

Cover Page

Order ID : Q3202

Project ID : Syosset Landfill 2025

Client : Lockwood, Kessler & Bartlett, Inc.

Lab Sample Number

Q3202-01
Q3202-02
Q3202-03
Q3202-04
Q3202-05
Q3202-06
Q3202-07
Q3202-08
Q3202-09
Q3202-10
Q3202-11
Q3202-12
Q3202-13
Q3202-14
Q3202-15
Q3202-16
Q3202-17
Q3202-18
Q3202-19

Client Sample Number

SY-6
SY-6
SY-2R
SY-2R
SY-2D
SY-2D
SY-5
SY-5
SY-3DD
SY-3DD
SY-3D
SY-3D
Q3202-11MS
Q3202-12MS
Q3202-11MSD
Q3202-12MSD
SY-3
SY3
TB

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : _____

Date: 10/6/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q3202

Completed

For thorough review, the report must have the following:

GENERAL:

Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)

✓

Check chain-of-custody for proper relinquish/return of samples

✓

Is the chain of custody signed and complete

✓

Check internal chain-of-custody for proper relinquish/return of samples /sample extracts

✓

Collect information for each project id from server. Were all requirements followed

✓

COVER PAGE:

Do numbers of samples correspond to the number of samples in the Chain of Custody on login page

✓

Do lab numbers and client Ids on cover page agree with the Chain of Custody

✓

CHAIN OF CUSTODY:

Do requested analyses on Chain of Custody agree with form I results

✓

Do requested analyses on Chain of Custody agree with the log-in page

✓

Were the correct method log-in for analysis according to the Analytical Request and Chain of Castody

✓

Were the samples received within hold time

✓

Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle

✓

ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: KETAN PATEL

Date: 10/06/2025

LAB CHRONICLE

OrderID: Q3202	OrderDate: 9/25/2025 11:08:00 AM
Client: Lockwood, Kessler & Bartlett, Inc.	Project: Syosset Landfill 2025
Contact: John Gerlach	Location: I63,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3202-01	SY-6	Water	VOCMS Group1	8260-Low	09/23/25		10/02/25	09/24/25
			VOCMS Group1	8260-Low			10/03/25	
Q3202-03	SY-2R	Water	VOCMS Group1	8260-Low	09/23/25		10/06/25	09/24/25
Q3202-05	SY-2D	Water	VOCMS Group1	8260-Low	09/23/25		10/06/25	09/24/25
Q3202-07	SY-5	Water	VOCMS Group1	8260-Low	09/23/25		10/06/25	09/24/25
Q3202-09	SY-3DD	Water	VOCMS Group1	8260-Low	09/23/25		10/06/25	09/24/25
Q3202-11	SY-3D	Water	VOCMS Group1	8260-Low	09/23/25		10/06/25	09/24/25
Q3202-17	SY-3	Water	VOCMS Group1	8260-Low	09/23/25		10/06/25	09/24/25
Q3202-19	TB	Water	VOCMS Group1	8260-Low	09/24/25		10/06/25	09/24/25

Hit Summary Sheet
SW-846

SDG No.: Q3202

Client: Lockwood, Kessler & Bartlett, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID: Q3202-07	SY-5 SY-5	Water	Acetone	1.50	J	1.50	5.00	ug/L
			Total Voc :	1.50				
			Total Concentration:	1.50				
Client ID: Q3202-11	SY-3D SY-3D	Water	Acetone	2.00	J	1.50	5.00	ug/L
			Total Voc :	2.00				
			Total Concentration:	2.00				
Client ID: Q3202-17	SY-3 SY-3	Water	Acetone	7.20		1.50	5.00	ug/L
Q3202-17	SY-3	Water	Carbon Disulfide	1.30		0.21	1.00	ug/L
			Total Voc :	8.50				
			Total Concentration:	8.50				



QC SUMMARY

Surrogate Summary

SDG No.: **Q3202**

Client: **Lockwood, Kessler & Bartlett, Inc.**

Analytical Method: **SW8260-Low**

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
							Low	High
Q3202-01	SY-6	1,2-Dichloroethane-d4	50	55.0	110		74	125
		Dibromofluoromethane	50	50.6	101		75	124
		Toluene-d8	50	49.6	99		86	113
		4-Bromofluorobenzene	50	58.3	117		77	121
Q3202-03	SY-2R	1,2-Dichloroethane-d4	50	53.4	107		74	125
		Dibromofluoromethane	50	49.9	100		75	124
		Toluene-d8	50	48.8	98		86	113
		4-Bromofluorobenzene	50	57.1	114		77	121
Q3202-05	SY-2D	1,2-Dichloroethane-d4	50	54.5	109		74	125
		Dibromofluoromethane	50	50.1	100		75	124
		Toluene-d8	50	49.6	99		86	113
		4-Bromofluorobenzene	50	56.7	113		77	121
Q3202-07	SY-5	1,2-Dichloroethane-d4	50	52.8	106		74	125
		Dibromofluoromethane	50	49.7	99		75	124
		Toluene-d8	50	47.8	96		86	113
		4-Bromofluorobenzene	50	56.0	112		77	121
Q3202-09	SY-3DD	1,2-Dichloroethane-d4	50	54.0	108		74	125
		Dibromofluoromethane	50	51.1	102		75	124
		Toluene-d8	50	49.9	100		86	113
		4-Bromofluorobenzene	50	56.9	114		77	121
Q3202-11	SY-3D	1,2-Dichloroethane-d4	50	56.9	114		74	125
		Dibromofluoromethane	50	52.7	105		75	124
		Toluene-d8	50	50.0	100		86	113
		4-Bromofluorobenzene	50	57.3	115		77	121
Q3202-13MS	SY-3DMS	1,2-Dichloroethane-d4	50	62.4	125		74	125
		Dibromofluoromethane	50	58.8	118		75	124
		Toluene-d8	50	54.1	108		86	113
		4-Bromofluorobenzene	50	58.0	116		77	121
Q3202-15MSD	SY-3DMSD	1,2-Dichloroethane-d4	50	57.0	114		74	125
		Dibromofluoromethane	50	55.2	110		75	124
		Toluene-d8	50	53.9	108		86	113
		4-Bromofluorobenzene	50	54.6	109		77	121
Q3202-17	SY-3	1,2-Dichloroethane-d4	50	52.4	105		74	125
		Dibromofluoromethane	50	49.8	100		75	124
		Toluene-d8	50	49.0	98		86	113
		4-Bromofluorobenzene	50	55.9	112		77	121
Q3202-19	TB	1,2-Dichloroethane-d4	50	50.8	102		74	125
		Dibromofluoromethane	50	48.7	97		75	124
		Toluene-d8	50	47.3	95		86	113
		4-Bromofluorobenzene	50	53.6	107		77	121
VX1003WBL01	VX1003WBL01	1,2-Dichloroethane-d4	50	56.6	113		74	125
		Dibromofluoromethane	50	51.0	102		75	124
		Toluene-d8	50	49.4	99		86	113
		4-Bromofluorobenzene	50	57.0	114		77	121
VX1003WBS02	VX1003WBS02	1,2-Dichloroethane-d4	50	53.6	107		74	125
		Dibromofluoromethane	50	55.1	110		75	124
		Toluene-d8	50	53.6	107		86	113
		4-Bromofluorobenzene	50	54.0	108		77	121
VX1006WBL01	VX1006WBL01	1,2-Dichloroethane-d4	50	51.8	104		74	125
		Dibromofluoromethane	50	49.4	99		75	124

Surrogate Summary

SDG No.: Q3202

Client: Lockwood, Kessler & Bartlett, Inc.

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
							Low	High
VX1006WBL01	VX1006WBL01	Toluene-d8	50	48.9	98		86	113
		4-Bromofluorobenzene	50	54.9	110		77	121
VX1006WBS02	VX1006WBS02	1,2-Dichloroethane-d4	50	43.1	86		74	125
		Dibromofluoromethane	50	47.4	95		75	124
		Toluene-d8	50	47.3	95		86	113
		4-Bromofluorobenzene	50	46.8	94		77	121

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3202

Analytical Method:

SW8260-Low

Client: Lockwood, Kessler & Bartlett

Datafile :

VX048032.D

Limits										
Parameter	Spike	Sample	Result	Units	Rec			RPD		RPD
		Result			Qual	RPD	Qual	Low	High	
Lab Sample ID :	Q3202-13MS	Client Sample ID :	SY-3DMS							
Vinyl chloride	50	0	47.9	ug/L	96				69	125
Chloroethane	50	0	51.0	ug/L	102				70	141
Trichlorofluoromethane	50	0	48.4	ug/L	97				72	124
1,1-Dichloroethene	50	0	49.5	ug/L	99				53	162
Acrylonitrile	250	0	310	ug/L	124				60	146
Acetone	250	2.00	230	ug/L	91				44	150
Carbon disulfide	50	0	43.6	ug/L	87				44	135
Methylene Chloride	50	0	54.9	ug/L	110				79	115
Vinyl Acetate	250	0	270	ug/L	108				50	175
2-Butanone	250	0	290	ug/L	116				67	137
Carbon Tetrachloride	50	0	46.8	ug/L	94				66	133
cis-1,2-Dichloroethene	50	0	53.8	ug/L	108				82	124
Bromochloromethane	50	0	59.9	ug/L	120				72	130
Chloroform	50	0	57.7	ug/L	115				83	119
1,1,1-Trichloroethane	50	0	52.8	ug/L	106				83	117
Benzene	50	0	51.0	ug/L	102				81	128
1,2-Dichloropropane	50	0	53.5	ug/L	107				85	116
Dibromomethane	50	0	54.6	ug/L	109				71	132
Bromodichloromethane	50	0	55.7	ug/L	111				54	157
4-Methyl-2-Pentanone	250	0	300	ug/L	120				72	137
Toluene	50	0	50.7	ug/L	101				85	115
t-1,3-Dichloropropene	50	0	51.7	ug/L	103				60	141
cis-1,3-Dichloropropene	50	0	51.1	ug/L	102				36	161
2-Hexanone	250	0	280	ug/L	112				75	131
Dibromochloromethane	50	0	58.4	ug/L	117				59	164
1,2-Dibromoethane	50	0	56.7	ug/L	113				85	119
Tetrachloroethene	50	0	42.5	ug/L	85				48	153
Chlorobenzene	50	0	48.6	ug/L	97				85	114
1,1,1,2-Tetrachloroethane	50	0	51.5	ug/L	103				69	129
Ethyl Benzene	50	0	46.2	ug/L	92				81	128
m/p-Xylenes	100	0	94.1	ug/L	94				69	129
o-Xylene	50	0	47.9	ug/L	96				75	127
Styrene	50	0	49.0	ug/L	98				84	128
Bromoform	50	0	54.3	ug/L	109				73	147
1,1,2,2-Tetrachloroethane	50	0	49.7	ug/L	99				81	131
1,2,3-Trichloropropane	50	0	50.1	ug/L	100				68	128
1,4-Dichlorobenzene	50	0	43.9	ug/L	88				81	111
1,2-Dichlorobenzene	50	0	44.9	ug/L	90				82	113
1,2-Dibromo-3-Chloropropane	50	0	46.6	ug/L	93				79	137
Methyl iodide	50	0	37.8	ug/L	76	*			77	120
trans-1,4-Dichloro-2-butene	50	0	41.3	ug/L	83				24	124

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3202

Analytical Method:

SW8260-Low

Client: Lockwood, Kessler & Bartlett

Datafile :

VX048033.D

		Sample				Rec	RPD		Limits		
Parameter	Spike	Result	Result	Units	Rec	Qual	RPD	Qual	Low	High	RPD
Lab Sample ID :	Q3202-15MSD	Client Sample ID :	SY-3DMSD								
Vinyl chloride	50	0	48.9	ug/L	98		2		69	125	20
Chloroethane	50	0	50.3	ug/L	101		1		70	141	20
Trichlorofluoromethane	50	0	48.8	ug/L	98		1		72	124	20
1,1-Dichloroethene	50	0	49.9	ug/L	100		1		53	162	20
Acrylonitrile	250	0	310	ug/L	124		0		60	146	20
Acetone	250	2.00	230	ug/L	91		0		44	150	20
Carbon disulfide	50	0	44.0	ug/L	88		1		44	135	20
Methylene Chloride	50	0	55.1	ug/L	110		0		79	115	20
Vinyl Acetate	250	0	280	ug/L	112		4		50	175	20
2-Butanone	250	0	280	ug/L	112		4		67	137	20
Carbon Tetrachloride	50	0	48.7	ug/L	97		4		66	133	20
cis-1,2-Dichloroethene	50	0	56.6	ug/L	113		5		82	124	20
Bromochloromethane	50	0	60.2	ug/L	120		0		72	130	20
Chloroform	50	0	59.2	ug/L	118		3		83	119	20
1,1,1-Trichloroethane	50	0	54.3	ug/L	109		3		83	117	20
Benzene	50	0	52.6	ug/L	105		3		81	128	20
1,2-Dichloropropane	50	0	56.3	ug/L	113		5		85	116	20
Dibromomethane	50	0	56.5	ug/L	113		3		71	132	20
Bromodichloromethane	50	0	58.8	ug/L	118		5		54	157	20
4-Methyl-2-Pentanone	250	0	300	ug/L	120		0		72	137	20
Toluene	50	0	53.6	ug/L	107		6		85	115	20
t-1,3-Dichloropropene	50	0	55.1	ug/L	110		6		60	141	20
cis-1,3-Dichloropropene	50	0	53.9	ug/L	108		5		36	161	20
2-Hexanone	250	0	290	ug/L	116		4		75	131	20
Dibromochloromethane	50	0	61.5	ug/L	123		5		59	164	20
1,2-Dibromoethane	50	0	60.0	ug/L	120	*	6		85	119	20
Tetrachloroethene	50	0	45.8	ug/L	92		7		48	153	20
Chlorobenzene	50	0	52.6	ug/L	105		8		85	114	20
1,1,1,2-Tetrachloroethane	50	0	55.2	ug/L	110		7		69	129	20
Ethyl Benzene	50	0	50.3	ug/L	101		8		81	128	20
m/p-Xylenes	100	0	100	ug/L	100		6		69	129	20
o-Xylene	50	0	52.3	ug/L	105		9		75	127	20
Styrene	50	0	53.2	ug/L	106		8		84	128	20
Bromoform	50	0	58.4	ug/L	117		7		73	147	20
1,1,2,2-Tetrachloroethane	50	0	57.3	ug/L	115		14		81	131	20
1,2,3-Trichloropropane	50	0	49.7	ug/L	99		1		68	128	20
1,4-Dichlorobenzene	50	0	51.0	ug/L	102		15		81	111	20
1,2-Dichlorobenzene	50	0	52.5	ug/L	105		16		82	113	20
1,2-Dibromo-3-Chloropropane	50	0	53.1	ug/L	106		13		79	137	20
Methyl iodide	50	0	46.1	ug/L	92		20		77	120	20
trans-1,4-Dichloro-2-butene	50	0	48.2	ug/L	96		15		24	124	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q3202</u>	Analytical Method:	<u>SW8260-Low</u>
Client:	<u>Lockwood, Kessler & Bartlett, Inc.</u>	Datafile :	<u>VX047986.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VX1003WBS02	Vinyl chloride	20	18.1	ug/L	91			65	117	
	Chloroethane	20	18.2	ug/L	91			56	128	
	Trichlorofluoromethane	20	18.9	ug/L	95			73	115	
	1,1-Dichloroethene	20	18.2	ug/L	91			74	110	
	Acrylonitrile	100	96.8	ug/L	97			73	113	
	Acetone	100	75.3	ug/L	75			60	125	
	Carbon disulfide	20	16.4	ug/L	82			64	112	
	Methylene Chloride	20	19.6	ug/L	98			72	114	
	Vinyl Acetate	100	94.6	ug/L	95			76	115	
	2-Butanone	100	85.5	ug/L	86			65	122	
	Carbon Tetrachloride	20	19.0	ug/L	95			77	113	
	cis-1,2-Dichloroethene	20	19.3	ug/L	97			77	110	
	Bromochloromethane	20	20.3	ug/L	102			70	124	
	Chloroform	20	20.4	ug/L	102			79	113	
	1,1,1-Trichloroethane	20	19.8	ug/L	99			80	108	
	Benzene	20	19.6	ug/L	98			82	109	
	1,2-Dichloropropane	20	20.4	ug/L	102			83	111	
	Dibromomethane	20	20.4	ug/L	102			82	110	
	Bromodichloromethane	20	20.9	ug/L	104			83	110	
	4-Methyl-2-Pentanone	100	96.3	ug/L	96			74	118	
	Toluene	20	19.4	ug/L	97			82	110	
	t-1,3-Dichloropropene	20	19.3	ug/L	97			79	110	
	cis-1,3-Dichloropropene	20	19.6	ug/L	98			82	110	
	2-Hexanone	100	88.5	ug/L	89			73	117	
	Dibromochloromethane	20	21.2	ug/L	106			82	110	
	1,2-Dibromoethane	20	20.7	ug/L	104			81	110	
	Tetrachloroethene	20	18.7	ug/L	94			67	123	
	Chlorobenzene	20	19.4	ug/L	97			82	109	
	1,1,1,2-Tetrachloroethane	20	20.4	ug/L	102			84	111	
	Ethyl Benzene	20	18.7	ug/L	94			83	109	
	m/p-Xylenes	40	37.8	ug/L	95			82	110	
	o-Xylene	20	19.1	ug/L	96			83	109	
	Styrene	20	19.0	ug/L	95			80	111	
	Bromoform	20	19.9	ug/L	100			79	109	
	1,1,2,2-Tetrachloroethane	20	19.7	ug/L	99			76	118	
	1,2,3-Trichloropropane	20	19.2	ug/L	96			75	112	
	1,4-Dichlorobenzene	20	18.8	ug/L	94			82	107	
	1,2-Dichlorobenzene	20	18.9	ug/L	95			82	109	
	1,2-Dibromo-3-Chloropropane	20	16.4	ug/L	82			68	112	
	Methyl iodide	20	16.0	ug/L	80			70	130	
	trans-1,4-Dichloro-2-butene	20	15.9	ug/L	79			79	102	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q3202</u>	Analytical Method:	<u>SW8260-Low</u>
Client:	<u>Lockwood, Kessler & Bartlett, Inc.</u>	Datafile :	<u>VX048014.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VX1006WBS02	Vinyl chloride	20	17.2	ug/L	86			65	117	
	Chloroethane	20	17.1	ug/L	86			56	128	
	Trichlorofluoromethane	20	18.7	ug/L	94			73	115	
	1,1-Dichloroethene	20	17.7	ug/L	89			74	110	
	Acrylonitrile	100	91.1	ug/L	91			73	113	
	Acetone	100	78.1	ug/L	78			60	125	
	Carbon disulfide	20	15.9	ug/L	79			64	112	
	Methylene Chloride	20	16.7	ug/L	84			72	114	
	Vinyl Acetate	100	85.0	ug/L	85			76	115	
	2-Butanone	100	85.2	ug/L	85			65	122	
	Carbon Tetrachloride	20	19.6	ug/L	98			77	113	
	cis-1,2-Dichloroethene	20	17.4	ug/L	87			77	110	
	Bromochloromethane	20	19.0	ug/L	95			70	124	
	Chloroform	20	18.6	ug/L	93			79	113	
	1,1,1-Trichloroethane	20	18.9	ug/L	95			80	108	
	Benzene	20	18.2	ug/L	91			82	109	
	1,2-Dichloropropane	20	19.2	ug/L	96			83	111	
	Dibromomethane	20	18.7	ug/L	94			82	110	
	Bromodichloromethane	20	19.0	ug/L	95			83	110	
	4-Methyl-2-Pentanone	100	95.7	ug/L	96			74	118	
	Toluene	20	18.9	ug/L	95			82	110	
	t-1,3-Dichloropropene	20	17.7	ug/L	89			79	110	
	cis-1,3-Dichloropropene	20	18.6	ug/L	93			82	110	
	2-Hexanone	100	92.1	ug/L	92			73	117	
	Dibromochloromethane	20	20.0	ug/L	100			82	110	
	1,2-Dibromoethane	20	19.2	ug/L	96			81	110	
	Tetrachloroethene	20	18.7	ug/L	94			67	123	
	Chlorobenzene	20	18.7	ug/L	94			82	109	
	1,1,1,2-Tetrachloroethane	20	19.4	ug/L	97			84	111	
	Ethyl Benzene	20	18.4	ug/L	92			83	109	
	m/p-Xylenes	40	37.6	ug/L	94			82	110	
	o-Xylene	20	18.4	ug/L	92			83	109	
	Styrene	20	18.2	ug/L	91			80	111	
	Bromoform	20	19.1	ug/L	96			79	109	
	1,1,2,2-Tetrachloroethane	20	18.8	ug/L	94			76	118	
	1,2,3-Trichloropropane	20	18.5	ug/L	93			75	112	
	1,4-Dichlorobenzene	20	17.9	ug/L	90			82	107	
	1,2-Dichlorobenzene	20	17.8	ug/L	89			82	109	
	1,2-Dibromo-3-Chloropropane	20	16.9	ug/L	85			68	112	
	Methyl iodide	20	13.3	ug/L	67		*	70	130	
	trans-1,4-Dichloro-2-butene	20	15.6	ug/L	78		*	79	102	

VOLATILE METHOD BLANK SUMMARY

Client ID

VX1003WBL01

Lab Name: Alliance

Contract: LOCK01

Lab Code: ACE

SDG NO.: Q3202

Lab File ID: VX047983.D

Lab Sample ID: VX1003WBL01

Date Analyzed: 10/03/2025

Time Analyzed: 10:16

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
VX1003WBS02	VX1003WBS02	VX047986.D	10/03/2025
SY-6	Q3202-01	VX047991.D	10/03/2025

COMMENTS: _____

VOLATILE METHOD BLANK SUMMARY

Client ID

VX1006WBL01

Lab Name: Alliance

Contract: LOCK01

Lab Code: ACE

SDG NO.: Q3202

Lab File ID: VX048011.D

Lab Sample ID: VX1006WBL01

Date Analyzed: 10/06/2025

Time Analyzed: 09:44

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
TB	Q3202-19	VX048013.D	10/06/2025
VX1006WBS02	VX1006WBS02	VX048014.D	10/06/2025
SY-2R	Q3202-03	VX048025.D	10/06/2025
SY-2D	Q3202-05	VX048026.D	10/06/2025
SY-5	Q3202-07	VX048027.D	10/06/2025
SY-3DD	Q3202-09	VX048028.D	10/06/2025
SY-3	Q3202-17	VX048029.D	10/06/2025
SY-3D	Q3202-11	VX048031.D	10/06/2025
SY-3DMS	Q3202-13MS	VX048032.D	10/06/2025
SY-3DMSD	Q3202-15MSD	VX048033.D	10/06/2025

COMMENTS: _____



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

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: LOCK01

Lab Code: ACE

SDG NO.: Q3202

Lab File ID: VX047584.D

BFB Injection Date: 09/16/2025

Instrument ID: MSVOA_X

BFB Injection Time: 08:56

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	20
75	30.0 - 60.0% of mass 95	54
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	7
173	Less than 2.0% of mass 174	0.7 (1) 1
174	50.0 - 100.0% of mass 95	67.3
175	5.0 - 9.0% of mass 174	5.4 (8.1) 1
176	95.0 - 101.0% of mass 174	66.3 (98.6) 1
177	5.0 - 9.0% of mass 176	4.3 (6.4) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDIC001	VSTDIC001	VX047585.D	09/16/2025	09:23
VSTDIC005	VSTDIC005	VX047586.D	09/16/2025	10:16
VSTDIC020	VSTDIC020	VX047587.D	09/16/2025	10:37
VSTDIC050	VSTDIC050	VX047588.D	09/16/2025	10:58
VSTDIC100	VSTDIC100	VX047589.D	09/16/2025	11:40
VSTDIC150	VSTDIC150	VX047590.D	09/16/2025	12:01



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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: LOCK01

Lab Code: ACE

SDG NO.: Q3202

Lab File ID: VX047980.D

BFB Injection Date: 10/03/2025

Instrument ID: MSVOA_X

BFB Injection Time: 08:35

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	20.8
75	30.0 - 60.0% of mass 95	53.1
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	0.9 (1.3) 1
174	50.0 - 100.0% of mass 95	67.2
175	5.0 - 9.0% of mass 174	5.2 (7.7) 1
176	95.0 - 101.0% of mass 174	64.1 (95.4) 1
177	5.0 - 9.0% of mass 176	4.1 (6.4) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VX047981.D	10/03/2025	09:35
VX1003WBL01	VX1003WBL01	VX047983.D	10/03/2025	10:16
VX1003WBS02	VX1003WBS02	VX047986.D	10/03/2025	12:22
SY-6	Q3202-01	VX047991.D	10/03/2025	14:11



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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: LOCK01

Lab Code: ACE

SDG NO.: Q3202

Lab File ID: VX048008.D

BFB Injection Date: 10/06/2025

Instrument ID: MSVOA_X

BFB Injection Time: 08:12

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	20.7
75	30.0 - 60.0% of mass 95	52.4
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.4
173	Less than 2.0% of mass 174	1 (1.4) 1
174	50.0 - 100.0% of mass 95	70.3
175	5.0 - 9.0% of mass 174	5.4 (7.7) 1
176	95.0 - 101.0% of mass 174	68.5 (97.4) 1
177	5.0 - 9.0% of mass 176	4.4 (6.4) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VX048009.D	10/06/2025	08:54
VX1006WBL01	VX1006WBL01	VX048011.D	10/06/2025	09:44
TB	Q3202-19	VX048013.D	10/06/2025	11:13
VX1006WBS02	VX1006WBS02	VX048014.D	10/06/2025	11:34
SY-2R	Q3202-03	VX048025.D	10/06/2025	15:31
SY-2D	Q3202-05	VX048026.D	10/06/2025	15:51
SY-5	Q3202-07	VX048027.D	10/06/2025	16:12
SY-3DD	Q3202-09	VX048028.D	10/06/2025	16:33
SY-3	Q3202-17	VX048029.D	10/06/2025	16:54
SY-3D	Q3202-11	VX048031.D	10/06/2025	17:35
SY-3DMS	Q3202-13MS	VX048032.D	10/06/2025	17:56
SY-3DMSD	Q3202-15MSD	VX048033.D	10/06/2025	18:17

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: LOCK01
 Lab Code: ACE SDG NO.: Q3202
 Lab File ID: VX047981.D Date Analyzed: 10/03/2025
 Instrument ID: MSVOA_X Time Analyzed: 09:35
 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	131937	5.53	225878	6.74	209083	10.04
UPPER LIMIT	263874	6.031	451756	7.239	418166	10.537
LOWER LIMIT	65968.5	5.031	112939	6.239	104542	9.537
EPA SAMPLE NO.						
SY-6	129645	5.54	264813	6.75	277682	10.04
VX1003WBL01	132031	5.54	278145	6.75	290715	10.04
VX1003WBS02	126673	5.54	223242	6.75	203303	10.04

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:	<u>Alliance</u>	Contract:	<u>LOCK01</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q3202</u>
Lab File ID:	<u>VX047981.D</u>	Date Analyzed:	<u>10/03/2025</u>
Instrument ID:	<u>MSVOA_X</u>	Time Analyzed:	<u>09:35</u>
GC Column:	<u>DB-624UI</u>	ID:	<u>0.18</u> (mm)
		Heated Purge:	(Y/N) <u>N</u>

	IS4 AREA #	RT #				
12 HOUR STD	105470	12.00€				
UPPER LIMIT	210940	12.50€				
LOWER LIMIT	52735	11.50€				
EPA SAMPLE NO.						
SY-6	147037	12.01				
VX1003WBL01	147497	12.01				
VX1003WBS02	101886	12.01				

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.

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: LOCK01
Lab Code: ACE SDG NO.: Q3202
Lab File ID: VX048009.D Date Analyzed: 10/06/2025
Instrument ID: MSVOA_X Time Analyzed: 08:54
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	169040	5.53	276640	6.74	239951	10.04
UPPER LIMIT	338080	6.032	553280	7.239	479902	10.537
LOWER LIMIT	84520	5.032	138320	6.239	119976	9.537
EPA SAMPLE NO.						
SY-2R	122057	5.54	251704	6.75	264687	10.04
SY-2D	132008	5.54	274950	6.75	286333	10.04
SY-5	119710	5.54	246037	6.75	256820	10.04
SY-3DD	131013	5.54	265963	6.75	280445	10.04
SY-3D	124280	5.54	255750	6.75	273710	10.04
SY-3DMS	117529	5.54	220472	6.75	210688	10.04
SY-3DMSD	110266	5.54	205395	6.75	191957	10.04
SY-3	109093	5.54	222131	6.75	230729	10.04
TB	157457	5.54	323356	6.75	327577	10.04
VX1006WBL01	163752	5.54	333598	6.75	343343	10.04
VX1006WBS02	164419	5.54	279226	6.75	253325	10.04

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: Alliance Contract: LOCK01
 Lab Code: ACE SDG NO.: Q3202
 Lab File ID: VX048009.D Date Analyzed: 10/06/2025
 Instrument ID: MSVOA_X Time Analyzed: 08:54
 GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	117957	12				
UPPER LIMIT	235914	12.5				
LOWER LIMIT	58978.5	11.5				
EPA SAMPLE NO.						
SY-2R	135085	12.01				
SY-2D	145340	12.01				
SY-5	131834	12.01				
SY-3DD	140531	12.01				
SY-3D	139753	12.01				
SY-3DMS	111123	12.01				
SY-3DMSD	95020	12.01				
SY-3	114487	12.01				
TB	161049	12.01				
VX1006WBL01	171990	12.01				
VX1006WBS02	126701	12.01				

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:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	09/23/25
Project:	Syosset Landfill 2025	Date Received:	09/24/25
Client Sample ID:	SY-6	SDG No.:	Q3202
Lab Sample ID:	Q3202-01	Matrix:	Water
Analytical Method:	8260D	% 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:	Date Analyzed	Prep Batch ID
VX047991.D	1	10/03/25 14:11	VX100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	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
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	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
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
108-05-4	Vinyl Acetate	0.66	U	0.66	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
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
71-43-2	Benzene	0.15	U	0.15	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
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
100-41-4	Ethyl Benzene	0.13	U	0.13	1.00	ug/L

Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	09/23/25
Project:	Syosset Landfill 2025	Date Received:	09/24/25
Client Sample ID:	SY-6	SDG No.:	Q3202
Lab Sample ID:	Q3202-01	Matrix:	Water
Analytical Method:	8260D	% 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:	Date Analyzed	Prep Batch ID
VX047991.D	1	10/03/25 14:11	VX100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1330-20-7	Total Xylenes	0.36	U	0.36	3.00	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
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
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	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
74-88-4	Methyl Iodide	0.83	U	0.83	5.00	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.84	U	0.84	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	55.0		74 - 125	110%	SPK: 50
1868-53-7	Dibromofluoromethane	50.6		75 - 124	101%	SPK: 50
2037-26-5	Toluene-d8	49.6		86 - 113	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	58.3		77 - 121	117%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	130000	5.543			
540-36-3	1,4-Difluorobenzene	265000	6.75			
3114-55-4	Chlorobenzene-d5	278000	10.036			
3855-82-1	1,4-Dichlorobenzene-d4	147000	12.006			

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 OC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100325\
 Data File : VX047991.D
 Acq On : 03 Oct 2025 14:11
 Operator : JC/MD
 Sample : Q3202-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SY-6

Quant Time: Oct 03 23:48:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.543	168	129645	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.750	114	264813	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.036	117	277682	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	147037	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	113474	54.988	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	109.980%
35) Dibromofluoromethane	5.379	113	89906	50.623	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.240%
50) Toluene-d8	8.634	98	304608	49.568	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.140%
62) 4-Bromofluorobenzene	11.067	95	135861	58.254	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	116.500%

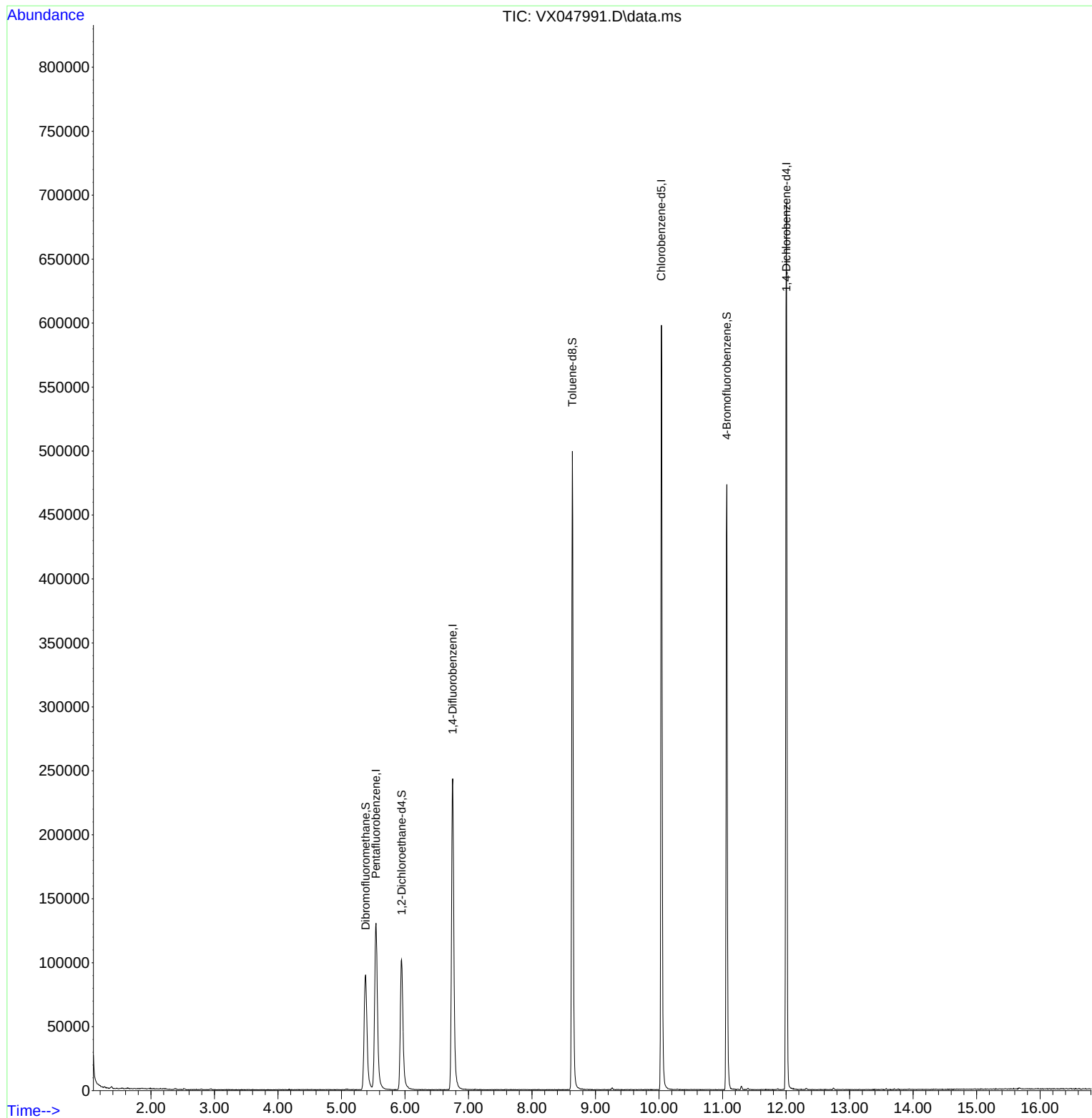
Target Compounds	Qvalue

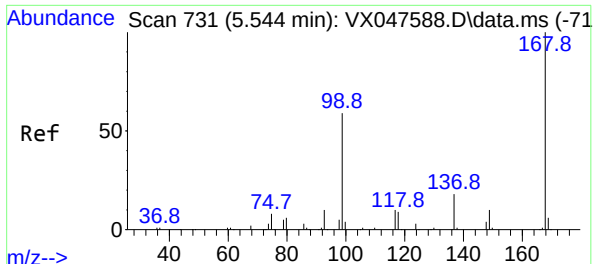
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100325\
Data File : VX047991.D
Acq On : 03 Oct 2025 14:11
Operator : JC/MD
Sample : Q3202-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SY-6

Quant Time: Oct 03 23:48:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

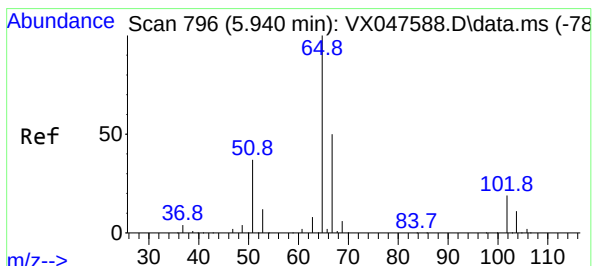
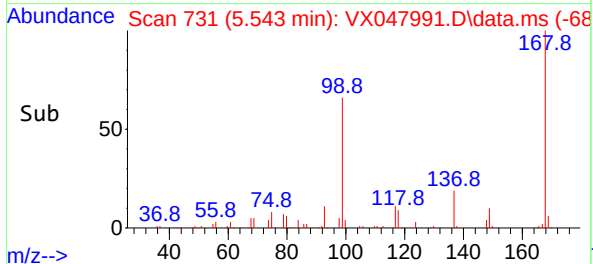
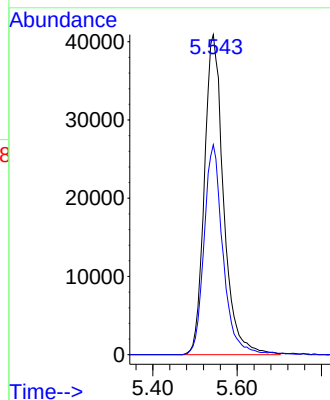
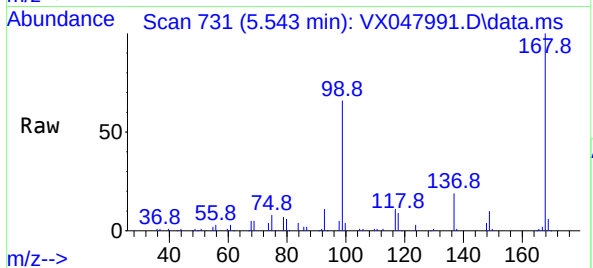




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX047991.D
Acq: 03 Oct 2025 14:11

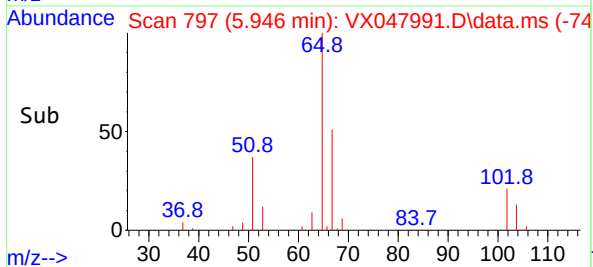
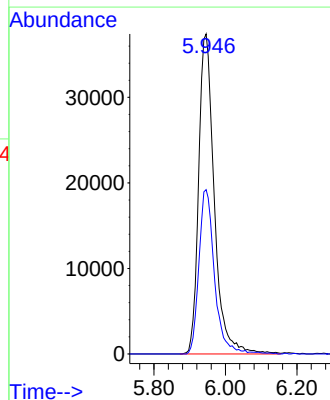
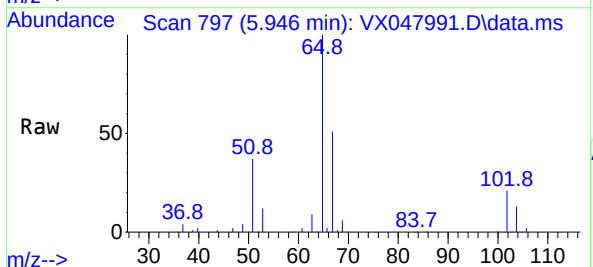
Instrument :
MSVOA_X
ClientSampleId :
SY-6

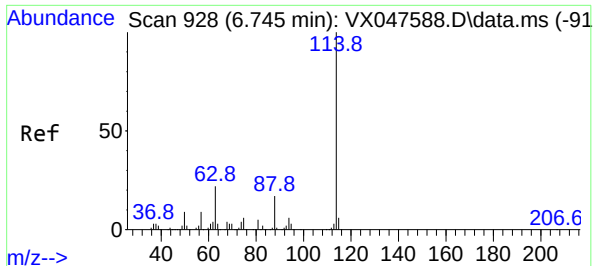
Tgt Ion:168 Resp: 129645
Ion Ratio Lower Upper
168 100
99 65.6 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 54.988 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX047991.D
Acq: 03 Oct 2025 14:11

Tgt Ion: 65 Resp: 113474
Ion Ratio Lower Upper
65 100
67 51.4 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.750 min Scan# 91

Delta R.T. 0.006 min

Lab File: VX047991.D

Acq: 03 Oct 2025 14:11

Instrument :

MSVOA_X

ClientSampleId :

SY-6

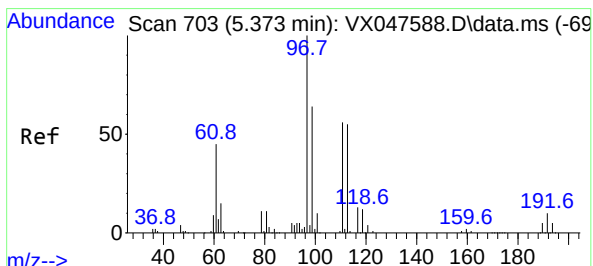
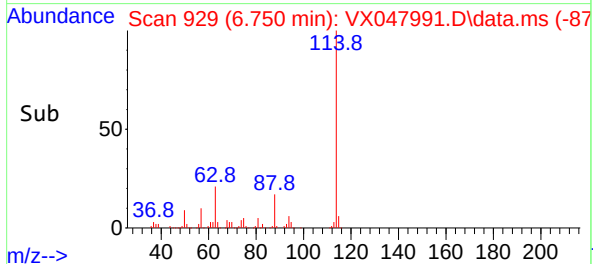
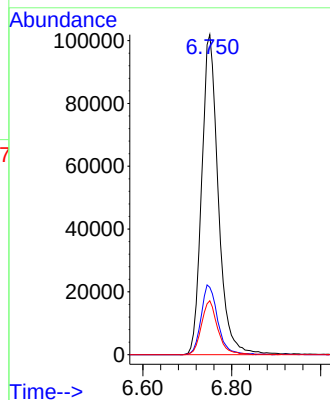
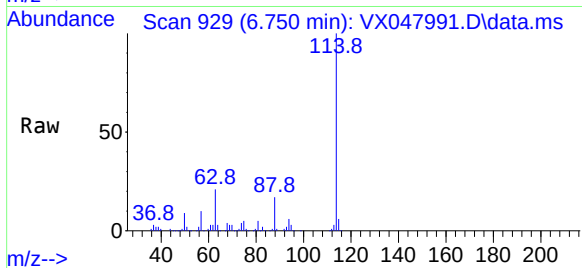
Tgt Ion:114 Resp: 264813

