

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 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

LAB CHRONICLE

OrderID:	Q1888	OrderDate:	4/25/2025 10:17:00 AM
Client:	Chemtech Consulting Group	Project:	Weekly Storage Blanks
Contact:	QA Officer	Location:	L31,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1888-01	STORAGE-BLANK-SOI L-REF-6	Water			04/18/25			04/25/25
			VOC- Chemtech Full	8260-Low			04/25/25	
Q1888-02	STORAGE-BLANK-WAT ER-REF-5	Water			04/18/25			04/25/25
			VOC- Chemtech Full	8260-Low			04/25/25	
Q1888-03	STORAGE-BLANK-WAT ER-REF-4	Water			04/18/25			04/25/25
			VOC- Chemtech Full	8260-Low			04/25/25	
Q1888-04	STORAGE-BLANK-SAM PLE-MANAGEMENT	Water			04/18/25			04/25/25
			VOC- Chemtech Full	8260-Low			04/25/25	



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Hit Summary Sheet
SW-846

SDG No.: Q1888

Client: Chemtech Consulting Group

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
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Client ID:

0

Total Voc :

Total Concentration:



QC SUMMARY

Surrogate Summary

SDG No.: **Q1888**

Client: **Chemtech Consulting Group**

Analytical Method: **SW8260-Low**

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits	
						Low	High
Q1888-01	STORAGE-BLANK-SOIL-REF-6	1,2-Dichloroethane-d4	50	55.1	110	74	125
		Dibromofluoromethane	50	51.2	102	75	124
		Toluene-d8	50	49.6	99	86	113
		4-Bromofluorobenzene	50	49.9	100	77	121
Q1888-02	STORAGE-BLANK-WATER-REF-5	1,2-Dichloroethane-d4	50	56.3	113	74	125
		Dibromofluoromethane	50	51.9	104	75	124
		Toluene-d8	50	50.5	101	86	113
		4-Bromofluorobenzene	50	51.3	103	77	121
Q1888-03	STORAGE-BLANK-WATER-REF-4	1,2-Dichloroethane-d4	50	55.0	110	74	125
		Dibromofluoromethane	50	52.6	105	75	124
		Toluene-d8	50	50.5	101	86	113
		4-Bromofluorobenzene	50	50.7	101	77	121
Q1888-04	STORAGE-BLANK-SAMPLE-MANAC	1,2-Dichloroethane-d4	50	54.5	109	74	125
		Dibromofluoromethane	50	51.8	104	75	124
		Toluene-d8	50	51.0	102	86	113
		4-Bromofluorobenzene	50	51.5	103	77	121
VX0425WBL01	VX0425WBL01	1,2-Dichloroethane-d4	50	54.2	108	74	125
		Dibromofluoromethane	50	51.9	104	75	124
		Toluene-d8	50	50.3	101	86	113
		4-Bromofluorobenzene	50	55.2	110	77	121
VX0425WBS01	VX0425WBS01	1,2-Dichloroethane-d4	50	50.7	101	74	125
		Dibromofluoromethane	50	54.7	109	75	124
		Toluene-d8	50	52.2	104	86	113
		4-Bromofluorobenzene	50	55.9	112	77	121
VX0425WBSD0	VX0425WBSD01	1,2-Dichloroethane-d4	50	52.4	105	74	125
		Dibromofluoromethane	50	54.8	110	75	124
		Toluene-d8	50	51.3	103	86	113
		4-Bromofluorobenzene	50	55.4	111	77	121

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1888

Client: Chemtech Consulting Group

Analytical Method: SW8260-Low

Datafile : VX045935.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VX0425WBS01	Dichlorodifluoromethane	20	17.2	ug/L	86			69	116	
	Chloromethane	20	15.7	ug/L	79			65	116	
	Vinyl chloride	20	16.2	ug/L	81			65	117	
	Ethyl Acetate	20	18.6	ug/L	93			75	115	
	Bromomethane	20	17.0	ug/L	85			58	125	
	Chloroethane	20	17.4	ug/L	87			56	128	
	Trichlorofluoromethane	20	18.9	ug/L	95			73	115	
	1,1,2-Trichlorotrifluoroethane	20	19.9	ug/L	100			80	112	
	Tert butyl alcohol	100	96.8	ug/L	97			73	124	
	1,1-Dichloroethene	20	18.1	ug/L	91			74	110	
	Acrolein	100	95.9	ug/L	96			51	143	
	Acrylonitrile	100	92.8	ug/L	93			73	113	
	Acetone	100	98.5	ug/L	99			60	125	
	Carbon disulfide	20	13.6	ug/L	68			64	112	
	Methyl tert-butyl Ether	20	19.8	ug/L	99			78	114	
	Methyl Acetate	20	25.2	ug/L	126		*	67	125	
	Methylene Chloride	20	18.1	ug/L	91			72	114	
	trans-1,2-Dichloroethene	20	17.7	ug/L	89			75	108	
	Vinyl Acetate	100	93.9	ug/L	94			76	115	
	1,1-Dichloroethane	20	19.0	ug/L	95			78	112	
	Cyclohexane	20	17.3	ug/L	86			75	110	
	2-Butanone	100	97.6	ug/L	98			65	122	
	Carbon Tetrachloride	20	20.8	ug/L	104			77	113	
	2,2-Dichloropropane	20	22.8	ug/L	114			75	116	
	cis-1,2-Dichloroethene	20	19.0	ug/L	95			77	110	
	Bromochloromethane	20	21.8	ug/L	109			70	124	
	Chloroform	20	19.2	ug/L	96			79	113	
	1,1,1-Trichloroethane	20	19.6	ug/L	98			80	108	
	Methylcyclohexane	20	19.9	ug/L	100			72	115	
	1,1-Dichloropropene	20	20.3	ug/L	102			79	110	
	Benzene	20	19.8	ug/L	99			82	109	
	1,2-Dichloroethane	20	21.4	ug/L	107			80	115	
	Trichloroethene	20	19.4	ug/L	97			77	113	
	1,2-Dichloropropane	20	20.8	ug/L	104			83	111	
	Dibromomethane	20	20.5	ug/L	103			82	110	
	Bromodichloromethane	20	21.4	ug/L	107			83	110	
	4-Methyl-2-Pentanone	100	110	ug/L	110			74	118	
	Toluene	20	20.0	ug/L	100			82	110	
	t-1,3-Dichloropropene	20	19.8	ug/L	99			79	110	
	cis-1,3-Dichloropropene	20	20.8	ug/L	104			82	110	
	1,1,2-Trichloroethane	20	21.4	ug/L	107			83	112	
	1,3-Dichloropropane	20	21.1	ug/L	106			83	111	
	2-Chloroethyl vinyl ether	100	95.8	ug/L	96			75	124	
	2-Hexanone	100	100	ug/L	100			73	117	
	Dibromochloromethane	20	21.1	ug/L	106			82	110	
	1,2-Dibromoethane	20	21.1	ug/L	106			81	110	
	Tetrachloroethene	20	19.9	ug/L	100			67	123	
	Chlorobenzene	20	20.5	ug/L	103			82	109	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1888

Client: Chemtech Consulting Group

Analytical Method: SW8260-Low

Datafile : VX045935.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VX0425WBS01	1,1,1,2-Tetrachloroethane	20	20.8	ug/L	104			84	111	
	Hexachloroethane	20	21.3	ug/L	106			80	113	
	Ethyl Benzene	20	20.4	ug/L	102			83	109	
	m/p-Xylenes	40	41.6	ug/L	104			82	110	
	o-Xylene	20	20.9	ug/L	104			83	109	
	Styrene	20	21.0	ug/L	105			80	111	
	Bromoform	20	20.0	ug/L	100			79	109	
	Isopropylbenzene	20	20.0	ug/L	100			83	112	
	1,1,2,2-Tetrachloroethane	20	19.7	ug/L	99			76	118	
	1,2,3-Trichloropropane	20	19.4	ug/L	97			75	112	
	Bromobenzene	20	19.6	ug/L	98			77	116	
	N-propylbenzene	20	20.1	ug/L	101			83	112	
	2-Chlorotoluene	20	19.8	ug/L	99			83	110	
	1,3,5-Trimethylbenzene	20	20.3	ug/L	102			85	112	
	4-Chlorotoluene	20	20.5	ug/L	103			82	110	
	tert-Butylbenzene	20	20.9	ug/L	104			83	112	
	1,2,4-Trimethylbenzene	20	20.5	ug/L	103			85	111	
	Sec-butylbenzene	20	21.0	ug/L	105			81	114	
	p-Isopropyltoluene	20	20.8	ug/L	104			78	116	
	1,3-Dichlorobenzene	20	20.1	ug/L	101			82	108	
	1,4-Dichlorobenzene	20	20.0	ug/L	100			82	107	
	n-Butylbenzene	20	20.7	ug/L	104			75	115	
	1,2-Dichlorobenzene	20	20.5	ug/L	103			82	109	
	1,2-Dibromo-3-Chloropropane	20	21.3	ug/L	106			68	112	
	1,2,4-Trichlorobenzene	20	21.1	ug/L	106			75	113	
	Hexachlorobutadiene	20	21.5	ug/L	108			81	121	
	Naphthalene	20	19.6	ug/L	98			78	119	
	1,2,3-Trichlorobenzene	20	20.8	ug/L	104			76	114	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1888

Client: Chemtech Consulting Group

Analytical Method: SW8260-Low

Datafile : VX045936.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VX0425WBSD01	Dichlorodifluoromethane	20	17.3	ug/L	86	0		69	116	20
	Chloromethane	20	16.2	ug/L	81	3		65	116	20
	Vinyl chloride	20	15.7	ug/L	79	3		65	117	20
	Ethyl Acetate	20	19.5	ug/L	98	5		75	115	20
	Bromomethane	20	16.7	ug/L	84	1		58	125	20
	Chloroethane	20	17.5	ug/L	88	1		56	128	20
	Trichlorofluoromethane	20	18.7	ug/L	94	1		73	115	20
	1,1,2-Trichlorotrifluoroethane	20	19.9	ug/L	100	0		80	112	20
	Tert butyl alcohol	100	110	ug/L	110	13		73	124	20
	1,1-Dichloroethene	20	17.4	ug/L	87	4		74	110	20
	Acrolein	100	99.4	ug/L	99	3		51	143	20
	Acrylonitrile	100	100	ug/L	100	7		73	113	20
	Acetone	100	98.5	ug/L	99	0		60	125	20
	Carbon disulfide	20	13.4	ug/L	67	1		64	112	20
	Methyl tert-butyl Ether	20	20.8	ug/L	104	5		78	114	20
	Methyl Acetate	20	26.9	ug/L	135	7	*	67	125	20
	Methylene Chloride	20	18.4	ug/L	92	1		72	114	20
	trans-1,2-Dichloroethene	20	17.4	ug/L	87	2		75	108	20
	Vinyl Acetate	100	98.2	ug/L	98	4		76	115	20
	1,1-Dichloroethane	20	19.1	ug/L	96	1		78	112	20
	Cyclohexane	20	17.5	ug/L	88	2		75	110	20
	2-Butanone	100	100	ug/L	100	2		65	122	20
	Carbon Tetrachloride	20	20.7	ug/L	104	0		77	113	20
	2,2-Dichloropropane	20	21.7	ug/L	109	4		75	116	20
	cis-1,2-Dichloroethene	20	18.7	ug/L	94	1		77	110	20
	Bromochloromethane	20	23.0	ug/L	115	5		70	124	20
	Chloroform	20	20.3	ug/L	102	6		79	113	20
	1,1,1-Trichloroethane	20	19.6	ug/L	98	0		80	108	20
	Methylcyclohexane	20	19.0	ug/L	95	5		72	115	20
	1,1-Dichloropropene	20	18.9	ug/L	95	7		79	110	20
	Benzene	20	19.4	ug/L	97	2		82	109	20
	1,2-Dichloroethane	20	21.9	ug/L	110	3		80	115	20
	Trichloroethene	20	18.8	ug/L	94	3		77	113	20
	1,2-Dichloropropane	20	20.5	ug/L	103	1		83	111	20
	Dibromomethane	20	20.8	ug/L	104	1		82	110	20
	Bromodichloromethane	20	21.0	ug/L	105	2		83	110	20
	4-Methyl-2-Pentanone	100	110	ug/L	110	0		74	118	20
	Toluene	20	19.9	ug/L	100	0		82	110	20
	t-1,3-Dichloropropene	20	19.9	ug/L	100	1		79	110	20
	cis-1,3-Dichloropropene	20	21.4	ug/L	107	3		82	110	20
	1,1,2-Trichloroethane	20	21.6	ug/L	108	1		83	112	20
	1,3-Dichloropropane	20	21.7	ug/L	109	3		83	111	20
	2-Chloroethyl vinyl ether	100	99.0	ug/L	99	3		75	124	20
	2-Hexanone	100	110	ug/L	110	10		73	117	20
	Dibromochloromethane	20	21.3	ug/L	106	0		82	110	20
	1,2-Dibromoethane	20	21.8	ug/L	109	3		81	110	20
	Tetrachloroethene	20	19.3	ug/L	97	3		67	123	20
	Chlorobenzene	20	20.9	ug/L	104	1		82	109	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1888

Client: Chemtech Consulting Group

Analytical Method: SW8260-Low

Datafile : VX045936.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VX0425WBSD01	1,1,1,2-Tetrachloroethane	20	20.6	ug/L	103	1		84	111	20
	Hexachloroethane	20	20.4	ug/L	102	4		80	113	20
	Ethyl Benzene	20	20.3	ug/L	102	0		83	109	20
	m/p-Xylenes	40	40.5	ug/L	101	3		82	110	20
	o-Xylene	20	20.7	ug/L	104	0		83	109	20
	Styrene	20	21.3	ug/L	106	1		80	111	20
	Bromoform	20	21.2	ug/L	106	6		79	109	20
	Isopropylbenzene	20	19.5	ug/L	98	2		83	112	20
	1,1,2,2-Tetrachloroethane	20	20.0	ug/L	100	1		76	118	20
	1,2,3-Trichloropropane	20	20.1	ug/L	101	4		75	112	20
	Bromobenzene	20	19.6	ug/L	98	0		77	116	20
	N-propylbenzene	20	19.5	ug/L	98	3		83	112	20
	2-Chlorotoluene	20	19.6	ug/L	98	1		83	110	20
	1,3,5-Trimethylbenzene	20	19.9	ug/L	100	2		85	112	20
	4-Chlorotoluene	20	19.8	ug/L	99	4		82	110	20
	tert-Butylbenzene	20	20.2	ug/L	101	3		83	112	20
	1,2,4-Trimethylbenzene	20	20.4	ug/L	102	1		85	111	20
	Sec-butylbenzene	20	20.7	ug/L	104	1		81	114	20
	p-Isopropyltoluene	20	20.4	ug/L	102	2		78	116	20
	1,3-Dichlorobenzene	20	19.8	ug/L	99	2		82	108	20
	1,4-Dichlorobenzene	20	19.4	ug/L	97	3		82	107	20
	n-Butylbenzene	20	20.5	ug/L	103	1		75	115	20
	1,2-Dichlorobenzene	20	21.1	ug/L	106	3		82	109	20
	1,2-Dibromo-3-Chloropropane	20	22.1	ug/L	111	5		68	112	20
	1,2,4-Trichlorobenzene	20	20.8	ug/L	104	2		75	113	20
	Hexachlorobutadiene	20	20.9	ug/L	104	4		81	121	20
	Naphthalene	20	20.4	ug/L	102	4		78	119	20
	1,2,3-Trichlorobenzene	20	20.8	ug/L	104	0		76	114	20

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VX0425WBL01

Lab Name: CHEMTECH

Contract: CHEM02

Lab Code: CHEM Case No.: Q1888

SAS No.: Q1888 SDG NO.: Q1888

Lab File ID: VX045934.D

Lab Sample ID: VX0425WBL01

Date Analyzed: 04/25/2025

Time Analyzed: 11:01

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
VX0425WBS01	VX0425WBS01	VX045935.D	04/25/2025
VX0425WBSD01	VX0425WBSD01	VX045936.D	04/25/2025
STORAGE-BLANK-SOIL-REF-6	Q1888-01	VX045938.D	04/25/2025
STORAGE-BLANK-WATER-REF-5	Q1888-02	VX045939.D	04/25/2025
STORAGE-BLANK-WATER-REF-4	Q1888-03	VX045940.D	04/25/2025
STORAGE-BLANK-SAMPLE-MANAGEMENT	Q1888-04	VX045941.D	04/25/2025

COMMENTS: _____



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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: CHEM02
Lab Code: CHEM Case No.: Q1888 SAS No.: Q1888 SDG NO.: Q1888
Lab File ID: VX045524.D BFB Injection Date: 04/01/2025
Instrument ID: MSVOA_X BFB Injection Time: 16:15
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	23.6
75	30.0 - 60.0% of mass 95	58.2
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.3
173	Less than 2.0% of mass 174	0.8 (1.2) 1
174	50.0 - 100.0% of mass 95	66.8
175	5.0 - 9.0% of mass 174	5.2 (7.8) 1
176	95.0 - 101.0% of mass 174	65.3 (97.8) 1
177	5.0 - 9.0% of mass 176	4.4 (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
VSTDIC001	VSTDIC001	VX045525.D	04/01/2025	17:06
VSTDIC005	VSTDIC005	VX045526.D	04/01/2025	17:29
VSTDIC020	VSTDIC020	VX045527.D	04/01/2025	17:52
VSTDIC050	VSTDIC050	VX045528.D	04/01/2025	18:15
VSTDIC100	VSTDIC100	VX045529.D	04/01/2025	18:38
VSTDIC150	VSTDIC150	VX045530.D	04/01/2025	19:02



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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: CHEM02
Lab Code: CHEM Case No.: Q1888 SAS No.: Q1888 SDG NO.: Q1888
Lab File ID: VX045931.D BFB Injection Date: 04/25/2025
Instrument ID: MSVOA_X BFB Injection Time: 09:13
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	23.3
75	30.0 - 60.0% of mass 95	57.1
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.8 (1.2) 1
174	50.0 - 100.0% of mass 95	66.1
175	5.0 - 9.0% of mass 174	5.1 (7.7) 1
176	95.0 - 101.0% of mass 174	62.9 (95.2) 1
177	5.0 - 9.0% of mass 176	3.9 (6.2) 2

1-Value is % mass 174

2-Value is % mass 176

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VX045932.D	04/25/2025	09:42
VX0425WBL01	VX0425WBL01	VX045934.D	04/25/2025	11:01
VX0425WBS01	VX0425WBS01	VX045935.D	04/25/2025	11:32
VX0425WBSD01	VX0425WBSD01	VX045936.D	04/25/2025	12:14
STORAGE-BLANK-SOIL-REF-6	Q1888-01	VX045938.D	04/25/2025	13:00
STORAGE-BLANK-WATER-REF-5	Q1888-02	VX045939.D	04/25/2025	13:23
STORAGE-BLANK-WATER-REF-4	Q1888-03	VX045940.D	04/25/2025	13:46
STORAGE-BLANK-SAMPLE-MANAGEMENT	Q1888-04	VX045941.D	04/25/2025	14:10

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: CHEM02
 Lab Code: CHEM Case No.: Q1888 SAS No.: Q1888 SDG NO.: Q1888
 Lab File ID: VX045932.D Date Analyzed: 04/25/2025
 Instrument ID: MSVOA_X Time Analyzed: 09:42
 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	87494	5.54	146416	6.75	126658	10.05
UPPER LIMIT	174988	6.044	292832	7.251	253316	10.549
LOWER LIMIT	43747	5.044	73208	6.251	63329	9.549
EPA SAMPLE NO.						
STORAGE-BLANK-SOIL-REF-6	69029	5.55	138167	6.76	125473	10.05
STORAGE-BLANK-WATER-REF-5	63790	5.54	128300	6.76	117188	10.05
STORAGE-BLANK-WATER-REF-4	65990	5.55	129418	6.76	119617	10.06
STORAGE-BLANK-SAMPLE-MANAGEMENT	65095	5.54	126440	6.76	117635	10.05
VX0425WBL01	68371	5.54	133259	6.76	127467	10.05
VX0425WBS01	87404	5.54	146052	6.75	129533	10.05
VX0425WBSD01	82776	5.54	140686	6.75	124352	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.

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: CHEM02
 Lab Code: CHEM Case No.: Q1888 SAS No.: Q1888 SDG NO.: Q1888
 Lab File ID: VX045932.D Date Analyzed: 04/25/2025
 Instrument ID: MSVOA_X Time Analyzed: 09:42
 GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	61250	12.018				
UPPER LIMIT	122500	12.518				
LOWER LIMIT	30625	11.518				
EPA SAMPLE NO.						
STORAGE-BLANK-SOIL-REF-6	52236	12.02				
STORAGE-BLANK-WATER-REF-5	48670	12.02				
STORAGE-BLANK-WATER-REF-4	49096	12.02				
STORAGE-BLANK-SAMPLE-MANAGEMENT	49502	12.02				
VX0425WBL01	56095	12.02				
VX0425WBS01	61645	12.02				
VX0425WBSD01	60088	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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	04/18/25
Project:	Weekly Storage Blanks	Date Received:	04/25/25
Client Sample ID:	STORAGE-BLANK-SOIL-REF-6	SDG No.:	Q1888
Lab Sample ID:	Q1888-01	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
VX045938.D	1		04/25/25 13:00	VX042525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.22	U	0.22	1.00	ug/L
74-87-3	Chloromethane	0.32	U	0.32	1.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
141-78-6	Ethyl Acetate	0.31	U	0.31	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	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	5.50	U	5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
107-02-8	Acrolein	7.10	U	7.10	25.0	ug/L
107-13-1	Acrylonitrile	0.83	U	0.83	5.00	ug/L
67-64-1	Acetone	1.50	U	1.50	5.00	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	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	0.27	UQ	0.27	1.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	1.00	ug/L
108-05-4	Vinyl Acetate	0.66	U	0.66	5.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	1.50	U	1.50	5.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
594-20-7	2,2-Dichloropropane	0.21	U	0.21	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	1.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	1.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
108-87-2	Methylcyclohexane	0.16	U	0.16	1.00	ug/L
563-58-6	1,1-Dichloropropene	0.15	U	0.15	1.00	ug/L

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	04/18/25
Project:	Weekly Storage Blanks	Date Received:	04/25/25
Client Sample ID:	STORAGE-BLANK-SOIL-REF-6	SDG No.:	Q1888
Lab Sample ID:	Q1888-01	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
VX045938.D	1		04/25/25 13:00	VX042525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
71-43-2	Benzene	0.15	U	0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	1.00	ug/L
74-95-3	Dibromomethane	0.25	U	0.25	1.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	5.00	ug/L
108-88-3	Toluene	0.14	U	0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	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	0.19	U	0.19	1.00	ug/L
110-75-8	2-Chloroethyl Vinyl ether	0.30	U	0.30	5.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
630-20-6	1,1,1,2-Tetrachloroethane	0.19	U	0.19	1.00	ug/L
67-72-1	Hexachloroethane	0.32	U	0.32	0	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	0.24	U	0.24	2.00	ug/L
95-47-6	o-Xylene	0.12	U	0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	1.00	ug/L
98-82-8	Isopropylbenzene	0.12	U	0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
96-18-4	1,2,3-Trichloropropane	0.35	U	0.35	1.00	ug/L
108-86-1	Bromobenzene	0.24	U	0.24	1.00	ug/L
103-65-1	n-propylbenzene	0.13	U	0.13	1.00	ug/L
95-49-8	2-Chlorotoluene	0.14	U	0.14	1.00	ug/L

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	04/18/25
Project:	Weekly Storage Blanks	Date Received:	04/25/25
Client Sample ID:	STORAGE-BLANK-SOIL-REF-6	SDG No.:	Q1888
Lab Sample ID:	Q1888-01	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
VX045938.D	1		04/25/25 13:00	VX042525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-67-8	1,3,5-Trimethylbenzene	0.15	U	0.15	1.00	ug/L
106-43-4	4-Chlorotoluene	0.13	U	0.13	1.00	ug/L
98-06-6	tert-Butylbenzene	0.14	U	0.14	1.00	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.14	U	0.14	1.00	ug/L
135-98-8	sec-Butylbenzene	0.13	U	0.13	1.00	ug/L
99-87-6	p-Isopropyltoluene	0.13	U	0.13	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
104-51-8	n-Butylbenzene	0.15	U	0.15	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
87-68-3	Hexachlorobutadiene	0.30	U	0.30	1.00	ug/L
91-20-3	Naphthalene	0.20	U	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	55.1		74 - 125	110%	SPK: 50
1868-53-7	Dibromofluoromethane	51.2		75 - 124	102%	SPK: 50
2037-26-5	Toluene-d8	49.6		86 - 113	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.9		77 - 121	100%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	69000	5.55			
540-36-3	1,4-Difluorobenzene	138000	6.757			
3114-55-4	Chlorobenzene-d5	125000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	52200	12.018			

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	04/18/25
Project:	Weekly Storage Blanks	Date Received:	04/25/25
Client Sample ID:	STORAGE-BLANK-SOIL-REF-6	SDG No.:	Q1888
Lab Sample ID:	Q1888-01	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
VX045938.D	1		04/25/25 13:00	VX042525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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\VX042525\
 Data File : VX045938.D
 Acq On : 25 Apr 2025 13:00
 Operator : JC/MD
 Sample : Q1888-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

Quant Time: Apr 25 23:01:03 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	69029	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	138167	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	125473	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	52236	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	69579	55.118	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.240%
35) Dibromofluoromethane	5.385	113	50232	51.242	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.480%
50) Toluene-d8	8.647	98	169712	49.600	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.200%
62) 4-Bromofluorobenzene	11.079	95	62179	49.890	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	99.780%

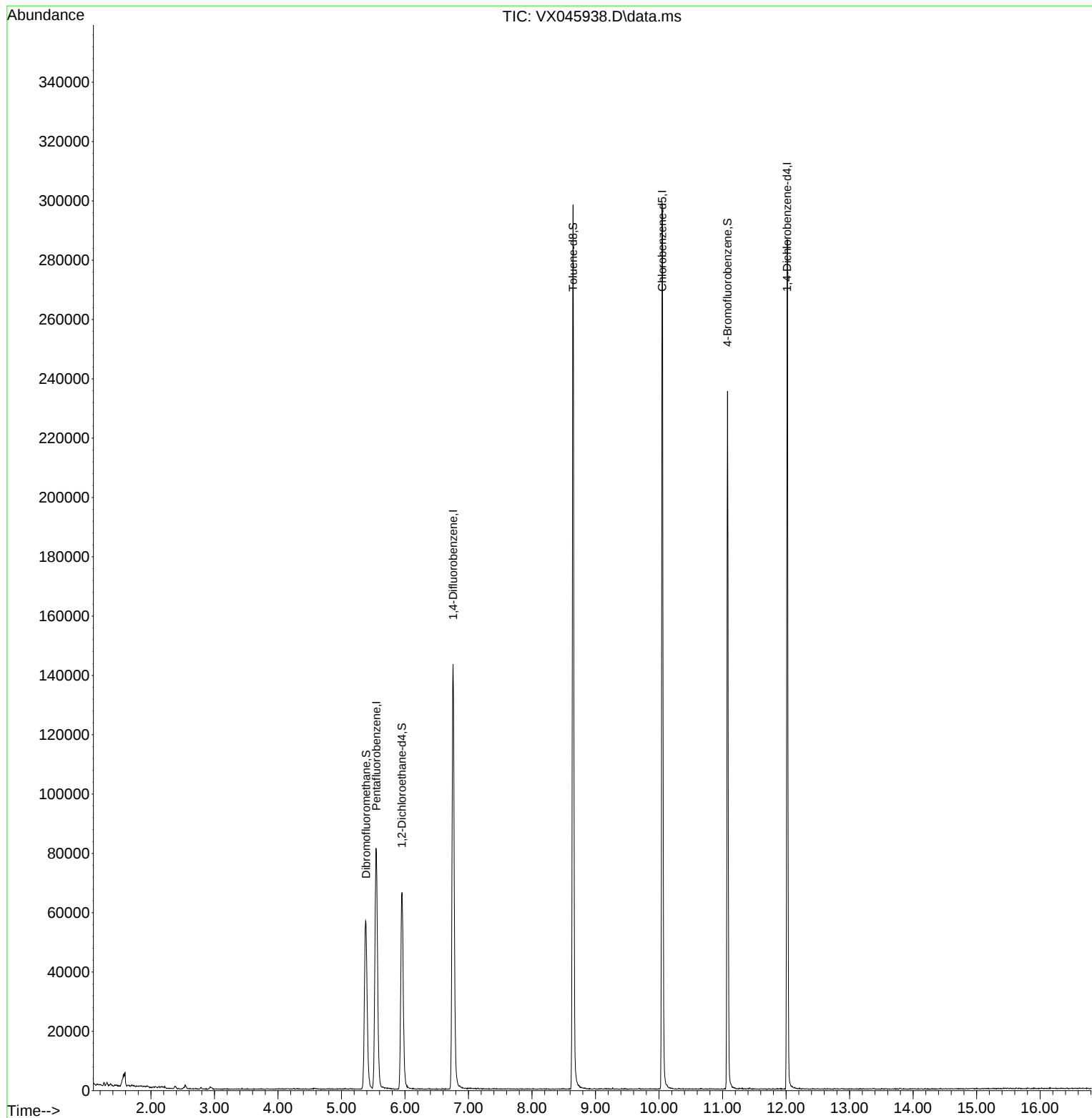
Target Compounds	Qvalue

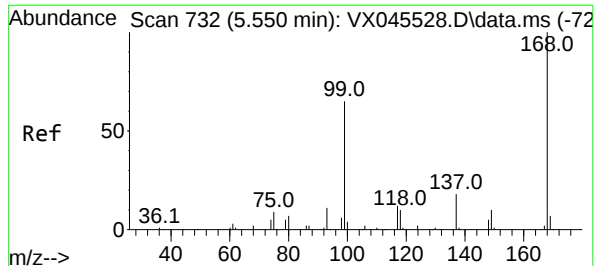
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042525\
Data File : VX045938.D
Acq On : 25 Apr 2025 13:00
Operator : JC/MD
Sample : Q1888-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

Quant Time: Apr 25 23:01:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

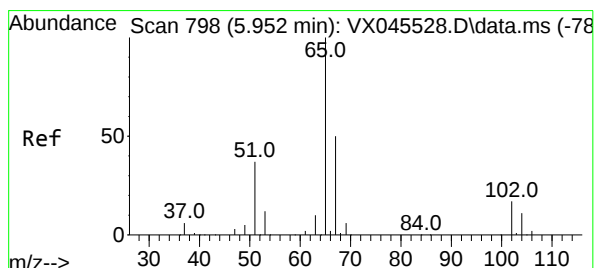
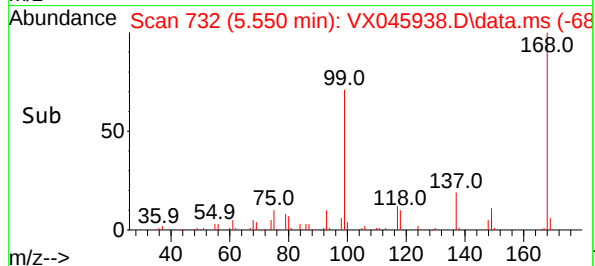
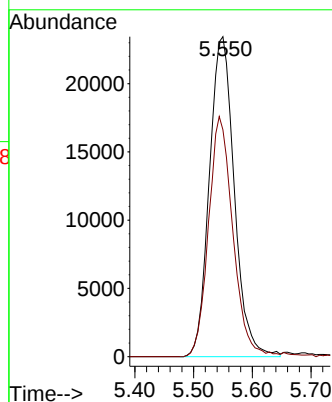
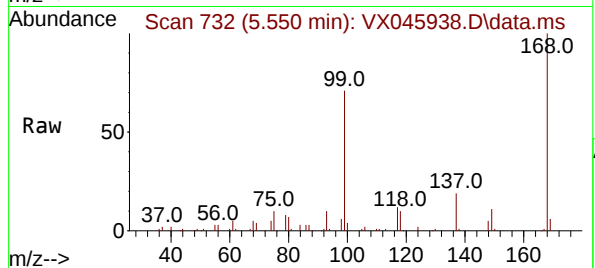




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX045938.D
Acq: 25 Apr 2025 13:00

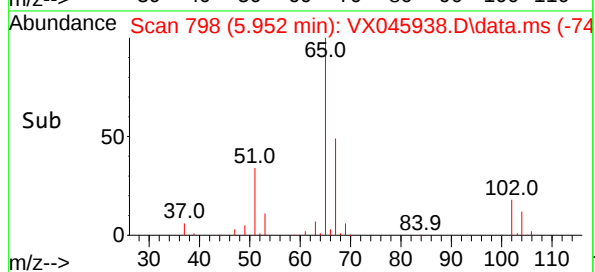
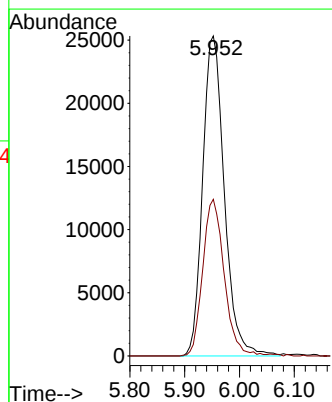
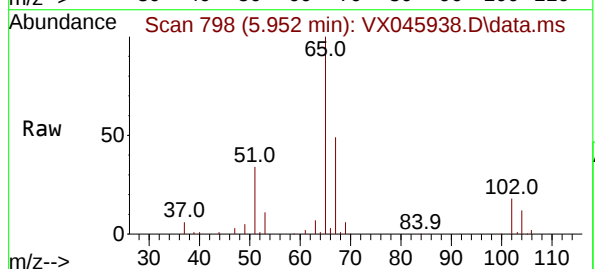
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

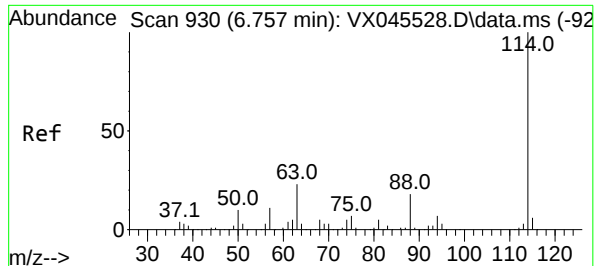
Tgt Ion:168 Resp: 69029
Ion Ratio Lower Upper
168 100
99 70.9 52.3 78.5



#33
1,2-Dichloroethane-d4
Concen: 55.118 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045938.D
Acq: 25 Apr 2025 13:00

Tgt Ion: 65 Resp: 69579
Ion Ratio Lower Upper
65 100
67 48.5 0.0 99.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX045938.D

Acq: 25 Apr 2025 13:00

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

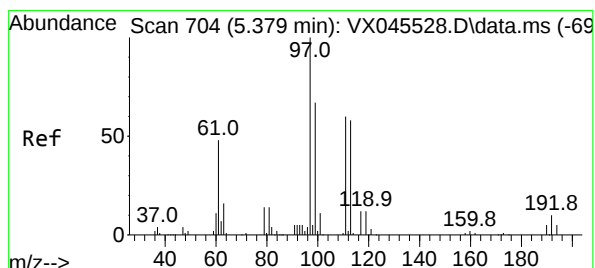
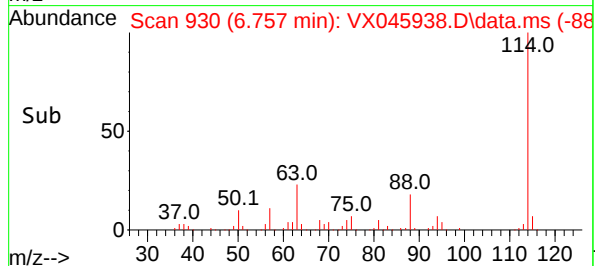
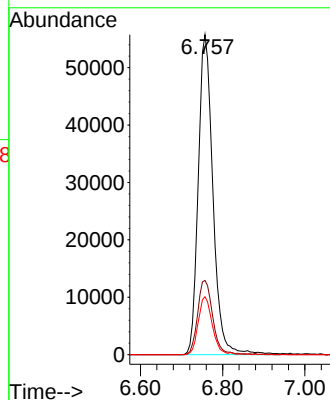
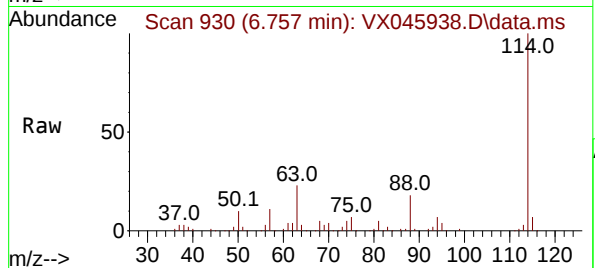
Tgt Ion:114 Resp: 138167

Ion Ratio Lower Upper

114 100

63 23.2 0.0 46.8

88 18.1 0.0 35.4



#35

Dibromofluoromethane

Concen: 51.242 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX045938.D

Acq: 25 Apr 2025 13:00

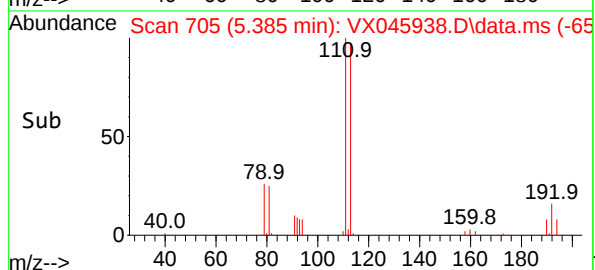
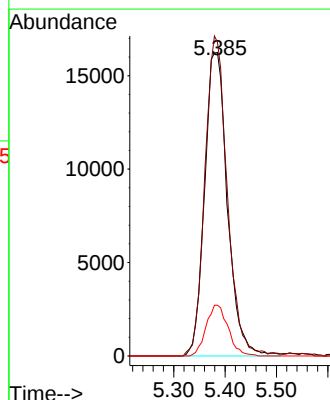
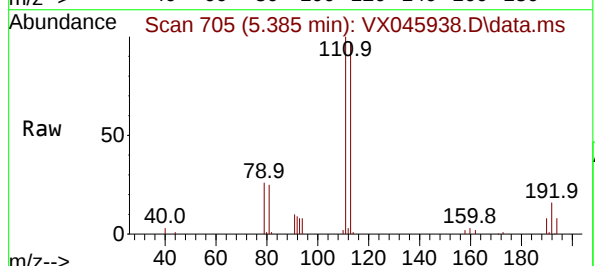
Tgt Ion:113 Resp: 50232

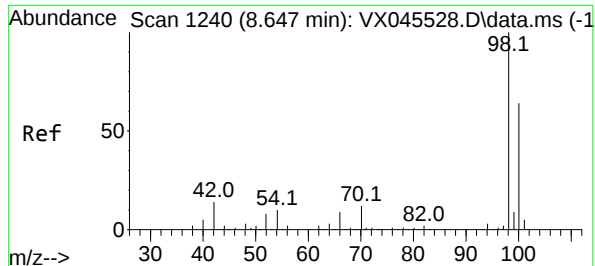
Ion Ratio Lower Upper

113 100

111 102.8 81.8 122.6

192 16.1 13.8 20.6





#50

Toluene-d8

Concen: 49.600 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX045938.D

Acq: 25 Apr 2025 13:00

Instrument :

MSVOA_X

ClientSampleId :

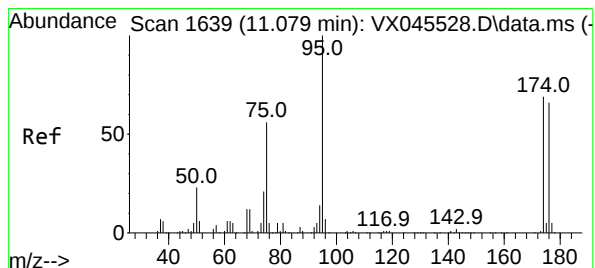
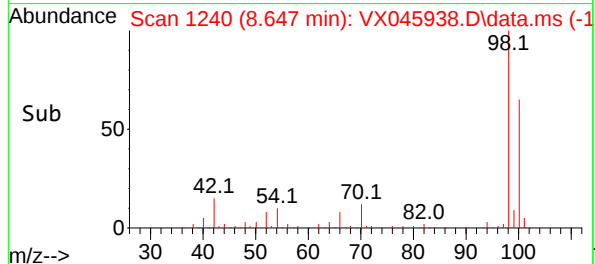
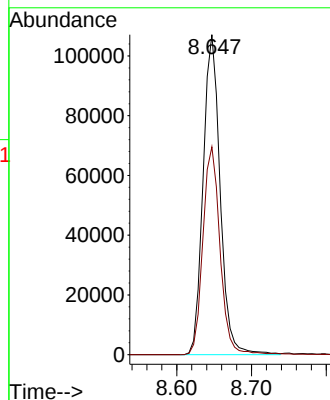
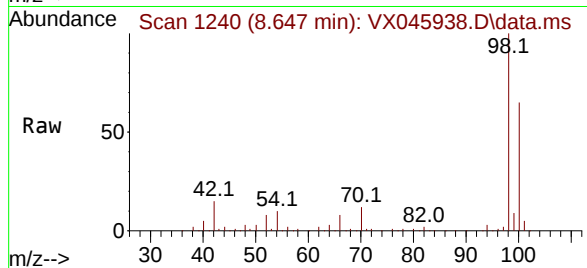
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 98 Resp: 169712

Ion Ratio Lower Upper

98 100

100 65.5 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 49.890 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX045938.D

Acq: 25 Apr 2025 13:00

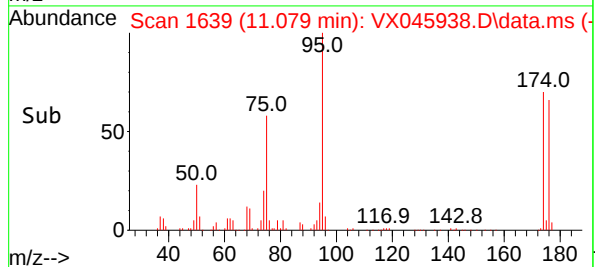
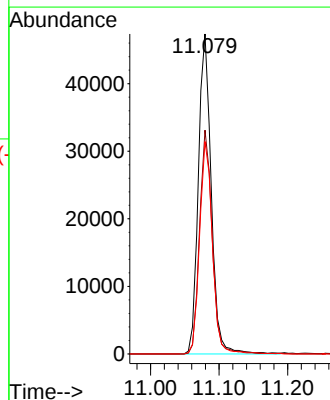
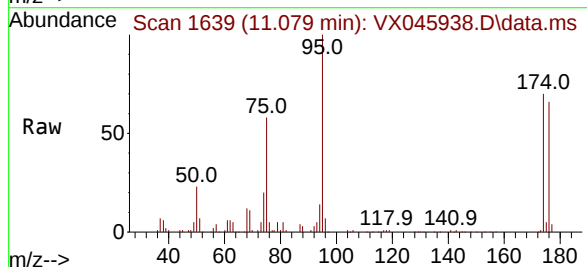
Tgt Ion: 95 Resp: 62179

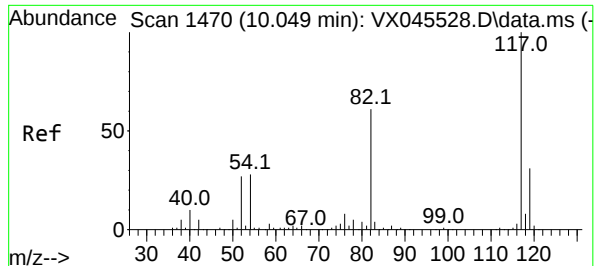
Ion Ratio Lower Upper

95 100

174 68.7 0.0 135.8

176 65.9 0.0 131.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. 0.000 min

Lab File: VX045938.D

Acq: 25 Apr 2025 13:00

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

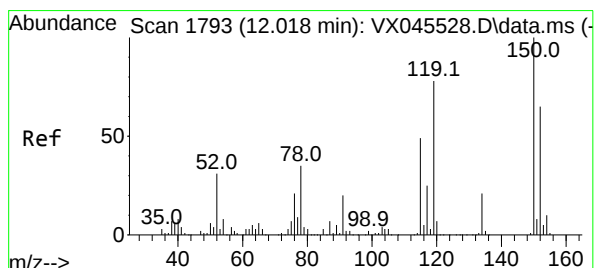
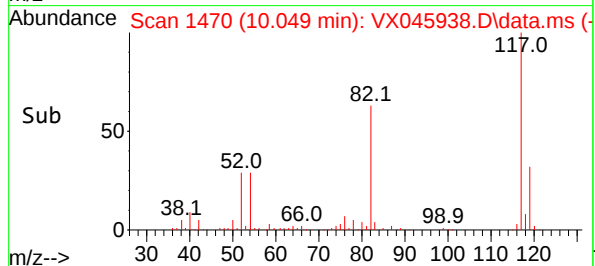
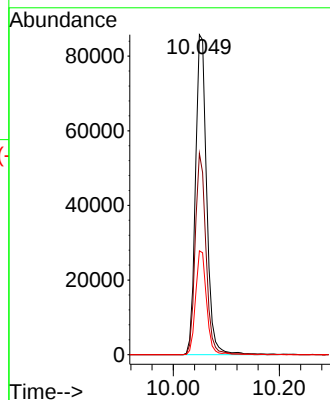
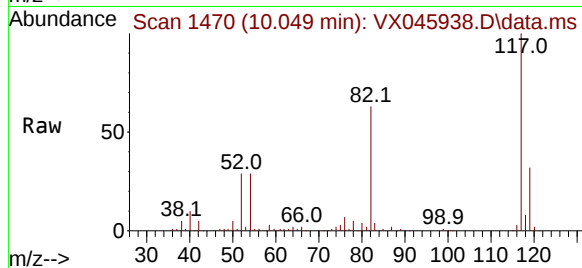
Tgt Ion:117 Resp: 125473

Ion Ratio Lower Upper

117 100

82 62.9 49.2 73.8

119 32.4 25.1 37.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX045938.D

Acq: 25 Apr 2025 13:00

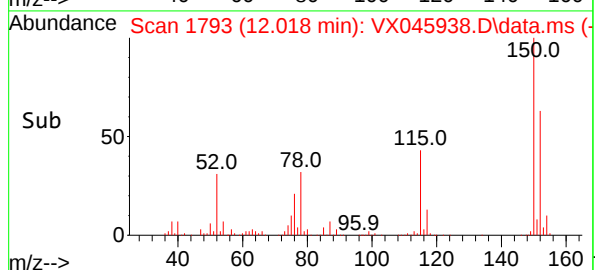
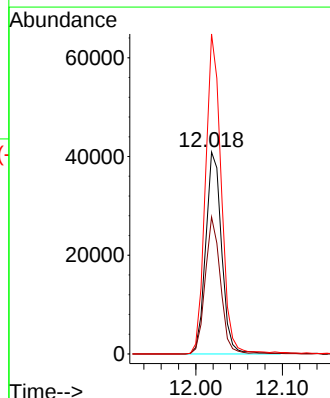
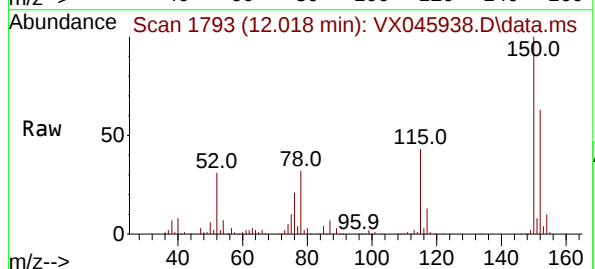
Tgt Ion:152 Resp: 52236

