146	153034	49.712	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	155792	50.062	ug/l		97
89) n-Butylbenzene	12.329	91	288317	54.269	ug/l		99
90) Hexachloroethane	12.536	117	62053	44.302	ug/l		97
91) 1,2-Dichlorobenzene	12.329	146	154127	48.752	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	28187	43.942	ug/l		88
93) 1,2,4-Trichlorobenzene	13.585	180	97574	51.629	ug/l		99
94) Hexachlorobutadiene	13.725	225	38439	51.779	ug/l		99
95) Naphthalene	13.774	128	348535	47.815	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	98624	50.344	ug/l		98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020525\
Data File : VX044833.D
Acq On : 05 Feb 2025 09:51
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 06 04:34:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 16 01:16:09 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/06/2025
Supervised By :Semsettin Yesilyurt 02/06/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

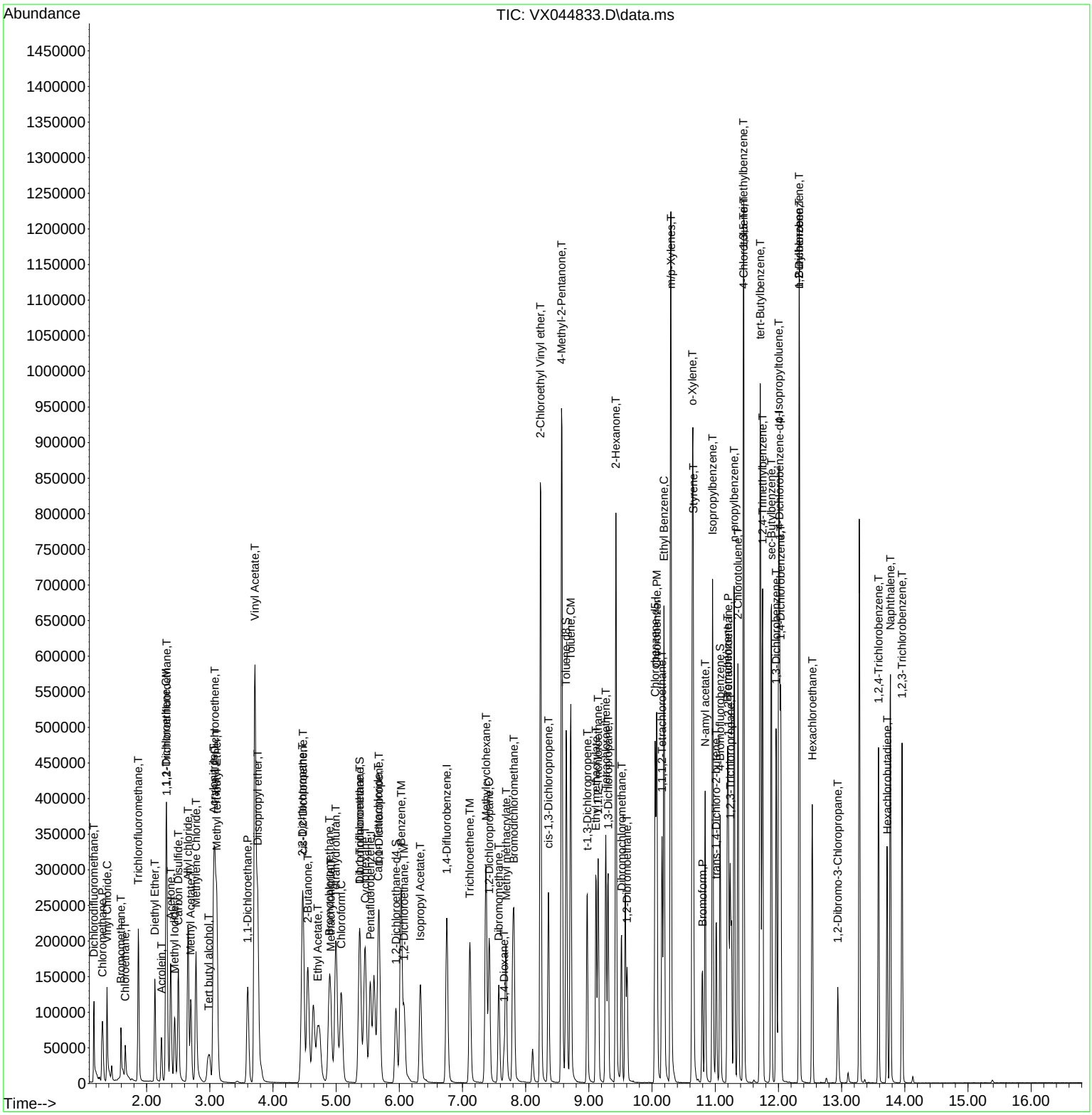
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020525\
Data File : VX044833.D
Acq On : 05 Feb 2025 09:51
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 06 04:34:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 16 01:16:09 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/06/2025
Supervised By :Semsettin Yesilyurt 02/06/2025



Sample Results: **VX044833.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020525\
Data File : VX044833.D
Acq On : 05 Feb 2025 09:51
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Feb 06 04:34:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 16 01:16:09 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	1.000	1.000	0.0	68	0.00
2	T	Dichlorodifluoromethane	0.673	0.627	6.8	63	0.00
3	P	Chloromethane	0.728	0.716	1.6	69	0.00
4	C	Vinyl Chloride	0.719	0.739	-2.8#	72	0.00
5	T	Bromomethane	0.172	0.208	-20.9	83	0.00
6	T	Chloroethane	0.132	0.256	-93.9#	149	0.00
7	T	Trichlorofluoromethane	0.795	0.974	-22.5	87	0.00
8	T	Diethyl Ether	0.321	0.356	-10.9	83	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.597	0.611	-2.3	75	0.00
10	T	Methyl Iodide	0.815	0.795	2.5	67	0.00
11	T	Tert butyl alcohol	0.168	0.128	23.8	58	0.00
12	CM	1,1-Dichloroethene	0.585	0.608	-3.9#	73	0.00
13	T	Acrolein	0.079	0.067	15.2	67	0.00
14	T	Allyl chloride	1.140	1.105	3.1	72	0.00
15	T	Acrylonitrile	0.330	0.351	-6.4	77	0.00
16	T	Acetone	0.299	0.277	7.4	71	0.00
17	T	Carbon Disulfide	1.597	1.561	2.3	69	0.00
18	T	Methyl Acetate	0.921	1.022	-11.0	79	0.00
19	T	Methyl tert-butyl Ether	2.121	2.040	3.8	68	0.00
20	T	Methylene Chloride	0.695	0.684	1.6	72	0.00
21	T	trans-1,2-Dichloroethene	0.611	0.610	0.2	73	0.00
22	T	Diisopropyl ether	1.981	2.197	-10.9	79	0.00
23	T	Vinyl Acetate	1.734	1.768	-2.0	73	0.00
24	P	1,1-Dichloroethane	1.175	1.183	-0.7	72	0.00
25	T	2-Butanone	0.444	0.462	-4.1	74	0.00
26	T	2,2-Dichloropropane	1.139	0.998	12.4	65	0.00
27	T	cis-1,2-Dichloroethene	0.769	0.746	3.0	71	0.00
28	T	Bromochloromethane	0.549	0.555	-1.1	71	0.00
29	T	Tetrahydrofuran	0.286	0.299	-4.5	76	0.00
30	C	Chloroform	1.186	1.156	2.5#	69	0.00
31	T	Cyclohexane	0.950	1.055	-11.1	77	0.00
32	T	1,1,1-Trichloroethane	1.090	0.970	11.0	66	0.00
33	S	1,2-Dichloroethane-d4	0.755	0.742	1.7	68	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	68	0.00
35	S	Dibromofluoromethane	0.318	0.337	-6.0	72	0.00
36	T	1,1-Dichloropropene	0.442	0.434	1.8	72	0.00
37	T	Ethyl Acetate	0.471	0.495	-5.1	72	0.00
38	T	Carbon Tetrachloride	0.497	0.440	11.5	65	0.00
39	T	Methylcyclohexane	0.587	0.612	-4.3	75	0.00
40	TM	Benzene	1.370	1.416	-3.4	73	0.00
41	T	Methacrylonitrile	0.274	0.278	-1.5	74	0.00
42	TM	1,2-Dichloroethane	0.500	0.458	8.4	65	0.00
43	T	Isopropyl Acetate	0.866	0.844	2.5	70	0.00
44	TM	Trichloroethene	0.329	0.326	0.9	70	0.00
45	C	1,2-Dichloropropane	0.345	0.358	-3.8#	74	0.00
46	T	Dibromomethane	0.263	0.248	5.7	68	0.00
47	T	Bromodichloromethane	0.538	0.497	7.6	66	0.00
48	T	Methyl methacrylate	0.402	0.404	-0.5	69	0.00

Sample Results: **VX044833.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020525\
Data File : VX044833.D
Acq On : 05 Feb 2025 09:51
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Feb 06 04:34:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 16 01:16:09 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.008	0.008	0.0	69	0.00
50	S	Toluene-d8	1.108	1.275	-15.1	78	0.00
51	T	4-Methyl-2-Pentanone	0.479	0.510	-6.5	77	0.00
52	CM	Toluene	0.839	0.870	-3.7#	73	0.00
53	T	t-1,3-Dichloropropene	0.556	0.529	4.9	66	0.00
54	T	cis-1,3-Dichloropropene	0.603	0.577	4.3	68	0.00
55	T	1,1,2-Trichloroethane	0.339	0.339	0.0	72	0.00
56	T	Ethyl methacrylate	0.583	0.565	3.1	68	0.00
57	T	1,3-Dichloropropane	0.578	0.584	-1.0	71	0.00
58	T	2-Chloroethyl Vinyl ether	0.286	0.289	-1.0	72	0.00
59	T	2-Hexanone	0.352	0.370	-5.1	76	0.00
60	T	Dibromochloromethane	0.398	0.371	6.8	66	0.00
61	T	1,2-Dibromoethane	0.356	0.345	3.1	69	0.00
62	S	4-Bromofluorobenzene	0.413	0.444	-7.5	71	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	69	0.00
64	T	Tetrachloroethene	0.314	0.302	3.8	70	0.00
65	PM	Chlorobenzene	1.062	1.085	-2.2	74	0.00
66	T	1,1,1,2-Tetrachloroethane	0.386	0.350	9.3	66	0.00
67	C	Ethyl Benzene	1.853	1.907	-2.9#	74	0.00
68	T	m/p-Xylenes	0.688	0.715	-3.9	75	0.00
69	T	o-Xylene	0.695	0.707	-1.7	73	0.00
70	T	Styrene	1.123	1.169	-4.1	74	0.00
71	P	Bromoform	0.314	0.274	12.7	63	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	73	0.00
73	T	Isopropylbenzene	4.085	4.026	1.4	75	0.00
74	T	N-amyl acetate	2.013	1.843	8.4	71	0.00
75	P	1,1,2,2-Tetrachloroethane	1.411	1.323	6.2	74	0.00
76	T	1,2,3-Trichloropropane	1.213	1.094	9.8	72	0.00
77	T	Bromobenzene	0.955	0.904	5.3	73	0.00
78	T	n-propylbenzene	4.505	4.667	-3.6	77	0.00
79	T	2-Chlorotoluene	2.910	2.796	3.9	74	0.00
80	T	1,3,5-Trimethylbenzene	3.325	3.278	1.4	75	0.00
81	T	trans-1,4-Dichloro-2-butene	0.531	0.444	16.4	63	0.00
82	T	4-Chlorotoluene	3.188	3.136	1.6	74	0.00
83	T	tert-Butylbenzene	3.477	3.311	4.8	73	0.00
84	T	1,2,4-Trimethylbenzene	3.379	3.291	2.6	75	0.00
85	T	sec-Butylbenzene	4.048	4.141	-2.3	77	0.00
86	T	p-Isopropyltoluene	3.327	3.360	-1.0	76	0.00
87	T	1,3-Dichlorobenzene	1.656	1.646	0.6	74	0.00
88	T	1,4-Dichlorobenzene	1.674	1.676	-0.1	77	0.00
89	T	n-Butylbenzene	2.857	3.101	-8.5	80	0.00
90	T	Hexachloroethane	0.753	0.668	11.3	70	0.00
91	T	1,2-Dichlorobenzene	1.700	1.658	2.5	74	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.345	0.303	12.2	71	0.00
93	T	1,2,4-Trichlorobenzene	1.016	1.050	-3.3	74	0.00
94	T	Hexachlorobutadiene	0.399	0.413	-3.5	76	0.00
95	T	Naphthalene	3.920	3.749	4.4	71	0.00