Ion Ratio Lower Upper

114 100

63 21.0 0.0 44.0

88 16.8 0.0 34.2



#35

Dibromofluoromethane

Concen: 50.623 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX047991.D

Acq: 03 Oct 2025 14:11

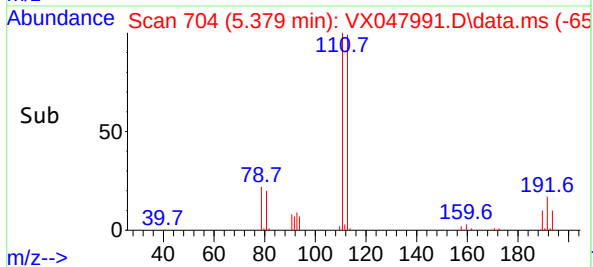
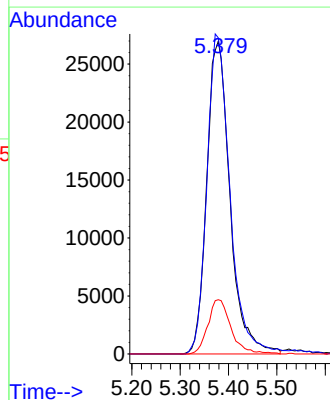
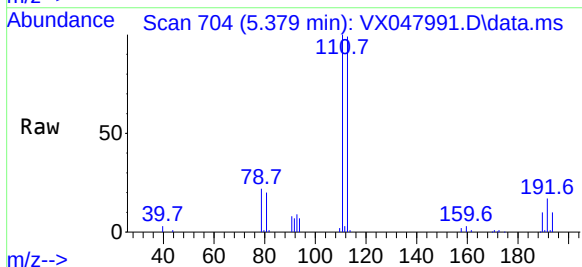
Tgt Ion:113 Resp: 89906

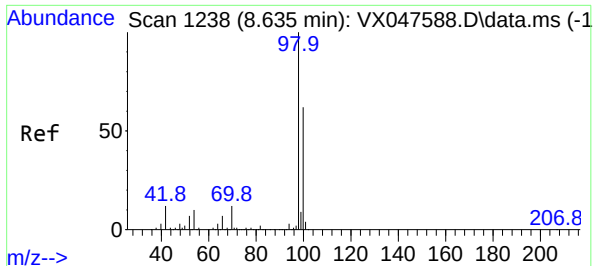
Ion Ratio Lower Upper

113 100

111 101.7 80.9 121.3

192 17.3 14.2 21.4

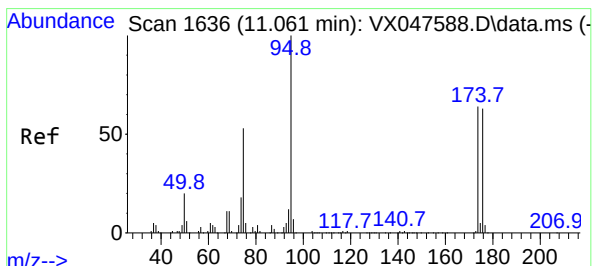
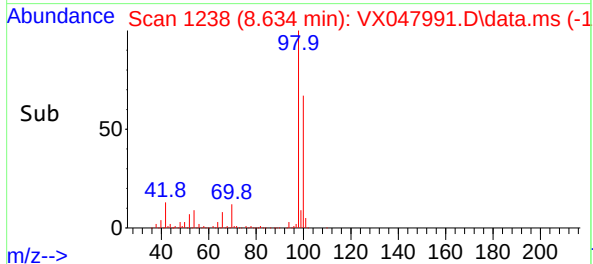
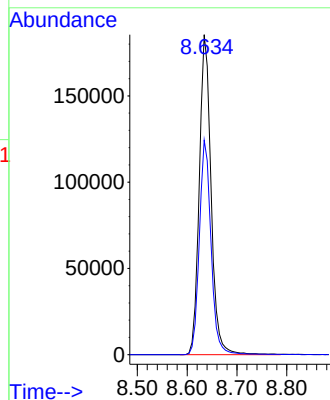
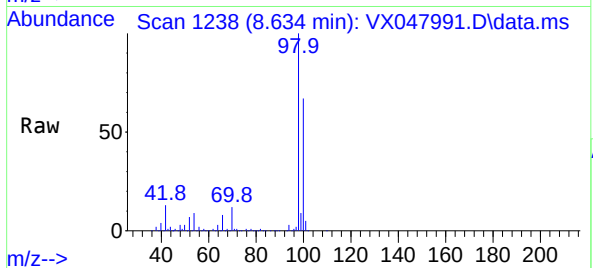




#50
Toluene-d8
Concen: 49.568 ug/l
RT: 8.634 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047991.D
Acq: 03 Oct 2025 14:11

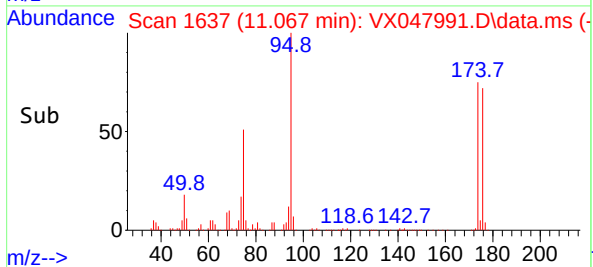
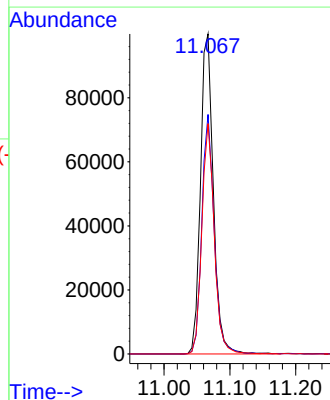
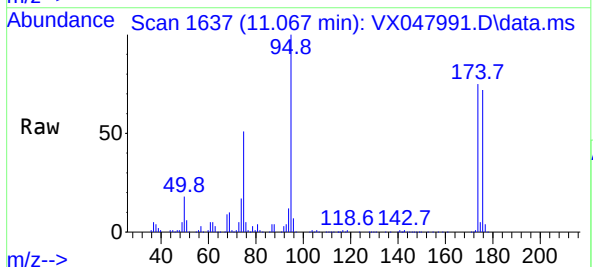
Instrument :
MSVOA_X
ClientSampleId :
SY-6

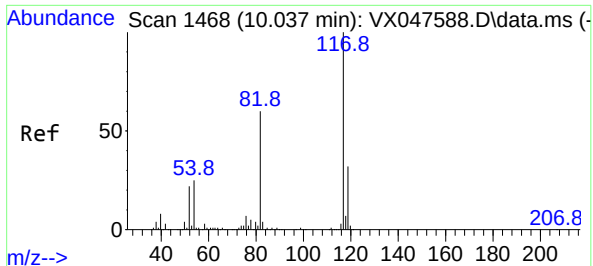
Tgt Ion: 98 Resp: 304608
Ion Ratio Lower Upper
98 100
100 66.6 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 58.254 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX047991.D
Acq: 03 Oct 2025 14:11

Tgt Ion: 95 Resp: 135861
Ion Ratio Lower Upper
95 100
174 72.1 0.0 141.6
176 69.5 0.0 138.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.036 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VX047991.D

Acq: 03 Oct 2025 14:11

Instrument :

MSVOA_X

ClientSampleId :

SY-6

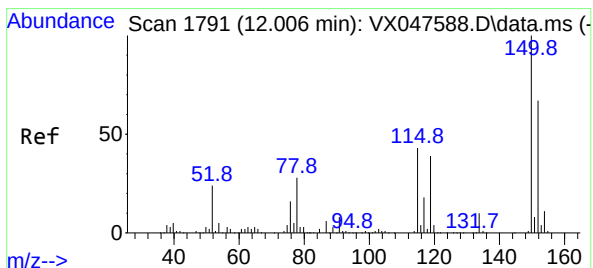
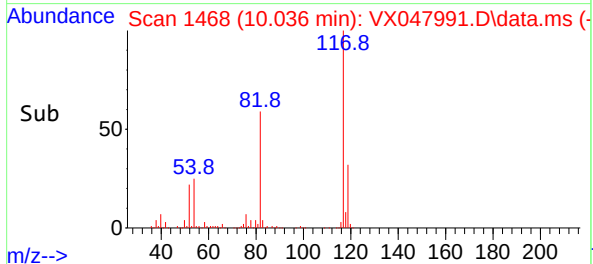
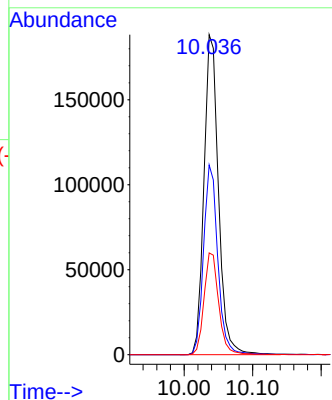
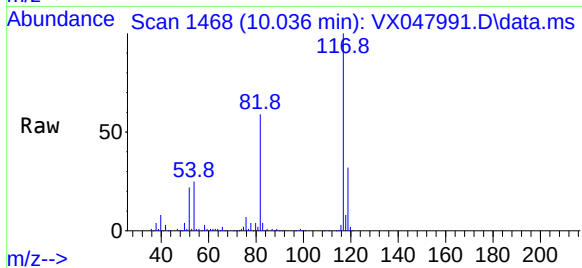
Tgt Ion:117 Resp: 277682

Ion Ratio Lower Upper

117 100

82 59.3 47.8 71.6

119 31.8 25.2 37.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX047991.D

Acq: 03 Oct 2025 14:11

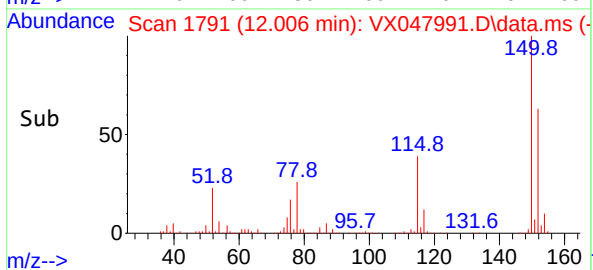
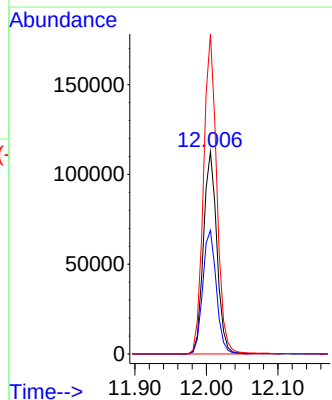
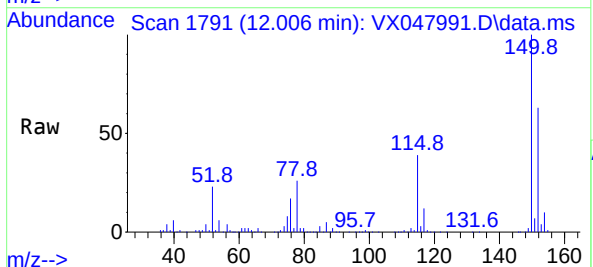
Tgt Ion:152 Resp: 147037

Ion Ratio Lower Upper

152 100

115 61.9 44.9 134.5

150 156.7 0.0 352.0



Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.		Date Collected:	09/23/25	
Project:	Syosset Landfill 2025		Date Received:	09/24/25	
Client Sample ID:	SY-2R		SDG No.:	Q3202	
Lab Sample ID:	Q3202-03		Matrix:	Water	
Analytical Method:	8260D		% Solid:	0	
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group1	
GC Column:	DB-624UI	ID : 0.18	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX048025.D	1	10/06/25 15:31	VX100625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	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
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	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
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
108-05-4	Vinyl Acetate	0.66	U	0.66	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
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
71-43-2	Benzene	0.15	U	0.15	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
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
100-41-4	Ethyl Benzene	0.13	U	0.13	1.00	ug/L

Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	09/23/25
Project:	Syosset Landfill 2025	Date Received:	09/24/25
Client Sample ID:	SY-2R	SDG No.:	Q3202
Lab Sample ID:	Q3202-03	Matrix:	Water
Analytical Method:	8260D	% 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:	Date Analyzed	Prep Batch ID
VX048025.D	1	10/06/25 15:31	VX100625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1330-20-7	Total Xylenes	0.36	U	0.36	3.00	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
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
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	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
74-88-4	Methyl Iodide	0.83	UQ	0.83	5.00	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.84	UQ	0.84	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.4		74 - 125	107%	SPK: 50
1868-53-7	Dibromofluoromethane	49.9		75 - 124	100%	SPK: 50
2037-26-5	Toluene-d8	48.8		86 - 113	98%	SPK: 50
460-00-4	4-Bromofluorobenzene	57.1		77 - 121	114%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	122000	5.544			
540-36-3	1,4-Difluorobenzene	252000	6.751			
3114-55-4	Chlorobenzene-d5	265000	10.037			
3855-82-1	1,4-Dichlorobenzene-d4	135000	12.006			

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\VX100625\
 Data File : VX048025.D
 Acq On : 06 Oct 2025 15:31
 Operator : JC/MD
 Sample : Q3202-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SY-2R

Quant Time: Oct 07 02:15:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

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

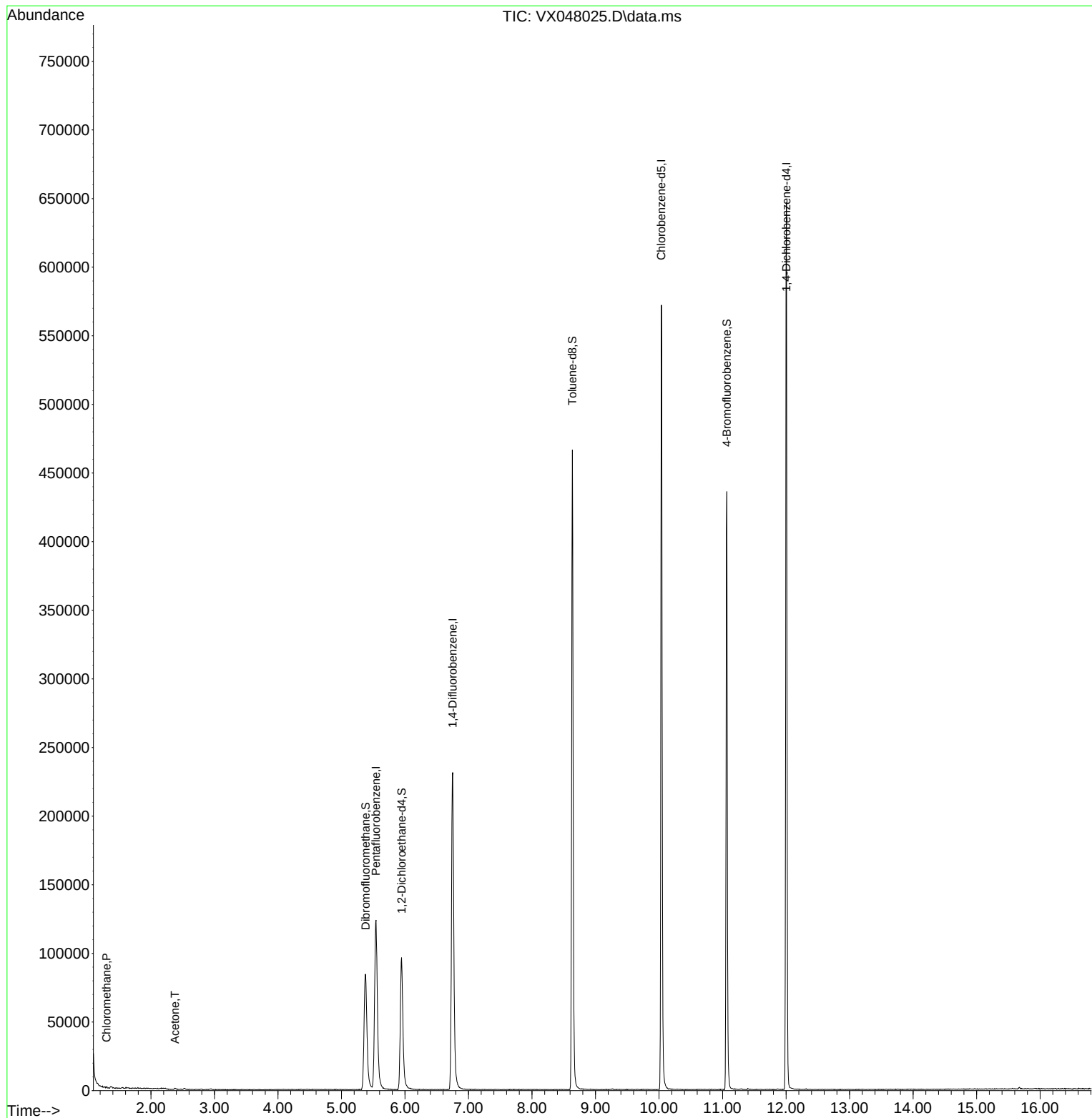
Internal Standards						
1) Pentafluorobenzene	5.544	168	122057	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	251704	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	264687	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	135085	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	103762	53.407	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 106.820%	
35) Dibromofluoromethane	5.379	113	84299	49.938	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.880%	
50) Toluene-d8	8.635	98	284869	48.770	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 97.540%	
62) 4-Bromofluorobenzene	11.067	95	126604	57.112	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 114.220%	
Target Compounds						
3) Chloromethane	1.301	50	826	0.497	ug/l	Qvalue 94
16) Acetone	2.380	43	1128	1.335	ug/l	# 86

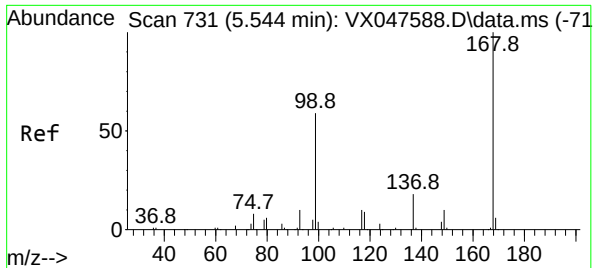
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100625\
Data File : VX048025.D
Acq On : 06 Oct 2025 15:31
Operator : JC/MD
Sample : Q3202-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SY-2R

Quant Time: Oct 07 02:15:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

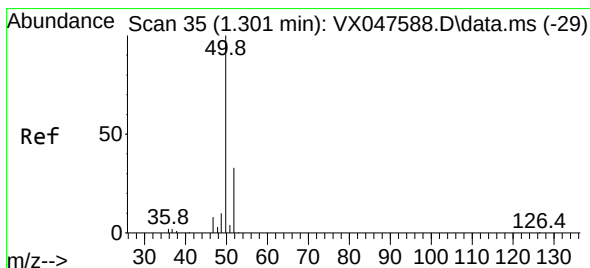
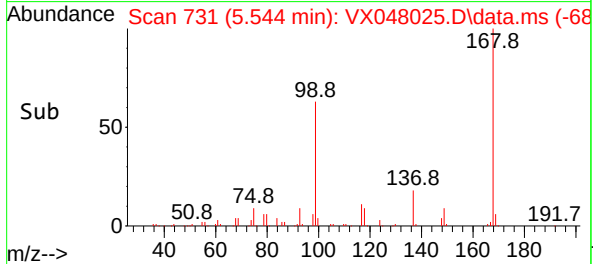
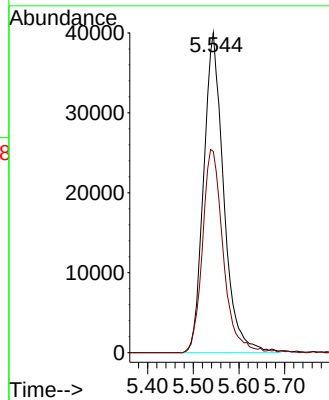
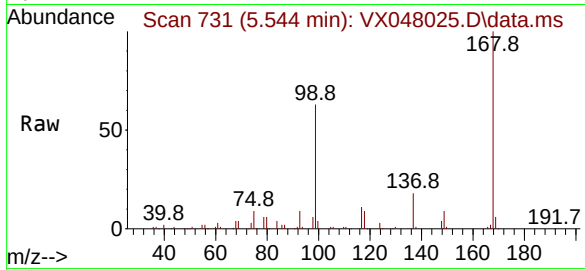




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048025.D
Acq: 06 Oct 2025 15:31

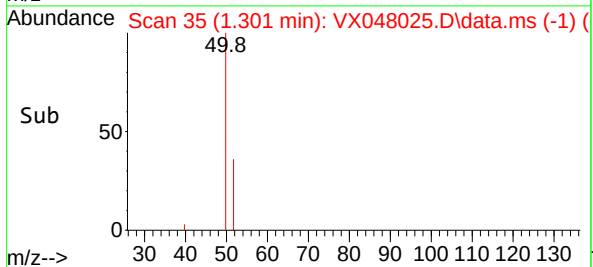
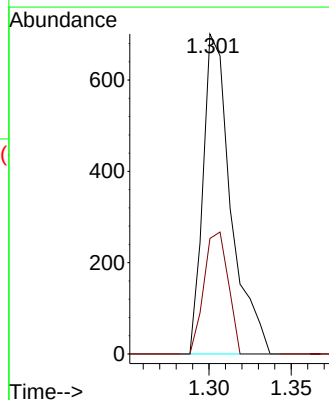
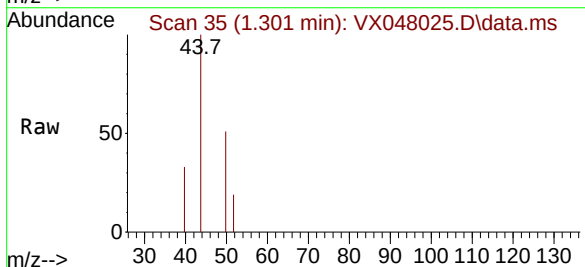
Instrument :
MSVOA_X
ClientSampleId :
SY-2R

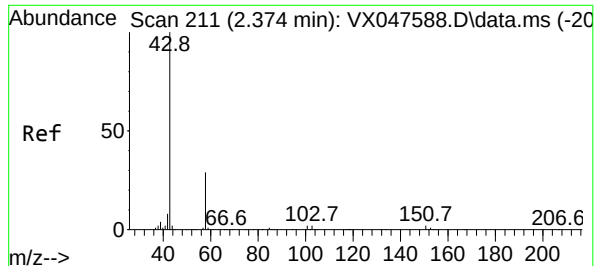
Tgt Ion:168 Resp: 122057
Ion Ratio Lower Upper
168 100
99 62.9 48.8 73.2



#3
Chloromethane
Concen: 0.497 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX048025.D
Acq: 06 Oct 2025 15:31

Tgt Ion: 50 Resp: 826
Ion Ratio Lower Upper
50 100
52 36.1 26.1 39.1

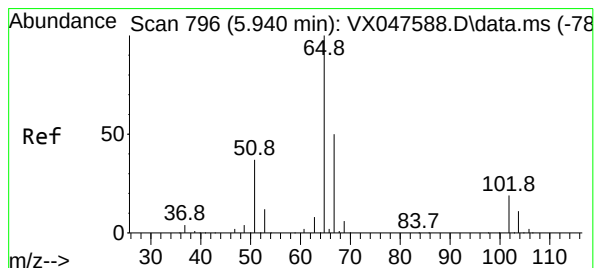
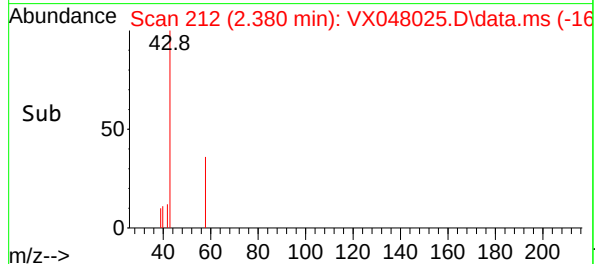
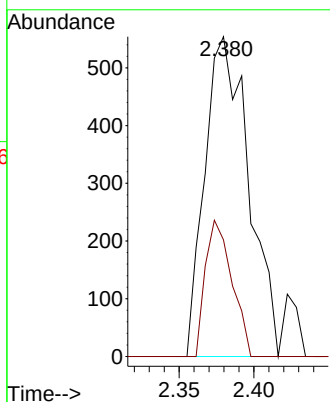
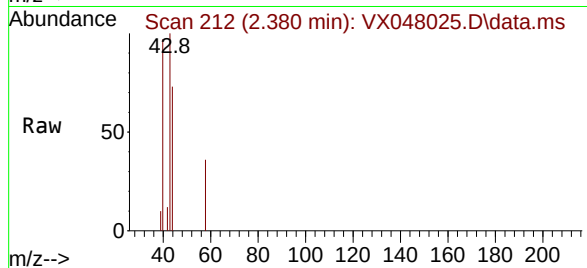




#16
Acetone
Concen: 1.335 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX048025.D
Acq: 06 Oct 2025 15:31

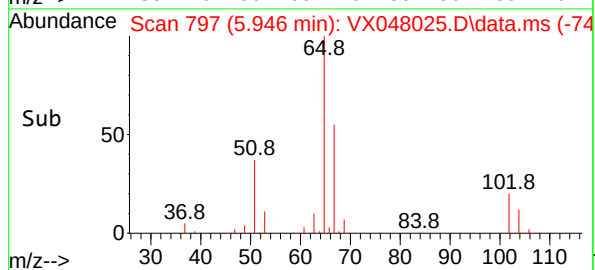
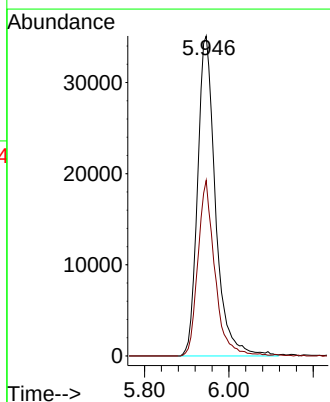
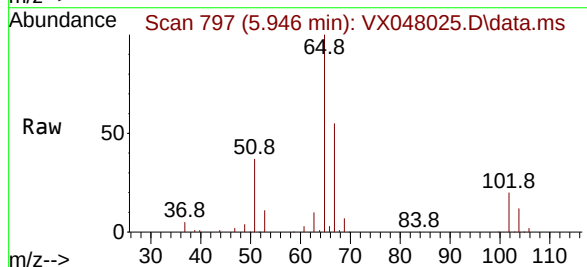
Instrument :
MSVOA_X
ClientSampleId :
SY-2R

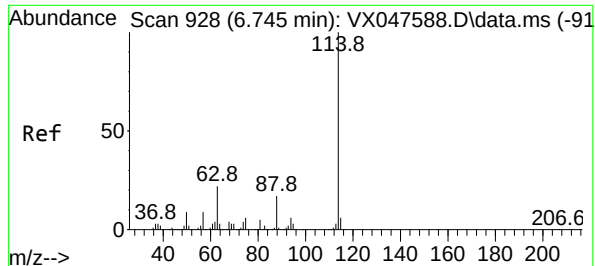
Tgt Ion: 43 Resp: 1128
Ion Ratio Lower Upper
43 100
58 36.5 23.4 35.0#



#33
1,2-Dichloroethane-d4
Concen: 53.407 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX048025.D
Acq: 06 Oct 2025 15:31

Tgt Ion: 65 Resp: 103762
Ion Ratio Lower Upper
65 100
67 52.0 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 91

Delta R.T. 0.006 min

Lab File: VX048025.D

Acq: 06 Oct 2025 15:31

Instrument :

MSVOA_X

ClientSampleId :

SY-2R

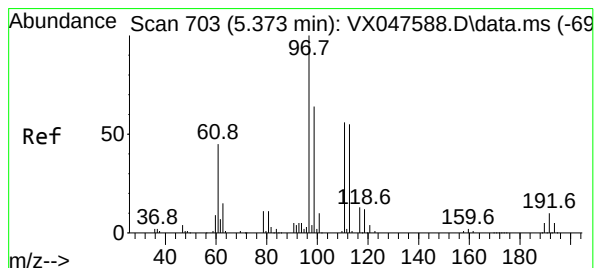
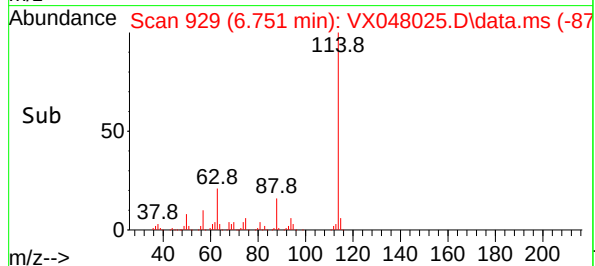
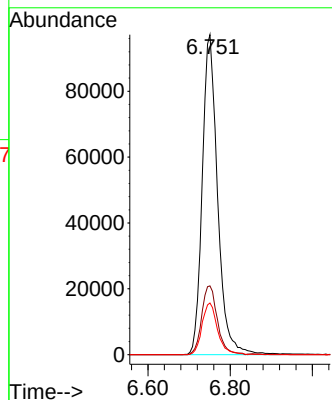
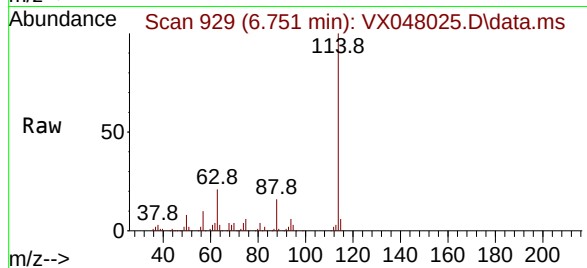
Tgt Ion:114 Resp: 251704

Ion Ratio Lower Upper

114 100

63 21.5 0.0 44.0

88 16.2 0.0 34.2



#35

Dibromofluoromethane

Concen: 49.938 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX048025.D

Acq: 06 Oct 2025 15:31

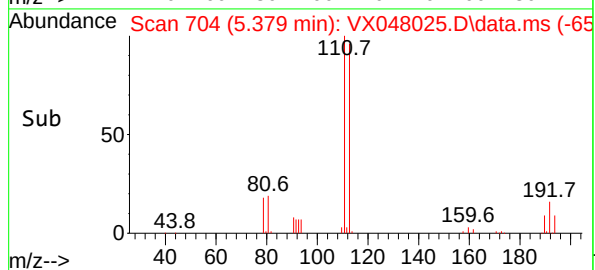
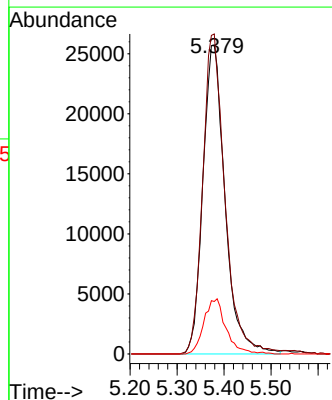
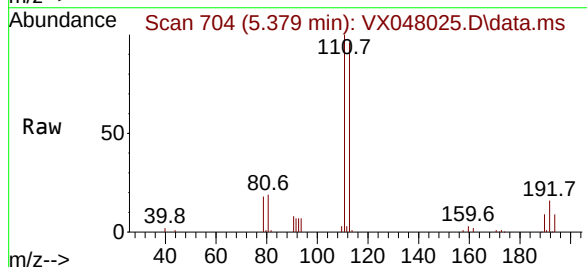
Tgt Ion:113 Resp: 84299

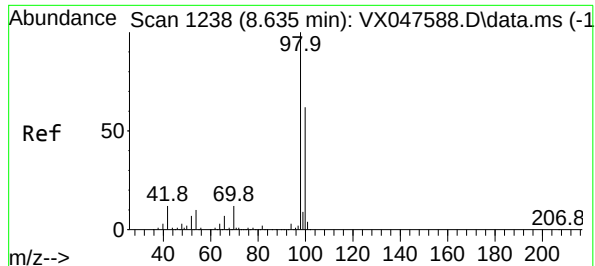
Ion Ratio Lower Upper

113 100

111 103.4 80.9 121.3

192 17.6 14.2 21.4





#50

Toluene-d8

Concen: 48.770 ug/l

RT: 8.635 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX048025.D

Acq: 06 Oct 2025 15:31

Instrument :

MSVOA_X

ClientSampleId :

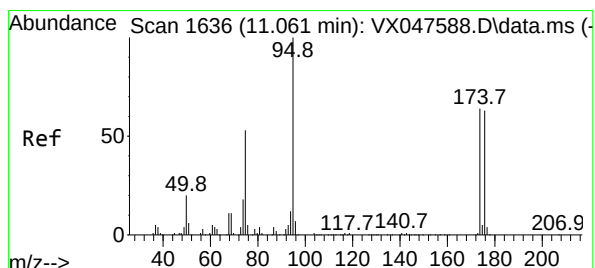
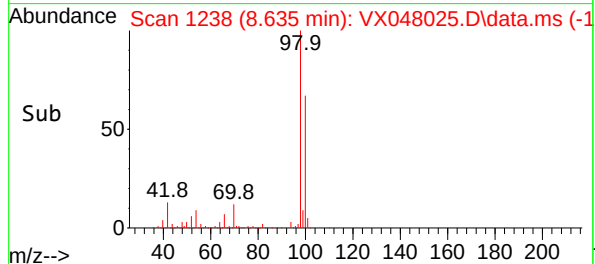
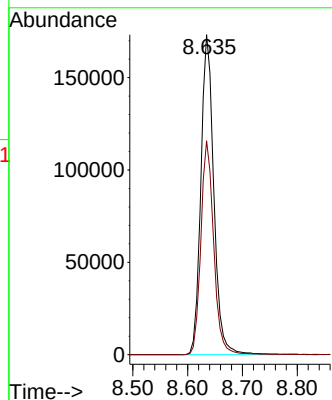
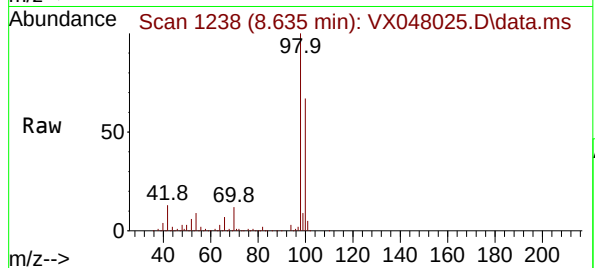
SY-2R

Tgt Ion: 98 Resp: 284869

Ion Ratio Lower Upper

98 100

100 66.2 53.0 79.4



#62

4-Bromofluorobenzene

Concen: 57.112 ug/l

RT: 11.067 min Scan# 1637

Delta R.T. 0.006 min

Lab File: VX048025.D

Acq: 06 Oct 2025 15:31

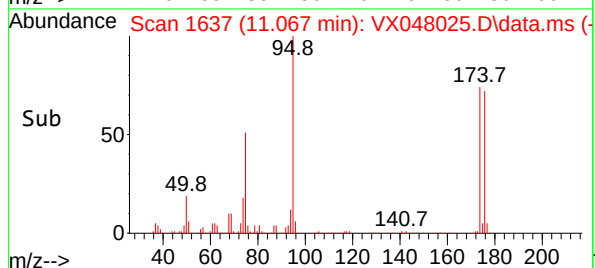
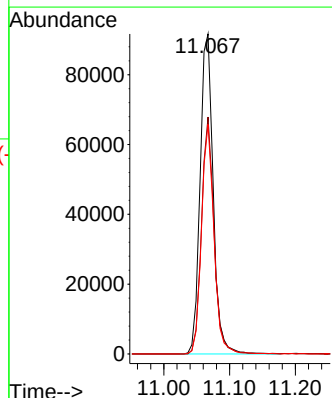
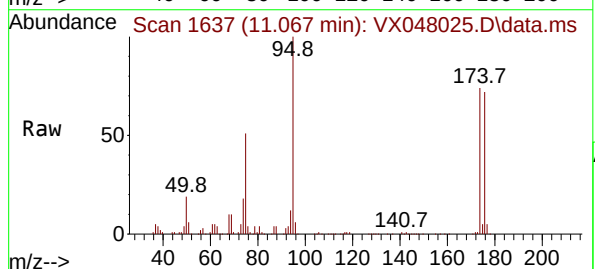
Tgt Ion: 95 Resp: 126604

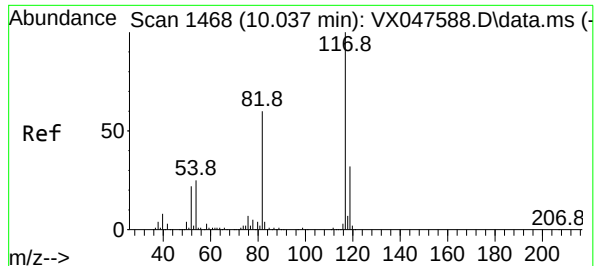
Ion Ratio Lower Upper

95 100

174 71.3 0.0 141.6

176 68.6 0.0 138.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.037 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VX048025.D

Acq: 06 Oct 2025 15:31

Instrument :

MSVOA_X

ClientSampleId :

SY-2R

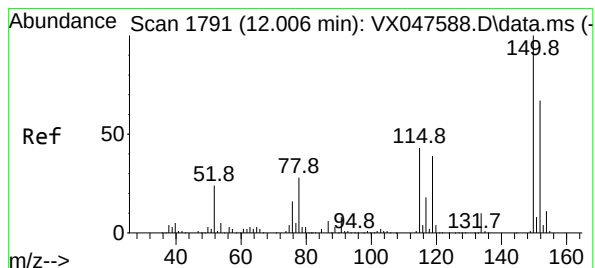
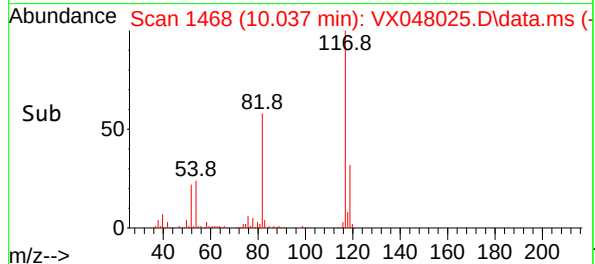
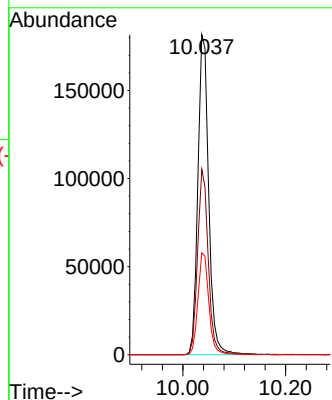
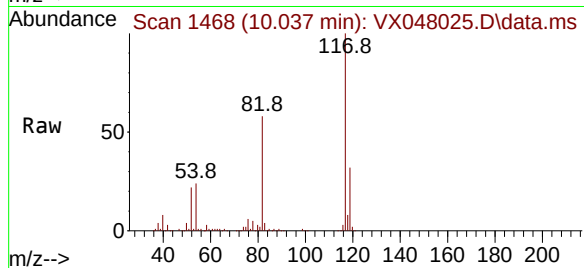
Tgt Ion:117 Resp: 264687

Ion Ratio Lower Upper

117 100

82 57.9 47.8 71.6

119 31.8 25.2 37.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX048025.D

Acq: 06 Oct 2025 15:31

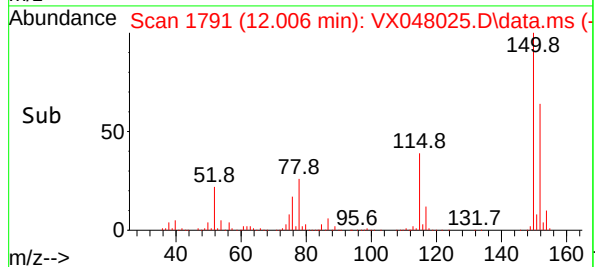
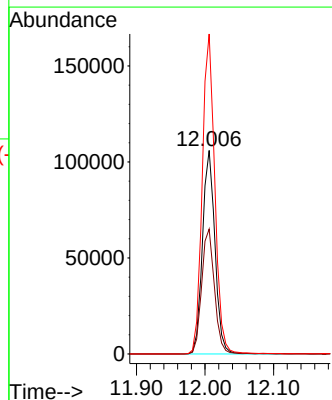
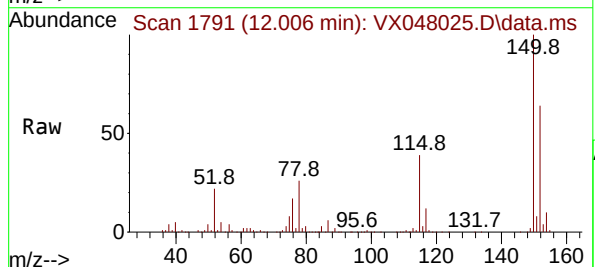
Tgt Ion:152 Resp: 135085

Ion Ratio Lower Upper

152 100

115 62.7 44.9 134.5

150 158.0 0.0 352.0



Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	09/23/25
Project:	Syosset Landfill 2025	Date Received:	09/24/25
Client Sample ID:	SY-2D	SDG No.:	Q3202
Lab Sample ID:	Q3202-05	Matrix:	Water
Analytical Method:	8260D	% 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:	Date Analyzed	Prep Batch ID
VX048026.D	1	10/06/25 15:51	VX100625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	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
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	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
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
108-05-4	Vinyl Acetate	0.66	U	0.66	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
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
71-43-2	Benzene	0.15	U	0.15	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
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
100-41-4	Ethyl Benzene	0.13	U	0.13	1.00	ug/L

Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	09/23/25
Project:	Syosset Landfill 2025	Date Received:	09/24/25
Client Sample ID:	SY-2D	SDG No.:	Q3202
Lab Sample ID:	Q3202-05	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX048026.D	1	10/06/25 15:51	VX100625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1330-20-7	Total Xylenes	0.36	U	0.36	3.00	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
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
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	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
74-88-4	Methyl Iodide	0.83	UQ	0.83	5.00	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.84	UQ	0.84	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	54.5		74 - 125	109%	SPK: 50
1868-53-7	Dibromofluoromethane	50.1		75 - 124	100%	SPK: 50
2037-26-5	Toluene-d8	49.6		86 - 113	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	56.7		77 - 121	113%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	132000	5.544			
540-36-3	1,4-Difluorobenzene	275000	6.751			
3114-55-4	Chlorobenzene-d5	286000	10.037			
3855-82-1	1,4-Dichlorobenzene-d4	145000	12.006			