Ion Ratio Lower Upper

152 100

115 65.1 46.9 140.7

150 156.3 0.0 349.4



Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	04/18/25
Project:	Weekly Storage Blanks	Date Received:	04/25/25
Client Sample ID:	STORAGE-BLANK-WATER-REF-5	SDG No.:	Q1888
Lab Sample ID:	Q1888-02	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
VX045939.D	1		04/25/25 13:23	VX042525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.22	U	0.22	1.00	ug/L
74-87-3	Chloromethane	0.32	U	0.32	1.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
141-78-6	Ethyl Acetate	0.31	U	0.31	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	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	5.50	U	5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
107-02-8	Acrolein	7.10	U	7.10	25.0	ug/L
107-13-1	Acrylonitrile	0.83	U	0.83	5.00	ug/L
67-64-1	Acetone	1.50	U	1.50	5.00	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	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	0.27	UQ	0.27	1.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	1.00	ug/L
108-05-4	Vinyl Acetate	0.66	U	0.66	5.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	1.50	U	1.50	5.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
594-20-7	2,2-Dichloropropane	0.21	U	0.21	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	1.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	1.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
108-87-2	Methylcyclohexane	0.16	U	0.16	1.00	ug/L
563-58-6	1,1-Dichloropropene	0.15	U	0.15	1.00	ug/L

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	04/18/25
Project:	Weekly Storage Blanks	Date Received:	04/25/25
Client Sample ID:	STORAGE-BLANK-WATER-REF-5	SDG No.:	Q1888
Lab Sample ID:	Q1888-02	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5	Units:	mL
Soil Aliquot Vol:			uL
GC Column:	DB-624UI	ID :	0.18
Prep Method :		Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045939.D	1		04/25/25 13:23	VX042525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
71-43-2	Benzene	0.15	U	0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	1.00	ug/L
74-95-3	Dibromomethane	0.25	U	0.25	1.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	5.00	ug/L
108-88-3	Toluene	0.14	U	0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	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	0.19	U	0.19	1.00	ug/L
110-75-8	2-Chloroethyl Vinyl ether	0.30	U	0.30	5.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
630-20-6	1,1,1,2-Tetrachloroethane	0.19	U	0.19	1.00	ug/L
67-72-1	Hexachloroethane	0.32	U	0.32	0	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	0.24	U	0.24	2.00	ug/L
95-47-6	o-Xylene	0.12	U	0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	1.00	ug/L
98-82-8	Isopropylbenzene	0.12	U	0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
96-18-4	1,2,3-Trichloropropane	0.35	U	0.35	1.00	ug/L
108-86-1	Bromobenzene	0.24	U	0.24	1.00	ug/L
103-65-1	n-propylbenzene	0.13	U	0.13	1.00	ug/L
95-49-8	2-Chlorotoluene	0.14	U	0.14	1.00	ug/L

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	04/18/25
Project:	Weekly Storage Blanks	Date Received:	04/25/25
Client Sample ID:	STORAGE-BLANK-WATER-REF-5	SDG No.:	Q1888
Lab Sample ID:	Q1888-02	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5	Units:	mL
Soil Aliquot Vol:			uL
GC Column:	DB-624UI	ID :	0.18
Prep Method :		Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045939.D	1		04/25/25 13:23	VX042525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-67-8	1,3,5-Trimethylbenzene	0.15	U	0.15	1.00	ug/L
106-43-4	4-Chlorotoluene	0.13	U	0.13	1.00	ug/L
98-06-6	tert-Butylbenzene	0.14	U	0.14	1.00	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.14	U	0.14	1.00	ug/L
135-98-8	sec-Butylbenzene	0.13	U	0.13	1.00	ug/L
99-87-6	p-Isopropyltoluene	0.13	U	0.13	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
104-51-8	n-Butylbenzene	0.15	U	0.15	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
87-68-3	Hexachlorobutadiene	0.30	U	0.30	1.00	ug/L
91-20-3	Naphthalene	0.20	U	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	56.3		74 - 125	113%	SPK: 50
1868-53-7	Dibromofluoromethane	51.9		75 - 124	104%	SPK: 50
2037-26-5	Toluene-d8	50.5		86 - 113	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.3		77 - 121	103%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	63800	5.544			
540-36-3	1,4-Difluorobenzene	128000	6.757			
3114-55-4	Chlorobenzene-d5	117000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	48700	12.018			

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	04/18/25
Project:	Weekly Storage Blanks	Date Received:	04/25/25
Client Sample ID:	STORAGE-BLANK-WATER-REF-5	SDG No.:	Q1888
Lab Sample ID:	Q1888-02	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5	Units:	mL
Soil Aliquot Vol:			uL
GC Column:	DB-624UI	ID :	0.18
Prep Method :		Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045939.D	1		04/25/25 13:23	VX042525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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\VX042525\
 Data File : VX045939.D
 Acq On : 25 Apr 2025 13:23
 Operator : JC/MD
 Sample : Q1888-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

Quant Time: Apr 25 23:01:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	63790	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	128300	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	117188	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	48670	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	65692	56.313	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 112.620%	
35) Dibromofluoromethane	5.379	113	47279	51.938	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.880%	
50) Toluene-d8	8.647	98	160402	50.484	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.960%	
62) 4-Bromofluorobenzene	11.079	95	59403	51.328	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 102.660%	

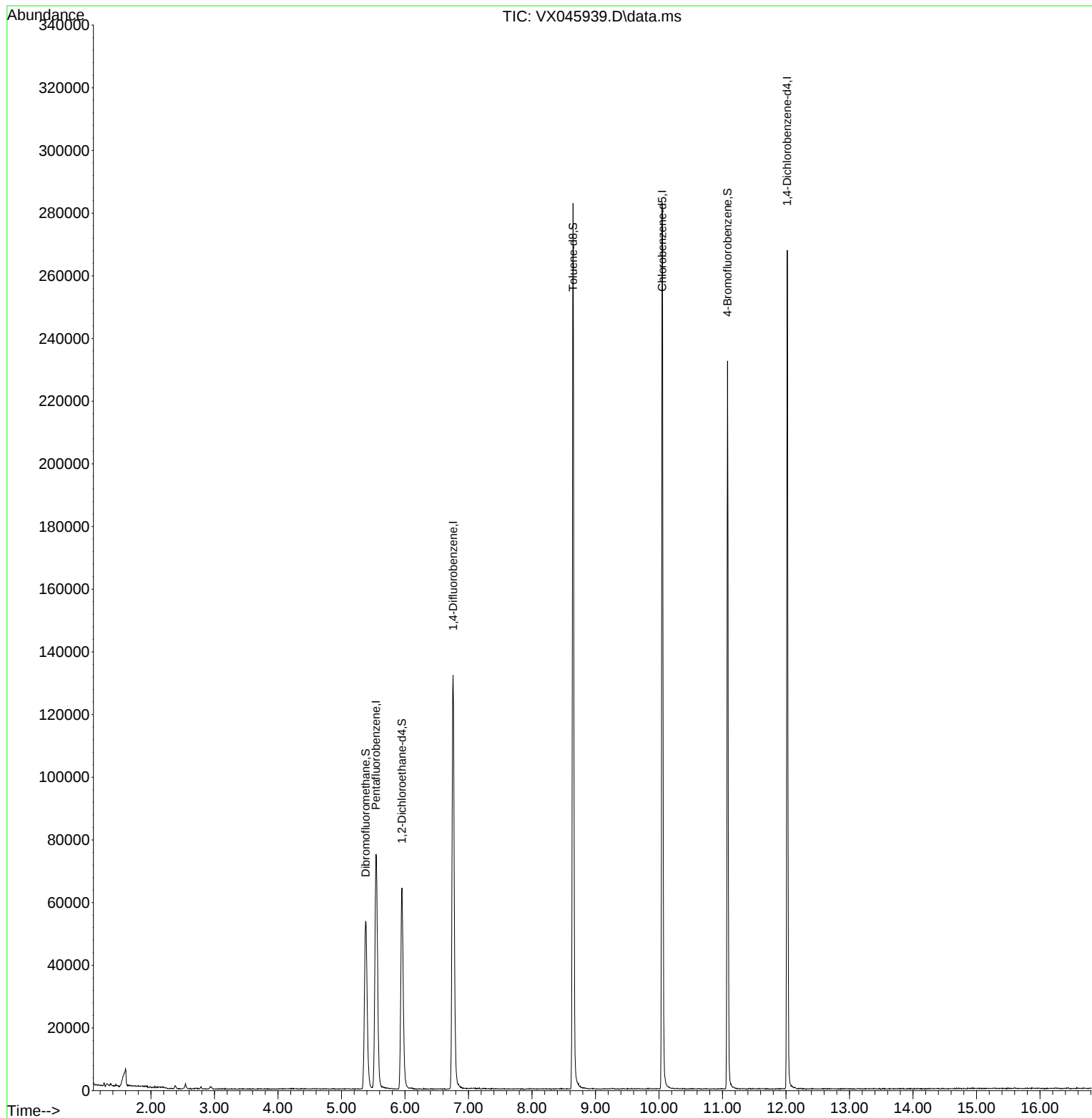
Target Compounds	Qvalue

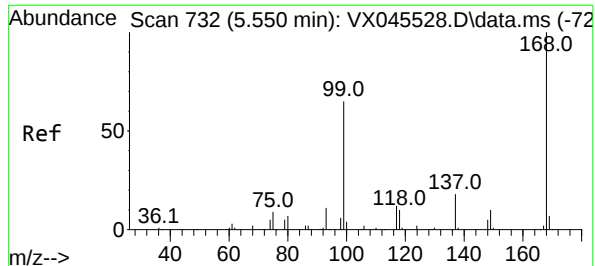
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042525\
Data File : VX045939.D
Acq On : 25 Apr 2025 13:23
Operator : JC/MD
Sample : Q1888-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Quant Time: Apr 25 23:01:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

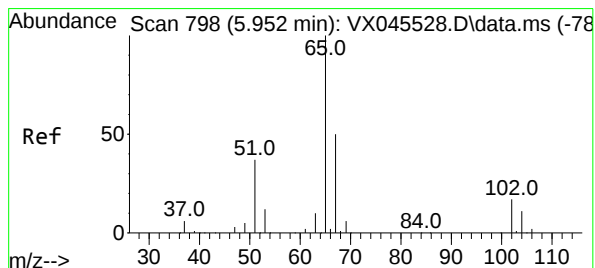
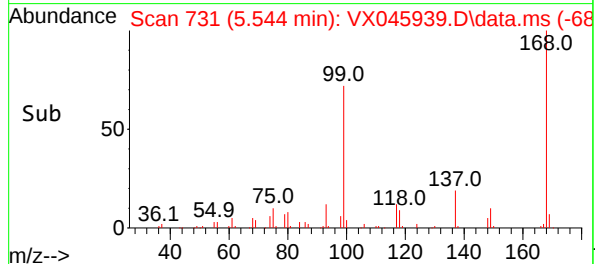
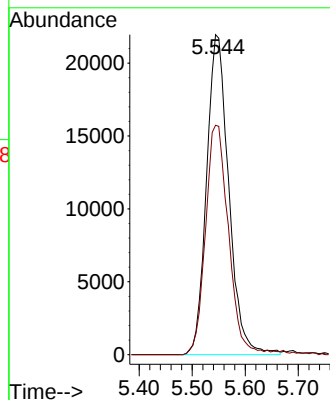
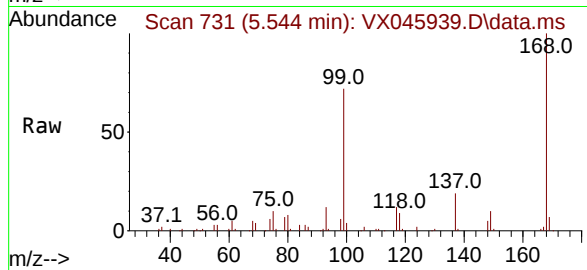




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045939.D
Acq: 25 Apr 2025 13:23

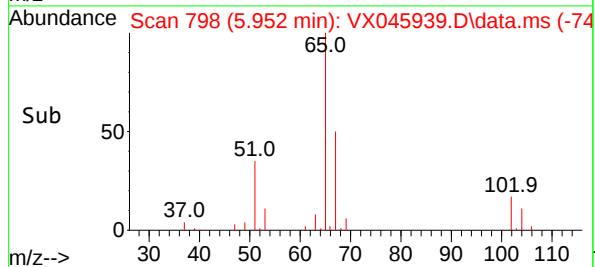
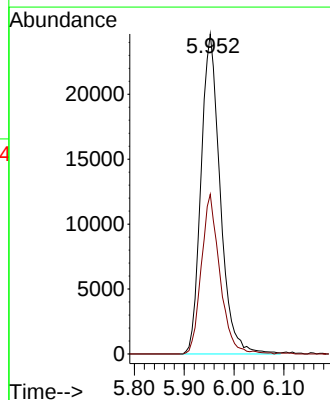
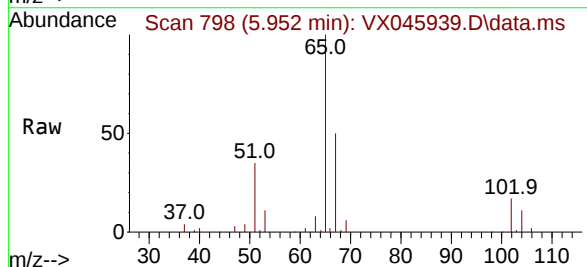
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

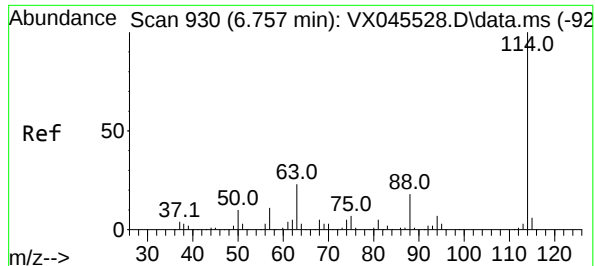
Tgt Ion:168 Resp: 63790
Ion Ratio Lower Upper
168 100
99 71.7 52.3 78.5



#33
1,2-Dichloroethane-d4
Concen: 56.313 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045939.D
Acq: 25 Apr 2025 13:23

Tgt Ion: 65 Resp: 65692
Ion Ratio Lower Upper
65 100
67 47.9 0.0 99.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX045939.D

Acq: 25 Apr 2025 13:23

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

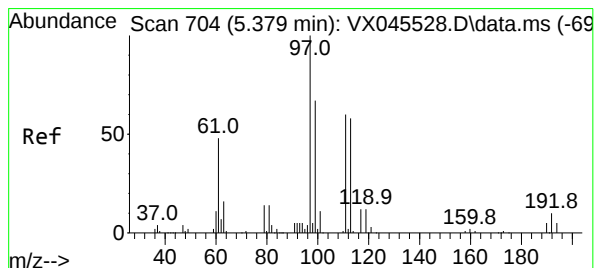
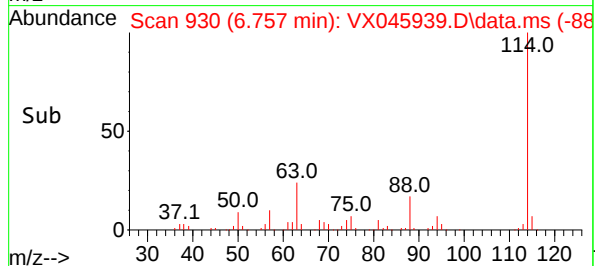
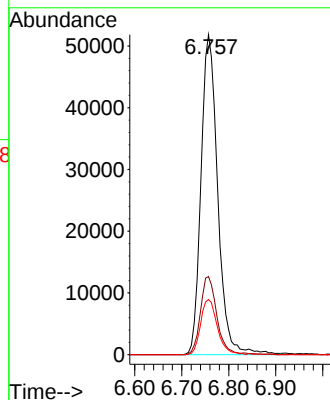
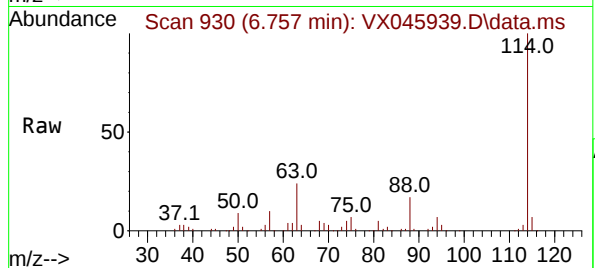
Tgt Ion:114 Resp: 128300

Ion Ratio Lower Upper

114 100

63 24.4 0.0 46.8

88 17.3 0.0 35.4



#35

Dibromofluoromethane

Concen: 51.938 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX045939.D

Acq: 25 Apr 2025 13:23

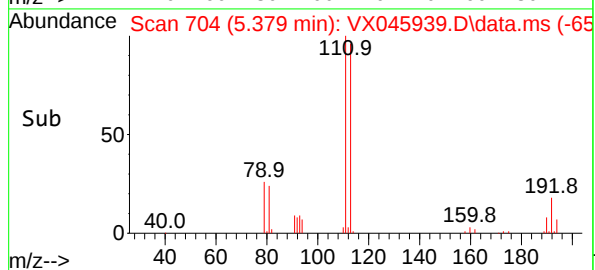
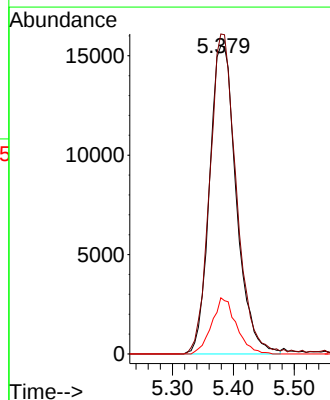
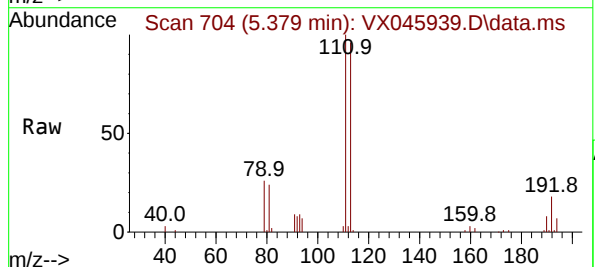
Tgt Ion:113 Resp: 47279

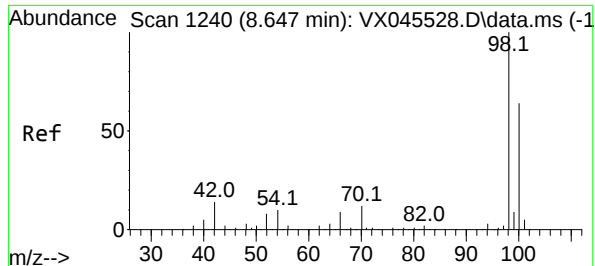
Ion Ratio Lower Upper

113 100

111 103.4 81.8 122.6

192 16.7 13.8 20.6





#50

Toluene-d8

Concen: 50.484 ug/l

RT: 8.647 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX045939.D

Acq: 25 Apr 2025 13:23

Instrument :

MSVOA_X

ClientSampleId :

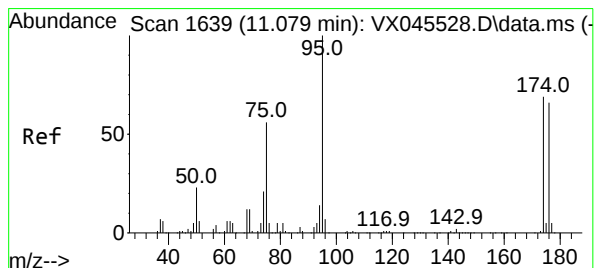
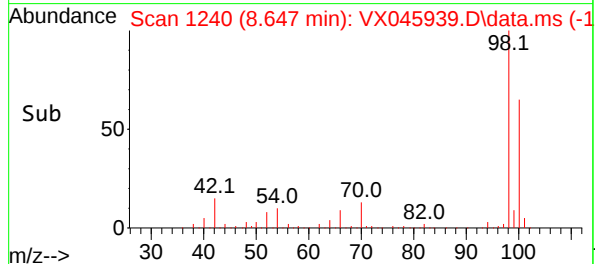
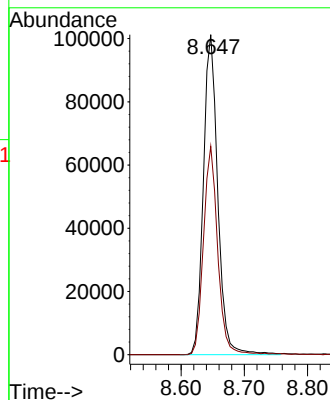
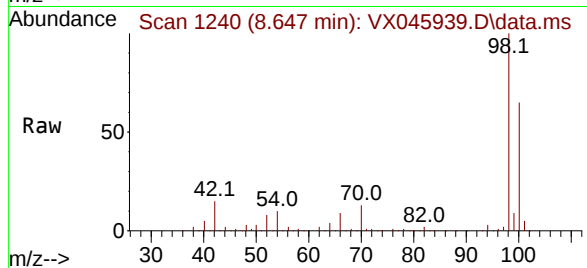
STORAGE-BLANK-WATER-REF-5

Tgt Ion: 98 Resp: 160402

Ion Ratio Lower Upper

98 100

100 64.6 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 51.328 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX045939.D

Acq: 25 Apr 2025 13:23

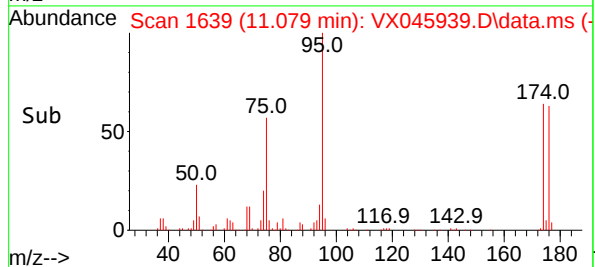
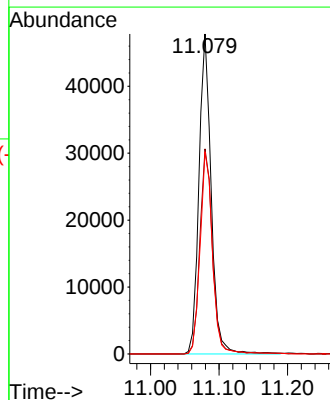
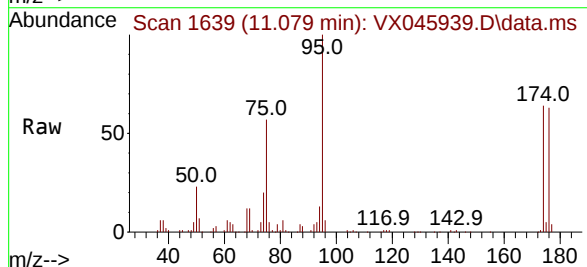
Tgt Ion: 95 Resp: 59403

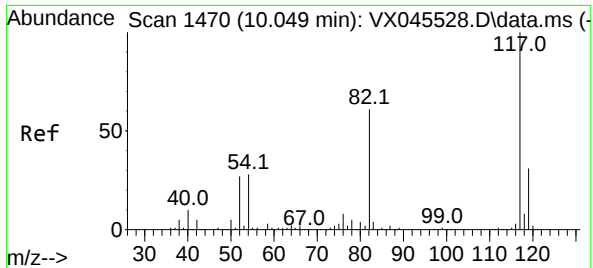
Ion Ratio Lower Upper

95 100

174 66.1 0.0 135.8

176 63.8 0.0 131.4

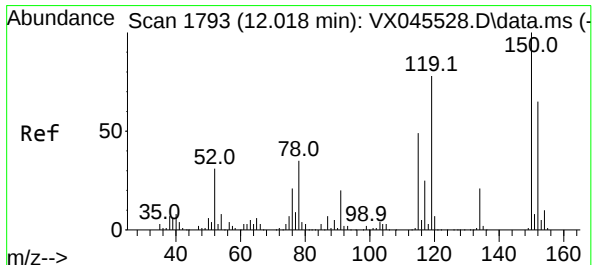
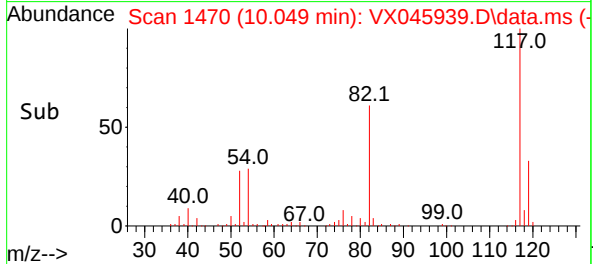
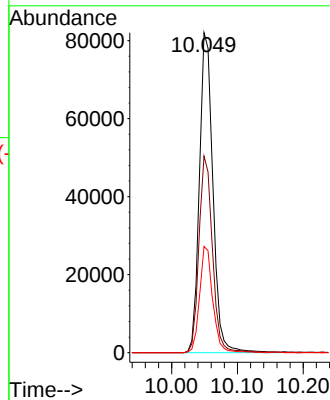
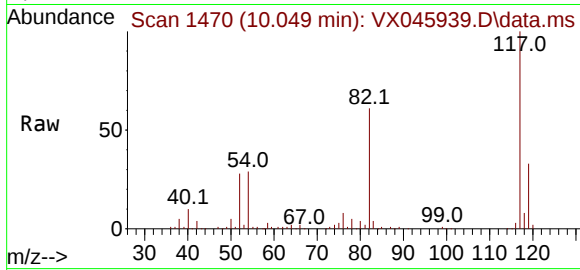




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045939.D
Acq: 25 Apr 2025 13:23

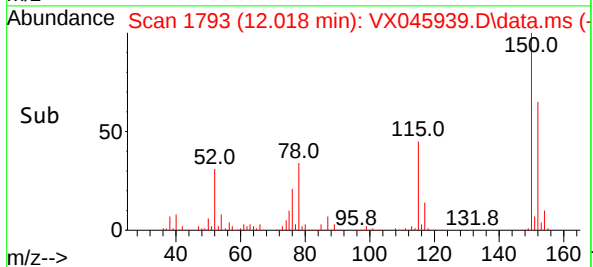
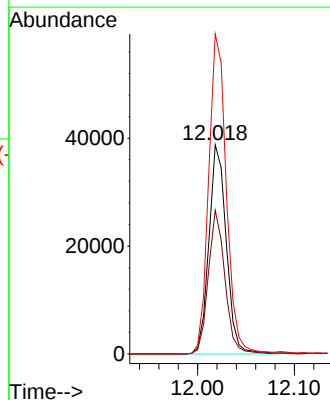
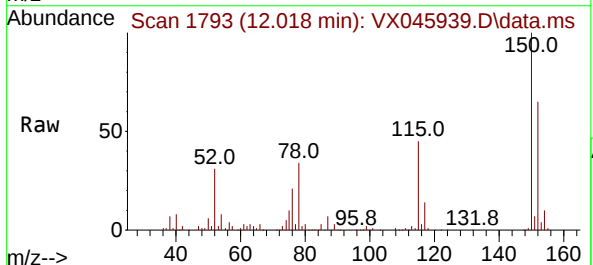
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Tgt Ion:117 Resp: 117188
Ion Ratio Lower Upper
117 100
82 61.4 49.2 73.8
119 33.2 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045939.D
Acq: 25 Apr 2025 13:23

Tgt Ion:152 Resp: 48670
Ion Ratio Lower Upper
152 100
115 65.5 46.9 140.7
150 154.9 0.0 349.4



Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	04/18/25
Project:	Weekly Storage Blanks	Date Received:	04/25/25
Client Sample ID:	STORAGE-BLANK-WATER-REF-4	SDG No.:	Q1888
Lab Sample ID:	Q1888-03	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
VX045940.D	1		04/25/25 13:46	VX042525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.22	U	0.22	1.00	ug/L
74-87-3	Chloromethane	0.32	U	0.32	1.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
141-78-6	Ethyl Acetate	0.31	U	0.31	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	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	5.50	U	5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
107-02-8	Acrolein	7.10	U	7.10	25.0	ug/L
107-13-1	Acrylonitrile	0.83	U	0.83	5.00	ug/L
67-64-1	Acetone	1.50	U	1.50	5.00	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	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	0.27	UQ	0.27	1.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	1.00	ug/L
108-05-4	Vinyl Acetate	0.66	U	0.66	5.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	1.50	U	1.50	5.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
594-20-7	2,2-Dichloropropane	0.21	U	0.21	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	1.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	1.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
108-87-2	Methylcyclohexane	0.16	U	0.16	1.00	ug/L
563-58-6	1,1-Dichloropropene	0.15	U	0.15	1.00	ug/L

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	04/18/25
Project:	Weekly Storage Blanks	Date Received:	04/25/25
Client Sample ID:	STORAGE-BLANK-WATER-REF-4	SDG No.:	Q1888
Lab Sample ID:	Q1888-03	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
VX045940.D	1		04/25/25 13:46	VX042525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
71-43-2	Benzene	0.15	U	0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	1.00	ug/L
74-95-3	Dibromomethane	0.25	U	0.25	1.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	5.00	ug/L
108-88-3	Toluene	0.14	U	0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	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	0.19	U	0.19	1.00	ug/L
110-75-8	2-Chloroethyl Vinyl ether	0.30	U	0.30	5.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
630-20-6	1,1,1,2-Tetrachloroethane	0.19	U	0.19	1.00	ug/L
67-72-1	Hexachloroethane	0.32	U	0.32	0	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	0.24	U	0.24	2.00	ug/L
95-47-6	o-Xylene	0.12	U	0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	1.00	ug/L
98-82-8	Isopropylbenzene	0.12	U	0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
96-18-4	1,2,3-Trichloropropane	0.35	U	0.35	1.00	ug/L
108-86-1	Bromobenzene	0.24	U	0.24	1.00	ug/L
103-65-1	n-propylbenzene	0.13	U	0.13	1.00	ug/L
95-49-8	2-Chlorotoluene	0.14	U	0.14	1.00	ug/L

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	04/18/25
Project:	Weekly Storage Blanks	Date Received:	04/25/25
Client Sample ID:	STORAGE-BLANK-WATER-REF-4	SDG No.:	Q1888
Lab Sample ID:	Q1888-03	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5	Units:	mL
Soil Aliquot Vol:			uL
GC Column:	DB-624UI	ID :	0.18
Prep Method :		Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045940.D	1		04/25/25 13:46	VX042525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-67-8	1,3,5-Trimethylbenzene	0.15	U	0.15	1.00	ug/L
106-43-4	4-Chlorotoluene	0.13	U	0.13	1.00	ug/L
98-06-6	tert-Butylbenzene	0.14	U	0.14	1.00	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.14	U	0.14	1.00	ug/L
135-98-8	sec-Butylbenzene	0.13	U	0.13	1.00	ug/L
99-87-6	p-Isopropyltoluene	0.13	U	0.13	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
104-51-8	n-Butylbenzene	0.15	U	0.15	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
87-68-3	Hexachlorobutadiene	0.30	U	0.30	1.00	ug/L
91-20-3	Naphthalene	0.20	U	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	55.0		74 - 125	110%	SPK: 50
1868-53-7	Dibromofluoromethane	52.6		75 - 124	105%	SPK: 50
2037-26-5	Toluene-d8	50.5		86 - 113	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.7		77 - 121	101%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	66000	5.55			
540-36-3	1,4-Difluorobenzene	129000	6.757			
3114-55-4	Chlorobenzene-d5	120000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	49100	12.018			

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	04/18/25
Project:	Weekly Storage Blanks	Date Received:	04/25/25
Client Sample ID:	STORAGE-BLANK-WATER-REF-4	SDG No.:	Q1888
Lab Sample ID:	Q1888-03	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5	Units:	mL
Soil Aliquot Vol:			uL
GC Column:	DB-624UI	ID :	0.18
Prep Method :		Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045940.D	1		04/25/25 13:46	VX042525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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\VX042525\
 Data File : VX045940.D
 Acq On : 25 Apr 2025 13:46
 Operator : JC/MD
 Sample : Q1888-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Quant Time: Apr 25 23:01:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	65990	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	129418	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	119617	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	49096	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66381	55.006	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.020%
35) Dibromofluoromethane	5.379	113	48268	52.567	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.140%
50) Toluene-d8	8.647	98	161946	50.530	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.060%
62) 4-Bromofluorobenzene	11.079	95	59171	50.686	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	101.380%

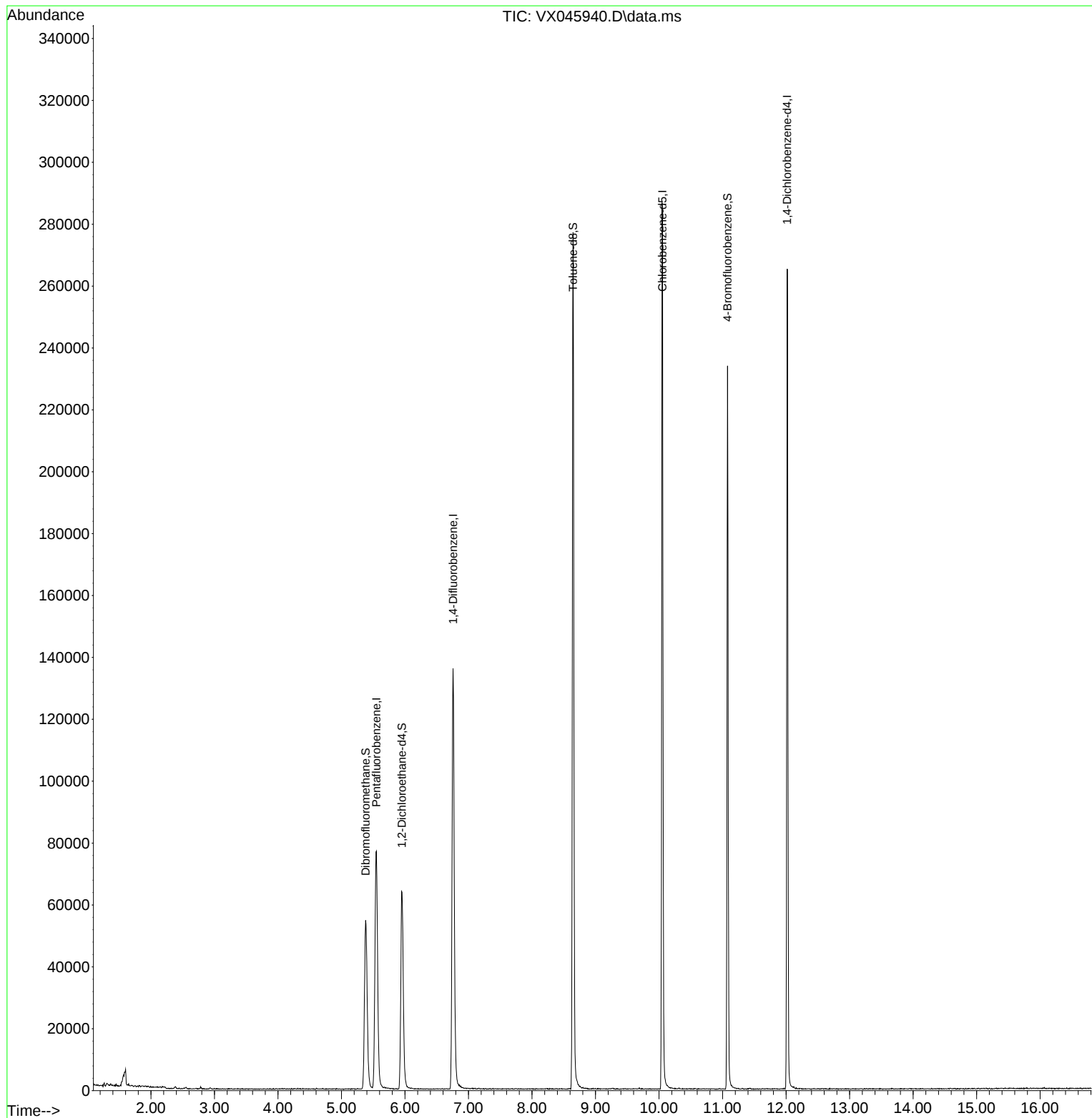
Target Compounds	Qvalue

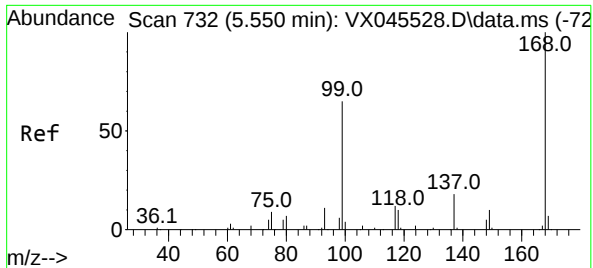
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042525\
Data File : VX045940.D
Acq On : 25 Apr 2025 13:46
Operator : JC/MD
Sample : Q1888-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

Quant Time: Apr 25 23:01:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

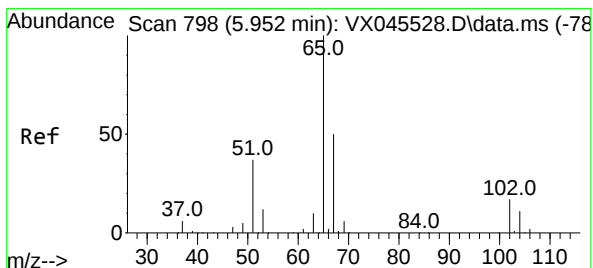
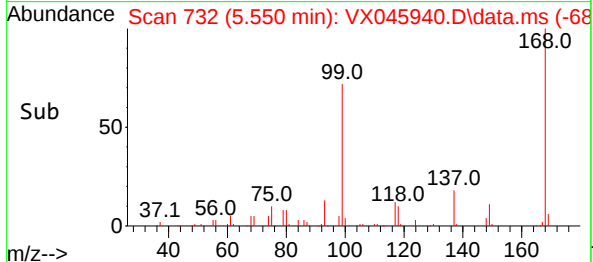
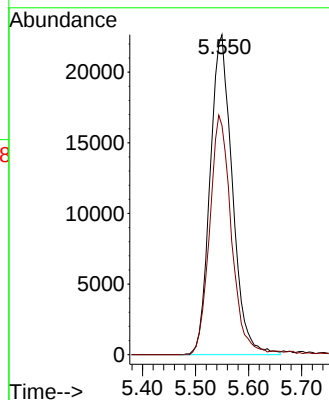
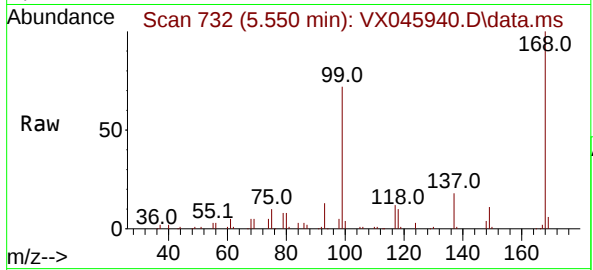




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045940.D
Acq: 25 Apr 2025 13:46

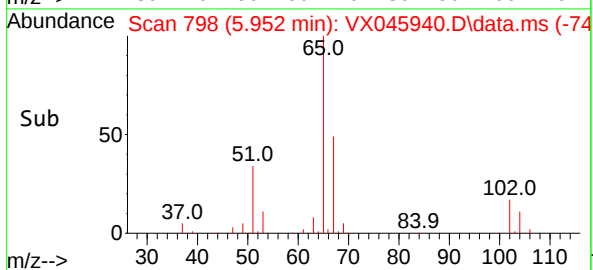
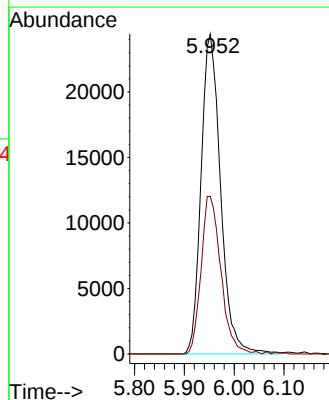
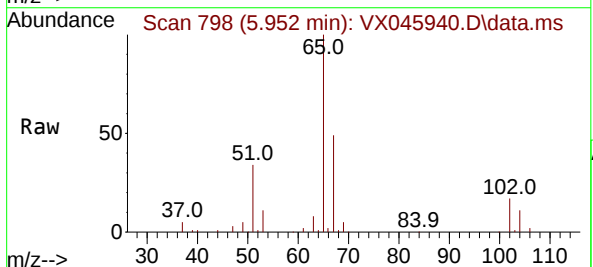
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

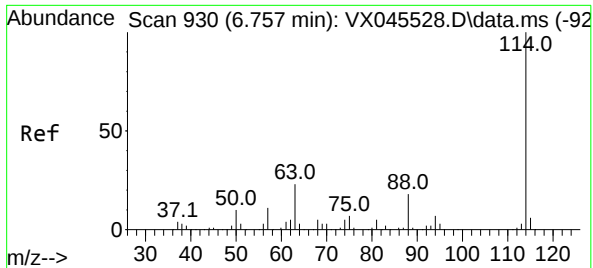
Tgt Ion:168 Resp: 65990
Ion Ratio Lower Upper
168 100
99 71.7 52.3 78.5



#33
1,2-Dichloroethane-d4
Concen: 55.006 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045940.D
Acq: 25 Apr 2025 13:46

Tgt Ion: 65 Resp: 66381
Ion Ratio Lower Upper
65 100
67 50.0 0.0 99.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 91

Delta R.T. -0.000 min

Lab File: VX045940.D

Acq: 25 Apr 2025 13:46

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

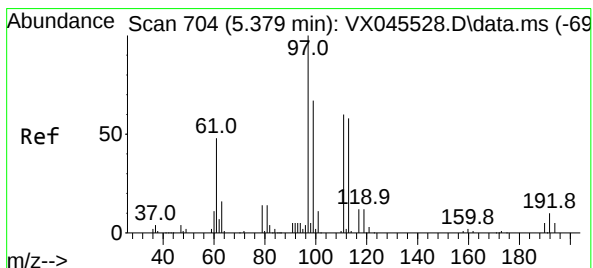
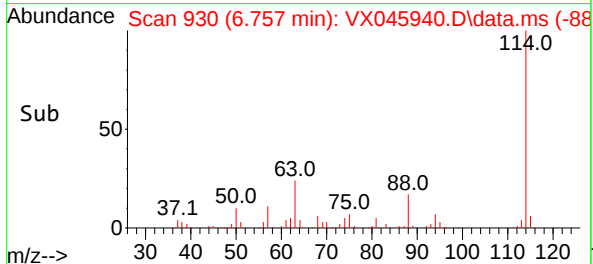
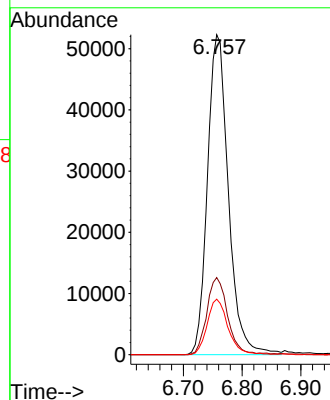
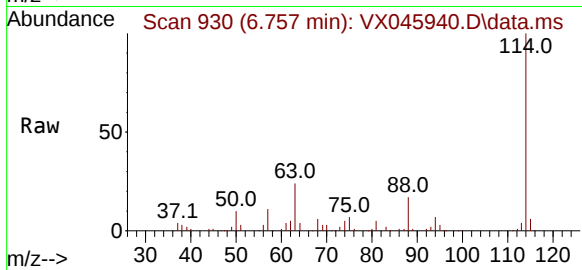
Tgt Ion:114 Resp: 129418

Ion Ratio Lower Upper

114 100

63 24.1 0.0 46.8

88 17.4 0.0 35.4



#35

Dibromofluoromethane

Concen: 52.567 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX045940.D

Acq: 25 Apr 2025 13:46

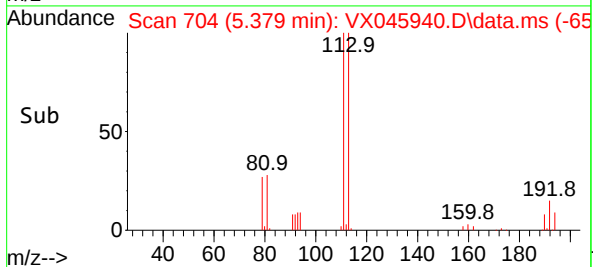
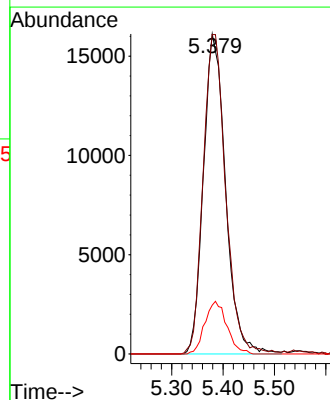
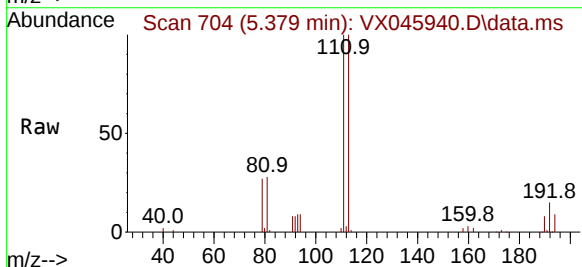
Tgt Ion:113 Resp: 48268

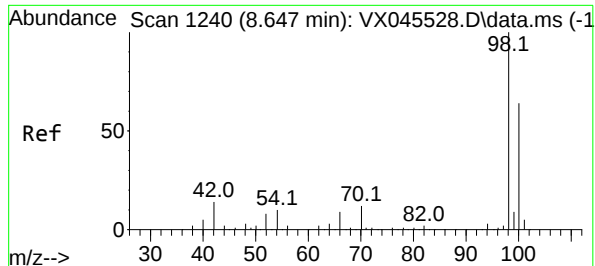
Ion Ratio Lower Upper

113 100

111 101.1 81.8 122.6

192 16.3 13.8 20.6





#50

Toluene-d8

Concen: 50.530 ug/l

RT: 8.647 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX045940.D

Acq: 25 Apr 2025 13:46

Instrument :

MSVOA_X

ClientSampleId :