Sample Results: **VX044833.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020525\
Data File : VX044833.D
Acq On : 05 Feb 2025 09:51
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Feb 06 04:34:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 16 01:16:09 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	1.054	1.061	-0.7	73	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Sample Results: **VX044833.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020525\
Data File : VX044833.D
Acq On : 05 Feb 2025 09:51
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Feb 06 04:34:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 16 01:16:09 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	50.000	50.000	0.0	68	0.00
2	T	Dichlorodifluoromethane	50.000	46.589	6.8	63	0.00
3	P	Chloromethane	50.000	49.234	1.5	69	0.00
4	C	Vinyl Chloride	50.000	51.411	-2.8#	72	0.00
5	T	Bromomethane	50.000	60.599	-21.2	83	0.00
6	T	Chloroethane	50.000	97.038	-94.1#	149	0.00
7	T	Trichlorofluoromethane	50.000	61.264	-22.5	87	0.00
8	T	Diethyl Ether	50.000	55.448	-10.9	83	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	51.124	-2.2	75	0.00
10	T	Methyl Iodide	50.000	48.772	2.5	67	0.00
11	T	Tert butyl alcohol	250.000	190.626	23.7	58	0.00
12	CM	1,1-Dichloroethene	50.000	51.912	-3.8#	73	0.00
13	T	Acrolein	250.000	211.499	15.4	67	0.00
14	T	Allyl chloride	50.000	48.468	3.1	72	0.00
15	T	Acrylonitrile	250.000	265.955	-6.4	77	0.00
16	T	Acetone	250.000	231.904	7.2	71	0.00
17	T	Carbon Disulfide	50.000	48.857	2.3	69	0.00
18	T	Methyl Acetate	50.000	55.493	-11.0	79	0.00
19	T	Methyl tert-butyl Ether	50.000	48.111	3.8	68	0.00
20	T	Methylene Chloride	50.000	49.219	1.6	72	0.00
21	T	trans-1,2-Dichloroethene	50.000	49.859	0.3	73	0.00
22	T	Diisopropyl ether	50.000	55.451	-10.9	79	0.00
23	T	Vinyl Acetate	250.000	254.887	-2.0	73	0.00
24	P	1,1-Dichloroethane	50.000	50.353	-0.7	72	0.00
25	T	2-Butanone	250.000	259.958	-4.0	74	0.00
26	T	2,2-Dichloropropane	50.000	43.828	12.3	65	0.00
27	T	cis-1,2-Dichloroethene	50.000	48.486	3.0	71	0.00
28	T	Bromochloromethane	50.000	50.572	-1.1	71	0.00
29	T	Tetrahydrofuran	250.000	260.876	-4.4	76	0.00
30	C	Chloroform	50.000	48.756	2.5#	69	0.00
31	T	Cyclohexane	50.000	55.532	-11.1	77	0.00
32	T	1,1,1-Trichloroethane	50.000	44.483	11.0	66	0.00
33	S	1,2-Dichloroethane-d4	50.000	49.157	1.7	68	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	68	0.00
35	S	Dibromofluoromethane	50.000	52.973	-5.9	72	0.00
36	T	1,1-Dichloropropene	50.000	49.095	1.8	72	0.00
37	T	Ethyl Acetate	50.000	52.572	-5.1	72	0.00
38	T	Carbon Tetrachloride	50.000	44.276	11.4	65	0.00
39	T	Methylcyclohexane	50.000	52.111	-4.2	75	0.00
40	TM	Benzene	50.000	51.656	-3.3	73	0.00
41	T	Methacrylonitrile	50.000	50.655	-1.3	74	0.00
42	TM	1,2-Dichloroethane	50.000	45.796	8.4	65	0.00
43	T	Isopropyl Acetate	50.000	48.701	2.6	70	0.00
44	TM	Trichloroethene	50.000	49.466	1.1	70	0.00
45	C	1,2-Dichloropropane	50.000	51.957	-3.9#	74	0.00
46	T	Dibromomethane	50.000	47.204	5.6	68	0.00
47	T	Bromodichloromethane	50.000	46.141	7.7	66	0.00
48	T	Methyl methacrylate	50.000	50.222	-0.4	69	0.00

Sample Results: **VX044833.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020525\
Data File : VX044833.D
Acq On : 05 Feb 2025 09:51
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Feb 06 04:34:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 16 01:16:09 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	964.447	3.6	69	0.00
50	S	Toluene-d8	50.000	57.570	-15.1	78	0.00
51	T	4-Methyl-2-Pentanone	250.000	266.276	-6.5	77	0.00
52	CM	Toluene	50.000	51.867	-3.7#	73	0.00
53	T	t-1,3-Dichloropropene	50.000	47.506	5.0	66	0.00
54	T	cis-1,3-Dichloropropene	50.000	47.802	4.4	68	0.00
55	T	1,1,2-Trichloroethane	50.000	49.893	0.2	72	0.00
56	T	Ethyl methacrylate	50.000	48.427	3.1	68	0.00
57	T	1,3-Dichloropropane	50.000	50.506	-1.0	71	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	252.556	-1.0	72	0.00
59	T	2-Hexanone	250.000	262.305	-4.9	76	0.00
60	T	Dibromochloromethane	50.000	46.546	6.9	66	0.00
61	T	1,2-Dibromoethane	50.000	48.457	3.1	69	0.00
62	S	4-Bromofluorobenzene	50.000	53.783	-7.6	71	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	69	0.00
64	T	Tetrachloroethene	50.000	48.108	3.8	70	0.00
65	PM	Chlorobenzene	50.000	51.060	-2.1	74	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	45.354	9.3	66	0.00
67	C	Ethyl Benzene	50.000	51.443	-2.9#	74	0.00
68	T	m/p-Xylenes	100.000	103.921	-3.9	75	0.00
69	T	o-Xylene	50.000	50.812	-1.6	73	0.00
70	T	Styrene	50.000	52.040	-4.1	74	0.00
71	P	Bromoform	50.000	43.642	12.7	63	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	73	0.00
73	T	Isopropylbenzene	50.000	49.282	1.4	75	0.00
74	T	N-amyl acetate	50.000	45.782	8.4	71	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	46.887	6.2	74	0.00
76	T	1,2,3-Trichloropropane	50.000	45.064	9.9	72	0.00
77	T	Bromobenzene	50.000	47.365	5.3	73	0.00
78	T	n-propylbenzene	50.000	51.805	-3.6	77	0.00
79	T	2-Chlorotoluene	50.000	48.050	3.9	74	0.00
80	T	1,3,5-Trimethylbenzene	50.000	49.283	1.4	75	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	41.799	16.4	63	0.00
82	T	4-Chlorotoluene	50.000	49.190	1.6	74	0.00
83	T	tert-Butylbenzene	50.000	47.608	4.8	73	0.00
84	T	1,2,4-Trimethylbenzene	50.000	48.693	2.6	75	0.00
85	T	sec-Butylbenzene	50.000	51.151	-2.3	77	0.00
86	T	p-Isopropyltoluene	50.000	50.501	-1.0	76	0.00
87	T	1,3-Dichlorobenzene	50.000	49.712	0.6	74	0.00
88	T	1,4-Dichlorobenzene	50.000	50.062	-0.1	77	0.00
89	T	n-Butylbenzene	50.000	54.269	-8.5	80	0.00
90	T	Hexachloroethane	50.000	44.302	11.4	70	0.00
91	T	1,2-Dichlorobenzene	50.000	48.752	2.5	74	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	43.942	12.1	71	0.00
93	T	1,2,4-Trichlorobenzene	50.000	51.629	-3.3	74	0.00
94	T	Hexachlorobutadiene	50.000	51.779	-3.6	76	0.00
95	T	Naphthalene	50.000	47.815	4.4	71	0.00

Sample Results: **VX044833.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020525\
Data File : VX044833.D
Acq On : 05 Feb 2025 09:51
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Feb 06 04:34:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 16 01:16:09 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.344	-0.7	73	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

QC SAMPLE DATA

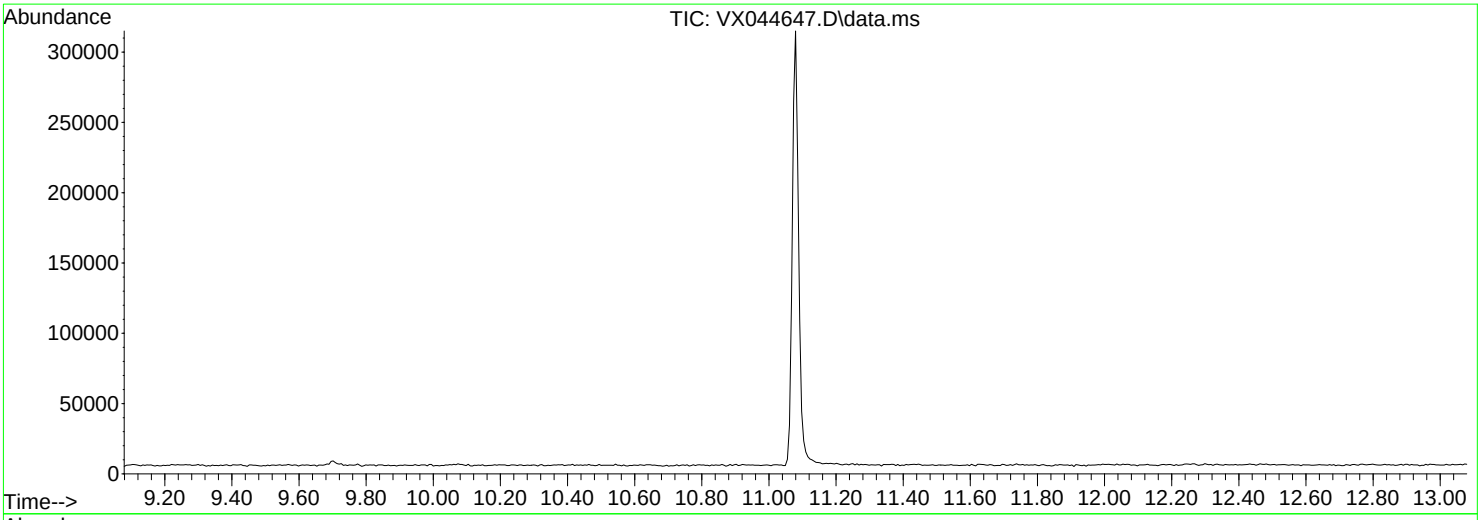
Sample Results: **VX044647.D**

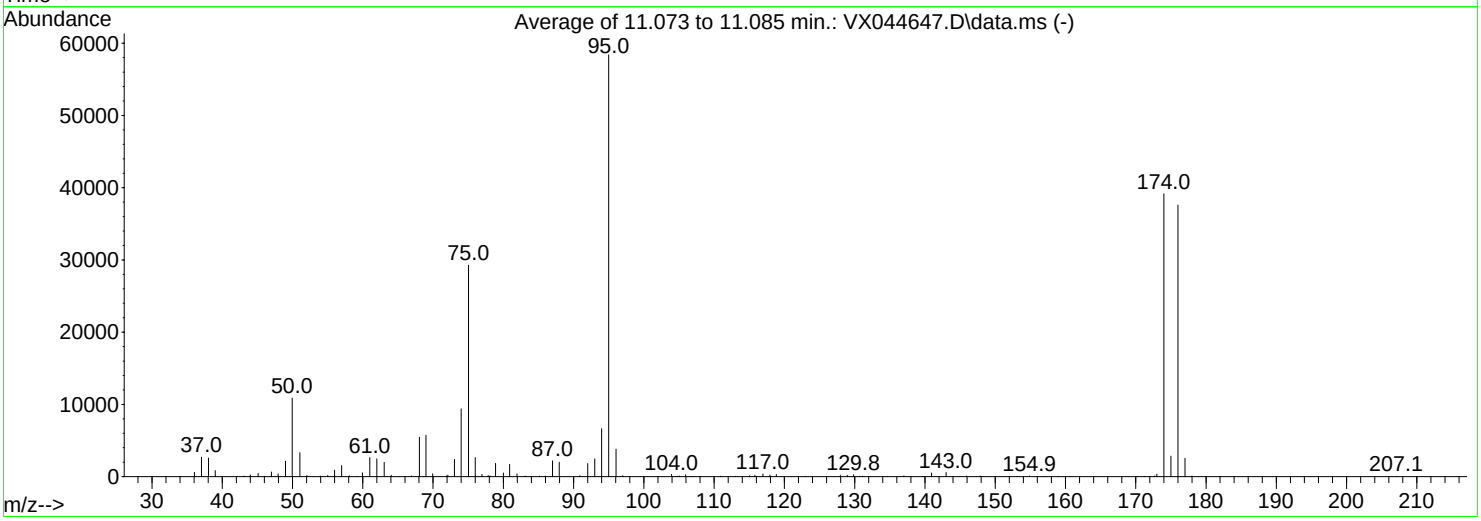
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011525\
Data File : VX044647.D
Acq On : 15 Jan 2025 09:30
Operator : JC/MD
Sample : BFB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
Title : SW846 8260
Last Update : Thu Jan 16 01:16:09 2025





AutoFind: Scans 1638, 1639, 1640; Background Corrected with Scan 1631

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	18.6	10879	PASS
75	95	30	60	50.2	29285	PASS
95	95	100	100	100.0	58391	PASS
96	95	5	9	6.5	3805	PASS
173	174	0.00	2	0.9	350	PASS
174	95	50	100	67.1	39163	PASS
175	174	5	9	7.3	2842	PASS
176	174	95	101	96.0	37587	PASS
177	176	5	9	6.8	2538	PASS