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\VX100625\
 Data File : VX048026.D
 Acq On : 06 Oct 2025 15:51
 Operator : JC/MD
 Sample : Q3202-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SY-2D

Quant Time: Oct 07 02:16:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

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

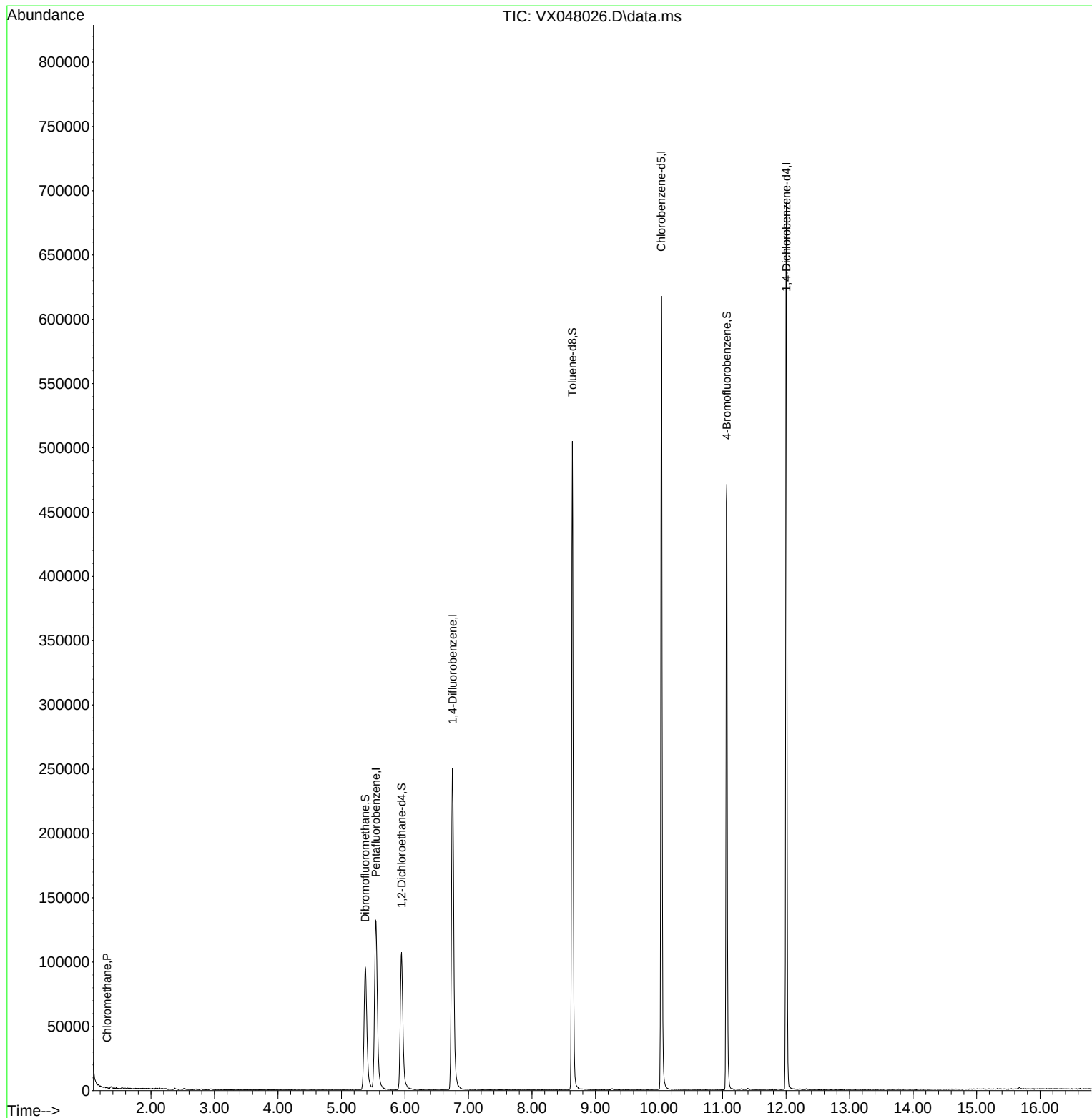
Internal Standards						
1) Pentafluorobenzene	5.544	168	132008	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	274950	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	286333	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	145340	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	114478	54.481	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 108.960%	
35) Dibromofluoromethane	5.373	113	92366	50.091	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.180%	
50) Toluene-d8	8.634	98	316591	49.619	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.240%	
62) 4-Bromofluorobenzene	11.067	95	137249	56.679	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 113.360%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.307	50	737	0.410	ug/l	# 69

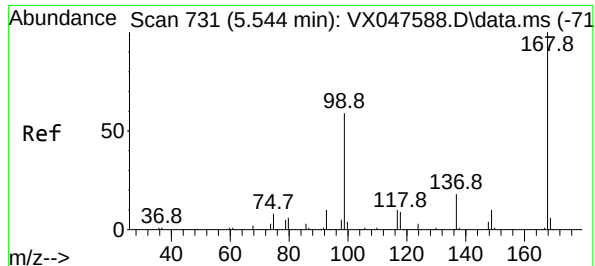
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100625\
Data File : VX048026.D
Acq On : 06 Oct 2025 15:51
Operator : JC/MD
Sample : Q3202-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SY-2D

Quant Time: Oct 07 02:16:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

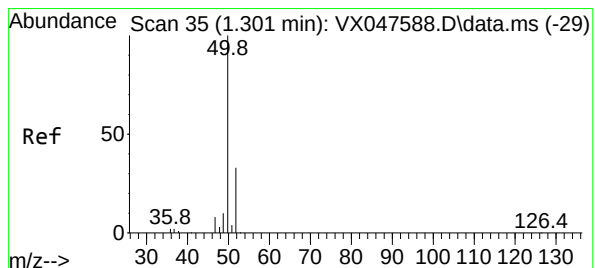
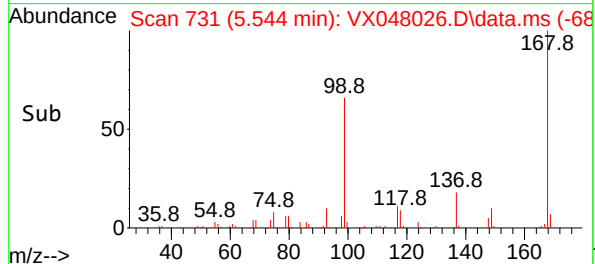
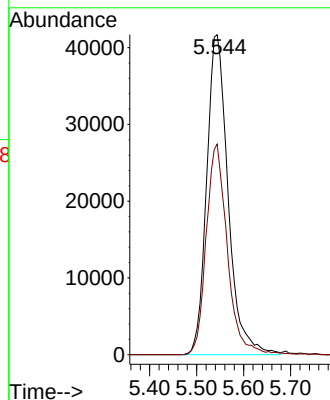
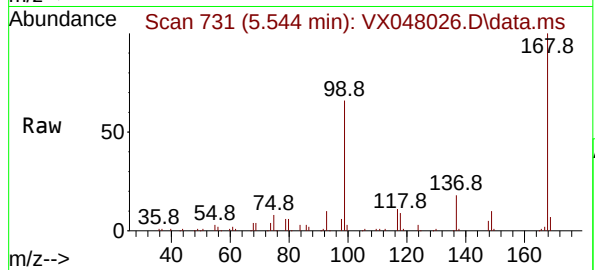




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048026.D
Acq: 06 Oct 2025 15:51

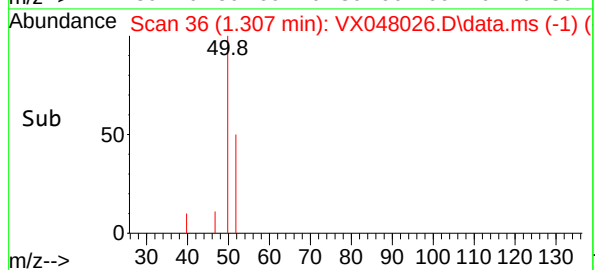
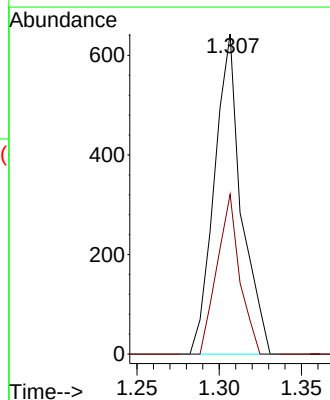
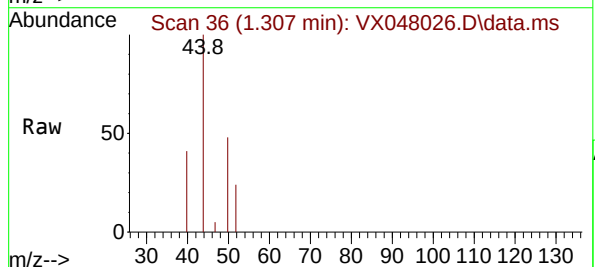
Instrument :
MSVOA_X
ClientSampleId :
SY-2D

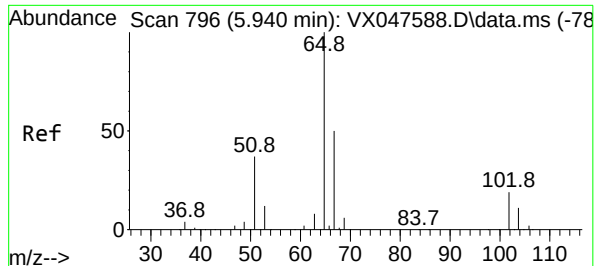
Tgt Ion:168 Resp: 132008
Ion Ratio Lower Upper
168 100
99 65.8 48.8 73.2



#3
Chloromethane
Concen: 0.410 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.006 min
Lab File: VX048026.D
Acq: 06 Oct 2025 15:51

Tgt Ion: 50 Resp: 737
Ion Ratio Lower Upper
50 100
52 49.9 26.1 39.1#





#33

1,2-Dichloroethane-d4

Concen: 54.481 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX048026.D

Acq: 06 Oct 2025 15:51

Instrument :

MSVOA_X

ClientSampleId :

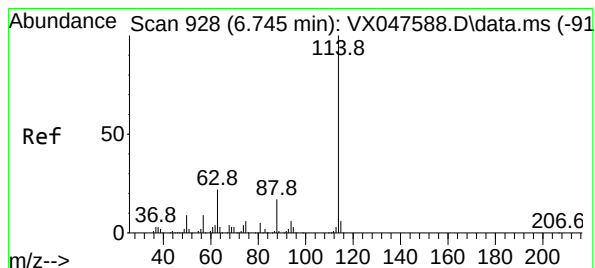
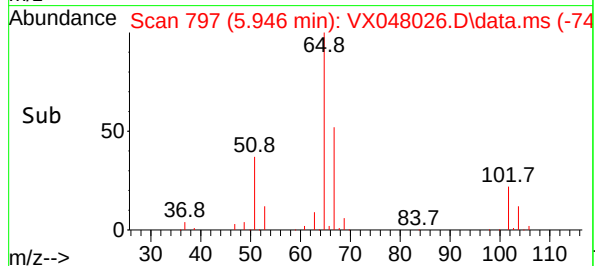
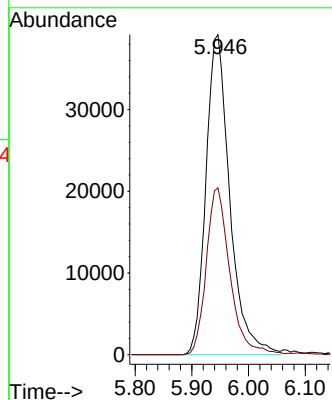
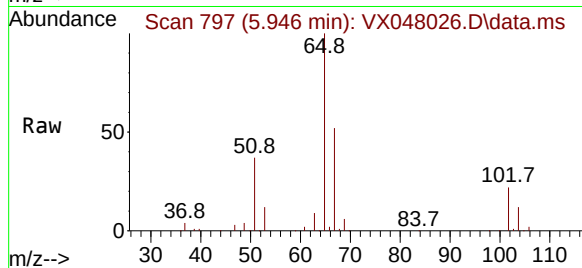
SY-2D

Tgt Ion: 65 Resp: 114478

Ion Ratio Lower Upper

65 100

67 51.7 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. 0.006 min

Lab File: VX048026.D

Acq: 06 Oct 2025 15:51

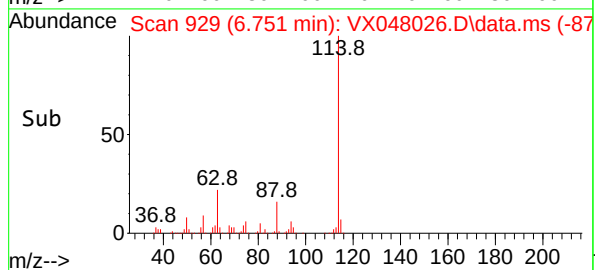
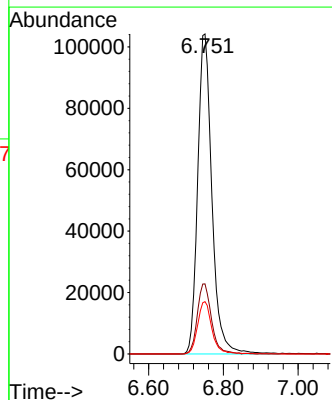
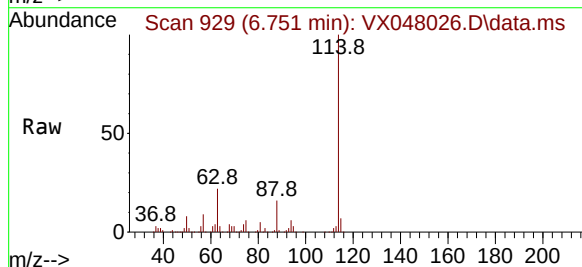
Tgt Ion: 114 Resp: 274950

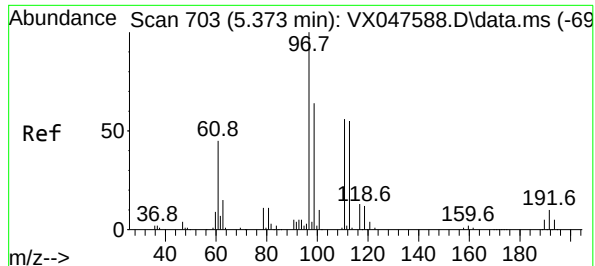
Ion Ratio Lower Upper

114 100

63 21.9 0.0 44.0

88 16.4 0.0 34.2





#35

Dibromofluoromethane

Concen: 50.091 ug/l

RT: 5.373 min Scan# 703

Delta R.T. -0.000 min

Lab File: VX048026.D

Acq: 06 Oct 2025 15:51

Instrument :

MSVOA_X

ClientSampleId :

SY-2D

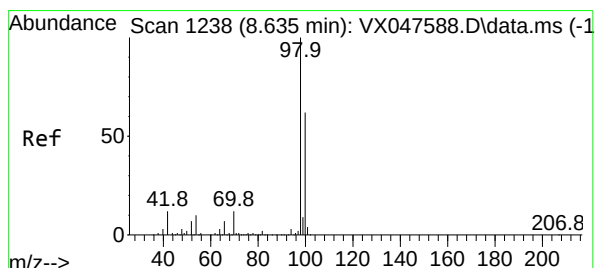
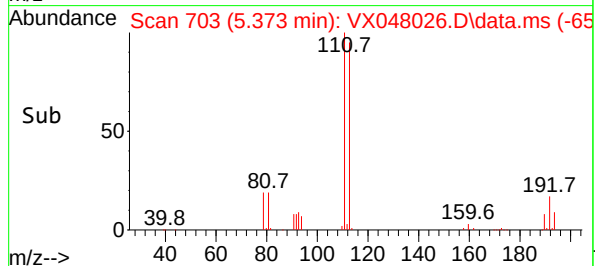
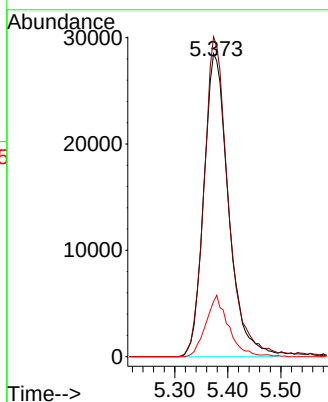
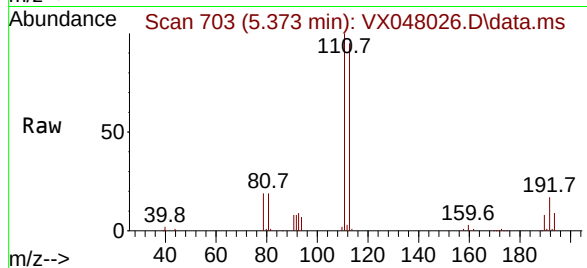
Tgt Ion:113 Resp: 92366

Ion Ratio Lower Upper

113 100

111 104.1 80.9 121.3

192 18.7 14.2 21.4



#50

Toluene-d8

Concen: 49.619 ug/l

RT: 8.634 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VX048026.D

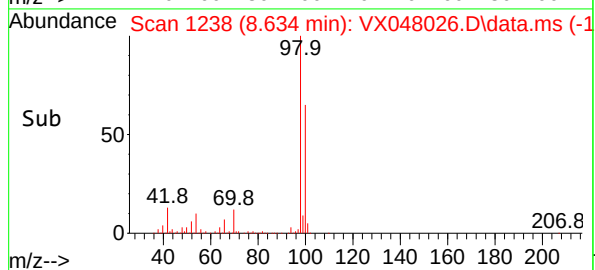
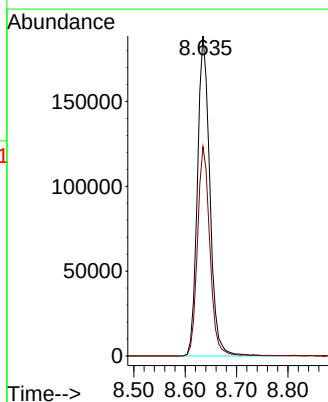
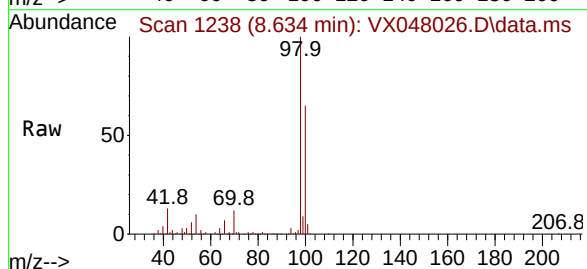
Acq: 06 Oct 2025 15:51

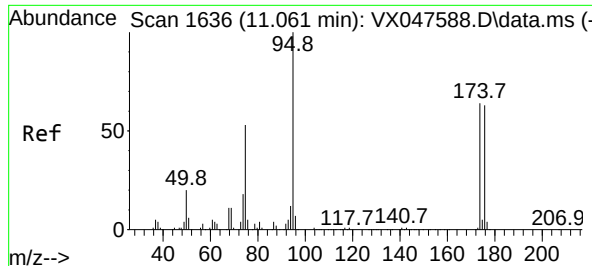
Tgt Ion: 98 Resp: 316591

Ion Ratio Lower Upper

98 100

100 65.3 53.0 79.4

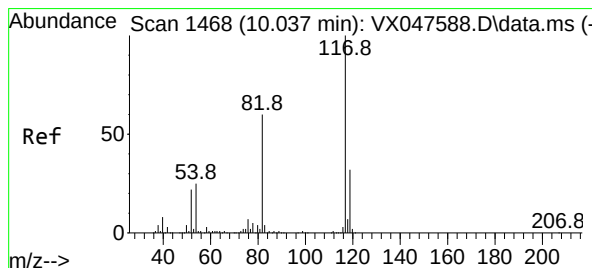
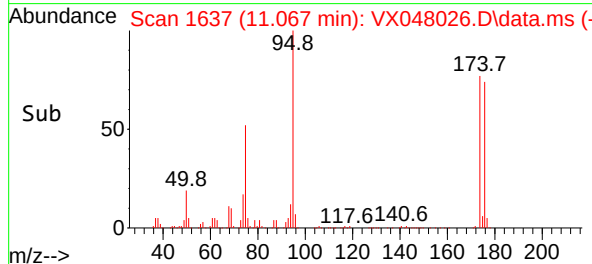
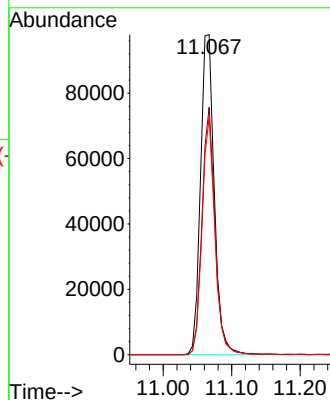
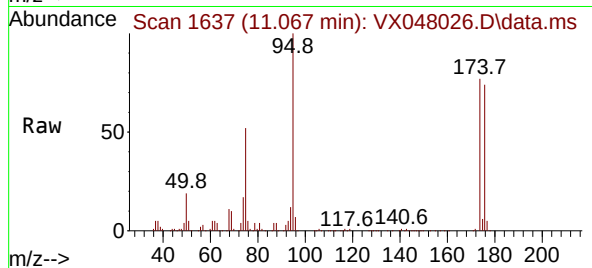




#62
4-Bromofluorobenzene
Concen: 56.679 ug/l
RT: 11.067 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX048026.D
Acq: 06 Oct 2025 15:51

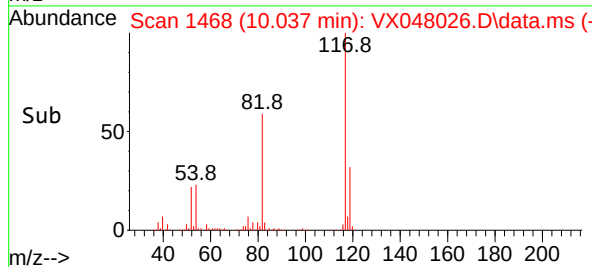
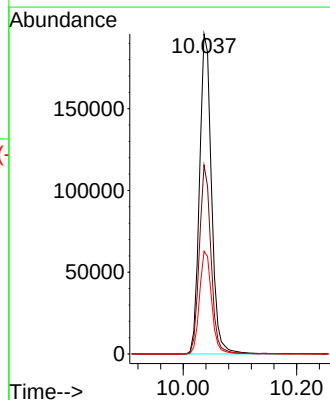
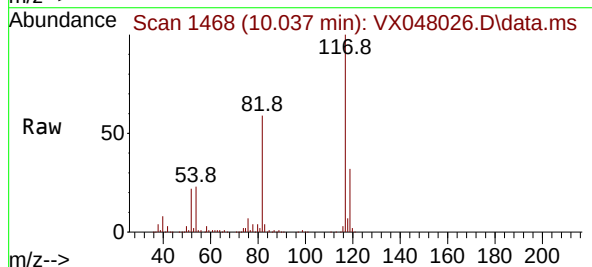
Instrument :
MSVOA_X
ClientSampleId :
SY-2D

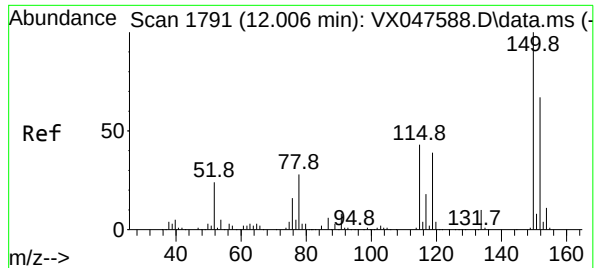
Tgt Ion: 95 Resp: 137249
Ion Ratio Lower Upper
95 100
174 73.1 0.0 141.6
176 69.4 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048026.D
Acq: 06 Oct 2025 15:51

Tgt Ion: 117 Resp: 286333
Ion Ratio Lower Upper
117 100
82 59.0 47.8 71.6
119 32.1 25.2 37.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX048026.D

Acq: 06 Oct 2025 15:51

Instrument :

MSVOA_X

ClientSampleId :

SY-2D

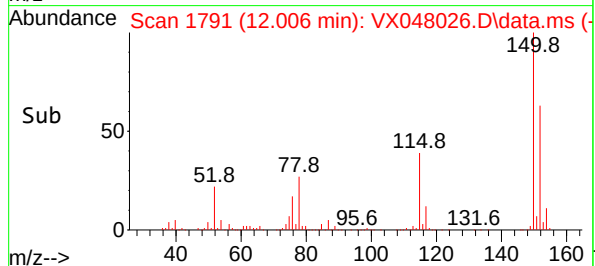
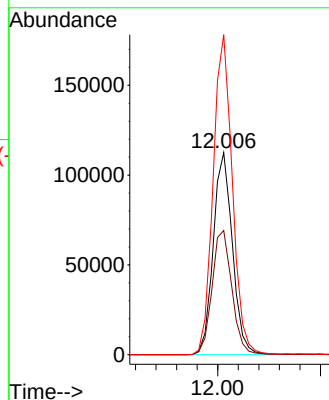
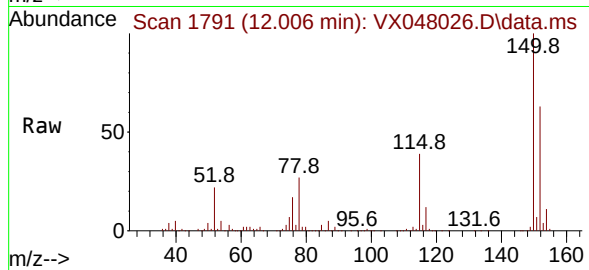
Tgt Ion:152 Resp: 145340

Ion Ratio Lower Upper

152 100

115 63.7 44.9 134.5

150 158.6 0.0 352.0



Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	09/23/25
Project:	Syosset Landfill 2025	Date Received:	09/24/25
Client Sample ID:	SY-5	SDG No.:	Q3202
Lab Sample ID:	Q3202-07	Matrix:	Water
Analytical Method:	8260D	% 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:	Date Analyzed	Prep Batch ID
VX048027.D	1	10/06/25 16:12	VX100625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	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
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
107-13-1	Acrylonitrile	0.83	U	0.83	5.00	ug/L
67-64-1	Acetone	1.50	J	1.50	5.00	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	1.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
108-05-4	Vinyl Acetate	0.66	U	0.66	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
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
71-43-2	Benzene	0.15	U	0.15	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
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
100-41-4	Ethyl Benzene	0.13	U	0.13	1.00	ug/L

Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	09/23/25
Project:	Syosset Landfill 2025	Date Received:	09/24/25
Client Sample ID:	SY-5	SDG No.:	Q3202
Lab Sample ID:	Q3202-07	Matrix:	Water
Analytical Method:	8260D	% 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:	Date Analyzed	Prep Batch ID
VX048027.D	1	10/06/25 16:12	VX100625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1330-20-7	Total Xylenes	0.36	U	0.36	3.00	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
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
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	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
74-88-4	Methyl Iodide	0.83	UQ	0.83	5.00	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.84	UQ	0.84	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.8		74 - 125	106%	SPK: 50
1868-53-7	Dibromofluoromethane	49.7		75 - 124	99%	SPK: 50
2037-26-5	Toluene-d8	47.8		86 - 113	96%	SPK: 50
460-00-4	4-Bromofluorobenzene	56.0		77 - 121	112%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	120000	5.538			
540-36-3	1,4-Difluorobenzene	246000	6.751			
3114-55-4	Chlorobenzene-d5	257000	10.037			
3855-82-1	1,4-Dichlorobenzene-d4	132000	12.006			

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\VX100625\
 Data File : VX048027.D
 Acq On : 06 Oct 2025 16:12
 Operator : JC/MD
 Sample : Q3202-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SY-5

Quant Time: Oct 07 02:17:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

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

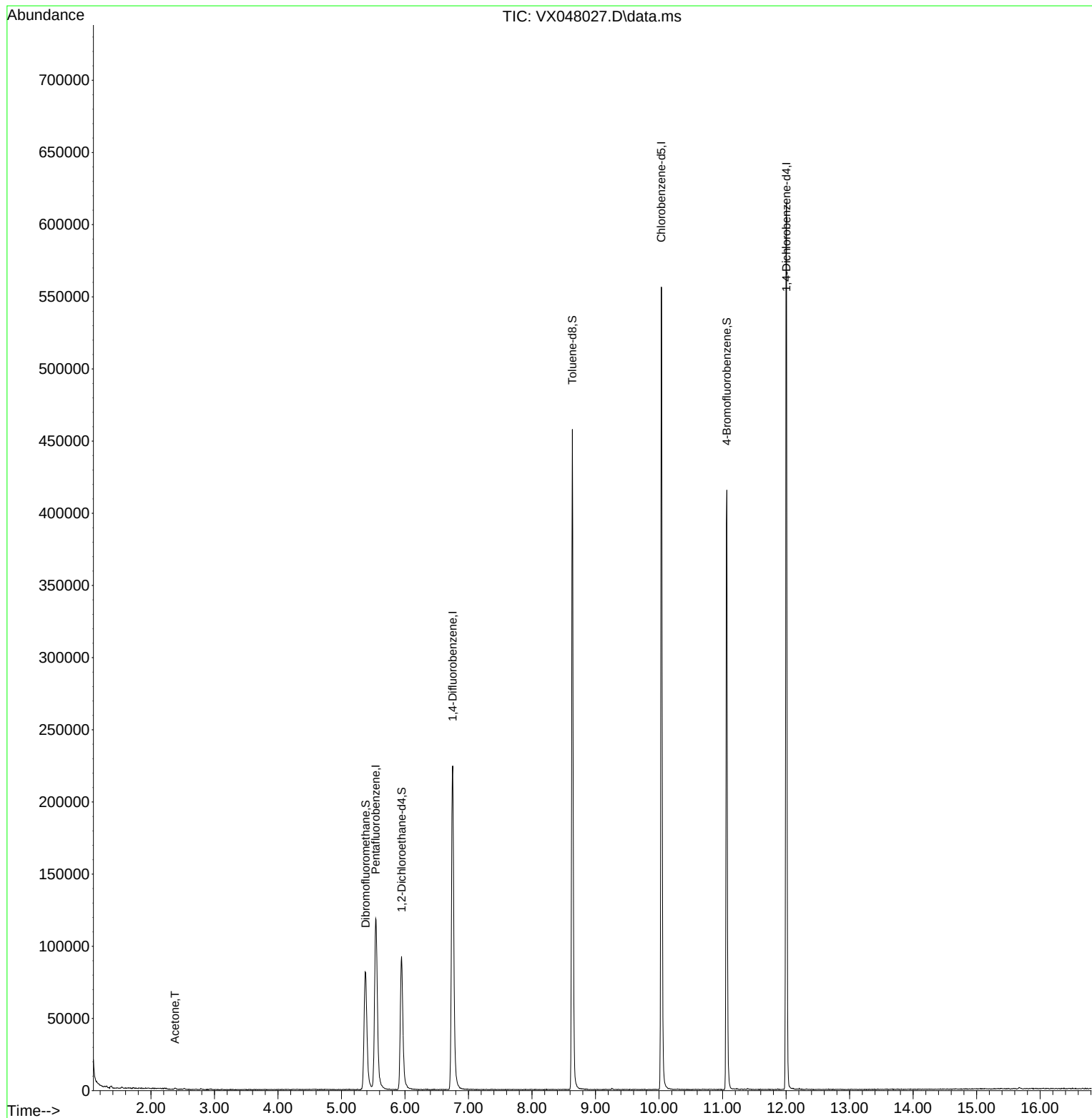
Internal Standards						
1) Pentafluorobenzene	5.538	168	119710	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	246037	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	256820	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	131834	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	100626	52.809	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	105.620%
35) Dibromofluoromethane	5.379	113	82014	49.704	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.400%
50) Toluene-d8	8.635	98	272664	47.756	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.520%
62) 4-Bromofluorobenzene	11.067	95	121370	56.012	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	112.020%
Target Compounds						
16) Acetone	2.380	43	1213	1.464	ug/l	Qvalue 96

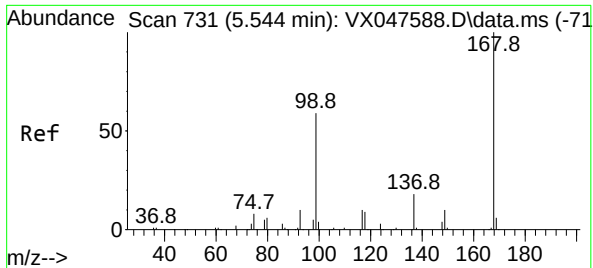
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100625\
Data File : VX048027.D
Acq On : 06 Oct 2025 16:12
Operator : JC/MD
Sample : Q3202-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SY-5

Quant Time: Oct 07 02:17:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

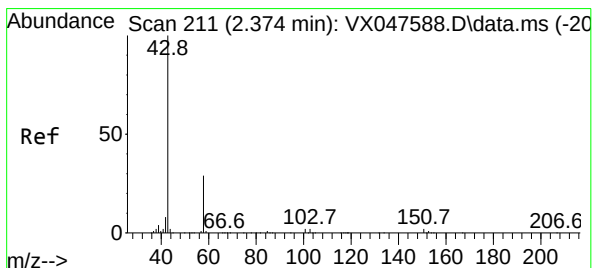
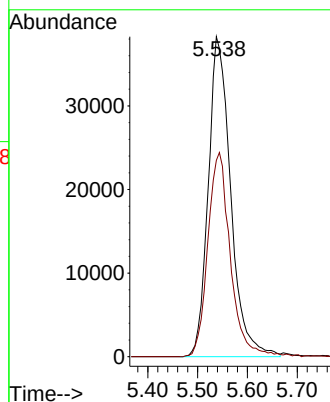
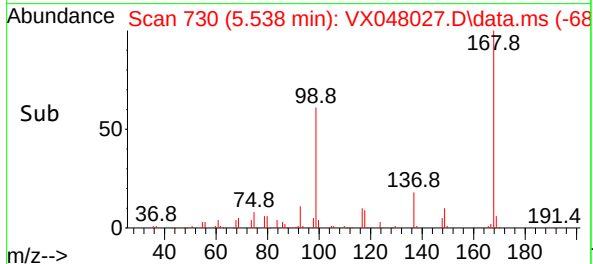
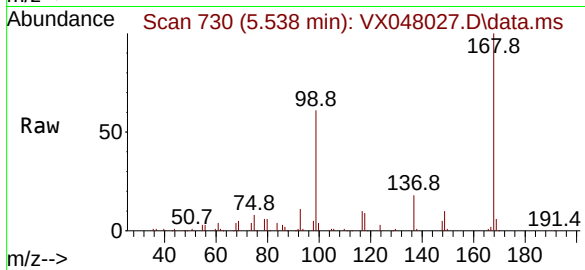




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX048027.D
Acq: 06 Oct 2025 16:12

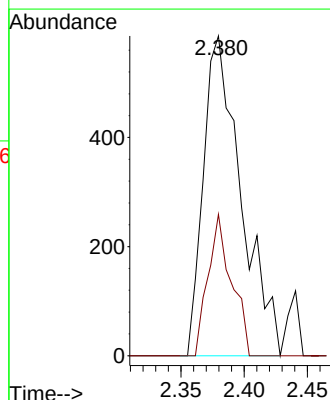
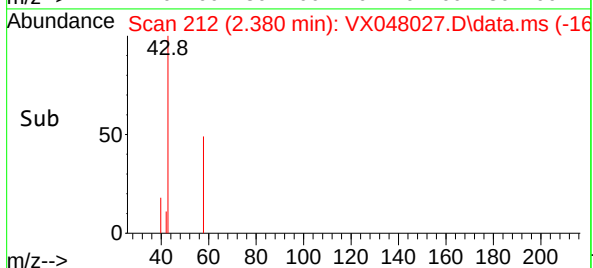
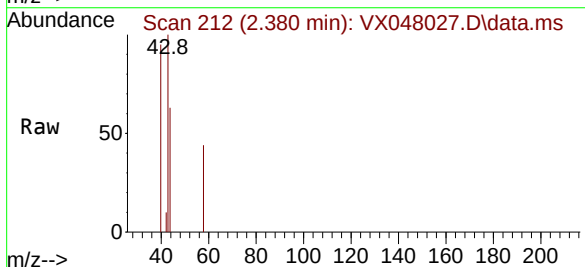
Instrument :
MSVOA_X
ClientSampleId :
SY-5

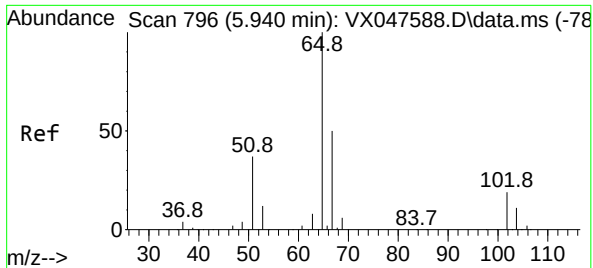
Tgt Ion:168 Resp: 119710
Ion Ratio Lower Upper
168 100
99 61.4 48.8 73.2



#16
Acetone
Concen: 1.464 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048027.D
Acq: 06 Oct 2025 16:12

Tgt Ion: 43 Resp: 1213
Ion Ratio Lower Upper
43 100
58 27.1 23.4 35.0





#33

1,2-Dichloroethane-d4

Concen: 52.809 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX048027.D

Acq: 06 Oct 2025 16:12

Instrument :

MSVOA_X

ClientSampleId :

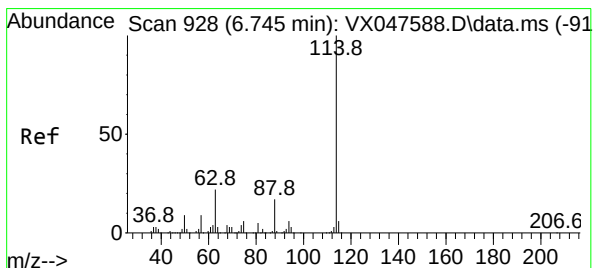
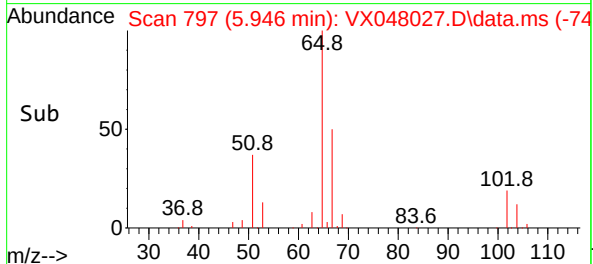
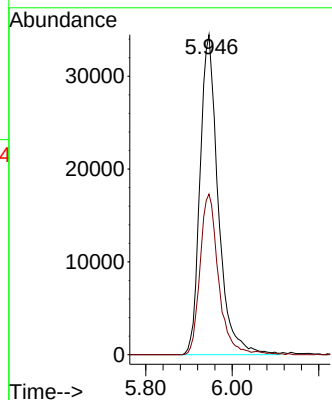
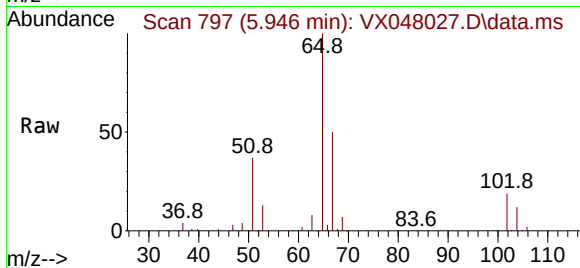
SY-5

Tgt Ion: 65 Resp: 100626

Ion Ratio Lower Upper

65 100

67 50.3 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. 0.006 min

Lab File: VX048027.D

Acq: 06 Oct 2025 16:12

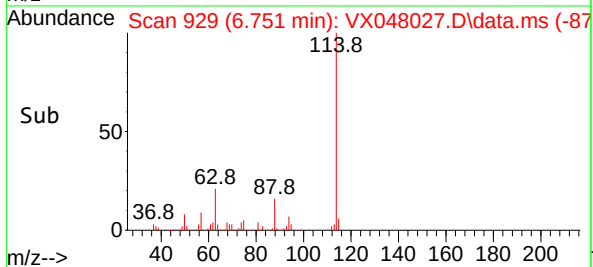
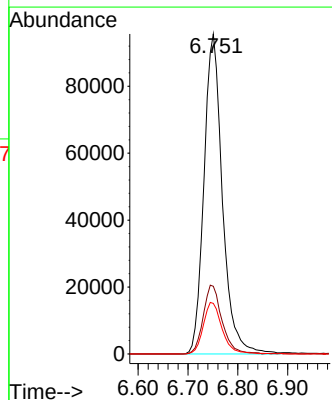
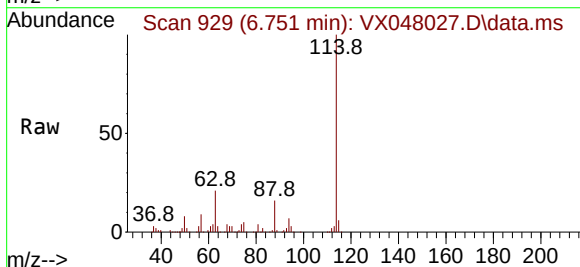
Tgt Ion: 114 Resp: 246037

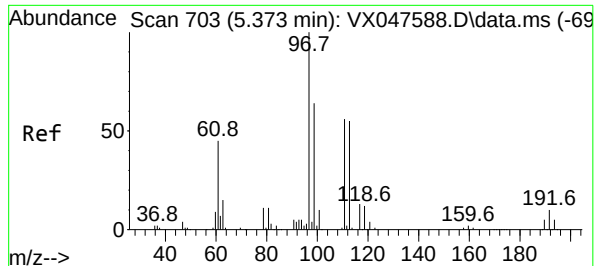
Ion Ratio Lower Upper

114 100

63 21.2 0.0 44.0

88 15.8 0.0 34.2





#35

Dibromofluoromethane

Concen: 49.704 ug/l

RT: 5.379 min Scan# 703

Delta R.T. 0.006 min

Lab File: VX048027.D

Acq: 06 Oct 2025 16:12

Instrument :

MSVOA_X

ClientSampleId :