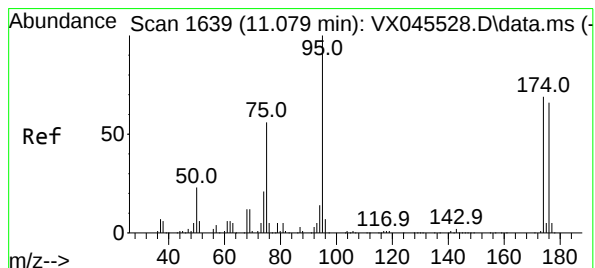
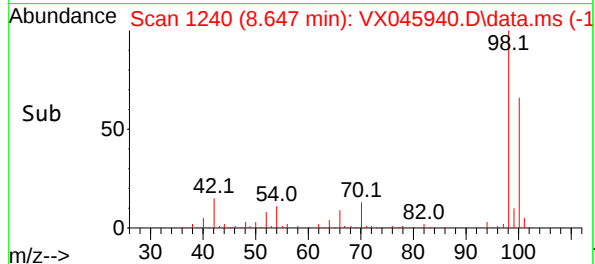
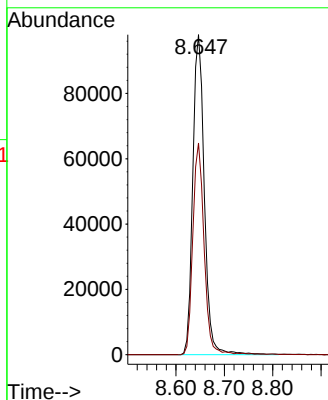
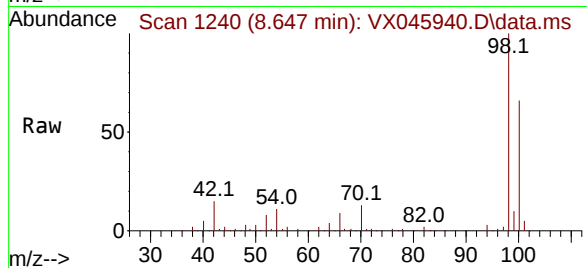
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 98 Resp: 161946

Ion Ratio Lower Upper

98 100

100 64.9 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 50.686 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX045940.D

Acq: 25 Apr 2025 13:46

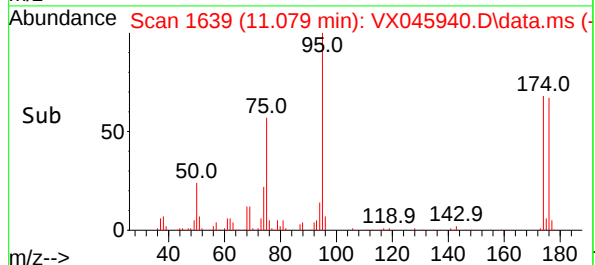
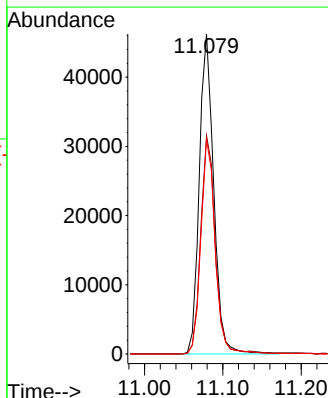
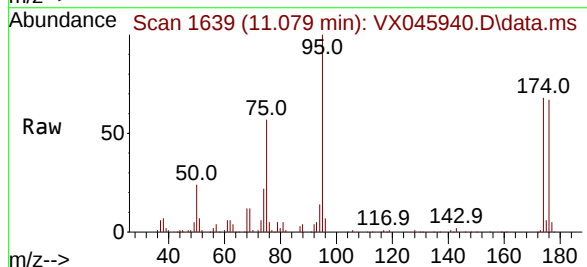
Tgt Ion: 95 Resp: 59171

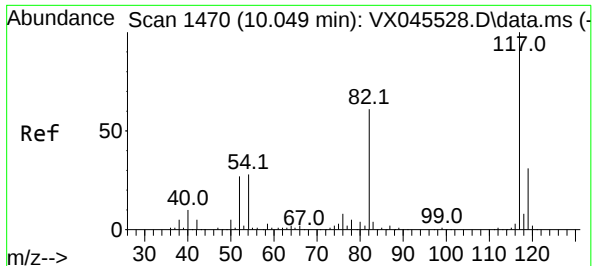
Ion Ratio Lower Upper

95 100

174 68.3 0.0 135.8

176 66.3 0.0 131.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VX045940.D

Acq: 25 Apr 2025 13:46

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

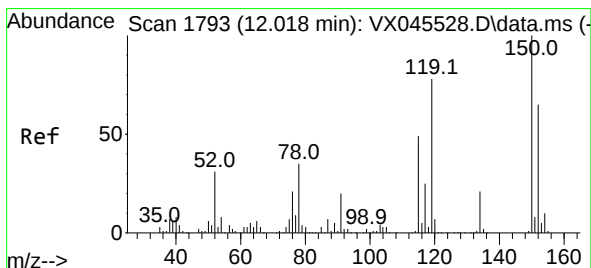
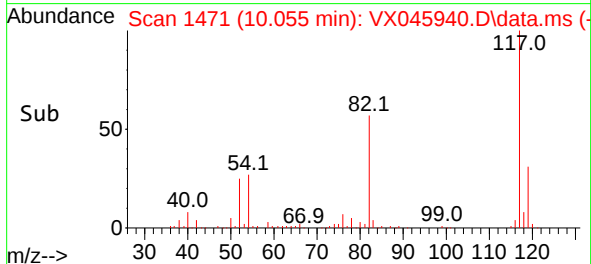
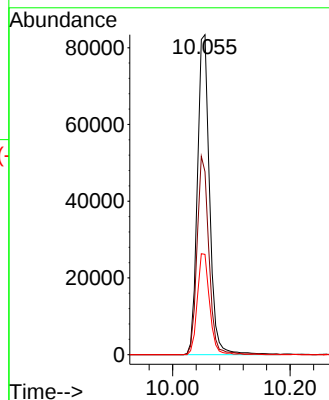
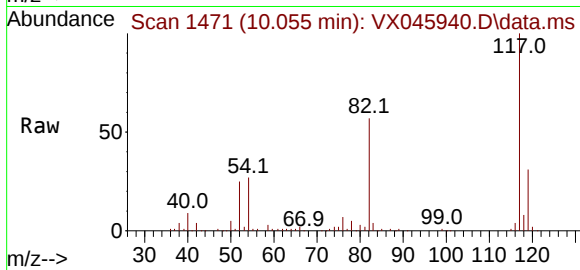
Tgt Ion:117 Resp: 119617

Ion Ratio Lower Upper

117 100

82 57.2 49.2 73.8

119 31.3 25.1 37.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VX045940.D

Acq: 25 Apr 2025 13:46

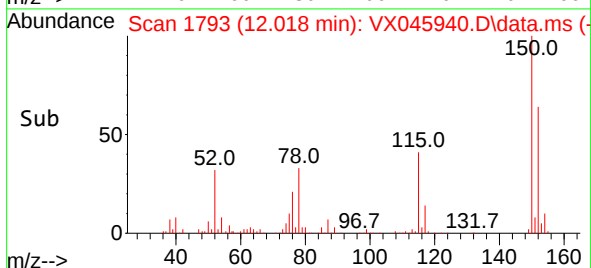
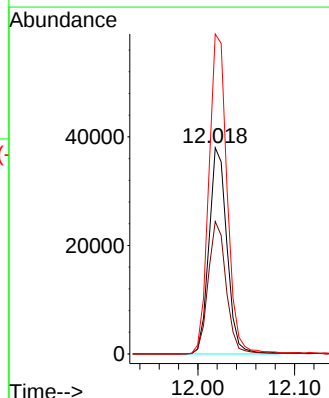
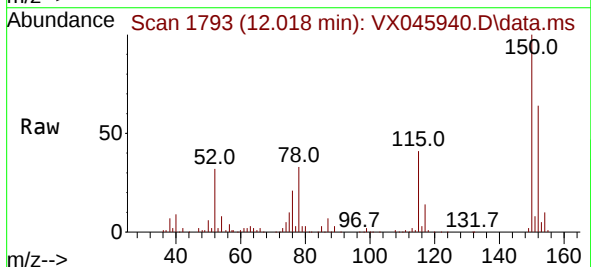
Tgt Ion:152 Resp: 49096

Ion Ratio Lower Upper

152 100

115 64.9 46.9 140.7

150 157.8 0.0 349.4



Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	04/18/25
Project:	Weekly Storage Blanks	Date Received:	04/25/25
Client Sample ID:	STORAGE-BLANK-SAMPLE-MANAGEMENT	SDG No.:	Q1888
Lab Sample ID:	Q1888-04	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
VX045941.D	1		04/25/25 14:10	VX042525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.22	U	0.22	1.00	ug/L
74-87-3	Chloromethane	0.32	U	0.32	1.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
141-78-6	Ethyl Acetate	0.31	U	0.31	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	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	5.50	U	5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
107-02-8	Acrolein	7.10	U	7.10	25.0	ug/L
107-13-1	Acrylonitrile	0.83	U	0.83	5.00	ug/L
67-64-1	Acetone	1.50	U	1.50	5.00	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	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	0.27	UQ	0.27	1.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	1.00	ug/L
108-05-4	Vinyl Acetate	0.66	U	0.66	5.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	1.50	U	1.50	5.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
594-20-7	2,2-Dichloropropane	0.21	U	0.21	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	1.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	1.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
108-87-2	Methylcyclohexane	0.16	U	0.16	1.00	ug/L
563-58-6	1,1-Dichloropropene	0.15	U	0.15	1.00	ug/L

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	04/18/25
Project:	Weekly Storage Blanks	Date Received:	04/25/25
Client Sample ID:	STORAGE-BLANK-SAMPLE-MANAGEMENT	SDG No.:	Q1888
Lab Sample ID:	Q1888-04	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5	Units:	mL
Soil Aliquot Vol:			uL
GC Column:	DB-624UI	ID :	0.18
Prep Method :		Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045941.D	1		04/25/25 14:10	VX042525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
71-43-2	Benzene	0.15	U	0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	1.00	ug/L
74-95-3	Dibromomethane	0.25	U	0.25	1.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	5.00	ug/L
108-88-3	Toluene	0.14	U	0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	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	0.19	U	0.19	1.00	ug/L
110-75-8	2-Chloroethyl Vinyl ether	0.30	U	0.30	5.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
630-20-6	1,1,1,2-Tetrachloroethane	0.19	U	0.19	1.00	ug/L
67-72-1	Hexachloroethane	0.32	U	0.32	0	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	0.24	U	0.24	2.00	ug/L
95-47-6	o-Xylene	0.12	U	0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	1.00	ug/L
98-82-8	Isopropylbenzene	0.12	U	0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
96-18-4	1,2,3-Trichloropropane	0.35	U	0.35	1.00	ug/L
108-86-1	Bromobenzene	0.24	U	0.24	1.00	ug/L
103-65-1	n-propylbenzene	0.13	U	0.13	1.00	ug/L
95-49-8	2-Chlorotoluene	0.14	U	0.14	1.00	ug/L

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-67-8	1,3,5-Trimethylbenzene	0.15	U	0.15	1.00	ug/L
106-43-4	4-Chlorotoluene	0.13	U	0.13	1.00	ug/L
98-06-6	tert-Butylbenzene	0.14	U	0.14	1.00	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.14	U	0.14	1.00	ug/L
135-98-8	sec-Butylbenzene	0.13	U	0.13	1.00	ug/L
99-87-6	p-Isopropyltoluene	0.13	U	0.13	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
104-51-8	n-Butylbenzene	0.15	U	0.15	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
87-68-3	Hexachlorobutadiene	0.30	U	0.30	1.00	ug/L
91-20-3	Naphthalene	0.20	U	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	54.6		74 - 125	109%	SPK: 50
1868-53-7	Dibromofluoromethane	51.8		75 - 124	104%	SPK: 50
2037-26-5	Toluene-d8	51.0		86 - 113	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.5		77 - 121	103%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	65100	5.544			
540-36-3	1,4-Difluorobenzene	126000	6.757			
3114-55-4	Chlorobenzene-d5	118000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	49500	12.018			

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	04/18/25
Project:	Weekly Storage Blanks	Date Received:	04/25/25
Client Sample ID:	STORAGE-BLANK-SAMPLE-MANAGEMENT	SDG No.:	Q1888
Lab Sample ID:	Q1888-04	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
VX045941.D	1		04/25/25 14:10	VX042525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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\VX042525\
 Data File : VX045941.D
 Acq On : 25 Apr 2025 14:10
 Operator : JC/MD
 Sample : Q1888-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAGEMENT

Quant Time: Apr 25 23:02:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	65095	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	126440	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	117635	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	49502	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64938	54.551	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	109.100%
35) Dibromofluoromethane	5.385	113	46456	51.785	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.580%
50) Toluene-d8	8.647	98	159689	50.999	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.000%
62) 4-Bromofluorobenzene	11.079	95	58762	51.521	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	103.040%

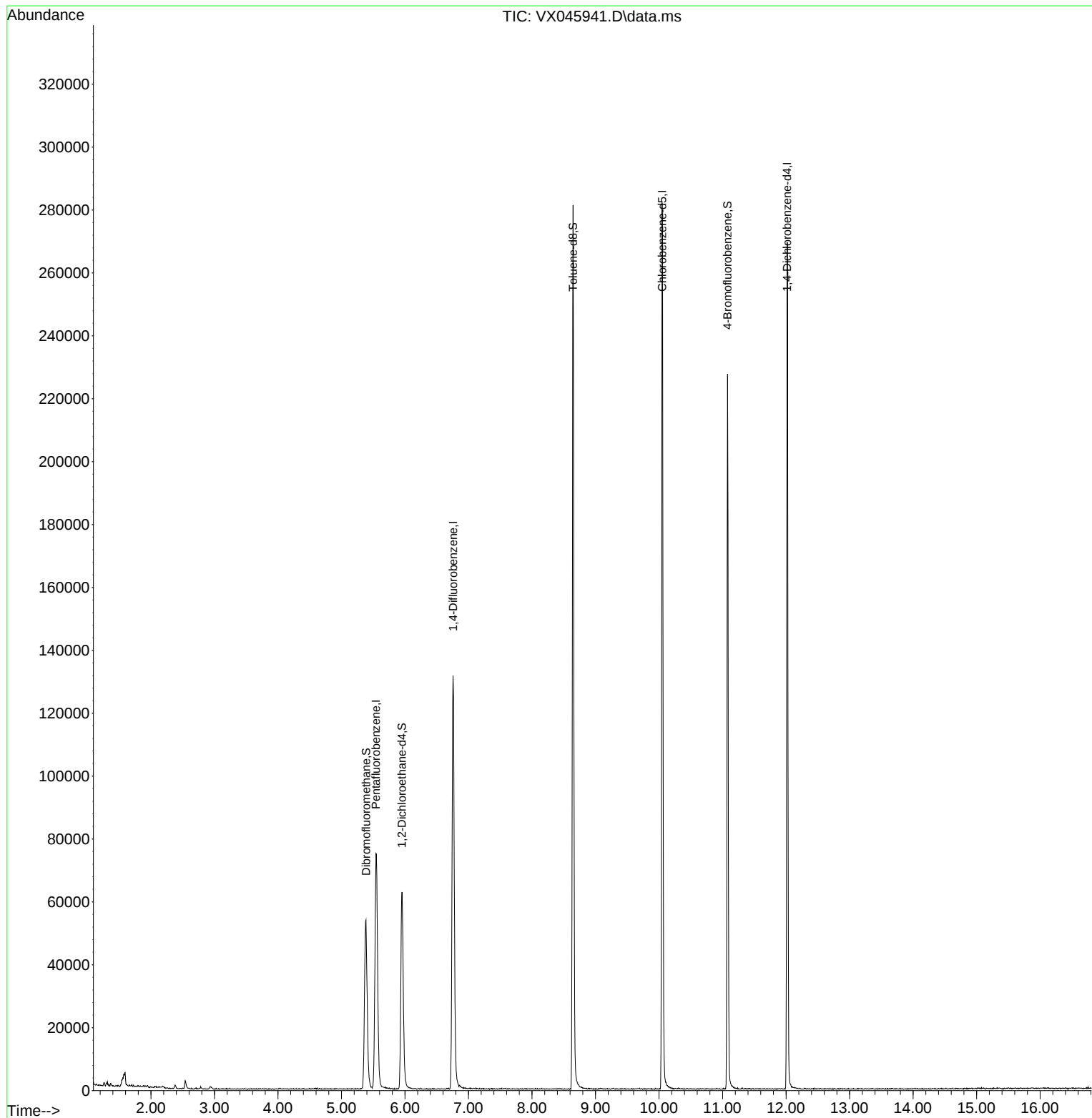
Target Compounds	Qvalue

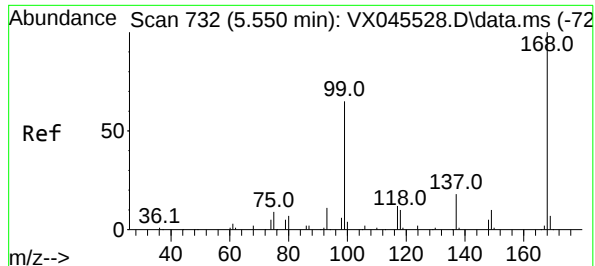
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042525\
Data File : VX045941.D
Acq On : 25 Apr 2025 14:10
Operator : JC/MD
Sample : Q1888-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGEMENT

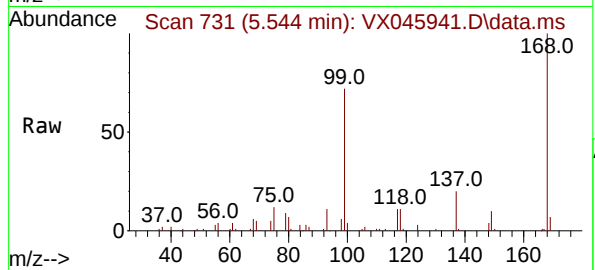
Quant Time: Apr 25 23:02:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration



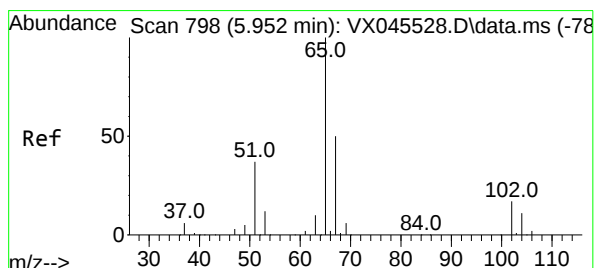
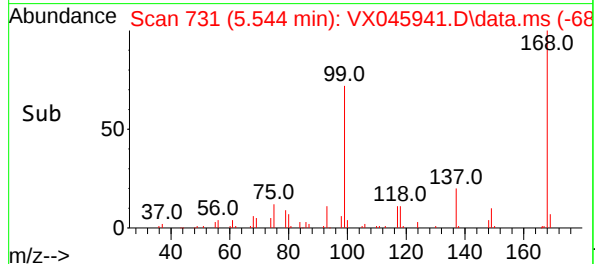
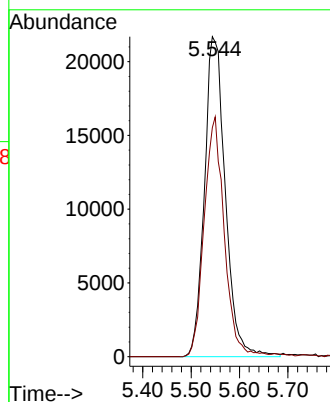


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.006 min
Lab File: VX045941.D
Acq: 25 Apr 2025 14:10

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGEMENT

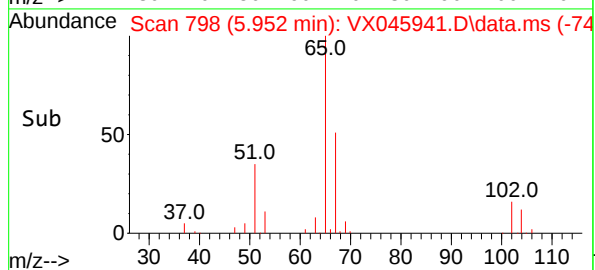
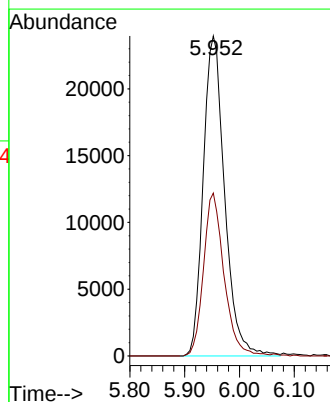
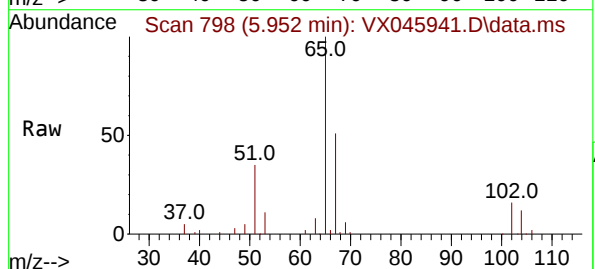


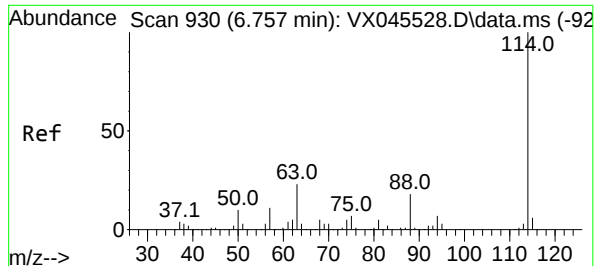
Tgt Ion: 168 Resp: 65095
Ion Ratio Lower Upper
168 100
99 71.6 52.3 78.5



#33
1,2-Dichloroethane-d4
Concen: 54.551 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045941.D
Acq: 25 Apr 2025 14:10

Tgt Ion: 65 Resp: 64938
Ion Ratio Lower Upper
65 100
67 48.7 0.0 99.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX045941.D

Acq: 25 Apr 2025 14:10

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAGEMENT

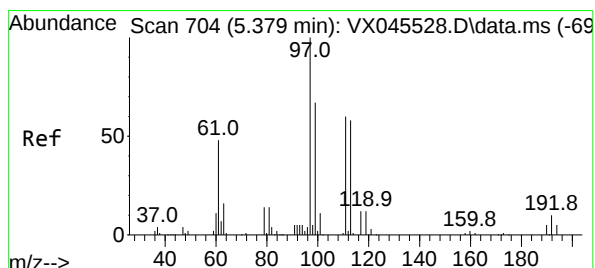
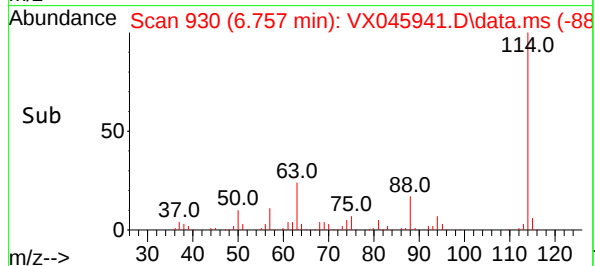
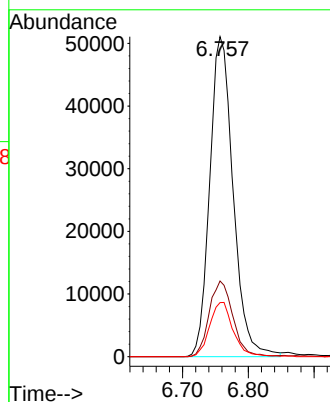
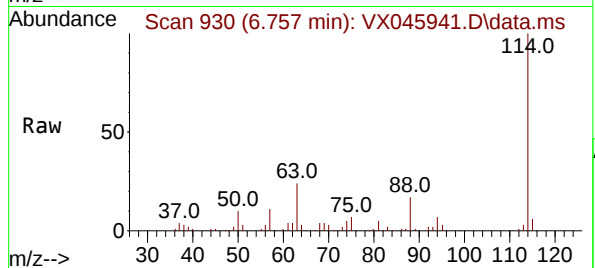
Tgt Ion:114 Resp: 126440

Ion Ratio Lower Upper

114 100

63 23.7 0.0 46.8

88 16.9 0.0 35.4



#35

Dibromofluoromethane

Concen: 51.785 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX045941.D

Acq: 25 Apr 2025 14:10

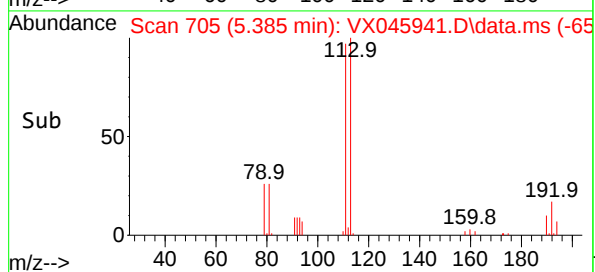
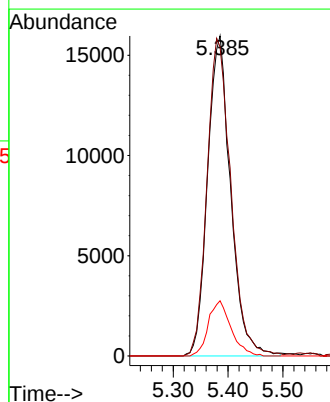
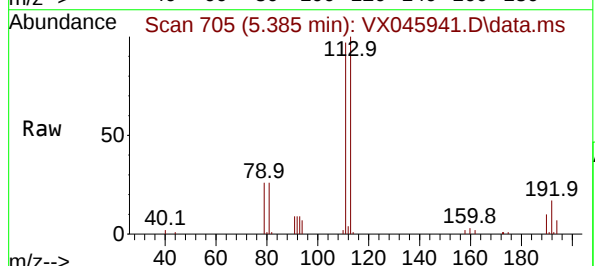
Tgt Ion:113 Resp: 46456

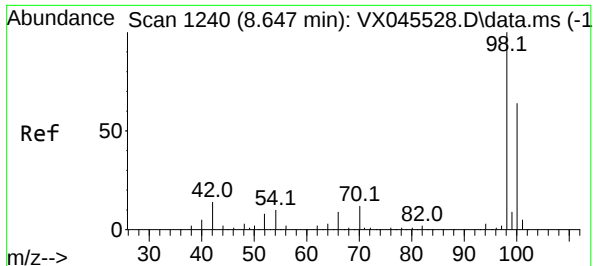
Ion Ratio Lower Upper

113 100

111 102.7 81.8 122.6

192 17.0 13.8 20.6





#50

Toluene-d8

Concen: 50.999 ug/l

RT: 8.647 min Scan# 1122

Delta R.T. 0.000 min

Lab File: VX045941.D

Acq: 25 Apr 2025 14:10

Instrument :

MSVOA_X

ClientSampleId :

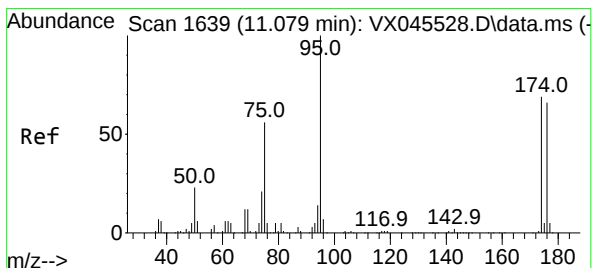
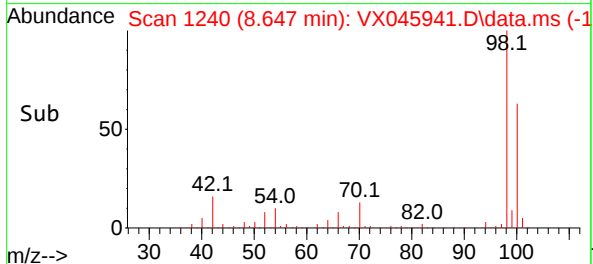
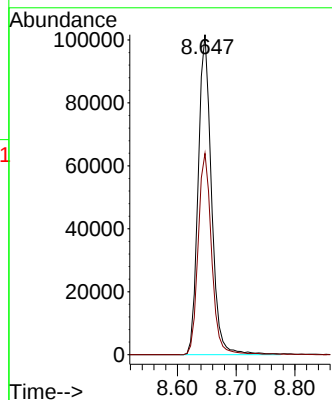
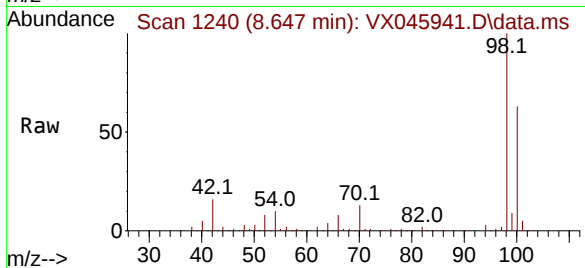
STORAGE-BLANK-SAMPLE-MANAGEMENT

Tgt Ion: 98 Resp: 159689

Ion Ratio Lower Upper

98 100

100 63.6 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 51.521 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX045941.D

Acq: 25 Apr 2025 14:10

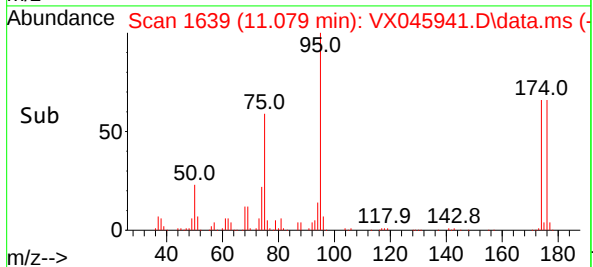
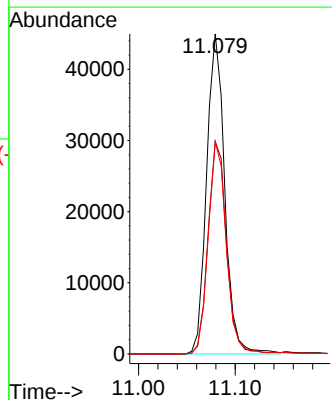
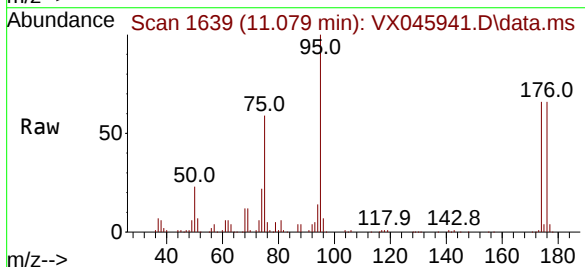
Tgt Ion: 95 Resp: 58762

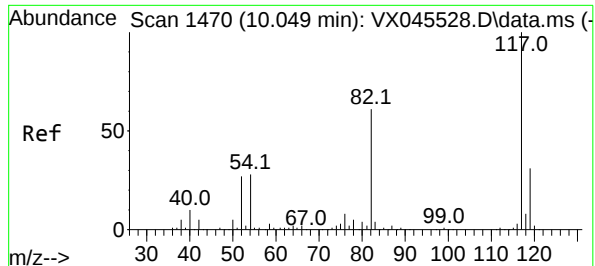
Ion Ratio Lower Upper

95 100

174 67.3 0.0 135.8

176 66.5 0.0 131.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. 0.000 min

Lab File: VX045941.D

Acq: 25 Apr 2025 14:10

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAGEMENT

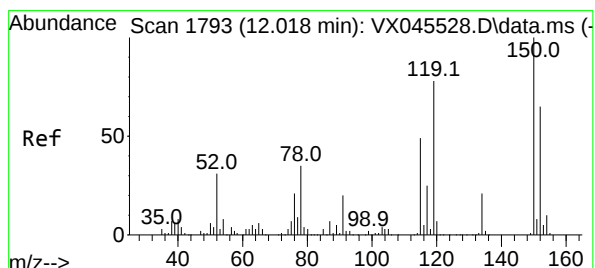
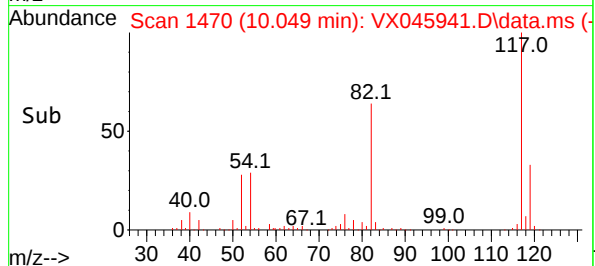
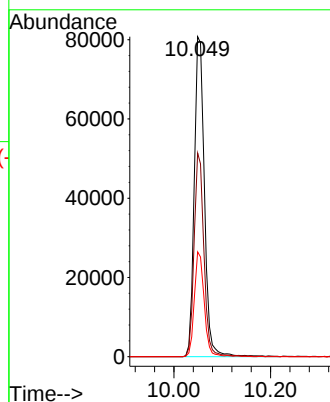
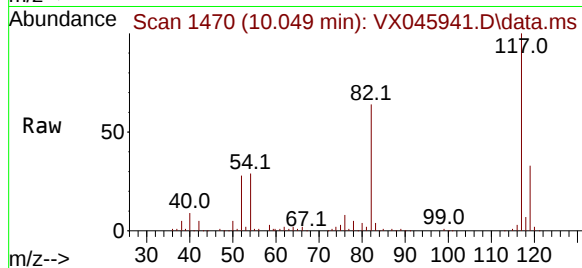
Tgt Ion:117 Resp: 117635

Ion Ratio Lower Upper

117 100

82 63.6 49.2 73.8

119 32.7 25.1 37.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX045941.D

Acq: 25 Apr 2025 14:10

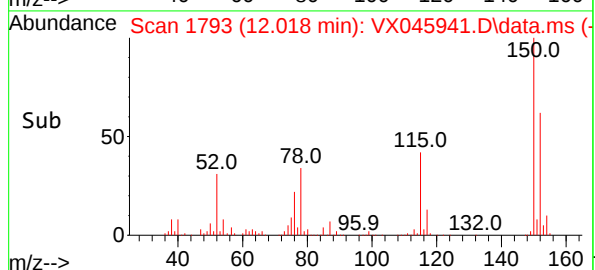
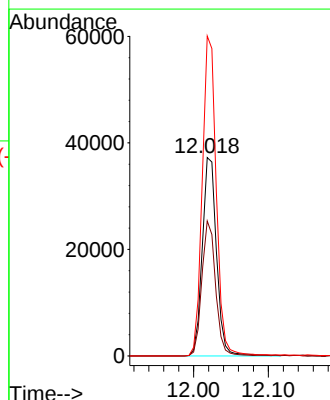
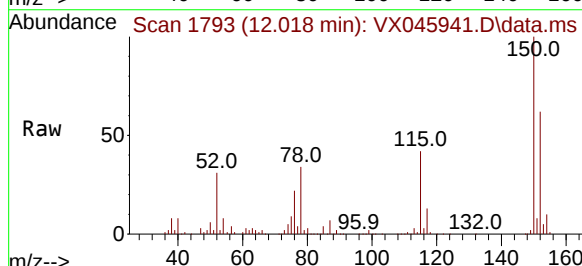
Tgt Ion:152 Resp: 49502

Ion Ratio Lower Upper

152 100

115 65.3 46.9 140.7

150 158.1 0.0 349.4





CALIBRATION SUMMARY



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.: Q1888 SAS No.: Q1888 SDG No.: Q1888
 Instrument ID: MSVOA_X Calibration Date(s): 04/01/2025 04/01/2025
 Heated Purge: (Y/N) N Calibration Time(s): 17:06 19:02
 GC Column: DB-624UI ID: 0.18 (mm)

LAB FILE ID:		RRF001 = VX045525.D		RRF005 = VX045526.D		RRF020 = VX045527.D			
		RRF050 = VX045528.D		RRF100 = VX045529.D		RRF150 = VX045530.D			
COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	RRF	% RSD	
Dichlorodifluoromethane	0.615	0.695	0.700	0.820	0.837	0.820	0.748	12.1	
Chloromethane	0.764	0.734	0.777	0.784	0.815	0.734	0.768	4.1	
Vinyl Chloride	0.671	0.662	0.701	0.716	0.738	0.730	0.703	4.4	
Ethyl Acetate	0.582	0.565	0.609	0.623	0.629	0.614	0.604	4.1	
Bromomethane		0.342	0.327	0.330	0.341	0.327	0.333	2.2	
Chloroethane	0.378	0.397	0.390	0.398	0.355	0.319	0.373	8.3	
Trichlorofluoromethane	1.051	0.999	1.075	1.086	1.089	0.989	1.048	4.2	
1,1,2-Trichlorotrifluoroethane	0.575	0.599	0.635	0.621	0.621	0.634	0.614	3.7	
Tert butyl alcohol		0.111	0.124	0.127	0.128	0.124	0.123	5.4	
1,1-Dichloroethene	0.563	0.588	0.612	0.604	0.618	0.616	0.600	3.5	
Acrolein		0.176	0.161	0.167	0.170	0.172	0.169	3.4	
Acrylonitrile	0.356	0.382	0.413	0.407	0.394	0.376	0.388	5.4	
Acetone	0.400	0.369	0.387	0.378	0.365	0.355	0.375	4.3	
Carbon Disulfide	1.334	1.327	1.434	1.553	1.604	1.642	1.483	9.2	
Methyl tert-butyl Ether	1.915	1.964	2.169	2.118	2.217	2.216	2.100	6.2	
Methyl Acetate	0.901	0.863	0.864	0.857	0.855	0.846	0.864	2.2	
Methylene Chloride	0.692	0.695	0.726	0.709	0.705	0.690	0.703	2	
trans-1,2-Dichloroethene	0.574	0.594	0.636	0.624	0.621	0.630	0.613	3.9	
Vinyl Acetate	1.542	1.693	2.005	2.087	2.147	2.156	1.938	13.3	
1,1-Dichloroethane	1.211	1.240	1.318	1.269	1.283	1.292	1.269	3	
Cyclohexane		1.044	1.148	1.123	1.145	1.149	1.122	4	
2-Butanone	0.474	0.537	0.582	0.586	0.571	0.548	0.550	7.5	
Carbon Tetrachloride	0.450	0.497	0.521	0.536	0.545	0.556	0.518	7.5	
2,2-Dichloropropane	0.676	0.757	0.802	0.847	0.903	0.933	0.820	11.7	
cis-1,2-Dichloroethene	0.762	0.696	0.760	0.751	0.754	0.760	0.747	3.4	
Bromochloromethane	0.671	0.608	0.617	0.596	0.610	0.576	0.613	5.2	
Chloroform	1.244	1.309	1.348	1.315	1.309	1.309	1.306	2.6	
1,1,1-Trichloroethane	1.028	1.052	1.120	1.109	1.153	1.167	1.105	5	
Methylcyclohexane	0.519	0.527	0.596	0.622	0.628	0.632	0.587	8.8	
1,1-Dichloropropene	0.477	0.443	0.474	0.485	0.496	0.499	0.479	4.3	

* 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.



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.: Q1888 SAS No.: Q1888 SDG No.: Q1888
 Instrument ID: MSVOA_X Calibration Date(s): 04/01/2025 04/01/2025
 Heated Purge: (Y/N) N Calibration Time(s): 17:06 19:02
 GC Column: DB-624UI ID: 0.18 (mm)

LAB FILE ID:		RRF001 = VX045525.D		RRF005 = VX045526.D		RRF020 = VX045527.D			
		RRF050 = VX045528.D		RRF100 = VX045529.D		RRF150 = VX045530.D			
COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	RRF	% RSD	
Benzene	1.414	1.416	1.519	1.481	1.483	1.465	1.463	2.8	
1,2-Dichloroethane	0.533	0.585	0.649	0.622	0.620	0.617	0.604	6.7	
Trichloroethene	0.349	0.322	0.356	0.351	0.351	0.356	0.348	3.7	
1,2-Dichloropropane	0.309	0.365	0.388	0.376	0.379	0.374	0.365	7.8	
Dibromomethane	0.237	0.287	0.297	0.292	0.286	0.282	0.280	7.8	
Bromodichloromethane	0.521	0.519	0.576	0.572	0.587	0.583	0.560	5.6	
4-Methyl-2-Pentanone	0.499	0.578	0.661	0.663	0.647	0.589	0.606	10.6	
Toluene	0.817	0.866	0.939	0.910	0.905	0.875	0.885	4.8	
t-1,3-Dichloropropene	0.316	0.400	0.465	0.508	0.555	0.558	0.467	20.3	
cis-1,3-Dichloropropene	0.371	0.474	0.546	0.568	0.597	0.600	0.526	16.9	
1,1,2-Trichloroethane	0.337	0.346	0.376	0.359	0.358	0.340	0.353	4.1	
1,3-Dichloropropane	0.555	0.614	0.652	0.633	0.630	0.601	0.614	5.5	
2-Chloroethyl Vinyl ether	0.221	0.257	0.286	0.298	0.301	0.293	0.276	11.3	
2-Hexanone	0.363	0.429	0.488	0.492	0.484	0.439	0.449	11.1	
Dibromochloromethane	0.313	0.352	0.404	0.412	0.421	0.405	0.385	11.1	
1,2-Dibromoethane	0.294	0.351	0.380	0.373	0.380	0.364	0.357	9.1	
Tetrachloroethene	0.346	0.373	0.371	0.347	0.333	0.347	0.353	4.5	
Chlorobenzene	0.951	1.054	1.123	1.084	1.086	1.112	1.068	5.8	
1,1,1,2-Tetrachloroethane	0.368	0.344	0.372	0.373	0.379	0.390	0.371	4.2	
Hexachloroethane	0.493	0.493	0.556	0.597	0.623	0.661	0.571	12.1	
Ethyl Benzene	1.608	1.819	2.002	2.007	1.993	2.053	1.914	8.9	
m/p-Xylenes	0.594	0.669	0.732	0.728	0.723	0.729	0.696	7.9	
o-Xylene	0.562	0.676	0.725	0.719	0.716	0.714	0.686	9.2	
Styrene	0.897	1.043	1.202	1.216	1.230	1.202	1.132	11.8	
Bromoform	0.220	0.252	0.272	0.296	0.307	0.315	0.277	13.1	
Isopropylbenzene	3.581	3.850	4.224	4.181	4.043	4.151	4.005	6.2	
1,1,2,2-Tetrachloroethane	1.457	1.428	1.461	1.384	1.354	1.358	1.407	3.4	
1,2,3-Trichloropropane	1.221	1.257	1.251	1.225	1.192	1.171	1.220	2.7	
Bromobenzene	0.877	0.927	0.953	0.938	0.925	0.932	0.925	2.8	
n-propylbenzene	3.734	4.346	5.012	4.896	4.819	4.872	4.613	10.6	

* 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.



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.: Q1888 SAS No.: Q1888 SDG No.: Q1888
 Instrument ID: MSVOA_X Calibration Date(s): 04/01/2025 04/01/2025
 Heated Purge: (Y/N) N Calibration Time(s): 17:06 19:02
 GC Column: DB-624UI ID: 0.18 (mm)

LAB FILE ID:		RRF001 = VX045525.D		RRF005 = VX045526.D		RRF020 = VX045527.D			
		RRF050 = VX045528.D		RRF100 = VX045529.D		RRF150 = VX045530.D			
COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	RRF	% RSD	
2-Chlorotoluene	2.894	2.873	3.130	2.966	2.915	2.918	2.949	3.2	
1,3,5-Trimethylbenzene	2.931	3.119	3.571	3.511	3.367	3.371	3.312	7.3	
4-Chlorotoluene	2.961	3.156	3.470	3.449	3.350	3.343	3.288	5.9	
tert-Butylbenzene	2.894	3.124	3.437	3.427	3.387	3.405	3.279	6.8	
1,2,4-Trimethylbenzene	2.906	3.129	3.529	3.523	3.438	3.420	3.324	7.6	
sec-Butylbenzene	3.195	3.828	4.316	4.300	4.232	4.292	4.027	11.1	
p-Isopropyltoluene	2.734	3.157	3.515	3.524	3.506	3.484	3.320	9.6	
1,3-Dichlorobenzene	1.658	1.605	1.726	1.699	1.714	1.706	1.684	2.7	
1,4-Dichlorobenzene	1.671	1.724	1.768	1.703	1.674	1.706	1.708	2.1	
n-Butylbenzene	2.117	2.486	2.974	3.160	3.256	3.283	2.879	16.5	
1,2-Dichlorobenzene	1.644	1.645	1.750	1.678	1.665	1.667	1.675	2.3	
1,2-Dibromo-3-Chloropropane	0.196	0.260	0.312	0.316	0.333	0.349	0.294	19.4	
1,2,4-Trichlorobenzene	0.727	0.844	0.948	0.947	1.045	1.083	0.932	14.1	
Hexachlorobutadiene	0.379	0.389	0.401	0.404	0.415	0.422	0.402	4	
Naphthalene	2.544	3.070	3.630	3.722	3.867	3.982	3.469	15.9	
1,2,3-Trichlorobenzene	0.782	0.916	0.999	1.000	1.063	1.097	0.976	11.6	
1,2-Dichloroethane-d4		0.962	0.900	0.868	0.904	0.937	0.914	3.9	
Dibromofluoromethane		0.372	0.342	0.345	0.353	0.362	0.355	3.5	
Toluene-d8		1.257	1.233	1.214	1.230	1.257	1.238	1.5	
4-Bromofluorobenzene		0.413	0.448	0.453	0.481	0.460	0.451	5.5	

* 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.