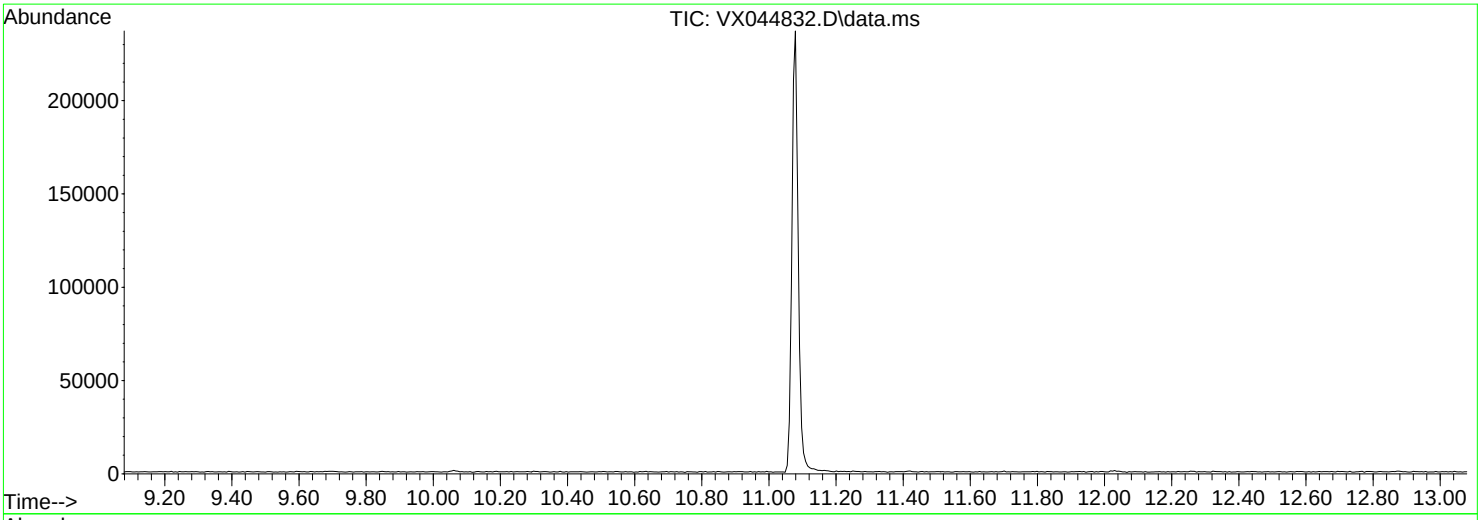
Sample Results: **VX044832.D**

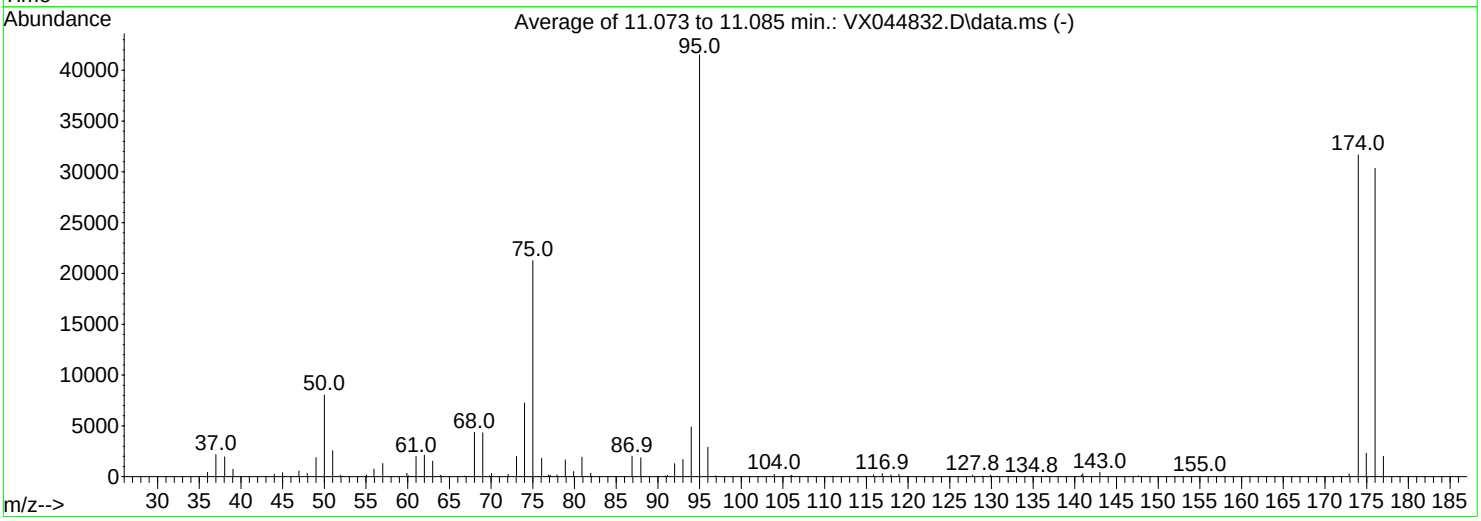
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020525\
Data File : VX044832.D
Acq On : 05 Feb 2025 08:02
Operator : JC/MD
Sample : BFB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
Title : SW846 8260
Last Update : Thu Jan 16 01:16:09 2025





AutoFind: Scans 1638, 1639, 1640; Background Corrected with Scan 1632

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	19.3	8027	PASS
75	95	30	60	51.2	21266	PASS
95	95	100	100	100.0	41515	PASS
96	95	5	9	7.0	2903	PASS
173	174	0.00	2	0.8	267	PASS
174	95	50	100	76.3	31672	PASS
175	174	5	9	7.3	2300	PASS
176	174	95	101	95.8	30349	PASS
177	176	5	9	6.6	1996	PASS

Raw Data: **VX044835.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	
Project:	Weekly Storage Blanks	Date Received:	
Client Sample ID:	VX0205WBL01	SDG No.:	Q1268
Lab Sample ID:	VX0205WBL01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044835.D	1		02/05/25 10:41	VX020525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.21	U	0.21	1.00	ug/L
74-87-3	Chloromethane	0.35	U	0.35	1.00	ug/L
75-01-4	Vinyl Chloride	0.34	U	0.34	1.00	ug/L
141-78-6	Ethyl Acetate	0.38	U	0.38	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.56	U	0.56	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.34	U	0.34	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	1.00	ug/L
75-65-0	Tert butyl alcohol	5.60	U	5.60	25.0	ug/L
75-35-4	1,1-Dichloroethene	0.26	U	0.26	1.00	ug/L
107-02-8	Acrolein	6.70	U	6.70	25.0	ug/L
107-13-1	Acrylonitrile	0.90	U	0.90	5.00	ug/L
67-64-1	Acetone	1.40	U	1.40	5.00	ug/L
75-15-0	Carbon Disulfide	0.32	U	0.32	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	0.60	U	0.60	1.00	ug/L
75-09-2	Methylene Chloride	0.32	U	0.32	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.25	U	0.25	1.00	ug/L
108-05-4	Vinyl Acetate	0.71	U	0.71	5.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	1.60	U	1.60	5.00	ug/L
78-93-3	2-Butanone	1.30	U	1.30	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
594-20-7	2,2-Dichloropropane	0.31	U	0.31	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.25	U	0.25	1.00	ug/L
74-97-5	Bromochloromethane	0.18	U	0.18	1.00	ug/L
67-66-3	Chloroform	0.26	U	0.26	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.19	U	0.19	1.00	ug/L
108-87-2	Methylcyclohexane	0.19	U	0.19	1.00	ug/L
563-58-6	1,1-Dichloropropene	0.18	U	0.18	1.00	ug/L

Raw Data: **VX044835.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	
Project:	Weekly Storage Blanks	Date Received:	
Client Sample ID:	VX0205WBL01	SDG No.:	Q1268
Lab Sample ID:	VX0205WBL01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044835.D	1		02/05/25 10:41	VX020525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
71-43-2	Benzene	0.16	U	0.16	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.24	U	0.24	1.00	ug/L
79-01-6	Trichloroethene	0.32	U	0.32	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.19	U	0.19	1.00	ug/L
74-95-3	Dibromomethane	0.23	U	0.23	1.00	ug/L
75-27-4	Bromodichloromethane	0.24	U	0.24	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.75	U	0.75	5.00	ug/L
108-88-3	Toluene	0.18	U	0.18	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	0.21	U	0.21	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.18	U	0.18	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
142-28-9	1,3-Dichloropropane	0.17	U	0.17	1.00	ug/L
110-75-8	2-Chloroethyl Vinyl ether	1.80	U	1.80	5.00	ug/L
591-78-6	2-Hexanone	1.10	U	1.10	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.16	U	0.16	1.00	ug/L
127-18-4	Tetrachloroethene	0.25	U	0.25	1.00	ug/L
108-90-7	Chlorobenzene	0.13	U	0.13	1.00	ug/L
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.00	ug/L
67-72-1	Hexachloroethane	0	U	0	0	ug/L
100-41-4	Ethyl Benzene	0.16	U	0.16	1.00	ug/L
179601-23-1	m/p-Xylenes	0.31	U	0.31	2.00	ug/L
95-47-6	o-Xylene	0.14	U	0.14	1.00	ug/L
100-42-5	Styrene	0.16	U	0.16	1.00	ug/L
75-25-2	Bromoform	0.21	U	0.21	1.00	ug/L
98-82-8	Isopropylbenzene	0.13	U	0.13	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.27	U	0.27	1.00	ug/L
96-18-4	1,2,3-Trichloropropane	0.39	U	0.39	1.00	ug/L
108-86-1	Bromobenzene	0.26	U	0.26	1.00	ug/L
103-65-1	n-propylbenzene	0.14	U	0.14	1.00	ug/L
95-49-8	2-Chlorotoluene	0.16	U	0.16	1.00	ug/L

Raw Data: **VX044835.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	
Project:	Weekly Storage Blanks	Date Received:	
Client Sample ID:	VX0205WBL01	SDG No.:	Q1268
Lab Sample ID:	VX0205WBL01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044835.D	1		02/05/25 10:41	VX020525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-67-8	1,3,5-Trimethylbenzene	0.18	U	0.18	1.00	ug/L
106-43-4	4-Chlorotoluene	0.18	U	0.18	1.00	ug/L
98-06-6	tert-Butylbenzene	0.17	U	0.17	1.00	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.18	U	0.18	1.00	ug/L
135-98-8	sec-Butylbenzene	0.17	U	0.17	1.00	ug/L
99-87-6	p-Isopropyltoluene	0.15	U	0.15	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.24	U	0.24	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.27	U	0.27	1.00	ug/L
104-51-8	n-Butylbenzene	0.22	U	0.22	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	0.46	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.42	U	0.42	1.00	ug/L
87-68-3	Hexachlorobutadiene	0.31	U	0.31	1.00	ug/L
91-20-3	Naphthalene	0.59	U	0.59	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.51	U	0.51	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	46.5		74 - 125	93%	SPK: 50
1868-53-7	Dibromofluoromethane	48.5		75 - 124	97%	SPK: 50
2037-26-5	Toluene-d8	52.8		86 - 113	106%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.7		77 - 121	101%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	112000	5.544			
540-36-3	1,4-Difluorobenzene	225000	6.757			
3114-55-4	Chlorobenzene-d5	208000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	90400	12.018			

Raw Data: **VX044835.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	
Project:	Weekly Storage Blanks	Date Received:	
Client Sample ID:	VX0205WBL01	SDG No.:	Q1268
Lab Sample ID:	VX0205WBL01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044835.D	1		02/05/25 10:41	VX020525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020525\
Data File : VX044835.D
Acq On : 05 Feb 2025 10:41
Operator : JC/MD
Sample : VX0205WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0205WBL01

Quant Time: Feb 06 04:35:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 16 01:16:09 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	112270	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	224960	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	207732	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	90416	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	78734	46.461	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 92.920%			
35) Dibromofluoromethane	5.379	113	69310	48.498	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.000%			
50) Toluene-d8	8.641	98	263350	52.849	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.700%			
62) 4-Bromofluorobenzene	11.079	95	94212	50.716	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.440%			

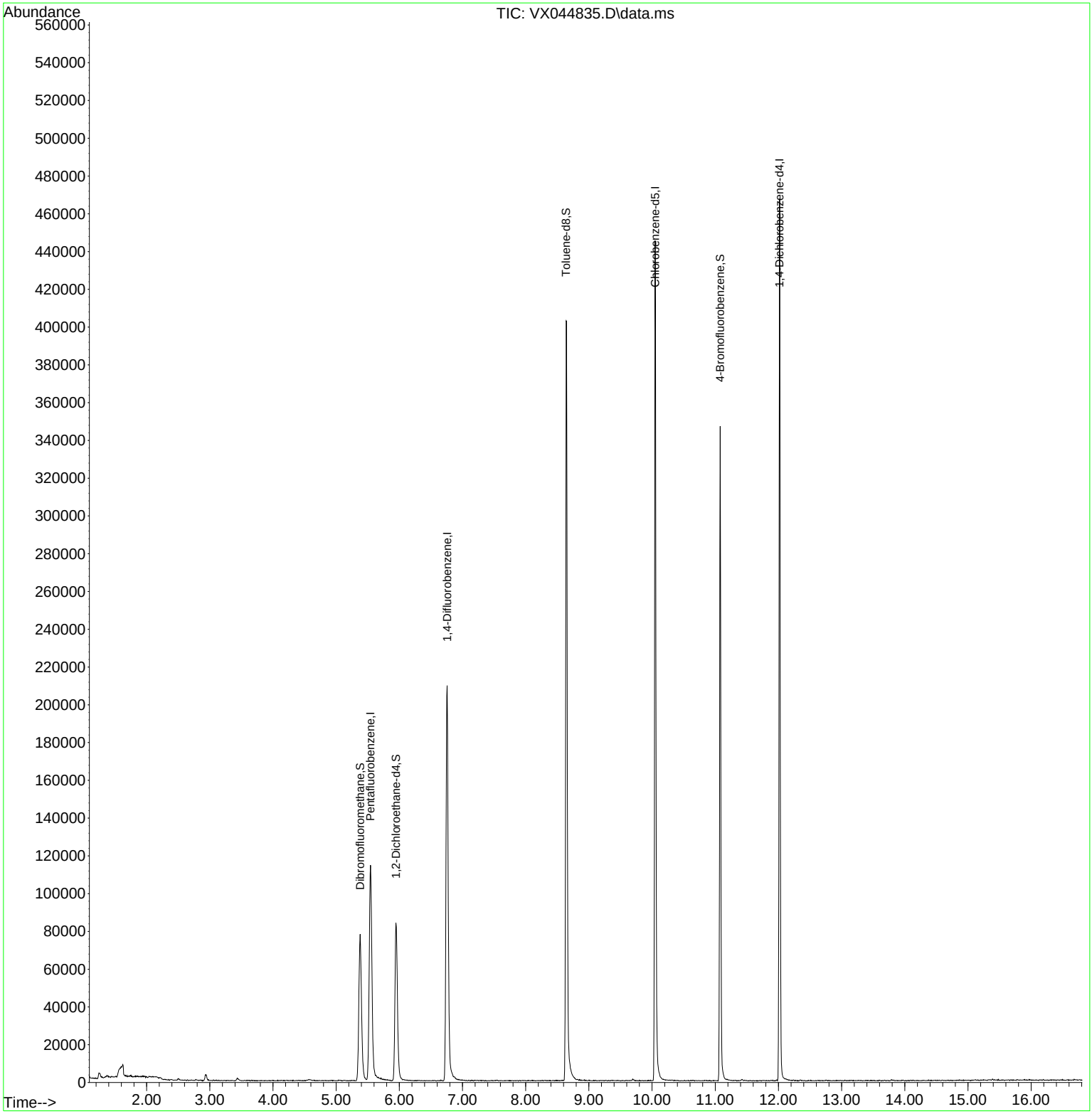
Target Compounds Qvalue

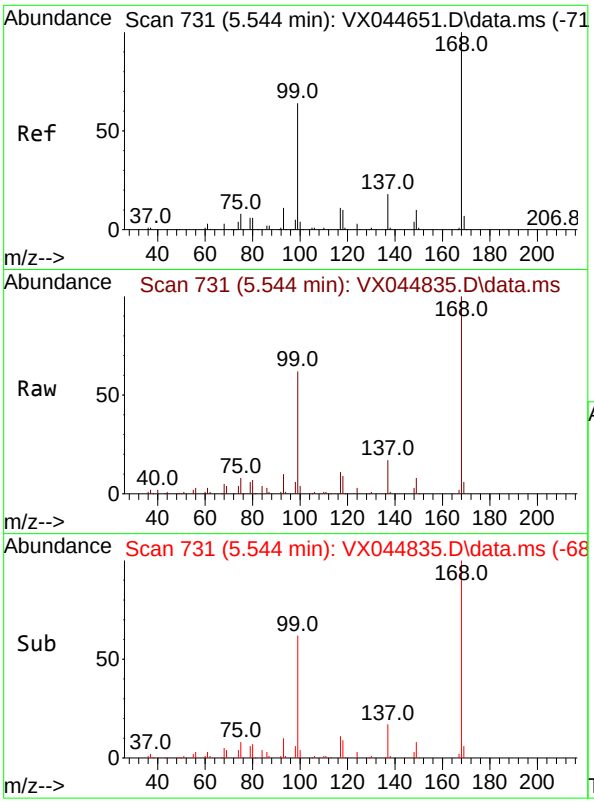
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020525\
Data File : VX044835.D
Acq On : 05 Feb 2025 10:41
Operator : JC/MD
Sample : VX0205WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0205WBL01