SY-5

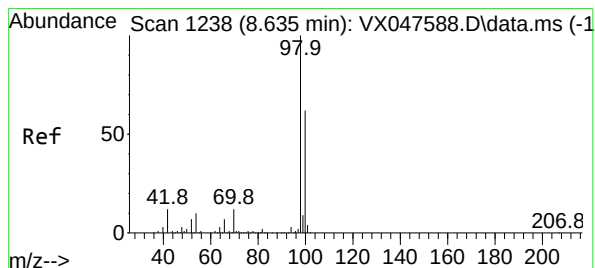
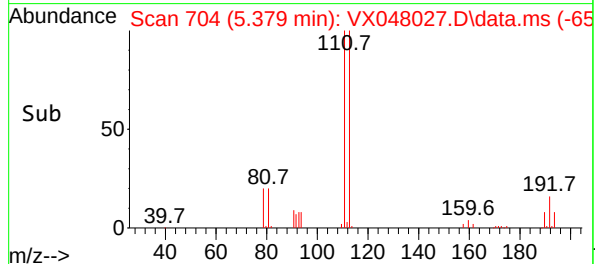
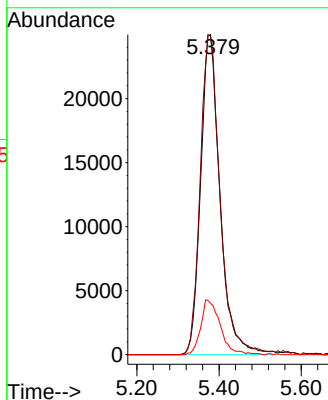
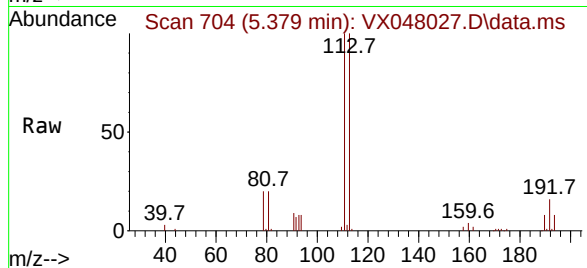
Tgt Ion:113 Resp: 82014

Ion Ratio Lower Upper

113 100

111 101.9 80.9 121.3

192 17.2 14.2 21.4



#50

Toluene-d8

Concen: 47.756 ug/l

RT: 8.635 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VX048027.D

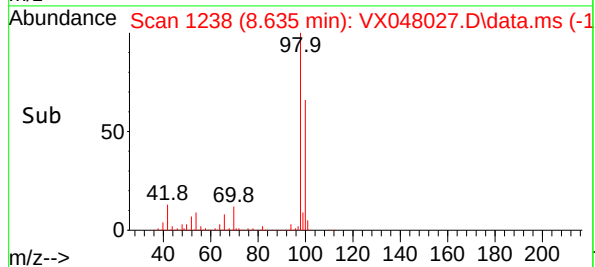
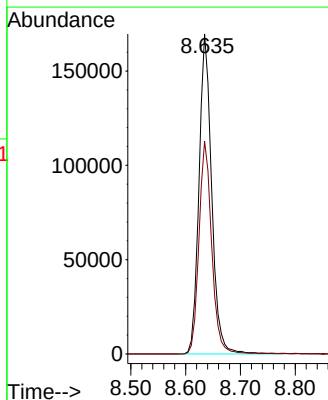
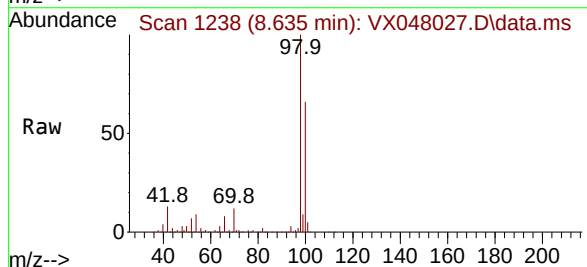
Acq: 06 Oct 2025 16:12

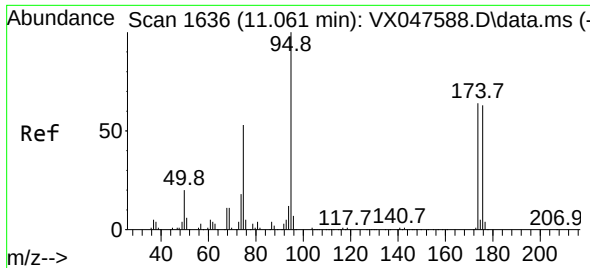
Tgt Ion: 98 Resp: 272664

Ion Ratio Lower Upper

98 100

100 66.7 53.0 79.4

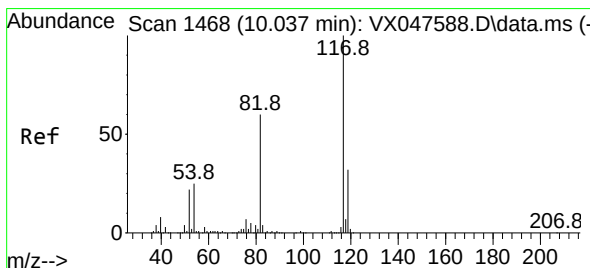
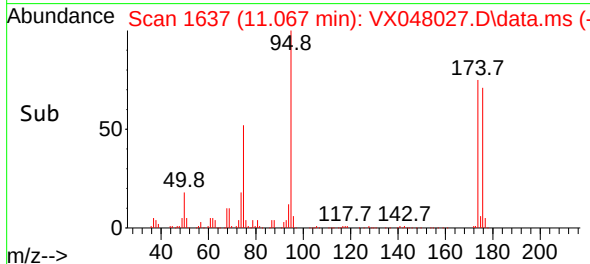
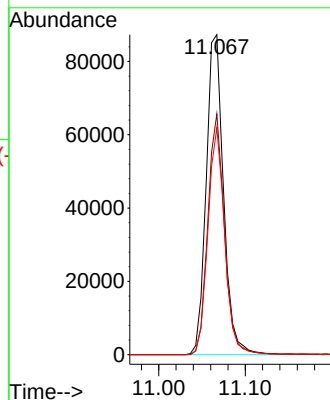
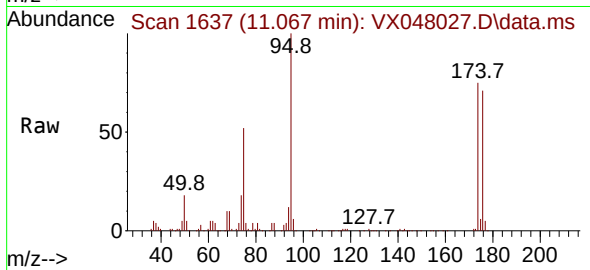




#62
4-Bromofluorobenzene
Concen: 56.012 ug/l
RT: 11.067 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048027.D
Acq: 06 Oct 2025 16:12

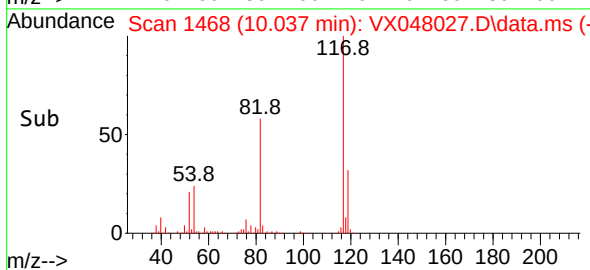
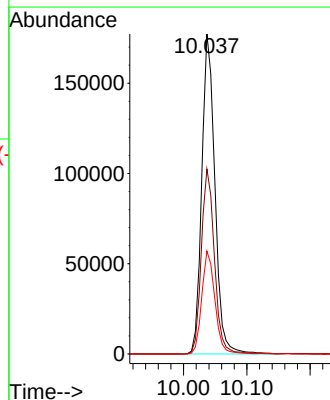
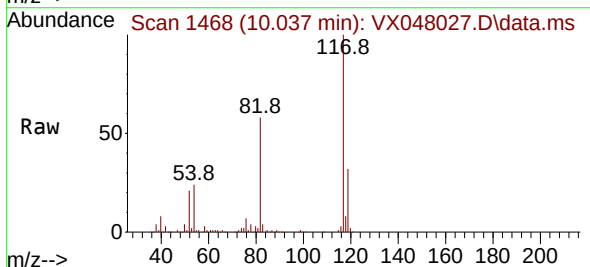
Instrument :
MSVOA_X
ClientSampleId :
SY-5

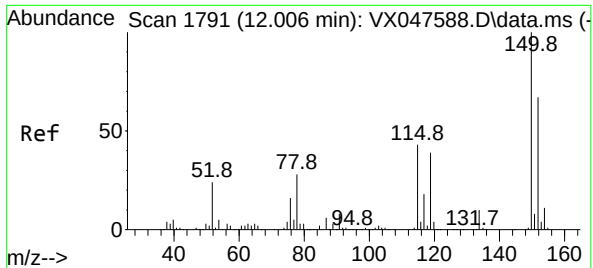
Tgt Ion: 95 Resp: 121370
Ion Ratio Lower Upper
95 100
174 72.3 0.0 141.6
176 68.8 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048027.D
Acq: 06 Oct 2025 16:12

Tgt Ion: 117 Resp: 256820
Ion Ratio Lower Upper
117 100
82 57.8 47.8 71.6
119 32.2 25.2 37.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX048027.D

Acq: 06 Oct 2025 16:12

Instrument :

MSVOA_X

ClientSampleId :

SY-5

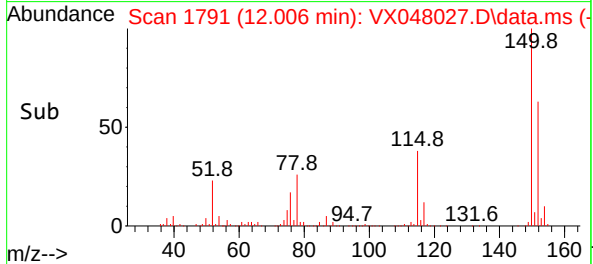
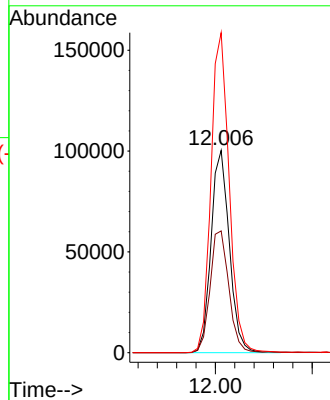
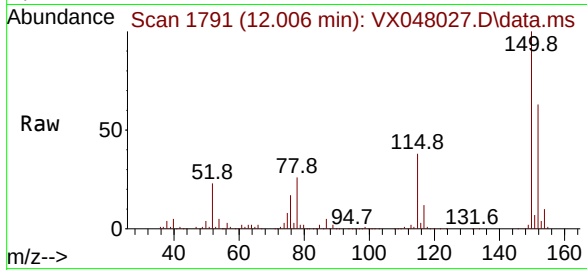
Tgt Ion:152 Resp: 131834

Ion Ratio Lower Upper

152 100

115 62.2 44.9 134.5

150 157.6 0.0 352.0



Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	09/23/25
Project:	Syosset Landfill 2025	Date Received:	09/24/25
Client Sample ID:	SY-3DD	SDG No.:	Q3202
Lab Sample ID:	Q3202-09	Matrix:	Water
Analytical Method:	8260D	% 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:	Date Analyzed	Prep Batch ID
VX048028.D	1	10/06/25 16:33	VX100625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	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
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	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
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
108-05-4	Vinyl Acetate	0.66	U	0.66	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
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
71-43-2	Benzene	0.15	U	0.15	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
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
100-41-4	Ethyl Benzene	0.13	U	0.13	1.00	ug/L

Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	09/23/25
Project:	Syosset Landfill 2025	Date Received:	09/24/25
Client Sample ID:	SY-3DD	SDG No.:	Q3202
Lab Sample ID:	Q3202-09	Matrix:	Water
Analytical Method:	8260D	% 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:	Date Analyzed	Prep Batch ID
VX048028.D	1	10/06/25 16:33	VX100625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1330-20-7	Total Xylenes	0.36	U	0.36	3.00	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
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
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	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
74-88-4	Methyl Iodide	0.83	UQ	0.83	5.00	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.84	UQ	0.84	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	54.0		74 - 125	108%	SPK: 50
1868-53-7	Dibromofluoromethane	51.1		75 - 124	102%	SPK: 50
2037-26-5	Toluene-d8	49.9		86 - 113	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	56.9		77 - 121	114%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	131000	5.544			
540-36-3	1,4-Difluorobenzene	266000	6.751			
3114-55-4	Chlorobenzene-d5	280000	10.037			
3855-82-1	1,4-Dichlorobenzene-d4	141000	12.006			

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\VX100625\
 Data File : VX048028.D
 Acq On : 06 Oct 2025 16:33
 Operator : JC/MD
 Sample : Q3202-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SY-3DD

Quant Time: Oct 07 02:18:50 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	131013	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	265963	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	280445	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	140531	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	112558	53.974	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	107.940%
35) Dibromofluoromethane	5.373	113	91204	51.132	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.260%
50) Toluene-d8	8.635	98	308031	49.908	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.820%
62) 4-Bromofluorobenzene	11.067	95	133269	56.895	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	113.800%

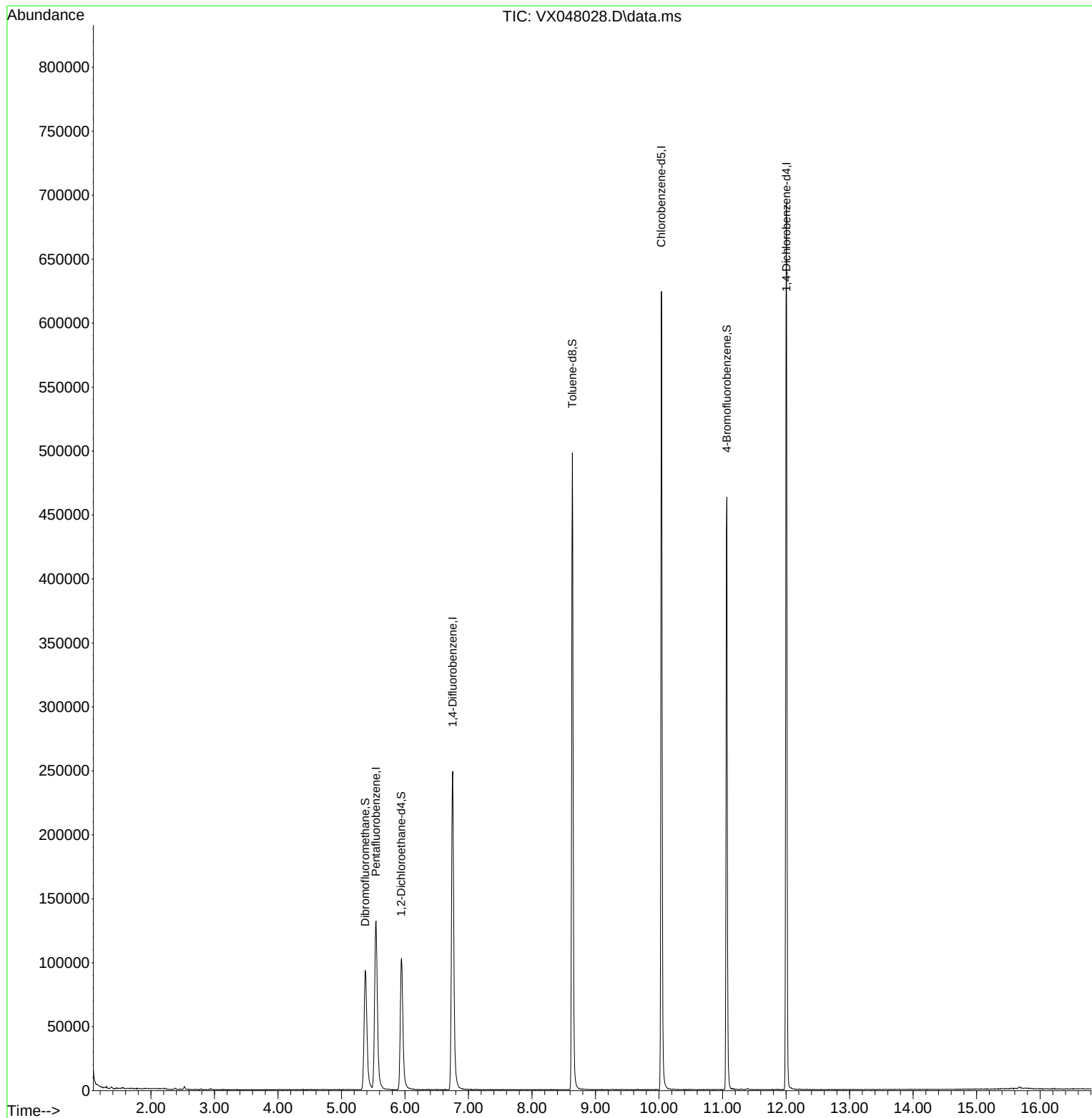
Target Compounds	Qvalue

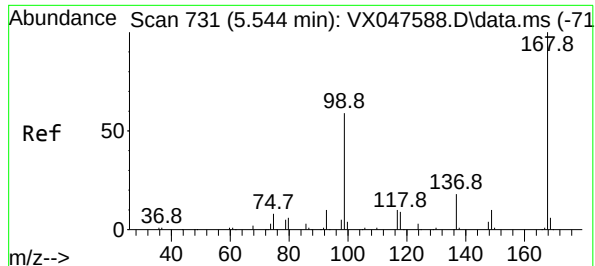
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100625\
Data File : VX048028.D
Acq On : 06 Oct 2025 16:33
Operator : JC/MD
Sample : Q3202-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SY-3DD

Quant Time: Oct 07 02:18:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

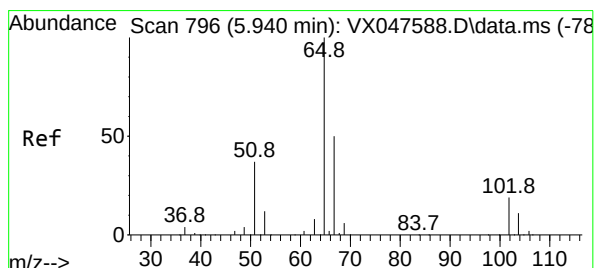
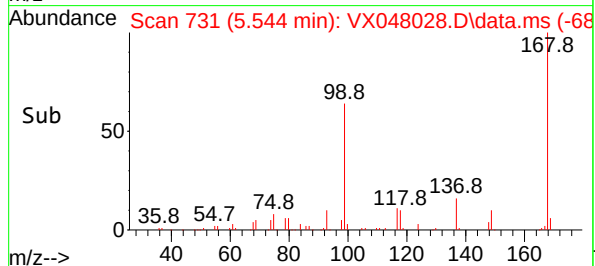
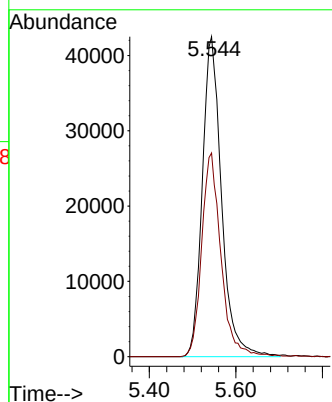
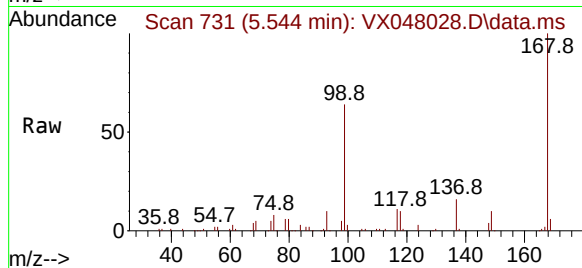




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX048028.D
Acq: 06 Oct 2025 16:33

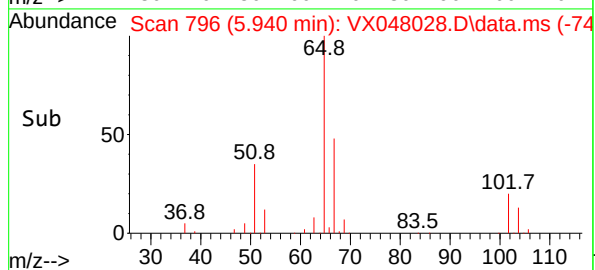
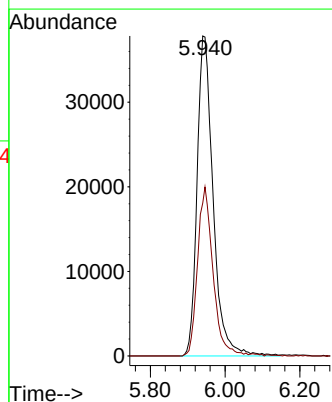
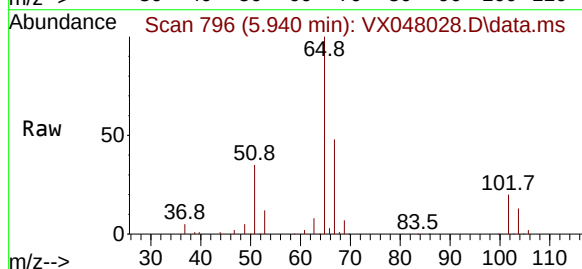
Instrument :
MSVOA_X
ClientSampleId :
SY-3DD

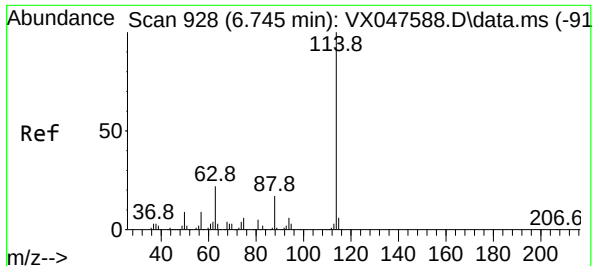
Tgt Ion:168 Resp: 131013
Ion Ratio Lower Upper
168 100
99 63.6 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 53.974 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048028.D
Acq: 06 Oct 2025 16:33

Tgt Ion: 65 Resp: 112558
Ion Ratio Lower Upper
65 100
67 50.9 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 91

Delta R.T. 0.006 min

Lab File: VX048028.D

Acq: 06 Oct 2025 16:33

Instrument :

MSVOA_X

ClientSampleId :

SY-3DD

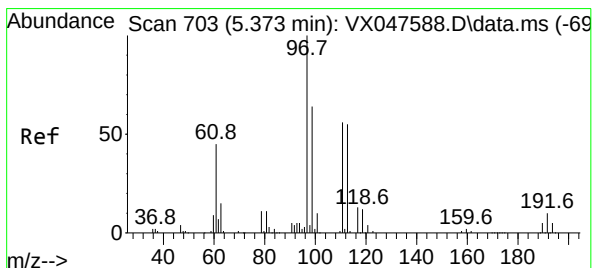
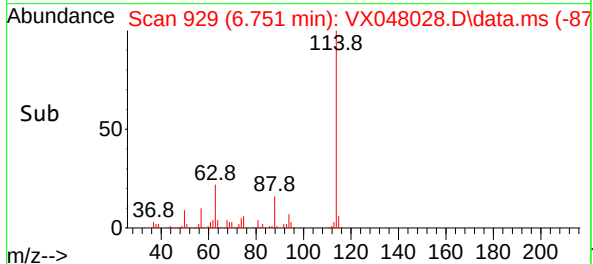
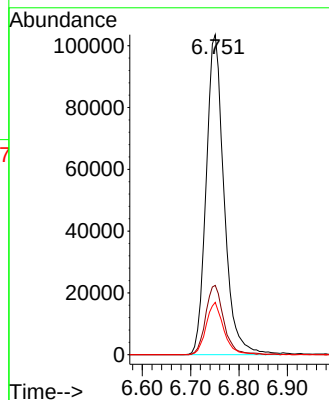
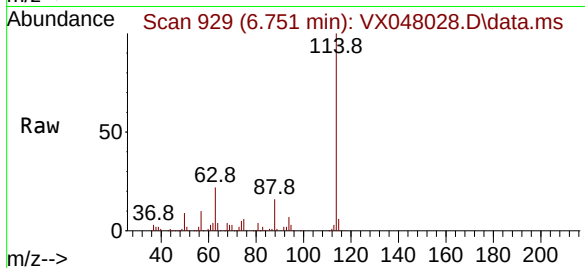
Tgt Ion:114 Resp: 265963

Ion Ratio Lower Upper

114 100

63 21.7 0.0 44.0

88 16.3 0.0 34.2



#35

Dibromofluoromethane

Concen: 51.132 ug/l

RT: 5.373 min Scan# 703

Delta R.T. -0.000 min

Lab File: VX048028.D

Acq: 06 Oct 2025 16:33

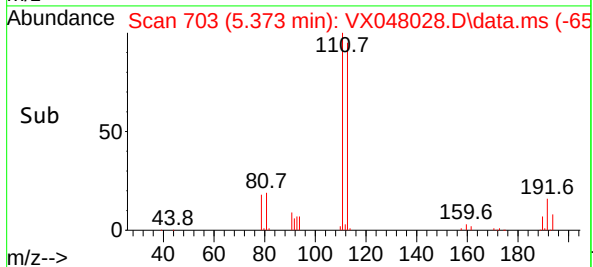
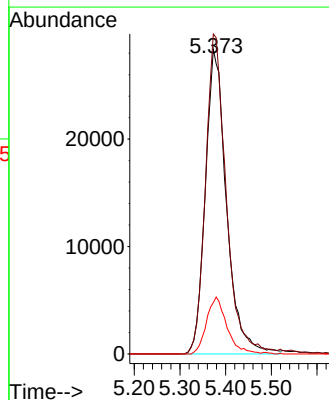
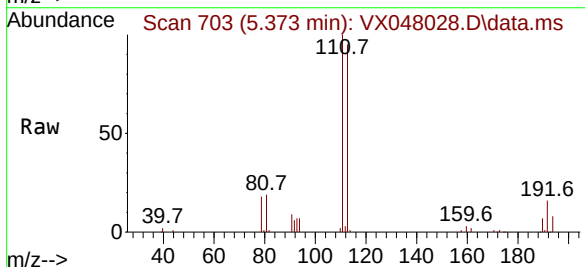
Tgt Ion:113 Resp: 91204

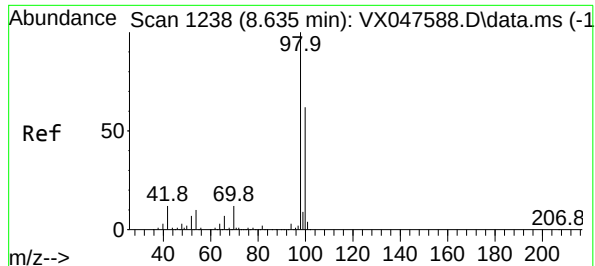
Ion Ratio Lower Upper

113 100

111 102.5 80.9 121.3

192 18.0 14.2 21.4





#50

Toluene-d8

Concen: 49.908 ug/l

RT: 8.635 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX048028.D

Acq: 06 Oct 2025 16:33

Instrument :

MSVOA_X

ClientSampleId :

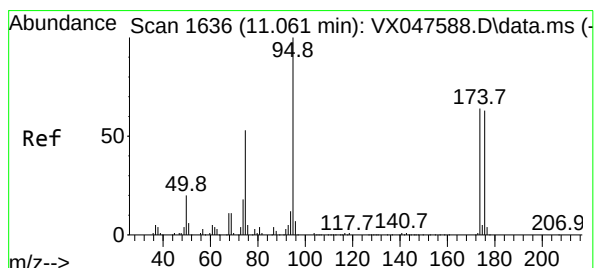
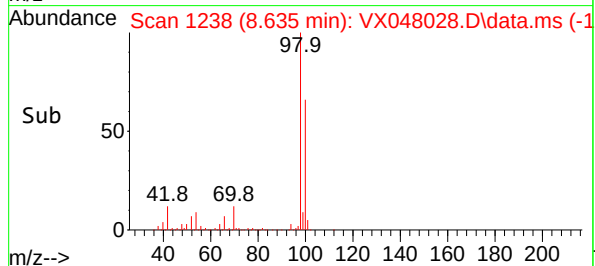
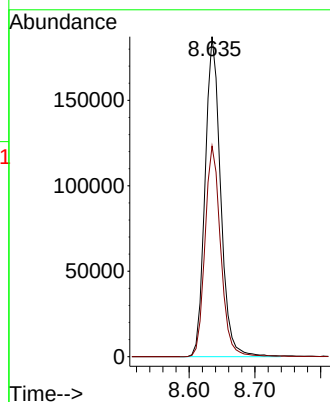
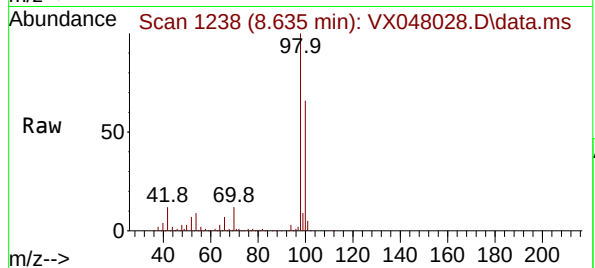
SY-3DD

Tgt Ion: 98 Resp: 308031

Ion Ratio Lower Upper

98 100

100 66.5 53.0 79.4



#62

4-Bromofluorobenzene

Concen: 56.895 ug/l

RT: 11.067 min Scan# 1637

Delta R.T. 0.006 min

Lab File: VX048028.D

Acq: 06 Oct 2025 16:33

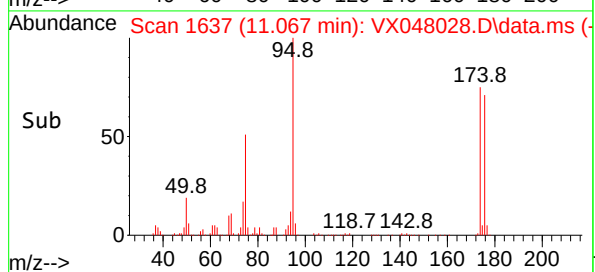
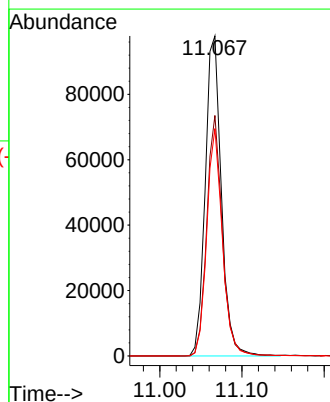
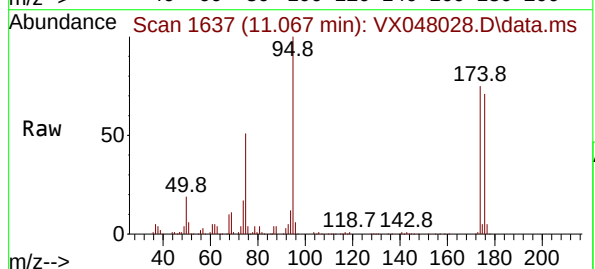
Tgt Ion: 95 Resp: 133269

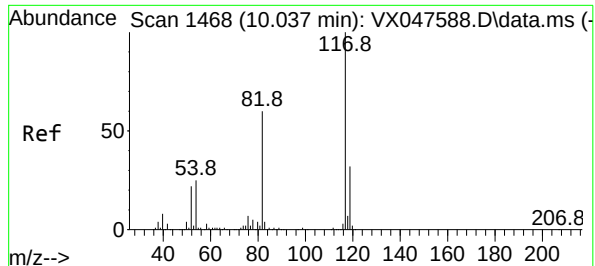
Ion Ratio Lower Upper

95 100

174 72.8 0.0 141.6

176 69.1 0.0 138.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.037 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VX048028.D

Acq: 06 Oct 2025 16:33

Instrument :

MSVOA_X

ClientSampleId :

SY-3DD

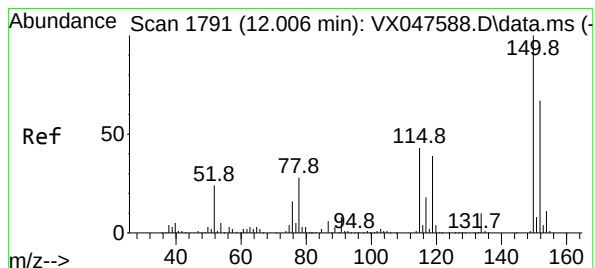
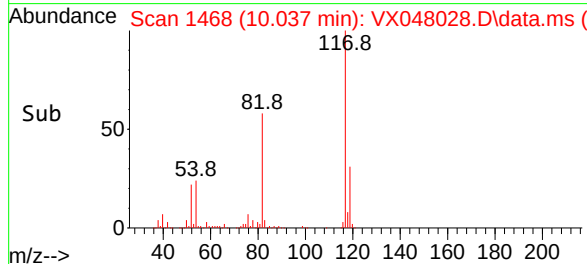
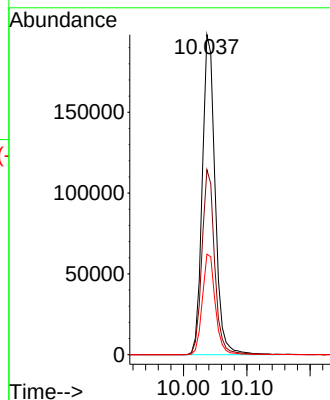
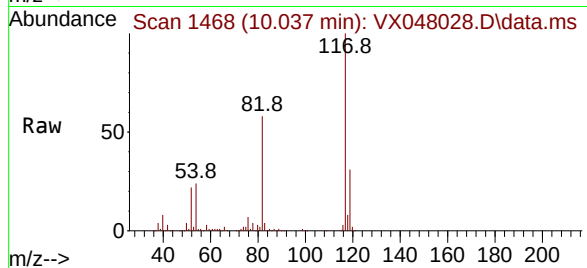
Tgt Ion:117 Resp: 280445

Ion Ratio Lower Upper

117 100

82 57.8 47.8 71.6

119 31.4 25.2 37.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX048028.D

Acq: 06 Oct 2025 16:33

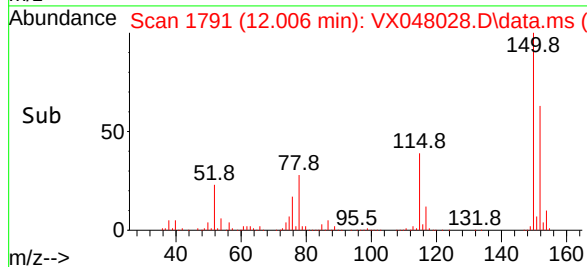
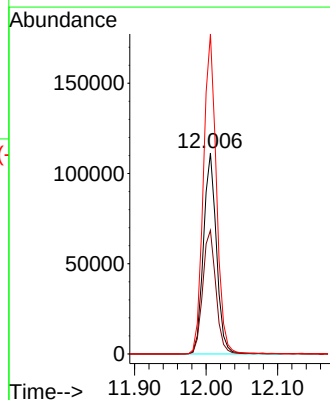
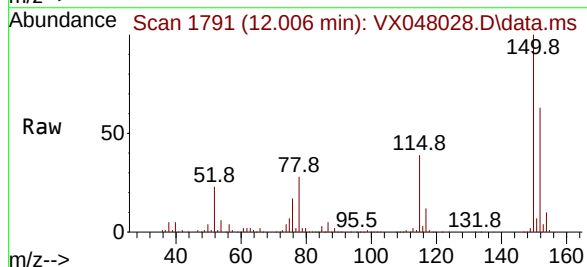
Tgt Ion:152 Resp: 140531

Ion Ratio Lower Upper

152 100

115 62.4 44.9 134.5

150 159.9 0.0 352.0



Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	09/23/25
Project:	Syosset Landfill 2025	Date Received:	09/24/25
Client Sample ID:	SY-3D	SDG No.:	Q3202
Lab Sample ID:	Q3202-11	Matrix:	Water
Analytical Method:	8260D	% 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:	Date Analyzed	Prep Batch ID
VX048031.D	1	10/06/25 17:35	VX100625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	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
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
107-13-1	Acrylonitrile	0.83	U	0.83	5.00	ug/L
67-64-1	Acetone	2.00	J	1.50	5.00	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	1.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
108-05-4	Vinyl Acetate	0.66	U	0.66	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
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
71-43-2	Benzene	0.15	U	0.15	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
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
100-41-4	Ethyl Benzene	0.13	U	0.13	1.00	ug/L

Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	09/23/25
Project:	Syosset Landfill 2025	Date Received:	09/24/25
Client Sample ID:	SY-3D	SDG No.:	Q3202
Lab Sample ID:	Q3202-11	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX048031.D	1	10/06/25 17:35	VX100625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1330-20-7	Total Xylenes	0.36	U	0.36	3.00	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
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
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	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
74-88-4	Methyl Iodide	0.83	UQ	0.83	5.00	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.84	UQ	0.84	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	56.9		74 - 125	114%	SPK: 50
1868-53-7	Dibromofluoromethane	52.7		75 - 124	105%	SPK: 50
2037-26-5	Toluene-d8	50.0		86 - 113	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	57.3		77 - 121	115%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	124000	5.544			
540-36-3	1,4-Difluorobenzene	256000	6.751			
3114-55-4	Chlorobenzene-d5	274000	10.037			
3855-82-1	1,4-Dichlorobenzene-d4	140000	12.006			

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\VX100625\
 Data File : VX048031.D
 Acq On : 06 Oct 2025 17:35
 Operator : JC/MD
 Sample : Q3202-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SY-3D

Quant Time: Oct 07 02:20:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

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

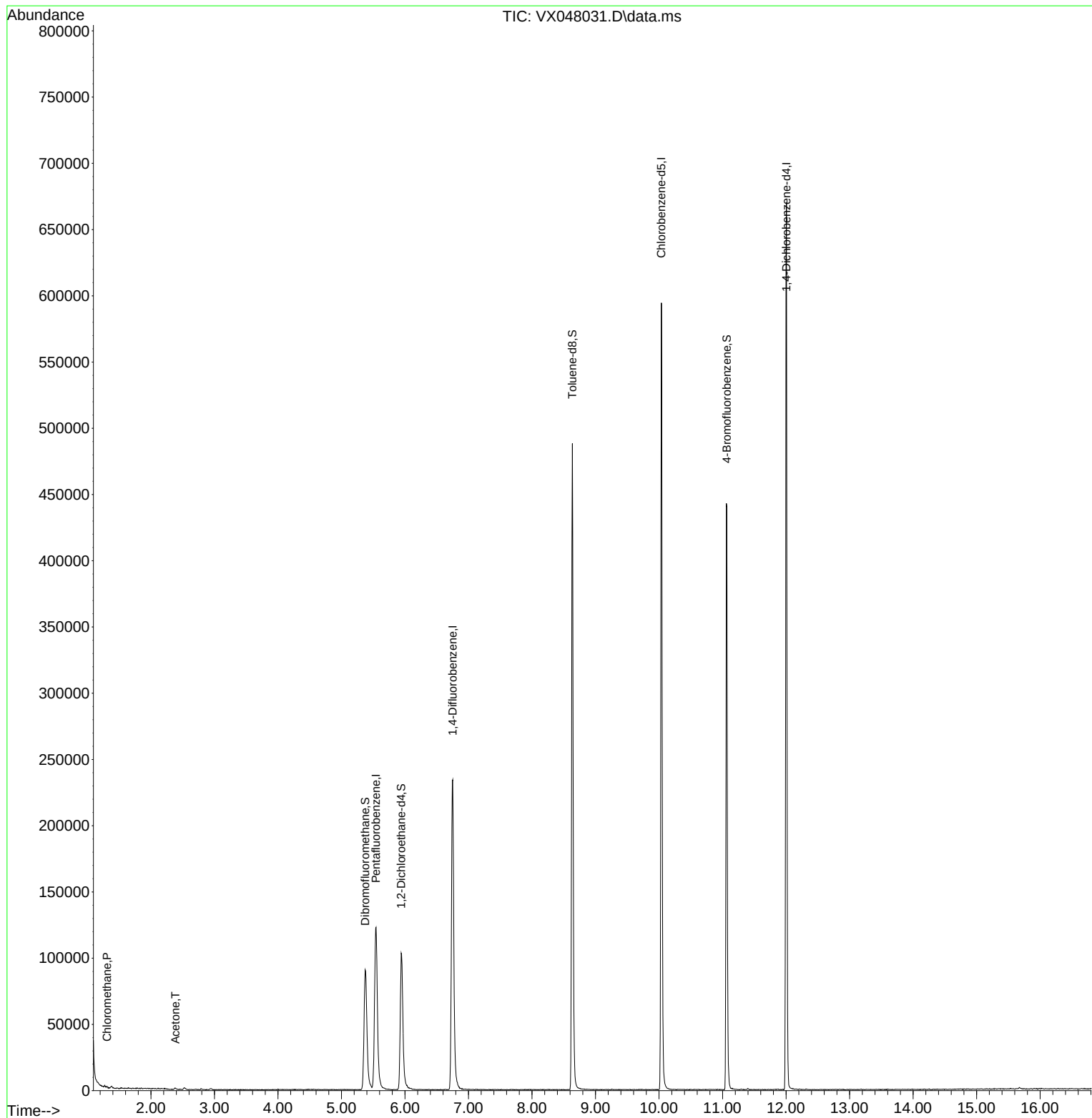
Internal Standards						
1) Pentafluorobenzene	5.544	168	124280	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	255750	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	273710	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	139753	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	112472	56.855	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 113.720%	
35) Dibromofluoromethane	5.373	113	90381	52.694	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.380%	
50) Toluene-d8	8.635	98	297038	50.049	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.100%	
62) 4-Bromofluorobenzene	11.067	95	129057	57.297	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 114.600%	
Target Compounds						Qvalue
3) Chloromethane	1.307	50	635	0.375	ug/l #	88
16) Acetone	2.386	43	1695	1.971	ug/l #	69

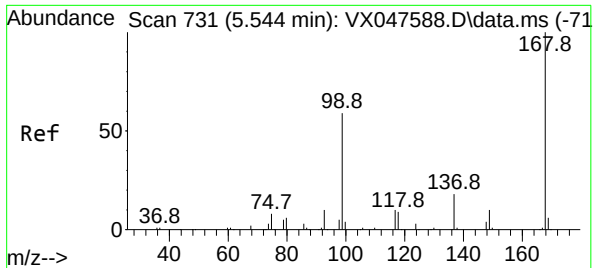
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100625\
Data File : VX048031.D
Acq On : 06 Oct 2025 17:35
Operator : JC/MD
Sample : Q3202-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SY-3D