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : 82X040225W.M
 Title : SW846 8260
 Last Update : Wed Apr 02 03:11:43 2025
 Response Via : Initial Calibration

Calibration Files

1 =VX045525.D 5 =VX045526.D 20 =VX045527.D 50 =VX045528.D 100 =VX045529.D 150 =VX045530.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.615	0.695	0.700	0.820	0.837	0.820	0.748	12.13
3) P	Chloromethane	0.764	0.734	0.777	0.784	0.815	0.734	0.768	4.05
4) C	Vinyl Chloride	0.671	0.662	0.701	0.716	0.738	0.730	0.703	4.43#
5) T	Bromomethane		0.342	0.327	0.330	0.341	0.327	0.333	2.20
6) T	Chloroethane	0.378	0.397	0.390	0.398	0.355	0.319	0.373	8.27
7) T	Trichlorofluor...	1.051	0.999	1.075	1.086	1.089	0.989	1.048	4.22
8) T	Diethyl Ether	0.345	0.340	0.356	0.355	0.358	0.357	0.352	2.11
9) T	1,1,2-Trichlor...	0.575	0.599	0.635	0.621	0.621	0.634	0.614	3.74
10) T	Methyl Iodide		0.705	0.789	0.799	0.788	0.750	0.766	5.08
11) T	Tert butyl alc...		0.111	0.124	0.127	0.128	0.124	0.123	5.44
12) CM	1,1-Dichloroet...	0.563	0.588	0.612	0.604	0.618	0.616	0.600	3.51#
13) T	Acrolein		0.176	0.161	0.167	0.170	0.172	0.169	3.41
14) T	Allyl chloride	1.092	1.068	1.142	1.172	1.199	1.160	1.139	4.36
15) T	Acrylonitrile	0.356	0.382	0.413	0.407	0.394	0.376	0.388	5.38
16) T	Acetone	0.400	0.369	0.387	0.378	0.365	0.355	0.375	4.28
17) T	Carbon Disulfide	1.334	1.327	1.434	1.553	1.604	1.642	1.483	9.24
18) T	Methyl Acetate	0.901	0.863	0.864	0.857	0.855	0.846	0.864	2.22
19) T	Methyl tert-bu...	1.915	1.964	2.169	2.118	2.217	2.216	2.100	6.20
20) T	Methylene Chlo...	0.692	0.695	0.726	0.709	0.705	0.690	0.703	1.96
21) T	trans-1,2-Dich...	0.574	0.594	0.636	0.624	0.621	0.630	0.613	3.94
22) T	Diisopropyl ether	2.003	2.120	2.329	2.293	2.359	2.357	2.243	6.59
23) T	Vinyl Acetate	1.542	1.693	2.005	2.087	2.147	2.156	1.938	13.34
24) P	1,1-Dichloroet...	1.211	1.240	1.318	1.269	1.283	1.292	1.269	3.01
25) T	2-Butanone	0.474	0.537	0.582	0.586	0.571	0.548	0.550	7.55
26) T	2,2-Dichloropr...	0.676	0.757	0.802	0.847	0.903	0.933	0.820	11.67
27) T	cis-1,2-Dichlo...	0.762	0.696	0.760	0.751	0.754	0.760	0.747	3.43
28) T	Bromochloromet...	0.671	0.608	0.617	0.596	0.610	0.576	0.613	5.18
29) T	Tetrahydrofuran	0.339	0.341	0.371	0.371	0.364	0.352	0.356	4.05
30) C	Chloroform	1.244	1.309	1.348	1.315	1.309	1.309	1.306	2.60#
31) T	Cyclohexane		1.044	1.148	1.123	1.145	1.149	1.122	4.00
32) T	1,1,1-Trichlor...	1.028	1.052	1.120	1.109	1.153	1.167	1.105	4.96
33) S	1,2-Dichloroet...		0.962	0.900	0.868	0.904	0.937	0.914	3.94
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.372	0.342	0.345	0.353	0.362	0.355	3.48
36) T	1,1-Dichloropr...	0.477	0.443	0.474	0.485	0.496	0.499	0.479	4.26
37) T	Ethyl Acetate	0.582	0.565	0.609	0.623	0.629	0.614	0.604	4.15
38) T	Carbon Tetrach...	0.450	0.497	0.521	0.536	0.545	0.556	0.518	7.49
39) T	Methylcyclohexane	0.519	0.527	0.596	0.622	0.628	0.632	0.587	8.76
40) TM	Benzene	1.414	1.416	1.519	1.481	1.483	1.465	1.463	2.81
41) T	Methacrylonitrile	0.252	0.276	0.338	0.351	0.350	0.343	0.318	13.52
42) TM	1,2-Dichloroet...	0.533	0.585	0.649	0.622	0.620	0.617	0.604	6.72
43) T	Isopropyl Acetate	0.735	0.831	0.952	0.978	1.002	0.991	0.915	11.77
44) TM	Trichloroethene	0.349	0.322	0.356	0.351	0.351	0.356	0.348	3.67
45) C	1,2-Dichloropr...	0.309	0.365	0.388	0.376	0.379	0.374	0.365	7.83#
46) T	Dibromomethane	0.237	0.287	0.297	0.292	0.286	0.282	0.280	7.76
47) T	Bromodichlorom...	0.521	0.519	0.576	0.571	0.587	0.583	0.560	5.56
48) T	Methyl methacr...	0.405	0.416	0.486	0.508	0.518	0.502	0.472	10.44
49) T	1,4-Dioxane	0.007	0.010	0.009	0.009	0.009	0.008	0.009	13.93
50) S	Toluene-d8		1.257	1.233	1.214	1.230	1.257	1.238	1.50
51) T	4-Methyl-2-Pen...	0.499	0.578	0.661	0.663	0.647	0.589	0.606	10.57
52) CM	Toluene	0.817	0.866	0.939	0.910	0.905	0.875	0.885	4.79#
53) T	t-1,3-Dichloro...	0.316	0.400	0.465	0.508	0.555	0.558	0.467	20.27
54) T	cis-1,3-Dichlo...	0.371	0.474	0.546	0.568	0.597	0.600	0.526	16.88
55) T	1,1,2-Trichlor...	0.337	0.346	0.376	0.359	0.358	0.340	0.353	4.11
56) T	Ethyl methacry...	0.407	0.482	0.562	0.600	0.629	0.595	0.546	15.54

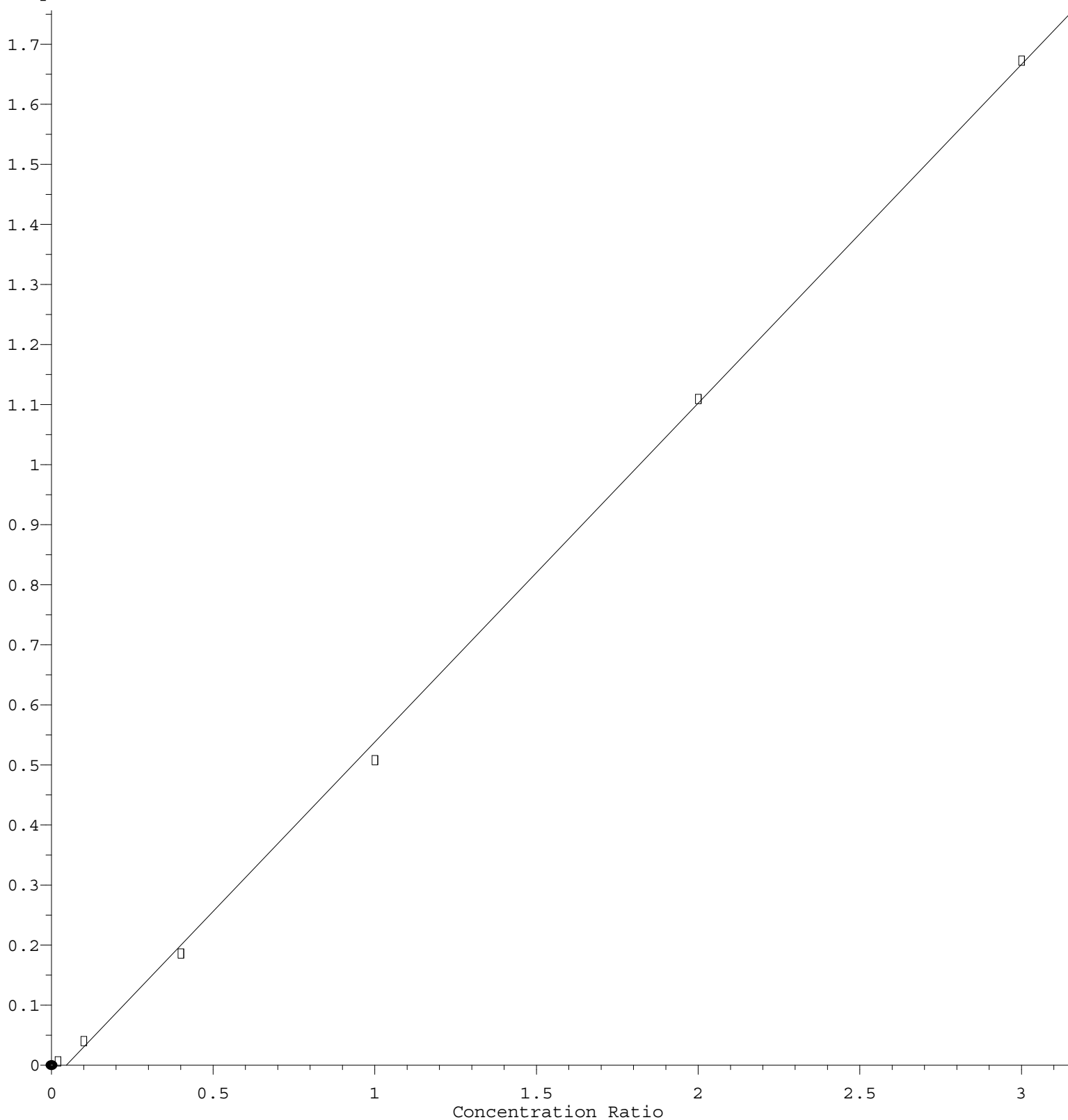
Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : 82X040225W.M

57)	T	1,3-Dichloropr...	0.555	0.614	0.652	0.633	0.630	0.601	0.614	5.49
58)	T	2-Chloroethyl ...	0.221	0.257	0.286	0.298	0.301	0.293	0.276	11.26
59)	T	2-Hexanone	0.363	0.429	0.488	0.492	0.484	0.439	0.449	11.14
60)	T	Dibromochlorom...	0.313	0.352	0.404	0.412	0.421	0.405	0.385	11.06
61)	T	1,2-Dibromoethane	0.294	0.351	0.380	0.373	0.380	0.364	0.357	9.12
62)	S	4-Bromofluorob...		0.413	0.448	0.453	0.481	0.460	0.451	5.45
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.346	0.373	0.371	0.347	0.333	0.347	0.353	4.47
65)	PM	Chlorobenzene	0.951	1.054	1.123	1.084	1.086	1.112	1.068	5.83
66)	T	1,1,1,2-Tetrac...	0.368	0.344	0.372	0.373	0.379	0.390	0.371	4.18
67)	C	Ethyl Benzene	1.608	1.819	2.002	2.007	1.993	2.053	1.914	8.89#
68)	T	m/p-Xylenes	0.594	0.669	0.732	0.728	0.723	0.729	0.696	7.92
69)	T	o-Xylene	0.562	0.676	0.725	0.719	0.716	0.714	0.686	9.17
70)	T	Styrene	0.897	1.043	1.202	1.216	1.230	1.202	1.132	11.82
71)	P	Bromoform	0.220	0.252	0.272	0.296	0.307	0.315	0.277	13.07
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.581	3.850	4.224	4.181	4.043	4.151	4.005	6.17
74)	T	N-amyl acetate	1.442	1.682	1.960	2.058	2.132	2.221	1.916	15.51
75)	P	1,1,2,2-Tetrac...	1.457	1.428	1.461	1.384	1.354	1.358	1.407	3.43
76)	T	1,2,3-Trichlor...	1.221	1.257	1.251	1.225	1.192	1.171	1.220	2.71
77)	T	Bromobenzene	0.877	0.927	0.953	0.938	0.925	0.932	0.925	2.77
78)	T	n-propylbenzene	3.734	4.346	5.012	4.896	4.819	4.872	4.613	10.59
79)	T	2-Chlorotoluene	2.894	2.873	3.130	2.966	2.915	2.918	2.949	3.19
80)	T	1,3,5-Trimethy...	2.931	3.119	3.571	3.511	3.367	3.371	3.312	7.35
81)	T	trans-1,4-Dich...		0.274	0.323	0.371	0.401	0.428	0.359	17.16
82)	T	4-Chlorotoluene	2.961	3.156	3.470	3.449	3.350	3.343	3.288	5.93
83)	T	tert-Butylbenzene	2.894	3.124	3.437	3.427	3.387	3.405	3.279	6.78
84)	T	1,2,4-Trimethy...	2.906	3.129	3.529	3.523	3.438	3.420	3.324	7.57
85)	T	sec-Butylbenzene	3.195	3.828	4.316	4.300	4.232	4.292	4.027	11.12
86)	T	p-Isopropyltol...	2.734	3.157	3.515	3.524	3.506	3.484	3.320	9.63
87)	T	1,3-Dichlorobe...	1.658	1.605	1.726	1.699	1.714	1.706	1.684	2.70
88)	T	1,4-Dichlorobe...	1.671	1.724	1.768	1.703	1.674	1.706	1.708	2.09
89)	T	n-Butylbenzene	2.117	2.486	2.974	3.160	3.256	3.283	2.879	16.50
90)	T	Hexachloroethane	0.493	0.493	0.556	0.597	0.623	0.661	0.571	12.14
91)	T	1,2-Dichlorobe...	1.644	1.645	1.750	1.678	1.665	1.667	1.675	2.34
92)	T	1,2-Dibromo-3-...	0.196	0.260	0.312	0.316	0.333	0.349	0.294	19.37
93)	T	1,2,4-Trichlor...	0.727	0.844	0.948	0.947	1.045	1.083	0.932	14.07
94)	T	Hexachlorobuta...	0.379	0.389	0.401	0.404	0.415	0.422	0.402	4.03
95)	T	Naphthalene	2.544	3.070	3.630	3.722	3.867	3.982	3.469	15.93
96)	T	1,2,3-Trichlor...	0.782	0.916	0.999	1.000	1.063	1.097	0.976	11.63

(#) = Out of Range

t-1,3-Dichloropropene

Response Ratio



$$\text{Response} = 5.639\text{e-}001 * \text{Amt} - 2.582\text{e-}002$$

Coef of Det (r^2) = 0.999232 Curve Fit: Linear

Method Name: Z:\voasrv\HPCHEM1\MSVOA X\Method\82X040225W.M

Calibration Table Last Updated: Wed Apr 02 03:11:43 2025

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
 Data File : VX045525.D
 Acq On : 01 Apr 2025 17:06
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 04/02/2025
 Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 02:50:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 02:44:48 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	96737	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	175266	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	153312	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	61114	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	1189	0.822	ug/l	94
3) Chloromethane	1.307	50	1479	0.995	ug/l #	86
4) Vinyl Chloride	1.374	62	1299	0.955	ug/l	98
6) Chloroethane	1.673	64	732	1.014	ug/l #	67
7) Trichlorofluoromethane	1.880	101	2034	1.003	ug/l	93
8) Diethyl Ether	2.130	74	668	0.981	ug/l	83
9) 1,1,2-Trichlorotrifluo...	2.325	101	1113	0.936	ug/l	94
12) 1,1-Dichloroethene	2.313	96	1090	0.939	ug/l	95
14) Allyl chloride	2.660	41	2113	0.959	ug/l	93
15) Acrylonitrile	3.075	53	3446	4.592	ug/l	95
16) Acetone	2.380	43	3867	5.323	ug/l	98
17) Carbon Disulfide	2.508	76	2580	0.899	ug/l #	95
18) Methyl Acetate	2.703	43	1744	1.043	ug/l	91
19) Methyl tert-butyl Ether	3.117	73	3705	0.912	ug/l	92
20) Methylene Chloride	2.782	84	1338	0.984	ug/l	91
21) trans-1,2-Dichloroethene	3.087	96	1111	0.936	ug/l #	93
22) Diisopropyl ether	3.758	45	3875	0.893	ug/l #	59
23) Vinyl Acetate	3.727	43	14921	3.979	ug/l	95
24) 1,1-Dichloroethane	3.611	63	2343	0.954	ug/l #	90
25) 2-Butanone	4.581	43	4590	4.317	ug/l	92
26) 2,2-Dichloropropane	4.471	77	1307	0.824	ug/l	85
27) cis-1,2-Dichloroethene	4.495	96	1475	1.020	ug/l	80
28) Bromochloromethane	4.891	49	1298	1.094	ug/l #	97
29) Tetrahydrofuran	5.032	42	3276	4.752	ug/l	97
30) Chloroform	5.093	83	2406	0.953	ug/l	84
32) 1,1,1-Trichloroethane	5.385	97	1989	0.931	ug/l #	53
36) 1,1-Dichloropropene	5.696	75	1671	0.995	ug/l #	89
37) Ethyl Acetate	4.751	43	2040	0.964	ug/l #	76
38) Carbon Tetrachloride	5.672	117	1578	0.870	ug/l #	91
39) Methylcyclohexane	7.379	83	1818	0.883	ug/l #	89
40) Benzene	6.038	78	4957	0.967	ug/l	97
41) Methacrylonitrile	4.952	41	883m	0.784	ug/l	
42) 1,2-Dichloroethane	6.092	62	1867	0.882	ug/l	86
43) Isopropyl Acetate	6.361	43	2578	0.804	ug/l #	86
44) Trichloroethene	7.123	130	1224	1.004	ug/l	87
45) 1,2-Dichloropropane	7.434	63	1082	0.846	ug/l	90

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
 Data File : VX045525.D
 Acq On : 01 Apr 2025 17:06
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 04/02/2025
 Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 02:50:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 02:44:48 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	7.592	93	831	0.846	ug/l	90
47) Bromodichloromethane	7.824	83	1827	0.931	ug/l #	77
48) Methyl methacrylate	7.720	41	1419	0.857	ug/l	92
49) 1,4-Dioxane	7.671	88	458m	15.288	ug/l	
51) 4-Methyl-2-Pentanone	8.574	43	8746	4.114	ug/l	100
52) Toluene	8.720	92	2863	0.923	ug/l	96
53) t-1,3-Dichloropropene	8.988	75	1109	2.850	ug/l	93
54) cis-1,3-Dichloropropene	8.379	75	1300	0.705	ug/l	90
55) 1,1,2-Trichloroethane	9.159	97	1183	0.957	ug/l #	76
56) Ethyl methacrylate	9.129	69	1425m	0.745	ug/l	
57) 1,3-Dichloropropane	9.311	76	1946	0.904	ug/l	91
58) 2-Chloroethyl Vinyl ether	8.245	63	3880	4.008	ug/l	93
59) 2-Hexanone	9.439	43	6360	4.040	ug/l	85
60) Dibromochloromethane	9.519	129	1097	0.814	ug/l	99
61) 1,2-Dibromoethane	9.610	107	1032	0.825	ug/l	96
64) Tetrachloroethene	9.269	164	1062	0.981	ug/l	92
65) Chlorobenzene	10.080	112	2916	0.890	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.159	131	1128	0.992	ug/l #	64
67) Ethyl Benzene	10.195	91	4930	0.840	ug/l	90
68) m/p-Xylenes	10.305	106	3645	1.708	ug/l	97
69) o-Xylene	10.640	106	1724	0.820	ug/l	83
70) Styrene	10.659	104	2750	0.793	ug/l	94
71) Bromoform	10.805	173	675	0.795	ug/l #	94
73) Isopropylbenzene	10.964	105	4377	0.894	ug/l	95
74) N-amyl acetate	10.854	43	1762	0.752	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	11.214	83	1781	1.036	ug/l	94
76) 1,2,3-Trichloropropane	11.244	75	1493m	1.002	ug/l	
77) Bromobenzene	11.201	156	1072	0.948	ug/l	95
78) n-propylbenzene	11.305	91	4564	0.809	ug/l	97
79) 2-Chlorotoluene	11.366	91	3537	0.981	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	3582	0.885	ug/l	100
82) 4-Chlorotoluene	11.457	91	3619	0.900	ug/l	96
83) tert-Butylbenzene	11.713	119	3537	0.883	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	3552	0.874	ug/l	99
85) sec-Butylbenzene	11.890	105	3905	0.793	ug/l	98
86) p-Isopropyltoluene	12.012	119	3342	0.824	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	2026	0.984	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	2042m	0.978	ug/l	
89) n-Butylbenzene	12.335	91	2587	0.735	ug/l	99
90) Hexachloroethane	12.543	117	602	0.863	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	2009	0.981	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	12.945	75	239	0.665	ug/l #	73
93) 1,2,4-Trichlorobenzene	13.591	180	888	0.779	ug/l	94
94) Hexachlorobutadiene	13.725	225	463	0.943	ug/l	90
95) Naphthalene	13.780	128	3109	0.733	ug/l	99
96) 1,2,3-Trichlorobenzene	13.969	180	956	0.801	ug/l	88

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

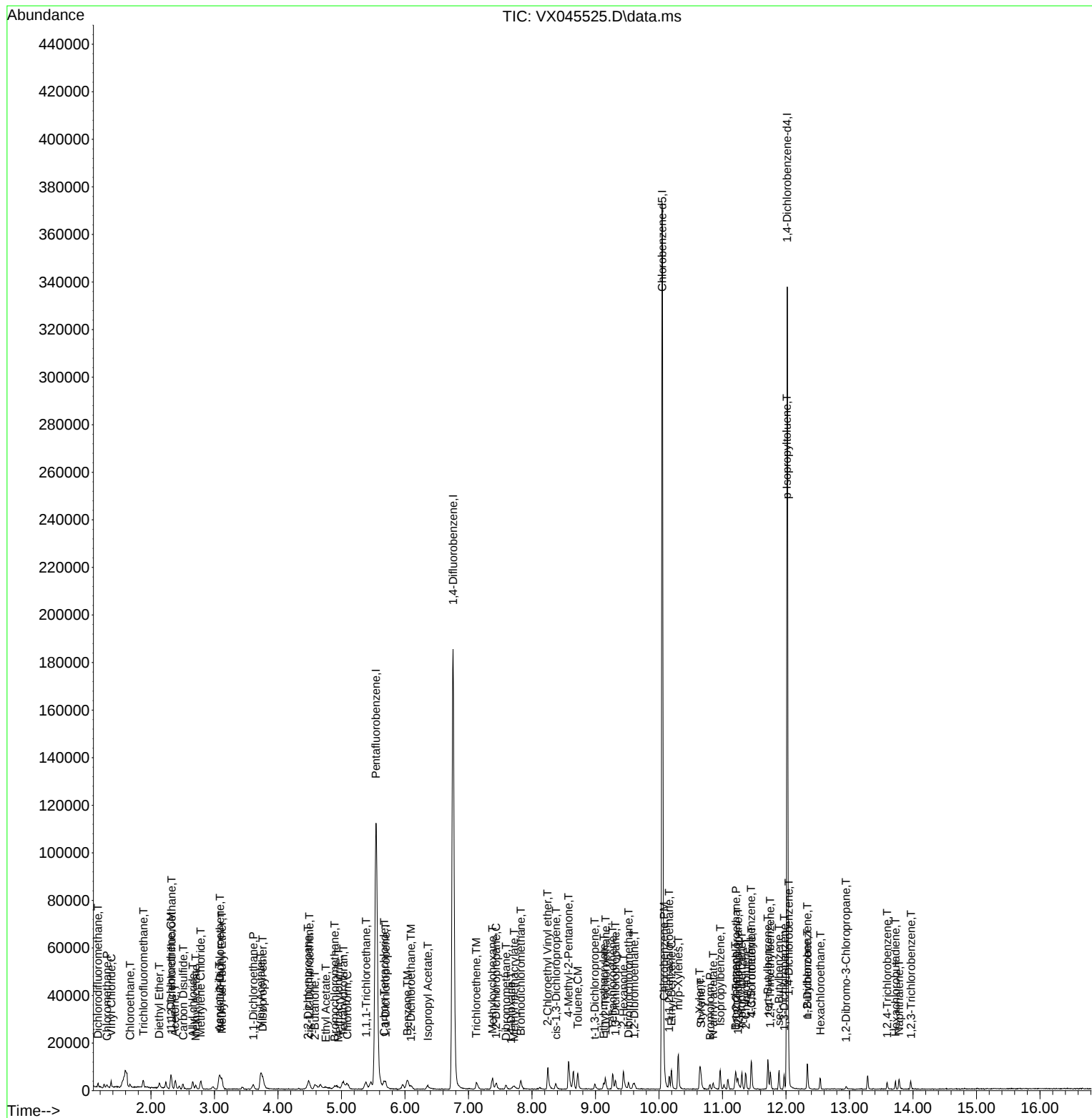
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Data File : VX045525.D
Acq On : 01 Apr 2025 17:06
Operator : JC/MD
Sample : VSTDIC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 02:50:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
 Data File : VX045526.D
 Acq On : 01 Apr 2025 17:29
 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 :Amit Patel 04/02/2025
 Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 02:51:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 02:44:48 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	93234	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	166137	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	143937	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	63909	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	8969	5.260	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	10.520%#		
35) Dibromofluoromethane	5.391	113	6181	5.244	ug/l	0.01
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.480%#		
50) Toluene-d8	8.647	98	20890	5.077	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	10.160%#		
62) 4-Bromofluorobenzene	11.079	95	6867	4.582	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	9.160%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	6482	4.649	ug/l	91
3) Chloromethane	1.307	50	6846	4.779	ug/l	99
4) Vinyl Chloride	1.374	62	6169	4.706	ug/l	100
5) Bromomethane	1.593	94	3185	5.124	ug/l	90
6) Chloroethane	1.666	64	3703	5.324	ug/l	96
7) Trichlorofluoromethane	1.874	101	9316	4.766	ug/l	94
8) Diethyl Ether	2.136	74	3171	4.832	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.325	101	5589	4.879	ug/l	99
10) Methyl Iodide	2.447	142	6574	4.601	ug/l	97
11) Tert butyl alcohol	2.983	59	5186	22.633	ug/l	99
12) 1,1-Dichloroethene	2.313	96	5485	4.901	ug/l	90
13) Acrolein	2.239	56	8202	25.993	ug/l	97
14) Allyl chloride	2.654	41	9960	4.690	ug/l	95
15) Acrylonitrile	3.069	53	17811	24.624	ug/l	97
16) Acetone	2.386	43	17188	24.550	ug/l	99
17) Carbon Disulfide	2.502	76	12376	4.477	ug/l #	93
18) Methyl Acetate	2.703	43	8042	4.989	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	18314	4.677	ug/l	100
20) Methylene Chloride	2.782	84	6481	4.945	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	5534	4.840	ug/l	95
22) Diisopropyl ether	3.764	45	19765	4.725	ug/l #	82
23) Vinyl Acetate	3.721	43	78907	21.831	ug/l	98
24) 1,1-Dichloroethane	3.605	63	11562	4.887	ug/l	98
25) 2-Butanone	4.574	43	25026	24.419	ug/l	99
26) 2,2-Dichloropropane	4.477	77	7054	4.615	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	6485	4.655	ug/l	95
28) Bromochloromethane	4.898	49	5666	4.956	ug/l	95
29) Tetrahydrofuran	5.013	42	15913	23.950	ug/l	100
30) Chloroform	5.087	83	12200	5.012	ug/l	99
31) Cyclohexane	5.465	56	9731	4.653	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	9811	4.763	ug/l	99
36) 1,1-Dichloropropene	5.690	75	7354	4.621	ug/l	98
37) Ethyl Acetate	4.721	43	9384	4.679	ug/l #	91
38) Carbon Tetrachloride	5.666	117	8264	4.804	ug/l	99
39) Methylcyclohexane	7.379	83	8757	4.489	ug/l	95
40) Benzene	6.038	78	23522	4.839	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
 Data File : VX045526.D
 Acq On : 01 Apr 2025 17:29
 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 :Amit Patel 04/02/2025
 Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 02:51:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 02:44:48 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	4593	4.302	ug/l	92
42) 1,2-Dichloroethane	6.092	62	9713	4.838	ug/l	100
43) Isopropyl Acetate	6.348	43	13803	4.541	ug/l	97
44) Trichloroethene	7.129	130	5355	4.635	ug/l	99
45) 1,2-Dichloropropane	7.434	63	6060	4.997	ug/l	99
46) Dibromomethane	7.580	93	4767	5.120	ug/l	99
47) Bromodichloromethane	7.818	83	8619	4.636	ug/l #	97
48) Methyl methacrylate	7.696	41	6908	4.401	ug/l	98
49) 1,4-Dioxane	7.665	88	3205	112.864	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	48050	23.844	ug/l	97
52) Toluene	8.714	92	14391	4.893	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	6643	5.834	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	7873	4.506	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	5741	4.898	ug/l	90
56) Ethyl methacrylate	9.116	69	8012	4.417	ug/l	95
57) 1,3-Dichloropropane	9.305	76	10208	5.002	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	21382	23.302	ug/l	99
59) 2-Hexanone	9.433	43	35628	23.875	ug/l	99
60) Dibromochloromethane	9.519	129	5855	4.582	ug/l	99
61) 1,2-Dibromoethane	9.610	107	5837	4.920	ug/l	98
64) Tetrachloroethene	9.275	164	5373	5.287	ug/l	93
65) Chlorobenzene	10.073	112	15178	4.935	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.159	131	4945	4.631	ug/l	97
67) Ethyl Benzene	10.195	91	26180	4.753	ug/l	97
68) m/p-Xylenes	10.299	106	19268	9.617	ug/l	99
69) o-Xylene	10.640	106	9735	4.932	ug/l	99
70) Styrene	10.653	104	15017	4.610	ug/l	96
71) Bromoform	10.799	173	3634	4.558	ug/l #	95
73) Isopropylbenzene	10.964	105	24604	4.806	ug/l	100
74) N-amyl acetate	10.848	43	10750	4.390	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	9127	5.075	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	8032m	5.152	ug/l	
77) Bromobenzene	11.195	156	5927	5.011	ug/l	97
78) n-propylbenzene	11.305	91	27777	4.711	ug/l	98
79) 2-Chlorotoluene	11.360	91	18358	4.870	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	19936	4.710	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	1752	3.814	ug/l	85
82) 4-Chlorotoluene	11.457	91	20171	4.799	ug/l	99
83) tert-Butylbenzene	11.713	119	19962	4.763	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	19998	4.707	ug/l	99
85) sec-Butylbenzene	11.890	105	24465	4.753	ug/l	100
86) p-Isopropyltoluene	12.006	119	20178	4.755	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	10255	4.763	ug/l	98
88) 1,4-Dichlorobenzene	12.036	146	11016	5.047	ug/l	93
89) n-Butylbenzene	12.329	91	15887	4.317	ug/l	98
90) Hexachloroethane	12.536	117	3151	4.320	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	10510	4.910	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	1661	4.417	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	5391	4.524	ug/l	95
94) Hexachlorobutadiene	13.719	225	2483	4.836	ug/l	98
95) Naphthalene	13.774	128	19618	4.424	ug/l	97
96) 1,2,3-Trichlorobenzene	13.957	180	5854	4.692	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045526.D
Acq On : 01 Apr 2025 17:29
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 :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 02:51:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

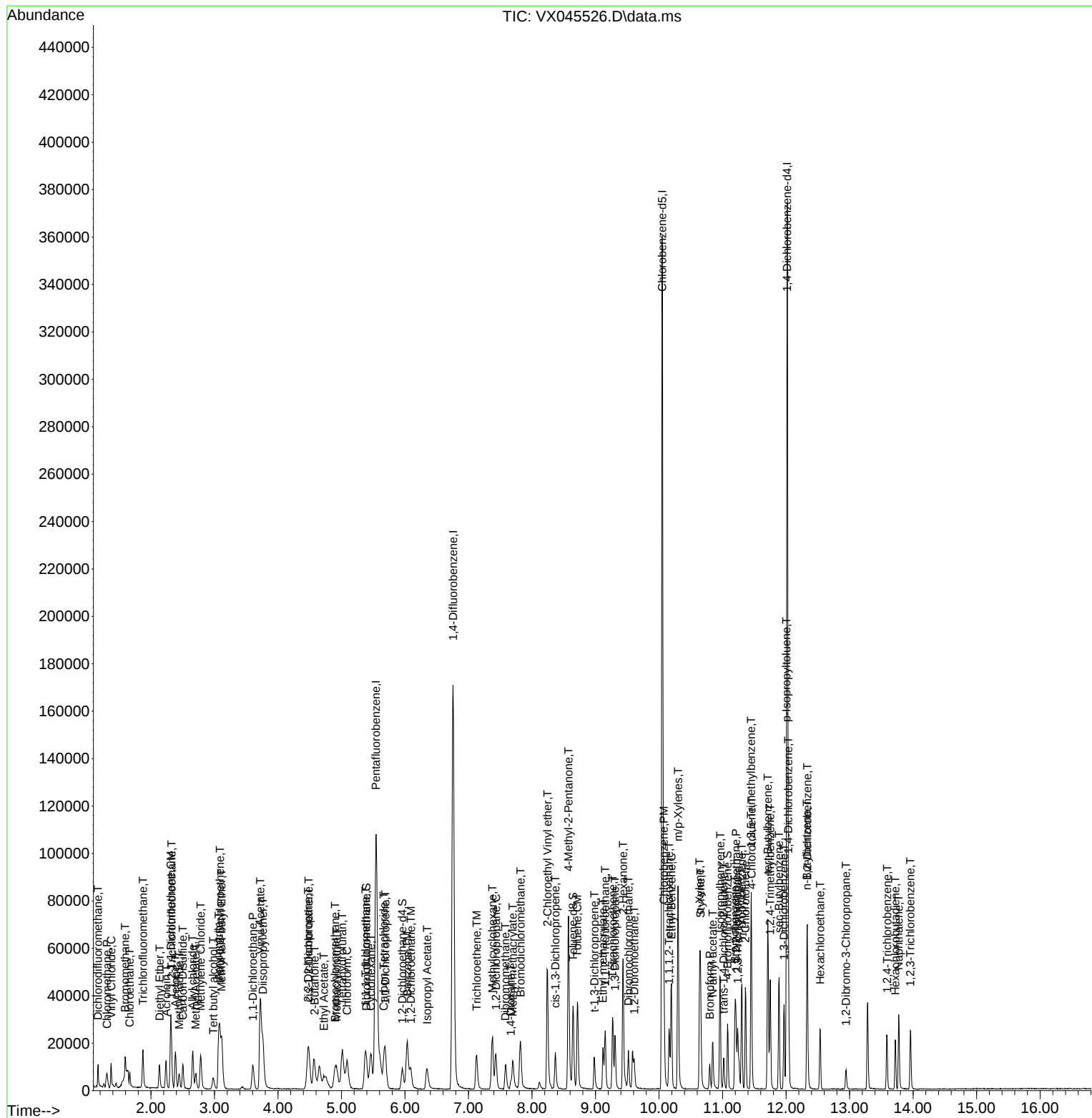
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045526.D
Acq On : 01 Apr 2025 17:29
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 02:51:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
 Data File : VX045527.D
 Acq On : 01 Apr 2025 17:52
 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 :Amit Patel 04/02/2025
 Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 02:52:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 02:44:48 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	90228	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	160754	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	144087	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	65341	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	32500	19.697	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	39.400%#		
35) Dibromofluoromethane	5.385	113	21963	19.256	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	38.520%#		
50) Toluene-d8	8.647	98	79303	19.921	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	39.840%#		
62) 4-Bromofluorobenzene	11.079	95	28795	19.858	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	39.720%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	25265	18.724	ug/l	97
3) Chloromethane	1.301	50	28034	20.223	ug/l	98
4) Vinyl Chloride	1.374	62	25285	19.931	ug/l	97
5) Bromomethane	1.593	94	11815	19.642	ug/l	99
6) Chloroethane	1.666	64	14071	20.905	ug/l	98
7) Trichlorofluoromethane	1.874	101	38815	20.518	ug/l	98
8) Diethyl Ether	2.136	74	12852	20.235	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	22917	20.673	ug/l	95
10) Methyl Iodide	2.441	142	28478	20.596	ug/l	99
11) Tert butyl alcohol	2.983	59	22453	101.253	ug/l	100
12) 1,1-Dichloroethene	2.306	96	22103	20.406	ug/l	96
13) Acrolein	2.239	56	28991	94.938	ug/l	99
14) Allyl chloride	2.660	41	41233	20.063	ug/l	99
15) Acrylonitrile	3.062	53	74487	106.412	ug/l	98
16) Acetone	2.386	43	69788	103.000	ug/l	99
17) Carbon Disulfide	2.502	76	51771	19.352	ug/l	98
18) Methyl Acetate	2.703	43	31190	19.994	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	78284	20.660	ug/l	96
20) Methylene Chloride	2.782	84	26212	20.664	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	22968	20.755	ug/l	92
22) Diisopropyl ether	3.757	45	84046	20.760	ug/l #	81
23) Vinyl Acetate	3.721	43	361881	103.458	ug/l	99
24) 1,1-Dichloroethane	3.605	63	47560	20.772	ug/l	99
25) 2-Butanone	4.556	43	105062	105.931	ug/l	99
26) 2,2-Dichloropropane	4.471	77	28956	19.574	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	27425	20.342	ug/l	98
28) Bromochloromethane	4.897	49	22285	20.141	ug/l	100
29) Tetrahydrofuran	5.007	42	66994	104.187	ug/l	99
30) Chloroform	5.093	83	48639	20.646	ug/l	100
31) Cyclohexane	5.458	56	41450	20.478	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	40407	20.270	ug/l	99
36) 1,1-Dichloropropene	5.684	75	30504	19.808	ug/l	98
37) Ethyl Acetate	4.715	43	39163	20.180	ug/l	98
38) Carbon Tetrachloride	5.672	117	33533	20.148	ug/l	94
39) Methylcyclohexane	7.373	83	38303	20.291	ug/l	97
40) Benzene	6.031	78	97667	20.766	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
 Data File : VX045527.D
 Acq On : 01 Apr 2025 17:52
 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 :Amit Patel 04/02/2025
 Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 02:52:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 02:44:48 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	21740	21.046	ug/l	97
42) 1,2-Dichloroethane	6.086	62	41733	21.484	ug/l	100
43) Isopropyl Acetate	6.342	43	61222	20.814	ug/l	99
44) Trichloroethene	7.123	130	22918	20.501	ug/l	97
45) 1,2-Dichloropropane	7.428	63	24926	21.241	ug/l	90
46) Dibromomethane	7.580	93	19104	21.207	ug/l	99
47) Bromodichloromethane	7.818	83	37036	20.587	ug/l	99
48) Methyl methacrylate	7.696	41	31247	20.575	ug/l	99
49) 1,4-Dioxane	7.659	88	12104	440.515	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	212645	109.055	ug/l	99
52) Toluene	8.714	92	60357	21.208	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	29870	18.764	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	35099	20.762	ug/l	95
55) 1,1,2-Trichloroethane	9.147	97	24191	21.331	ug/l	96
56) Ethyl methacrylate	9.116	69	36155	20.600	ug/l	99
57) 1,3-Dichloropropane	9.305	76	41900	21.217	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	91923	103.534	ug/l	100
59) 2-Hexanone	9.427	43	156999	108.730	ug/l	99
60) Dibromochloromethane	9.519	129	25992	21.023	ug/l	98
61) 1,2-Dibromoethane	9.604	107	24456	21.303	ug/l	99
64) Tetrachloroethene	9.269	164	21379	21.015	ug/l	98
65) Chlorobenzene	10.079	112	64727	21.023	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	21447	20.064	ug/l	98
67) Ethyl Benzene	10.189	91	115368	20.921	ug/l	99
68) m/p-Xylenes	10.299	106	84420	42.092	ug/l	99
69) o-Xylene	10.640	106	41803	21.158	ug/l	100
70) Styrene	10.653	104	69290	21.249	ug/l	99
71) Bromoform	10.799	173	15659	19.619	ug/l #	99
73) Isopropylbenzene	10.957	105	110396	21.093	ug/l	100
74) N-amyl acetate	10.842	43	51238	20.466	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	38177	20.764	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	32690m	20.510	ug/l	
77) Bromobenzene	11.195	156	24902	20.592	ug/l	100
78) n-propylbenzene	11.299	91	130994	21.729	ug/l	98
79) 2-Chlorotoluene	11.360	91	81817	21.229	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	93328	21.564	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	8435	17.961	ug/l	88
82) 4-Chlorotoluene	11.451	91	90704	21.108	ug/l	99
83) tert-Butylbenzene	11.713	119	89828	20.964	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	92242	21.235	ug/l	100
85) sec-Butylbenzene	11.890	105	112800	21.433	ug/l	100
86) p-Isopropyltoluene	12.006	119	91866	21.173	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	45105	20.490	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	46208	20.706	ug/l	99
89) n-Butylbenzene	12.329	91	77739	20.662	ug/l	100
90) Hexachloroethane	12.536	117	14544	19.505	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	45732	20.896	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	8153	21.203	ug/l	100
93) 1,2,4-Trichlorobenzene	13.585	180	24787	20.347	ug/l	98
94) Hexachlorobutadiene	13.725	225	10488	19.979	ug/l	97
95) Naphthalene	13.774	128	94875	20.928	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	26113	20.471	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045527.D
Acq On : 01 Apr 2025 17:52
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 :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 02:52:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

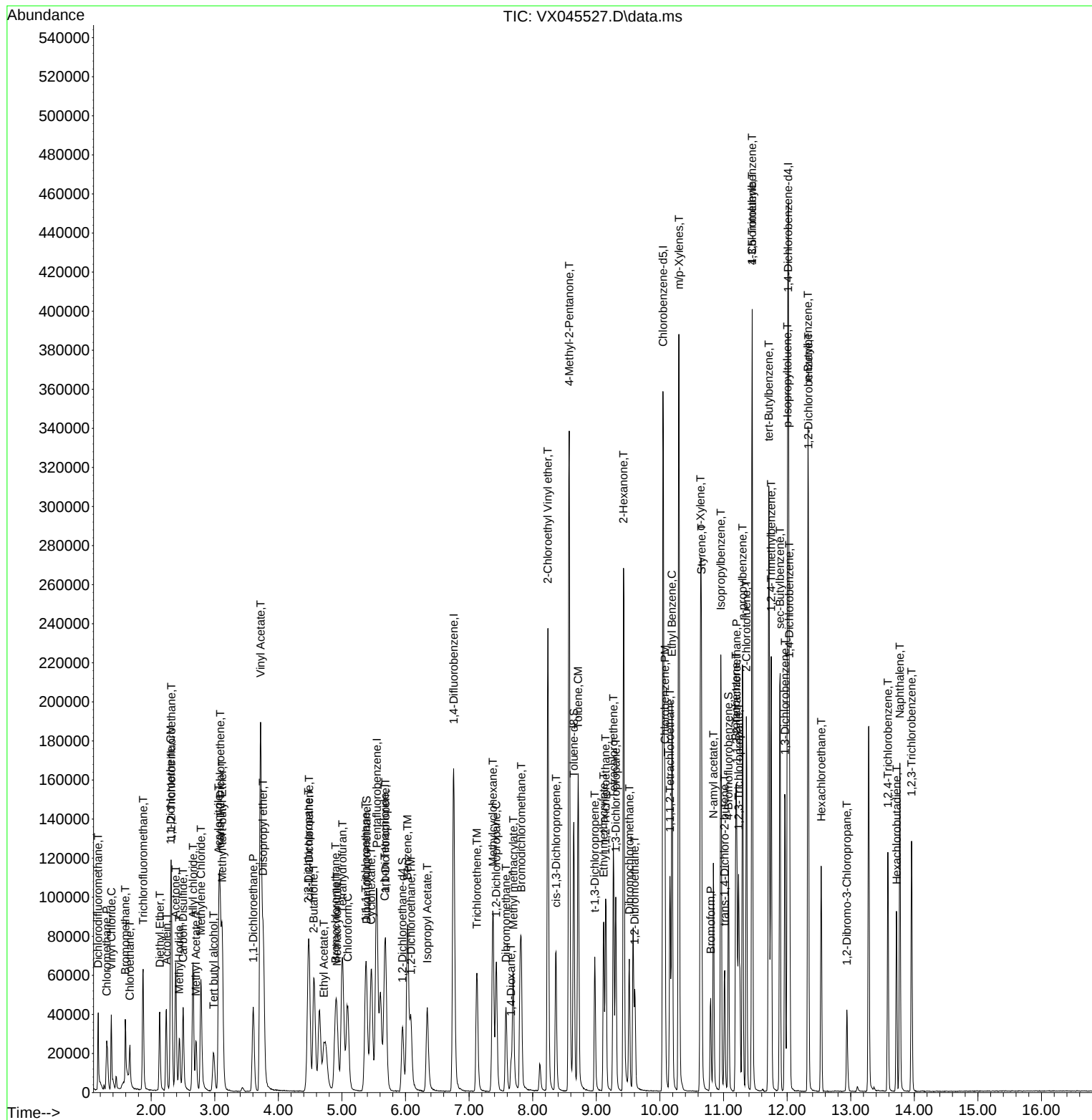
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045527.D
Acq On : 01 Apr 2025 17:52
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 02:52:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
 Data File : VX045528.D
 Acq On : 01 Apr 2025 18:15
 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 :Amit Patel 04/02/2025
 Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 02:53:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 02:44:48 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	95658	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	168287	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	150201	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	68786	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	83054	47.477	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.960%		
35) Dibromofluoromethane	5.379	113	58108	48.667	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.340%		
50) Toluene-d8	8.647	98	204338	49.031	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.060%		
62) 4-Bromofluorobenzene	11.079	95	76190	50.190	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	100.380%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	78444	54.834	ug/l	100
3) Chloromethane	1.307	50	75032	51.054	ug/l	100
4) Vinyl Chloride	1.374	62	68516	50.942	ug/l	100
5) Bromomethane	1.593	94	31584	49.526	ug/l	100
6) Chloroethane	1.666	64	38112	53.409	ug/l	100
7) Trichlorofluoromethane	1.874	101	103888	51.798	ug/l	100
8) Diethyl Ether	2.136	74	33953	50.424	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.325	101	59431	50.569	ug/l	100
10) Methyl Iodide	2.447	142	76404	52.121	ug/l	100
11) Tert butyl alcohol	2.977	59	60610	257.809	ug/l	100
12) 1,1-Dichloroethene	2.313	96	57738	50.278	ug/l	100
13) Acrolein	2.239	56	79989	247.074	ug/l	100
14) Allyl chloride	2.660	41	112085	51.441	ug/l	100
15) Acrylonitrile	3.062	53	194445	262.015	ug/l	100
16) Acetone	2.386	43	180563	251.366	ug/l	100
17) Carbon Disulfide	2.508	76	148601	52.393	ug/l	100
18) Methyl Acetate	2.703	43	82000	49.581	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	202582	50.429	ug/l	100
20) Methylene Chloride	2.782	84	67855	50.457	ug/l	100
21) trans-1,2-Dichloroethene	3.087	96	59696	50.882	ug/l	100
22) Diisopropyl ether	3.764	45	219374	51.111	ug/l	100
23) Vinyl Acetate	3.721	43	998064	269.139	ug/l	100
24) 1,1-Dichloroethane	3.605	63	121348	49.992	ug/l	100
25) 2-Butanone	4.556	43	280076	266.363	ug/l	100
26) 2,2-Dichloropropane	4.471	77	81054	51.683	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	71871	50.282	ug/l	100
28) Bromochloromethane	4.897	49	57046	48.632	ug/l	100
29) Tetrahydrofuran	5.001	42	177402	260.230	ug/l	100
30) Chloroform	5.086	83	125797	50.366	ug/l	100
31) Cyclohexane	5.464	56	107407	50.052	ug/l	100
32) 1,1,1-Trichloroethane	5.379	97	106062	50.184	ug/l	100
36) 1,1-Dichloropropene	5.684	75	81607	50.620	ug/l	100
37) Ethyl Acetate	4.715	43	104896	51.632	ug/l	100
38) Carbon Tetrachloride	5.672	117	90247	51.797	ug/l	100
39) Methylcyclohexane	7.373	83	104678	52.970	ug/l	100
40) Benzene	6.031	78	249161	50.605	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
 Data File : VX045528.D
 Acq On : 01 Apr 2025 18:15
 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 :Amit Patel 04/02/2025
 Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 02:53:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 02:44:48 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	59068	54.623	ug/l	100
42) 1,2-Dichloroethane	6.080	62	104601	51.437	ug/l	100
43) Isopropyl Acetate	6.336	43	164588	53.452	ug/l	100
44) Trichloroethene	7.123	130	59042	50.452	ug/l	100
45) 1,2-Dichloropropane	7.427	63	63316	51.540	ug/l	100
46) Dibromomethane	7.574	93	49125	52.092	ug/l	100
47) Bromodichloromethane	7.818	83	96176	51.068	ug/l	100
48) Methyl methacrylate	7.690	41	85483	53.768	ug/l	100
49) 1,4-Dioxane	7.659	88	31199	1084.635	ug/l	100
51) 4-Methyl-2-Pentanone	8.574	43	558029	273.375	ug/l	100
52) Toluene	8.714	92	153143	51.402	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	85462	47.317	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	95524	53.975	ug/l	100
55) 1,1,2-Trichloroethane	9.147	97	60452	50.919	ug/l	100
56) Ethyl methacrylate	9.116	69	100998	54.970	ug/l	100
57) 1,3-Dichloropropane	9.305	76	106580	51.554	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	250428	269.434	ug/l	100
59) 2-Hexanone	9.427	43	413824	273.765	ug/l	100
60) Dibromochloromethane	9.519	129	69258	53.511	ug/l	100
61) 1,2-Dibromoethane	9.604	107	62812	52.264	ug/l	100
64) Tetrachloroethene	9.269	164	52155	49.181	ug/l	100
65) Chlorobenzene	10.073	112	162829	50.733	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	55974	50.233	ug/l	100
67) Ethyl Benzene	10.189	91	301481	52.447	ug/l	100
68) m/p-Xylenes	10.299	106	218702	104.606	ug/l	100
69) o-Xylene	10.640	106	108028	52.452	ug/l	100
70) Styrene	10.653	104	182620	53.723	ug/l	100
71) Bromoform	10.799	173	44397	53.361	ug/l #	100
73) Isopropylbenzene	10.957	105	287628	52.203	ug/l	100
74) N-amyl acetate	10.842	43	141589	53.721	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	95200	49.185	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	84279m	50.230	ug/l	
77) Bromobenzene	11.195	156	64527	50.686	ug/l	100
78) n-propylbenzene	11.299	91	336796	53.069	ug/l	100
79) 2-Chlorotoluene	11.360	91	203994	50.279	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	241536	53.013	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	25488	51.556	ug/l	100
82) 4-Chlorotoluene	11.451	91	237213	52.439	ug/l	100
83) tert-Butylbenzene	11.713	119	235715	52.256	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	242301	52.986	ug/l	100
85) sec-Butylbenzene	11.890	105	295799	53.391	ug/l	100
86) p-Isopropyltoluene	12.006	119	242416	53.073	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	116890	50.441	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	117164	49.871	ug/l	100
89) n-Butylbenzene	12.329	91	217345	54.874	ug/l	100
90) Hexachloroethane	12.536	117	41095	52.352	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	115426	50.099	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	21712	53.638	ug/l	100
93) 1,2,4-Trichlorobenzene	13.585	180	65145	50.797	ug/l	100
94) Hexachlorobutadiene	13.719	225	27795	50.296	ug/l	100
95) Naphthalene	13.774	128	256009	53.643	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	68781	51.219	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045528.D
Acq On : 01 Apr 2025 18:15
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 :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 02:53:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