Quant Time: Feb 06 04:35:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 16 01:16:09 2025
Response via : Initial Calibration



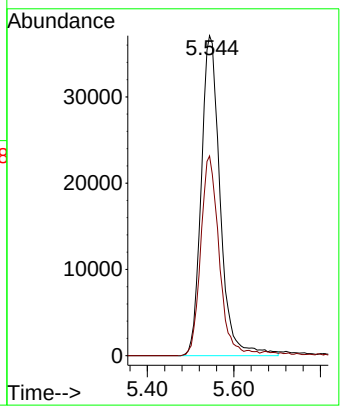


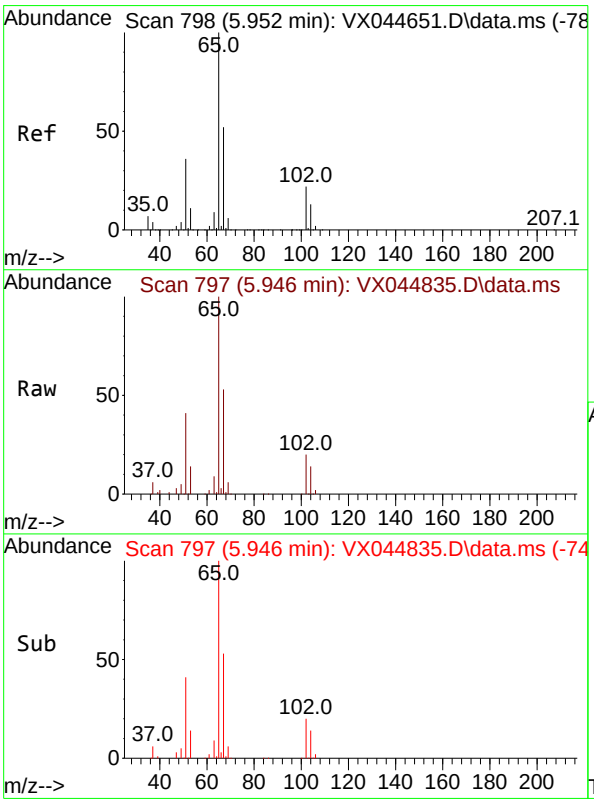
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX044835.D
Acq: 05 Feb 2025 10:41

Instrument :
MSVOA_X
ClientSampleId :
VX0205WBL01

Tgt Ion:168 Resp: 112270

Ion	Ratio	Lower	Upper
168	100		
99	62.4	51.1	76.7

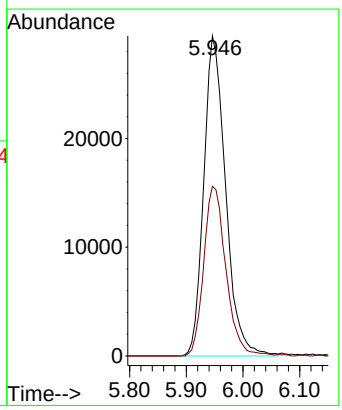


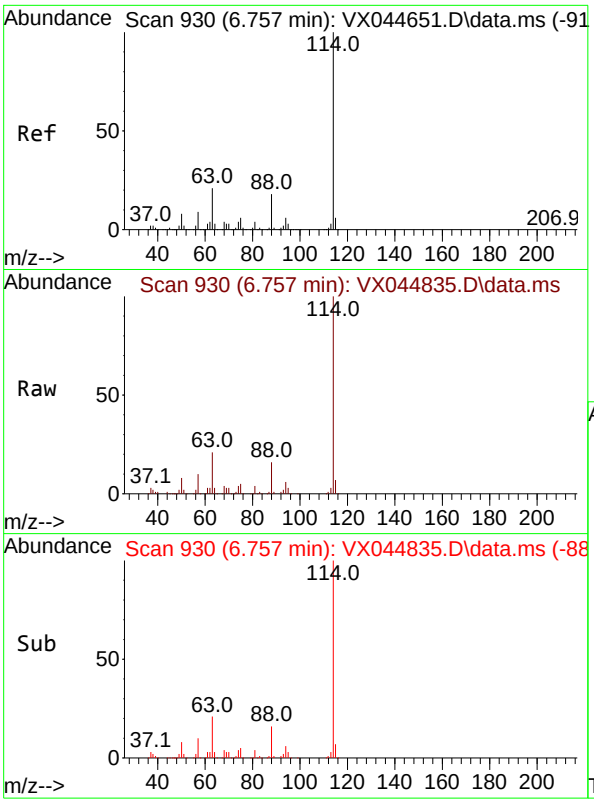


#33
1,2-Dichloroethane-d4
Concen: 46.461 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX044835.D
Acq: 05 Feb 2025 10:41

Tgt Ion: 65 Resp: 78734

Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	103.4



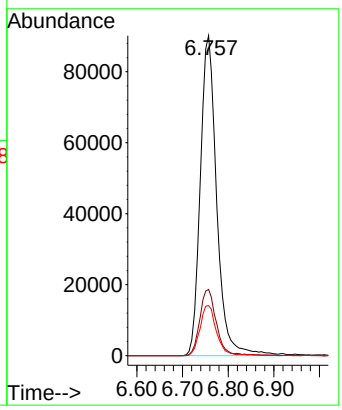


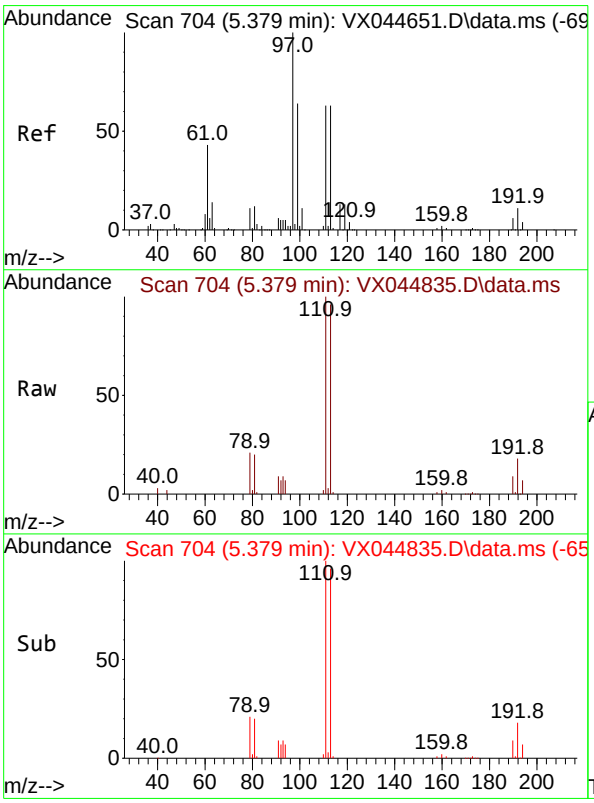
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX044835.D
Acq: 05 Feb 2025 10:41

Instrument :
MSVOA_X
ClientSampleId :
VX0205WBL01

Tgt Ion:114 Resp: 224960

Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	43.0
88	15.7	0.0	35.4

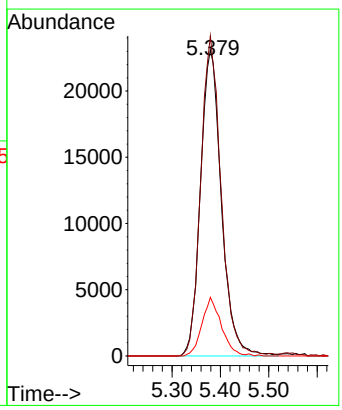


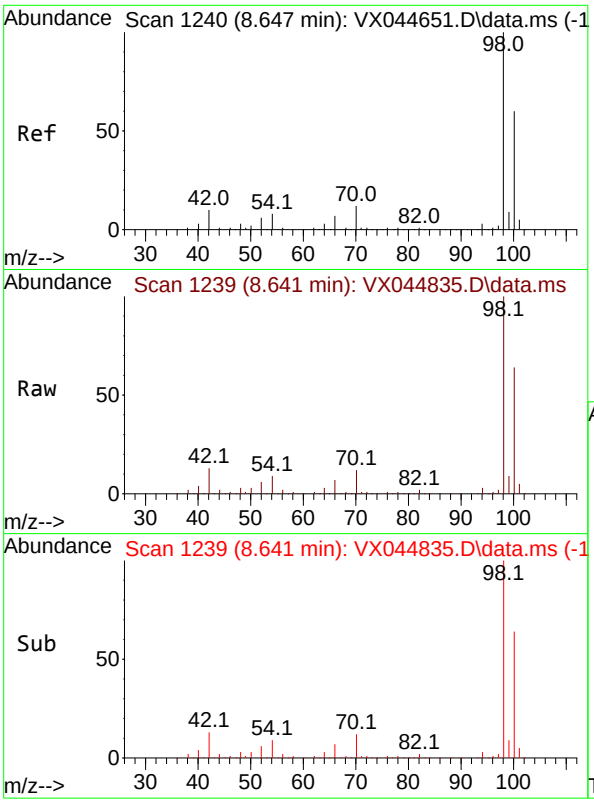


#35
Dibromofluoromethane
Concen: 48.498 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX044835.D
Acq: 05 Feb 2025 10:41

Tgt Ion:113 Resp: 69310

Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.6	122.4
192	17.8	14.4	21.6



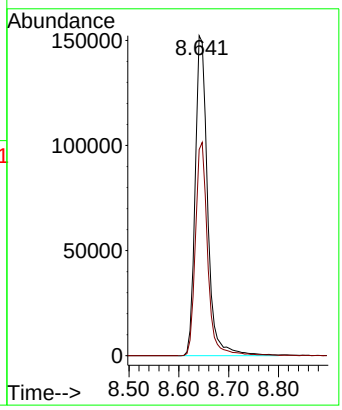


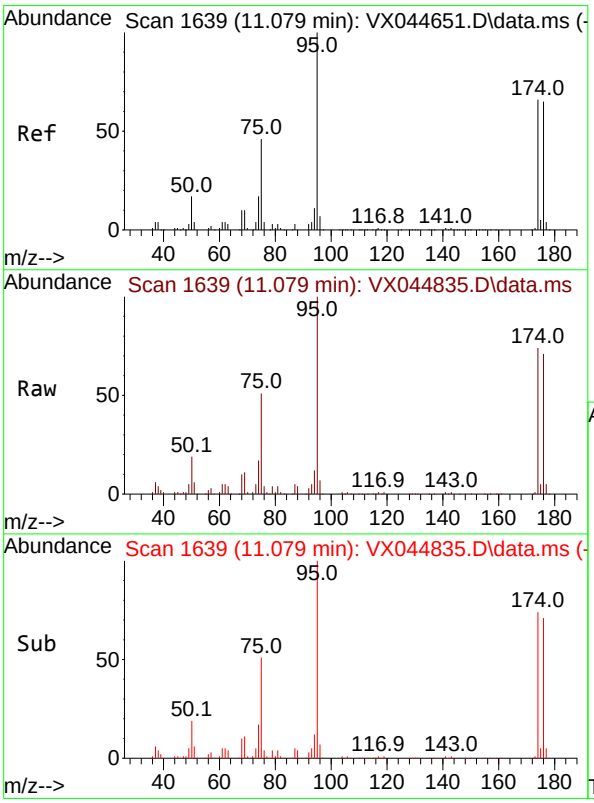
#50
Toluene-d8
Concen: 52.849 ug/l
RT: 8.641 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX044835.D
Acq: 05 Feb 2025 10:41

Instrument :
MSVOA_X
ClientSampleId :
VX0205WBL01

Tgt Ion: 98 Resp: 263350

Ion	Ratio	Lower	Upper
98	100		
100	65.7	53.2	79.8

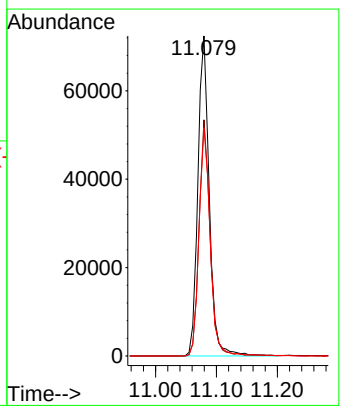


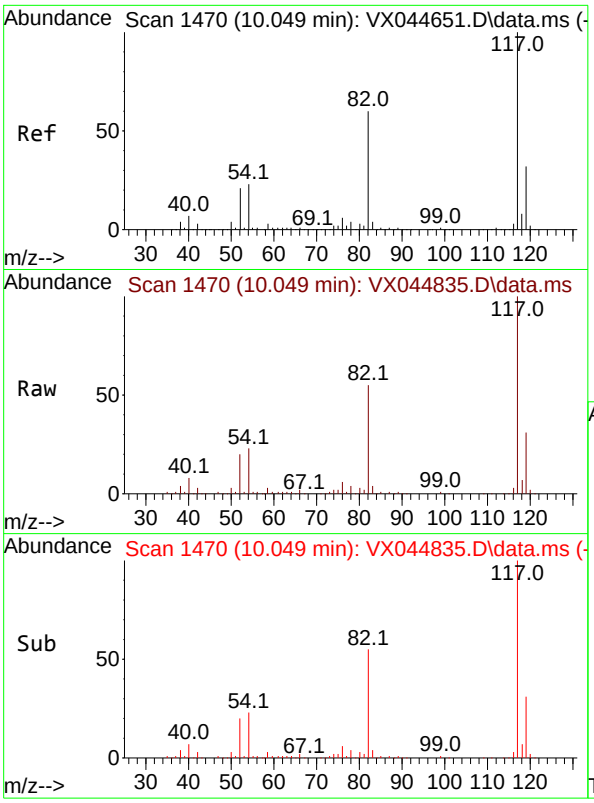


#62
4-Bromofluorobenzene
Concen: 50.716 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044835.D
Acq: 05 Feb 2025 10:41