Quant Time: Oct 07 02:20:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

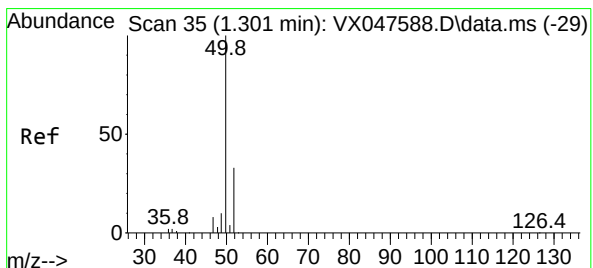
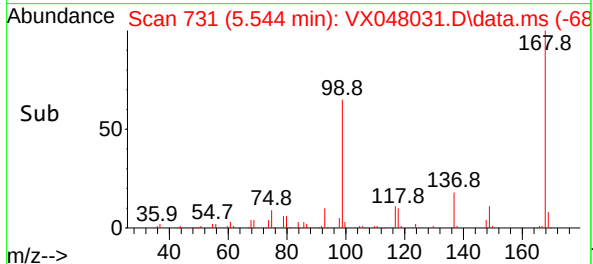
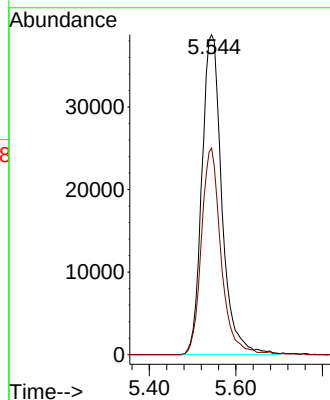
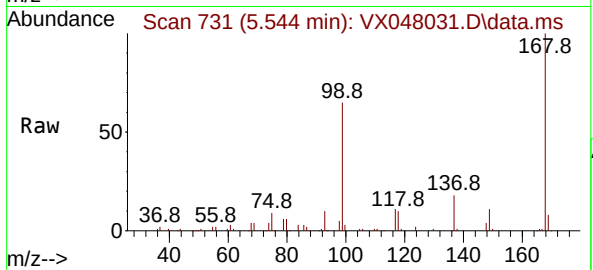




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048031.D
Acq: 06 Oct 2025 17:35

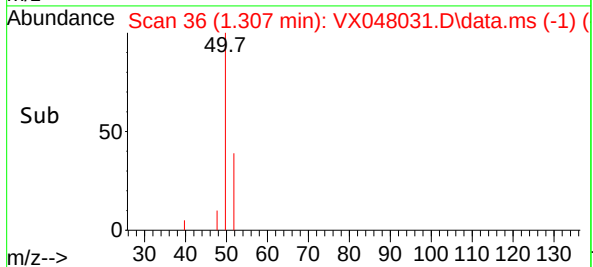
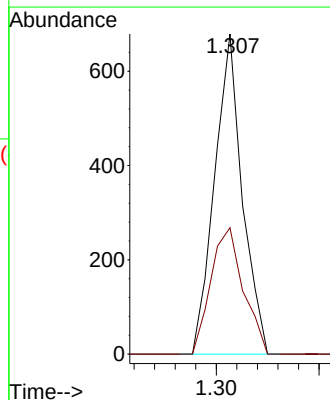
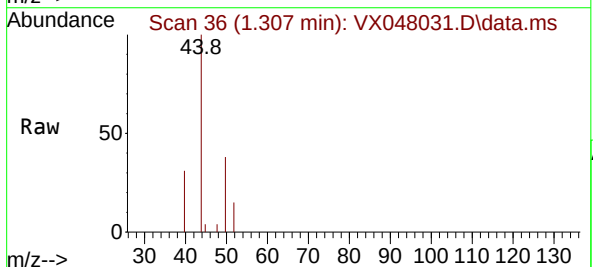
Instrument :
MSVOA_X
ClientSampleId :
SY-3D

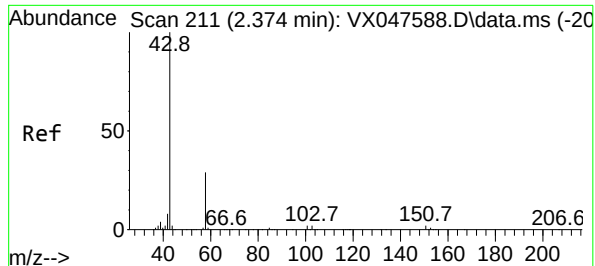
Tgt Ion:168 Resp: 124280
Ion Ratio Lower Upper
168 100
99 64.6 48.8 73.2



#3
Chloromethane
Concen: 0.375 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.006 min
Lab File: VX048031.D
Acq: 06 Oct 2025 17:35

Tgt Ion: 50 Resp: 635
Ion Ratio Lower Upper
50 100
52 39.5 26.1 39.1#

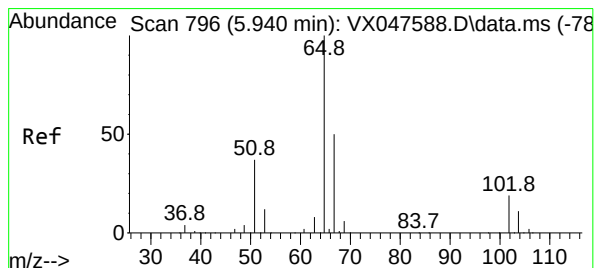
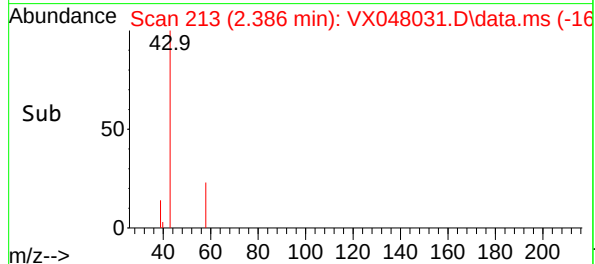
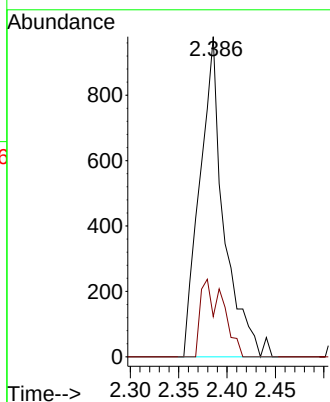
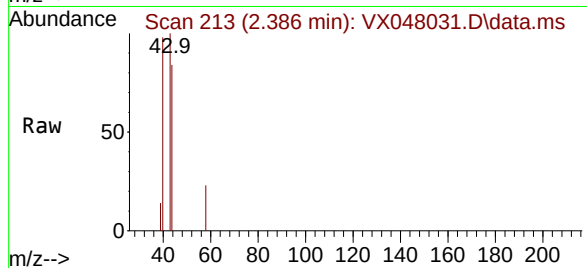




#16
Acetone
Concen: 1.971 ug/l
RT: 2.386 min Scan# 211
Delta R.T. 0.012 min
Lab File: VX048031.D
Acq: 06 Oct 2025 17:35

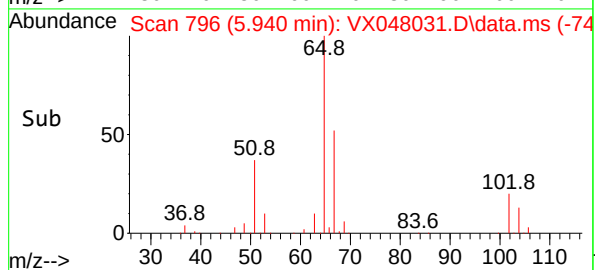
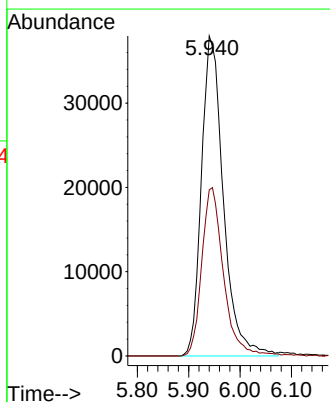
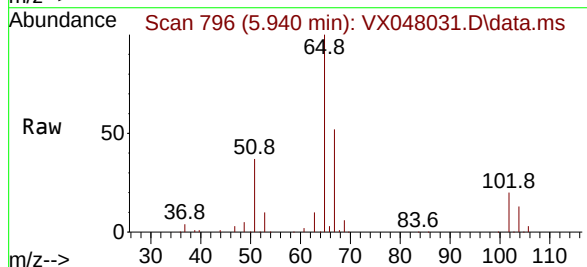
Instrument :
MSVOA_X
ClientSampleId :
SY-3D

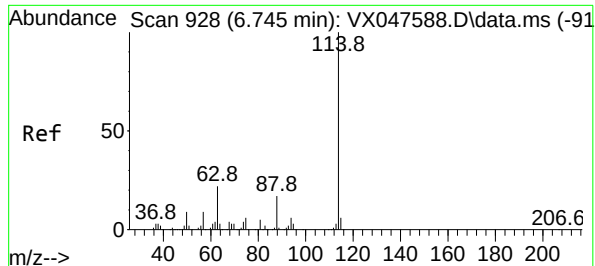
Tgt Ion: 43 Resp: 1695
Ion Ratio Lower Upper
43 100
58 12.6 23.4 35.0#



#33
1,2-Dichloroethane-d4
Concen: 56.855 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048031.D
Acq: 06 Oct 2025 17:35

Tgt Ion: 65 Resp: 112472
Ion Ratio Lower Upper
65 100
67 52.3 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 91

Delta R.T. 0.006 min

Lab File: VX048031.D

Acq: 06 Oct 2025 17:35

Instrument :

MSVOA_X

ClientSampleId :

SY-3D

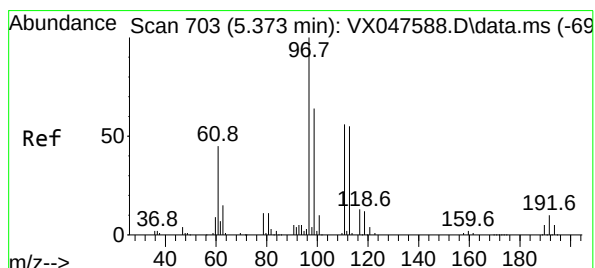
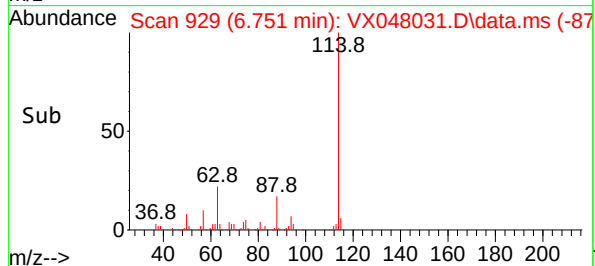
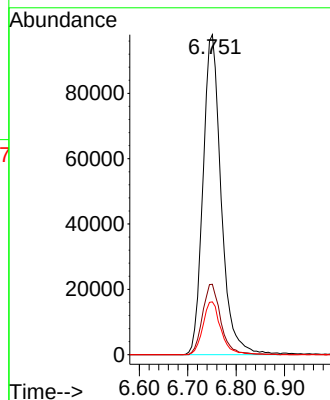
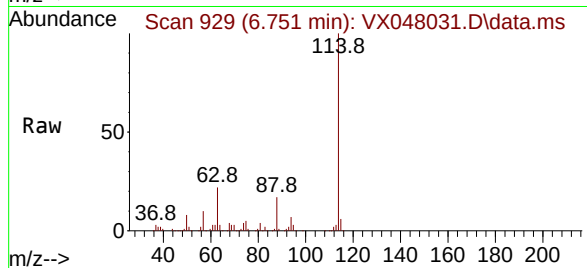
Tgt Ion:114 Resp: 255750

Ion Ratio Lower Upper

114 100

63 22.0 0.0 44.0

88 16.5 0.0 34.2



#35

Dibromofluoromethane

Concen: 52.694 ug/l

RT: 5.373 min Scan# 703

Delta R.T. -0.000 min

Lab File: VX048031.D

Acq: 06 Oct 2025 17:35

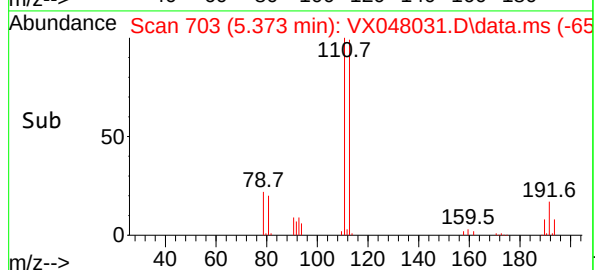
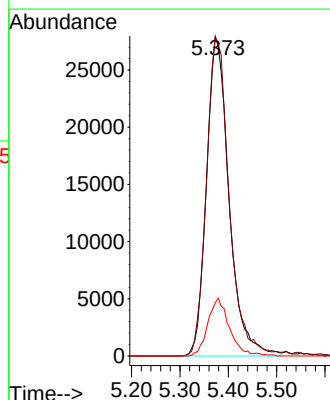
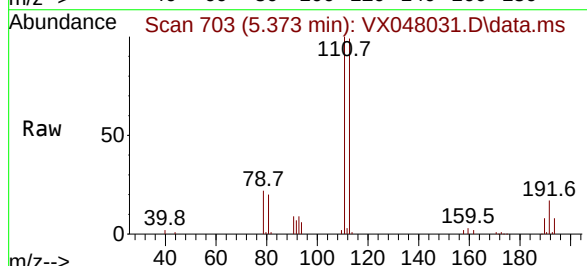
Tgt Ion:113 Resp: 90381

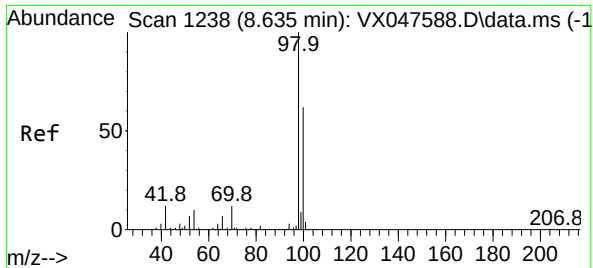
Ion Ratio Lower Upper

113 100

111 101.4 80.9 121.3

192 17.4 14.2 21.4

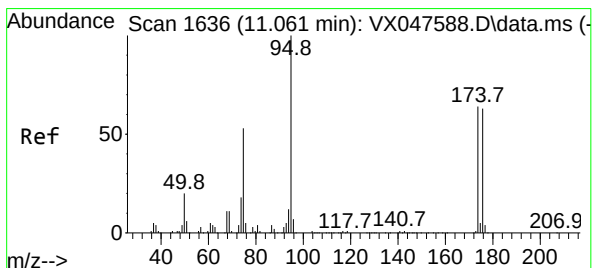
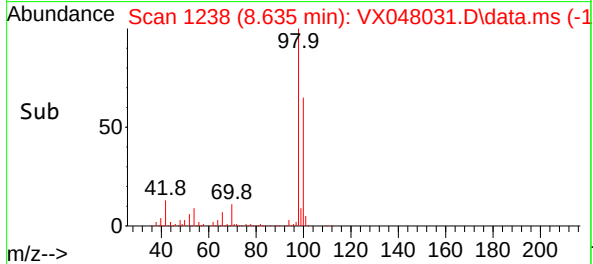
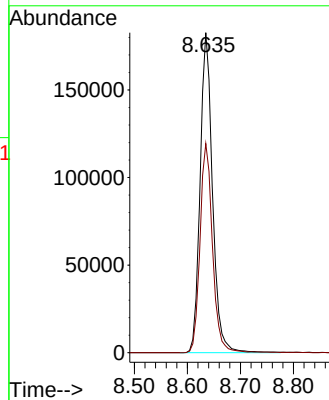
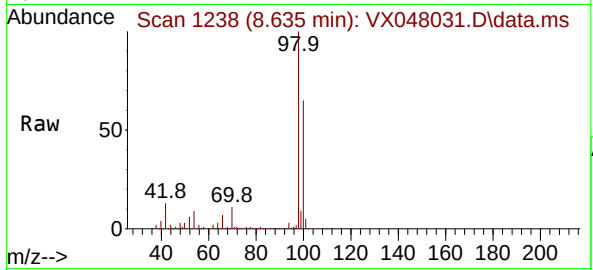




#50
Toluene-d8
Concen: 50.049 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048031.D
Acq: 06 Oct 2025 17:35

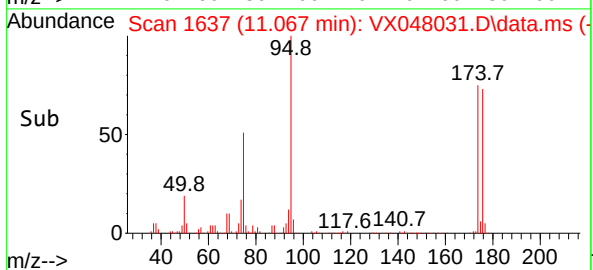
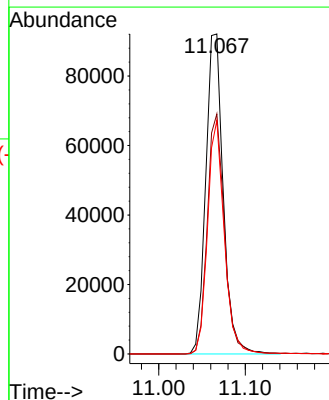
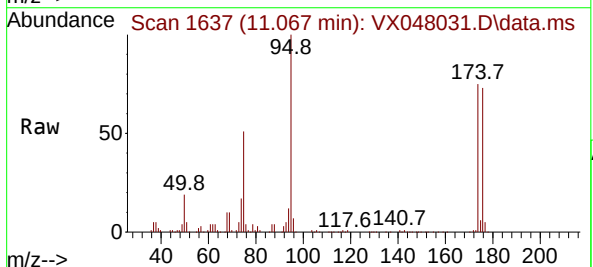
Instrument :
MSVOA_X
ClientSampleId :
SY-3D

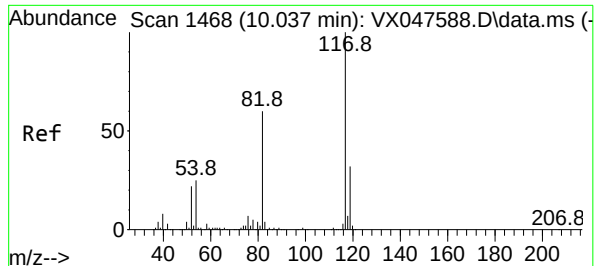
Tgt Ion: 98 Resp: 297038
Ion Ratio Lower Upper
98 100
100 66.0 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 57.297 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX048031.D
Acq: 06 Oct 2025 17:35

Tgt Ion: 95 Resp: 129057
Ion Ratio Lower Upper
95 100
174 74.1 0.0 141.6
176 70.1 0.0 138.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.037 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VX048031.D

Acq: 06 Oct 2025 17:35

Instrument :

MSVOA_X

ClientSampleId :

SY-3D

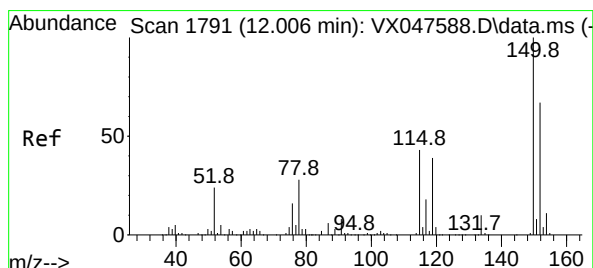
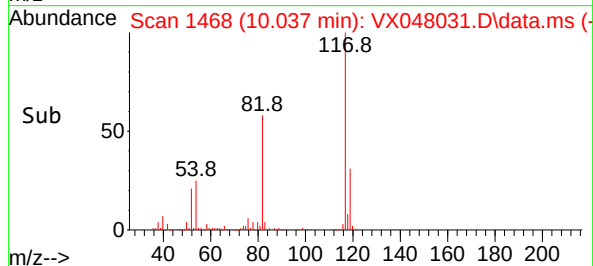
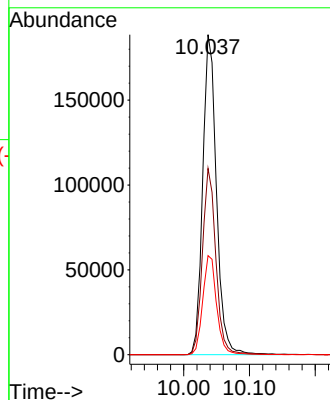
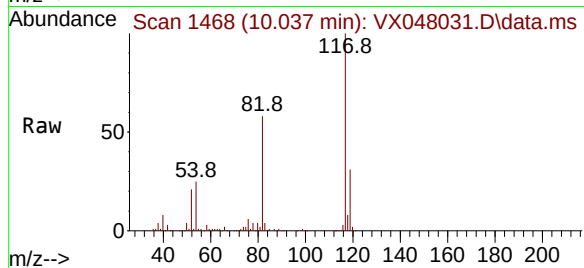
Tgt Ion:117 Resp: 273710

Ion Ratio Lower Upper

117 100

82 58.2 47.8 71.6

119 31.0 25.2 37.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX048031.D

Acq: 06 Oct 2025 17:35

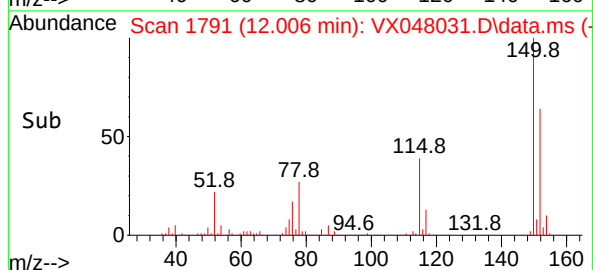
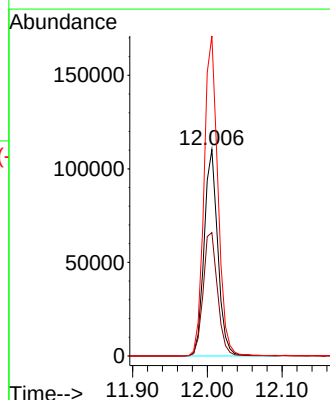
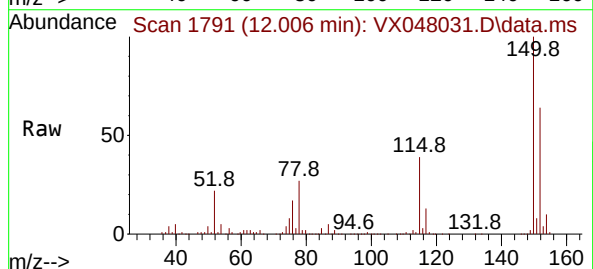
Tgt Ion:152 Resp: 139753

Ion Ratio Lower Upper

152 100

115 63.0 44.9 134.5

150 157.4 0.0 352.0



Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	09/23/25
Project:	Syosset Landfill 2025	Date Received:	09/24/25
Client Sample ID:	SY-3	SDG No.:	Q3202
Lab Sample ID:	Q3202-17	Matrix:	Water
Analytical Method:	8260D	% 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:	Date Analyzed	Prep Batch ID
VX048029.D	1	10/06/25 16:54	VX100625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	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
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
107-13-1	Acrylonitrile	0.83	U	0.83	5.00	ug/L
67-64-1	Acetone	7.20		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	1.30		0.21	1.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
108-05-4	Vinyl Acetate	0.66	U	0.66	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
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
71-43-2	Benzene	0.15	U	0.15	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
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
100-41-4	Ethyl Benzene	0.13	U	0.13	1.00	ug/L

Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	09/23/25
Project:	Syosset Landfill 2025	Date Received:	09/24/25
Client Sample ID:	SY-3	SDG No.:	Q3202
Lab Sample ID:	Q3202-17	Matrix:	Water
Analytical Method:	8260D	% 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:	Date Analyzed	Prep Batch ID
VX048029.D	1	10/06/25 16:54	VX100625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1330-20-7	Total Xylenes	0.36	U	0.36	3.00	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
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
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	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
74-88-4	Methyl Iodide	0.83	UQ	0.83	5.00	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.84	UQ	0.84	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.4		74 - 125	105%	SPK: 50
1868-53-7	Dibromofluoromethane	49.8		75 - 124	100%	SPK: 50
2037-26-5	Toluene-d8	49.0		86 - 113	98%	SPK: 50
460-00-4	4-Bromofluorobenzene	55.8		77 - 121	112%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	109000	5.544			
540-36-3	1,4-Difluorobenzene	222000	6.751			
3114-55-4	Chlorobenzene-d5	231000	10.037			
3855-82-1	1,4-Dichlorobenzene-d4	114000	12.006			

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 OC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100625\
 Data File : VX048029.D
 Acq On : 06 Oct 2025 16:54
 Operator : JC/MD
 Sample : Q3202-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SY-3

Quant Time: Oct 07 02:19:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

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

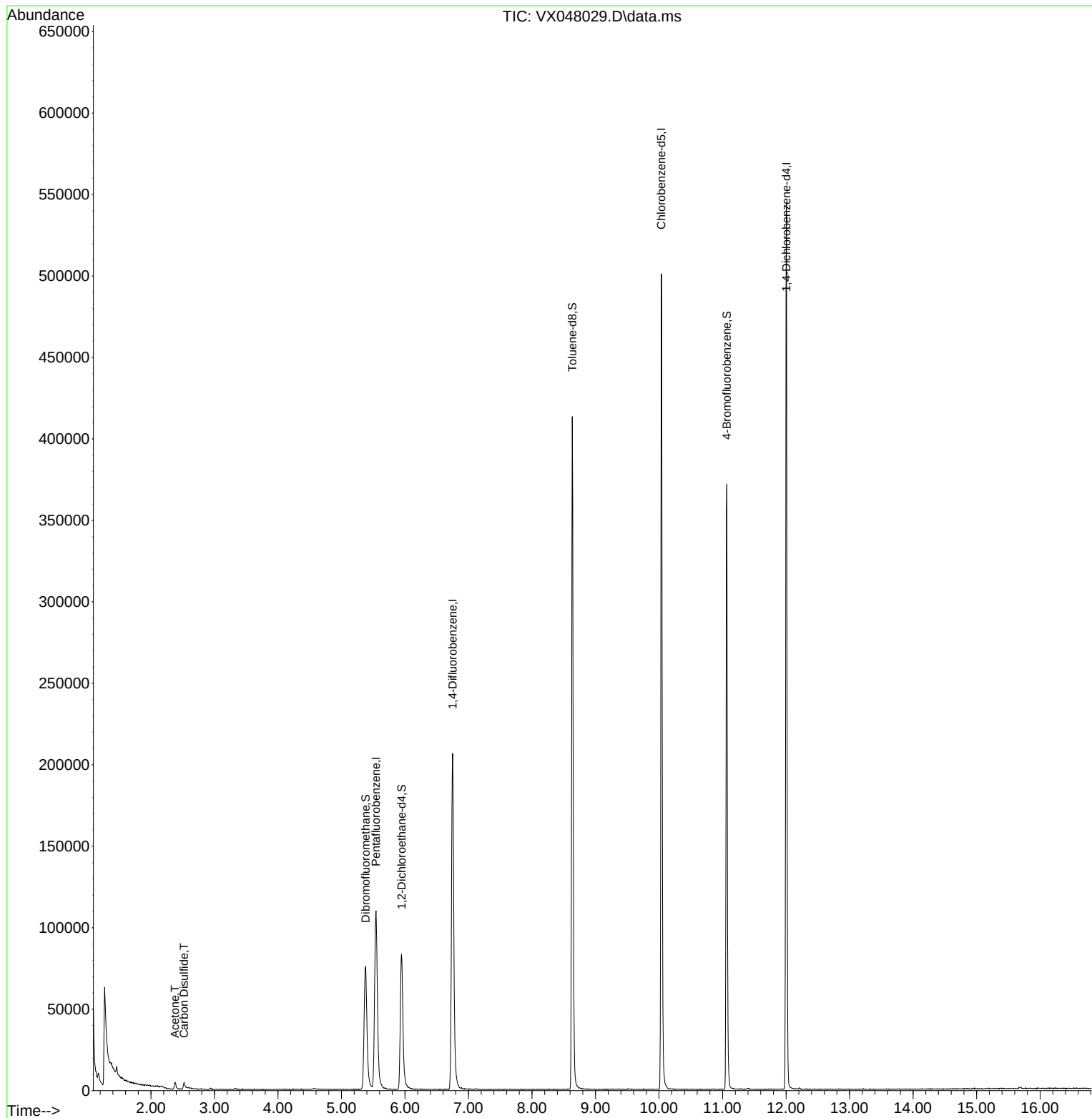
Internal Standards						
1) Pentafluorobenzene	5.544	168	109093	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	222131	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	230729	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	114487	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	91049	52.433	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	104.860%
35) Dibromofluoromethane	5.379	113	74139	49.767	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.540%
50) Toluene-d8	8.634	98	252396	48.964	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.920%
62) 4-Bromofluorobenzene	11.067	95	109258	55.849	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	111.700%
Target Compounds						
16) Acetone	2.380	43	5413	7.169	ug/l	96
17) Carbon Disulfide	2.520	76	4444	1.252	ug/l #	92

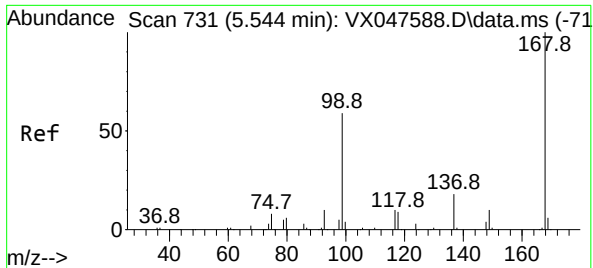
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100625\
Data File : VX048029.D
Acq On : 06 Oct 2025 16:54
Operator : JC/MD
Sample : Q3202-17
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SY-3

Quant Time: Oct 07 02:19:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

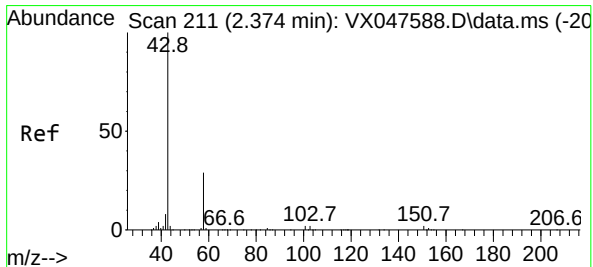
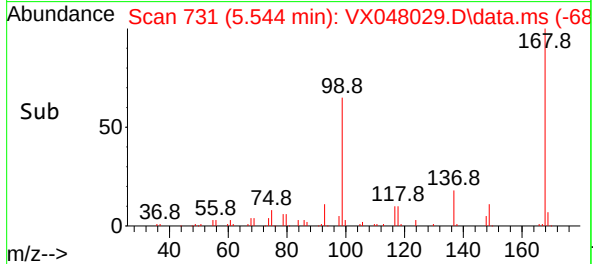
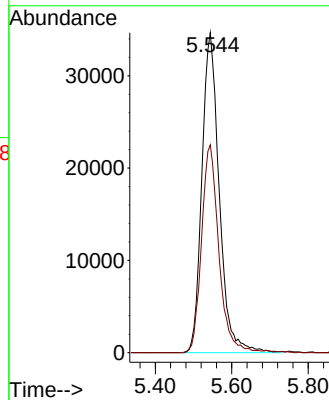
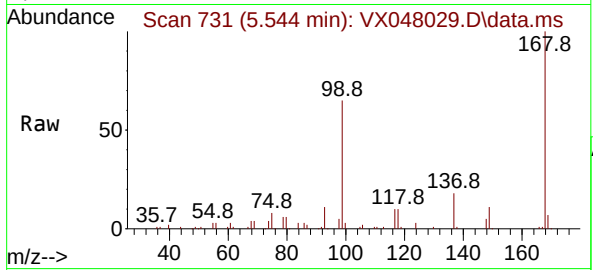




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048029.D
Acq: 06 Oct 2025 16:54

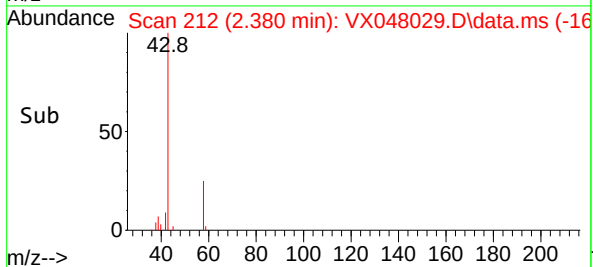
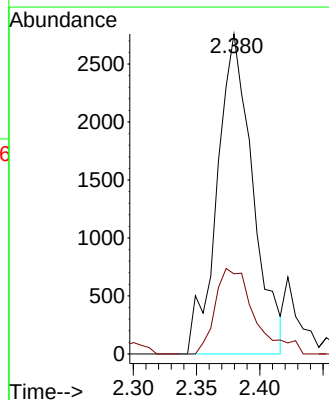
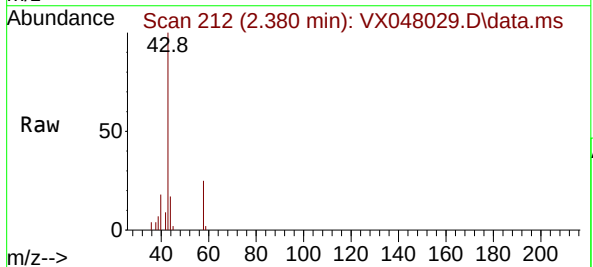
Instrument :
MSVOA_X
ClientSampleId :
SY-3

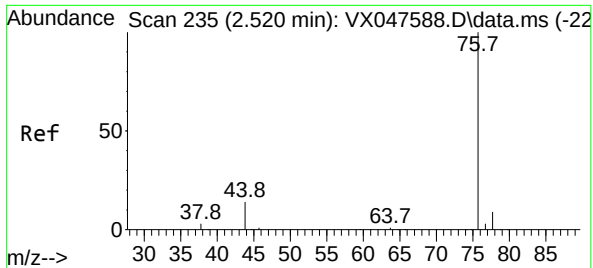
Tgt Ion:168 Resp: 109093
Ion Ratio Lower Upper
168 100
99 65.0 48.8 73.2



#16
Acetone
Concen: 7.169 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048029.D
Acq: 06 Oct 2025 16:54

Tgt Ion: 43 Resp: 5413
Ion Ratio Lower Upper
43 100
58 26.9 23.4 35.0

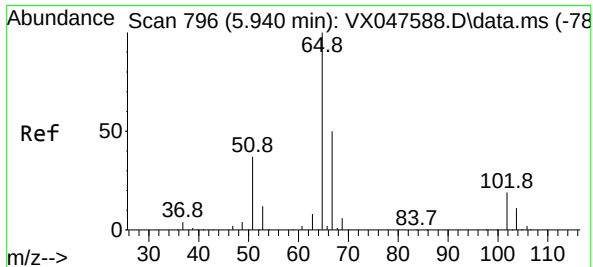
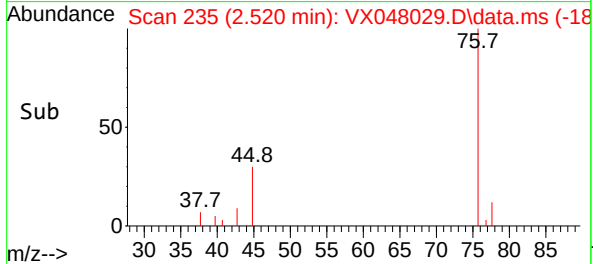
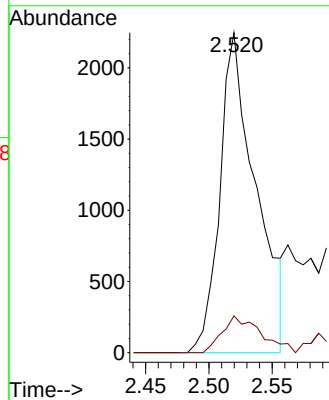
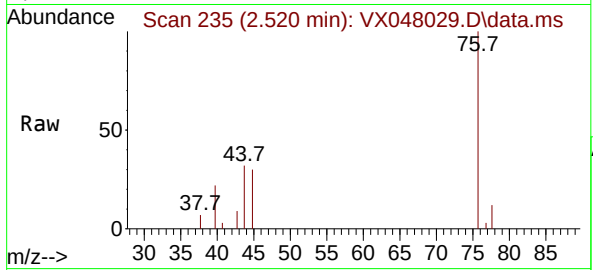




#17
Carbon Disulfide
Concen: 1.252 ug/l
RT: 2.520 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX048029.D
Acq: 06 Oct 2025 16:54

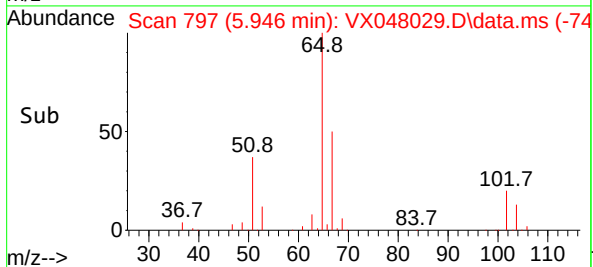
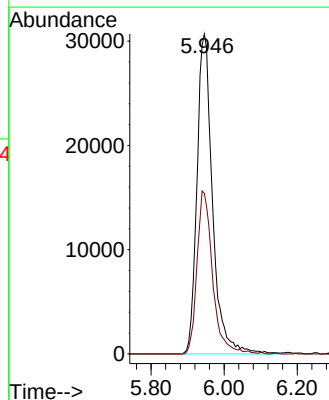
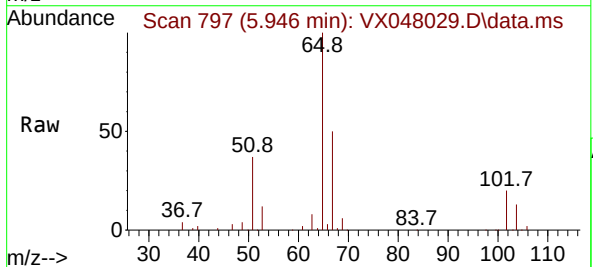
Instrument :
MSVOA_X
ClientSampleId :
SY-3

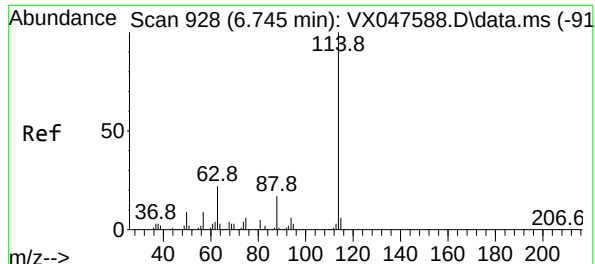
Tgt Ion: 76 Resp: 4444
Ion Ratio Lower Upper
76 100
78 11.5 6.8 10.2#



#33
1,2-Dichloroethane-d4
Concen: 52.433 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX048029.D
Acq: 06 Oct 2025 16:54

Tgt Ion: 65 Resp: 91049
Ion Ratio Lower Upper
65 100
67 50.5 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 91

Delta R.T. 0.006 min

Lab File: VX048029.D

Acq: 06 Oct 2025 16:54

Instrument :

MSVOA_X

ClientSampleId :

SY-3

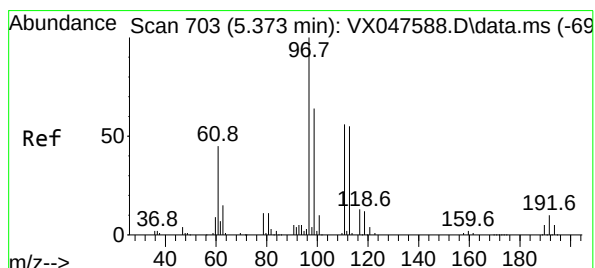
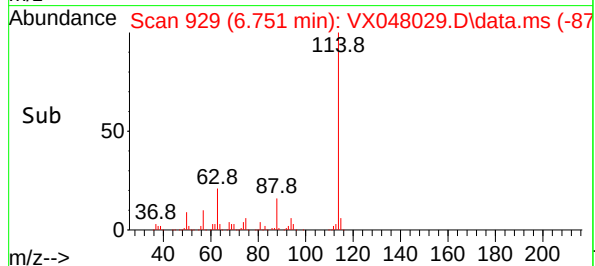
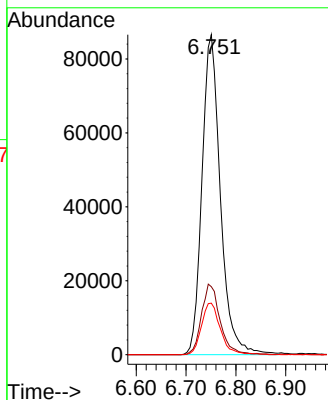
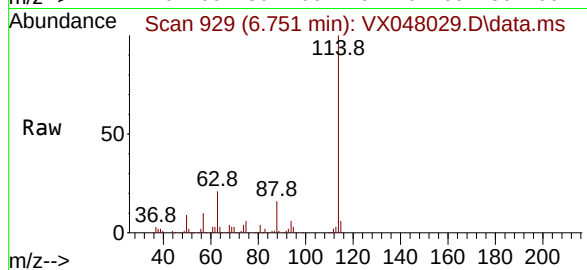
Tgt Ion:114 Resp: 222131

Ion Ratio Lower Upper

114 100

63 21.3 0.0 44.0

88 16.1 0.0 34.2



#35

Dibromofluoromethane

Concen: 49.767 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX048029.D

Acq: 06 Oct 2025 16:54

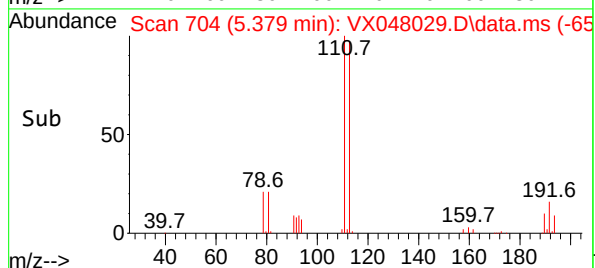
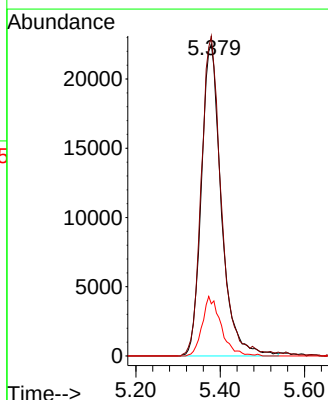
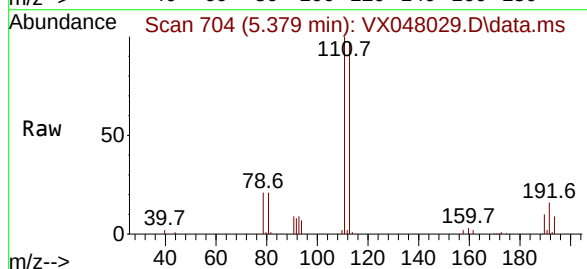
Tgt Ion:113 Resp: 74139