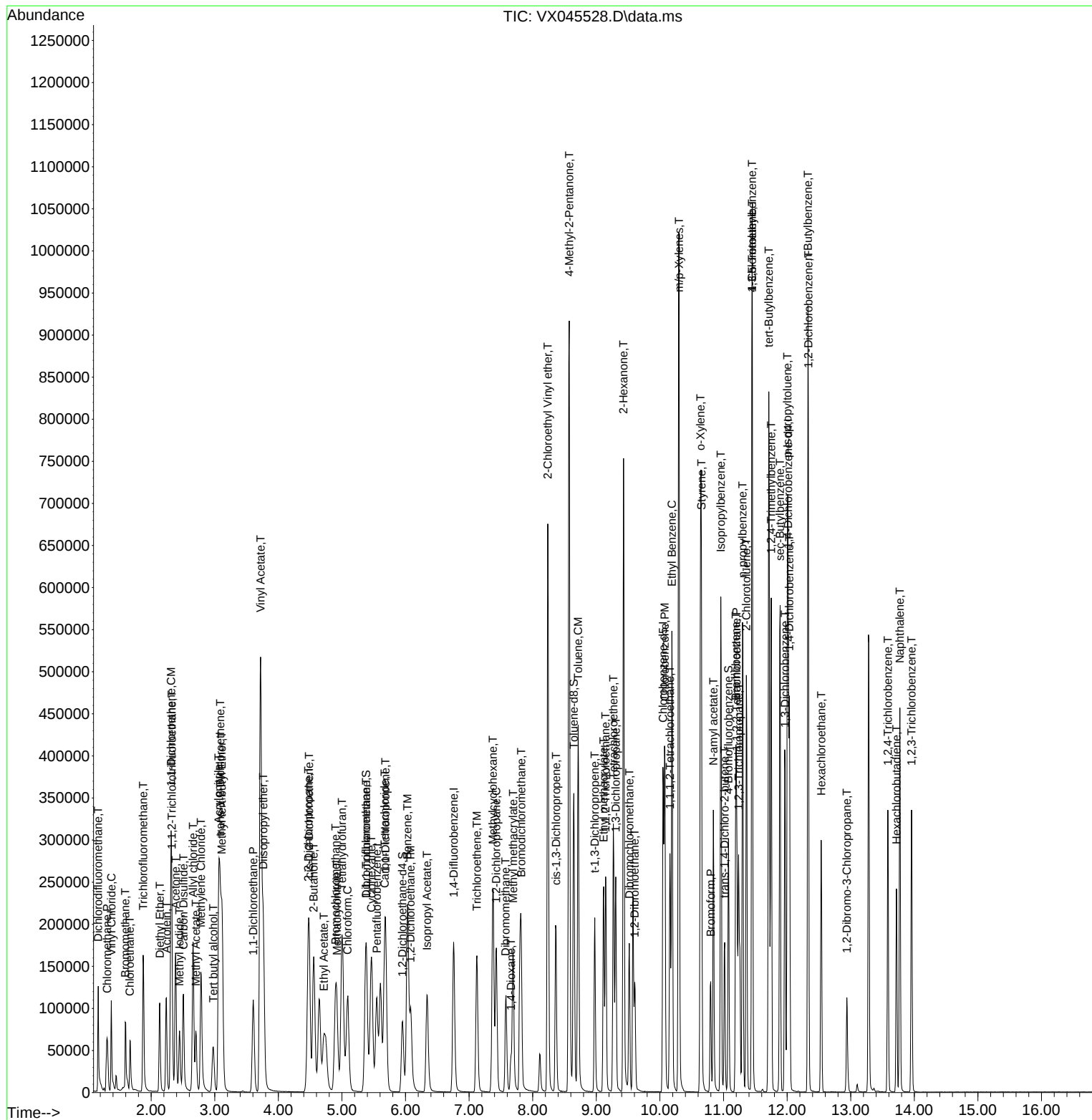
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Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\  
Data File : VX045528.D  
Acq On    : 01 Apr 2025   18:15  
Operator  : JC/MD  
Sample    : VSTDICCC050  
Misc      : 5.0mL/MSVOA_X/WATER  
ALS Vial  : 6   Sample Multiplier: 1
```

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 02:53:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
 Data File : VX045529.D
 Acq On : 01 Apr 2025 18:38
 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 :Amit Patel 04/02/2025
 Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 02:54:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 02:44:48 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	86107	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	152724	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	136369	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	64612	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	155757	98.914	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 197.820%#			
35) Dibromofluoromethane	5.379	113	107908	99.585	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 199.160%#			
50) Toluene-d8	8.647	98	375599	99.309	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 198.620%#			
62) 4-Bromofluorobenzene	11.079	95	146944	106.664	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 213.320%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	144108	111.909	ug/l	99
3) Chloromethane	1.307	50	140360	106.098	ug/l	100
4) Vinyl Chloride	1.374	62	127174	105.042	ug/l	99
5) Bromomethane	1.593	94	58706	102.266	ug/l	98
6) Chloroethane	1.660	64	61099	95.120	ug/l	98
7) Trichlorofluoromethane	1.867	101	187555	103.887	ug/l	98
8) Diethyl Ether	2.136	74	61683	101.767	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	106989	101.133	ug/l	97
10) Methyl Iodide	2.441	142	135732	102.863	ug/l	100
11) Tert butyl alcohol	2.989	59	110044	519.999	ug/l	99
12) 1,1-Dichloroethene	2.306	96	106404	102.934	ug/l	99
13) Acrolein	2.233	56	146268	501.914	ug/l	99
14) Allyl chloride	2.654	41	206484	105.276	ug/l	99
15) Acrylonitrile	3.062	53	338970	507.426	ug/l	99
16) Acetone	2.386	43	314285	486.054	ug/l	100
17) Carbon Disulfide	2.502	76	276285	108.215	ug/l	100
18) Methyl Acetate	2.703	43	147272	98.925	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	381719	105.561	ug/l	99
20) Methylene Chloride	2.782	84	121435	100.316	ug/l	98
21) trans-1,2-Dichloroethene	3.081	96	106896	101.220	ug/l	98
22) Diisopropyl ether	3.757	45	406185	105.132	ug/l	95
23) Vinyl Acetate	3.721	43	1848817	553.853	ug/l	99
24) 1,1-Dichloroethane	3.605	63	220934	101.114	ug/l	100
25) 2-Butanone	4.556	43	491249	519.018	ug/l	100
26) 2,2-Dichloropropane	4.465	77	155592	110.215	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	129785	100.871	ug/l	98
28) Bromochloromethane	4.891	49	105093	99.530	ug/l	100
29) Tetrahydrofuran	5.001	42	313121	510.264	ug/l	99
30) Chloroform	5.086	83	225402	100.255	ug/l	99
31) Cyclohexane	5.458	56	197136	102.056	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	198511	104.346	ug/l	99
36) 1,1-Dichloropropene	5.684	75	151448	103.515	ug/l	99
37) Ethyl Acetate	4.715	43	192130	104.207	ug/l	99
38) Carbon Tetrachloride	5.672	117	166465	105.278	ug/l	99
39) Methylcyclohexane	7.373	83	191752	106.921	ug/l	99
40) Benzene	6.031	78	452946	101.369	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
 Data File : VX045529.D
 Acq On : 01 Apr 2025 18:38
 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 :Amit Patel 04/02/2025
 Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 02:54:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 02:44:48 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	107037	109.068	ug/l	99
42) 1,2-Dichloroethane	6.080	62	189528	102.696	ug/l	100
43) Isopropyl Acetate	6.336	43	305974	109.494	ug/l	100
44) Trichloroethene	7.123	130	107332	101.062	ug/l	97
45) 1,2-Dichloropropane	7.421	63	115731	103.806	ug/l	98
46) Dibromomethane	7.574	93	87381	102.101	ug/l	97
47) Bromodichloromethane	7.818	83	179265	104.886	ug/l	98
48) Methyl methacrylate	7.690	41	158241	109.675	ug/l	99
49) 1,4-Dioxane	7.665	88	52624	2015.906	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	988881	533.814	ug/l	99
52) Toluene	8.714	92	276323	102.199	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	169413	100.645	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	182328	113.521	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	109208	101.361	ug/l	98
56) Ethyl methacrylate	9.116	69	192034	115.168	ug/l	99
57) 1,3-Dichloropropane	9.305	76	192473	102.588	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	460297	545.696	ug/l	100
59) 2-Hexanone	9.427	43	738772	538.538	ug/l	99
60) Dibromochloromethane	9.519	129	128700	109.570	ug/l	98
61) 1,2-Dibromoethane	9.604	107	115919	106.282	ug/l	99
64) Tetrachloroethene	9.269	164	90817	94.325	ug/l	99
65) Chlorobenzene	10.073	112	296300	101.682	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	103437	102.243	ug/l	99
67) Ethyl Benzene	10.189	91	543568	104.152	ug/l	99
68) m/p-Xylenes	10.299	106	394241	207.694	ug/l	100
69) o-Xylene	10.640	106	195381	104.487	ug/l	99
70) Styrene	10.653	104	335333	108.654	ug/l	100
71) Bromoform	10.799	173	83632	110.714	ug/l #	97
73) Isopropylbenzene	10.957	105	522436	100.944	ug/l	100
74) N-amyl acetate	10.842	43	275462	111.267	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	174977	96.243	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	154048m	97.744	ug/l	
77) Bromobenzene	11.195	156	119561	99.983	ug/l	99
78) n-propylbenzene	11.299	91	622679	104.454	ug/l	100
79) 2-Chlorotoluene	11.360	91	376682	98.840	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	435137	101.675	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	51873	111.704	ug/l	95
82) 4-Chlorotoluene	11.451	91	432884	101.877	ug/l	99
83) tert-Butylbenzene	11.713	119	437649	103.292	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	444211	103.414	ug/l	99
85) sec-Butylbenzene	11.890	105	546857	105.082	ug/l	100
86) p-Isopropyltoluene	12.006	119	453109	105.609	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	221481	101.749	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	216367	98.047	ug/l	98
89) n-Butylbenzene	12.329	91	420694	113.075	ug/l	99
90) Hexachloroethane	12.536	117	80489	109.160	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	215157	99.419	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	43047	113.214	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	135046	112.106	ug/l	99
94) Hexachlorobutadiene	13.725	225	53636	103.326	ug/l	98
95) Naphthalene	13.774	128	499719	111.473	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	137328	108.869	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045529.D
Acq On : 01 Apr 2025 18:38
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 :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 02:54:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration

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

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

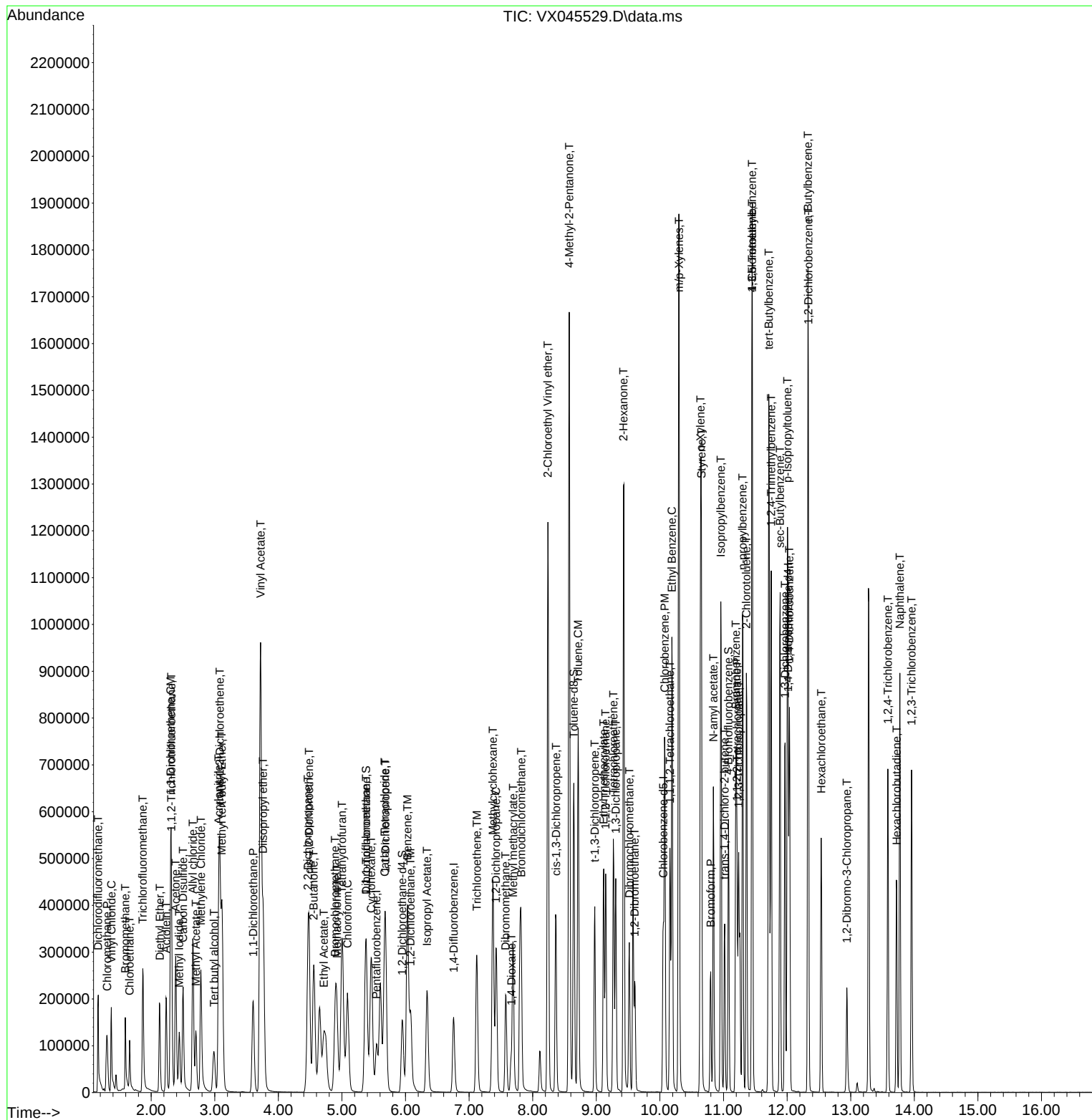
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045529.D
Acq On : 01 Apr 2025 18:38
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 02:54:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
 Data File : VX045530.D
 Acq On : 01 Apr 2025 19:02
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Apr 02 02:54:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 02:44:48 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
 Supervised By :Mahesh Dadoda 04/02/2025

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	90033	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	160037	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	133342	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	61380	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	252998	153.661	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 307.320%#			
35) Dibromofluoromethane	5.379	113	173598	152.887	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 305.780%#			
50) Toluene-d8	8.647	98	603264	152.216	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 304.440%#			
62) 4-Bromofluorobenzene	11.079	95	220921	153.035	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 306.060%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	221436	164.460	ug/l	100
3) Chloromethane	1.307	50	198321	143.373	ug/l	98
4) Vinyl Chloride	1.374	62	197096	155.697	ug/l	100
5) Bromomethane	1.593	94	88225	146.986	ug/l	97
6) Chloroethane	1.660	64	86251	128.421	ug/l	97
7) Trichlorofluoromethane	1.868	101	267098	141.495	ug/l	100
8) Diethyl Ether	2.136	74	96467	152.215	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.319	101	171118	154.698	ug/l	97
10) Methyl Iodide	2.441	142	202594	146.838	ug/l	99
11) Tert butyl alcohol	2.989	59	167769	758.202	ug/l	100
12) 1,1-Dichloroethene	2.307	96	166365	153.921	ug/l	97
13) Acrolein	2.239	56	232818	764.070	ug/l	100
14) Allyl chloride	2.654	41	313268	152.755	ug/l	99
15) Acrylonitrile	3.069	53	507965	727.247	ug/l	100
16) Acetone	2.386	43	479564	709.323	ug/l	99
17) Carbon Disulfide	2.502	76	443495	166.133	ug/l	99
18) Methyl Acetate	2.703	43	228558	146.832	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	598532	158.301	ug/l	99
20) Methylene Chloride	2.782	84	186382	147.254	ug/l	99
21) trans-1,2-Dichloroethene	3.081	96	170283	154.210	ug/l	98
22) Diisopropyl ether	3.764	45	636728	157.617	ug/l	94
23) Vinyl Acetate	3.721	43	2911326	834.120	ug/l	100
24) 1,1-Dichloroethane	3.605	63	349040	152.778	ug/l	99
25) 2-Butanone	4.556	43	740096	747.834	ug/l	99
26) 2,2-Dichloropropane	4.465	77	252063	170.765	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	205254	152.571	ug/l	98
28) Bromochloromethane	4.891	49	155600	140.938	ug/l	97
29) Tetrahydrofuran	5.001	42	475589	741.226	ug/l	100
30) Chloroform	5.087	83	353681	150.451	ug/l	98
31) Cyclohexane	5.458	56	310219	153.595	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	315136	158.426	ug/l	98
36) 1,1-Dichloropropene	5.684	75	239776	156.399	ug/l	98
37) Ethyl Acetate	4.715	43	294559	152.461	ug/l	99
38) Carbon Tetrachloride	5.672	117	266770	161.005	ug/l	99
39) Methylcyclohexane	7.373	83	303251	161.366	ug/l	96
40) Benzene	6.031	78	703311	150.208	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
 Data File : VX045530.D
 Acq On : 01 Apr 2025 19:02
 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 :Amit Patel 04/02/2025
 Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 02:54:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 02:44:48 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	164699	160.155	ug/l	98
42) 1,2-Dichloroethane	6.080	62	296168	153.146	ug/l	100
43) Isopropyl Acetate	6.336	43	475823	162.494	ug/l	99
44) Trichloroethene	7.117	130	170940	153.599	ug/l	95
45) 1,2-Dichloropropane	7.428	63	179457	153.610	ug/l	98
46) Dibromomethane	7.574	93	135415	150.996	ug/l	98
47) Bromodichloromethane	7.818	83	279881	156.272	ug/l	98
48) Methyl methacrylate	7.690	41	240818	159.281	ug/l	99
49) 1,4-Dioxane	7.659	88	74929	2739.196	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	1414771	728.817	ug/l	99
52) Toluene	8.714	92	420015	148.245	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	267671	150.589	ug/l	98
54) cis-1,3-Dichloropropene	8.360	75	287973	171.104	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	163426	144.752	ug/l	98
56) Ethyl methacrylate	9.116	69	285895	163.624	ug/l	98
57) 1,3-Dichloropropane	9.305	76	288430	146.708	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	703881	796.340	ug/l	99
59) 2-Hexanone	9.433	43	1053971	733.198	ug/l	100
60) Dibromochloromethane	9.519	129	194342	157.895	ug/l	98
61) 1,2-Dibromoethane	9.610	107	174571	152.745	ug/l	99
64) Tetrachloroethene	9.269	164	138926	147.568	ug/l	98
65) Chlorobenzene	10.080	112	444631	156.049	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	156069	157.769	ug/l	99
67) Ethyl Benzene	10.189	91	821130	160.907	ug/l	99
68) m/p-Xylenes	10.299	106	583228	314.231	ug/l	99
69) o-Xylene	10.640	106	285670	156.241	ug/l	100
70) Styrene	10.653	104	480722	159.299	ug/l	99
71) Bromoform	10.799	173	126115	170.743	ug/l #	98
73) Isopropylbenzene	10.957	105	764406	155.475	ug/l	100
74) N-amyl acetate	10.842	43	408934	173.877	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	249980	144.737	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	215694m	144.064	ug/l	
77) Bromobenzene	11.195	156	171573	151.033	ug/l	99
78) n-propylbenzene	11.305	91	897084	158.408	ug/l	100
79) 2-Chlorotoluene	11.360	91	537263	148.399	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	620819	152.700	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	78805	178.636	ug/l	93
82) 4-Chlorotoluene	11.451	91	615594	152.505	ug/l	99
83) tert-Butylbenzene	11.713	119	627039	155.783	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	629704	154.317	ug/l	100
85) sec-Butylbenzene	11.890	105	790355	159.869	ug/l	100
86) p-Isopropyltoluene	12.006	119	641521	157.397	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	314077	151.885	ug/l	100
88) 1,4-Dichlorobenzene	12.037	146	314197	149.876	ug/l	99
89) n-Butylbenzene	12.329	91	604445	171.019	ug/l	100
90) Hexachloroethane	12.536	117	121761	173.829	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	307031	149.342	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	64317	178.062	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	199365	174.213	ug/l	99
94) Hexachlorobutadiene	13.725	225	77792	157.752	ug/l	99
95) Naphthalene	13.774	128	733300	172.191	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	201989	168.562	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045530.D
Acq On : 01 Apr 2025 19:02
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 :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 02:54:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

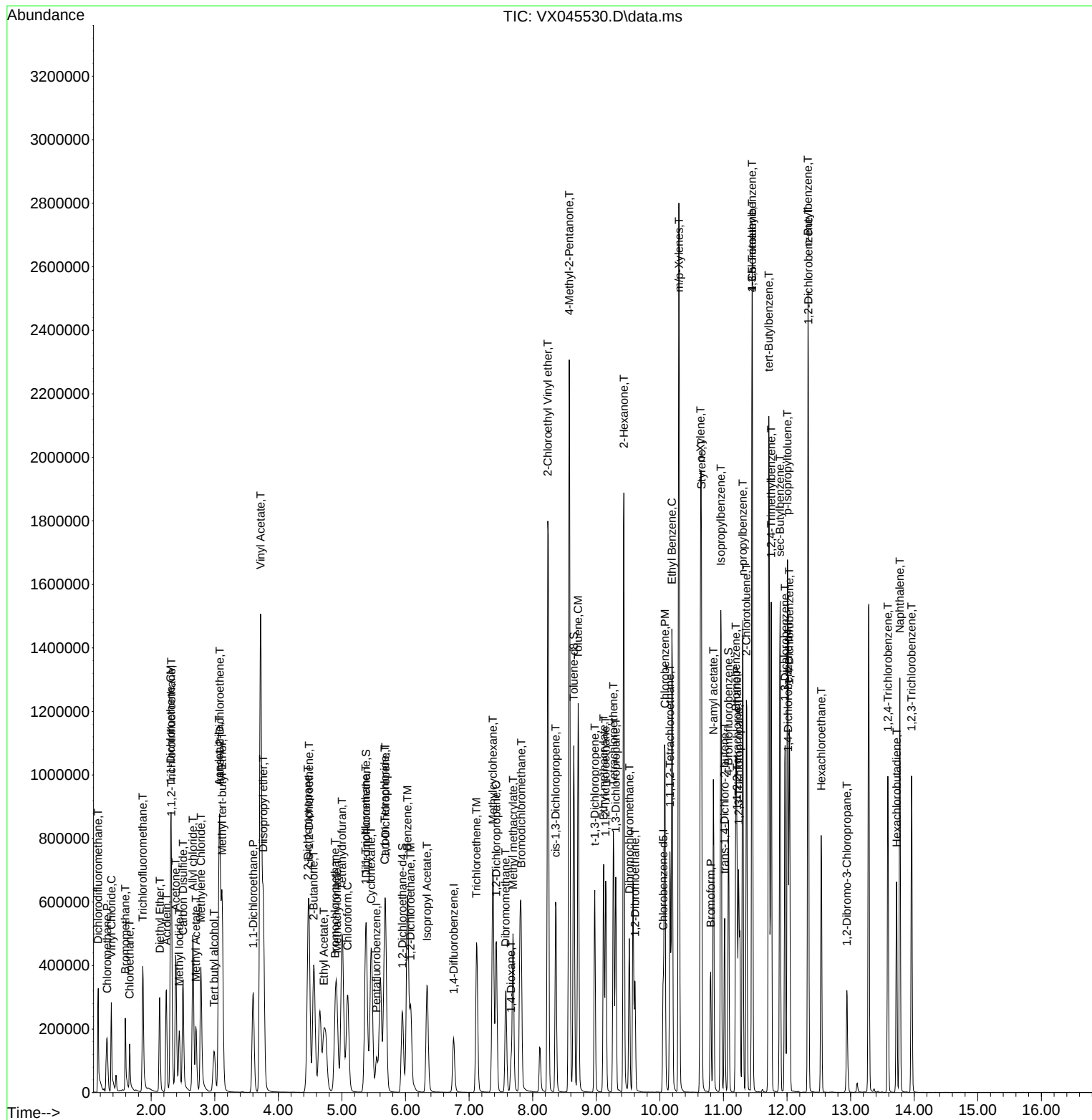
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
 Data File : VX045530.D
 Acq On : 01 Apr 2025 19:02
 Operator : JC/MD
 Sample : VSTDIC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
 Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 02:54:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 02:44:48 2025
 Response via : Initial Calibration



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
 Data File : VX045532.D
 Acq On : 01 Apr 2025 19:48
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX040225

Quant Time: Apr 02 03:14:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
 Supervised By :Mahesh Dadoda 04/02/2025

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	96972	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	174855	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	152417	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	67633	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	89251	50.329	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.660%			
35) Dibromofluoromethane	5.379	113	61107	49.256	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.520%			
50) Toluene-d8	8.647	98	217200	50.160	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.320%			
62) 4-Bromofluorobenzene	11.079	95	80376	50.959	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.920%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	76070	52.454	ug/l	97
3) Chloromethane	1.301	50	72033	48.349	ug/l	99
4) Vinyl Chloride	1.374	62	66559	48.816	ug/l	99
5) Bromomethane	1.593	94	30379	46.991	ug/l	99
6) Chloroethane	1.672	64	37317	51.586	ug/l	100
7) Trichlorofluoromethane	1.880	101	102379	50.354	ug/l	96
8) Diethyl Ether	2.130	74	33603	49.228	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.325	101	59007	49.528	ug/l	98
10) Methyl Iodide	2.447	142	72261	48.626	ug/l	99
11) Tert butyl alcohol	2.971	59	58774	246.612	ug/l	99
12) 1,1-Dichloroethene	2.313	96	57888	49.726	ug/l	99
13) Acrolein	2.233	56	78156	238.141	ug/l	99
14) Allyl chloride	2.660	41	111636	50.541	ug/l	99
15) Acrylonitrile	3.062	53	186837	248.351	ug/l	100
16) Acetone	2.380	43	176153	241.904	ug/l	99
17) Carbon Disulfide	2.508	76	149677	52.057	ug/l	100
18) Methyl Acetate	2.703	43	81720	48.742	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	207487	50.950	ug/l	100
20) Methylene Chloride	2.782	84	66875	49.055	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	59229	49.800	ug/l	98
22) Diisopropyl ether	3.757	45	221449	50.895	ug/l	92
23) Vinyl Acetate	3.715	43	1005423	267.449	ug/l	99
24) 1,1-Dichloroethane	3.605	63	122240	49.677	ug/l	99
25) 2-Butanone	4.550	43	271686	254.882	ug/l	97
26) 2,2-Dichloropropane	4.471	77	82704	52.020	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	71072	49.049	ug/l	98
28) Bromochloromethane	4.891	49	57557	48.403	ug/l	99
29) Tetrahydrofuran	5.001	42	172405	249.473	ug/l	100
30) Chloroform	5.086	83	125621	49.614	ug/l	98
31) Cyclohexane	5.458	56	107862	49.583	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	107830	50.330	ug/l	99
36) 1,1-Dichloropropene	5.684	75	83901	50.088	ug/l	99
37) Ethyl Acetate	4.708	43	105095	49.787	ug/l	98
38) Carbon Tetrachloride	5.672	117	91723	50.667	ug/l	100
39) Methylcyclohexane	7.373	83	102919	50.124	ug/l	99
40) Benzene	6.031	78	251758	49.212	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
 Data File : VX045532.D
 Acq On : 01 Apr 2025 19:48
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX040225

Quant Time: Apr 02 03:14:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
 Supervised By :Mahesh Dadoda 04/02/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	59140	53.098	ug/l	99
42) 1,2-Dichloroethane	6.080	62	103270	48.875	ug/l	100
43) Isopropyl Acetate	6.336	43	164894	51.539	ug/l	100
44) Trichloroethene	7.123	130	57931	47.643	ug/l	92
45) 1,2-Dichloropropane	7.421	63	63210	49.521	ug/l	95
46) Dibromomethane	7.574	93	47564	48.542	ug/l	97
47) Bromodichloromethane	7.818	83	96418	49.273	ug/l	96
48) Methyl methacrylate	7.690	41	85084	51.507	ug/l	99
49) 1,4-Dioxane	7.659	88	28552	955.327	ug/l	99
51) 4-Methyl-2-Pentanone	8.568	43	540822	254.994	ug/l	100
52) Toluene	8.714	92	151664	48.994	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	87744	46.783	ug/l	98
54) cis-1,3-Dichloropropene	8.360	75	99074	53.878	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	60452	49.007	ug/l	97
56) Ethyl methacrylate	9.116	69	102525	53.705	ug/l	100
57) 1,3-Dichloropropane	9.305	76	107121	49.869	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	251285	260.201	ug/l	99
59) 2-Hexanone	9.427	43	395336	251.710	ug/l	100
60) Dibromochloromethane	9.519	129	68562	50.983	ug/l	99
61) 1,2-Dibromoethane	9.604	107	63301	50.693	ug/l	100
64) Tetrachloroethene	9.269	164	50834	47.239	ug/l	99
65) Chlorobenzene	10.073	112	163518	50.207	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	57096	50.495	ug/l	99
67) Ethyl Benzene	10.189	91	300747	51.558	ug/l	100
68) m/p-Xylenes	10.299	106	217943	102.728	ug/l	99
69) o-Xylene	10.640	106	107947	51.650	ug/l	100
70) Styrene	10.653	104	181524	52.624	ug/l	100
71) Bromoform	10.799	173	44489	52.694	ug/l #	98
73) Isopropylbenzene	10.957	105	286010	52.794	ug/l	100
74) N-amyl acetate	10.842	43	140941	54.387	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	92505	48.608	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	82060m	49.741	ug/l	
77) Bromobenzene	11.195	156	63244	50.525	ug/l	98
78) n-propylbenzene	11.299	91	336753	53.967	ug/l	100
79) 2-Chlorotoluene	11.360	91	203677	51.057	ug/l	99
80) 1,3,5-Trimethylbenzene	11.445	105	239822	53.534	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	25511	52.482	ug/l	98
82) 4-Chlorotoluene	11.451	91	233159	52.422	ug/l	100
83) tert-Butylbenzene	11.713	119	236276	53.274	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	238257	52.990	ug/l	100
85) sec-Butylbenzene	11.890	105	293633	53.903	ug/l	100
86) p-Isopropyltoluene	12.006	119	244031	54.337	ug/l	99
87) 1,3-Dichlorobenzene	11.963	146	115113	50.521	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	113458	49.117	ug/l	97
89) n-Butylbenzene	12.329	91	214931	55.189	ug/l	99
90) Hexachloroethane	12.536	117	41729	54.066	ug/l	98
91) 1,2-Dichlorobenzene	12.329	146	113126	49.938	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	21184	53.226	ug/l	100
93) 1,2,4-Trichlorobenzene	13.585	180	65488	51.935	ug/l	98
94) Hexachlorobutadiene	13.725	225	27147	49.961	ug/l	99
95) Naphthalene	13.774	128	247600	52.765	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	66542	50.396	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045532.D
Acq On : 01 Apr 2025 19:48
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225

Manual Integrations
APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 03:14:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

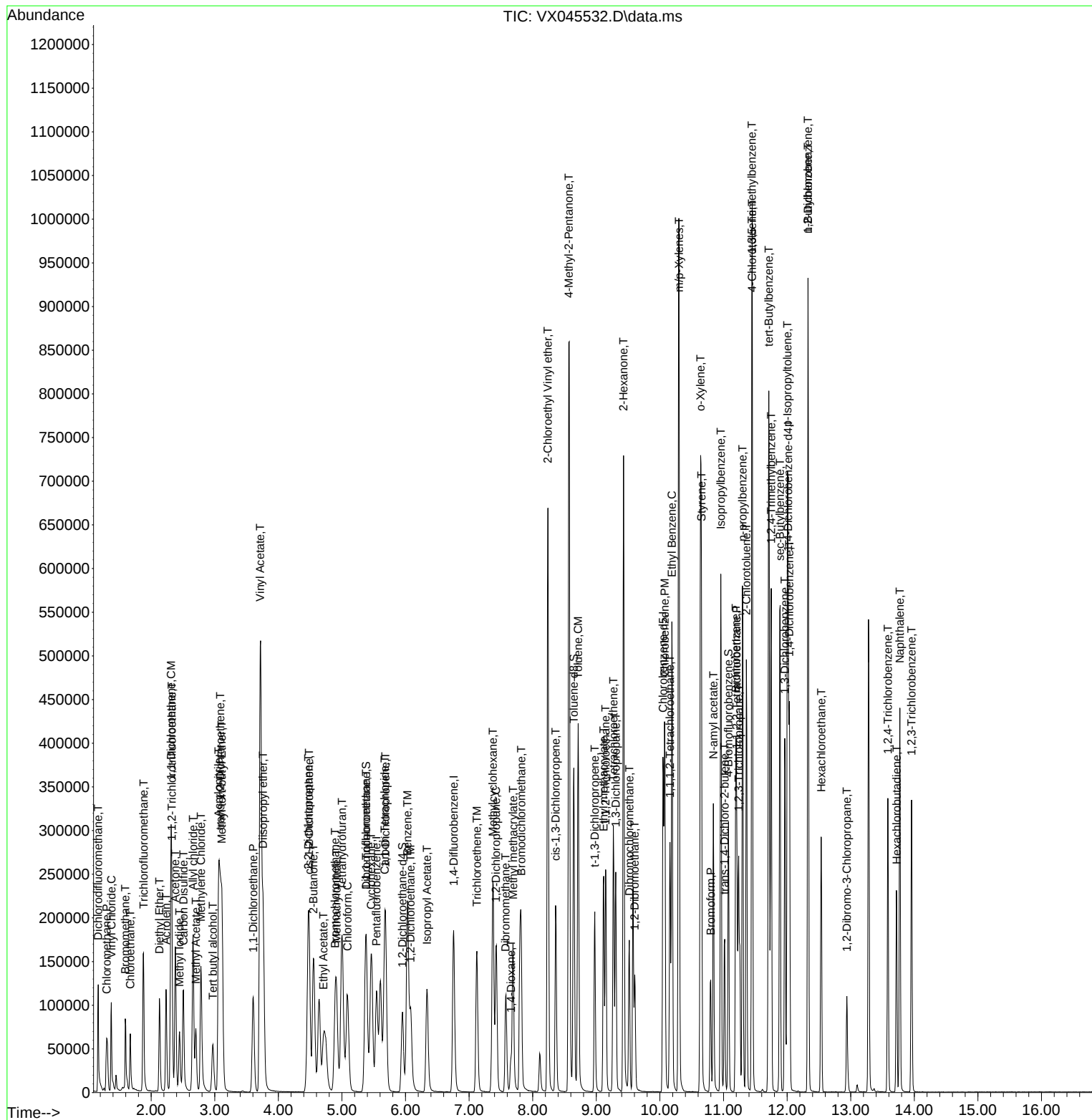
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
 Data File : VX045532.D
 Acq On : 01 Apr 2025 19:48
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICSVVX040225

Quant Time: Apr 02 03:14:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 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	101	0.00
2 T	Dichlorodifluoromethane	0.748	0.784	-4.8	97	0.00
3 P	Chloromethane	0.768	0.743	3.3	96	0.00
4 C	Vinyl Chloride	0.703	0.686	2.4#	97	0.00
5 T	Bromomethane	0.333	0.313	6.0	96	0.00
6 T	Chloroethane	0.373	0.385	-3.2	98	0.00
7 T	Trichlorofluoromethane	1.048	1.056	-0.8	99	0.00
8 T	Diethyl Ether	0.352	0.347	1.4	99	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.614	0.608	1.0	99	0.00
10 T	Methyl Iodide	0.766	0.745	2.7	95	0.00
11 T	Tert butyl alcohol	0.123	0.121	1.6	97	0.00
12 CM	1,1-Dichloroethene	0.600	0.597	0.5#	100	0.00
13 T	Acrolein	0.169	0.161	4.7	98	0.00
14 T	Allyl chloride	1.139	1.151	-1.1	100	0.00
15 T	Acrylonitrile	0.388	0.385	0.8	96	0.00
16 T	Acetone	0.375	0.363	3.2	98	0.00
17 T	Carbon Disulfide	1.483	1.544	-4.1	101	0.00
18 T	Methyl Acetate	0.864	0.843	2.4	100	0.00
19 T	Methyl tert-butyl Ether	2.100	2.140	-1.9	102	0.00
20 T	Methylene Chloride	0.703	0.690	1.8	99	0.00
21 T	trans-1,2-Dichloroethene	0.613	0.611	0.3	99	0.00
22 T	Diisopropyl ether	2.243	2.284	-1.8	101	0.00
23 T	Vinyl Acetate	1.938	2.074	-7.0	101	0.00
24 P	1,1-Dichloroethane	1.269	1.261	0.6	101	0.00
25 T	2-Butanone	0.550	0.560	-1.8	97	0.00
26 T	2,2-Dichloropropane	0.820	0.853	-4.0	102	0.00
27 T	cis-1,2-Dichloroethene	0.747	0.733	1.9	99	0.00
28 T	Bromochloromethane	0.613	0.594	3.1	101	0.00
29 T	Tetrahydrofuran	0.356	0.356	0.0	97	0.00
30 C	Chloroform	1.306	1.295	0.8#	100	0.00
31 T	Cyclohexane	1.122	1.112	0.9	100	0.00
32 T	1,1,1-Trichloroethane	1.105	1.112	-0.6	102	0.00
33 S	1,2-Dichloroethane-d4	0.914	0.920	-0.7	107	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	104	0.00
35 S	Dibromofluoromethane	0.355	0.349	1.7	105	0.00
36 T	1,1-Dichloropropene	0.479	0.480	-0.2	103	0.00
37 T	Ethyl Acetate	0.604	0.601	0.5	100	0.00
38 T	Carbon Tetrachloride	0.518	0.525	-1.4	102	0.00
39 T	Methylcyclohexane	0.587	0.589	-0.3	98	0.00
40 TM	Benzene	1.463	1.440	1.6	101	0.00
41 T	Methacrylonitrile	0.318	0.338	-6.3	100	0.00
42 TM	1,2-Dichloroethane	0.604	0.591	2.2	99	0.00
43 T	Isopropyl Acetate	0.915	0.943	-3.1	100	0.00
44 TM	Trichloroethene	0.348	0.331	4.9	98	0.00
45 C	1,2-Dichloropropane	0.365	0.361	1.1#	100	0.00
46 T	Dibromomethane	0.280	0.272	2.9	97	0.00
47 T	Bromodichloromethane	0.560	0.551	1.6	100	0.00
48 T	Methyl methacrylate	0.472	0.487	-3.2	100	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
 Data File : VX045532.D
 Acq On : 01 Apr 2025 19:48
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICSVVX040225

Quant Time: Apr 02 03:14:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 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	0.009	0.008	11.1	92	0.00
50 S	Toluene-d8	1.238	1.242	-0.3	106	0.00
51 T	4-Methyl-2-Pentanone	0.606	0.619	-2.1	97	0.00
52 CM	Toluene	0.885	0.867	2.0#	99	0.00
53 T	t-1,3-Dichloropropene	0.467	0.502	-7.5	103	0.00
54 T	cis-1,3-Dichloropropene	0.526	0.567	-7.8	104	0.00
55 T	1,1,2-Trichloroethane	0.353	0.346	2.0	100	0.00
56 T	Ethyl methacrylate	0.546	0.586	-7.3	102	0.00
57 T	1,3-Dichloropropane	0.614	0.613	0.2	101	0.00
58 T	2-Chloroethyl Vinyl ether	0.276	0.287	-4.0	100	0.00
59 T	2-Hexanone	0.449	0.452	-0.7	96	0.00
60 T	Dibromochloromethane	0.385	0.392	-1.8	99	0.00
61 T	1,2-Dibromoethane	0.357	0.362	-1.4	101	0.00
62 S	4-Bromofluorobenzene	0.451	0.460	-2.0	105	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	101	0.00
64 T	Tetrachloroethene	0.353	0.334	5.4	97	0.00
65 PM	Chlorobenzene	1.068	1.073	-0.5	100	0.00
66 T	1,1,1,2-Tetrachloroethane	0.371	0.375	-1.1	102	0.00
67 C	Ethyl Benzene	1.914	1.973	-3.1#	100	0.00
68 T	m/p-Xylenes	0.696	0.715	-2.7	100	0.00
69 T	o-Xylene	0.686	0.708	-3.2	100	0.00
70 T	Styrene	1.132	1.191	-5.2	99	0.00
71 P	Bromoform	0.277	0.292	-5.4	100	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	98	0.00
73 T	Isopropylbenzene	4.005	4.229	-5.6	99	0.00
74 T	N-amyl acetate	1.916	2.084	-8.8	100	0.00
75 P	1,1,2,2-Tetrachloroethane	1.407	1.368	2.8	97	0.00
76 T	1,2,3-Trichloropropane	1.220	1.213	0.6	97	0.00
77 T	Bromobenzene	0.925	0.935	-1.1	98	0.00
78 T	n-propylbenzene	4.613	4.979	-7.9	100	0.00
79 T	2-Chlorotoluene	2.949	3.012	-2.1	100	0.00
80 T	1,3,5-Trimethylbenzene	3.312	3.546	-7.1	99	0.00
81 T	trans-1,4-Dichloro-2-butene	0.359	0.377	-5.0	100	0.00
82 T	4-Chlorotoluene	3.288	3.447	-4.8	98	0.00
83 T	tert-Butylbenzene	3.279	3.494	-6.6	100	0.00
84 T	1,2,4-Trimethylbenzene	3.324	3.523	-6.0	98	0.00
85 T	sec-Butylbenzene	4.027	4.342	-7.8	99	0.00
86 T	p-Isopropyltoluene	3.320	3.608	-8.7	101	0.00
87 T	1,3-Dichlorobenzene	1.684	1.702	-1.1	98	0.00
88 T	1,4-Dichlorobenzene	1.708	1.678	1.8	97	0.00
89 T	n-Butylbenzene	2.879	3.178	-10.4	99	0.00
90 T	Hexachloroethane	0.571	0.617	-8.1	102	0.00
91 T	1,2-Dichlorobenzene	1.675	1.673	0.1	98	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.294	0.313	-6.5	98	0.00
93 T	1,2,4-Trichlorobenzene	0.932	0.968	-3.9	101	0.00
94 T	Hexachlorobutadiene	0.402	0.401	0.2	98	0.00
95 T	Naphthalene	3.469	3.661	-5.5	97	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045532.D
Acq On : 01 Apr 2025 19:48
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225

Quant Time: Apr 02 03:14:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 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	0.976	0.984	-0.8	97	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\WX040225\
 Data File : VX045532.D
 Acq On : 01 Apr 2025 19:48
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX040225

Quant Time: Apr 02 03:14:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 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	101	0.00
2 T	Dichlorodifluoromethane	50.000	52.454	-4.9	97	0.00
3 P	Chloromethane	50.000	48.349	3.3	96	0.00
4 C	Vinyl Chloride	50.000	48.816	2.4#	97	0.00
5 T	Bromomethane	50.000	46.991	6.0	96	0.00
6 T	Chloroethane	50.000	51.586	-3.2	98	0.00
7 T	Trichlorofluoromethane	50.000	50.354	-0.7	99	0.00
8 T	Diethyl Ether	50.000	49.228	1.5	99	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.528	0.9	99	0.00
10 T	Methyl Iodide	50.000	48.626	2.7	95	0.00
11 T	Tert butyl alcohol	250.000	246.612	1.4	97	0.00
12 CM	1,1-Dichloroethene	50.000	49.726	0.5#	100	0.00
13 T	Acrolein	250.000	238.141	4.7	98	0.00
14 T	Allyl chloride	50.000	50.541	-1.1	100	0.00
15 T	Acrylonitrile	250.000	248.351	0.7	96	0.00
16 T	Acetone	250.000	241.904	3.2	98	0.00
17 T	Carbon Disulfide	50.000	52.057	-4.1	101	0.00
18 T	Methyl Acetate	50.000	48.742	2.5	100	0.00
19 T	Methyl tert-butyl Ether	50.000	50.950	-1.9	102	0.00
20 T	Methylene Chloride	50.000	49.055	1.9	99	0.00
21 T	trans-1,2-Dichloroethene	50.000	49.800	0.4	99	0.00
22 T	Diisopropyl ether	50.000	50.895	-1.8	101	0.00
23 T	Vinyl Acetate	250.000	267.449	-7.0	101	0.00
24 P	1,1-Dichloroethane	50.000	49.677	0.6	101	0.00
25 T	2-Butanone	250.000	254.882	-2.0	97	0.00
26 T	2,2-Dichloropropane	50.000	52.020	-4.0	102	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.049	1.9	99	0.00
28 T	Bromochloromethane	50.000	48.403	3.2	101	0.00
29 T	Tetrahydrofuran	250.000	249.473	0.2	97	0.00
30 C	Chloroform	50.000	49.614	0.8#	100	0.00
31 T	Cyclohexane	50.000	49.583	0.8	100	0.00
32 T	1,1,1-Trichloroethane	50.000	50.330	-0.7	102	0.00
33 S	1,2-Dichloroethane-d4	50.000	50.329	-0.7	107	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	104	0.00
35 S	Dibromofluoromethane	50.000	49.256	1.5	105	0.00
36 T	1,1-Dichloropropene	50.000	50.088	-0.2	103	0.00
37 T	Ethyl Acetate	50.000	49.787	0.4	100	0.00
38 T	Carbon Tetrachloride	50.000	50.667	-1.3	102	0.00
39 T	Methylcyclohexane	50.000	50.124	-0.2	98	0.00
40 TM	Benzene	50.000	49.212	1.6	101	0.00
41 T	Methacrylonitrile	50.000	53.098	-6.2	100	0.00
42 TM	1,2-Dichloroethane	50.000	48.875	2.3	99	0.00
43 T	Isopropyl Acetate	50.000	51.539	-3.1	100	0.00
44 TM	Trichloroethene	50.000	47.643	4.7	98	0.00
45 C	1,2-Dichloropropane	50.000	49.521	1.0#	100	0.00
46 T	Dibromomethane	50.000	48.542	2.9	97	0.00
47 T	Bromodichloromethane	50.000	49.273	1.5	100	0.00
48 T	Methyl methacrylate	50.000	51.507	-3.0	100	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\WX040225\
 Data File : VX045532.D
 Acq On : 01 Apr 2025 19:48
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICSVX040225

Quant Time: Apr 02 03:14:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 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	955.327	4.5	92	0.00