Tgt Ion: 95 Resp: 94212

Ion	Ratio	Lower	Upper
95	100		
174	71.5	0.0	133.0
176	70.3	0.0	129.4



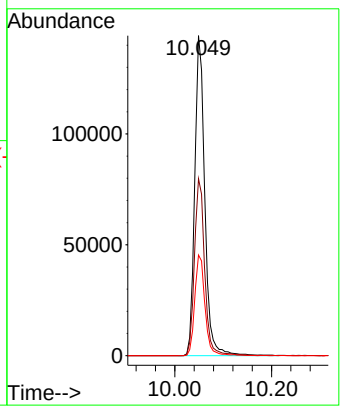


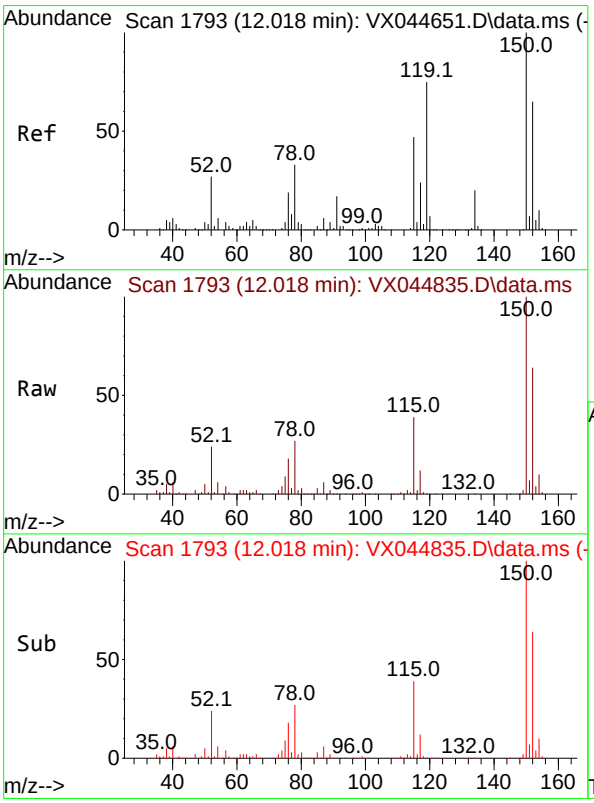
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX044835.D
Acq: 05 Feb 2025 10:41

Instrument :
MSVOA_X
ClientSampleId :
VX0205WBL01

Tgt Ion:117 Resp: 207732

Ion	Ratio	Lower	Upper
117	100		
82	55.3	47.6	71.4
119	31.5	25.4	38.2

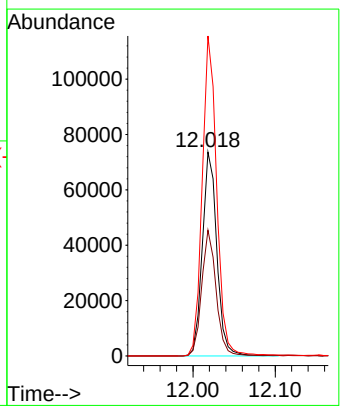




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX044835.D
Acq: 05 Feb 2025 10:41

Tgt Ion:152 Resp: 90416

Ion	Ratio	Lower	Upper
152	100		
115	61.2	43.8	131.4
150	157.2	0.0	347.8



Raw Data: **VX044838.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	
Project:	Weekly Storage Blanks	Date Received:	
Client Sample ID:	VX0205WBS02	SDG No.:	Q1268
Lab Sample ID:	VX0205WBS02	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044838.D	1		02/05/25 13:08	VX020525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	18.6		0.21	1.00	ug/L
74-87-3	Chloromethane	20.1		0.35	1.00	ug/L
75-01-4	Vinyl Chloride	20.0		0.34	1.00	ug/L
141-78-6	Ethyl Acetate	22.8		0.38	1.00	ug/L
74-83-9	Bromomethane	25.5		1.40	5.00	ug/L
75-00-3	Chloroethane	56.8		0.56	1.00	ug/L
75-69-4	Trichlorofluoromethane	24.6		0.34	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	20.9		0.25	1.00	ug/L
75-65-0	Tert butyl alcohol	90.5		5.60	25.0	ug/L
75-35-4	1,1-Dichloroethene	21.4		0.26	1.00	ug/L
107-02-8	Acrolein	87.4		6.70	25.0	ug/L
107-13-1	Acrylonitrile	120		0.90	5.00	ug/L
67-64-1	Acetone	100		1.40	5.00	ug/L
75-15-0	Carbon Disulfide	19.0		0.32	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	19.6		0.16	1.00	ug/L
79-20-9	Methyl Acetate	23.8		0.60	1.00	ug/L
75-09-2	Methylene Chloride	20.5		0.32	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	19.4		0.25	1.00	ug/L
108-05-4	Vinyl Acetate	100		0.71	5.00	ug/L
75-34-3	1,1-Dichloroethane	20.5		0.23	1.00	ug/L
110-82-7	Cyclohexane	23.1		1.60	5.00	ug/L
78-93-3	2-Butanone	110		1.30	5.00	ug/L
56-23-5	Carbon Tetrachloride	18.5		0.25	1.00	ug/L
594-20-7	2,2-Dichloropropane	17.7		0.31	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	19.9		0.25	1.00	ug/L
74-97-5	Bromochloromethane	20.3		0.18	1.00	ug/L
67-66-3	Chloroform	20.3		0.26	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	18.6		0.19	1.00	ug/L
108-87-2	Methylcyclohexane	20.4		0.19	1.00	ug/L
563-58-6	1,1-Dichloropropene	20.4		0.18	1.00	ug/L

Raw Data: **VX044838.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	
Project:	Weekly Storage Blanks	Date Received:	
Client Sample ID:	VX0205WBS02	SDG No.:	Q1268
Lab Sample ID:	VX0205WBS02	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044838.D	1		02/05/25 13:08	VX020525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
71-43-2	Benzene	21.4		0.16	1.00	ug/L
107-06-2	1,2-Dichloroethane	19.1		0.24	1.00	ug/L
79-01-6	Trichloroethene	20.2		0.32	1.00	ug/L
78-87-5	1,2-Dichloropropane	21.7		0.19	1.00	ug/L
74-95-3	Dibromomethane	19.7		0.23	1.00	ug/L
75-27-4	Bromodichloromethane	18.8		0.24	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	120		0.75	5.00	ug/L
108-88-3	Toluene	21.3		0.18	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	18.1		0.21	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	19.2		0.18	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	20.7		0.21	1.00	ug/L
142-28-9	1,3-Dichloropropane	21.6		0.17	1.00	ug/L
110-75-8	2-Chloroethyl Vinyl ether	93.4		1.80	5.00	ug/L
591-78-6	2-Hexanone	120		1.10	5.00	ug/L
124-48-1	Dibromochloromethane	18.4		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	20.4		0.16	1.00	ug/L
127-18-4	Tetrachloroethene	20.5		0.25	1.00	ug/L
108-90-7	Chlorobenzene	20.7		0.13	1.00	ug/L
630-20-6	1,1,1,2-Tetrachloroethane	18.6		0.21	1.00	ug/L
67-72-1	Hexachloroethane	17.1		0	0	ug/L
100-41-4	Ethyl Benzene	21.0		0.16	1.00	ug/L
179601-23-1	m/p-Xylenes	42.6		0.31	2.00	ug/L
95-47-6	o-Xylene	20.7		0.14	1.00	ug/L
100-42-5	Styrene	20.9		0.16	1.00	ug/L
75-25-2	Bromoform	17.0		0.21	1.00	ug/L
98-82-8	Isopropylbenzene	20.3		0.13	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	20.6		0.27	1.00	ug/L
96-18-4	1,2,3-Trichloropropane	18.9		0.39	1.00	ug/L
108-86-1	Bromobenzene	19.7		0.26	1.00	ug/L
103-65-1	n-propylbenzene	21.2		0.14	1.00	ug/L
95-49-8	2-Chlorotoluene	20.2		0.16	1.00	ug/L

Raw Data: **VX044838.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	
Project:	Weekly Storage Blanks	Date Received:	
Client Sample ID:	VX0205WBS02	SDG No.:	Q1268
Lab Sample ID:	VX0205WBS02	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044838.D	1		02/05/25 13:08	VX020525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-67-8	1,3,5-Trimethylbenzene	20.6		0.18	1.00	ug/L
106-43-4	4-Chlorotoluene	20.2		0.18	1.00	ug/L
98-06-6	tert-Butylbenzene	20.0		0.17	1.00	ug/L
95-63-6	1,2,4-Trimethylbenzene	20.4		0.18	1.00	ug/L
135-98-8	sec-Butylbenzene	21.3		0.17	1.00	ug/L
99-87-6	p-Isopropyltoluene	20.8		0.15	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	20.9		0.24	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	20.1		0.27	1.00	ug/L
104-51-8	n-Butylbenzene	20.9		0.22	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	20.4		0.19	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	15.6		0.46	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	19.1		0.42	1.00	ug/L
87-68-3	Hexachlorobutadiene	18.9		0.31	1.00	ug/L
91-20-3	Naphthalene	19.2		0.59	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	18.9		0.51	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	46.8		74 - 125	94%	SPK: 50
1868-53-7	Dibromofluoromethane	50.4		75 - 124	101%	SPK: 50
2037-26-5	Toluene-d8	53.7		86 - 113	107%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.3		77 - 121	97%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	126000	5.549			
540-36-3	1,4-Difluorobenzene	230000	6.757			
3114-55-4	Chlorobenzene-d5	200000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	87000	12.018			

Raw Data: **VX044838.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	
Project:	Weekly Storage Blanks	Date Received:	
Client Sample ID:	VX0205WBS02	SDG No.:	Q1268
Lab Sample ID:	VX0205WBS02	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044838.D	1		02/05/25 13:08	VX020525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Sample Results: **VX044838.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020525\
Data File : VX044838.D
Acq On : 05 Feb 2025 13:08
Operator : JC/MD
Sample : VX0205WBS02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 06 04:37:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 16 01:16:09 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0205WBS02

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/06/2025
Supervised By :Semsettin Yesilyurt 02/06/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.549	168	125997	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	229924	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	199881	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	86992	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	88928	46.759	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 93.520%			
35) Dibromofluoromethane	5.379	113	73630	50.408	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.820%			
50) Toluene-d8	8.646	98	273690	53.738	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.480%			
62) 4-Bromofluorobenzene	11.079	95	91640	48.266	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 96.540%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	31535	18.599	ug/l	98
3) Chloromethane	1.300	50	36866	20.107	ug/l	97
4) Vinyl Chloride	1.373	62	36193	19.979	ug/l	99
5) Bromomethane	1.593	94	11034	25.508	ug/l	93
6) Chloroethane	1.666	64	18881	56.836	ug/l	92
7) Trichlorofluoromethane	1.873	101	49188	24.567	ug/l	98
8) Diethyl Ether	2.129	74	18156	22.470	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.318	101	31509	20.935	ug/l	98
10) Methyl Iodide	2.446	142	41766	20.325	ug/l	98
11) Tert butyl alcohol	2.971	59	38373	90.507	ug/l #	86
12) 1,1-Dichloroethene	2.312	96	31583	21.408	ug/l	96
13) Acrolein	2.239	56	17441	87.415	ug/l	97
14) Allyl chloride	2.660	41	56040	19.510	ug/l	97
15) Acrylonitrile	3.062	53	95822	115.229	ug/l	99
16) Acetone	2.379	43	76043	101.062	ug/l	98
17) Carbon Disulfide	2.501	76	76587	19.025	ug/l	97
18) Methyl Acetate	2.702	43	55337	23.838	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	104819	19.616	ug/l	96
20) Methylene Chloride	2.782	84	35898	20.487	ug/l	92
21) trans-1,2-Dichloroethene	3.086	96	29899	19.411	ug/l	96
22) Diisopropyl ether	3.757	45	113444	22.720	ug/l	92
23) Vinyl Acetate	3.714	43	453164	103.692	ug/l	97
24) 1,1-Dichloroethane	3.605	63	60633	20.477	ug/l	99
25) 2-Butanone	4.556	43	128600	114.950	ug/l	99
26) 2,2-Dichloropropane	4.464	77	50918	17.743	ug/l	96
27) cis-1,2-Dichloroethene	4.476	96	38592	19.919	ug/l	97
28) Bromochloromethane	4.891	49	28052	20.274	ug/l	93
29) Tetrahydrofuran	5.001	42	84491	117.085	ug/l	95
30) Chloroform	5.086	83	60759	20.333	ug/l	100
31) Cyclohexane	5.464	56	55233	23.064	ug/l	92
32) 1,1,1-Trichloroethane	5.379	97	51220	18.645	ug/l	98
36) 1,1-Dichloropropene	5.690	75	41510	20.415	ug/l	99
37) Ethyl Acetate	4.714	43	49471	22.847	ug/l	97
38) Carbon Tetrachloride	5.665	117	42395	18.537	ug/l	95
39) Methylcyclohexane	7.372	83	55066	20.401	ug/l	97
40) Benzene	6.031	78	134592	21.362	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020525\
Data File : VX044838.D
Acq On : 05 Feb 2025 13:08
Operator : JC/MD
Sample : VX0205WBS02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 06 04:37:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 16 01:16:09 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0205WBS02