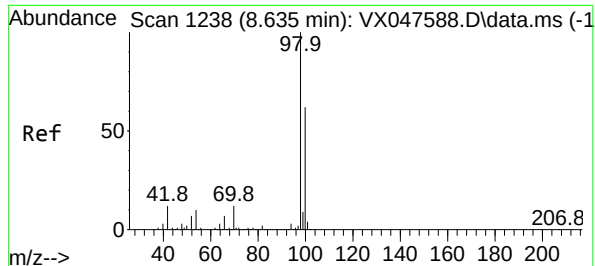
Ion Ratio Lower Upper

113 100

111 101.9 80.9 121.3

192 18.1 14.2 21.4





#50

Toluene-d8

Concen: 48.964 ug/l

RT: 8.634 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX048029.D

Acq: 06 Oct 2025 16:54

Instrument :

MSVOA_X

ClientSampleId :

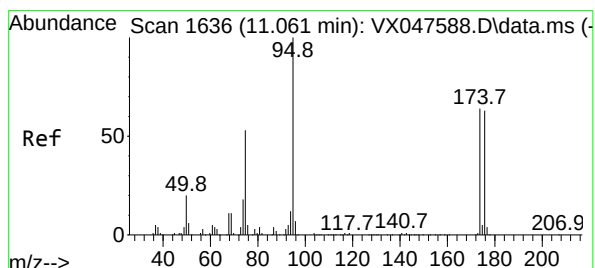
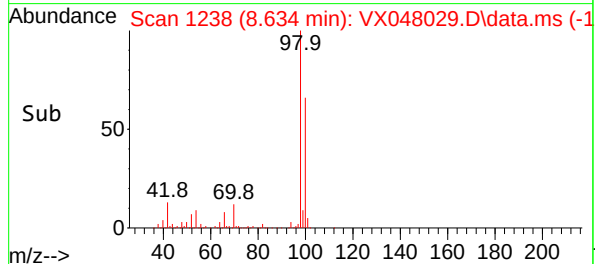
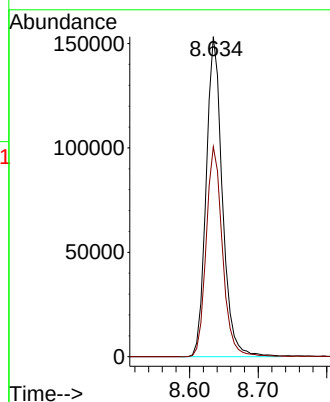
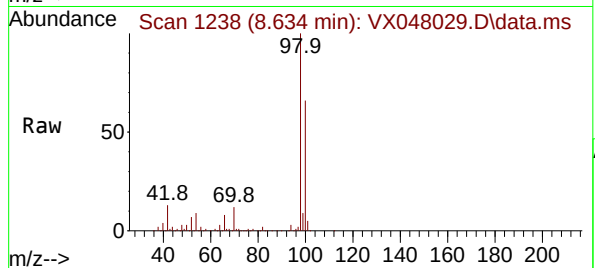
SY-3

Tgt Ion: 98 Resp: 252396

Ion Ratio Lower Upper

98 100

100 65.9 53.0 79.4



#62

4-Bromofluorobenzene

Concen: 55.849 ug/l

RT: 11.067 min Scan# 1637

Delta R.T. 0.006 min

Lab File: VX048029.D

Acq: 06 Oct 2025 16:54

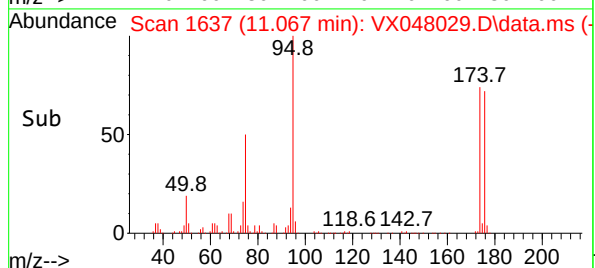
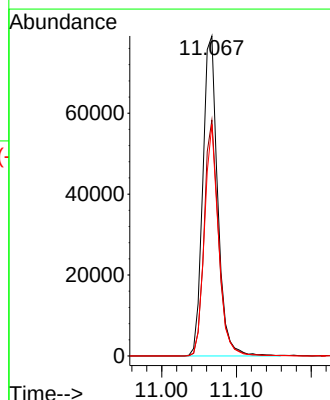
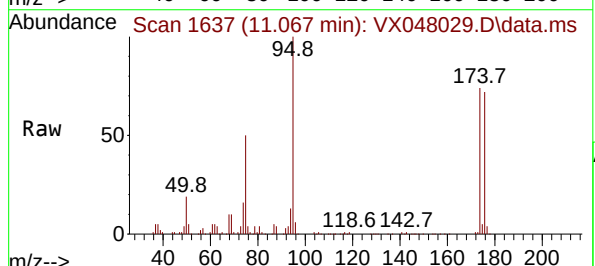
Tgt Ion: 95 Resp: 109258

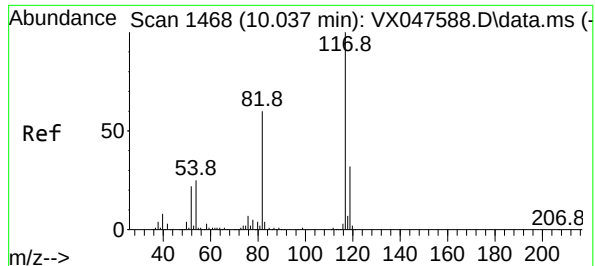
Ion Ratio Lower Upper

95 100

174 71.1 0.0 141.6

176 68.8 0.0 138.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.037 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VX048029.D

Acq: 06 Oct 2025 16:54

Instrument :

MSVOA_X

ClientSampleId :

SY-3

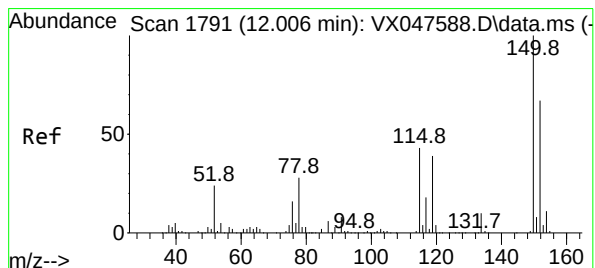
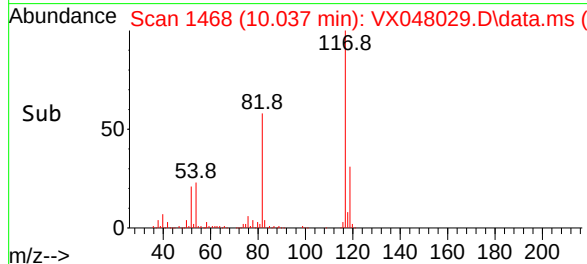
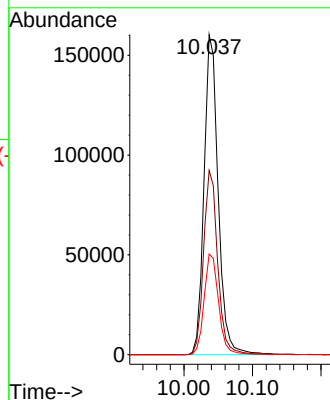
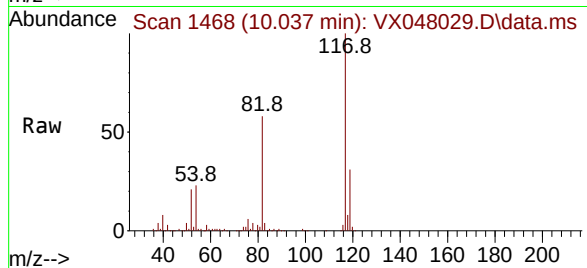
Tgt Ion:117 Resp: 230729

Ion Ratio Lower Upper

117 100

82 57.5 47.8 71.6

119 31.5 25.2 37.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX048029.D

Acq: 06 Oct 2025 16:54

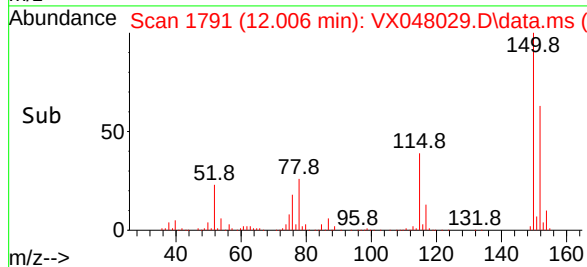
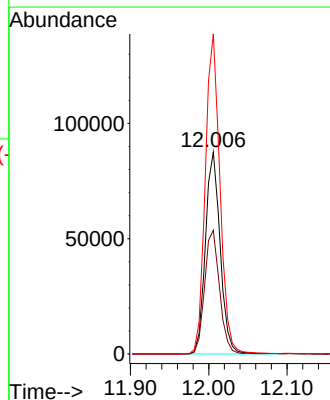
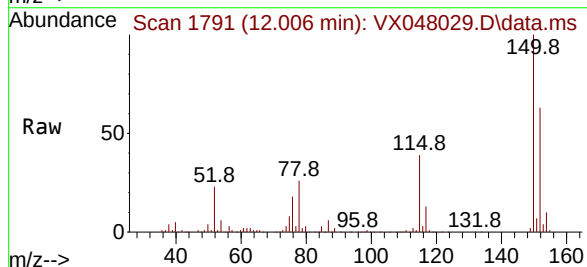
Tgt Ion:152 Resp: 114487

Ion Ratio Lower Upper

152 100

115 62.0 44.9 134.5

150 157.3 0.0 352.0



Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	09/24/25
Project:	Syosset Landfill 2025	Date Received:	09/24/25
Client Sample ID:	TB	SDG No.:	Q3202
Lab Sample ID:	Q3202-19	Matrix:	Water
Analytical Method:	8260D	% 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:	Date Analyzed	Prep Batch ID
VX048013.D	1	10/06/25 11:13	VX100625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	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
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	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
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
108-05-4	Vinyl Acetate	0.66	U	0.66	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
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
71-43-2	Benzene	0.15	U	0.15	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
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
100-41-4	Ethyl Benzene	0.13	U	0.13	1.00	ug/L

Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	09/24/25
Project:	Syosset Landfill 2025	Date Received:	09/24/25
Client Sample ID:	TB	SDG No.:	Q3202
Lab Sample ID:	Q3202-19	Matrix:	Water
Analytical Method:	8260D	% 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:	Date Analyzed	Prep Batch ID
VX048013.D	1	10/06/25 11:13	VX100625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1330-20-7	Total Xylenes	0.36	U	0.36	3.00	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
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
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	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
74-88-4	Methyl Iodide	0.83	UQ	0.83	5.00	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.84	UQ	0.84	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	50.8		74 - 125	102%	SPK: 50
1868-53-7	Dibromofluoromethane	48.7		75 - 124	97%	SPK: 50
2037-26-5	Toluene-d8	47.3		86 - 113	95%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.6		77 - 121	107%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	157000	5.538			
540-36-3	1,4-Difluorobenzene	323000	6.745			
3114-55-4	Chlorobenzene-d5	328000	10.037			
3855-82-1	1,4-Dichlorobenzene-d4	161000	12.006			

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\VX100625\
 Data File : VX048013.D
 Acq On : 06 Oct 2025 11:13
 Operator : JC/MD
 Sample : Q3202-19
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB

Quant Time: Oct 07 02:08:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.538	168	157457	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	323356	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	327577	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	161049	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	127320	50.800	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.600%
35) Dibromofluoromethane	5.367	113	105568	48.680	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.360%
50) Toluene-d8	8.635	98	354939	47.301	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.600%
62) 4-Bromofluorobenzene	11.061	95	152712	53.624	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.240%

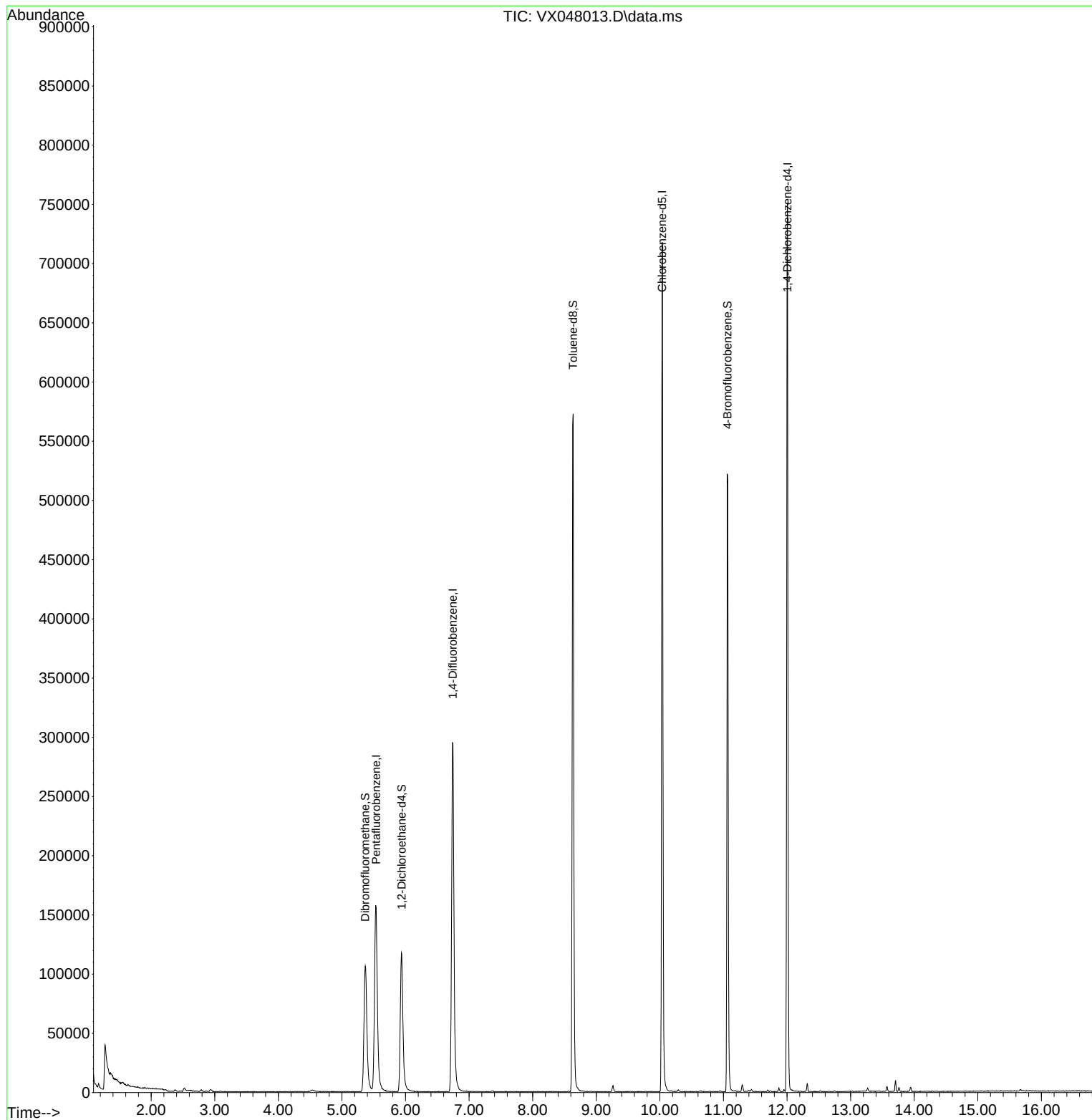
Target Compounds	Qvalue

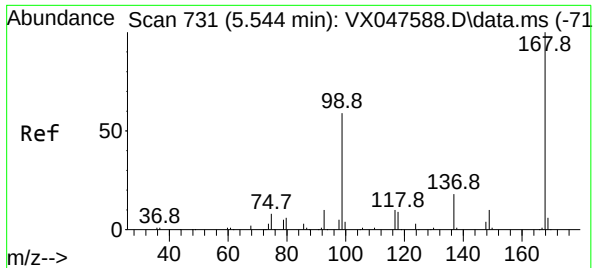
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100625\
Data File : VX048013.D
Acq On : 06 Oct 2025 11:13
Operator : JC/MD
Sample : Q3202-19
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TB

Quant Time: Oct 07 02:08:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

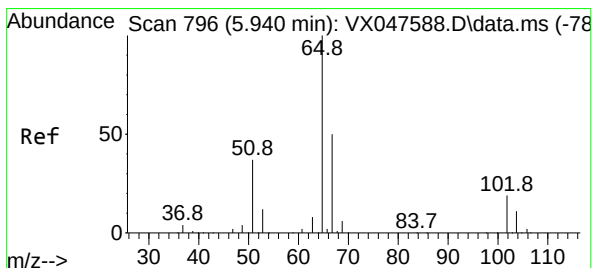
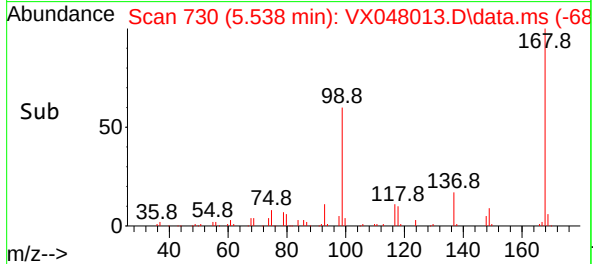
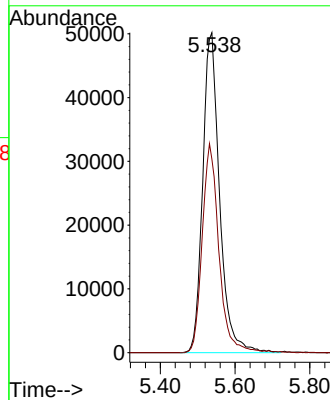
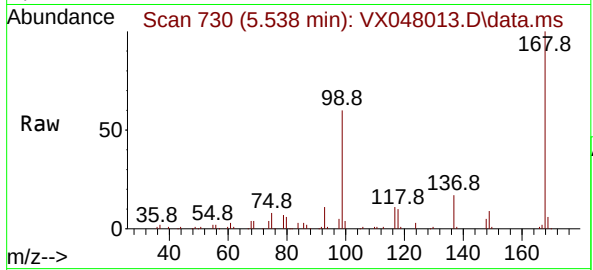




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX048013.D
Acq: 06 Oct 2025 11:13

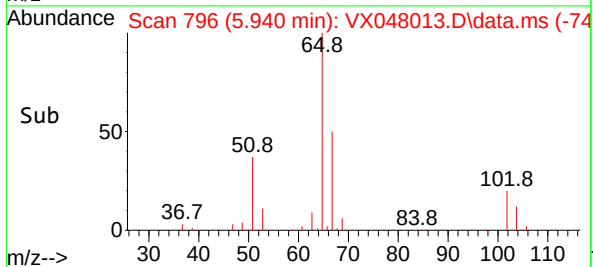
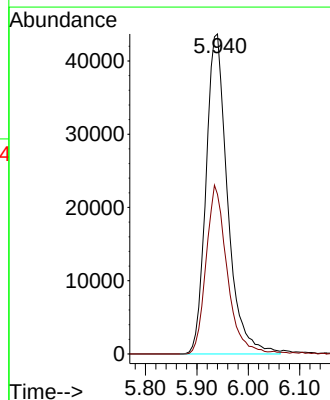
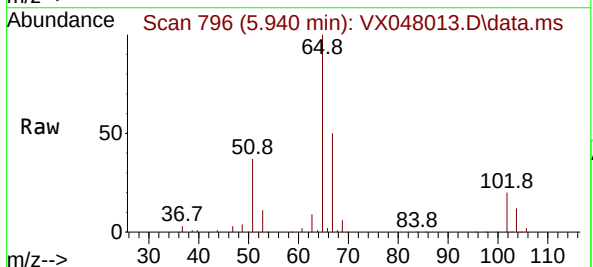
Instrument :
MSVOA_X
ClientSampleId :
TB

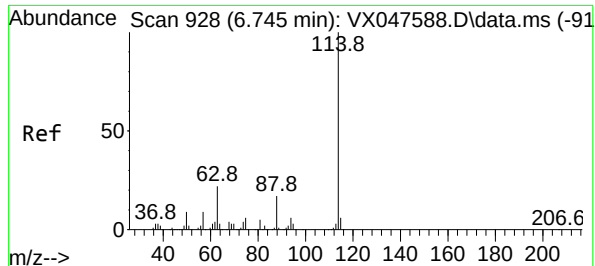
Tgt Ion:168 Resp: 157457
Ion Ratio Lower Upper
168 100
99 60.5 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 50.800 ug/l
RT: 5.940 min Scan# 796
Delta R.T. 0.000 min
Lab File: VX048013.D
Acq: 06 Oct 2025 11:13

Tgt Ion: 65 Resp: 127320
Ion Ratio Lower Upper
65 100
67 51.2 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.745 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX048013.D

Acq: 06 Oct 2025 11:13

Instrument :

MSVOA_X

ClientSampleId :

TB

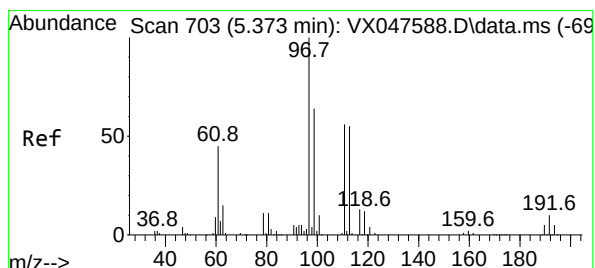
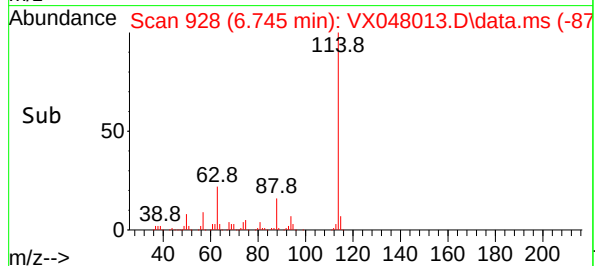
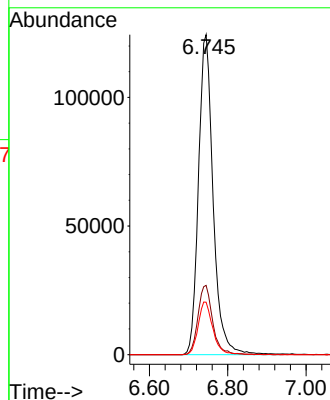
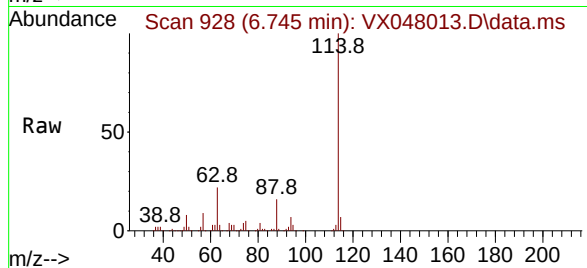
Tgt Ion:114 Resp: 323356

Ion Ratio Lower Upper

114 100

63 21.6 0.0 44.0

88 16.4 0.0 34.2



#35

Dibromofluoromethane

Concen: 48.680 ug/l

RT: 5.367 min Scan# 702

Delta R.T. -0.006 min

Lab File: VX048013.D

Acq: 06 Oct 2025 11:13

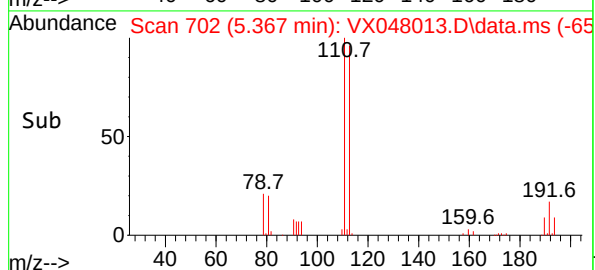
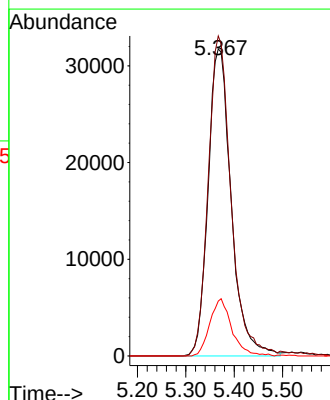
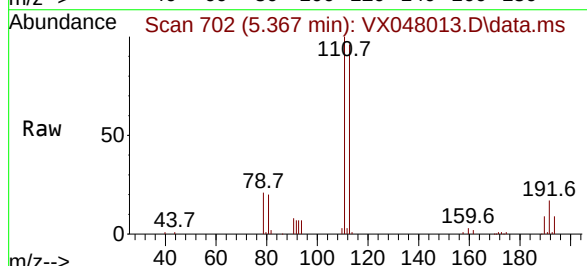
Tgt Ion:113 Resp: 105568

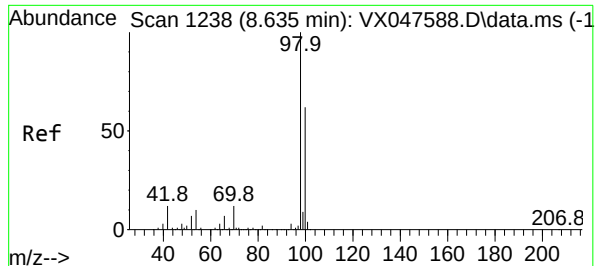
Ion Ratio Lower Upper

113 100

111 102.2 80.9 121.3

192 17.7 14.2 21.4





#50

Toluene-d8

Concen: 47.301 ug/l

RT: 8.635 min Scan# 1238

Delta R.T. 0.000 min

Lab File: VX048013.D

Acq: 06 Oct 2025 11:13

Instrument :

MSVOA_X

ClientSampleId :

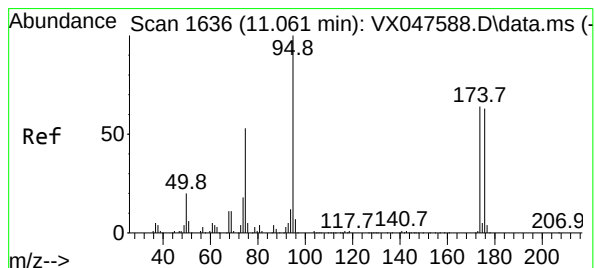
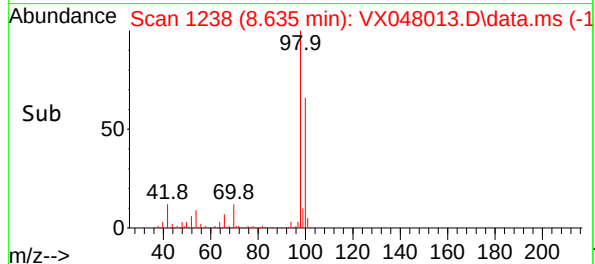
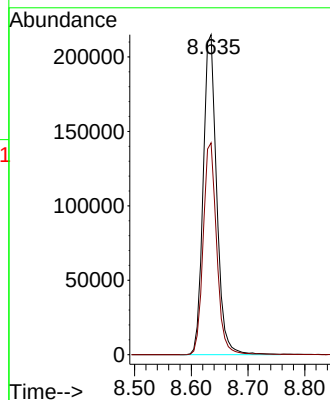
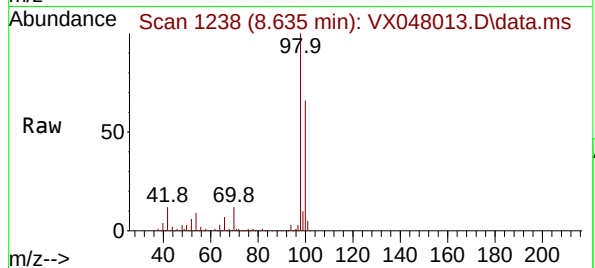
TB

Tgt Ion: 98 Resp: 354939

Ion Ratio Lower Upper

98 100

100 66.3 53.0 79.4



#62

4-Bromofluorobenzene

Concen: 53.624 ug/l

RT: 11.061 min Scan# 1636

Delta R.T. -0.000 min

Lab File: VX048013.D

Acq: 06 Oct 2025 11:13

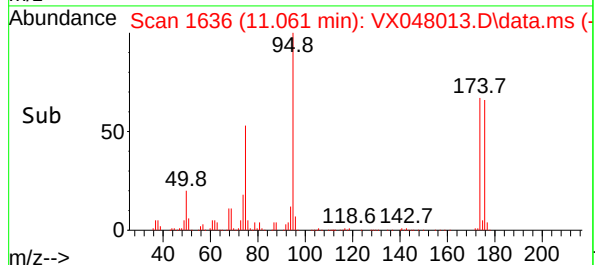
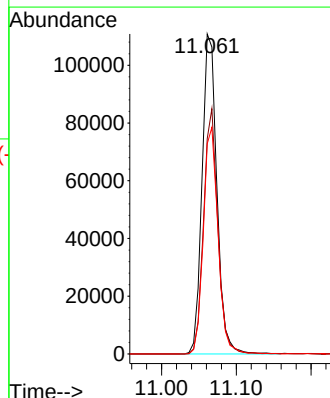
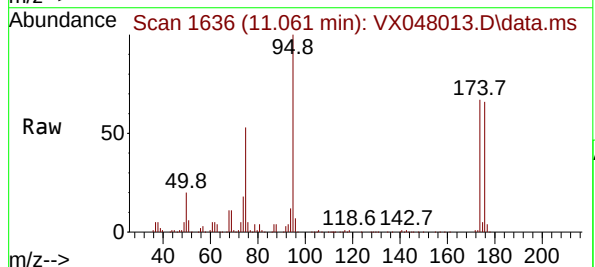
Tgt Ion: 95 Resp: 152712

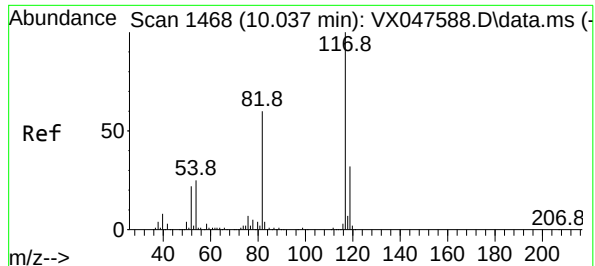
Ion Ratio Lower Upper

95 100

174 73.8 0.0 141.6

176 70.2 0.0 138.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.037 min Scan# 1468

Delta R.T. 0.000 min

Lab File: VX048013.D

Acq: 06 Oct 2025 11:13

Instrument :

MSVOA_X

ClientSampleId :

TB

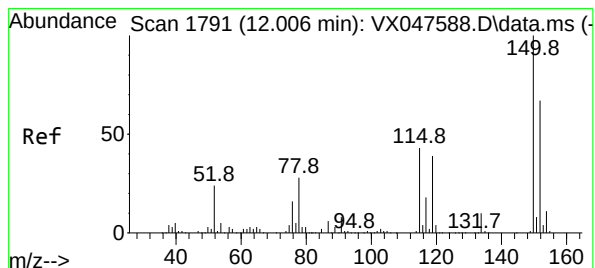
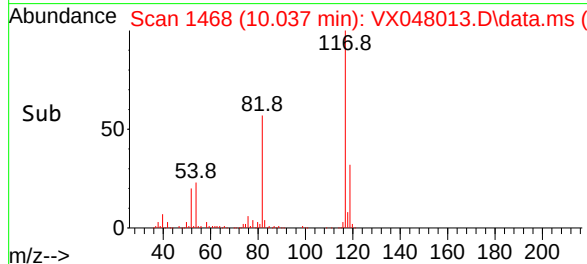
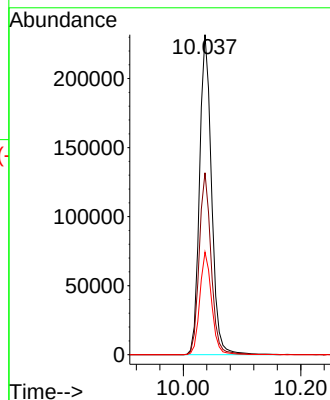
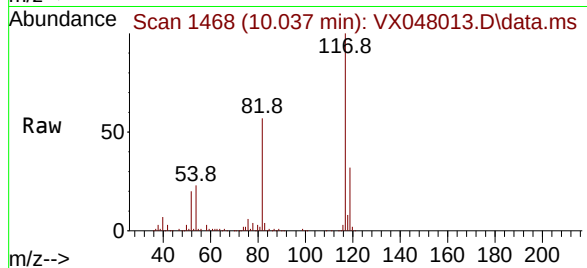
Tgt Ion:117 Resp: 327577

Ion Ratio Lower Upper

117 100

82 56.8 47.8 71.6

119 32.1 25.2 37.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VX048013.D

Acq: 06 Oct 2025 11:13

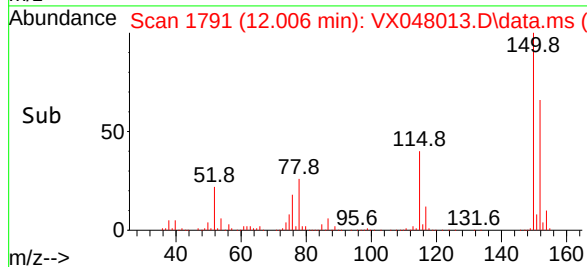
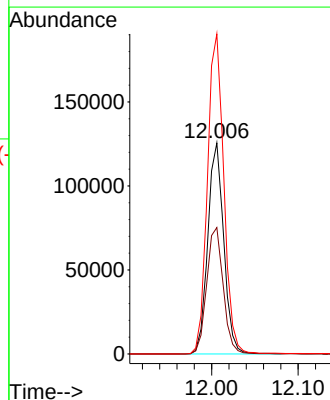
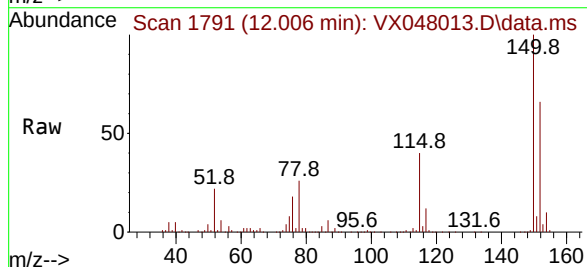
Tgt Ion:152 Resp: 161049

Ion Ratio Lower Upper

152 100

115 62.0 44.9 134.5

150 155.0 0.0 352.0





CALIBRATION SUMMARY



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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: LOCK01
 Lab Code: ACE SDG No.: Q3202
 Instrument ID: MSVOA_X Calibration Date(s): 09/16/2025 09/16/2025
 Heated Purge: (Y/N) N Calibration Time(s): 09:23 12:01
 GC Column: DB-624UI ID: 0.18 (mm)

LAB FILE ID:	RRF001 = VX047585.D	RRF005 = VX047586.D	RRF020 = VX047587.D					
	RRF050 = VX047588.D	RRF100 = VX047589.D	RRF150 = VX047590.D					
COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	RRF	% RSD
Vinyl Chloride	0.572	0.713	0.716	0.661	0.677	0.658	0.666	7.9
Chloroethane	0.433	0.450	0.469	0.443	0.450	0.426	0.445	3.4
Trichlorofluoromethane	0.865	1.033	1.038	0.995	1.018	0.986	0.989	6.5
1,1-Dichloroethene	0.526	0.612	0.618	0.604	0.609	0.596	0.594	5.7
Acrylonitrile	0.264	0.329	0.343	0.347	0.343	0.344	0.328	9.8
Acetone	0.343	0.416	0.400	0.317	0.302	0.299	0.346	14.7
Carbon Disulfide	1.555	1.735	1.758	1.566	1.589	1.555	1.626	5.8
Methylene Chloride	0.718	0.772	0.754	0.730	0.716	0.705	0.732	3.5
Vinyl Acetate	1.541	1.937	2.020	1.992	1.958	1.961	1.901	9.4
2-Butanone	0.370	0.470	0.473	0.439	0.414	0.424	0.432	9
Carbon Tetrachloride	0.482	0.574	0.555	0.539	0.526	0.518	0.532	6
cis-1,2-Dichloroethene	0.698	0.806	0.803	0.808	0.787	0.797	0.783	5.4
Bromochloromethane	0.457	0.607	0.450	0.577	0.587	0.630	0.551	14.2
Chloroform	1.034	1.364	1.366	1.323	1.282	1.288	1.276	9.7
1,1,1-Trichloroethane	0.901	1.123	1.141	1.127	1.100	1.103	1.082	8.3
Benzene	1.330	1.577	1.566	1.523	1.473	1.459	1.488	6.1
1,2-Dichloropropane	0.326	0.403	0.394	0.397	0.382	0.384	0.381	7.4
Dibromomethane	0.248	0.285	0.289	0.288	0.276	0.277	0.277	5.5
Bromodichloromethane	0.461	0.599	0.601	0.607	0.579	0.586	0.572	9.7
4-Methyl-2-Pentanone	0.390	0.493	0.503	0.511	0.479	0.487	0.477	9.3
Toluene	0.841	0.967	0.960	0.940	0.897	0.897	0.917	5.2
t-1,3-Dichloropropene	0.487	0.588	0.602	0.619	0.595	0.611	0.584	8.3
cis-1,3-Dichloropropene	0.513	0.652	0.644	0.653	0.637	0.644	0.624	8.7
2-Hexanone	0.274	0.374	0.372	0.360	0.333	0.343	0.343	10.8
Dibromochloromethane	0.321	0.414	0.431	0.435	0.421	0.422	0.407	10.5
1,2-Dibromoethane	0.287	0.379	0.384	0.379	0.364	0.367	0.360	10.1
Tetrachloroethene	0.299	0.354	0.342	0.326	0.320	0.314	0.326	6
Chlorobenzene	0.998	1.182	1.177	1.178	1.139	1.142	1.136	6.2
1,1,1,2-Tetrachloroethane	0.327	0.404	0.402	0.414	0.404	0.402	0.392	8.3
Ethyl Benzene	1.625	2.077	2.049	2.039	1.996	1.973	1.960	8.6

* 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: Alliance Contract: LOCK01
 Lab Code: ACE SDG No.: Q3202
 Instrument ID: MSVOA_X Calibration Date(s): 09/16/2025 09/16/2025
 Heated Purge: (Y/N) N Calibration Time(s): 09:23 12:01
 GC Column: DB-624UI ID: 0.18 (mm)

LAB FILE ID:		RRF001 = VX047585.D		RRF005 = VX047586.D		RRF020 = VX047587.D			
		RRF050 = VX047588.D		RRF100 = VX047589.D		RRF150 = VX047590.D			
COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	RRF	% RSD	
m/p-Xylenes	0.604	0.774	0.765	0.765	0.739	0.730	0.729	8.8	
o-Xylene	0.576	0.734	0.734	0.749	0.721	0.719	0.706	9.1	
Styrene	1.019	1.288	1.290	1.299	1.257	1.265	1.236	8.7	
Bromoform	0.221	0.293	0.301	0.313	0.312	0.317	0.293	12.4	
1,1,2,2-Tetrachloroethane	0.965	1.182	1.203	1.225	1.152	1.173	1.150	8.2	
1,2,3-Trichloropropane	0.847	1.023	1.073	1.128	0.939	1.064	1.012	10.1	
1,4-Dichlorobenzene	1.570	1.890	1.868	1.832	1.767	1.783	1.785	6.5	
1,2-Dichlorobenzene	1.359	1.691	1.757	1.746	1.696	1.692	1.657	9	
1,2-Dibromo-3-Chloropropane	0.173	0.218	0.242	0.254	0.250	0.260	0.233	14.1	
1,2-Dichloroethane-d4		0.884	0.647	0.770	0.815	0.863	0.796	11.8	
Dibromofluoromethane		0.356	0.266	0.331	0.355	0.368	0.335	12.3	
Toluene-d8		1.237	0.943	1.147	1.211	1.263	1.160	11.1	
4-Bromofluorobenzene		0.478	0.360	0.427	0.452	0.484	0.440	11.4	
Methyl Iodide		0.865	0.922	0.911	0.925	0.886	0.902	2.8	
trans-1,4-Dichloro-2-butene		0.347	0.381	0.414	0.420	0.424	0.397	8.3	

* 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.