50 S	Toluene-d8	50.000	50.160	-0.3	106	0.00
51 T	4-Methyl-2-Pentanone	250.000	254.994	-2.0	97	0.00
52 CM	Toluene	50.000	48.994	2.0#	99	0.00
53 T	t-1,3-Dichloropropene	50.000	46.783	6.4	103	0.00
54 T	cis-1,3-Dichloropropene	50.000	53.878	-7.8	104	0.00
55 T	1,1,2-Trichloroethane	50.000	49.007	2.0	100	0.00
56 T	Ethyl methacrylate	50.000	53.705	-7.4	102	0.00
57 T	1,3-Dichloropropane	50.000	49.869	0.3	101	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	260.201	-4.1	100	0.00
59 T	2-Hexanone	250.000	251.710	-0.7	96	0.00
60 T	Dibromochloromethane	50.000	50.983	-2.0	99	0.00
61 T	1,2-Dibromoethane	50.000	50.693	-1.4	101	0.00
62 S	4-Bromofluorobenzene	50.000	50.959	-1.9	105	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	101	0.00
64 T	Tetrachloroethene	50.000	47.239	5.5	97	0.00
65 PM	Chlorobenzene	50.000	50.207	-0.4	100	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.495	-1.0	102	0.00
67 C	Ethyl Benzene	50.000	51.558	-3.1#	100	0.00
68 T	m/p-Xylenes	100.000	102.728	-2.7	100	0.00
69 T	o-Xylene	50.000	51.650	-3.3	100	0.00
70 T	Styrene	50.000	52.624	-5.2	99	0.00
71 P	Bromoform	50.000	52.694	-5.4	100	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	98	0.00
73 T	Isopropylbenzene	50.000	52.794	-5.6	99	0.00
74 T	N-amyl acetate	50.000	54.387	-8.8	100	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	48.608	2.8	97	0.00
76 T	1,2,3-Trichloropropane	50.000	49.741	0.5	97	0.00
77 T	Bromobenzene	50.000	50.525	-1.0	98	0.00
78 T	n-propylbenzene	50.000	53.967	-7.9	100	0.00
79 T	2-Chlorotoluene	50.000	51.057	-2.1	100	0.00
80 T	1,3,5-Trimethylbenzene	50.000	53.534	-7.1	99	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	52.482	-5.0	100	0.00
82 T	4-Chlorotoluene	50.000	52.422	-4.8	98	0.00
83 T	tert-Butylbenzene	50.000	53.274	-6.5	100	0.00
84 T	1,2,4-Trimethylbenzene	50.000	52.990	-6.0	98	0.00
85 T	sec-Butylbenzene	50.000	53.903	-7.8	99	0.00
86 T	p-Isopropyltoluene	50.000	54.337	-8.7	101	0.00
87 T	1,3-Dichlorobenzene	50.000	50.521	-1.0	98	0.00
88 T	1,4-Dichlorobenzene	50.000	49.117	1.8	97	0.00
89 T	n-Butylbenzene	50.000	55.189	-10.4	99	0.00
90 T	Hexachloroethane	50.000	54.066	-8.1	102	0.00
91 T	1,2-Dichlorobenzene	50.000	49.938	0.1	98	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	53.226	-6.5	98	0.00
93 T	1,2,4-Trichlorobenzene	50.000	51.935	-3.9	101	0.00
94 T	Hexachlorobutadiene	50.000	49.961	0.1	98	0.00
95 T	Naphthalene	50.000	52.765	-5.5	97	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045532.D
Acq On : 01 Apr 2025 19:48
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225

Quant Time: Apr 02 03:14:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 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	50.396	-0.8	97	0.00

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



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.: Q1888 SAS No.: Q1888 SDG No.: Q1888

Instrument ID: MSVOA_X Calibration Date/Time: 04/25/2025 09:42

Lab File ID: VX045932.D Init. Calib. Date(s): 04/01/2025 04/01/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 17:06 19:02

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.748	0.743		-0.67	20
Chloromethane	0.768	0.761	0.1	-0.91	20
Vinyl Chloride	0.703	0.693		-1.42	20
Ethyl Acetate	0.604	0.645		6.79	20
Bromomethane	0.333	0.329		-1.2	20
Chloroethane	0.373	0.398		6.7	20
Trichlorofluoromethane	1.048	1.139		8.68	20
1,1,2-Trichlorotrifluoroethane	0.614	0.686		11.73	20
Tert butyl alcohol	0.123	0.127		3.25	20
1,1-Dichloroethene	0.600	0.632		5.33	20
Acrolein	0.169	0.210		24.26	20
Acrylonitrile	0.388	0.392		1.03	20
Acetone	0.375	0.378		0.8	20
Carbon Disulfide	1.483	1.387		-6.47	20
Methyl tert-butyl Ether	2.100	2.312		10.1	20
Methyl Acetate	0.864	1.003		16.09	20
Methylene Chloride	0.703	0.726		3.27	20
trans-1,2-Dichloroethene	0.613	0.636		3.75	20
Vinyl Acetate	1.938	2.108		8.77	20
1,1-Dichloroethane	1.269	1.326	0.1	4.49	20
Cyclohexane	1.122	1.178		4.99	20
2-Butanone	0.550	0.564		2.55	20
Carbon Tetrachloride	0.518	0.611		17.95	20
2,2-Dichloropropane	0.820	1.047		27.68	20
cis-1,2-Dichloroethene	0.747	0.775		3.75	20
Bromochloromethane	0.613	0.571		-6.85	20
Chloroform	1.306	1.390		6.43	20
1,1,1-Trichloroethane	1.105	1.204		8.96	20
Methylcyclohexane	0.587	0.693		18.06	20
1,1-Dichloropropene	0.479	0.536		11.9	20
Benzene	1.463	1.603		9.57	20
1,2-Dichloroethane	0.604	0.697		15.4	20
Trichloroethene	0.348	0.387		11.21	20
1,2-Dichloropropane	0.365	0.411		12.6	20
Dibromomethane	0.280	0.312		11.43	20
Bromodichloromethane	0.560	0.640		14.29	20
4-Methyl-2-Pentanone	0.606	0.680		12.21	20
Toluene	0.885	0.980		10.73	20

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



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.: Q1888 SAS No.: Q1888 SDG No.: Q1888

Instrument ID: MSVOA_X Calibration Date/Time: 04/25/2025 09:42

Lab File ID: VX045932.D Init. Calib. Date(s): 04/01/2025 04/01/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 17:06 19:02

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
t-1,3-Dichloropropene	0.467	0.574		22.91	20
cis-1,3-Dichloropropene	0.526	0.644		22.43	20
1,1,2-Trichloroethane	0.353	0.393		11.33	20
1,3-Dichloropropane	0.614	0.684		11.4	20
2-Chloroethyl Vinyl ether	0.276	0.312		13.04	20
2-Hexanone	0.449	0.502		11.8	20
Dibromochloromethane	0.385	0.456		18.44	20
1,2-Dibromoethane	0.357	0.406		13.73	20
Tetrachloroethene	0.353	0.432		22.38	20
Chlorobenzene	1.068	1.219	0.3	14.14	20
1,1,1,2-Tetrachloroethane	0.371	0.435		17.25	20
Hexachloroethane	0.571	0.690		20.84	20
Ethyl Benzene	1.914	2.248		17.45	20
m/p-Xylenes	0.696	0.821		17.96	20
o-Xylene	0.686	0.810		18.08	20
Styrene	1.132	1.359		20.05	20
Bromoform	0.277	0.331	0.1	19.5	20
Isopropylbenzene	4.005	4.502		12.41	20
1,1,2,2-Tetrachloroethane	1.407	1.442	0.3	2.49	20
1,2,3-Trichloropropane	1.220	1.293		5.98	20
Bromobenzene	0.925	1.002		8.32	20
n-propylbenzene	4.613	5.257		13.96	20
2-Chlorotoluene	2.949	3.210		8.85	20
1,3,5-Trimethylbenzene	3.312	3.819		15.31	20
4-Chlorotoluene	3.288	3.755		14.2	20
tert-Butylbenzene	3.279	3.713		13.24	20
1,2,4-Trimethylbenzene	3.324	3.855		15.98	20
sec-Butylbenzene	4.027	4.805		19.32	20
p-Isopropyltoluene	3.320	3.953		19.07	20
1,3-Dichlorobenzene	1.684	1.897		12.65	20
1,4-Dichlorobenzene	1.708	1.908		11.71	20
n-Butylbenzene	2.879	3.606		25.25	20
1,2-Dichlorobenzene	1.675	1.878		12.12	20
1,2-Dibromo-3-Chloropropane	0.294	0.331		12.59	20
1,2,4-Trichlorobenzene	0.932	1.099		17.92	20
Hexachlorobutadiene	0.402	0.479		19.15	20
Naphthalene	3.469	3.912		12.77	20
1,2,3-Trichlorobenzene	0.976	1.126		15.37	20

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



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.: Q1888 SAS No.: Q1888 SDG No.: Q1888
Instrument ID: MSVOA_X Calibration Date/Time: 04/25/2025 09:42
Lab File ID: VX045932.D Init. Calib. Date(s): 04/01/2025 04/01/2025
Heated Purge: (Y/N) N Init. Calib. Time(s): 17:06 19:02
GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	<u>RRF</u>	RRF050	MIN RRF	%D	MAX%D
1,2-Dichloroethane-d4	0.914	0.933		2.08	20
Dibromofluoromethane	0.355	0.389		9.58	20
Toluene-d8	1.238	1.280		3.39	20
4-Bromofluorobenzene	0.451	0.509		12.86	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\VX042525\
 Data File : VX045932.D
 Acq On : 25 Apr 2025 09:42
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :John Carlone 04/28/2025
 Supervised By :Semsettin Yesilyurt 04/28/2025

Quant Time: Apr 25 23:31:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	87494	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	146416	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	126658	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	61250	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	81629	51.017	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.040%			
35) Dibromofluoromethane	5.373	113	56994	54.864	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.720%			
50) Toluene-d8	8.641	98	187345	51.669	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.340%			
62) 4-Bromofluorobenzene	11.079	95	74472	56.387	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 112.780%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	65034	49.702	ug/l	96
3) Chloromethane	1.301	50	66615	49.556	ug/l	98
4) Vinyl Chloride	1.374	62	60642	49.295	ug/l	99
5) Bromomethane	1.593	94	28807	49.386	ug/l	97
6) Chloroethane	1.666	64	34843	53.384	ug/l	98
7) Trichlorofluoromethane	1.874	101	99628	54.309	ug/l	100
8) Diethyl Ether	2.130	74	32596	52.926	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.319	101	60060	55.873	ug/l	99
10) Methyl Iodide	2.441	142	71606	53.405	ug/l	97
11) Tert butyl alcohol	2.971	59	55357	257.436	ug/l	99
12) 1,1-Dichloroethene	2.313	96	55271	52.621	ug/l	95
13) Acrolein	2.233	56	92062	310.900	ug/l	99
14) Allyl chloride	2.654	41	107678	54.030	ug/l	100
15) Acrylonitrile	3.062	53	171275	252.328	ug/l	99
16) Acetone	2.380	43	165166	251.386	ug/l	99
17) Carbon Disulfide	2.502	76	121393	46.793	ug/l	100
18) Methyl Acetate	2.703	43	87762	58.017	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	202328	55.065	ug/l	99
20) Methylene Chloride	2.782	84	63520	51.641	ug/l	97
21) trans-1,2-Dichloroethene	3.081	96	55653	51.863	ug/l	99
22) Diisopropyl ether	3.757	45	211448	53.861	ug/l	99
23) Vinyl Acetate	3.715	43	922194	271.884	ug/l	100
24) 1,1-Dichloroethane	3.599	63	115991	52.244	ug/l	99
25) 2-Butanone	4.550	43	246619	256.429	ug/l	98
26) 2,2-Dichloropropane	4.465	77	91605	63.860	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	67826	51.880	ug/l	96
28) Bromochloromethane	4.885	49	49924	46.532	ug/l	99
29) Tetrahydrofuran	4.995	42	153819	246.691	ug/l	100
30) Chloroform	5.080	83	121658	53.253	ug/l	99
31) Cyclohexane	5.458	56	103070	52.513	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	105322	54.484	ug/l	100
36) 1,1-Dichloropropene	5.684	75	78453	55.933	ug/l	99
37) Ethyl Acetate	4.708	43	94486	53.455	ug/l	100
38) Carbon Tetrachloride	5.666	117	89403	58.977	ug/l	99
39) Methylcyclohexane	7.373	83	101454	59.008	ug/l	94
40) Benzene	6.025	78	234763	54.803	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042525\
 Data File : VX045932.D
 Acq On : 25 Apr 2025 09:42
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :John Carlone 04/28/2025
 Supervised By :Semsettin Yesilyurt 04/28/2025

Quant Time: Apr 25 23:31:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	54175	58.088	ug/l	98
42) 1,2-Dichloroethane	6.074	62	102081	57.696	ug/l	100
43) Isopropyl Acetate	6.336	43	151877	56.691	ug/l	100
44) Trichloroethene	7.117	130	56724	55.711	ug/l	89
45) 1,2-Dichloropropane	7.421	63	60175	56.300	ug/l	94
46) Dibromomethane	7.574	93	45745	55.754	ug/l	98
47) Bromodichloromethane	7.818	83	93715	57.194	ug/l	99
48) Methyl methacrylate	7.690	41	78967	57.089	ug/l	99
49) 1,4-Dioxane	7.659	88	26121	1043.746	ug/l	98
51) 4-Methyl-2-Pentanone	8.568	43	497484	280.120	ug/l	100
52) Toluene	8.714	92	143526	55.370	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	84000	53.158	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	94286	61.233	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	57530	55.697	ug/l	95
56) Ethyl methacrylate	9.110	69	96025	60.070	ug/l	98
57) 1,3-Dichloropropane	9.305	76	100131	55.669	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	228507	282.573	ug/l	99
59) 2-Hexanone	9.427	43	367419	279.374	ug/l	100
60) Dibromochloromethane	9.519	129	66766	59.291	ug/l	97
61) 1,2-Dibromoethane	9.604	107	59450	56.856	ug/l	99
64) Tetrachloroethene	9.269	164	54752	61.227	ug/l	97
65) Chlorobenzene	10.073	112	154410	57.052	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	55092	58.631	ug/l	99
67) Ethyl Benzene	10.189	91	284668	58.727	ug/l	99
68) m/p-Xylenes	10.299	106	207881	117.913	ug/l	99
69) o-Xylene	10.640	106	102563	59.055	ug/l	100
70) Styrene	10.653	104	172075	60.030	ug/l	99
71) Bromoform	10.799	173	41871	59.679	ug/l #	99
73) Isopropylbenzene	10.957	105	275770	56.209	ug/l	99
74) N-amyl acetate	10.842	43	135895	57.905	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	88313	51.241	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	79169m	52.990	ug/l	
77) Bromobenzene	11.195	156	61402	54.166	ug/l	98
78) n-propylbenzene	11.299	91	321995	56.979	ug/l	100
79) 2-Chlorotoluene	11.360	91	196636	54.429	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	233922	57.659	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	25773	58.547	ug/l	98
82) 4-Chlorotoluene	11.451	91	230014	57.104	ug/l	100
83) tert-Butylbenzene	11.713	119	227437	56.625	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	236113	57.985	ug/l	99
85) sec-Butylbenzene	11.890	105	294334	59.663	ug/l	99
86) p-Isopropyltoluene	12.006	119	242143	59.536	ug/l	100
87) 1,3-Dichlorobenzene	11.963	146	116205	56.315	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	116867	55.865	ug/l	99
89) n-Butylbenzene	12.329	91	220837	62.615	ug/l	100
90) Hexachloroethane	12.536	117	42286	60.497	ug/l	99
91) 1,2-Dichlorobenzene	12.329	146	115036	56.073	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	20262	56.214	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	67317	58.949	ug/l	99
94) Hexachlorobutadiene	13.719	225	29332	59.608	ug/l	97
95) Naphthalene	13.774	128	239626	56.388	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	68969	57.678	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042525\
Data File : VX045932.D
Acq On : 25 Apr 2025 09:42
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/28/2025
Supervised By :Semsettin Yesilyurt 04/28/2025

Quant Time: Apr 25 23:31:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

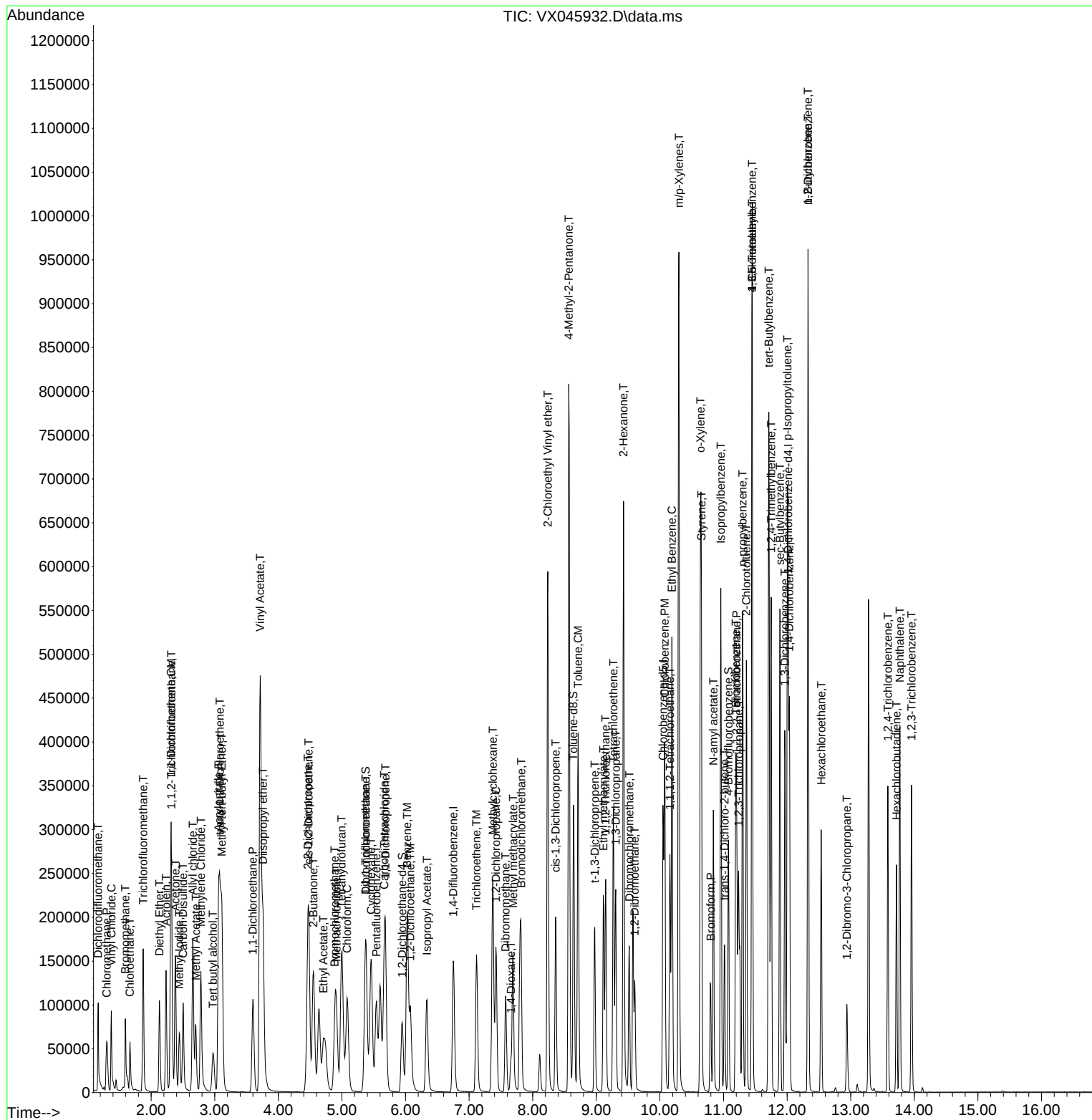
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042525\
Data File : VX045932.D
Acq On : 25 Apr 2025 09:42
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 04/28/2025
Supervised By :Semsettin Yesilyurt 04/28/2025

Quant Time: Apr 25 23:31:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042525\
 Data File : VX045932.D
 Acq On : 25 Apr 2025 09:42
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Apr 25 23:31:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 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	91	0.00
2 T	Dichlorodifluoromethane	0.748	0.743	0.7	83	0.00
3 P	Chloromethane	0.768	0.761	0.9	89	0.00
4 C	Vinyl Chloride	0.703	0.693	1.4#	89	0.00
5 T	Bromomethane	0.333	0.329	1.2	91	0.00
6 T	Chloroethane	0.373	0.398	-6.7	91	0.00
7 T	Trichlorofluoromethane	1.048	1.139	-8.7	96	0.00
8 T	Diethyl Ether	0.352	0.373	-6.0	96	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.614	0.686	-11.7	101	0.00
10 T	Methyl Iodide	0.766	0.818	-6.8	94	0.00
11 T	Tert butyl alcohol	0.123	0.127	-3.3	91	0.00
12 CM	1,1-Dichloroethene	0.600	0.632	-5.3#	96	0.00
13 T	Acrolein	0.169	0.210	-24.3	115	0.00
14 T	Allyl chloride	1.139	1.231	-8.1	96	0.00
15 T	Acrylonitrile	0.388	0.392	-1.0	88	0.00
16 T	Acetone	0.375	0.378	-0.8	91	0.00
17 T	Carbon Disulfide	1.483	1.387	6.5	82	0.00
18 T	Methyl Acetate	0.864	1.003	-16.1	107	0.00
19 T	Methyl tert-butyl Ether	2.100	2.312	-10.1	100	0.00
20 T	Methylene Chloride	0.703	0.726	-3.3	94	0.00
21 T	trans-1,2-Dichloroethene	0.613	0.636	-3.8	93	0.00
22 T	Diisopropyl ether	2.243	2.417	-7.8	96	0.00
23 T	Vinyl Acetate	1.938	2.108	-8.8	92	0.00
24 P	1,1-Dichloroethane	1.269	1.326	-4.5	96	0.00
25 T	2-Butanone	0.550	0.564	-2.5	88	0.00
26 T	2,2-Dichloropropane	0.820	1.047	-27.7#	113	0.00
27 T	cis-1,2-Dichloroethene	0.747	0.775	-3.7	94	0.00
28 T	Bromochloromethane	0.613	0.571	6.9	88	-0.01
29 T	Tetrahydrofuran	0.356	0.352	1.1	87	0.00
30 C	Chloroform	1.306	1.390	-6.4#	97	0.00
31 T	Cyclohexane	1.122	1.178	-5.0	96	0.00
32 T	1,1,1-Trichloroethane	1.105	1.204	-9.0	99	0.00
33 S	1,2-Dichloroethane-d4	0.914	0.933	-2.1	98	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	87	0.00
35 S	Dibromofluoromethane	0.355	0.389	-9.6	98	0.00
36 T	1,1-Dichloropropene	0.479	0.536	-11.9	96	0.00
37 T	Ethyl Acetate	0.604	0.645	-6.8	90	0.00
38 T	Carbon Tetrachloride	0.518	0.611	-18.0	99	0.00
39 T	Methylcyclohexane	0.587	0.693	-18.1	97	0.00
40 TM	Benzene	1.463	1.603	-9.6	94	0.00
41 T	Methacrylonitrile	0.318	0.370	-16.4	92	0.00
42 TM	1,2-Dichloroethane	0.604	0.697	-15.4	98	0.00
43 T	Isopropyl Acetate	0.915	1.037	-13.3	92	0.00
44 TM	Trichloroethene	0.348	0.387	-11.2	96	0.00
45 C	1,2-Dichloropropane	0.365	0.411	-12.6#	95	0.00
46 T	Dibromomethane	0.280	0.312	-11.4	93	0.00
47 T	Bromodichloromethane	0.560	0.640	-14.3	97	0.00
48 T	Methyl methacrylate	0.472	0.539	-14.2	92	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042525\
 Data File : VX045932.D
 Acq On : 25 Apr 2025 09:42
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Apr 25 23:31:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 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	0.009	0.009	0.0	84	0.00
50 S	Toluene-d8	1.238	1.280	-3.4	92	0.00
51 T	4-Methyl-2-Pentanone	0.606	0.680	-12.2	89	0.00
52 CM	Toluene	0.885	0.980	-10.7#	94	0.00
53 T	t-1,3-Dichloropropene	0.467	0.574	-22.9	98	0.00
54 T	cis-1,3-Dichloropropene	0.526	0.644	-22.4	99	0.00
55 T	1,1,2-Trichloroethane	0.353	0.393	-11.3	95	0.00
56 T	Ethyl methacrylate	0.546	0.656	-20.1	95	0.00
57 T	1,3-Dichloropropane	0.614	0.684	-11.4	94	0.00
58 T	2-Chloroethyl Vinyl ether	0.276	0.312	-13.0	91	0.00
59 T	2-Hexanone	0.449	0.502	-11.8	89	0.00
60 T	Dibromochloromethane	0.385	0.456	-18.4	96	0.00
61 T	1,2-Dibromoethane	0.357	0.406	-13.7	95	0.00
62 S	4-Bromofluorobenzene	0.451	0.509	-12.9	98	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	84	0.00
64 T	Tetrachloroethene	0.353	0.432	-22.4	105	0.00
65 PM	Chlorobenzene	1.068	1.219	-14.1	95	0.00
66 T	1,1,1,2-Tetrachloroethane	0.371	0.435	-17.3	98	0.00
67 C	Ethyl Benzene	1.914	2.248	-17.5#	94	0.00
68 T	m/p-Xylenes	0.696	0.821	-18.0	95	0.00
69 T	o-Xylene	0.686	0.810	-18.1	95	0.00
70 T	Styrene	1.132	1.359	-20.1	94	0.00
71 P	Bromoform	0.277	0.331	-19.5	94	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	89	0.00
73 T	Isopropylbenzene	4.005	4.502	-12.4	96	0.00
74 T	N-amyl acetate	1.916	2.219	-15.8	96	0.00
75 P	1,1,2,2-Tetrachloroethane	1.407	1.442	-2.5	93	0.00
76 T	1,2,3-Trichloropropane	1.220	1.293	-6.0	94	0.00
77 T	Bromobenzene	0.925	1.002	-8.3	95	0.00
78 T	n-propylbenzene	4.613	5.257	-14.0	96	0.00
79 T	2-Chlorotoluene	2.949	3.210	-8.9	96	0.00
80 T	1,3,5-Trimethylbenzene	3.312	3.819	-15.3	97	0.00
81 T	trans-1,4-Dichloro-2-butene	0.359	0.421	-17.3	101	0.00
82 T	4-Chlorotoluene	3.288	3.755	-14.2	97	0.00
83 T	tert-Butylbenzene	3.279	3.713	-13.2	96	0.00
84 T	1,2,4-Trimethylbenzene	3.324	3.855	-16.0	97	0.00
85 T	sec-Butylbenzene	4.027	4.805	-19.3	100	0.00
86 T	p-Isopropyltoluene	3.320	3.953	-19.1	100	0.00
87 T	1,3-Dichlorobenzene	1.684	1.897	-12.6	99	0.00
88 T	1,4-Dichlorobenzene	1.708	1.908	-11.7	100	0.00
89 T	n-Butylbenzene	2.879	3.606	-25.3#	102	0.00
90 T	Hexachloroethane	0.571	0.690	-20.8	103	0.00
91 T	1,2-Dichlorobenzene	1.675	1.878	-12.1	100	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.294	0.331	-12.6	93	0.00
93 T	1,2,4-Trichlorobenzene	0.932	1.099	-17.9	103	0.00
94 T	Hexachlorobutadiene	0.402	0.479	-19.2	106	0.00
95 T	Naphthalene	3.469	3.912	-12.8	94	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042525\
Data File : VX045932.D
Acq On : 25 Apr 2025 09:42
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Apr 25 23:31:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 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	0.976	1.126	-15.4	100	0.00

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042525\
 Data File : VX045932.D
 Acq On : 25 Apr 2025 09:42
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Apr 25 23:31:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 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	91	0.00
2 T	Dichlorodifluoromethane	50.000	49.702	0.6	83	0.00
3 P	Chloromethane	50.000	49.556	0.9	89	0.00
4 C	Vinyl Chloride	50.000	49.295	1.4#	89	0.00
5 T	Bromomethane	50.000	49.386	1.2	91	0.00
6 T	Chloroethane	50.000	53.384	-6.8	91	0.00
7 T	Trichlorofluoromethane	50.000	54.309	-8.6	96	0.00
8 T	Diethyl Ether	50.000	52.926	-5.9	96	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	55.873	-11.7	101	0.00
10 T	Methyl Iodide	50.000	53.405	-6.8	94	0.00
11 T	Tert butyl alcohol	250.000	257.436	-3.0	91	0.00
12 CM	1,1-Dichloroethene	50.000	52.621	-5.2#	96	0.00
13 T	Acrolein	250.000	310.900	-24.4	115	0.00
14 T	Allyl chloride	50.000	54.030	-8.1	96	0.00
15 T	Acrylonitrile	250.000	252.328	-0.9	88	0.00
16 T	Acetone	250.000	251.386	-0.6	91	0.00
17 T	Carbon Disulfide	50.000	46.793	6.4	82	0.00
18 T	Methyl Acetate	50.000	58.017	-16.0	107	0.00
19 T	Methyl tert-butyl Ether	50.000	55.065	-10.1	100	0.00
20 T	Methylene Chloride	50.000	51.641	-3.3	94	0.00
21 T	trans-1,2-Dichloroethene	50.000	51.863	-3.7	93	0.00
22 T	Diisopropyl ether	50.000	53.861	-7.7	96	0.00
23 T	Vinyl Acetate	250.000	271.884	-8.8	92	0.00
24 P	1,1-Dichloroethane	50.000	52.244	-4.5	96	0.00
25 T	2-Butanone	250.000	256.429	-2.6	88	0.00
26 T	2,2-Dichloropropane	50.000	63.860	-27.7#	113	0.00
27 T	cis-1,2-Dichloroethene	50.000	51.880	-3.8	94	0.00
28 T	Bromochloromethane	50.000	46.532	6.9	88	-0.01
29 T	Tetrahydrofuran	250.000	246.691	1.3	87	0.00
30 C	Chloroform	50.000	53.253	-6.5#	97	0.00
31 T	Cyclohexane	50.000	52.513	-5.0	96	0.00
32 T	1,1,1-Trichloroethane	50.000	54.484	-9.0	99	0.00
33 S	1,2-Dichloroethane-d4	50.000	51.017	-2.0	98	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	87	0.00
35 S	Dibromofluoromethane	50.000	54.864	-9.7	98	0.00
36 T	1,1-Dichloropropene	50.000	55.933	-11.9	96	0.00
37 T	Ethyl Acetate	50.000	53.455	-6.9	90	0.00
38 T	Carbon Tetrachloride	50.000	58.977	-18.0	99	0.00
39 T	Methylcyclohexane	50.000	59.008	-18.0	97	0.00
40 TM	Benzene	50.000	54.803	-9.6	94	0.00
41 T	Methacrylonitrile	50.000	58.088	-16.2	92	0.00
42 TM	1,2-Dichloroethane	50.000	57.696	-15.4	98	0.00
43 T	Isopropyl Acetate	50.000	56.691	-13.4	92	0.00
44 TM	Trichloroethene	50.000	55.711	-11.4	96	0.00
45 C	1,2-Dichloropropane	50.000	56.300	-12.6#	95	0.00
46 T	Dibromomethane	50.000	55.754	-11.5	93	0.00
47 T	Bromodichloromethane	50.000	57.194	-14.4	97	0.00
48 T	Methyl methacrylate	50.000	57.089	-14.2	92	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042525\
 Data File : VX045932.D
 Acq On : 25 Apr 2025 09:42
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Apr 25 23:31:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 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	1043.746	-4.4	84	0.00
50 S	Toluene-d8	50.000	51.669	-3.3	92	0.00
51 T	4-Methyl-2-Pentanone	250.000	280.120	-12.0	89	0.00
52 CM	Toluene	50.000	55.370	-10.7#	94	0.00
53 T	t-1,3-Dichloropropene	50.000	53.158	-6.3	98	0.00
54 T	cis-1,3-Dichloropropene	50.000	61.233	-22.5	99	0.00
55 T	1,1,2-Trichloroethane	50.000	55.697	-11.4	95	0.00
56 T	Ethyl methacrylate	50.000	60.070	-20.1	95	0.00
57 T	1,3-Dichloropropane	50.000	55.669	-11.3	94	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	282.573	-13.0	91	0.00
59 T	2-Hexanone	250.000	279.374	-11.7	89	0.00
60 T	Dibromochloromethane	50.000	59.291	-18.6	96	0.00
61 T	1,2-Dibromoethane	50.000	56.856	-13.7	95	0.00
62 S	4-Bromofluorobenzene	50.000	56.387	-12.8	98	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	84	0.00
64 T	Tetrachloroethene	50.000	61.227	-22.5	105	0.00
65 PM	Chlorobenzene	50.000	57.052	-14.1	95	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	58.631	-17.3	98	0.00
67 C	Ethyl Benzene	50.000	58.727	-17.5#	94	0.00
68 T	m/p-Xylenes	100.000	117.913	-17.9	95	0.00
69 T	o-Xylene	50.000	59.055	-18.1	95	0.00
70 T	Styrene	50.000	60.030	-20.1	94	0.00
71 P	Bromoform	50.000	59.679	-19.4	94	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	89	0.00
73 T	Isopropylbenzene	50.000	56.209	-12.4	96	0.00
74 T	N-amyl acetate	50.000	57.905	-15.8	96	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	51.241	-2.5	93	0.00
76 T	1,2,3-Trichloropropane	50.000	52.990	-6.0	94	0.00
77 T	Bromobenzene	50.000	54.166	-8.3	95	0.00
78 T	n-propylbenzene	50.000	56.979	-14.0	96	0.00
79 T	2-Chlorotoluene	50.000	54.429	-8.9	96	0.00
80 T	1,3,5-Trimethylbenzene	50.000	57.659	-15.3	97	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	58.547	-17.1	101	0.00
82 T	4-Chlorotoluene	50.000	57.104	-14.2	97	0.00
83 T	tert-Butylbenzene	50.000	56.625	-13.3	96	0.00
84 T	1,2,4-Trimethylbenzene	50.000	57.985	-16.0	97	0.00
85 T	sec-Butylbenzene	50.000	59.663	-19.3	100	0.00
86 T	p-Isopropyltoluene	50.000	59.536	-19.1	100	0.00
87 T	1,3-Dichlorobenzene	50.000	56.315	-12.6	99	0.00
88 T	1,4-Dichlorobenzene	50.000	55.865	-11.7	100	0.00
89 T	n-Butylbenzene	50.000	62.615	-25.2#	102	0.00
90 T	Hexachloroethane	50.000	60.497	-21.0	103	0.00
91 T	1,2-Dichlorobenzene	50.000	56.073	-12.1	100	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	56.214	-12.4	93	0.00
93 T	1,2,4-Trichlorobenzene	50.000	58.949	-17.9	103	0.00
94 T	Hexachlorobutadiene	50.000	59.608	-19.2	106	0.00
95 T	Naphthalene	50.000	56.388	-12.8	94	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042525\
Data File : VX045932.D
Acq On : 25 Apr 2025 09:42
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Apr 25 23:31:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 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	57.678	-15.4	100	0.00

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



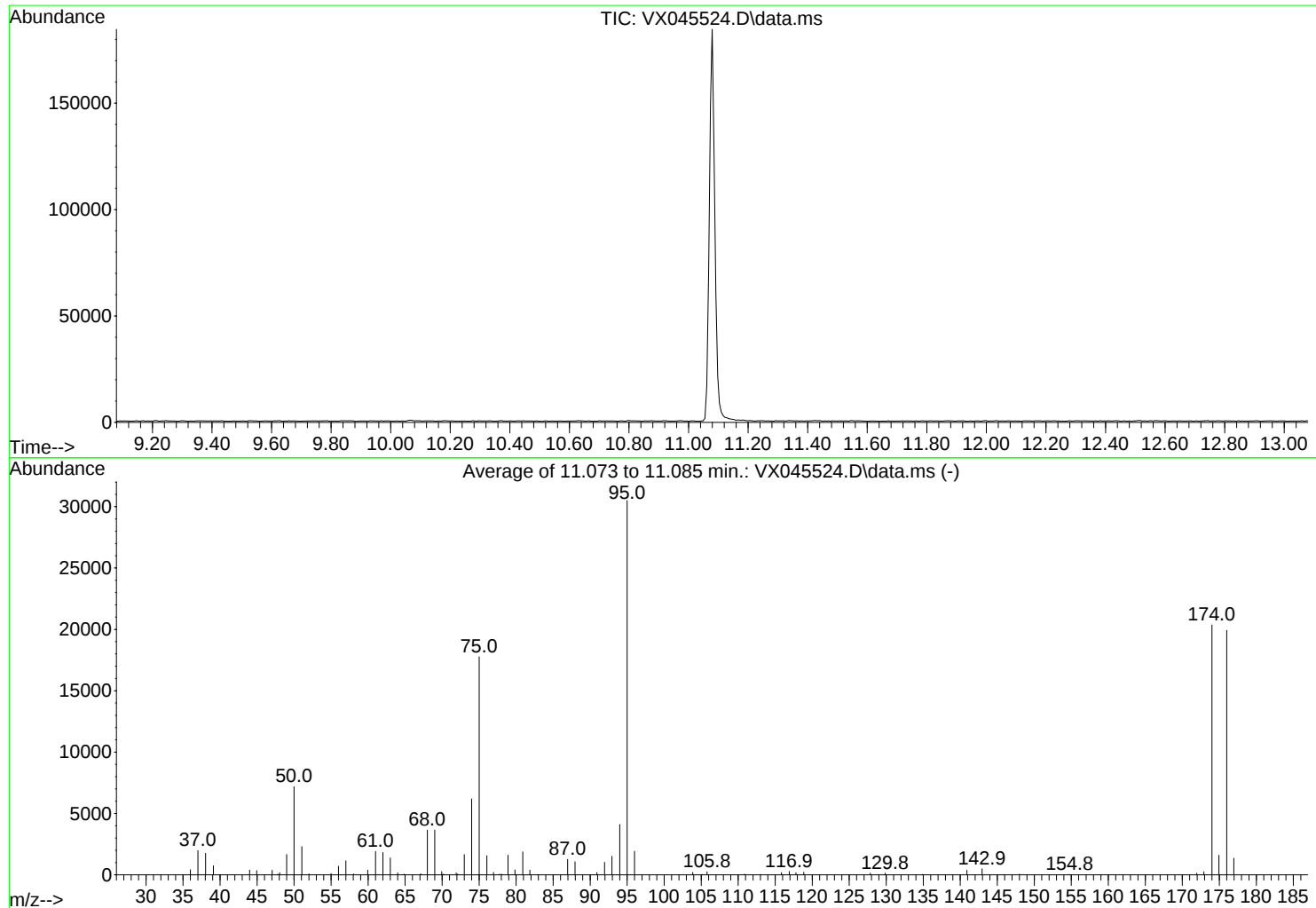
QC SAMPLE DATA

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045524.D
Acq On : 01 Apr 2025 16:15
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\82X040225W.M
Title : SW846 8260
Last Update : Wed Apr 02 03:11:43 2025



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

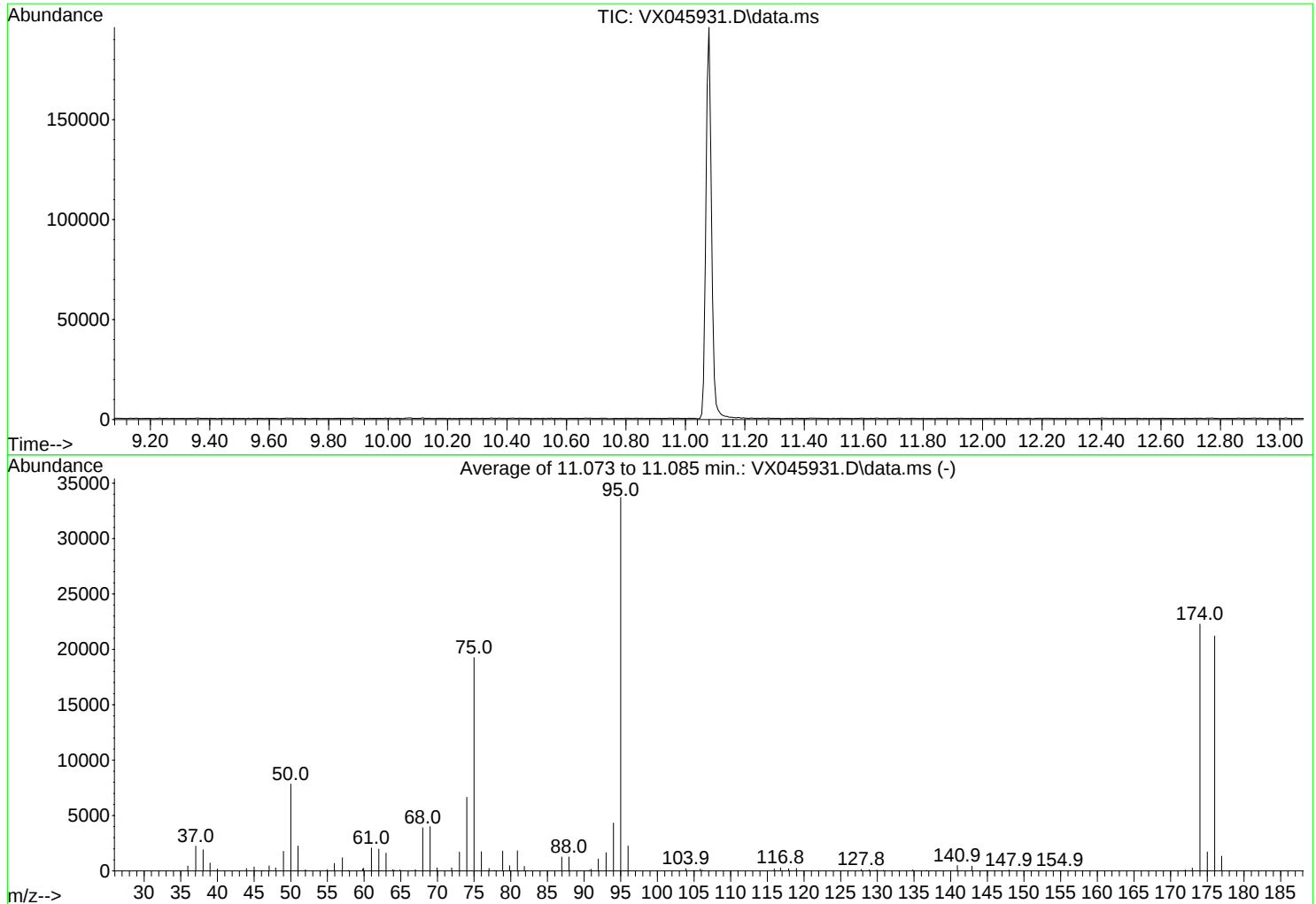
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	23.6	7184	PASS
75	95	30	60	58.2	17768	PASS
95	95	100	100	100.0	30504	PASS
96	95	5	9	6.3	1916	PASS
173	174	0.00	2	1.2	253	PASS
174	95	50	100	66.8	20365	PASS
175	174	5	9	7.8	1596	PASS
176	174	95	101	97.8	19923	PASS
177	176	5	9	6.8	1352	PASS

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042525\
Data File : VX045931.D
Acq On : 25 Apr 2025 09:13
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\82X040225W.M
Title : SW846 8260
Last Update : Wed Apr 02 03:11:43 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	23.3	7838	PASS
75	95	30	60	57.1	19254	PASS
95	95	100	100	100.0	33707	PASS
96	95	5	9	6.7	2256	PASS
173	174	0.00	2	1.2	267	PASS
174	95	50	100	66.1	22280	PASS
175	174	5	9	7.7	1717	PASS
176	174	95	101	95.2	21200	PASS
177	176	5	9	6.2	1324	PASS

Report of Analysis

Client:	Chemtech Consulting Group		Date Collected:	
Project:	Weekly Storage Blanks		Date Received:	
Client Sample ID:	VX0425WBL01		SDG No.:	Q1888
Lab Sample ID:	VX0425WBL01		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
VX045934.D	1		04/25/25 11:01	VX042525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.22	U	0.22	1.00	ug/L
74-87-3	Chloromethane	0.32	U	0.32	1.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
141-78-6	Ethyl Acetate	0.31	U	0.31	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	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	5.50	U	5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
107-02-8	Acrolein	7.10	U	7.10	25.0	ug/L
107-13-1	Acrylonitrile	0.83	U	0.83	5.00	ug/L
67-64-1	Acetone	1.50	U	1.50	5.00	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	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	0.27	U	0.27	1.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	1.00	ug/L
108-05-4	Vinyl Acetate	0.66	U	0.66	5.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	1.50	U	1.50	5.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
594-20-7	2,2-Dichloropropane	0.21	U	0.21	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	1.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	1.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
108-87-2	Methylcyclohexane	0.16	U	0.16	1.00	ug/L
563-58-6	1,1-Dichloropropene	0.15	U	0.15	1.00	ug/L

Report of Analysis

Client:	Chemtech Consulting Group		Date Collected:	
Project:	Weekly Storage Blanks		Date Received:	
Client Sample ID:	VX0425WBL01		SDG No.:	Q1888
Lab Sample ID:	VX0425WBL01		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
VX045934.D	1		04/25/25 11:01	VX042525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
71-43-2	Benzene	0.15	U	0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	1.00	ug/L
74-95-3	Dibromomethane	0.25	U	0.25	1.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	5.00	ug/L
108-88-3	Toluene	0.14	U	0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	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	0.19	U	0.19	1.00	ug/L
110-75-8	2-Chloroethyl Vinyl ether	0.30	U	0.30	5.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
630-20-6	1,1,1,2-Tetrachloroethane	0.19	U	0.19	1.00	ug/L
67-72-1	Hexachloroethane	0.32	U	0.32	0	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	0.24	U	0.24	2.00	ug/L
95-47-6	o-Xylene	0.12	U	0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	1.00	ug/L
98-82-8	Isopropylbenzene	0.12	U	0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
96-18-4	1,2,3-Trichloropropane	0.35	U	0.35	1.00	ug/L
108-86-1	Bromobenzene	0.24	U	0.24	1.00	ug/L
103-65-1	n-propylbenzene	0.13	U	0.13	1.00	ug/L
95-49-8	2-Chlorotoluene	0.14	U	0.14	1.00	ug/L

Report of Analysis

Client:	Chemtech Consulting Group			Date Collected:	
Project:	Weekly Storage Blanks			Date Received:	
Client Sample ID:	VX0425WBL01			SDG No.:	Q1888