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/06/2025
Supervised By :Semsettin Yesilyurt 02/06/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.915	41	27898	22.111	ug/l		97
42) 1,2-Dichloroethane	6.086	62	43971	19.121	ug/l		100
43) Isopropyl Acetate	6.336	43	81588	20.482	ug/l		98
44) Trichloroethene	7.122	130	30540	20.162	ug/l		96
45) 1,2-Dichloropropane	7.427	63	34387	21.682	ug/l		97
46) Dibromomethane	7.580	93	23773	19.690	ug/l		99
47) Bromodichloromethane	7.817	83	46443	18.757	ug/l		98
48) Methyl methacrylate	7.689	41	37897	20.496	ug/l		98
49) 1,4-Dioxane	7.659	88	16780	434.980	ug/l		100
51) 4-Methyl-2-Pentanone	8.573	43	257448	116.953	ug/l		97
52) Toluene	8.713	92	82131	21.297	ug/l		97
53) t-1,3-Dichloropropene	8.976	75	46362	18.124	ug/l		99
54) cis-1,3-Dichloropropene	8.366	75	53174	19.170	ug/l		96
55) 1,1,2-Trichloroethane	9.146	97	32265	20.679	ug/l		95
56) Ethyl methacrylate	9.116	69	53782	20.047	ug/l		99
57) 1,3-Dichloropropane	9.305	76	57291	21.563	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.238	63	123013	93.399	ug/l		97
59) 2-Hexanone	9.427	43	186415	115.107	ug/l		100
60) Dibromochloromethane	9.518	129	33769	18.440	ug/l		99
61) 1,2-Dibromoethane	9.604	107	33291	20.360	ug/l		98
64) Tetrachloroethene	9.268	164	25778	20.538	ug/l		99
65) Chlorobenzene	10.079	112	87932	20.712	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.158	131	28713	18.609	ug/l		98
67) Ethyl Benzene	10.189	91	155716	21.020	ug/l		98
68) m/p-Xylenes	10.299	106	116974	42.551	ug/l		96
69) o-Xylene	10.640	106	57442	20.662	ug/l		99
70) Styrene	10.652	104	93680	20.871	ug/l		97
71) Bromoform	10.798	173	21406	17.046	ug/l	#	99
73) Isopropylbenzene	10.963	105	144536	20.338	ug/l		99
74) N-amyl acetate	10.841	43	66653	19.028	ug/l		97
75) 1,1,2,2-Tetrachloroethane	11.213	83	50659	20.640	ug/l		99
76) 1,2,3-Trichloropropane	11.237	75	39974m	18.935	ug/l		
77) Bromobenzene	11.195	156	32794	19.743	ug/l		95
78) n-propylbenzene	11.305	91	166010	21.182	ug/l		100
79) 2-Chlorotoluene	11.359	91	102145	20.176	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	119174	20.600	ug/l		98
81) trans-1,4-Dichloro-2-b...	11.018	75	15254	16.523	ug/l		94
82) 4-Chlorotoluene	11.451	91	112278	20.245	ug/l		97
83) tert-Butylbenzene	11.713	119	121056	20.012	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	119690	20.359	ug/l		100
85) sec-Butylbenzene	11.890	105	150106	21.312	ug/l		98
86) p-Isopropyltoluene	12.006	119	120593	20.834	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	60102	20.864	ug/l		97
88) 1,4-Dichlorobenzene	12.042	146	58641	20.137	ug/l		99
89) n-Butylbenzene	12.329	91	103928	20.905	ug/l		98
90) Hexachloroethane	12.536	117	22365	17.063	ug/l		96
91) 1,2-Dichlorobenzene	12.335	146	60487	20.446	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.944	75	9360	15.593	ug/l		98
93) 1,2,4-Trichlorobenzene	13.585	180	33825	19.126	ug/l		99
94) Hexachlorobutadiene	13.725	225	13110	18.872	ug/l		98
95) Naphthalene	13.774	128	130772	19.172	ug/l		100
96) 1,2,3-Trichlorobenzene	13.956	180	34690	18.923	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020525\
Data File : VX044838.D
Acq On : 05 Feb 2025 13:08
Operator : JC/MD
Sample : VX0205WBS02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 06 04:37:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 16 01:16:09 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0205WBS02

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/06/2025
Supervised By :Semsettin Yesilyurt 02/06/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

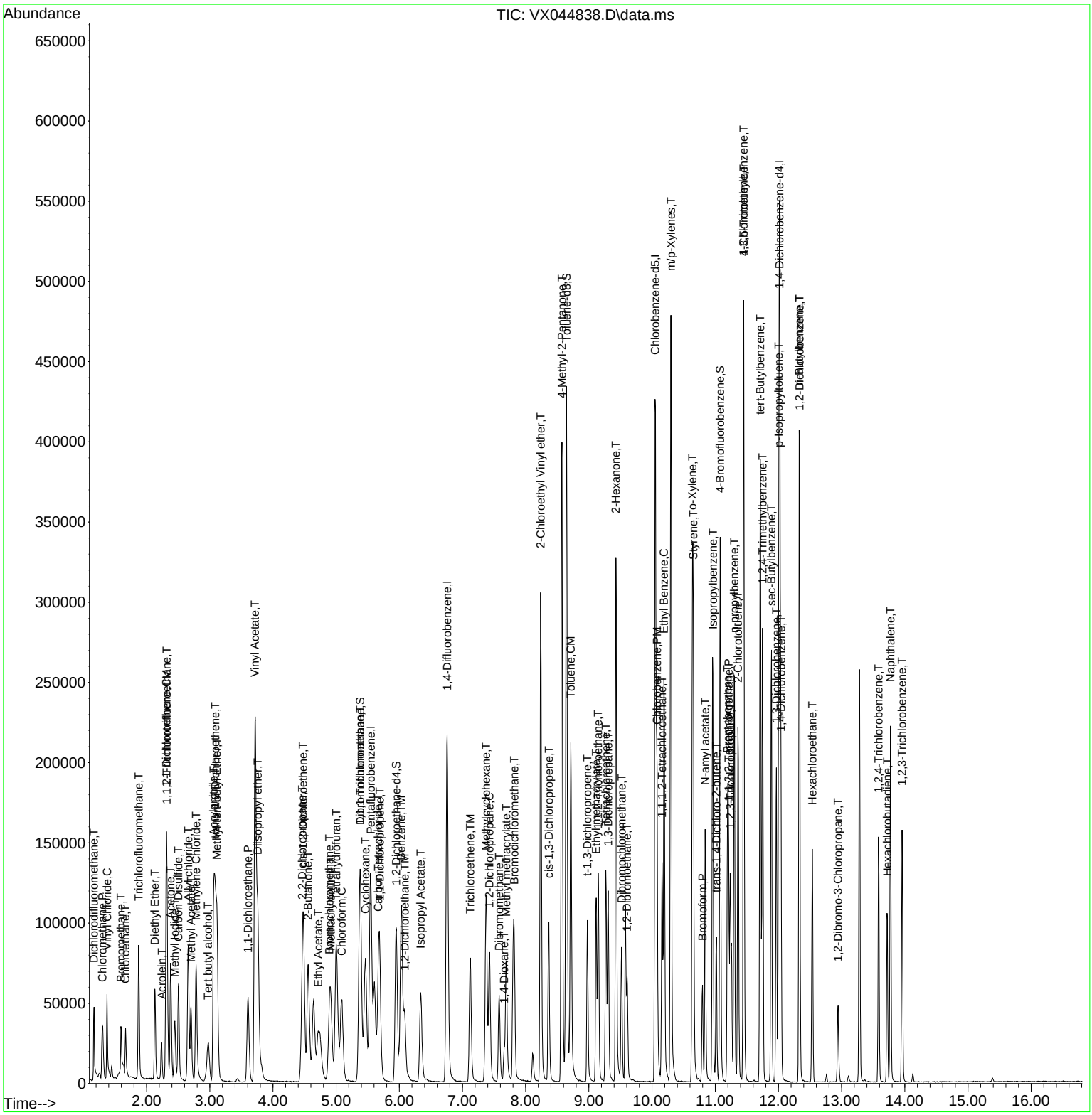
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020525\
Data File : VX044838.D
Acq On : 05 Feb 2025 13:08
Operator : JC/MD
Sample : VX0205WBS02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 06 04:37:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 16 01:16:09 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0205WBS02

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/06/2025
Supervised By :Semsettin Yesilyurt 02/06/2025



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	VX011525	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC001	VX044648.D	1,2,3-Trichloropropane	JOHN	1/15/2025 3:49:52 PM	SAM	1/16/2025 7:37:32 AM	Peak Integrated by Software
VSTDICC001	VX044648.D	1,4-Dichlorobenzene	JOHN	1/15/2025 3:49:52 PM	SAM	1/16/2025 7:37:32 AM	Peak Integrated by Software
VSTDICC001	VX044648.D	Methacrylonitrile	JOHN	1/15/2025 3:49:52 PM	SAM	1/16/2025 7:37:32 AM	Peak Integrated by Software
VSTDICC005	VX044649.D	1,2,3-Trichloropropane	JOHN	1/15/2025 3:49:56 PM	SAM	1/16/2025 7:37:34 AM	Peak Integrated by Software
VSTDICC005	VX044649.D	Tert butyl alcohol	JOHN	1/15/2025 3:49:56 PM	SAM	1/16/2025 7:37:34 AM	Peak Integrated by Software
VSTDICC020	VX044650.D	1,2,3-Trichloropropane	JOHN	1/15/2025 3:50:00 PM	SAM	1/16/2025 7:37:35 AM	Peak Integrated by Software
VSTDICC020	VX044650.D	Tert butyl alcohol	JOHN	1/15/2025 3:50:00 PM	SAM	1/16/2025 7:37:35 AM	Peak Integrated by Software
VSTDICCC050	VX044651.D	1,2,3-Trichloropropane	JOHN	1/15/2025 3:50:04 PM	SAM	1/16/2025 7:37:43 AM	Peak Integrated by Software
VSTDICCC050	VX044651.D	Tert butyl alcohol	JOHN	1/15/2025 3:50:04 PM	SAM	1/16/2025 7:37:43 AM	Peak Integrated by Software
VSTDICC100	VX044652.D	1,2,3-Trichloropropane	JOHN	1/15/2025 3:50:09 PM	SAM	1/16/2025 7:37:45 AM	Peak Integrated by Software
VSTDICC100	VX044652.D	Tert butyl alcohol	JOHN	1/15/2025 3:50:09 PM	SAM	1/16/2025 7:37:45 AM	Peak Integrated by Software
VSTDICC150	VX044653.D	1,2,3-Trichloropropane	JOHN	1/15/2025 3:50:13 PM	SAM	1/16/2025 7:37:47 AM	Peak Integrated by Software
VSTDICC150	VX044653.D	Tert butyl alcohol	JOHN	1/15/2025 3:50:13 PM	SAM	1/16/2025 7:37:47 AM	Peak Integrated by Software

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	VX011525	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICV050	VX044655.D	1,2,3-Trichloropropane	MMDADODA	1/16/2025 7:35:14 AM	SAM	1/16/2025 7:37:49 AM	Peak Integrated by Software
VSTDICV050	VX044655.D	Tert butyl alcohol	MMDADODA	1/16/2025 7:35:14 AM	SAM	1/16/2025 7:37:49 AM	Peak Integrated by Software

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	VX020525	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX044833.D	1,2,3-Trichloropropane	MMDadoda	2/6/2025 1:23:37 PM	SAM	2/6/2025 1:24:51 PM	Peak Integrated by Software
VX0205WBS02	VX044838.D	1,2,3-Trichloropropane	MMDadoda	2/6/2025 1:23:40 PM	SAM	2/6/2025 1:24:54 PM	Peak Integrated by Software
VSTDCCC050	VX044854.D	1,2,3-Trichloropropane	MMDadoda	2/6/2025 1:23:44 PM	SAM	2/6/2025 1:24:59 PM	Peak Integrated by Software

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX011525

Review By	John Carlone	Review On	1/15/2025 4:32:35 PM		
Supervise By	Mahesh Dadoda	Supervise On	1/16/2025 7:35:39 AM		
SubDirectory	VX011525	HP Acquire Method		HP Processing Method	82X011525W.M

STD. NAME	STD REF.#
Tune/Reschk	VP132553
Initial Calibration Stds	VP132558,VP132559,VP132560,VP132561,VP132562,VP132563
CCC	
Internal Standard/PEM	
ICV/I.BLK	VP132564
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX044647.D	15 Jan 2025 09:30	JC/MD	Ok
2	VSTDICC001	VX044648.D	15 Jan 2025 10:31	JC/MD	Ok,M
3	VSTDICC005	VX044649.D	15 Jan 2025 11:17	JC/MD	Ok,M
4	VSTDICC020	VX044650.D	15 Jan 2025 11:40	JC/MD	Ok,M
5	VSTDICCC050	VX044651.D	15 Jan 2025 12:02	JC/MD	Ok,M
6	VSTDICC100	VX044652.D	15 Jan 2025 13:14	JC/MD	Ok,M
7	VSTDICC150	VX044653.D	15 Jan 2025 13:37	JC/MD	Ok,M
8	IBLK	VX044654.D	15 Jan 2025 14:00	JC/MD	Ok
9	VSTDICV050	VX044655.D	15 Jan 2025 15:15	JC/MD	Ok,M

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX020525

Review By	Mahesh Dadoda	Review On	2/6/2025 1:23:36 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	2/6/2025 1:25:11 PM		
SubDirectory	VX020525	HP Acquire Method		HP Processing Method	82X011525W.M

STD. NAME	STD REF.#
Tune/Reschk	VP132888
Initial Calibration Stds	
CCC	VP132889,VP132890
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX044832.D	05 Feb 2025 08:02	JC/MD	Ok
2	VSTDCCC050	VX044833.D	05 Feb 2025 09:51	JC/MD	Ok,M
3	VX0205MBL01	VX044834.D	05 Feb 2025 10:18	JC/MD	Ok
4	VX0205WBL01	VX044835.D	05 Feb 2025 10:41	JC/MD	Ok
5	VX0205WBS01	VX044836.D	05 Feb 2025 11:59	JC/MD	Not Ok
6	IBLK	VX044837.D	05 Feb 2025 12:22	JC/MD	Ok
7	VX0205WBS02	VX044838.D	05 Feb 2025 13:08	JC/MD	Ok,M
8	Q1268-03	VX044839.D	05 Feb 2025 13:31	JC/MD	Ok
9	Q1268-04	VX044840.D	05 Feb 2025 13:54	JC/MD	Ok
10	Q1250-01	VX044841.D	05 Feb 2025 14:17	JC/MD	ReRun
11	Q1268-01	VX044842.D	05 Feb 2025 14:40	JC/MD	Ok
12	Q1268-02	VX044843.D	05 Feb 2025 15:04	JC/MD	Ok
13	Q1250-04	VX044844.D	05 Feb 2025 15:27	JC/MD	ReRun
14	Q1250-05	VX044845.D	05 Feb 2025 15:50	JC/MD	ReRun
15	Q1250-10	VX044846.D	05 Feb 2025 16:13	JC/MD	ReRun
16	Q1250-11	VX044847.D	05 Feb 2025 16:36	JC/MD	ReRun
17	Q1250-12	VX044848.D	05 Feb 2025 16:59	JC/MD	ReRun
18	Q1250-02	VX044849.D	05 Feb 2025 17:22	JC/MD	ReRun
19	Q1250-03	VX044850.D	05 Feb 2025 17:45	JC/MD	ReRun
20	Q1250-06	VX044851.D	05 Feb 2025 18:09	JC/MD	ReRun
21	Q1250-07MS	VX044852.D	05 Feb 2025 18:32	JC/MD	ReRun