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : 82X091625W.M
 Title : SW846 8260
 Last Update : Wed Sep 17 06:39:58 2025
 Response Via : Initial Calibration

Calibration Files

1 =VX047585.D 5 =VX047586.D 20 =VX047587.D 50 =VX047588.D 100 =VX047589.D 150 =VX047590.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.447	0.575	0.582	0.501	0.510	0.492	0.518	10.01
3) P	Chloromethane	0.610	0.749	0.739	0.661	0.677	0.647	0.680	7.92
4) C	Vinyl Chloride	0.572	0.713	0.716	0.661	0.677	0.658	0.666	7.87#
5) T	Bromomethane		0.493	0.451	0.424	0.423	0.321	0.422	15.01
6) T	Chloroethane	0.433	0.450	0.469	0.443	0.450	0.426	0.445	3.36
7) T	Trichlorofluor...	0.865	1.033	1.038	0.995	1.018	0.986	0.989	6.49
8) T	Diethyl Ether	0.372	0.405	0.413	0.409	0.420	0.409	0.405	4.17
9) T	1,1,2-Trichlor...	0.519	0.591	0.603	0.583	0.590	0.583	0.578	5.21
10) T	Methyl Iodide		0.865	0.922	0.911	0.925	0.886	0.902	2.85
11) T	Tert butyl alc...		0.085	0.086	0.089	0.090	0.094	0.089	4.18
12) CM	1,1-Dichloroet...	0.526	0.612	0.618	0.604	0.609	0.596	0.594	5.71#
13) T	Acrolein		0.071	0.069	0.082	0.089	0.097	0.082	14.59
14) T	Allyl chloride	1.194	1.267	1.249	1.211	1.226	1.207	1.226	2.25
15) T	Acrylonitrile	0.264	0.329	0.343	0.347	0.343	0.344	0.328	9.82
16) T	Acetone	0.343	0.416	0.400	0.317	0.302	0.299	0.346	14.67
17) T	Carbon Disulfide	1.555	1.735	1.758	1.566	1.589	1.555	1.626	5.80
18) T	Methyl Acetate	0.612	0.673	0.714	0.876	0.865	0.881	0.770	15.39
19) T	Methyl tert-bu...	1.884	2.238	2.221	2.247	2.212	2.209	2.169	6.47
20) T	Methylene Chlo...	0.718	0.772	0.754	0.730	0.716	0.705	0.732	3.45
21) T	trans-1,2-Dich...	0.543	0.703	0.665	0.649	0.643	0.635	0.640	8.28
22) T	Diisopropyl ether	1.976	2.531	2.487	2.477	2.398	2.384	2.376	8.56
23) T	Vinyl Acetate	1.541	1.937	2.020	1.992	1.958	1.961	1.901	9.41
24) P	1,1-Dichloroet...	1.090	1.325	1.299	1.297	1.287	1.278	1.263	6.81
25) T	2-Butanone	0.370	0.470	0.473	0.439	0.414	0.424	0.432	8.98
26) T	2,2-Dichloropr...	0.945	1.096	1.074	1.068	1.055	1.060	1.050	5.06
27) T	cis-1,2-Dichlo...	0.698	0.806	0.803	0.808	0.787	0.797	0.783	5.41
28) T	Bromochloromet...	0.457	0.607	0.450	0.577	0.587	0.630	0.551	14.18
29) T	Tetrahydrofuran	0.211	0.269	0.272	0.275	0.262	0.268	0.260	9.24
30) C	Chloroform	1.034	1.364	1.366	1.323	1.282	1.288	1.276	9.72#
31) T	Cyclohexane		1.161	1.092	1.030	0.984	0.993	1.052	7.08
32) T	1,1,1-Trichlor...	0.901	1.123	1.141	1.127	1.100	1.103	1.082	8.33
33) S	1,2-Dichloroet...		0.884	0.647	0.770	0.815	0.863	0.796	11.82
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.356	0.266	0.331	0.355	0.368	0.335	12.25
36) T	1,1-Dichloropr...	0.484	0.520	0.508	0.487	0.471	0.469	0.490	4.15
37) T	Ethyl Acetate	0.429	0.561	0.554	0.532	0.533	0.539	0.525	9.21
38) T	Carbon Tetrach...	0.482	0.574	0.555	0.539	0.526	0.518	0.532	5.99
39) T	Methylcyclohexane	0.490	0.589	0.591	0.565	0.548	0.554	0.556	6.60
40) TM	Benzene	1.330	1.577	1.566	1.523	1.473	1.459	1.488	6.11
41) T	Methacrylonitrile	0.236	0.264	0.286	0.286	0.282	0.271	0.271	7.13
42) TM	1,2-Dichloroet...	0.513	0.595	0.600	0.582	0.554	0.553	0.566	5.76
43) T	Isopropyl Acetate	0.751	0.882	0.889	0.897	0.865	0.879	0.860	6.34
44) TM	Trichloroethene	0.296	0.382	0.382	0.370	0.364	0.363	0.360	8.92
45) C	1,2-Dichloropr...	0.326	0.403	0.394	0.397	0.382	0.384	0.381	7.37#
46) T	Dibromomethane	0.248	0.285	0.289	0.288	0.276	0.277	0.277	5.54
47) T	Bromodichlorom...	0.461	0.599	0.601	0.607	0.579	0.586	0.572	9.65
48) T	Methyl methacr...	0.372	0.421	0.447	0.449	0.436	0.446	0.429	6.97
49) T	1,4-Dioxane	0.003	0.004	0.004	0.005	0.005	0.005	0.004	19.43
50) S	Toluene-d8		1.237	0.943	1.147	1.211	1.263	1.160	11.10
51) T	4-Methyl-2-Pen...	0.390	0.493	0.503	0.511	0.479	0.487	0.477	9.28
52) CM	Toluene	0.841	0.967	0.960	0.940	0.897	0.897	0.917	5.22#
53) T	t-1,3-Dichloro...	0.487	0.588	0.602	0.619	0.595	0.611	0.584	8.33
54) T	cis-1,3-Dichlo...	0.513	0.652	0.644	0.653	0.637	0.644	0.624	8.74
55) T	1,1,2-Trichlor...	0.323	0.365	0.371	0.367	0.344	0.351	0.354	5.10
56) T	Ethyl methacry...	0.407	0.563	0.587	0.599	0.580	0.595	0.555	13.25

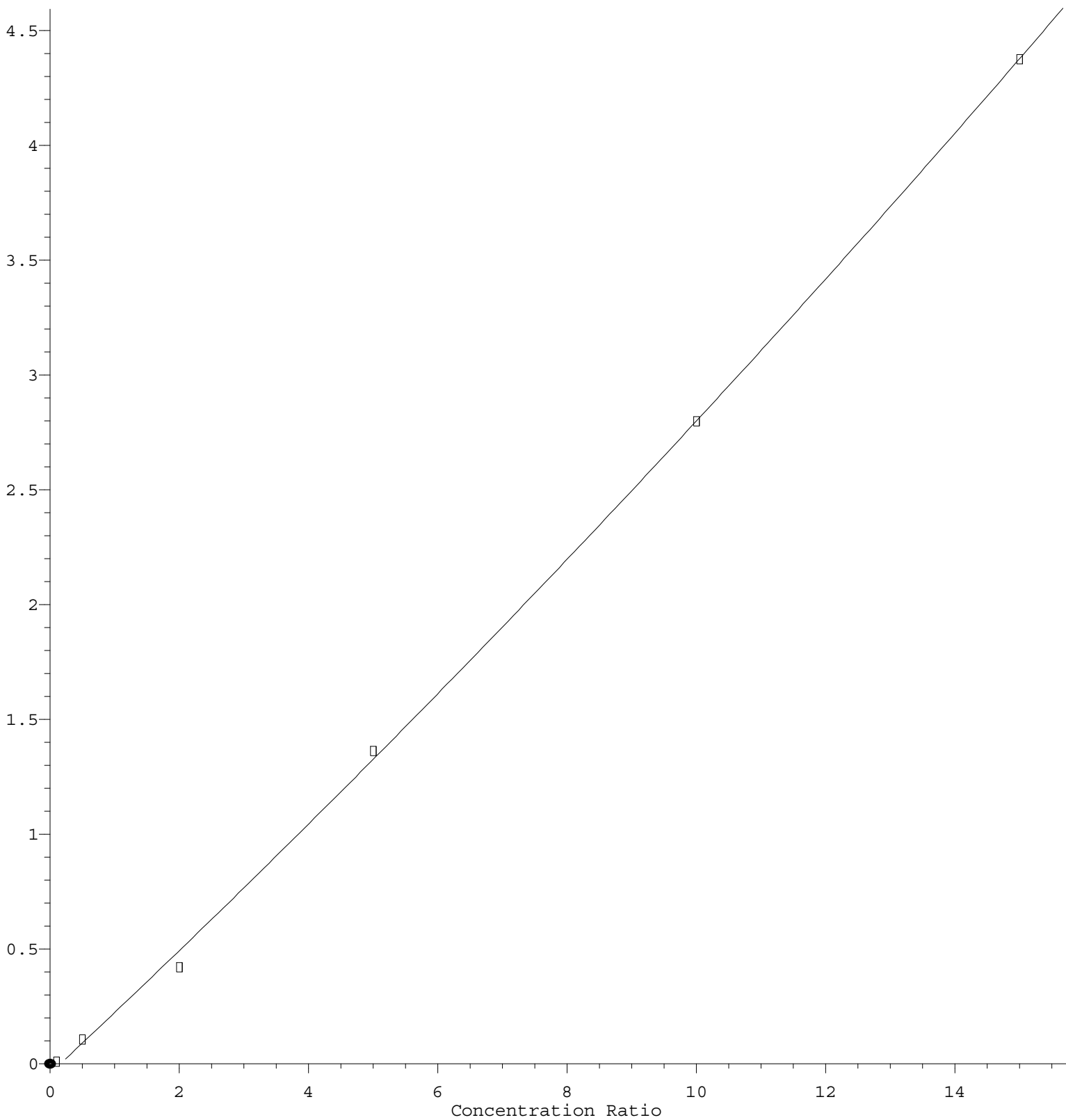
Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : 82X091625W.M

57)	T	1,3-Dichloropr...	0.507	0.648	0.636	0.638	0.607	0.609	0.607	8.51
58)	T	2-Chloroethyl ...	0.094	0.212	0.210	0.272	0.280	0.292	0.227	32.65
59)	T	2-Hexanone	0.274	0.374	0.372	0.360	0.333	0.343	0.343	10.82
60)	T	Dibromochlorom...	0.321	0.414	0.431	0.435	0.421	0.422	0.407	10.49
61)	T	1,2-Dibromoethane	0.287	0.379	0.384	0.379	0.364	0.367	0.360	10.10
62)	S	4-Bromofluorob...		0.478	0.360	0.427	0.452	0.484	0.440	11.42
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.299	0.354	0.342	0.326	0.320	0.314	0.326	6.03
65)	PM	Chlorobenzene	0.998	1.182	1.177	1.178	1.139	1.142	1.136	6.18
66)	T	1,1,1,2-Tetrac...	0.327	0.404	0.402	0.414	0.404	0.402	0.392	8.26
67)	C	Ethyl Benzene	1.625	2.077	2.049	2.039	1.996	1.973	1.960	8.57#
68)	T	m/p-Xylenes	0.604	0.774	0.765	0.765	0.739	0.730	0.729	8.77
69)	T	o-Xylene	0.576	0.734	0.734	0.749	0.721	0.719	0.706	9.13
70)	T	Styrene	1.019	1.288	1.290	1.299	1.257	1.265	1.236	8.70
71)	P	Bromoform	0.221	0.293	0.301	0.313	0.312	0.317	0.293	12.37
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.124	3.907	3.986	4.047	3.907	3.839	3.801	8.94
74)	T	N-amyl acetate	1.277	1.726	1.851	1.862	1.834	1.850	1.733	13.21
75)	P	1,1,2,2-Tetrac...	0.965	1.182	1.203	1.225	1.152	1.173	1.150	8.16
76)	T	1,2,3-Trichlor...	0.847	1.023	1.073	1.128	0.939	1.064	1.012	10.13
77)	T	Bromobenzene	0.760	0.964	0.992	0.988	0.960	0.954	0.936	9.38
78)	T	n-propylbenzene	3.680	4.667	4.739	4.792	4.581	4.504	4.494	9.17
79)	T	2-Chlorotoluene	2.276	2.859	2.935	2.915	2.798	2.730	2.752	8.91
80)	T	1,3,5-Trimethy...	2.458	3.235	3.311	3.343	3.221	3.171	3.123	10.62
81)	T	trans-1,4-Dich...		0.347	0.381	0.414	0.420	0.424	0.397	8.31
82)	T	4-Chlorotoluene	2.754	3.347	3.410	3.433	3.285	3.275	3.251	7.74
83)	T	tert-Butylbenzene	2.800	3.223	3.346	3.359	3.240	3.215	3.197	6.39
84)	T	1,2,4-Trimethy...	2.522	3.302	3.381	3.344	3.234	3.216	3.166	10.17
85)	T	sec-Butylbenzene	3.110	4.001	3.945	4.028	3.867	3.834	3.797	9.09
86)	T	p-Isopropyltol...	2.660	3.372	3.371	3.419	3.263	3.205	3.215	8.81
87)	T	1,3-Dichlorobe...	1.462	1.800	1.829	1.817	1.768	1.758	1.739	7.95
88)	T	1,4-Dichlorobe...	1.570	1.890	1.868	1.832	1.767	1.783	1.785	6.47
89)	T	n-Butylbenzene	2.429	3.070	3.114	3.139	3.098	2.999	2.975	9.14
90)	T	Hexachloroethane	0.434	0.565	0.574	0.593	0.606	0.614	0.564	11.81
91)	T	1,2-Dichlorobe...	1.359	1.691	1.757	1.746	1.696	1.692	1.657	8.97
92)	T	1,2-Dibromo-3-...	0.173	0.218	0.242	0.254	0.250	0.260	0.233	14.07
93)	T	1,2,4-Trichlor...	0.831	1.099	1.107	1.156	1.140	1.126	1.077	11.34
94)	T	Hexachlorobuta...	0.341	0.377	0.361	0.384	0.377	0.354	0.366	4.51
95)	T	Naphthalene	2.503	3.153	3.410	3.539	3.496	3.571	3.279	12.46
96)	T	1,2,3-Trichlor...	0.753	0.986	1.031	1.088	1.078	1.073	1.002	12.72

(#) = Out of Range

2-Chloroethyl Vinyl ether

Response Ratio



$R = 2.100e-003 A^2 + 2.631e-001 A - 4.158e-002$
 Coef of Det (r^2) = 0.999517 Curve Fit: Quadratic
 Method Name: Z:\voasrv\HPCHEM1\MSVOA X\Method\82X091625W.M
 Calibration Table Last Updated: Wed Sep 17 06:39:58 2025

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
 Data File : VX047585.D
 Acq On : 16 Sep 2025 09:23
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/17/2025
 Supervised By : Mahesh Dadoda 09/18/2025

Quant Time: Sep 17 06:09:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:04:35 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.537	168	246348	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	451502	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	410953	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	201976	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	78 - 117	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	92 - 112	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	83 - 123	Recovery	=	0.000%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.179	85	2201	0.863	ug/l	96
3) Chloromethane	1.300	50	3006	0.897	ug/l #	82
4) Vinyl Chloride	1.386	62	2818	0.859	ug/l	95
6) Chloroethane	1.697	64	2134	0.973	ug/l	95
7) Trichlorofluoromethane	1.898	101	4261	0.874	ug/l	88
8) Diethyl Ether	2.130	74	1831	0.919	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.337	101	2555	0.897	ug/l	93
12) 1,1-Dichloroethene	2.325	96	2594	0.886	ug/l #	80
14) Allyl chloride	2.666	41	5885	0.974	ug/l	94
15) Acrylonitrile	3.062	53	6500	4.018	ug/l	97
16) Acetone	2.380	43	8444	4.953	ug/l	99
17) Carbon Disulfide	2.520	76	7662	0.956	ug/l #	91
18) Methyl Acetate	2.703	43	3013	0.794	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	9281	0.869	ug/l #	89
20) Methylene Chloride	2.788	84	3540	0.981	ug/l	93
21) trans-1,2-Dichloroethene	3.099	96	2676	0.849	ug/l	95
22) Diisopropyl ether	3.751	45	9738	0.832	ug/l #	87
23) Vinyl Acetate	3.715	43	37962	4.052	ug/l	97
24) 1,1-Dichloroethane	3.611	63	5372	0.863	ug/l	95
25) 2-Butanone	4.550	43	9105	4.281	ug/l #	83
26) 2,2-Dichloropropane	4.477	77	4657	0.901	ug/l	77
27) cis-1,2-Dichloroethene	4.477	96	3440	0.891	ug/l	96
28) Bromochloromethane	4.879	49	2251	0.829	ug/l #	93
29) Tetrahydrofuran	4.995	42	5210	4.072	ug/l	98
30) Chloroform	5.074	83	5093	0.810	ug/l	86
32) 1,1,1-Trichloroethane	5.373	97	4439	0.832	ug/l #	47
36) 1,1-Dichloropropene	5.672	75	4373	0.988	ug/l #	69
37) Ethyl Acetate	4.702	43	3873	0.818	ug/l #	91
38) Carbon Tetrachloride	5.659	117	4349	0.905	ug/l	95
39) Methylcyclohexane	7.360	83	4428	0.882	ug/l	94
40) Benzene	6.025	78	12012	0.894	ug/l	98
41) Methacrylonitrile	4.903	41	2128	0.870	ug/l #	63
42) 1,2-Dichloroethane	6.062	62	4634	0.906	ug/l	80
43) Isopropyl Acetate	6.318	43	6784	0.873	ug/l	94
44) Trichloroethene	7.110	130	2677	0.824	ug/l	78
45) 1,2-Dichloropropane	7.415	63	2945	0.856	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
 Data File : VX047585.D
 Acq On : 16 Sep 2025 09:23
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/17/2025
 Supervised By : Mahesh Dadoda 09/18/2025

Quant Time: Sep 17 06:09:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:04:35 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	7.574	93	2240	0.895	ug/l	94
47) Bromodichloromethane	7.805	83	4167	0.806	ug/l #	92
48) Methyl methacrylate	7.683	41	3355	0.867	ug/l #	87
49) 1,4-Dioxane	7.653	88	488m	12.477	ug/l	
51) 4-Methyl-2-Pentanone	8.555	43	17596	4.085	ug/l	95
52) Toluene	8.708	92	7595	0.917	ug/l	92
53) t-1,3-Dichloropropene	8.964	75	4398	0.834	ug/l #	82
54) cis-1,3-Dichloropropene	8.354	75	4635	0.823	ug/l #	76
55) 1,1,2-Trichloroethane	9.134	97	2918	0.914	ug/l	95
56) Ethyl methacrylate	9.104	69	3679	0.734	ug/l #	84
57) 1,3-Dichloropropane	9.293	76	4580	0.835	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.226	63	4222	9.665	ug/l	99
59) 2-Hexanone	9.415	43	12385	4.003	ug/l	98
60) Dibromochloromethane	9.506	129	2903	0.789	ug/l	87
61) 1,2-Dibromoethane	9.592	107	2596	0.798	ug/l	96
64) Tetrachloroethene	9.256	164	2457	0.917	ug/l	83
65) Chlorobenzene	10.061	112	8202	0.879	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.140	131	2684	0.833	ug/l #	66
67) Ethyl Benzene	10.177	91	13360	0.829	ug/l	98
68) m/p-Xylenes	10.287	106	9922	1.655	ug/l	99
69) o-Xylene	10.622	106	4734	0.816	ug/l	94
70) Styrene	10.640	104	8377	0.824	ug/l	96
71) Bromoform	10.787	173	1816	0.755	ug/l #	94
73) Isopropylbenzene	10.945	105	12618	0.822	ug/l	96
74) N-amyl acetate	10.829	43	5159	0.737	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.195	83	3900	0.839	ug/l	96
76) 1,2,3-Trichloropropane	11.225	75	3421m	0.816	ug/l	
77) Bromobenzene	11.183	156	3069	0.811	ug/l	98
78) n-propylbenzene	11.286	91	14866	0.819	ug/l	99
79) 2-Chlorotoluene	11.347	91	9195	0.827	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	9929	0.787	ug/l	99
82) 4-Chlorotoluene	11.439	91	11123	0.847	ug/l	95
83) tert-Butylbenzene	11.695	119	11311	0.876	ug/l	97
84) 1,2,4-Trimethylbenzene	11.731	105	10187	0.796	ug/l	100
85) sec-Butylbenzene	11.872	105	12561	0.819	ug/l	99
86) p-Isopropyltoluene	11.994	119	10744	0.827	ug/l	92
87) 1,3-Dichlorobenzene	11.951	146	5907	0.841	ug/l	98
88) 1,4-Dichlorobenzene	12.024	146	6341m	0.880	ug/l	
89) n-Butylbenzene	12.317	91	9811	0.816	ug/l	97
90) Hexachloroethane	12.524	117	1752	0.768	ug/l	97
91) 1,2-Dichlorobenzene	12.317	146	5491	0.820	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.926	75	698	0.742	ug/l	93
93) 1,2,4-Trichlorobenzene	13.567	180	3358	0.772	ug/l	95
94) Hexachlorobutadiene	13.707	225	1378	0.933	ug/l	93
95) Naphthalene	13.756	128	10112	0.763	ug/l	98
96) 1,2,3-Trichlorobenzene	13.944	180	3043	0.752	ug/l	98

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

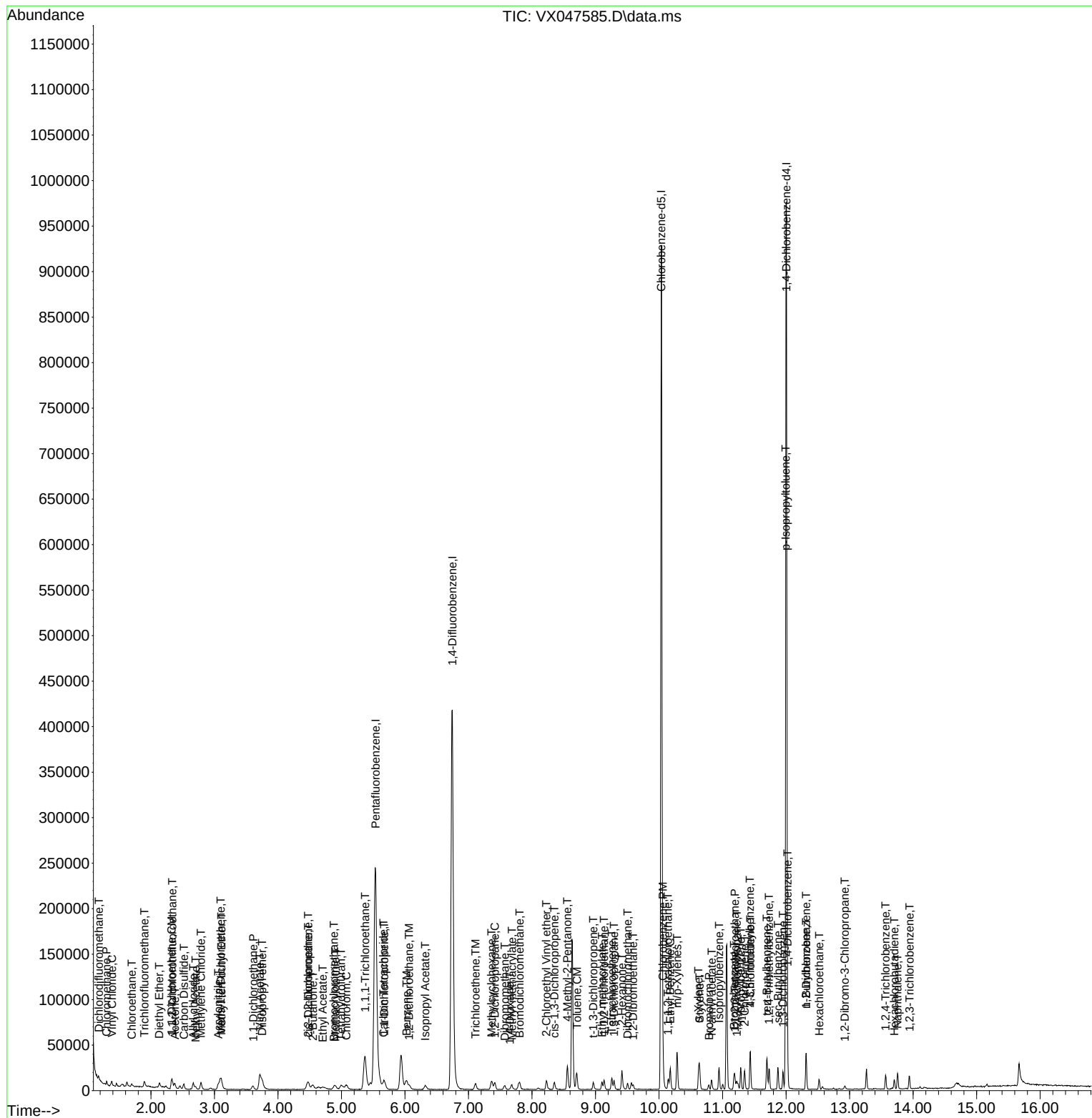
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047585.D
Acq On : 16 Sep 2025 09:23
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Quant Time: Sep 17 06:09:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
 Data File : VX047586.D
 Acq On : 16 Sep 2025 10:16
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/17/2025
 Supervised By : Mahesh Dadoda 09/18/2025

Quant Time: Sep 17 06:10:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:04:35 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.538	168	198376	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	355026	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	317288	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	156219	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	17538	5.554	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	11.100%#		
35) Dibromofluoromethane	5.373	113	12647	5.312	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.620%#		
50) Toluene-d8	8.635	98	43926	5.332	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	10.660%#		
62) 4-Bromofluorobenzene	11.061	95	16974	5.429	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	10.860%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	11403	5.551	ug/l	93
3) Chloromethane	1.301	50	14854	5.502	ug/l	99
4) Vinyl Chloride	1.380	62	14147	5.353	ug/l	97
5) Bromomethane	1.618	94	9780	5.836	ug/l	87
6) Chloroethane	1.697	64	8926	5.053	ug/l	96
7) Trichlorofluoromethane	1.898	101	20497	5.223	ug/l	100
8) Diethyl Ether	2.136	74	8039	5.008	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	11729	5.112	ug/l	98
10) Methyl Iodide	2.453	142	17159	4.795	ug/l	98
11) Tert butyl alcohol	2.947	59	8399	23.883	ug/l	99
12) 1,1-Dichloroethene	2.325	96	12131	5.147	ug/l	91
13) Acrolein	2.239	56	7080	21.847	ug/l	95
14) Allyl chloride	2.666	41	25135	5.168	ug/l	99
15) Acrylonitrile	3.062	53	32587	25.016	ug/l	99
16) Acetone	2.374	43	41297	30.079	ug/l	97
17) Carbon Disulfide	2.514	76	34426	5.335	ug/l	100
18) Methyl Acetate	2.703	43	13357	4.371	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	44396	5.160	ug/l	98
20) Methylene Chloride	2.788	84	15307	5.267	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	13937	5.492	ug/l	97
22) Diisopropyl ether	3.757	45	50213	5.327	ug/l	98
23) Vinyl Acetate	3.715	43	192175	25.474	ug/l	99
24) 1,1-Dichloroethane	3.611	63	26292	5.248	ug/l	97
25) 2-Butanone	4.544	43	46651	27.240	ug/l	92
26) 2,2-Dichloropropane	4.465	77	21738	5.220	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	15996	5.147	ug/l	98
28) Bromochloromethane	4.891	49	12047	5.508	ug/l	95
29) Tetrahydrofuran	4.995	42	26729	25.944	ug/l	92
30) Chloroform	5.080	83	27054	5.344	ug/l	99
31) Cyclohexane	5.458	56	23032	5.520	ug/l	94
32) 1,1,1-Trichloroethane	5.367	97	22279	5.188	ug/l	96
36) 1,1-Dichloropropene	5.684	75	18455	5.304	ug/l	98
37) Ethyl Acetate	4.708	43	19913	5.345	ug/l #	97
38) Carbon Tetrachloride	5.666	117	20376	5.390	ug/l	96
39) Methylcyclohexane	7.367	83	20900	5.292	ug/l	97
40) Benzene	6.019	78	55996	5.299	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
 Data File : VX047586.D
 Acq On : 16 Sep 2025 10:16
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/17/2025
 Supervised By : Mahesh Dadoda 09/18/2025

Quant Time: Sep 17 06:10:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:04:35 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.904	41	9390	4.883	ug/l	95
42) 1,2-Dichloroethane	6.074	62	21117	5.252	ug/l	99
43) Isopropyl Acetate	6.324	43	31304	5.124	ug/l	99
44) Trichloroethene	7.111	130	13576	5.314	ug/l	97
45) 1,2-Dichloropropane	7.415	63	14305	5.287	ug/l	99
46) Dibromomethane	7.568	93	10133	5.146	ug/l	99
47) Bromodichloromethane	7.806	83	21270	5.235	ug/l	99
48) Methyl methacrylate	7.677	41	14959	4.915	ug/l	99
49) 1,4-Dioxane	7.653	88	3017	98.096	ug/l #	90
51) 4-Methyl-2-Pentanone	8.555	43	87492	25.828	ug/l	100
52) Toluene	8.702	92	34314	5.271	ug/l	98
53) t-1,3-Dichloropropene	8.964	75	20863	5.034	ug/l	97
54) cis-1,3-Dichloropropene	8.354	75	23157	5.227	ug/l	98
55) 1,1,2-Trichloroethane	9.135	97	12968	5.166	ug/l	91
56) Ethyl methacrylate	9.104	69	19980	5.068	ug/l	97
57) 1,3-Dichloropropane	9.293	76	22989	5.331	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.226	63	37585	27.899	ug/l	98
59) 2-Hexanone	9.415	43	66356	27.275	ug/l	99
60) Dibromochloromethane	9.506	129	14705	5.084	ug/l	95
61) 1,2-Dibromoethane	9.592	107	13461	5.264	ug/l	98
64) Tetrachloroethene	9.256	164	11228	5.428	ug/l	97
65) Chlorobenzene	10.061	112	37507	5.203	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.147	131	12807	5.149	ug/l	99
67) Ethyl Benzene	10.177	91	65908	5.299	ug/l	100
68) m/p-Xylenes	10.287	106	49132	10.613	ug/l	99
69) o-Xylene	10.628	106	23300	5.204	ug/l	98
70) Styrene	10.640	104	40872	5.210	ug/l	99
71) Bromoform	10.781	173	9298	5.006	ug/l #	97
73) Isopropylbenzene	10.945	105	61029	5.139	ug/l	100
74) N-amyl acetate	10.823	43	26969	4.980	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.195	83	18462	5.138	ug/l	98
76) 1,2,3-Trichloropropane	11.220	75	15982m	4.927	ug/l	
77) Bromobenzene	11.183	156	15066	5.150	ug/l	99
78) n-propylbenzene	11.287	91	72900	5.192	ug/l	100
79) 2-Chlorotoluene	11.348	91	44663	5.194	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	50535	5.179	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	5413	4.364	ug/l	91
82) 4-Chlorotoluene	11.439	91	52294	5.149	ug/l	100
83) tert-Butylbenzene	11.695	119	50350	5.041	ug/l	99
84) 1,2,4-Trimethylbenzene	11.732	105	51583	5.214	ug/l	100
85) sec-Butylbenzene	11.872	105	62507	5.268	ug/l	99
86) p-Isopropyltoluene	11.994	119	52674	5.244	ug/l	98
87) 1,3-Dichlorobenzene	11.951	146	28116	5.175	ug/l	100
88) 1,4-Dichlorobenzene	12.024	146	29519	5.294	ug/l	93
89) n-Butylbenzene	12.317	91	47953	5.159	ug/l	99
90) Hexachloroethane	12.518	117	8830	5.007	ug/l	100
91) 1,2-Dichlorobenzene	12.317	146	26409	5.102	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	3412	4.690	ug/l	99
93) 1,2,4-Trichlorobenzene	13.567	180	17167	5.103	ug/l	98
94) Hexachlorobutadiene	13.707	225	5894	5.158	ug/l	99
95) Naphthalene	13.756	128	49257	4.808	ug/l	99
96) 1,2,3-Trichlorobenzene	13.939	180	15400	4.921	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047586.D
Acq On : 16 Sep 2025 10:16
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Quant Time: Sep 17 06:10:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

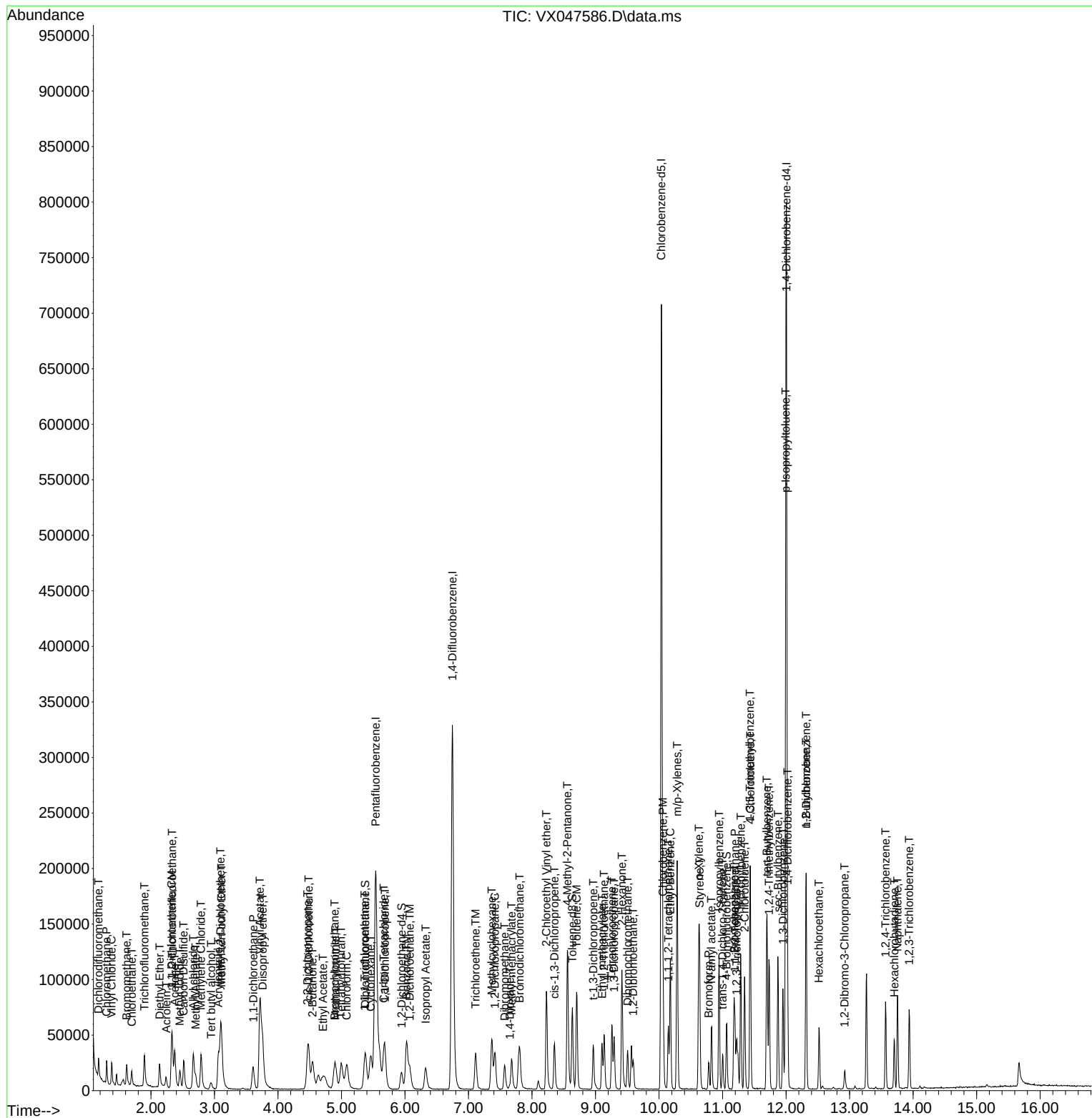
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
 Data File : VX047587.D
 Acq On : 16 Sep 2025 10:37
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/17/2025
 Supervised By : Mahesh Dadoda 09/18/2025

Quant Time: Sep 17 06:12:03 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:04:35 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.537	168	189559	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	336287	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	298629	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	141590	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	49073	16.264	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	32.520%#		
35) Dibromofluoromethane	5.379	113	35788	15.868	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	31.740%#		
50) Toluene-d8	8.634	98	126875	16.258	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	32.520%#		
62) 4-Bromofluorobenzene	11.067	95	48454	16.360	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	32.720%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.179	85	44126	22.480	ug/l	100
3) Chloromethane	1.300	50	56023	21.716	ug/l	96
4) Vinyl Chloride	1.386	62	54256	21.485	ug/l	96
5) Bromomethane	1.617	94	34193	21.353	ug/l	100
6) Chloroethane	1.697	64	35551	21.063	ug/l	97
7) Trichlorofluoromethane	1.898	101	78667	20.980	ug/l	100
8) Diethyl Ether	2.136	74	31335	20.429	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.337	101	45733	20.859	ug/l	98
10) Methyl Iodide	2.459	142	69935	20.452	ug/l	99
11) Tert butyl alcohol	2.946	59	32456	96.582	ug/l	98
12) 1,1-Dichloroethene	2.325	96	46863	20.808	ug/l	96
13) Acrolein	2.239	56	26159	84.473	ug/l	100
14) Allyl chloride	2.666	41	94710	20.379	ug/l	97
15) Acrylonitrile	3.062	53	130143	104.554	ug/l	99
16) Acetone	2.373	43	151538	115.507	ug/l	100
17) Carbon Disulfide	2.520	76	133296	21.620	ug/l	98
18) Methyl Acetate	2.703	43	54120	18.536	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	168426	20.486	ug/l	98
20) Methylene Chloride	2.788	84	57153	20.581	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	50413	20.791	ug/l	94
22) Diisopropyl ether	3.757	45	188598	20.940	ug/l	96
23) Vinyl Acetate	3.715	43	765675	106.218	ug/l	100
24) 1,1-Dichloroethane	3.605	63	98509	20.578	ug/l	99
25) 2-Butanone	4.538	43	179487	109.679	ug/l	94
26) 2,2-Dichloropropane	4.471	77	81413	20.459	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	60865	20.497	ug/l	98
28) Bromochloromethane	4.891	49	34085	16.309	ug/l	100
29) Tetrahydrofuran	4.995	42	102935	104.560	ug/l	97
30) Chloroform	5.080	83	103586	21.413	ug/l	99
31) Cyclohexane	5.464	56	82770	20.759	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	86500	21.081	ug/l	99
36) 1,1-Dichloropropene	5.684	75	68395	20.754	ug/l	99
37) Ethyl Acetate	4.702	43	74499	21.113	ug/l	96
38) Carbon Tetrachloride	5.665	117	74636	20.844	ug/l	95
39) Methylcyclohexane	7.366	83	79499	21.251	ug/l	98
40) Benzene	6.025	78	210711	21.051	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
 Data File : VX047587.D
 Acq On : 16 Sep 2025 10:37
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/17/2025
 Supervised By : Mahesh Dadoda 09/18/2025

Quant Time: Sep 17 06:12:03 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:04:35 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	38525	21.148	ug/l	99
42) 1,2-Dichloroethane	6.074	62	80646	21.175	ug/l	99
43) Isopropyl Acetate	6.324	43	119623	20.670	ug/l	100
44) Trichloroethene	7.110	130	51369	21.228	ug/l	97
45) 1,2-Dichloropropane	7.415	63	53046	20.697	ug/l	97
46) Dibromomethane	7.568	93	38910	20.862	ug/l	99
47) Bromodichloromethane	7.805	83	80831	21.002	ug/l	98
48) Methyl methacrylate	7.677	41	60182	20.877	ug/l	98
49) 1,4-Dioxane	7.647	88	12047	413.530	ug/l	95
51) 4-Methyl-2-Pentanone	8.561	43	338370	105.456	ug/l	100
52) Toluene	8.708	92	129193	20.950	ug/l	99
53) t-1,3-Dichloropropene	8.964	75	80972	20.625	ug/l	100
54) cis-1,3-Dichloropropene	8.354	75	86648	20.650	ug/l	99
55) 1,1,2-Trichloroethane	9.140	97	49857	20.967	ug/l	98
56) Ethyl methacrylate	9.104	69	79011	21.158	ug/l	99
57) 1,3-Dichloropropane	9.293	76	85511	20.934	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.226	63	141395	86.617	ug/l	100
59) 2-Hexanone	9.415	43	250007	108.488	ug/l	99
60) Dibromochloromethane	9.506	129	57994	21.167	ug/l	99
61) 1,2-Dibromoethane	9.598	107	51614	21.310	ug/l	99
64) Tetrachloroethene	9.262	164	40840	20.979	ug/l	95
65) Chlorobenzene	10.061	112	140642	20.731	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.146	131	48022	20.513	ug/l	99
67) Ethyl Benzene	10.177	91	244737	20.907	ug/l	98
68) m/p-Xylenes	10.287	106	182778	41.951	ug/l	100
69) o-Xylene	10.628	106	87651	20.799	ug/l	98
70) Styrene	10.640	104	154077	20.866	ug/l	99
71) Bromoform	10.780	173	35922	20.550	ug/l #	98
73) Isopropylbenzene	10.945	105	225730	20.970	ug/l	99
74) N-amyl acetate	10.829	43	104823	21.354	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.195	83	68132	20.920	ug/l	99
76) 1,2,3-Trichloropropane	11.225	75	60797m	20.680	ug/l	
77) Bromobenzene	11.183	156	56161	21.183	ug/l	99
78) n-propylbenzene	11.286	91	268399	21.092	ug/l	100
79) 2-Chlorotoluene	11.347	91	166237	21.329	ug/l	100
80) 1,3,5-Trimethylbenzene	11.433	105	187513	21.202	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.000	75	21553	19.173	ug/l	96
82) 4-Chlorotoluene	11.439	91	193122	20.980	ug/l	100
83) tert-Butylbenzene	11.695	119	189484	20.929	ug/l	100
84) 1,2,4-Trimethylbenzene	11.738	105	191477	21.355	ug/l	98
85) sec-Butylbenzene	11.872	105	223434	20.777	ug/l	100
86) p-Isopropyltoluene	11.994	119	190931	20.972	ug/l	98
87) 1,3-Dichlorobenzene	11.951	146	103584	21.035	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	105819	20.937	ug/l	99
89) n-Butylbenzene	12.317	91	176373	20.937	ug/l	99
90) Hexachloroethane	12.518	117	32526	20.349	ug/l	98
91) 1,2-Dichlorobenzene	12.317	146	99493	21.207	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.926	75	13729	20.821	ug/l	96
93) 1,2,4-Trichlorobenzene	13.567	180	62722	20.571	ug/l	96
94) Hexachlorobutadiene	13.707	225	20456	19.751	ug/l	98
95) Naphthalene	13.756	128	193134	20.801	ug/l	99
96) 1,2,3-Trichlorobenzene	13.938	180	58409	20.593	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047587.D
Acq On : 16 Sep 2025 10:37
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Quant Time: Sep 17 06:12:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