Lab Sample ID:	VX0425WBL01			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
VX045934.D	1		04/25/25 11:01	VX042525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-67-8	1,3,5-Trimethylbenzene	0.15	U	0.15	1.00	ug/L
106-43-4	4-Chlorotoluene	0.13	U	0.13	1.00	ug/L
98-06-6	tert-Butylbenzene	0.14	U	0.14	1.00	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.14	U	0.14	1.00	ug/L
135-98-8	sec-Butylbenzene	0.13	U	0.13	1.00	ug/L
99-87-6	p-Isopropyltoluene	0.13	U	0.13	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
104-51-8	n-Butylbenzene	0.15	U	0.15	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
87-68-3	Hexachlorobutadiene	0.30	U	0.30	1.00	ug/L
91-20-3	Naphthalene	0.20	U	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	54.2		74 - 125	108%	SPK: 50
1868-53-7	Dibromofluoromethane	51.8		75 - 124	104%	SPK: 50
2037-26-5	Toluene-d8	50.3		86 - 113	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	55.2		77 - 121	110%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	68400	5.544			
540-36-3	1,4-Difluorobenzene	133000	6.757			
3114-55-4	Chlorobenzene-d5	127000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	56100	12.018			

Report of Analysis

Client:	Chemtech Consulting Group			Date Collected:	
Project:	Weekly Storage Blanks			Date Received:	
Client Sample ID:	VX0425WBL01			SDG No.:	Q1888
Lab Sample ID:	VX0425WBL01			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
VX045934.D	1		04/25/25 11:01	VX042525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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\VX042525\
 Data File : VX045934.D
 Acq On : 25 Apr 2025 11:01
 Operator : JC/MD
 Sample : VX0425WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0425WBL01

Quant Time: Apr 25 22:58:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	68371	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	133259	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	127467	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	56095	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	67770	54.202	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	108.400%
35) Dibromofluoromethane	5.385	113	49021	51.848	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.700%
50) Toluene-d8	8.647	98	166013	50.306	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.620%
62) 4-Bromofluorobenzene	11.079	95	66376	55.219	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	110.440%

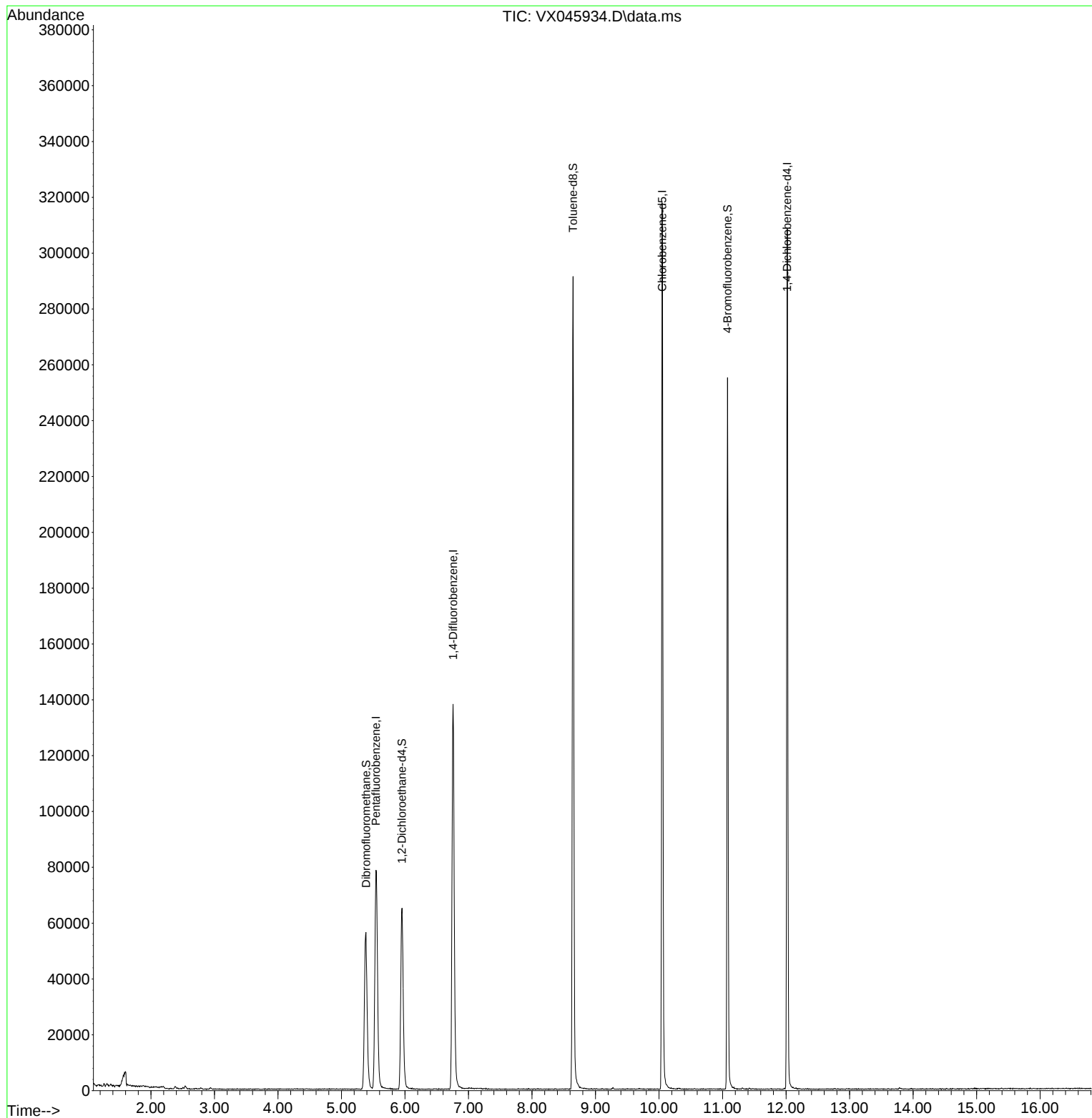
Target Compounds	Qvalue

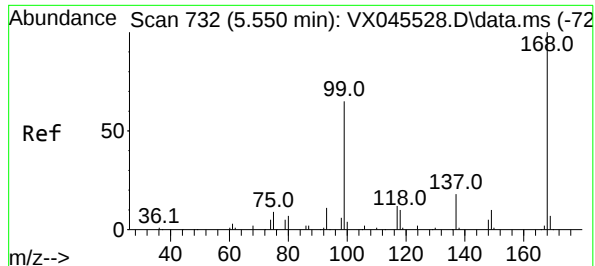
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042525\
Data File : VX045934.D
Acq On : 25 Apr 2025 11:01
Operator : JC/MD
Sample : VX0425WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0425WBL01

Quant Time: Apr 25 22:58:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

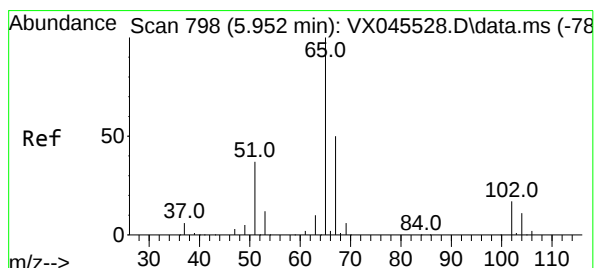
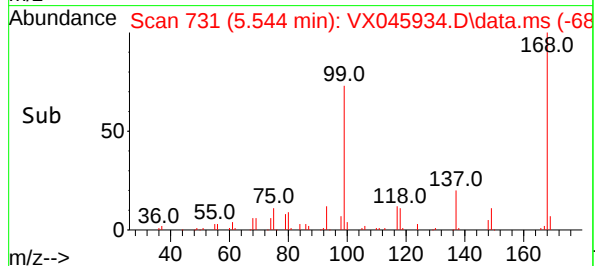
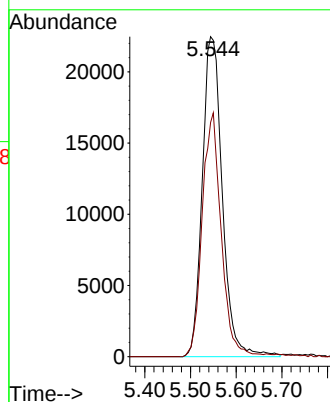
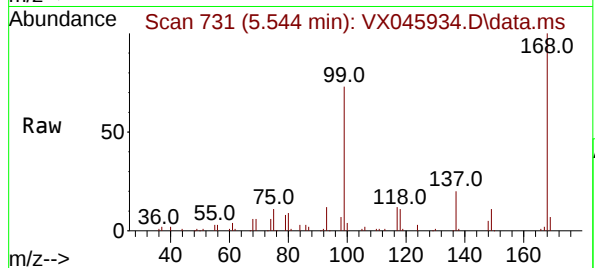




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.006 min
Lab File: VX045934.D
Acq: 25 Apr 2025 11:01

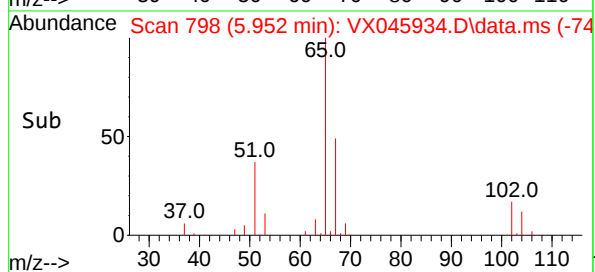
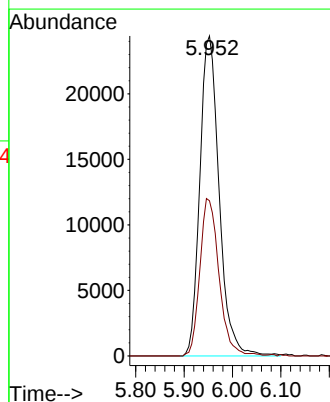
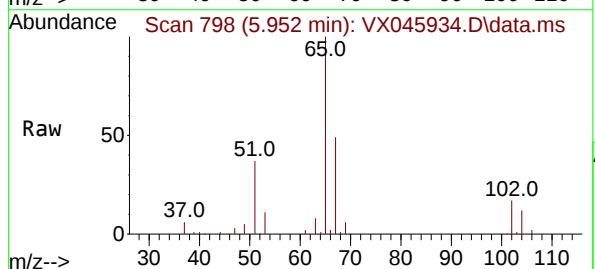
Instrument :
MSVOA_X
ClientSampleId :
VX0425WBL01

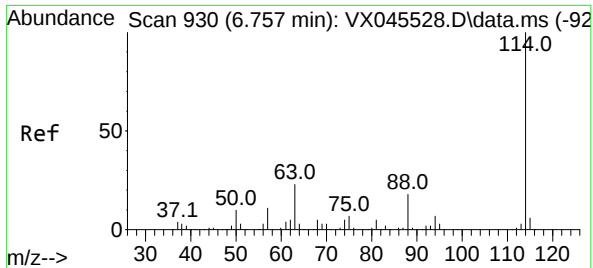
Tgt Ion:168 Resp: 68371
Ion Ratio Lower Upper
168 100
99 73.2 52.3 78.5



#33
1,2-Dichloroethane-d4
Concen: 54.202 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045934.D
Acq: 25 Apr 2025 11:01

Tgt Ion: 65 Resp: 67770
Ion Ratio Lower Upper
65 100
67 48.8 0.0 99.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX045934.D

Acq: 25 Apr 2025 11:01

Instrument :

MSVOA_X

ClientSampleId :

VX0425WBL01

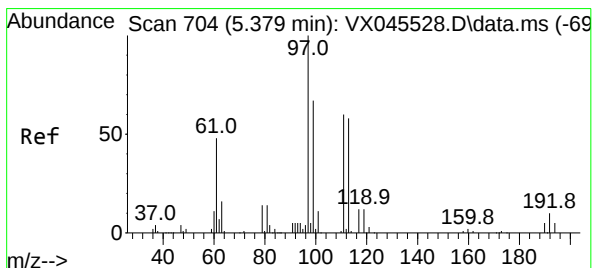
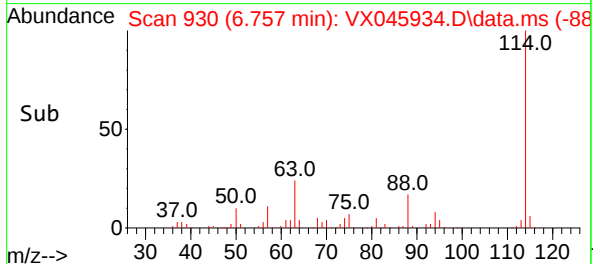
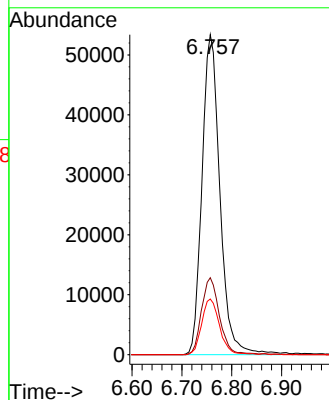
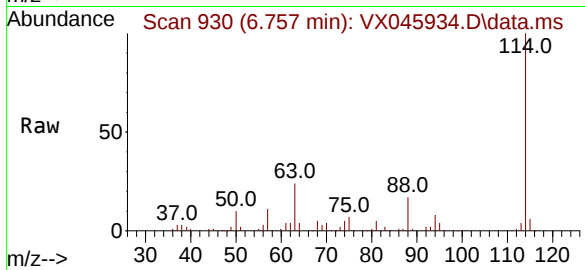
Tgt Ion:114 Resp: 133259

Ion Ratio Lower Upper

114 100

63 24.1 0.0 46.8

88 17.4 0.0 35.4



#35

Dibromofluoromethane

Concen: 51.848 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX045934.D

Acq: 25 Apr 2025 11:01

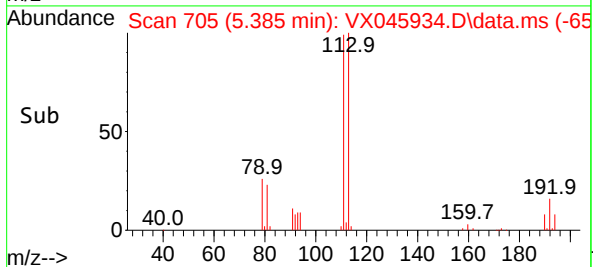
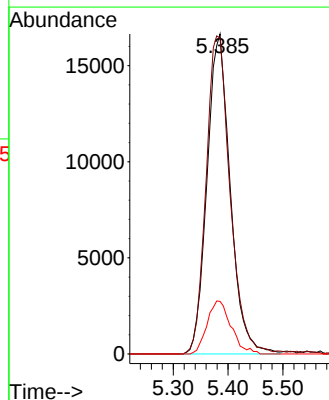
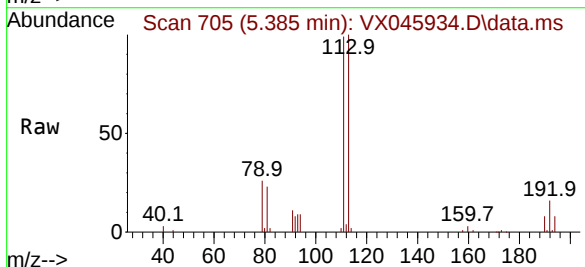
Tgt Ion:113 Resp: 49021

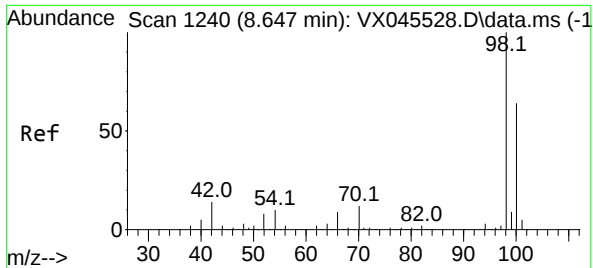
Ion Ratio Lower Upper

113 100

111 102.5 81.8 122.6

192 17.1 13.8 20.6





#50

Toluene-d8

Concen: 50.306 ug/l

RT: 8.647 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX045934.D

Acq: 25 Apr 2025 11:01

Instrument :

MSVOA_X

ClientSampleId :

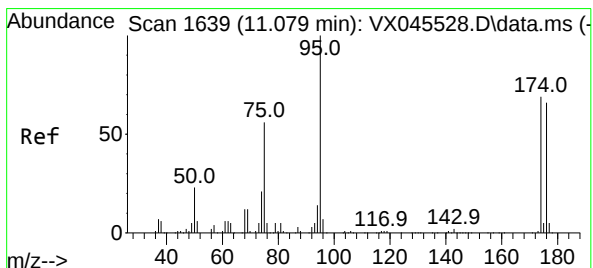
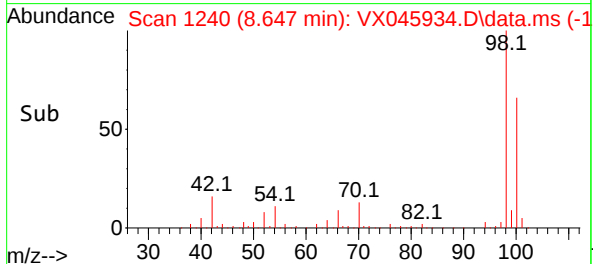
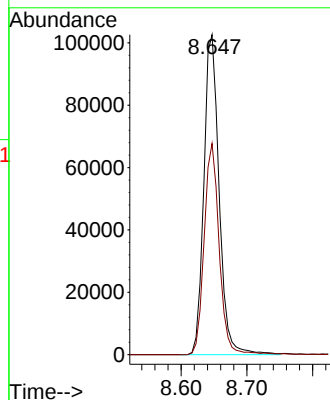
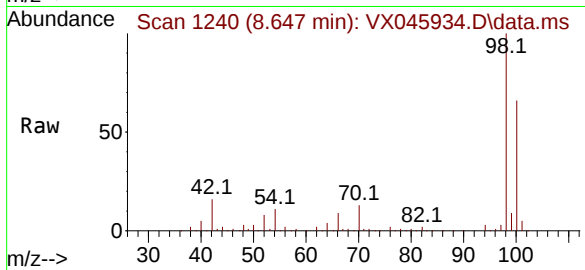
VX0425WBL01

Tgt Ion: 98 Resp: 166013

Ion Ratio Lower Upper

98 100

100 65.2 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 55.219 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX045934.D

Acq: 25 Apr 2025 11:01

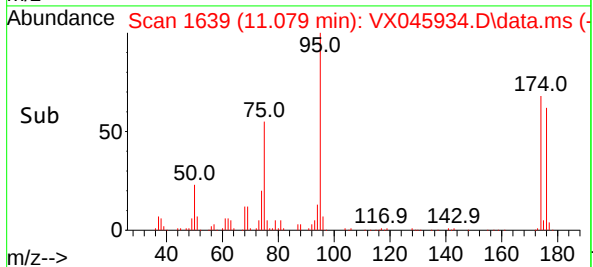
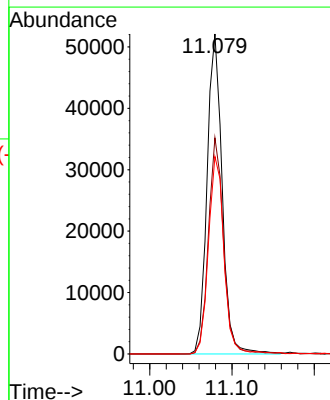
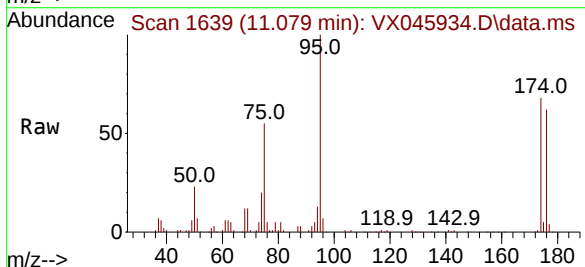
Tgt Ion: 95 Resp: 66376

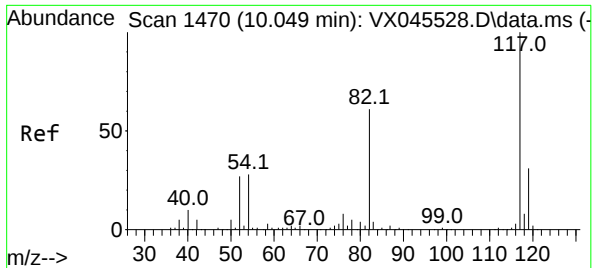
Ion Ratio Lower Upper

95 100

174 67.9 0.0 135.8

176 63.7 0.0 131.4

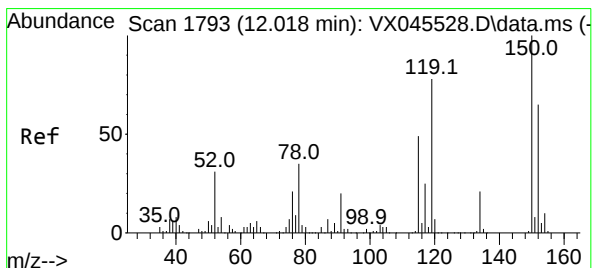
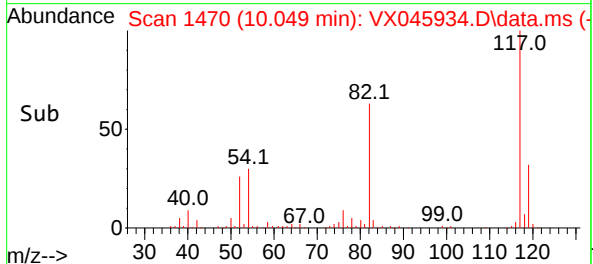
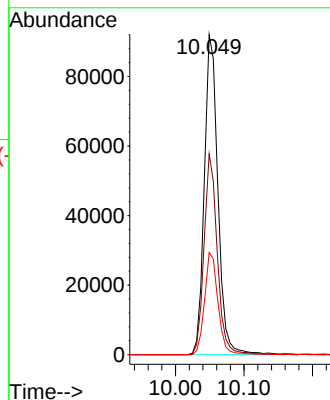
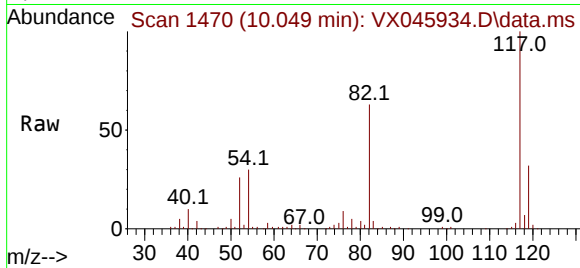




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045934.D
Acq: 25 Apr 2025 11:01

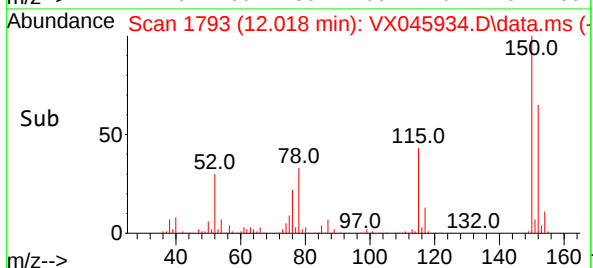
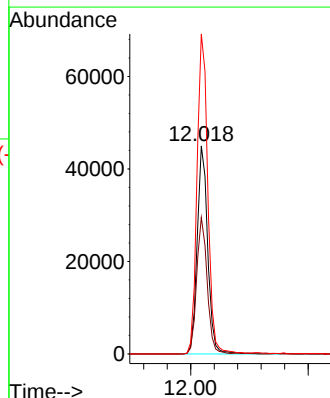
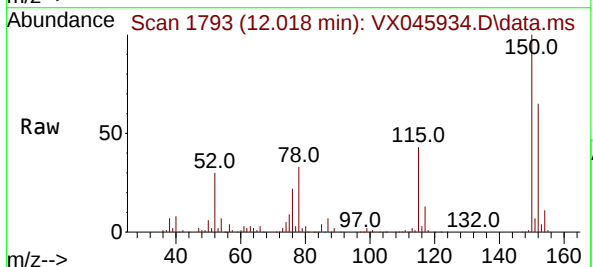
Instrument :
MSVOA_X
ClientSampleId :
VX0425WBL01

Tgt Ion	Ratio	Lower	Upper
117	100		
82	62.8	49.2	73.8
119	31.9	25.1	37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045934.D
Acq: 25 Apr 2025 11:01

Tgt Ion	Ratio	Lower	Upper
152	100		
115	65.1	46.9	140.7
150	156.8	0.0	349.4



Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	
Project:	Weekly Storage Blanks	Date Received:	
Client Sample ID:	VX0425WBS01	SDG No.:	Q1888
Lab Sample ID:	VX0425WBS01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5	Units:	mL
Soil Aliquot Vol:			uL
GC Column:	DB-624UI	ID :	0.18
Prep Method :		Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045935.D	1		04/25/25 11:32	VX042525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	17.2		0.22	1.00	ug/L
74-87-3	Chloromethane	15.7		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	16.2		0.26	1.00	ug/L
141-78-6	Ethyl Acetate	18.6		0.31	1.00	ug/L
74-83-9	Bromomethane	17.0		1.40	5.00	ug/L
75-00-3	Chloroethane	17.4		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	18.9		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	19.9		0.25	1.00	ug/L
75-65-0	Tert butyl alcohol	96.8		5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	18.1		0.23	1.00	ug/L
107-02-8	Acrolein	95.9		7.10	25.0	ug/L
107-13-1	Acrylonitrile	92.8		0.83	5.00	ug/L
67-64-1	Acetone	98.5		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	13.6		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	19.8		0.16	1.00	ug/L
79-20-9	Methyl Acetate	25.2		0.27	1.00	ug/L
75-09-2	Methylene Chloride	18.1		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	17.7		0.23	1.00	ug/L
108-05-4	Vinyl Acetate	93.9		0.66	5.00	ug/L
75-34-3	1,1-Dichloroethane	19.0		0.23	1.00	ug/L
110-82-7	Cyclohexane	17.3		1.50	5.00	ug/L
78-93-3	2-Butanone	97.6		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	20.8		0.25	1.00	ug/L
594-20-7	2,2-Dichloropropane	22.8		0.21	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	19.0		0.19	1.00	ug/L
74-97-5	Bromochloromethane	21.8		0.22	1.00	ug/L
67-66-3	Chloroform	19.2		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	19.6		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	19.9		0.16	1.00	ug/L
563-58-6	1,1-Dichloropropene	20.3		0.15	1.00	ug/L

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	
Project:	Weekly Storage Blanks	Date Received:	
Client Sample ID:	VX0425WBS01	SDG No.:	Q1888
Lab Sample ID:	VX0425WBS01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5	Units:	mL
Soil Aliquot Vol:			uL
GC Column:	DB-624UI	ID :	0.18
Prep Method :		Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045935.D	1		04/25/25 11:32	VX042525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
71-43-2	Benzene	19.8		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	21.4		0.22	1.00	ug/L
79-01-6	Trichloroethene	19.4		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	20.8		0.20	1.00	ug/L
74-95-3	Dibromomethane	20.5		0.25	1.00	ug/L
75-27-4	Bromodichloromethane	21.4		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	110		0.68	5.00	ug/L
108-88-3	Toluene	20.0		0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	19.8		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	20.8		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	21.4		0.21	1.00	ug/L
142-28-9	1,3-Dichloropropane	21.1		0.19	1.00	ug/L
110-75-8	2-Chloroethyl Vinyl ether	95.8		0.30	5.00	ug/L
591-78-6	2-Hexanone	100		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	21.1		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	21.1		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	19.9		0.23	1.00	ug/L
108-90-7	Chlorobenzene	20.5		0.12	1.00	ug/L
630-20-6	1,1,1,2-Tetrachloroethane	20.8		0.19	1.00	ug/L
67-72-1	Hexachloroethane	21.3		0.32	0	ug/L
100-41-4	Ethyl Benzene	20.4		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	41.6		0.24	2.00	ug/L
95-47-6	o-Xylene	20.9		0.12	1.00	ug/L
100-42-5	Styrene	21.0		0.15	1.00	ug/L
75-25-2	Bromoform	20.0		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	20.0		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	19.7		0.26	1.00	ug/L
96-18-4	1,2,3-Trichloropropane	19.4		0.35	1.00	ug/L
108-86-1	Bromobenzene	19.6		0.24	1.00	ug/L
103-65-1	n-propylbenzene	20.1		0.13	1.00	ug/L
95-49-8	2-Chlorotoluene	19.8		0.14	1.00	ug/L

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	
Project:	Weekly Storage Blanks	Date Received:	
Client Sample ID:	VX0425WBS01	SDG No.:	Q1888
Lab Sample ID:	VX0425WBS01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5	Units:	mL
Soil Aliquot Vol:			uL
GC Column:	DB-624UI	ID :	0.18
Prep Method :		Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045935.D	1		04/25/25 11:32	VX042525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-67-8	1,3,5-Trimethylbenzene	20.3		0.15	1.00	ug/L
106-43-4	4-Chlorotoluene	20.5		0.13	1.00	ug/L
98-06-6	tert-Butylbenzene	20.9		0.14	1.00	ug/L
95-63-6	1,2,4-Trimethylbenzene	20.5		0.14	1.00	ug/L
135-98-8	sec-Butylbenzene	21.0		0.13	1.00	ug/L
99-87-6	p-Isopropyltoluene	20.8		0.13	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	20.1		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	20.0		0.19	1.00	ug/L
104-51-8	n-Butylbenzene	20.7		0.15	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	20.5		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	21.3		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	21.1		0.20	1.00	ug/L
87-68-3	Hexachlorobutadiene	21.5		0.30	1.00	ug/L
91-20-3	Naphthalene	19.6		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	20.8		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	50.7		74 - 125	101%	SPK: 50
1868-53-7	Dibromofluoromethane	54.7		75 - 124	109%	SPK: 50
2037-26-5	Toluene-d8	52.2		86 - 113	104%	SPK: 50
460-00-4	4-Bromofluorobenzene	55.9		77 - 121	112%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	87400	5.544			
540-36-3	1,4-Difluorobenzene	146000	6.751			
3114-55-4	Chlorobenzene-d5	130000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	61600	12.018			

Report of Analysis

Client:	Chemtech Consulting Group			Date Collected:	
Project:	Weekly Storage Blanks			Date Received:	
Client Sample ID:	VX0425WBS01			SDG No.:	Q1888
Lab Sample ID:	VX0425WBS01			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
VX045935.D	1		04/25/25 11:32	VX042525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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\VX042525\
 Data File : VX045935.D
 Acq On : 25 Apr 2025 11:32
 Operator : JC/MD
 Sample : VX0425WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0425WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/28/2025
 Supervised By : Semsettin Yesilyurt 04/28/2025

Quant Time: Apr 25 22:58:46 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	87404	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	146052	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	129533	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	61645	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	81057	50.712	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.420%			
35) Dibromofluoromethane	5.379	113	56652	54.671	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.340%			
50) Toluene-d8	8.641	98	188962	52.244	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.480%			
62) 4-Bromofluorobenzene	11.079	95	73656	55.908	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 111.820%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	22450	17.175	ug/l	100
3) Chloromethane	1.307	50	21041	15.669	ug/l	97
4) Vinyl Chloride	1.368	62	19912	16.203	ug/l	97
5) Bromomethane	1.593	94	9924	17.031	ug/l	99
6) Chloroethane	1.672	64	11365	17.431	ug/l	99
7) Trichlorofluoromethane	1.880	101	34588	18.874	ug/l	97
8) Diethyl Ether	2.130	74	11691	19.002	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.319	101	21414	19.941	ug/l	97
10) Methyl Iodide	2.447	142	23362	17.442	ug/l	97
11) Tert butyl alcohol	2.965	59	20788	96.773	ug/l	98
12) 1,1-Dichloroethene	2.313	96	18989	18.097	ug/l	96
13) Acrolein	2.233	56	28382	95.947	ug/l	99
14) Allyl chloride	2.654	41	37541	18.856	ug/l	99
15) Acrylonitrile	3.056	53	62918	92.788	ug/l	99
16) Acetone	2.380	43	64626	98.464	ug/l	97
17) Carbon Disulfide	2.502	76	35372	13.649	ug/l	99
18) Methyl Acetate	2.703	43	38069	25.192	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	72681	19.801	ug/l	99
20) Methylene Chloride	2.782	84	22275	18.128	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	18923	17.652	ug/l	97
22) Diisopropyl ether	3.751	45	75522	19.257	ug/l #	80
23) Vinyl Acetate	3.715	43	318024	93.857	ug/l	100
24) 1,1-Dichloroethane	3.599	63	42120	18.991	ug/l	99
25) 2-Butanone	4.550	43	93765	97.595	ug/l	99
26) 2,2-Dichloropropane	4.465	77	32668	22.797	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	24798	18.987	ug/l	98
28) Bromochloromethane	4.891	49	23372	21.806	ug/l	96
29) Tetrahydrofuran	5.001	42	56385	90.522	ug/l	99
30) Chloroform	5.086	83	43922	19.246	ug/l	99
31) Cyclohexane	5.458	56	33874	17.276	ug/l	97
32) 1,1,1-Trichloroethane	5.367	97	37793	19.571	ug/l	100
36) 1,1-Dichloropropene	5.684	75	28354	20.265	ug/l	97
37) Ethyl Acetate	4.715	43	32779	18.591	ug/l	98
38) Carbon Tetrachloride	5.672	117	31428	20.784	ug/l	98
39) Methylcyclohexane	7.373	83	34154	19.914	ug/l	98
40) Benzene	6.031	78	84404	19.752	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042525\
 Data File : VX045935.D
 Acq On : 25 Apr 2025 11:32
 Operator : JC/MD
 Sample : VX0425WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0425WBS01

Manual Integrations
 APPROVED

Reviewed By :John Carlone 04/28/2025
 Supervised By :Semsettin Yesilyurt 04/28/2025

Quant Time: Apr 25 22:58:46 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	19832	21.318	ug/l	98
42) 1,2-Dichloroethane	6.080	62	37806	21.421	ug/l	98
43) Isopropyl Acetate	6.336	43	55106	20.621	ug/l	100
44) Trichloroethene	7.117	130	19725	19.421	ug/l	96
45) 1,2-Dichloropropane	7.428	63	22138	20.764	ug/l	99
46) Dibromomethane	7.574	93	16778	20.500	ug/l	95
47) Bromodichloromethane	7.818	83	34900	21.352	ug/l	98
48) Methyl methacrylate	7.690	41	27993	20.288	ug/l	99
49) 1,4-Dioxane	7.659	88	10331	413.836	ug/l	97
51) 4-Methyl-2-Pentanone	8.568	43	188421	106.359	ug/l	99
52) Toluene	8.714	92	51645	19.974	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	28770	19.755	ug/l	98
54) cis-1,3-Dichloropropene	8.360	75	31998	20.833	ug/l	96
55) 1,1,2-Trichloroethane	9.147	97	22063	21.413	ug/l	97
56) Ethyl methacrylate	9.116	69	33959	21.296	ug/l	98
57) 1,3-Dichloropropane	9.305	76	37786	21.060	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	77298	95.825	ug/l	99
59) 2-Hexanone	9.427	43	136587	104.115	ug/l	100
60) Dibromochloromethane	9.519	129	23711	21.109	ug/l	99
61) 1,2-Dibromoethane	9.604	107	21981	21.074	ug/l	99
64) Tetrachloroethene	9.269	164	18187	19.886	ug/l	97
65) Chlorobenzene	10.073	112	56674	20.475	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	20016	20.829	ug/l	100
67) Ethyl Benzene	10.189	91	101337	20.442	ug/l	99
68) m/p-Xylenes	10.299	106	75054	41.627	ug/l	100
69) o-Xylene	10.640	106	37048	20.858	ug/l	100
70) Styrene	10.653	104	61598	21.012	ug/l	99
71) Bromoform	10.799	173	14372	20.030	ug/l #	100
73) Isopropylbenzene	10.957	105	98756	20.000	ug/l	99
74) N-amyl acetate	10.842	43	46794	19.811	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	34147	19.686	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	29118m	19.365	ug/l	
77) Bromobenzene	11.195	156	22354	19.593	ug/l	98
78) n-propylbenzene	11.299	91	114464	20.125	ug/l	100
79) 2-Chlorotoluene	11.360	91	72043	19.814	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	82789	20.276	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	8009	18.077	ug/l	96
82) 4-Chlorotoluene	11.451	91	83007	20.475	ug/l	100
83) tert-Butylbenzene	11.713	119	84478	20.898	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	83814	20.451	ug/l	99
85) sec-Butylbenzene	11.890	105	104472	21.041	ug/l	100
86) p-Isopropyltoluene	12.006	119	85154	20.803	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	41690	20.074	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	42083	19.988	ug/l	98
89) n-Butylbenzene	12.329	91	73535	20.716	ug/l	100
90) Hexachloroethane	12.536	117	14994	21.314	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	42384	20.527	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	7744	21.347	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	24267	21.114	ug/l	99
94) Hexachlorobutadiene	13.725	225	10647	21.498	ug/l	99
95) Naphthalene	13.774	128	83671	19.563	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	25062	20.825	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042525\
Data File : VX045935.D
Acq On : 25 Apr 2025 11:32
Operator : JC/MD
Sample : VX0425WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0425WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/28/2025
Supervised By :Semsettin Yesilyurt 04/28/2025

Quant Time: Apr 25 22:58:46 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

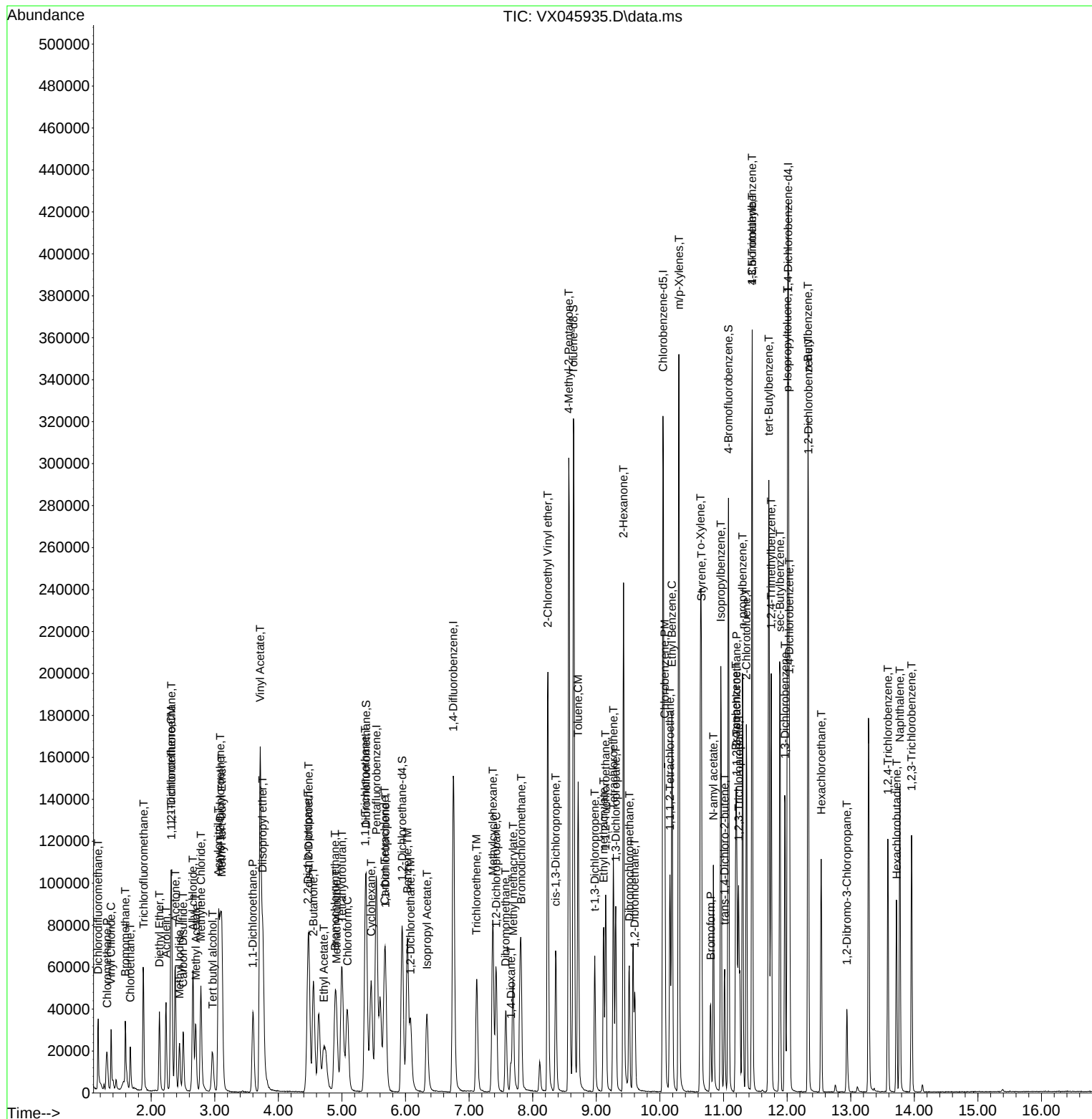
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

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

Instrument :
MSVOA_X
ClientSampleId :
VX0425WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 04/28/2025
Supervised By :Semsettin Yesilyurt 04/28/2025



Report of Analysis

Client:	Chemtech Consulting Group			Date Collected:	
Project:	Weekly Storage Blanks			Date Received:	
Client Sample ID:	VX0425WBSD01			SDG No.:	Q1888
Lab Sample ID:	VX0425WBSD01			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
VX045936.D	1		04/25/25 12:14	VX042525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	17.3		0.22	1.00	ug/L
74-87-3	Chloromethane	16.2		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	15.7		0.26	1.00	ug/L
141-78-6	Ethyl Acetate	19.5		0.31	1.00	ug/L
74-83-9	Bromomethane	16.7		1.40	5.00	ug/L
75-00-3	Chloroethane	17.5		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	18.7		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	19.9		0.25	1.00	ug/L
75-65-0	Tert butyl alcohol	110		5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	17.4		0.23	1.00	ug/L
107-02-8	Acrolein	99.4		7.10	25.0	ug/L
107-13-1	Acrylonitrile	100		0.83	5.00	ug/L
67-64-1	Acetone	98.5		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	13.4		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	20.8		0.16	1.00	ug/L
79-20-9	Methyl Acetate	26.9		0.27	1.00	ug/L
75-09-2	Methylene Chloride	18.4		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	17.4		0.23	1.00	ug/L
108-05-4	Vinyl Acetate	98.2		0.66	5.00	ug/L
75-34-3	1,1-Dichloroethane	19.1		0.23	1.00	ug/L
110-82-7	Cyclohexane	17.5		1.50	5.00	ug/L
78-93-3	2-Butanone	100		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	20.7		0.25	1.00	ug/L
594-20-7	2,2-Dichloropropane	21.7		0.21	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	18.7		0.19	1.00	ug/L
74-97-5	Bromochloromethane	23.0		0.22	1.00	ug/L
67-66-3	Chloroform	20.3		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	19.6		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	19.0		0.16	1.00	ug/L
563-58-6	1,1-Dichloropropene	18.9		0.15	1.00	ug/L

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	
Project:	Weekly Storage Blanks	Date Received:	
Client Sample ID:	VX0425WBSD01	SDG No.:	Q1888
Lab Sample ID:	VX0425WBSD01	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
VX045936.D	1		04/25/25 12:14	VX042525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
71-43-2	Benzene	19.4		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	21.9		0.22	1.00	ug/L
79-01-6	Trichloroethene	18.8		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	20.5		0.20	1.00	ug/L
74-95-3	Dibromomethane	20.8		0.25	1.00	ug/L
75-27-4	Bromodichloromethane	21.0		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	110		0.68	5.00	ug/L
108-88-3	Toluene	19.9		0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	19.9		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	21.4		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	21.6		0.21	1.00	ug/L
142-28-9	1,3-Dichloropropane	21.7		0.19	1.00	ug/L
110-75-8	2-Chloroethyl Vinyl ether	99.0		0.30	5.00	ug/L
591-78-6	2-Hexanone	110		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	21.3		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	21.8		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	19.3		0.23	1.00	ug/L
108-90-7	Chlorobenzene	20.9		0.12	1.00	ug/L
630-20-6	1,1,1,2-Tetrachloroethane	20.6		0.19	1.00	ug/L
67-72-1	Hexachloroethane	20.4		0.32	0	ug/L
100-41-4	Ethyl Benzene	20.3		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	40.5		0.24	2.00	ug/L
95-47-6	o-Xylene	20.7		0.12	1.00	ug/L
100-42-5	Styrene	21.3		0.15	1.00	ug/L
75-25-2	Bromoform	21.2		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	19.5		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	20.0		0.26	1.00	ug/L
96-18-4	1,2,3-Trichloropropane	20.1		0.35	1.00	ug/L
108-86-1	Bromobenzene	19.6		0.24	1.00	ug/L
103-65-1	n-propylbenzene	19.5		0.13	1.00	ug/L
95-49-8	2-Chlorotoluene	19.6		0.14	1.00	ug/L

Report of Analysis

Client:	Chemtech Consulting Group		Date Collected:	
Project:	Weekly Storage Blanks		Date Received:	
Client Sample ID:	VX0425WBSD01		SDG No.:	Q1888
Lab Sample ID:	VX0425WBSD01		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
VX045936.D	1		04/25/25 12:14	VX042525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-67-8	1,3,5-Trimethylbenzene	19.9		0.15	1.00	ug/L
106-43-4	4-Chlorotoluene	19.8		0.13	1.00	ug/L
98-06-6	tert-Butylbenzene	20.2		0.14	1.00	ug/L
95-63-6	1,2,4-Trimethylbenzene	20.4		0.14	1.00	ug/L
135-98-8	sec-Butylbenzene	20.7		0.13	1.00	ug/L
99-87-6	p-Isopropyltoluene	20.4		0.13	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	19.8		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	19.4		0.19	1.00	ug/L
104-51-8	n-Butylbenzene	20.5		0.15	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	21.1		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	22.1		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	20.8		0.20	1.00	ug/L
87-68-3	Hexachlorobutadiene	20.9		0.30	1.00	ug/L
91-20-3	Naphthalene	20.4		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	20.8		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.4		74 - 125	105%	SPK: 50
1868-53-7	Dibromofluoromethane	54.8		75 - 124	110%	SPK: 50
2037-26-5	Toluene-d8	51.3		86 - 113	103%	SPK: 50
460-00-4	4-Bromofluorobenzene	55.4		77 - 121	111%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	82800	5.538			
540-36-3	1,4-Difluorobenzene	141000	6.751			
3114-55-4	Chlorobenzene-d5	124000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	60100	12.018			

Report of Analysis

Client:	Chemtech Consulting Group			Date Collected:	
Project:	Weekly Storage Blanks			Date Received:	
Client Sample ID:	VX0425WBSD01			SDG No.:	Q1888
Lab Sample ID:	VX0425WBSD01			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
VX045936.D	1		04/25/25 12:14	VX042525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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\VX042525\
 Data File : VX045936.D
 Acq On : 25 Apr 2025 12:14
 Operator : JC/MD
 Sample : VX0425WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0425WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/28/2025
 Supervised By : Semsettin Yesilyurt 04/28/2025

Quant Time: Apr 25 22:59:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.538	168	82776	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.751	114	140686	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	124352	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	60088	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	79374	52.435	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.880%			
35) Dibromofluoromethane	5.373	113	54738	54.838	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.680%			
50) Toluene-d8	8.641	98	178850	51.335	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.660%			
62) 4-Bromofluorobenzene	11.079	95	70343	55.430	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 110.860%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	21363	17.257	ug/l	98
3) Chloromethane	1.307	50	20650	16.237	ug/l	94
4) Vinyl Chloride	1.374	62	18240	15.672	ug/l	100
5) Bromomethane	1.593	94	9194	16.660	ug/l	100
6) Chloroethane	1.672	64	10832	17.542	ug/l	96
7) Trichlorofluoromethane	1.880	101	32450	18.697	ug/l	94
8) Diethyl Ether	2.130	74	11648	19.991	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	20218	19.880	ug/l	97
10) Methyl Iodide	2.447	142	22697	17.893	ug/l	100
11) Tert butyl alcohol	2.959	59	21430	105.340	ug/l	98
12) 1,1-Dichloroethene	2.313	96	17269	17.378	ug/l	95
13) Acrolein	2.233	56	27846	99.398	ug/l	99
14) Allyl chloride	2.654	41	35798	18.986	ug/l	100
15) Acrylonitrile	3.056	53	64789	100.890	ug/l	99
16) Acetone	2.380	43	61202	98.460	ug/l	98
17) Carbon Disulfide	2.502	76	32903	13.406	ug/l	98
18) Methyl Acetate	2.697	43	38445	26.863	ug/l	100
19) Methyl tert-butyl Ether	3.105	73	72387	20.824	ug/l	98
20) Methylene Chloride	2.782	84	21391	18.382	ug/l	98
21) trans-1,2-Dichloroethene	3.081	96	17715	17.449	ug/l	98
22) Diisopropyl ether	3.751	45	75347	20.287	ug/l #	77
23) Vinyl Acetate	3.715	43	315257	98.243	ug/l	98
24) 1,1-Dichloroethane	3.605	63	40082	19.082	ug/l	100
25) 2-Butanone	4.550	43	92287	101.427	ug/l	99
26) 2,2-Dichloropropane	4.465	77	29511	21.746	ug/l	98
27) cis-1,2-Dichloroethene	4.477	96	23186	18.746	ug/l	96
28) Bromochloromethane	4.891	49	23353	23.007	ug/l	98
29) Tetrahydrofuran	4.995	42	57849	98.065	ug/l	99
30) Chloroform	5.086	83	43848	20.288	ug/l	95
31) Cyclohexane	5.458	56	32409	17.453	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	35906	19.633	ug/l	99
36) 1,1-Dichloropropene	5.684	75	25486	18.910	ug/l	100
37) Ethyl Acetate	4.708	43	33073	19.473	ug/l	97
38) Carbon Tetrachloride	5.666	117	30115	20.675	ug/l	99
39) Methylcyclohexane	7.373	83	31410	19.013	ug/l	96
40) Benzene	6.025	78	79887	19.408	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042525\
 Data File : VX045936.D
 Acq On : 25 Apr 2025 12:14
 Operator : JC/MD
 Sample : VX0425WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0425WBSD01

Manual Integrations
 APPROVED

Reviewed By :John Carlone 04/28/2025
 Supervised By :Semsettin Yesilyurt 04/28/2025

Quant Time: Apr 25 22:59:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	19146	21.365	ug/l	98
42) 1,2-Dichloroethane	6.080	62	37182	21.871	ug/l	100
43) Isopropyl Acetate	6.336	43	54359	21.117	ug/l	99
44) Trichloroethene	7.123	130	18362	18.769	ug/l	99
45) 1,2-Dichloropropane	7.421	63	21041	20.488	ug/l	97
46) Dibromomethane	7.574	93	16396	20.797	ug/l	97
47) Bromodichloromethane	7.818	83	33116	21.034	ug/l #	94
48) Methyl methacrylate	7.690	41	28641	21.549	ug/l	99
49) 1,4-Dioxane	7.653	88	10643	442.595	ug/l	99
51) 4-Methyl-2-Pentanone	8.568	43	189405	110.992	ug/l	99
52) Toluene	8.714	92	49665	19.940	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	27996	19.933	ug/l	96
54) cis-1,3-Dichloropropene	8.360	75	31707	21.431	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	21449	21.611	ug/l	98
56) Ethyl methacrylate	9.116	69	33741	21.967	ug/l	100
57) 1,3-Dichloropropane	9.305	76	37503	21.699	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	76961	99.047	ug/l	100
59) 2-Hexanone	9.427	43	139186	110.143	ug/l	99
60) Dibromochloromethane	9.519	129	23055	21.308	ug/l	97
61) 1,2-Dibromoethane	9.604	107	21880	21.778	ug/l	100
64) Tetrachloroethene	9.269	164	16924	19.276	ug/l	95
65) Chlorobenzene	10.073	112	55607	20.927	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	19010	20.606	ug/l	100
67) Ethyl Benzene	10.189	91	96571	20.292	ug/l	100
68) m/p-Xylenes	10.299	106	70143	40.524	ug/l	98
69) o-Xylene	10.640	106	35349	20.731	ug/l	99