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX020525

Review By	Mahesh Dadoda	Review On	2/6/2025 1:23:36 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	2/6/2025 1:25:11 PM		
SubDirectory	VX020525	HP Acquire Method		HP Processing Method	82X011525W.M

STD. NAME	STD REF.#
Tune/Reschk	VP132888
Initial Calibration Stds	
CCC	VP132889,VP132890
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q1250-08MSD	VX044853.D	05 Feb 2025 18:55	JC/MD	ReRun
23	VSTDCCC050	VX044854.D	05 Feb 2025 19:17	JC/MD	Ok,M

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX011525

Review By	John Carlone	Review On	1/15/2025 4:32:35 PM		
Supervise By	Mahesh Dadoda	Supervise On	1/16/2025 7:35:39 AM		
SubDirectory	VX011525	HP Acquire Method		HP Processing Method	82X011525W.M

STD. NAME	STD REF.#
Tune/Reschk	VP132553
Initial Calibration Stds	VP132558,VP132559,VP132560,VP132561,VP132562,VP132563
CCC	
Internal Standard/PEM	
ICV/I.BLK	VP132564
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX044647.D	15 Jan 2025 09:30		JC/MD	Ok
2	VSTDICC001	VSTDICC001	VX044648.D	15 Jan 2025 10:31		JC/MD	Ok,M
3	VSTDICC005	VSTDICC005	VX044649.D	15 Jan 2025 11:17		JC/MD	Ok,M
4	VSTDICC020	VSTDICC020	VX044650.D	15 Jan 2025 11:40		JC/MD	Ok,M
5	VSTDICCC050	VSTDICCC050	VX044651.D	15 Jan 2025 12:02	Method failed for Acrolein	JC/MD	Ok,M
6	VSTDICC100	VSTDICC100	VX044652.D	15 Jan 2025 13:14		JC/MD	Ok,M
7	VSTDICC150	VSTDICC150	VX044653.D	15 Jan 2025 13:37		JC/MD	Ok,M
8	IBLK	IBLK	VX044654.D	15 Jan 2025 14:00		JC/MD	Ok
9	VSTDICV050	ICVVX011525	VX044655.D	15 Jan 2025 15:15		JC/MD	Ok,M

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX020525

Review By	Mahesh Dadoda	Review On	2/6/2025 1:23:36 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	2/6/2025 1:25:11 PM		
SubDirectory	VX020525	HP Acquire Method		HP Processing Method	82X011525W.M

STD. NAME	STD REF.#
Tune/Reschk	VP132888
Initial Calibration Stds	
CCC	VP132889,VP132890
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX044832.D	05 Feb 2025 08:02		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX044833.D	05 Feb 2025 09:51	V13516	JC/MD	Ok,M
3	VX0205MBL01	VX0205MBL01	VX044834.D	05 Feb 2025 10:18		JC/MD	Ok
4	VX0205WBL01	VX0205WBL01	VX044835.D	05 Feb 2025 10:41		JC/MD	Ok
5	VX0205WBS01	VX0205WBS01	VX044836.D	05 Feb 2025 11:59	Surrogate Fail	JC/MD	Not Ok
6	IBLK	IBLK	VX044837.D	05 Feb 2025 12:22		JC/MD	Ok
7	VX0205WBS02	VX0205WBS02	VX044838.D	05 Feb 2025 13:08		JC/MD	Ok,M
8	Q1268-03	Storage-Blank-WATER-	VX044839.D	05 Feb 2025 13:31	vial B pH<2	JC/MD	Ok
9	Q1268-04	Storage-Blank-SAMPLE	VX044840.D	05 Feb 2025 13:54	vial B pH<2	JC/MD	Ok
10	Q1250-01	BP-VPB-192-TB-20250	VX044841.D	05 Feb 2025 14:17	END CCC fail for comp.#06; TB	JC/MD	ReRun
11	Q1268-01	Storage-Blank-SOIL-RE	VX044842.D	05 Feb 2025 14:40	vial B pH<2	JC/MD	Ok
12	Q1268-02	Storage-Blank-WATER-	VX044843.D	05 Feb 2025 15:04	vial B pH<2	JC/MD	Ok
13	Q1250-04	BP-VPB-192-GW-320-3	VX044844.D	05 Feb 2025 15:27	END CCC fail for comp.#06	JC/MD	ReRun
14	Q1250-05	BP-VPB-192-GW-340-3	VX044845.D	05 Feb 2025 15:50	END CCC fail for comp.#06	JC/MD	ReRun
15	Q1250-10	BP-VPB-192-GW-380-3	VX044846.D	05 Feb 2025 16:13	END CCC fail for comp.#06	JC/MD	ReRun
16	Q1250-11	BP-VPB-192-GW-400-4	VX044847.D	05 Feb 2025 16:36	END CCC fail for comp.#06	JC/MD	ReRun
17	Q1250-12	BP-VPB-192-GW-440-4	VX044848.D	05 Feb 2025 16:59	END CCC fail for comp.#06	JC/MD	ReRun
18	Q1250-02	BP-VPB-192-GW-420-4	VX044849.D	05 Feb 2025 17:22	END CCC fail for comp.#06	JC/MD	ReRun

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX020525

Review By	Mahesh Dadoda	Review On	2/6/2025 1:23:36 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	2/6/2025 1:25:11 PM		
SubDirectory	VX020525	HP Acquire Method		HP Processing Method	82X011525W.M

STD. NAME	STD REF.#
Tune/Reschk	VP132888
Initial Calibration Stds	
CCC	VP132889,VP132890
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q1250-03	BP-VPB-192-GW-300-3	VX044850.D	05 Feb 2025 17:45	END CCC fail for comp.#06	JC/MD	ReRun
20	Q1250-06	BP-VPB-192-GW-360-3	VX044851.D	05 Feb 2025 18:09	END CCC fail for comp.#06	JC/MD	ReRun
21	Q1250-07MS	BP-VPB-192-GW-360-3	VX044852.D	05 Feb 2025 18:32	END CCC fail for comp.#06	JC/MD	ReRun
22	Q1250-08MSD	BP-VPB-192-GW-360-3	VX044853.D	05 Feb 2025 18:55	END CCC fail for comp.#06	JC/MD	ReRun
23	VSTDCCC050	VSTDCCC050EC	VX044854.D	05 Feb 2025 19:17	Failed for comp.#06	JC/MD	Ok,M

M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 2/3/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:35
In Date: 01/31/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:40
Out Date: 02/01/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC: LB134497

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q1236-01	WASTE	17	1.14	8.55	9.69	8.12	81.6	
Q1236-02	VOC	18	1.13	8.71	9.84	8.3	82.3	
Q1236-03	1	19	1.17	8.50	9.67	8.2	82.7	
Q1236-04	2	20	1.17	8.60	9.77	8.2	81.7	
Q1236-05	3	21	1.15	8.84	9.99	8.35	81.4	
Q1236-06	4	22	1.16	8.53	9.69	8.24	83.0	
Q1236-07	5	23	1.15	8.82	9.97	8.48	83.1	
Q1241-01	JPP-3.5-013025	1	1.15	8.58	9.73	8.41	84.6	
Q1241-03	JPP-3.5-013025	2	1.12	8.76	9.88	8.3	82.0	
Q1241-05	JPP-5.3-013025	3	1.15	8.43	9.58	8.68	89.3	
Q1241-07	JPP-5.3-013025	4	1.11	8.77	9.88	8.81	87.8	
Q1241-09	JPP-5.2-013025	5	1.15	8.59	9.74	8.65	87.3	
Q1241-11	JPP-5.2-013025	6	1.12	8.41	9.53	8.58	88.7	
Q1241-13	JPP-5.4-013025	7	1.16	8.66	9.82	8.69	87.0	
Q1241-15	JPP-5.4-013025	8	1.18	8.45	9.63	8.5	86.6	
Q1241-17	JPP-51.4-013025	9	1.14	8.55	9.69	9.12	93.3	
Q1241-19	JPP-51.4-013025	10	1.16	8.51	9.67	9.09	93.2	
Q1242-01	JPP-6.2-013025	11	1.15	8.80	9.95	8.32	81.5	
Q1242-03	JPP-6.2-013025	12	1.13	8.60	9.73	8.11	81.2	
Q1243-01	CL-01-01302025	13	1.16	8.40	9.56	9.12	94.8	
Q1243-02	CL-01-01302025-E2	14	1.13	8.70	9.83	9.36	94.6	
Q1244-01	EO-02-01302025	15	1.18	8.71	9.89	9.36	93.9	
Q1244-02	EO-02-01302025-E2	16	1.12	8.80	9.92	9.42	94.3	
Q1254-01	OK-02-01312025	24	1.16	8.40	9.56	8.48	87.1	
Q1254-02	OK-02-01312025-E2	25	1.15	8.83	9.98	9.6	95.7	
Q1257-01	013025	42	1.00	1.00	2.00	2.00	100.0	wipe sample
Q1258-01	112224A	43	1.00	1.00	2.00	2.00	100.0	debris
Q1259-01	12825	44	1.14	8.70	9.84	8.7	86.9	

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 2/3/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:35
In Date: 01/31/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:40
Out Date: 02/01/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC: LB134497

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q1260-01	12925-A	45	1.00	1.00	2.00	2.00	100.0	debris
Q1260-02	12925-BC	46	1.16	8.42	9.58	9.2	95.5	
Q1261-01	CHRT-20430	47	1.14	8.43	9.57	5.86	56.0	
Q1261-02	CHRT-20430-E2	48	1.12	8.77	9.89	5.93	54.8	
Q1262-01	ETGI-371	49	1.15	8.70	9.85	8.64	86.1	
Q1262-02	ETGI-371-E2	50	1.16	8.82	9.98	8.78	86.4	
Q1262-03	CONCRETE-PAD	51	1.00	1.00	2.00	2.00	100.0	CONCRETE sample
Q1262-04	CONCRETE-PAD-E2	52	1.00	1.00	2.00	2.00	100.0	CONCRETE sample
Q1262-05	3762	53	1.00	1.00	2.00	2.00	100.0	debris
Q1263-01	KMA9027-1-1	54	1.00	1.00	2.00	2.00	100.0	pilc
Q1263-02	KMA9027-1-2	55	1.00	1.00	2.00	2.00	100.0	pilc
Q1263-03	BC274653-1-1	56	1.00	1.00	2.00	2.00	100.0	pilc
Q1263-04	BC274653-1-2	57	1.00	1.00	2.00	2.00	100.0	pilc
Q1264-01	AUD-1606	26	1.18	8.62	9.8	9.63	98.0	
Q1264-02	AUD-25-0008	27	1.11	8.71	9.82	7.77	76.5	
Q1265-01	AUD-25-0006	28	1.00	1.00	2.00	2.00	100.0	wipe sample
Q1267-01	TRE-25-0003	29	1.00	1.00	2.00	2.00	100.0	wipe sample
Q1267-02	TRE-25-0009	30	1.00	1.00	2.00	2.00	100.0	wipe sample
Q1267-03	TRE-25-0011	31	1.00	1.00	2.00	2.00	100.0	wipe sample
Q1268-05	SVOC-GPC-BLANK	32	1.00	1.00	2.00	2.00	100.0	
Q1268-06	PEST-GPC-BLANK	33	1.00	1.00	2.00	2.00	100.0	
Q1268-07	PEST-GPC-BLANK-SPIKE	34	1.00	1.00	2.00	2.00	100.0	
Q1268-08	PCB-GPC-BLANK	35	1.00	1.00	2.00	2.00	100.0	
Q1268-09	PCB-GPC-BLANK-SPIKE	36	1.00	1.00	2.00	2.00	100.0	
Q1268-10	SVOC-GPC2-BLANK	37	1.00	1.00	2.00	2.00	100.0	
Q1268-11	PEST-GPC2-BLANK	38	1.00	1.00	2.00	2.00	100.0	
Q1268-12	PEST-GPC2-BLANK-SPIKE	39	1.00	1.00	2.00	2.00	100.0	
Q1268-13	PCB-GPC2-BLANK	40	1.00	1.00	2.00	2.00	100.0	

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 2/3/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:35
In Date: 01/31/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:40
Out Date: 02/01/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC: LB134497

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q1268-14	PCB-GPC2-BLANK-SPIKE	41	1.00	1.00	2.00	2.00	100.0	
Q1269-01	VNJ-231	58	1.17	8.81	9.98	9.00	88.9	
Q1269-02	VNJ-231-E2	59	1.12	8.86	9.98	9.1	90.1	
Q1270-01	BC247799-1-1	60	1.00	1.00	2.00	2.00	100.0	pilc
Q1270-02	BC247799-1-2	61	1.00	1.00	2.00	2.00	100.0	pilc
Q1270-03	BC274768-1-1	62	1.00	1.00	2.00	2.00	100.0	pilc
Q1270-04	BC274768-1-2	63	1.00	1.00	2.00	2.00	100.0	pilc
Q1270-05	BC274768-2-1	64	1.00	1.00	2.00	2.00	100.0	pilc
Q1270-06	BC274768-2-2	65	1.00	1.00	2.00	2.00	100.0	pilc
Q1271-01	RBR200030	66	1.12	8.74	9.86	8.87	88.7	
Q1271-02	RBR200030-E2	67	1.17	8.53	9.7	9.02	92.0	
Q1271-03	3189-3196	68	1.00	1.00	2.00	2.00	100.0	oil sample

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

R134497

WorkList Name : %1-013125 **WorkList ID :** 187328 **Department :** Wet-Chemistry **Date :** 01-31-2025 07:56:55