70) Styrene	10.653	104	59898	21.284	ug/l	100
71) Bromoform	10.799	173	14606	21.204	ug/l #	98
73) Isopropylbenzene	10.957	105	94052	19.541	ug/l	99
74) N-amyl acetate	10.842	43	47330	20.557	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	33743	19.957	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	29400m	20.059	ug/l	
77) Bromobenzene	11.195	156	21849	19.647	ug/l	99
78) n-propylbenzene	11.299	91	108261	19.528	ug/l	99
79) 2-Chlorotoluene	11.360	91	69433	19.591	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	79013	19.852	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	8023	18.578	ug/l	95
82) 4-Chlorotoluene	11.451	91	78185	19.786	ug/l	99
83) tert-Butylbenzene	11.713	119	79674	20.220	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	81394	20.376	ug/l	100
85) sec-Butylbenzene	11.890	105	100014	20.665	ug/l	100
86) p-Isopropyltoluene	12.006	119	81422	20.406	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	40127	19.822	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	39809	19.398	ug/l	95
89) n-Butylbenzene	12.329	91	70931	20.500	ug/l	99
90) Hexachloroethane	12.536	117	14002	20.419	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	42462	21.098	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7830	22.143	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	23281	20.781	ug/l	98
94) Hexachlorobutadiene	13.725	225	10081	20.883	ug/l	97
95) Naphthalene	13.774	128	85123	20.418	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	24410	20.808	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042525\
Data File : VX045936.D
Acq On : 25 Apr 2025 12:14
Operator : JC/MD
Sample : VX0425WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0425WBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/28/2025
Supervised By :Semsettin Yesilyurt 04/28/2025

Quant Time: Apr 25 22:59:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

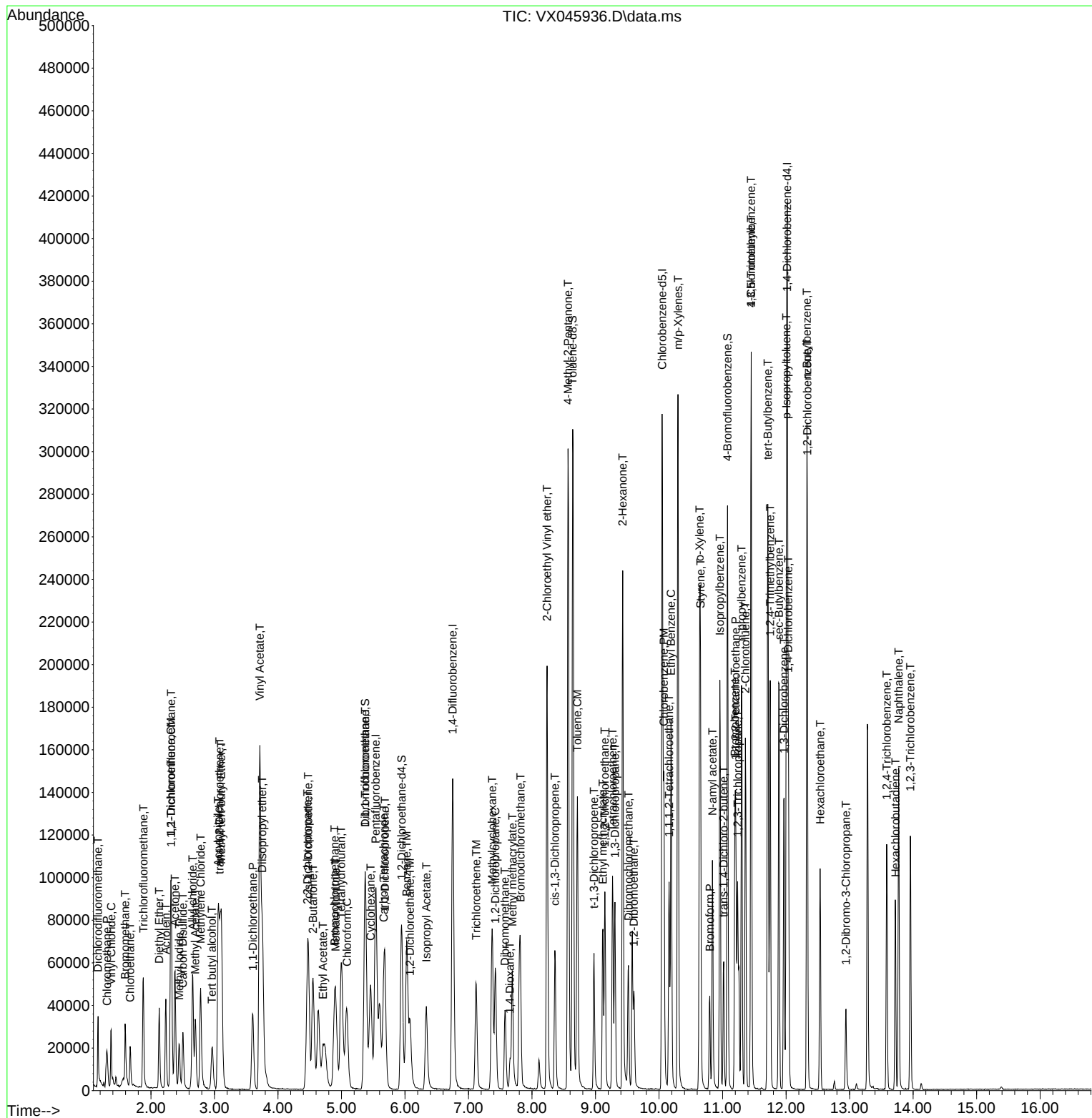
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042525\
 Data File : VX045936.D
 Acq On : 25 Apr 2025 12:14
 Operator : JC/MD
 Sample : VX0425WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0425WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 04/28/2025
 Supervised By :Semsettin Yesilyurt 04/28/2025

Quant Time: Apr 25 22:59:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration



Manual Integration Report

Sequence:	VX040225	Instrument	MSVOA_x
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC001	VX045525.D	1,2,3-Trichloropropane	Amit	4/2/2025 2:14:20 PM	MMDadoda	4/2/2025 2:16:05 PM	Peak Integrated by Software
VSTDICC001	VX045525.D	1,4-Dichlorobenzene	Amit	4/2/2025 2:14:20 PM	MMDadoda	4/2/2025 2:16:05 PM	Peak Integrated by Software
VSTDICC001	VX045525.D	1,4-Dioxane	Amit	4/2/2025 2:14:20 PM	MMDadoda	4/2/2025 2:16:05 PM	Peak Integrated by Software
VSTDICC001	VX045525.D	Ethyl methacrylate	Amit	4/2/2025 2:14:20 PM	MMDadoda	4/2/2025 2:16:05 PM	Peak Integrated by Software
VSTDICC001	VX045525.D	Methacrylonitrile	Amit	4/2/2025 2:14:20 PM	MMDadoda	4/2/2025 2:16:05 PM	Peak Integrated by Software
VSTDICC005	VX045526.D	1,2,3-Trichloropropane	Amit	4/2/2025 2:14:22 PM	MMDadoda	4/2/2025 2:16:07 PM	Peak Integrated by Software
VSTDICC020	VX045527.D	1,2,3-Trichloropropane	Amit	4/2/2025 2:14:25 PM	MMDadoda	4/2/2025 2:16:09 PM	Peak Integrated by Software
VSTDICCC050	VX045528.D	1,2,3-Trichloropropane	Amit	4/2/2025 2:14:26 PM	MMDadoda	4/2/2025 2:16:11 PM	Peak Integrated by Software
VSTDICC100	VX045529.D	1,2,3-Trichloropropane	Amit	4/2/2025 2:14:28 PM	MMDadoda	4/2/2025 2:16:15 PM	Peak Integrated by Software
VSTDICC150	VX045530.D	1,2,3-Trichloropropane	Amit	4/2/2025 2:14:30 PM	MMDadoda	4/2/2025 2:16:46 PM	Peak Integrated by Software
VSTDICV050	VX045532.D	1,2,3-Trichloropropane	Amit	4/2/2025 2:14:32 PM	MMDadoda	4/2/2025 2:17:50 PM	Peak Integrated by Software
VSTDCCC050	VX045534.D	1,2,3-Trichloropropane	JOHN	4/3/2025 10:04:10 AM	MMDadoda	4/3/2025 1:12:02 PM	Peak Integrated by Software
VSTDCCC050	VX045557.D	1,2,3-Trichloropropane	JOHN	4/3/2025 10:04:58 AM	MMDadoda	4/3/2025 1:12:08 PM	Peak Integrated by Software



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

Manual Integration Report

Sequence:

VX040225

Instrument

MSVOA_x

Sample ID

File ID

Parameter

Review By

Review On

Supervised
By

Supervised On

Reason

Manual Integration Report

Sequence:

VX042525

Instrument

MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX045932.D	1,2,3-Trichloropropane	JOHN	4/28/2025 9:41:42 AM	Sam	4/28/2025 12:57:30 PM	Peak Integrated by Software
VX0425WBS01	VX045935.D	1,2,3-Trichloropropane	JOHN	4/28/2025 9:41:47 AM	Sam	4/28/2025 12:57:34 PM	Peak Integrated by Software
VX0425WBSD01	VX045936.D	1,2,3-Trichloropropane	JOHN	4/28/2025 9:41:53 AM	Sam	4/28/2025 12:57:40 PM	Peak Integrated by Software
VSTDCCC050	VX045942.D	1,2,3-Trichloropropane	JOHN	4/28/2025 9:41:58 AM	Sam	4/28/2025 12:57:43 PM	Peak Integrated by Software

Instrument ID: **MSVOA_X**

Daily Analysis Runlog For Sequence/QC Batch ID # VX040225

Review By	John Carlone	Review On	4/2/2025 9:42:46 AM
Supervise By	Amit Patel	Supervise On	4/2/2025 2:14:39 PM
SubDirectory	VX040225	HP Acquire Method	HP Processing Method 82X040225W.M
STD. NAME	STD REF.#		
Tune/Reschk	VP133559,VP133563		
Initial Calibration Stds	VP133569,VP133570,VP133571,VP133572,VP133573,VP133574		
CCC	VP133564,VP133565		
Internal Standard/PEM			
ICV/I.BLK	VP133575		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX045524.D	01 Apr 2025 16:15	JC/MD	Ok
2	VSTDIC001	VX045525.D	01 Apr 2025 17:06	JC/MD	Ok,M
3	VSTDIC005	VX045526.D	01 Apr 2025 17:29	JC/MD	Ok,M
4	VSTDIC020	VX045527.D	01 Apr 2025 17:52	JC/MD	Ok,M
5	VSTDIC050	VX045528.D	01 Apr 2025 18:15	JC/MD	Ok,M
6	VSTDIC100	VX045529.D	01 Apr 2025 18:38	JC/MD	Ok,M
7	VSTDIC150	VX045530.D	01 Apr 2025 19:02	JC/MD	Ok,M
8	IBLK	VX045531.D	01 Apr 2025 19:25	JC/MD	Ok
9	VSTDICV050	VX045532.D	01 Apr 2025 19:48	JC/MD	Ok,M
10	BFB	VX045533.D	02 Apr 2025 09:30	JC/MD	Ok
11	VSTDIC050	VX045534.D	02 Apr 2025 10:02	JC/MD	Ok,M
12	VX0402MBL01	VX045535.D	02 Apr 2025 10:30	JC/MD	Ok
13	VX0402WBL01	VX045536.D	02 Apr 2025 10:53	JC/MD	Ok
14	VX0402WBS01	VX045537.D	02 Apr 2025 11:16	JC/MD	Ok,M
15	VX0402WBSD01	VX045538.D	02 Apr 2025 11:44	JC/MD	Ok,M
16	Q1697-01	VX045539.D	02 Apr 2025 12:07	JC/MD	Dilution
17	Q1697-02	VX045540.D	02 Apr 2025 12:30	JC/MD	Dilution
18	IBLK	VX045541.D	02 Apr 2025 12:54	JC/MD	Ok
19	Q1697-01DL	VX045542.D	02 Apr 2025 13:21	JC/MD	Ok
20	Q1697-02DL	VX045543.D	02 Apr 2025 13:44	JC/MD	Ok
21	Q1697-03	VX045544.D	02 Apr 2025 14:07	JC/MD	Not Ok

Instrument ID: **MSVOA_X**

Daily Analysis Runlog For Sequence/QC Batch ID # VX040225

Review By	John Carlone	Review On	4/2/2025 9:42:46 AM
Supervise By	Amit Patel	Supervise On	4/2/2025 2:14:39 PM
SubDirectory	VX040225	HP Acquire Method	HP Processing Method 82X040225W.M
STD. NAME	STD REF.#		
Tune/Reschk	VP133559,VP133563		
Initial Calibration Stds	VP133569,VP133570,VP133571,VP133572,VP133573,VP133574		
CCC	VP133564,VP133565		
Internal Standard/PEM			
ICV/I.BLK	VP133575		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	Q1697-04	VX045545.D	02 Apr 2025 14:31	JC/MD	Not Ok
23	Q1697-05	VX045546.D	02 Apr 2025 14:54	JC/MD	Not Ok
24	Q1697-07	VX045547.D	02 Apr 2025 15:18	JC/MD	Not Ok
25	IBLK	VX045548.D	02 Apr 2025 15:41	JC/MD	Ok
26	Q1697-03	VX045549.D	02 Apr 2025 16:04	JC/MD	Ok
27	Q1697-04	VX045550.D	02 Apr 2025 16:27	JC/MD	Ok
28	Q1697-05	VX045551.D	02 Apr 2025 16:51	JC/MD	Ok
29	Q1697-06	VX045552.D	02 Apr 2025 17:14	JC/MD	ReRun
30	Q1623-01	VX045553.D	02 Apr 2025 17:37	JC/MD	Ok
31	Q1623-02	VX045554.D	02 Apr 2025 18:01	JC/MD	Ok
32	Q1623-03	VX045555.D	02 Apr 2025 18:24	JC/MD	Ok
33	Q1623-04	VX045556.D	02 Apr 2025 18:47	JC/MD	Ok
34	VSTDCCC050	VX045557.D	02 Apr 2025 19:10	JC/MD	Ok,M

M : Manual Integration

Instrument ID: **MSVOA_X**

Daily Analysis Runlog For Sequence/QC Batch ID # VX042525

Review By	John Carlone	Review On	4/28/2025 9:42:44 AM
Supervise By	Semsettin Yesilyurt	Supervise On	4/28/2025 12:59:43 PM
SubDirectory	VX042525	HP Acquire Method	HP Processing Method 82X040225W.M
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	VP133766		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP133767,VP133768		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX045931.D	25 Apr 2025 09:13	JC/MD	Ok
2	VSTDCCC050	VX045932.D	25 Apr 2025 09:42	JC/MD	Ok,M
3	VX0425MBL01	VX045933.D	25 Apr 2025 10:38	JC/MD	Ok
4	VX0425WBL01	VX045934.D	25 Apr 2025 11:01	JC/MD	Ok
5	VX0425WBS01	VX045935.D	25 Apr 2025 11:32	JC/MD	Ok,M
6	VX0425WBSD01	VX045936.D	25 Apr 2025 12:14	JC/MD	Ok,M
7	IBLK	VX045937.D	25 Apr 2025 12:37	JC/MD	Ok
8	Q1888-01	VX045938.D	25 Apr 2025 13:00	JC/MD	Ok
9	Q1888-02	VX045939.D	25 Apr 2025 13:23	JC/MD	Ok
10	Q1888-03	VX045940.D	25 Apr 2025 13:46	JC/MD	Ok
11	Q1888-04	VX045941.D	25 Apr 2025 14:10	JC/MD	Ok
12	VSTDCCC050	VX045942.D	25 Apr 2025 15:38	JC/MD	Ok,M

M : Manual Integration

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QC Batch ID # VX040225

Review By	John Carlone	Review On	4/2/2025 9:42:46 AM
Supervise By	Amit Patel	Supervise On	4/2/2025 2:14:39 PM
SubDirectory	VX040225	HP Acquire Method	HP Processing Method 82X040225W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133559,VP133563
Initial Calibration Stds	VP133569,VP133570,VP133571,VP133572,VP133573,VP133574
CCC	VP133564,VP133565
Internal Standard/PEM	
ICV/I.BLK	VP133575
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX045524.D	01 Apr 2025 16:15		JC/MD	Ok
2	VSTDIC001	VSTDIC001	VX045525.D	01 Apr 2025 17:06	%D failed for Comp. #53 in 01PPB	JC/MD	Ok,M
3	VSTDIC005	VSTDIC005	VX045526.D	01 Apr 2025 17:29		JC/MD	Ok,M
4	VSTDIC020	VSTDIC020	VX045527.D	01 Apr 2025 17:52		JC/MD	Ok,M
5	VSTDIC050	VSTDIC050	VX045528.D	01 Apr 2025 18:15		JC/MD	Ok,M
6	VSTDIC100	VSTDIC100	VX045529.D	01 Apr 2025 18:38		JC/MD	Ok,M
7	VSTDIC150	VSTDIC150	VX045530.D	01 Apr 2025 19:02		JC/MD	Ok,M
8	IBLK	IBLK	VX045531.D	01 Apr 2025 19:25		JC/MD	Ok
9	VSTDICV050	ICVVX040225	VX045532.D	01 Apr 2025 19:48		JC/MD	Ok,M
10	BFB	BFB	VX045533.D	02 Apr 2025 09:30		JC/MD	Ok
11	VSTDIC050	VSTDIC050	VX045534.D	02 Apr 2025 10:02	pH#Lot#V12668	JC/MD	Ok,M
12	VX0402MBL01	VX0402MBL01	VX045535.D	02 Apr 2025 10:30		JC/MD	Ok
13	VX0402WBL01	VX0402WBL01	VX045536.D	02 Apr 2025 10:53		JC/MD	Ok
14	VX0402WBS01	VX0402WBS01	VX045537.D	02 Apr 2025 11:16		JC/MD	Ok,M
15	VX0402WBSD01	VX0402WBSD01	VX045538.D	02 Apr 2025 11:44		JC/MD	Ok,M
16	Q1697-01	MW-19B-72-040125	VX045539.D	02 Apr 2025 12:07	vial A pH<2 Need 200X	JC/MD	Dilution
17	Q1697-02	IW-01-55-040125	VX045540.D	02 Apr 2025 12:30	vial A pH<2 Need 10X	JC/MD	Dilution

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QC Batch ID # VX040225

Review By	John Carlone	Review On	4/2/2025 9:42:46 AM
Supervise By	Amit Patel	Supervise On	4/2/2025 2:14:39 PM
SubDirectory	VX040225	HP Acquire Method	HP Processing Method 82X040225W.M
STD. NAME	STD REF.#		
Tune/Reschk	VP133559,VP133563		
Initial Calibration Stds	VP133569,VP133570,VP133571,VP133572,VP133573,VP133574		
CCC	VP133564,VP133565		
Internal Standard/PEM			
ICV/I.BLK	VP133575		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

18	IBLK	IBLK	VX045541.D	02 Apr 2025 12:54		JC/MD	Ok
19	Q1697-01DL	MW-19B-72-040125DL	VX045542.D	02 Apr 2025 13:21	vial B pH<2	JC/MD	Ok
20	Q1697-02DL	IW-01-55-040125DL	VX045543.D	02 Apr 2025 13:44	vial B pH<2	JC/MD	Ok
21	Q1697-03	IW-02-55-040125	VX045544.D	02 Apr 2025 14:07	Need lower dilution	JC/MD	Not Ok
22	Q1697-04	IW-02-55-040125-FD	VX045545.D	02 Apr 2025 14:31	Need lower dilution	JC/MD	Not Ok
23	Q1697-05	IW-03-55-040125	VX045546.D	02 Apr 2025 14:54	Need lower dilution	JC/MD	Not Ok
24	Q1697-07	MW-19B-72-040125	VX045547.D	02 Apr 2025 15:18	Not On Login	JC/MD	Not Ok
25	IBLK	IBLK	VX045548.D	02 Apr 2025 15:41		JC/MD	Ok
26	Q1697-03	IW-02-55-040125	VX045549.D	02 Apr 2025 16:04	vial A pH<2	JC/MD	Ok
27	Q1697-04	IW-02-55-040125-FD	VX045550.D	02 Apr 2025 16:27	vial A pH<2	JC/MD	Ok
28	Q1697-05	IW-03-55-040125	VX045551.D	02 Apr 2025 16:51	vial A pH<2	JC/MD	Ok
29	Q1697-06	TB-01-040125	VX045552.D	02 Apr 2025 17:14	vial A pH<2 TB;Hit of comp.#44	JC/MD	ReRun
30	Q1623-01	Storage-Blank-SOIL-RE	VX045553.D	02 Apr 2025 17:37	vial A pH<2	JC/MD	Ok
31	Q1623-02	Storage-Blank-WATER	VX045554.D	02 Apr 2025 18:01	vial A pH<2	JC/MD	Ok
32	Q1623-03	Storage-Blank-WATER	VX045555.D	02 Apr 2025 18:24	vial A pH<2	JC/MD	Ok
33	Q1623-04	Storage-Blank-SAMPLE	VX045556.D	02 Apr 2025 18:47	vial A pH<2	JC/MD	Ok
34	VSTDCCC050	VSTDCCC050EC	VX045557.D	02 Apr 2025 19:10		JC/MD	Ok,M

M : Manual Integration

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QC Batch ID # VX042525

Review By	John Carlone	Review On	4/28/2025 9:42:44 AM
Supervise By	Semsettin Yesilyurt	Supervise On	4/28/2025 12:59:43 PM
SubDirectory	VX042525	HP Acquire Method	HP Processing Method 82X040225W.M

STD. NAME	STD REF.#
Tune/Reschk Initial Calibration Stds	VP133766
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP133767,VP133768

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX045931.D	25 Apr 2025 09:13		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX045932.D	25 Apr 2025 09:42	pH#Lot#V12668	JC/MD	Ok,M
3	VX0425MBL01	VX0425MBL01	VX045933.D	25 Apr 2025 10:38		JC/MD	Ok
4	VX0425WBL01	VX0425WBL01	VX045934.D	25 Apr 2025 11:01		JC/MD	Ok
5	VX0425WBS01	VX0425WBS01	VX045935.D	25 Apr 2025 11:32		JC/MD	Ok,M
6	VX0425WBSD01	VX0425WBSD01	VX045936.D	25 Apr 2025 12:14		JC/MD	Ok,M
7	IBLK	IBLK	VX045937.D	25 Apr 2025 12:37		JC/MD	Ok
8	Q1888-01	STORAGE-BLANK-SO	VX045938.D	25 Apr 2025 13:00	vial A pH<2	JC/MD	Ok
9	Q1888-02	STORAGE-BLANK-WA	VX045939.D	25 Apr 2025 13:23	vial A pH<2	JC/MD	Ok
10	Q1888-03	STORAGE-BLANK-WA	VX045940.D	25 Apr 2025 13:46	vial A pH<2	JC/MD	Ok
11	Q1888-04	STORAGE-BLANK-SAI	VX045941.D	25 Apr 2025 14:10	vial A pH<2	JC/MD	Ok
12	VSTDCCC050	VSTDCCC050EC	VX045942.D	25 Apr 2025 15:38		JC/MD	Ok,M

M : Manual Integration



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 4/28/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:25
In Date: 04/25/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:37
Out Date: 04/26/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB135558

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
Q1883-01	OU4-PCS-TC-27-042325	1	1.18	10.04	11.22	10.67	94.5	
Q1883-03	OU4-PCS-TC-28-042325	2	1.14	9.97	11.11	10.56	94.5	
Q1883-05	OU4-PCS-TC-29-042325	3	1.19	10.54	11.73	11.28	95.7	
Q1883-07	OU4-PCS-TC-30-042325	4	1.17	10.15	11.32	10.96	96.5	
Q1883-09	OU4-PCS-TC-31-042325	5	1.18	10.48	11.66	11.34	96.9	
Q1883-11	OU4-PCS-TC-32-042325	6	1.18	9.96	11.14	10.87	97.3	
Q1883-13	OU4-PCS-18-042325	7	1.15	10.25	11.4	10.86	94.7	
Q1883-15	OU4-PCS-19-042325	8	1.19	10.54	11.73	11.29	95.8	
Q1884-01	P001-SS037-01	9	1.17	10.30	11.47	10.87	94.2	
Q1884-02	P001-SS038-01	10	1.17	10.32	11.49	11.22	97.4	
Q1888-05	SVOC-GPC-BLANK	11	1.00	1.00	2.00	2.00	100.0	
Q1888-06	PEST-GPC-BLANK	12	1.00	1.00	2.00	2.00	100.0	
Q1888-07	PEST-GPC-BLANK-SPIKE	13	1.00	1.00	2.00	2.00	100.0	
Q1888-08	PCB-GPC-BLANK	14	1.00	1.00	2.00	2.00	100.0	
Q1888-09	PCB-GPC-BLANK-SPIKE	15	1.00	1.00	2.00	2.00	100.0	
Q1888-10	SVOC-GPC2-BLANK	16	1.00	1.00	2.00	2.00	100.0	
Q1888-11	PEST-GPC2-BLANK	17	1.00	1.00	2.00	2.00	100.0	
Q1888-12	PEST-GPC2-BLANK-SPIKE	18	1.00	1.00	2.00	2.00	100.0	
Q1888-13	PCB-GPC2-BLANK	19	1.00	1.00	2.00	2.00	100.0	
Q1888-14	PCB-GCP2-BLANK-SPIKE	20	1.00	1.00	2.00	2.00	100.0	
Q1889-01	COMP-1	21	1.19	10.07	11.26	9.5	82.5	
Q1889-02	COMP-2	22	1.16	10.50	11.66	9.61	80.5	
Q1889-03	COMP-3	23	1.11	10.73	11.84	9.77	80.7	
Q1891-01	MH-C	24	1.15	9.48	10.63	9.8	91.2	
Q1891-02	MH-C-EPH	25	1.16	9.82	10.98	10.15	91.5	
Q1891-03	MH-C-VOC	26	1.19	9.94	11.13	10.2	90.6	
Q1891-05	MH-D	27	1.15	10.17	11.32	9.64	83.5	
Q1891-06	MH-D-EPH	28	1.15	9.97	11.12	8.74	76.1	



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 4/28/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:25
In Date: 04/25/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:37
Out Date: 04/26/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB135558

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
Q1891-07	MH-D-VOC	29	1.18	9.46	10.64	8.83	80.9	
Q1892-01	MH-G	30	1.13	9.61	10.74	9.35	85.5	
Q1892-02	MH-G-EPH	31	1.15	10.29	11.44	9.98	85.8	
Q1892-03	MH-G-VOC	32	1.18	10.45	11.63	9.82	82.7	
Q1892-05	MH-H	33	1.14	9.66	10.8	9.92	90.9	
Q1892-06	MH-H-EPH	34	1.12	10.66	11.78	10.68	89.7	
Q1892-07	MH-H-VOC	35	1.18	10.19	11.37	10.28	89.3	
Q1892-09	MH-U2	36	1.18	10.04	11.22	9.96	87.5	
Q1892-10	MH-U2-EPH	37	1.19	10.34	11.53	10.04	85.6	
Q1892-11	MH-U2-VOC	38	1.18	10.22	11.4	10.14	87.7	
Q1893-01	UGGP-1	39	1.00	1.00	2.00	2.00	100.0	TAR SAMPLE
Q1893-02	UGGP-2	40	1.00	1.00	2.00	2.00	100.0	TAR SAMPLE
Q1893-03	INTERIOR-1	41	1.00	1.00	2.00	2.00	100.0	wipe sample
Q1893-04	INTERIOR-2	42	1.00	1.00	2.00	2.00	100.0	wipe sample
Q1893-05	INTERIOR-3	43	1.00	1.00	2.00	2.00	100.0	wipe sample
Q1893-06	INTERIOR-4	44	1.00	1.00	2.00	2.00	100.0	wipe sample
Q1893-07	EXTERIOR-1	45	1.00	1.00	2.00	2.00	100.0	wipe sample
Q1895-01	COMP-1	55	1.14	10.58	11.72	10.97	92.9	
Q1895-03	COMP-2	56	1.14	10.77	11.91	10.96	91.2	
Q1895-05	COMP-3	57	1.18	10.06	11.24	10.56	93.2	
Q1896-01	295-BERGEN-RO	58	1.14	11.31	12.45	10.91	86.4	
Q1896-02	295-BERGEN-RO	59	1.18	10.01	11.19	9.9	87.1	
Q1898-01	41525A	60	1.00	1.00	2.00	2.00	100.0	wipe sample
Q1898-02	41525B	61	1.00	1.00	2.00	2.00	100.0	wipe sample
Q1898-03	42525A	62	1.00	1.00	2.00	2.00	100.0	wipe sample
Q1898-04	42525B	63	1.00	1.00	2.00	2.00	100.0	wipe sample
Q1900-01	WC-1	46	1.14	9.98	11.12	9.56	84.4	
Q1900-02	WC-1-EPH	47	1.14	10.35	11.49	10.19	87.4	



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 4/28/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:25
In Date: 04/25/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:37
Out Date: 04/26/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB135558

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
Q1900-03	WC-1-VOC	48	1.14	10.01	11.15	9.73	85.8	
Q1900-05	WC-2	49	1.19	8.82	10.01	8.76	85.8	
Q1900-06	WC-2-EPH	50	1.19	10.08	11.27	9.76	85.0	
Q1900-07	WC-2-VOC	51	1.17	10.79	11.96	10.33	84.9	
Q1900-09	WC-3	52	1.14	9.61	10.75	9.32	85.1	
Q1900-10	WC-3-EPH	53	1.12	10.38	11.5	9.11	77.0	
Q1900-11	WC-3-VOC	54	1.19	10.71	11.9	10.39	85.9	

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

WORKLIST(Hardcopy Internal Chain)

13558

WorkList Name : %1-042525

WorkList ID : 189135

Department : Wet-Chemistry

Date : 04-25-2025 08:09:39

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1883-01	OU4-PCS-TC-27-042325	Solid	Percent Solids	Cool 4 deg C	NOBI03	L41	04/23/2025	Chemtech -SO
Q1883-03	OU4-PCS-TC-28-042325	Solid	Percent Solids	Cool 4 deg C	NOBI03	L41	04/23/2025	Chemtech -SO
Q1883-05	OU4-PCS-TC-29-042325	Solid	Percent Solids	Cool 4 deg C	NOBI03	L41	04/23/2025	Chemtech -SO
Q1883-07	OU4-PCS-TC-30-042325	Solid	Percent Solids	Cool 4 deg C	NOBI03	L41	04/23/2025	Chemtech -SO
Q1883-09	OU4-PCS-TC-31-042325	Solid	Percent Solids	Cool 4 deg C	NOBI03	L41	04/23/2025	Chemtech -SO
Q1883-11	OU4-PCS-TC-32-042325	Solid	Percent Solids	Cool 4 deg C	NOBI03	L41	04/23/2025	Chemtech -SO
Q1883-13	OU4-PCS-18-042325	Solid	Percent Solids	Cool 4 deg C	NOBI03	L41	04/23/2025	Chemtech -SO
Q1883-15	OU4-PCS-19-042325	Solid	Percent Solids	Cool 4 deg C	NOBI03	L41	04/23/2025	Chemtech -SO
Q1884-01	P001-SS037-01	Solid	Percent Solids	Cool 4 deg C	ROYF02	L51	04/24/2025	Chemtech -SO
Q1884-02	P001-SS038-01	Solid	Percent Solids	Cool 4 deg C	ROYF02	L51	04/24/2025	Chemtech -SO
Q1888-05	SVOC-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	L31	04/18/2025	Chemtech -SO
Q1888-06	PEST-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	L31	04/18/2025	Chemtech -SO
Q1888-07	PEST-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	L31	04/18/2025	Chemtech -SO
Q1888-08	PCB-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	L31	04/18/2025	Chemtech -SO
Q1888-09	PCB-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	L31	04/18/2025	Chemtech -SO
Q1888-10	SVOC-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	L31	04/18/2025	Chemtech -SO
Q1888-11	PEST-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	L31	04/18/2025	Chemtech -SO
Q1888-12	PEST-GPC2-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	L31	04/18/2025	Chemtech -SO
Q1888-13	PCB-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	L31	04/18/2025	Chemtech -SO
Q1888-14	PCB-GPC2-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	L31	04/18/2025	Chemtech -SO
Q1889-01	COMP-1	Solid	Percent Solids	Cool 4 deg C	POWE02	L51	04/24/2025	Chemtech -SO

Date/Time 04/25/25 13:20

Raw Sample Received by: 50 (wec)

Raw Sample Relinquished by: 50 (wec)

Date/Time 04/25/25

Raw Sample Received by: 50 (wec)

Raw Sample Relinquished by: 50 (wec)

WORKLIST(Hardcopy Internal Chain)

JB 13555d

WorkList Name : %1-042525

WorkList ID : 189135

Department : Wet-Chemistry

Date : 04-25-2025 08:09:39

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1889-02	COMP-2	Solid	Percent Solids	Cool 4 deg C	POWE02	L51	04/24/2025	Chemtech -SO
Q1889-03	COMP-3	Solid	Percent Solids	Cool 4 deg C	POWE02	L51	04/24/2025	Chemtech -SO
Q1891-01	MH-C	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/25/2025	Chemtech -SO
Q1891-02	MH-C-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/25/2025	Chemtech -SO
Q1891-03	MH-C-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/25/2025	Chemtech -SO
Q1891-05	MH-D	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/25/2025	Chemtech -SO
Q1891-06	MH-D-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/25/2025	Chemtech -SO
Q1891-07	MH-D-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/25/2025	Chemtech -SO
Q1892-01	MH-G	Solid	Percent Solids	Cool 4 deg C	PSEG03	L51	04/24/2025	Chemtech -SO
Q1892-02	MH-G-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L51	04/24/2025	Chemtech -SO
Q1892-03	MH-G-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L51	04/24/2025	Chemtech -SO
Q1892-05	MH-H	Solid	Percent Solids	Cool 4 deg C	PSEG03	L51	04/24/2025	Chemtech -SO
Q1892-06	MH-H-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L51	04/24/2025	Chemtech -SO
Q1892-07	MH-H-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L51	04/24/2025	Chemtech -SO
Q1892-09	MH-U2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L51	04/25/2025	Chemtech -SO
Q1892-10	MH-U2-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L51	04/25/2025	Chemtech -SO
Q1892-11	MH-U2-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L51	04/25/2025	Chemtech -SO
Q1893-01	UGGP-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/25/2025	Chemtech -SO
Q1893-02	UGGP-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/25/2025	Chemtech -SO
Q1893-03	INTERIOR-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/25/2025	Chemtech -SO
Q1893-04	INTERIOR-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/25/2025	Chemtech -SO

Date/Time 04/25/25 15420
 Raw Sample Received by: JB wcl U
 Raw Sample Relinquished by: JD csm

Date/Time 04/25/25 17130
 Raw Sample Received by: JD csm
 Raw Sample Relinquished by: JB wcl U

WORKLIST(Hardcopy Internal Chain)

135558

WorkList Name : %1-042525

WorkList ID : 189135

Department : Wet-Chemistry

Date : 04-25-2025 08:09:39

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1893-05	INTERIOR-3	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/25/2025	Chemtech -SO
Q1893-06	INTERIOR-4	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/25/2025	Chemtech -SO
Q1893-07	EXTERIOR-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/25/2025	Chemtech -SO
Q1895-01	COMP-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/25/2025	Chemtech -SO
Q1895-03	COMP-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/25/2025	Chemtech -SO
Q1895-05	COMP-3	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/25/2025	Chemtech -SO
Q1896-01	295-BERGEN-RO	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/25/2025	Chemtech -SO
Q1896-02	295-BERGEN-RO	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/25/2025	Chemtech -SO
Q1898-01	41525A	Solid	Percent Solids	Cool 4 deg C	PSEG03	L12	04/25/2025	Chemtech -SO
Q1898-02	41525B	Solid	Percent Solids	Cool 4 deg C	PSEG03	L12	04/25/2025	Chemtech -SO
Q1898-03	42525A	Solid	Percent Solids	Cool 4 deg C	PSEG03	L12	04/25/2025	Chemtech -SO
Q1898-04	42525B	Solid	Percent Solids	Cool 4 deg C	PSEG03	L12	04/25/2025	Chemtech -SO
Q1900-01	WC-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/25/2025	Chemtech -SO
Q1900-02	WC-1-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/25/2025	Chemtech -SO
Q1900-03	WC-1-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/25/2025	Chemtech -SO
Q1900-05	WC-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/25/2025	Chemtech -SO
Q1900-06	WC-2-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/25/2025	Chemtech -SO
Q1900-07	WC-2-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/25/2025	Chemtech -SO
Q1900-09	WC-3	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/25/2025	Chemtech -SO
Q1900-10	WC-3-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/25/2025	Chemtech -SO
Q1900-11	WC-3-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/25/2025	Chemtech -SO

04/25/25 13:20

17:30

Raw Sample Received by: 30 wcc

Raw Sample Received by: JDCSM

Raw Sample Relinquished by: JDCSM

Raw Sample Relinquished by: 30 wcc



SHIPPING DOCUMENTS



284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax: (908) 78-8922
www.chemtech.net

CHAIN OF CUSTODY RECORD

Alliance Project Number:

Q1888

COC Number:

CLIENT INFORMATION

COMPANY: Alliance Technical Group
ADDRESS: 284 Sheffield Street
CITY Mountainside STATE: NJ ZIP: 07092
ATTENTION: QA Officer
PHONE: 908-789-8900 FAX: 908-788-9222

PROJECT INFORMATION

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

BILLING INFORMATION

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

DATA TURNAROUND INFORMATION

FAX: 10 DAYS*
HARD COPY: 10 DAYS*
EDD: DAYS*
* TO BE APPROVED BY ALLIANCE
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

☐ RESULTS ONLY (L1) ☐ US EPA CLP (L4)
☐ RESULTS + QC (L2) ☐ NYS ASP "A" (L2)
☐ NJ REDUCED (L3) ☐ NYS ASP "B" (L4)
☐ NJ FULL (L4) ☐ Other _____
☐ EDD Format

ANALYSIS

VOC-Drinking H2O	SVOC-Full+25-8270	PESTICIDE-TCL	PCB						
1	2	3	4	5	6	7	8	9	

PRESERVATIVES

COMMENTS

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# of Bottles	A/E									<-- Specify Preservatives A-HCl B-HNO3 C-H2SO4 D-NaOH E-ICE F-Other
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9	
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								

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

RELINQUISHED BY SAMPLER	DATE/TIME	RECEIVED BY	Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non Compliant ☐ Cooler Temp _____ MeOH extraction requires an additional 4oz. Jar for percent solid ☐ Ice in Cooler?: _____
1. Sam	6/4/25/15	1.	Comments:
RELINQUISHED BY	DATE/TIME	RECEIVED BY	
2.		2.	
RELINQUISHED BY	DATE/TIME	RECEIVED FOR LAB BY	
3.		3.	

Page 1 of 2

SHIPPED VIA: CLIENT: ☐ Hand Delivered ☐ Overnight
ALLIANCE: ☐ Picked Up ☐ Overnight

Shipment Complete
☐ YES ☐ NO

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



284 Sheffield Street, Mountainside, NJ 07092

(908) 789-8900 Fax: (908) 78-8922

www.chemtech.net

CHAIN OF CUSTODY RECORD

Alliance Project Number:

Q1888

COC Number:

CLIENT INFORMATION

COMPANY: Alliance Technical Group

ADDRESS: 284 Sheffield Street

CITY Mountainside STATE: NJ ZIP: 07092

ATTENTION: QA Officer

PHONE: 908-789-8900

FAX: 908-788-9222

PROJECT INFORMATION

PROJECT NAME: Weekly Storage Blanks

PROJECT #:

LOCATION:

PROJECT MANAGER:

E-MAIL:

PHONE:

FAX:

BILLING INFORMATION

BILL TO: Same

PO#

ADDRESS:

CITY:

STATE: ZIP:

ATTENTION:

PHONE:

DATA TURNAROUND INFORMATION

FAX: _____ 10 _____ DAYS*
HARD COPY: _____ 10 _____ DAYS*
EDD _____ DAYS*

* TO BE APPROVED BY ALLIANCE

STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

- ☐ RESULTS ONLY (L1) ☐ US EPA CLP (L4)
☐ RESULTS + QC (L2) ☐ NYS ASP "A" (L2)
☐ NJ REDUCED (L3) ☐ NYS ASP "B" (L4)
☐ NJ FULL (L4) ☐ Other _____
☐ EDD Format _____

ANALYSIS

VOC-Drinking H2O

SVOC-Full+25-8270

PESTICIDE-TCL

PCB

1

2

3

4

5

6

7

8

9

PRESERVATIVES

COMMENTS

← Specify Preservatives
A-HCl B-HNO3
C-H2SO4 D-NaOH
E-ICE F-Other

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# of Bottles	PRESERVATIVES									COMMENTS		
			COMP	GRAB	DATE	TIME		A/E	1	2	3	4	5	6	7	8		9	
1.	PEST-GPC2-BLANK	SO		X			1				X								
2.	PEST-GPC2-BLANK-SPIKE	SO		X			1				X								
3.	PCB-GPC2-BLANK	SO		X			1					X							
4.	PCB-GPC2-BLANK-SPIKE	SO		X			1					X							
5.																			
6.																			
7.																			
8.																			
9.																			
10.																			

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

RELINQUISHED BY SAMPLER DATE/TIME RECEIVED BY

1. *Sarm* 04/25/12 1.

RELINQUISHED BY DATE/TIME RECEIVED BY

2.

RELINQUISHED BY DATE/TIME RECEIVED FOR LAB BY

3.

Conditions of bottles or coolers at receipt:

☐ Compliant ☐ Non Compliant ☐ Cooler Temp _____

MeOH extraction requires an additional 4oz. Jar for percent solid

☐ Ice in Cooler?: _____

Comments:

SHIPPED VIA: CLIENT: ☐ Hand Delivered ☐ OvernightALLIANCE: ☐ Picked Up ☐ Overnight

Shipment Complete

☐ YES ☐ NO

Page 2 of 2

WHITE - ALLIANCE COPY FOR RETURN TO CLIENT

YELLOW - ALLIANCE COPY

PINK - SAMPLER COPY

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