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1236-01	WASTE	Solid	Percent Solids	Cool 4 deg C	SCIA01	E11	01/30/2025	Chemtech -SO
Q1236-02	VOC	Solid	Percent Solids	Cool 4 deg C	SCIA01	E11	01/30/2025	Chemtech -SO
Q1236-03	1	Solid	Percent Solids	Cool 4 deg C	SCIA01	E11	01/30/2025	Chemtech -SO
Q1236-04	2	Solid	Percent Solids	Cool 4 deg C	SCIA01	E11	01/30/2025	Chemtech -SO
Q1236-05	3	Solid	Percent Solids	Cool 4 deg C	SCIA01	E11	01/30/2025	Chemtech -SO
Q1236-06	4	Solid	Percent Solids	Cool 4 deg C	SCIA01	E11	01/30/2025	Chemtech -SO
Q1236-07	5	Solid	Percent Solids	Cool 4 deg C	SCIA01	E11	01/30/2025	Chemtech -SO
Q1241-01	JPP-3.5-013025	Solid	Percent Solids	Cool 4 deg C	SCIA01	E11	01/30/2025	Chemtech -SO
Q1241-03	JPP-3.5-013025	Solid	Percent Solids	Cool 4 deg C	RUTW01	E11	01/30/2025	Chemtech -SO
Q1241-05	JPP-5.3-013025	Solid	Percent Solids	Cool 4 deg C	RUTW01	E11	01/30/2025	Chemtech -SO
Q1241-07	JPP-5.3-013025	Solid	Percent Solids	Cool 4 deg C	RUTW01	E11	01/30/2025	Chemtech -SO
Q1241-09	JPP-5.2-013025	Solid	Percent Solids	Cool 4 deg C	RUTW01	E11	01/30/2025	Chemtech -SO
Q1241-11	JPP-5.2-013025	Solid	Percent Solids	Cool 4 deg C	RUTW01	E11	01/30/2025	Chemtech -SO
Q1241-13	JPP-5.4-013025	Solid	Percent Solids	Cool 4 deg C	RUTW01	E11	01/30/2025	Chemtech -SO
Q1241-15	JPP-5.4-013025	Solid	Percent Solids	Cool 4 deg C	RUTW01	E11	01/30/2025	Chemtech -SO
Q1241-17	JPP-51.4-013025	Solid	Percent Solids	Cool 4 deg C	RUTW01	E11	01/30/2025	Chemtech -SO
Q1241-19	JPP-51.4-013025	Solid	Percent Solids	Cool 4 deg C	RUTW01	E11	01/30/2025	Chemtech -SO
Q1242-01	JPP-6.2-013025	Solid	Percent Solids	Cool 4 deg C	RUTW01	E11	01/30/2025	Chemtech -SO
Q1242-03	JPP-6.2-013025	Solid	Percent Solids	Cool 4 deg C	RUTW01	E11	01/30/2025	Chemtech -SO
Q1243-01	CL-01-01302025	Solid	Percent Solids	Cool 4 deg C	RUTW01	E11	01/30/2025	Chemtech -SO
Q1243-02	CL-01-01302025-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	N41	01/30/2025	Chemtech -SO

Date/Time 01/31/25 16:10

Raw Sample Received by: JD (JC)

Raw Sample Relinquished by: RJ (CEAT-Lab)

Date/Time 01/31/25 17:50

Raw Sample Received by: RJ (CEAT-Lab)

Raw Sample Relinquished by: JD (JC)

WORKLIST(Hardcopy Internal Chain)

134497

WorkList Name : %1-013125 **WorkList ID :** 187328 **Department :** Wet-Chemistry **Date :** 01-31-2025 07:56:55

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1244-01	EO-02-01302025	Solid	Percent Solids	Cool 4 deg C	PSEG05	N51	01/30/2025	Chemtech -SO
Q1244-02	EO-02-01302025-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	N51	01/30/2025	Chemtech -SO
Q1254-01	OK-02-01312025	Solid	Percent Solids	Cool 4 deg C	PSEG05	N41	01/31/2025	Chemtech -SO
Q1254-02	OK-02-01312025-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	N41	01/31/2025	Chemtech -SO
Q1257-01	013025	Solid	Percent Solids	Cool 4 deg C	PSEG03	N41	01/31/2025	Chemtech -SO
Q1258-01	112224A	Solid	Percent Solids	Cool 4 deg C	PSEG03	N41	01/31/2025	Chemtech -SO
Q1259-01	12825	Solid	Percent Solids	Cool 4 deg C	PSEG03	N31	01/31/2025	Chemtech -SO
Q1260-01	12925-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	N31	01/31/2025	Chemtech -SO
Q1260-02	12925-BC	Solid	Percent Solids	Cool 4 deg C	PSEG03	N31	01/31/2025	Chemtech -SO
Q1261-01	CHRT-20430	Solid	Percent Solids	Cool 4 deg C	PSEG03	N41	01/31/2025	Chemtech -SO
Q1261-02	CHRT-20430-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	N41	01/31/2025	Chemtech -SO
Q1262-01	ETGI-371	Solid	Percent Solids	Cool 4 deg C	PSEG03	N41	01/31/2025	Chemtech -SO
Q1262-02	ETGI-371-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	N41	01/31/2025	Chemtech -SO
Q1262-03	CONCRETE-PAD	Solid	Percent Solids	Cool 4 deg C	PSEG03	N41	01/31/2025	Chemtech -SO
Q1262-04	CONCRETE-PAD-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	N41	01/31/2025	Chemtech -SO
Q1262-05	3762	Solid	Percent Solids	Cool 4 deg C	PSEG03	N41	01/31/2025	Chemtech -SO
Q1263-01	KMA9027-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	N41	01/31/2025	Chemtech -SO
Q1263-02	KMA9027-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	N11	01/31/2025	Chemtech -SO
Q1263-03	BC274653-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	N11	01/31/2025	Chemtech -SO
Q1263-04	BC274653-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	N11	01/31/2025	Chemtech -SO
Q1264-01	AUD-1606	Solid	Percent Solids	Cool 4 deg C	PSEG03	N31	01/31/2025	Chemtech -SO

Date/Time 01/31/25 16:10

Raw Sample Received by: SD CEDC

Raw Sample Relinquished by: RJ CEDC-Cab

Date/Time 01/31/25 17:50

Raw Sample Received by: RJ CEDC-Cab

Raw Sample Relinquished by: SD CEDC

WORKLIST(Hardcopy Internal Chain)

VB134497

WorkList Name : %1-013125 **WorkList ID :** 187328 **Department :** Wet-Chemistry **Date :** 01-31-2025 07:56:55

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1264-02	AUD-25-0008	Solid	Percent Solids	Cool 4 deg C	PSEG03	N31	01/31/2025	Chemtech -SO
Q1265-01	AUD-25-0006	Solid	Percent Solids	Cool 4 deg C	PSEG03	N41	01/31/2025	Chemtech -SO
Q1267-01	TRE-25-0003	Solid	Percent Solids	Cool 4 deg C	PSEG03	N41	01/31/2025	Chemtech -SO
Q1267-02	TRE-25-0009	Solid	Percent Solids	Cool 4 deg C	PSEG03	N41	01/31/2025	Chemtech -SO
Q1267-03	TRE-25-0011	Solid	Percent Solids	Cool 4 deg C	PSEG03	N41	01/31/2025	Chemtech -SO
Q1268-05	SVOC-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	D11	01/31/2025	Chemtech -SO
Q1268-06	PEST-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	D11	01/31/2025	Chemtech -SO
Q1268-07	PEST-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	D11	01/31/2025	Chemtech -SO
Q1268-08	PCB-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	D11	01/31/2025	Chemtech -SO
Q1268-09	PCB-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	D11	01/31/2025	Chemtech -SO
Q1268-10	SVOC-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	D11	01/31/2025	Chemtech -SO
Q1268-11	PEST-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	D11	01/31/2025	Chemtech -SO
Q1268-12	PEST-GPC2-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	D11	01/31/2025	Chemtech -SO
Q1268-13	PCB-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	D11	01/31/2025	Chemtech -SO
Q1268-14	PCB-GPC2-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	D11	01/31/2025	Chemtech -SO
Q1269-01	VNJ-231	Solid	Percent Solids	Cool 4 deg C	CHEM02	D11	01/31/2025	Chemtech -SO
Q1269-02	VNJ-231-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D11	01/31/2025	Chemtech -SO
Q1270-01	BC247799-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D11	01/31/2025	Chemtech -SO
Q1270-02	BC247799-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	01/31/2025	Chemtech -SO
Q1270-03	BC274768-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	01/31/2025	Chemtech -SO
Q1270-04	BC274768-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	01/31/2025	Chemtech -SO

Date/Time 01/31/25 16:10

Raw Sample Received by: JA (WOC)

Raw Sample Relinquished by: RJ (TEKLab)

Date/Time 01/31/25 17:50

Raw Sample Received by: RJ (TEKLab)

Raw Sample Relinquished by: JA (WOC)

WORKLIST(Hardcopy Internal Chain)

IR-134497

WorkList Name : %1-013125 **WorkList ID :** 187328 **Department :** Wet-Chemistry **Date :** 01-31-2025 07:56:55

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1270-05	BC274768-2-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	01/31/2025	Chemtech -SO
Q1270-06	BC274768-2-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	01/31/2025	Chemtech -SO
Q1271-01	RBR200030	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	01/31/2025	Chemtech -SO
Q1271-02	RBR200030-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D21	01/31/2025	Chemtech -SO
Q1271-03	3189-3196	Solid	Percent Solids	Cool 4 deg C	PSEG03	D21	01/31/2025	Chemtech -SO

Date/Time 01/31/25 16:10

Raw Sample Received by: JD WDC

Raw Sample Relinquished by: RJ CEXT-lab

Date/Time 01/31/25 17:50

Raw Sample Received by: RJ CEXT-lab

Raw Sample Relinquished by: JD WDC

SHIPPING DOCUMENTS

#1

CHEMTECH
CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax (908) 789-8922
www.chemtech.net

Chemtech Project Number: Q1268
COC Number:

CLIENT INFORMATION
Report to be sent to:
COMPANY: Chemtech
ADDRESS: 284 Sheffield Street
CITY: Mountainside STATE: NJ ZIP: 08816
ATTENTION: QA Officer
PHONE: (908) 789-8900 FAX: (908) 789-8922

PROJECT INFORMATION
PROJECT NAME: Weekly Storage Blanks
PROJECT #: LOCATION: NJ
PROJECT MANAGER:
E-MAIL:
PHONE: FAX:

BILLING INFORMATION
BILL TO: Same PO#
ADDRESS:
CITY: STATE: ZIP:
ATTENTION:
PHONE:

DATA TURNAROUND INFORMATION
FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): _____ DAYS*
EDD: _____ DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION
- ☑ Level 1 (Results Only)
- ☐ Level 2 (Results + QC)
- ☐ Level 3 (Results + QC + Raw Data)
- ☐ EDD FORMAT _____
- ☐ Level 4 (QC + Full Raw Data)
- ☐ NJ Reduced ☐ US EPA CLP
- ☐ NYS ASP A ☐ NYS ASP B
- ☐ Other _____

ANALYSIS*
1 VOC-Brinkman 8260
2 SVOC-FULL 625 8270
3 Pest GCDE-ECD
4 PCB
5 6 7 8 9

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# of Bottles	PRESERVATIVES A/E	1	2	3	4	5	6	7	8	9	COMMENTS
1.	Storage-Blank-SOIL-REF-6	AQ		X			2	X										
2.	Storage-Blank-WATER-REF-5	AQ		X			2	X										
3.	Storage-Blank-WATER-REF-4	AQ		X			2	X										
4.	Storage-Blank-SAMPLE-MANAGEMENT	AQ		X			2	X										
5.	SVOC-GPC-BLANK	SO		X			1		X									
6.	PEST-GPC-BLANK	SO		X			1			X								
7.	PEST-GPC-BLANK-SPIKE	SO		X			1			X								
8.	PCB-GPC-BLANK	SO		X			1				X							
9.	PCB-GPC-BLANK-SPIKE	SO		X			1					X						
10.	SVOC-GPC2-BLANK	SO		X			1					X						

PRESERVATIVES: A-HCl D-NaOH B-HNO3 E-ICE C-H2SO4 F-OTHER

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE PROSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER	DATE/TIME	RECEIVED BY
1.		1.
RELINQUISHED BY	DATE/TIME	RECEIVED BY
2.		2.
RELINQUISHED BY	DATE/TIME	RECEIVED FOR LAB BY
3.		3.

Conditions of bottles or coolers at receipt: ☑ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 6.0
Comments:

Page 1 of 2

CLIENT: ☐ Hand Delivered ☐ Other:
CHEMTECH: ☐ Picked Up

Shipment Complete ☑ YES ☐ NO

10/2018

WHITE - CHEMTECH COPY FOR RETURN TO CLIENT YELLOW - CHEMTECH COPY PINK - SAMPLER COPY

#2

CHEMTECH

CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax (908) 789-8922
www.chemtech.net

Chemtech Project Number: 01268

COC Number:

CLIENT INFORMATION

Report to be sent to:
COMPANY: CHEMTECH
ADDRESS: 284 Sheffield Street
CITY: Mountainside STATE: NJ ZIP: 07092
ATTENTION: GA Greer
PHONE: 908-789-8900 FAX: 908-789-8922

PROJECT INFORMATION

PROJECT NAME: Weekly Storage Blocks
PROJECT #: LOCATION: NJT
PROJECT MANAGER:
E-MAIL:
PHONE: FAX:

BILLING INFORMATION

BILL TO: SAME
ADDRESS: PO#
CITY:
ATTENTION: STATE: ZIP:
Phone:

DATA TURNAROUND INFORMATION

FAX (RUSH)
HARDCOPY (DATA PACKAGE): 15 DAYS*
EDD: DAYS*
TO BE APPROVED BY CHEMTECH DAYS*
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)
☐ Level 2 (Results + QC) ☐ NJ Reduced ☐ UE/EPA CLP
☐ Level 3 (Results + QC + Raw Data) ☐ NYS ASP A ☐ NYS ASP B
☐ EDD FORMAT ☐ Other

ANALYSIS

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE: GRAB	SAMPLE TYPE: COMP	SAMPLE COLLECTION: DATE	SAMPLE COLLECTION: TIME	# of bottles	PCB	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
1.	PEST-GRC2-BLANK	SO		X			1				X							
2.	PEST-GRC2-BLANK-SPIKE	SO		X			1				X							
3.	PCB-GRC2-BLANK	SO		X			1					X						
4.	PCB-GRC2-BLANK-SPIKE	SO		X			1					X						
5.																		
6.																		
7.																		
8.																		
9.																		
10.																		

A-HCl B-HNO3 C-H2SO4 D-NaOH E-ICE F-OTHER

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE PROSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER	DATE/TIME	RECEIVED BY
1.		1.
RELINQUISHED BY	DATE/TIME	RECEIVED BY
2.		2.
RELINQUISHED BY	DATE/TIME	RECEIVED FOR LAB BY
3.		3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 6.6°
Comments:

Page 2 of 2

CLIENT: ☐ Hand Delivered ☐ Other:
CHEMTECH: ☐ Picked Up

Shipment Complete ☐ YES ☐ NO

10/2016

WHITE - CHEMTECH COPY FOR RETURN TO CLIENT YELLOW - CHEMTECH COPY PINK - SAMPLER COPY

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488