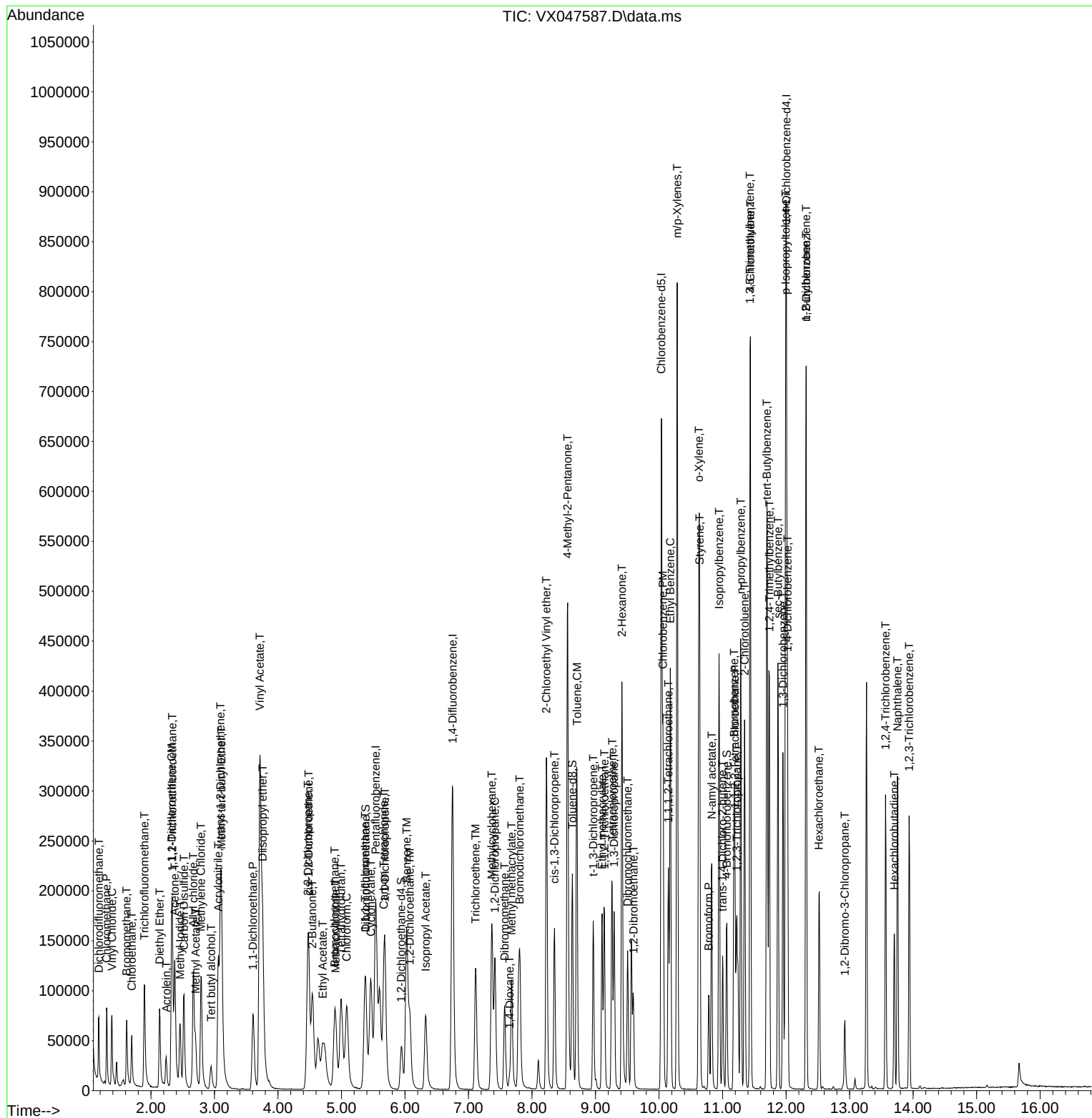
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
 Data File : VX047588.D
 Acq On : 16 Sep 2025 10:58
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/17/2025
 Supervised By : Mahesh Dadoda 09/18/2025

Quant Time: Sep 17 06:13:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:04:35 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	173407	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	307383	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	270040	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	127732	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	133606	48.404	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.800%		
35) Dibromofluoromethane	5.373	113	101627	49.298	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.600%		
50) Toluene-d8	8.635	98	352578	49.428	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.860%		
62) 4-Bromofluorobenzene	11.061	95	131217	48.471	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.940%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	86824	48.352	ug/l	100
3) Chloromethane	1.301	50	114682	48.594	ug/l	100
4) Vinyl Chloride	1.380	62	114666	49.635	ug/l	100
5) Bromomethane	1.618	94	73561	50.216	ug/l	100
6) Chloroethane	1.697	64	76736	49.698	ug/l	100
7) Trichlorofluoromethane	1.898	101	172561	50.307	ug/l	100
8) Diethyl Ether	2.136	74	70874	50.510	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.337	101	101178	50.445	ug/l	100
10) Methyl Iodide	2.459	142	158046	50.525	ug/l	100
11) Tert butyl alcohol	2.941	59	77232	251.232	ug/l	100
12) 1,1-Dichloroethene	2.325	96	104724	50.831	ug/l	100
13) Acrolein	2.239	56	70721	249.645	ug/l	100
14) Allyl chloride	2.666	41	210001	49.396	ug/l	100
15) Acrylonitrile	3.063	53	300642	264.027	ug/l	100
16) Acetone	2.374	43	275065	229.193	ug/l	100
17) Carbon Disulfide	2.520	76	271480	48.133	ug/l	100
18) Methyl Acetate	2.703	43	151968	56.897	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	389607	51.804	ug/l	100
20) Methylene Chloride	2.788	84	126506	49.798	ug/l	100
21) trans-1,2-Dichloroethene	3.093	96	112553	50.743	ug/l	100
22) Diisopropyl ether	3.758	45	429524	52.131	ug/l	100
23) Vinyl Acetate	3.715	43	1726735	261.852	ug/l	100
24) 1,1-Dichloroethane	3.605	63	224824	51.338	ug/l	100
25) 2-Butanone	4.538	43	380335	254.060	ug/l	100
26) 2,2-Dichloropropane	4.465	77	185247	50.888	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	140105	51.576	ug/l	100
28) Bromochloromethane	4.891	49	99991	52.301	ug/l	100
29) Tetrahydrofuran	4.989	42	238677	265.026	ug/l	100
30) Chloroform	5.080	83	229430	51.844	ug/l	100
31) Cyclohexane	5.458	56	178546	48.952	ug/l	100
32) 1,1,1-Trichloroethane	5.373	97	195407	52.058	ug/l	100
36) 1,1-Dichloropropene	5.684	75	149800	49.729	ug/l	100
37) Ethyl Acetate	4.702	43	163482	50.687	ug/l	100
38) Carbon Tetrachloride	5.672	117	165730	50.637	ug/l	100
39) Methylcyclohexane	7.367	83	173610	50.773	ug/l	100
40) Benzene	6.025	78	468136	51.167	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
 Data File : VX047588.D
 Acq On : 16 Sep 2025 10:58
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/17/2025
 Supervised By : Mahesh Dadoda 09/18/2025

Quant Time: Sep 17 06:13:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:04:35 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.904	41	87761	52.707	ug/l	100
42) 1,2-Dichloroethane	6.074	62	179037	51.431	ug/l	100
43) Isopropyl Acetate	6.324	43	275572	52.096	ug/l	100
44) Trichloroethene	7.111	130	113832	51.463	ug/l	100
45) 1,2-Dichloropropane	7.415	63	122109	52.122	ug/l	100
46) Dibromomethane	7.568	93	88505	51.914	ug/l	100
47) Bromodichloromethane	7.806	83	186540	53.025	ug/l	100
48) Methyl methacrylate	7.678	41	138167	52.438	ug/l	100
49) 1,4-Dioxane	7.647	88	29496	1107.698	ug/l	100
51) 4-Methyl-2-Pentanone	8.562	43	784978	267.650	ug/l	100
52) Toluene	8.702	92	288853	51.244	ug/l	100
53) t-1,3-Dichloropropene	8.964	75	190282	53.027	ug/l	100
54) cis-1,3-Dichloropropene	8.354	75	200859	52.369	ug/l	100
55) 1,1,2-Trichloroethane	9.135	97	112837	51.915	ug/l	100
56) Ethyl methacrylate	9.104	69	184087	53.930	ug/l	100
57) 1,3-Dichloropropane	9.293	76	195989	52.492	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.226	63	418707	256.309	ug/l	100
59) 2-Hexanone	9.415	43	553313	262.683	ug/l	100
60) Dibromochloromethane	9.506	129	133737	53.401	ug/l	100
61) 1,2-Dibromoethane	9.592	107	116462	52.607	ug/l	100
64) Tetrachloroethene	9.257	164	88149	50.074	ug/l	100
65) Chlorobenzene	10.061	112	317982	51.833	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.147	131	111849	52.835	ug/l	100
67) Ethyl Benzene	10.177	91	550610	52.017	ug/l	100
68) m/p-Xylenes	10.287	106	412932	104.809	ug/l	100
69) o-Xylene	10.622	106	202291	53.084	ug/l	100
70) Styrene	10.640	104	350654	52.515	ug/l	100
71) Bromoform	10.781	173	84485	53.447	ug/l #	100
73) Isopropylbenzene	10.945	105	516891	53.227	ug/l	100
74) N-amyl acetate	10.829	43	237846	53.710	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.195	83	156454	53.251	ug/l	100
76) 1,2,3-Trichloropropane	11.220	75	144074m	54.322	ug/l	
77) Bromobenzene	11.183	156	126174	52.754	ug/l	100
78) n-propylbenzene	11.287	91	612035	53.315	ug/l	100
79) 2-Chlorotoluene	11.348	91	372397	52.965	ug/l	100
80) 1,3,5-Trimethylbenzene	11.433	105	426989	53.518	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.000	75	52927	52.190	ug/l	100
82) 4-Chlorotoluene	11.439	91	438502	52.806	ug/l	100
83) tert-Butylbenzene	11.695	119	429107	52.539	ug/l	100
84) 1,2,4-Trimethylbenzene	11.732	105	427073	52.798	ug/l	100
85) sec-Butylbenzene	11.872	105	514442	53.029	ug/l	100
86) p-Isopropyltoluene	11.994	119	436704	53.172	ug/l	100
87) 1,3-Dichlorobenzene	11.951	146	232038	52.232	ug/l	100
88) 1,4-Dichlorobenzene	12.024	146	233975	51.316	ug/l	100
89) n-Butylbenzene	12.311	91	400997	52.766	ug/l	100
90) Hexachloroethane	12.518	117	75800	52.567	ug/l	100
91) 1,2-Dichlorobenzene	12.317	146	222993	52.688	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.921	75	32451	54.554	ug/l	100
93) 1,2,4-Trichlorobenzene	13.567	180	147670	53.685	ug/l	100
94) Hexachlorobutadiene	13.707	225	49061	52.510	ug/l	100
95) Naphthalene	13.756	128	452013	53.966	ug/l	100
96) 1,2,3-Trichlorobenzene	13.939	180	138978	54.316	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047588.D
Acq On : 16 Sep 2025 10:58
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

Reviewed By : John Carlone 09/17/2025
Supervised By : Mahesh Dadoda 09/18/2025

Quant Time: Sep 17 06:13:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

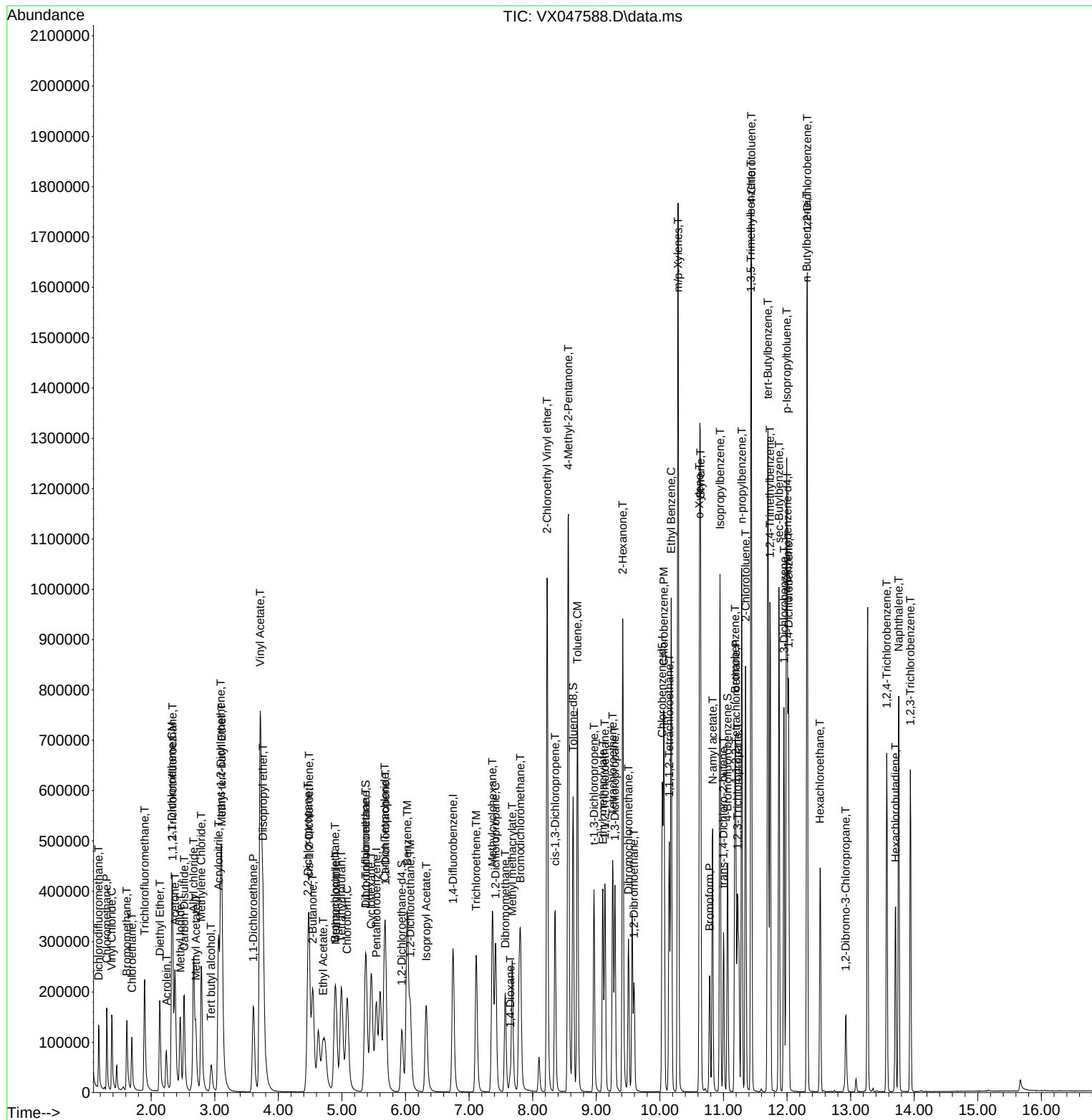
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
 Data File : VX047589.D
 Acq On : 16 Sep 2025 11:40
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/17/2025
 Supervised By : Mahesh Dadoda 09/18/2025

Quant Time: Sep 17 06:15:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:04:35 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.532	168	169280	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.739	114	298913	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	258399	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	122218	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	275758	102.341	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 204.680%#			
35) Dibromofluoromethane	5.361	113	212419	105.962	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery = 211.920%#			
50) Toluene-d8	8.629	98	724078	104.386	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 208.780%#			
62) 4-Bromofluorobenzene	11.061	95	270289	102.672	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 205.340%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	172727	98.537	ug/l	100
3) Chloromethane	1.301	50	229165	99.472	ug/l	100
4) Vinyl Chloride	1.380	62	229175	101.621	ug/l	100
5) Bromomethane	1.611	94	143113	100.076	ug/l	99
6) Chloroethane	1.691	64	152487	101.167	ug/l	99
7) Trichlorofluoromethane	1.892	101	344488	102.878	ug/l	100
8) Diethyl Ether	2.130	74	142038	103.695	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	199843	102.067	ug/l	99
10) Methyl Iodide	2.453	142	313092	102.531	ug/l	99
11) Tert butyl alcohol	2.947	59	152108	506.863	ug/l	98
12) 1,1-Dichloroethene	2.319	96	206097	102.473	ug/l	93
13) Acrolein	2.233	56	150793	545.276	ug/l	97
14) Allyl chloride	2.660	41	415140	100.028	ug/l	99
15) Acrylonitrile	3.056	53	581240	522.897	ug/l	100
16) Acetone	2.374	43	510542	435.772	ug/l	100
17) Carbon Disulfide	2.514	76	537888	97.693	ug/l	98
18) Methyl Acetate	2.697	43	292867	112.324	ug/l	100
19) Methyl tert-butyl Ether	3.105	73	748952	102.011	ug/l	100
20) Methylene Chloride	2.782	84	242548	97.805	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	217759	100.566	ug/l	98
22) Diisopropyl ether	3.745	45	811840	100.934	ug/l	88
23) Vinyl Acetate	3.709	43	3314707	514.916	ug/l	99
24) 1,1-Dichloroethane	3.599	63	435815	101.944	ug/l	98
25) 2-Butanone	4.532	43	700827	479.558	ug/l	97
26) 2,2-Dichloropropane	4.465	77	357292	100.542	ug/l	99
27) cis-1,2-Dichloroethene	4.471	96	266550	100.516	ug/l	100
28) Bromochloromethane	4.873	49	198788	106.512	ug/l	99
29) Tetrahydrofuran	4.977	42	443530	504.502	ug/l	99
30) Chloroform	5.074	83	433937	100.447	ug/l	100
31) Cyclohexane	5.452	56	332995	93.523	ug/l	96
32) 1,1,1-Trichloroethane	5.367	97	372323	101.607	ug/l	99
36) 1,1-Dichloropropene	5.672	75	281650	96.149	ug/l	98
37) Ethyl Acetate	4.690	43	318793	101.641	ug/l	99
38) Carbon Tetrachloride	5.660	117	314745	98.891	ug/l	98
39) Methylcyclohexane	7.360	83	327858	98.600	ug/l	98
40) Benzene	6.019	78	880885	99.009	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
 Data File : VX047589.D
 Acq On : 16 Sep 2025 11:40
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/17/2025
 Supervised By : Mahesh Dadoda 09/18/2025

Quant Time: Sep 17 06:15:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:04:35 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.891	41	168753	104.220	ug/l	99
42) 1,2-Dichloroethane	6.062	62	331465	97.916	ug/l	100
43) Isopropyl Acetate	6.318	43	516875	100.482	ug/l	99
44) Trichloroethene	7.104	130	217753	101.234	ug/l	96
45) 1,2-Dichloropropane	7.409	63	228150	100.145	ug/l	100
46) Dibromomethane	7.562	93	164987	99.519	ug/l	99
47) Bromodichloromethane	7.806	83	345991	101.136	ug/l	98
48) Methyl methacrylate	7.671	41	260358	101.612	ug/l	100
49) 1,4-Dioxane	7.641	88	56717	2190.315	ug/l	99
51) 4-Methyl-2-Pentanone	8.555	43	1431253	501.834	ug/l	100
52) Toluene	8.702	92	536148	97.811	ug/l	99
53) t-1,3-Dichloropropene	8.958	75	355881	101.986	ug/l	100
54) cis-1,3-Dichloropropene	8.348	75	380577	102.038	ug/l	99
55) 1,1,2-Trichloroethane	9.135	97	205939	97.434	ug/l	97
56) Ethyl methacrylate	9.098	69	346659	104.435	ug/l	99
57) 1,3-Dichloropropane	9.293	76	362848	99.935	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.226	63	836362	499.814	ug/l	100
59) 2-Hexanone	9.415	43	996274	486.380	ug/l	100
60) Dibromochloromethane	9.506	129	251394	103.226	ug/l	99
61) 1,2-Dibromoethane	9.592	107	217751	101.147	ug/l	100
64) Tetrachloroethene	9.256	164	165559	98.284	ug/l	98
65) Chlorobenzene	10.061	112	588517	100.253	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.147	131	208621	102.988	ug/l	100
67) Ethyl Benzene	10.177	91	1031346	101.823	ug/l	100
68) m/p-Xylenes	10.287	106	763898	202.624	ug/l	99
69) o-Xylene	10.622	106	372621	102.186	ug/l	99
70) Styrene	10.634	104	649863	101.710	ug/l	100
71) Bromoform	10.781	173	161188	106.566	ug/l	98
73) Isopropylbenzene	10.945	105	954900	102.768	ug/l	100
74) N-amyl acetate	10.823	43	448344	105.812	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	281608	100.172	ug/l	98
76) 1,2,3-Trichloropropane	11.220	75	229521m	90.444	ug/l	
77) Bromobenzene	11.183	156	234666	102.541	ug/l	98
78) n-propylbenzene	11.287	91	1119728	101.941	ug/l	99
79) 2-Chlorotoluene	11.348	91	683867	101.652	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	787327	103.134	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.000	75	102555	105.689	ug/l	98
82) 4-Chlorotoluene	11.433	91	802929	101.054	ug/l	100
83) tert-Butylbenzene	11.695	119	791896	101.333	ug/l	100
84) 1,2,4-Trimethylbenzene	11.732	105	790557	102.144	ug/l	99
85) sec-Butylbenzene	11.872	105	945321	101.840	ug/l	100
86) p-Isopropyltoluene	11.994	119	797643	101.501	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	432248	101.689	ug/l	100
88) 1,4-Dichlorobenzene	12.024	146	431839	98.985	ug/l	100
89) n-Butylbenzene	12.311	91	757239	104.138	ug/l	99
90) Hexachloroethane	12.518	117	148048	107.304	ug/l	100
91) 1,2-Dichlorobenzene	12.317	146	414491	102.352	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.920	75	61029	107.225	ug/l	98
93) 1,2,4-Trichlorobenzene	13.567	180	278777	105.922	ug/l	100
94) Hexachlorobutadiene	13.707	225	92124	103.049	ug/l	99
95) Naphthalene	13.756	128	854492	106.620	ug/l	100
96) 1,2,3-Trichlorobenzene	13.939	180	263512	107.633	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047589.D
Acq On : 16 Sep 2025 11:40
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Quant Time: Sep 17 06:15:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 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

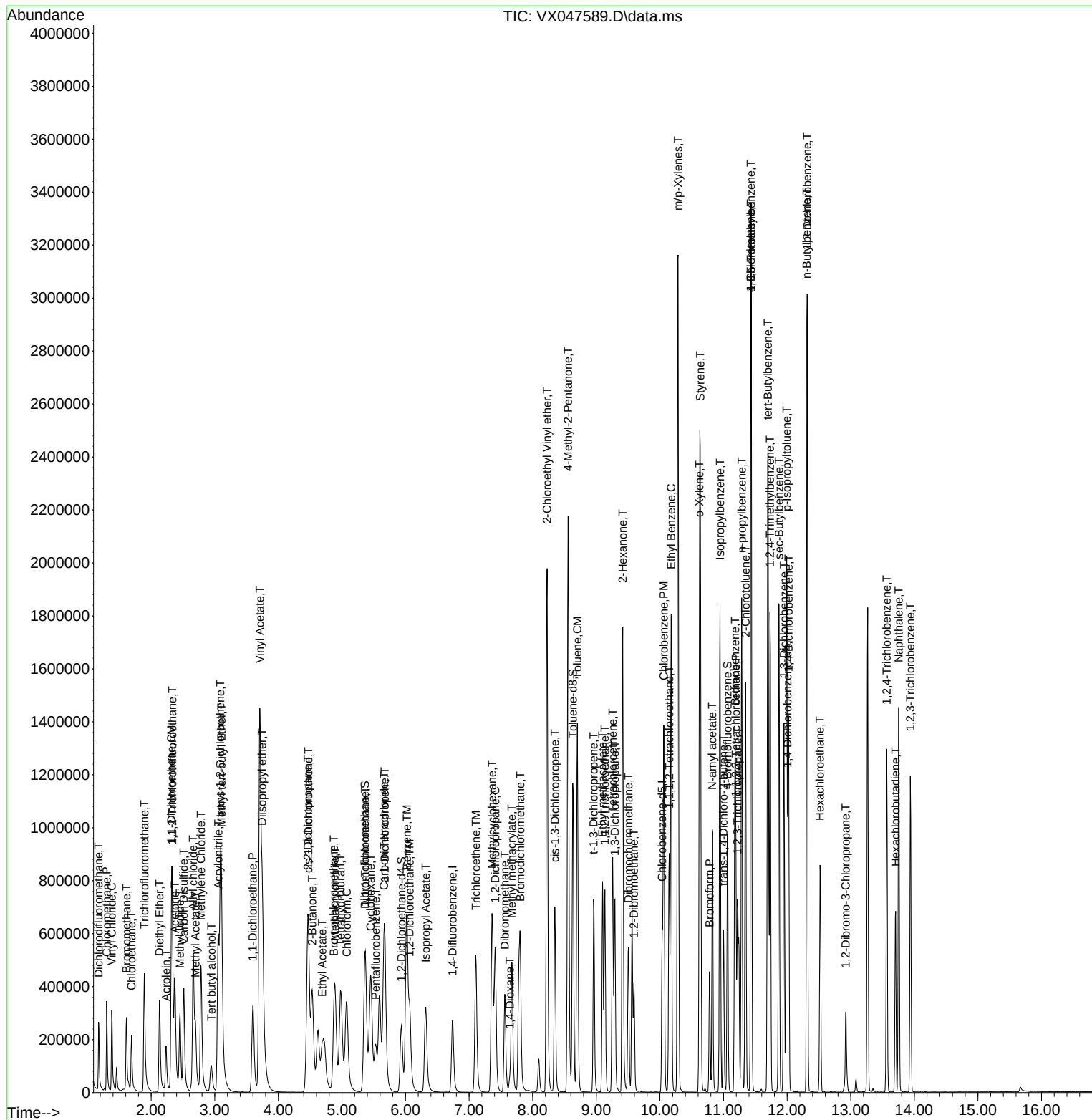
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047589.D
Acq On : 16 Sep 2025 11:40
Operator : JC/MD
Sample : VSTDIC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Manual Integrations
APPROVED

Reviewed By : John Carlone 09/17/2025
Supervised By : Mahesh Dadoda 09/18/2025

Quant Time: Sep 17 06:15:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
 Data File : VX047590.D
 Acq On : 16 Sep 2025 12:01
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Sep 17 06:16:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:04:35 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/17/2025
 Supervised By : Mahesh Dadoda 09/18/2025

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	153177	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	274804	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	241818	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	114743	50.000	ug/l	# 0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.940	65	396627	162.673	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 325.340%#	
35) Dibromofluoromethane	5.373	113	303728	164.802	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 329.600%#	
50) Toluene-d8	8.635	98	1041079	163.253	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 326.500%#	
62) 4-Bromofluorobenzene	11.067	95	399386	165.020	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 330.040%#	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.173	85	226166	142.586	ug/l	99
3) Chloromethane	1.301	50	297259	142.593	ug/l	99
4) Vinyl Chloride	1.380	62	302303	148.140	ug/l	98
5) Bromomethane	1.605	94	147541	114.019	ug/l	98
6) Chloroethane	1.691	64	195927	143.652	ug/l	99
7) Trichlorofluoromethane	1.892	101	453116	149.545	ug/l	99
8) Diethyl Ether	2.136	74	188006	151.684	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	267995	151.264	ug/l	99
10) Methyl Iodide	2.453	142	407242	147.384	ug/l	99
11) Tert butyl alcohol	2.959	59	215927	795.166	ug/l	100
12) 1,1-Dichloroethene	2.325	96	273692	150.388	ug/l	97
13) Acrolein	2.239	56	223763	894.203	ug/l	98
14) Allyl chloride	2.666	41	554779	147.727	ug/l	99
15) Acrylonitrile	3.063	53	790790	786.201	ug/l	99
16) Acetone	2.380	43	686119	647.201	ug/l	98
17) Carbon Disulfide	2.514	76	714503	143.412	ug/l	99
18) Methyl Acetate	2.703	43	404736	171.548	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	1015295	152.826	ug/l	100
20) Methylene Chloride	2.788	84	324032	144.398	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	291616	148.833	ug/l	98
22) Diisopropyl ether	3.757	45	1095726	150.551	ug/l	97
23) Vinyl Acetate	3.715	43	4504849	773.364	ug/l	100
24) 1,1-Dichloroethane	3.605	63	587129	151.776	ug/l	98
25) 2-Butanone	4.544	43	973938	736.502	ug/l	99
26) 2,2-Dichloropropane	4.471	77	486890	151.414	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	366262	152.638	ug/l	99
28) Bromochloromethane	4.885	49	289548	171.451	ug/l	99
29) Tetrahydrofuran	4.989	42	616374	774.811	ug/l	100
30) Chloroform	5.080	83	591709	151.367	ug/l	99
31) Cyclohexane	5.458	56	456119	141.570	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	506654	152.802	ug/l	99
36) 1,1-Dichloropropene	5.684	75	386601	143.556	ug/l	99
37) Ethyl Acetate	4.702	43	444461	154.141	ug/l	99
38) Carbon Tetrachloride	5.666	117	427263	146.021	ug/l	98
39) Methylcyclohexane	7.367	83	456694	149.395	ug/l	98
40) Benzene	6.025	78	1202846	147.057	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
 Data File : VX047590.D
 Acq On : 16 Sep 2025 12:01
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/17/2025
 Supervised By : Mahesh Dadoda 09/18/2025

Quant Time: Sep 17 06:16:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:04:35 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.904	41	223218	149.951	ug/l	99
42) 1,2-Dichloroethane	6.074	62	455978	146.515	ug/l	99
43) Isopropyl Acetate	6.324	43	724888	153.283	ug/l	99
44) Trichloroethene	7.111	130	299673	151.542	ug/l	96
45) 1,2-Dichloropropane	7.415	63	316720	151.219	ug/l	99
46) Dibromomethane	7.568	93	228550	149.954	ug/l	97
47) Bromodichloromethane	7.806	83	483438	153.710	ug/l	98
48) Methyl methacrylate	7.678	41	367931	156.194	ug/l	99
49) 1,4-Dioxane	7.647	88	82739	3475.565	ug/l	98
51) 4-Methyl-2-Pentanone	8.562	43	2008063	765.849	ug/l	100
52) Toluene	8.702	92	739332	146.712	ug/l	99
53) t-1,3-Dichloropropene	8.964	75	503912	157.076	ug/l	100
54) cis-1,3-Dichloropropene	8.354	75	530566	154.732	ug/l	99
55) 1,1,2-Trichloroethane	9.135	97	289103	148.781	ug/l	99
56) Ethyl methacrylate	9.104	69	490623	160.773	ug/l	97
57) 1,3-Dichloropropane	9.293	76	502121	150.426	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.232	63	1202206	749.661	ug/l	99
59) 2-Hexanone	9.415	43	1412417	750.035	ug/l	99
60) Dibromochloromethane	9.506	129	347748	155.318	ug/l	98
61) 1,2-Dibromoethane	9.592	107	302715	152.949	ug/l	99
64) Tetrachloroethene	9.263	164	227931	144.590	ug/l	98
65) Chlorobenzene	10.061	112	828239	150.763	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.147	131	291433	153.733	ug/l	98
67) Ethyl Benzene	10.177	91	1431554	151.026	ug/l	99
68) m/p-Xylenes	10.287	106	1059776	300.381	ug/l	99
69) o-Xylene	10.628	106	521840	152.920	ug/l	99
70) Styrene	10.640	104	917532	153.449	ug/l	99
71) Bromoform	10.781	173	229683	162.262	ug/l	99
73) Isopropylbenzene	10.945	105	1321409	151.477	ug/l	99
74) N-amyl acetate	10.829	43	636879	160.099	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	403906	153.035	ug/l	99
76) 1,2,3-Trichloropropane	11.226	75	366171m	153.692	ug/l	
77) Bromobenzene	11.183	156	328336	152.818	ug/l	99
78) n-propylbenzene	11.287	91	1550316	150.337	ug/l	99
79) 2-Chlorotoluene	11.348	91	939707	148.781	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	1091593	152.306	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.000	75	145921	160.176	ug/l	97
82) 4-Chlorotoluene	11.439	91	1127233	151.112	ug/l	100
83) tert-Butylbenzene	11.701	119	1106532	150.819	ug/l	99
84) 1,2,4-Trimethylbenzene	11.738	105	1106914	152.336	ug/l	100
85) sec-Butylbenzene	11.872	105	1319819	151.448	ug/l	99
86) p-Isopropyltoluene	11.994	119	1103210	149.530	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	605123	151.633	ug/l	100
88) 1,4-Dichlorobenzene	12.024	146	613617	149.814	ug/l	99
89) n-Butylbenzene	12.317	91	1032357	151.222	ug/l	100
90) Hexachloroethane	12.518	117	211472	163.258	ug/l	98
91) 1,2-Dichlorobenzene	12.317	146	582565	153.227	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.920	75	89415	167.332	ug/l	96
93) 1,2,4-Trichlorobenzene	13.567	180	387652	156.884	ug/l	98
94) Hexachlorobutadiene	13.707	225	121791	145.110	ug/l	99
95) Naphthalene	13.756	128	1229363	163.388	ug/l	100
96) 1,2,3-Trichlorobenzene	13.939	180	369382	160.704	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047590.D
Acq On : 16 Sep 2025 12:01
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Quant Time: Sep 17 06:16:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 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

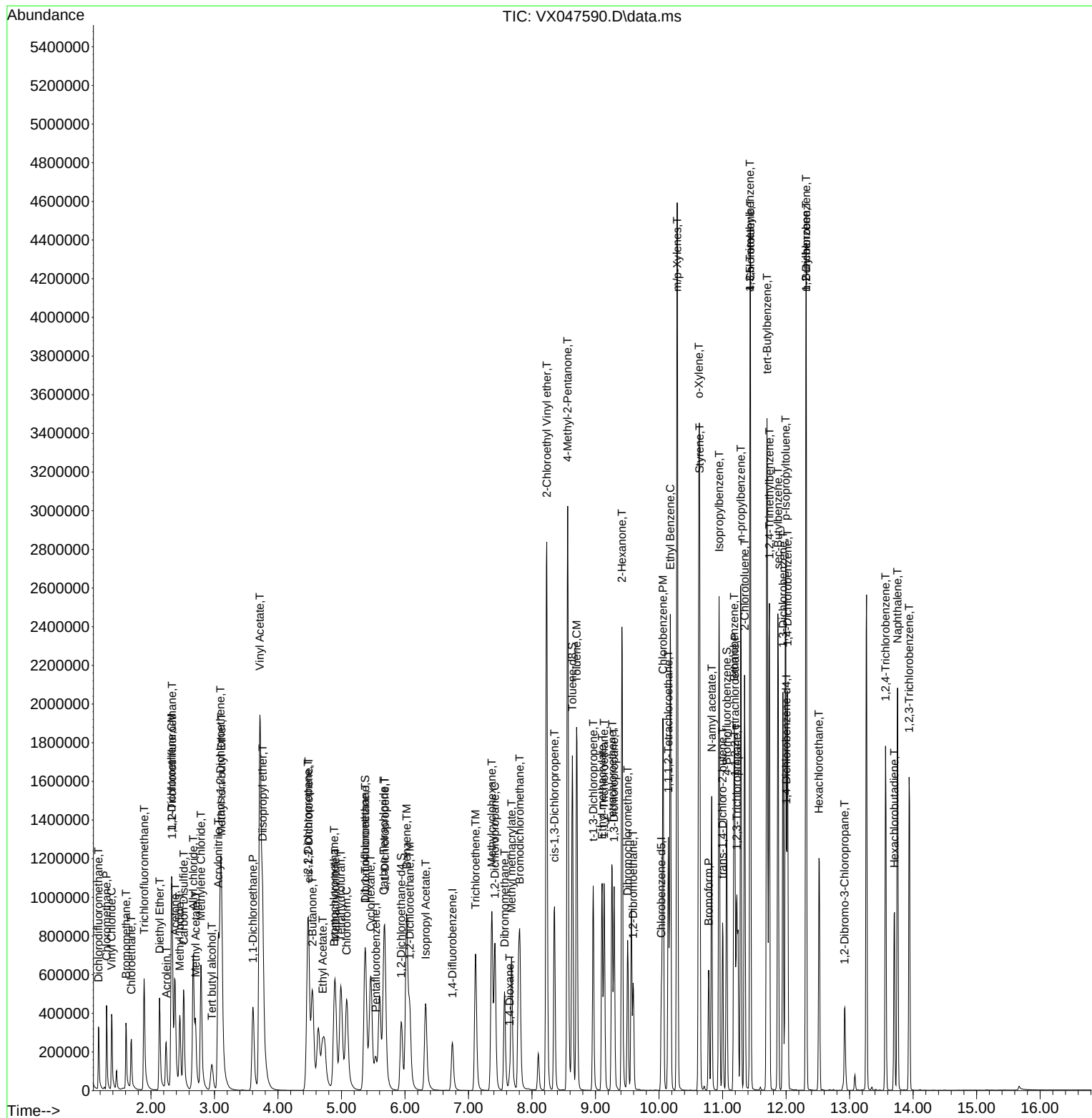
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Data File : VX047590.D
Acq On : 16 Sep 2025 12:01
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Quant Time: Sep 17 06:16:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
 Data File : VX047592.D
 Acq On : 16 Sep 2025 13:35
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX091625

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/17/2025
 Supervised By : Mahesh Dadoda 09/18/2025

Quant Time: Sep 17 06:47:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.531	168	186484	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.745	114	331837	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	288660	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	139252	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	135209	45.550	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.100%		
35) Dibromofluoromethane	5.367	113	101390	45.559	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.120%		
50) Toluene-d8	8.634	98	357393	46.411	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.820%		
62) 4-Bromofluorobenzene	11.061	95	135957	46.520	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.040%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.179	85	86110	44.592	ug/l	94
3) Chloromethane	1.300	50	110935	43.710	ug/l	99
4) Vinyl Chloride	1.380	62	113742	45.783	ug/l	99
5) Bromomethane	1.617	94	76388	48.489	ug/l	99
6) Chloroethane	1.697	64	77337	46.575	ug/l	99
7) Trichlorofluoromethane	1.892	101	173647	47.074	ug/l	98
8) Diethyl Ether	2.136	74	70459	46.693	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	104663	48.524	ug/l	99
10) Methyl Iodide	2.453	142	155450	46.210	ug/l	99
11) Tert butyl alcohol	2.940	59	84722	256.271	ug/l	100
12) 1,1-Dichloroethene	2.325	96	104302	47.076	ug/l	98
13) Acrolein	2.233	56	77645	254.867	ug/l	99
14) Allyl chloride	2.666	41	213704	46.742	ug/l	99
15) Acrylonitrile	3.056	53	310505	253.567	ug/l	99
16) Acetone	2.373	43	316217	245.006	ug/l	97
17) Carbon Disulfide	2.514	76	272741	44.966	ug/l	97
18) Methyl Acetate	2.697	43	158480	55.175	ug/l	100
19) Methyl tert-butyl Ether	3.105	73	392574	48.538	ug/l	100
20) Methylene Chloride	2.788	84	125669	46.000	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	111418	46.709	ug/l	99
22) Diisopropyl ether	3.745	45	426854	48.174	ug/l #	83
23) Vinyl Acetate	3.709	43	1741267	245.539	ug/l	99
24) 1,1-Dichloroethane	3.599	63	226249	48.041	ug/l	99
25) 2-Butanone	4.532	43	408273	253.598	ug/l	97
26) 2,2-Dichloropropane	4.458	77	193760	49.494	ug/l	100
27) cis-1,2-Dichloroethene	4.477	96	142635	48.826	ug/l	99
28) Bromochloromethane	4.879	49	95782	46.586	ug/l	99
29) Tetrahydrofuran	4.983	42	245392	253.375	ug/l	99
30) Chloroform	5.074	83	231954	48.739	ug/l	99
31) Cyclohexane	5.458	56	180430	45.999	ug/l	99
32) 1,1,1-Trichloroethane	5.367	97	197711	48.978	ug/l	100
36) 1,1-Dichloropropene	5.678	75	151745	46.663	ug/l	99
37) Ethyl Acetate	4.690	43	171454	49.241	ug/l	98
38) Carbon Tetrachloride	5.659	117	165834	46.935	ug/l	95
39) Methylcyclohexane	7.360	83	179392	48.597	ug/l	98
40) Benzene	6.019	78	467748	47.357	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
 Data File : VX047592.D
 Acq On : 16 Sep 2025 13:35
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX091625

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/17/2025
 Supervised By : Mahesh Dadoda 09/18/2025

Quant Time: Sep 17 06:47:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.897	41	90758	50.490	ug/l	98
42) 1,2-Dichloroethane	6.068	62	176131	46.867	ug/l	100
43) Isopropyl Acetate	6.318	43	280595	49.136	ug/l	100
44) Trichloroethene	7.104	130	114708	48.037	ug/l	98
45) 1,2-Dichloropropane	7.409	63	121532	48.053	ug/l	98
46) Dibromomethane	7.562	93	88297	47.976	ug/l	98
47) Bromodichloromethane	7.799	83	185219	48.769	ug/l	96
48) Methyl methacrylate	7.671	41	141532	49.757	ug/l	99
49) 1,4-Dioxane	7.641	88	31320	1089.520	ug/l	98
51) 4-Methyl-2-Pentanone	8.555	43	809759	255.752	ug/l	100
52) Toluene	8.702	92	292879	48.130	ug/l	99
53) t-1,3-Dichloropropene	8.964	75	191863	49.527	ug/l	100
54) cis-1,3-Dichloropropene	8.348	75	203954	49.257	ug/l	97
55) 1,1,2-Trichloroethane	9.134	97	112094	47.772	ug/l	98
56) Ethyl methacrylate	9.098	69	189741	51.490	ug/l	99
57) 1,3-Dichloropropane	9.293	76	197079	48.894	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.226	63	394205	225.562	ug/l	99
59) 2-Hexanone	9.415	43	575599	253.126	ug/l	99
60) Dibromochloromethane	9.506	129	134704	49.824	ug/l	99
61) 1,2-Dibromoethane	9.592	107	117817	49.297	ug/l	99
64) Tetrachloroethene	9.256	164	90881	48.296	ug/l	98
65) Chlorobenzene	10.061	112	318372	48.549	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.146	131	110416	48.794	ug/l	98
67) Ethyl Benzene	10.177	91	563634	49.813	ug/l	99
68) m/p-Xylenes	10.287	106	416757	98.956	ug/l	99
69) o-Xylene	10.622	106	204323	50.159	ug/l	99
70) Styrene	10.640	104	353567	49.536	ug/l	99
71) Bromoform	10.780	173	86524	51.207	ug/l #	98
73) Isopropylbenzene	10.945	105	523826	49.479	ug/l	100
74) N-amyl acetate	10.823	43	243198	50.375	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.195	83	159676	49.851	ug/l	99
76) 1,2,3-Trichloropropane	11.219	75	149779m	53.124	ug/l	
77) Bromobenzene	11.183	156	125610	48.173	ug/l	98
78) n-propylbenzene	11.286	91	616928	49.295	ug/l	99
79) 2-Chlorotoluene	11.347	91	376486	49.117	ug/l	100
80) 1,3,5-Trimethylbenzene	11.433	105	435375	50.055	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.000	75	55880	50.543	ug/l	99
82) 4-Chlorotoluene	11.433	91	445075	49.164	ug/l	100
83) tert-Butylbenzene	11.695	119	442341	49.679	ug/l	99
84) 1,2,4-Trimethylbenzene	11.732	105	440134	49.911	ug/l	99
85) sec-Butylbenzene	11.872	105	529869	50.100	ug/l	100
86) p-Isopropyltoluene	11.994	119	446441	49.861	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	237383	49.014	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	243618	49.011	ug/l	99
89) n-Butylbenzene	12.317	91	420478	50.752	ug/l	100
90) Hexachloroethane	12.518	117	79751	50.732	ug/l	99
91) 1,2-Dichlorobenzene	12.317	146	227493	49.304	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.920	75	33020	50.918	ug/l	96
93) 1,2,4-Trichlorobenzene	13.567	180	153333	51.133	ug/l	100
94) Hexachlorobutadiene	13.707	225	53099	52.131	ug/l	99
95) Naphthalene	13.756	128	464206	50.836	ug/l	100
96) 1,2,3-Trichlorobenzene	13.938	180	142413	51.054	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047592.D
Acq On : 16 Sep 2025 13:35
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

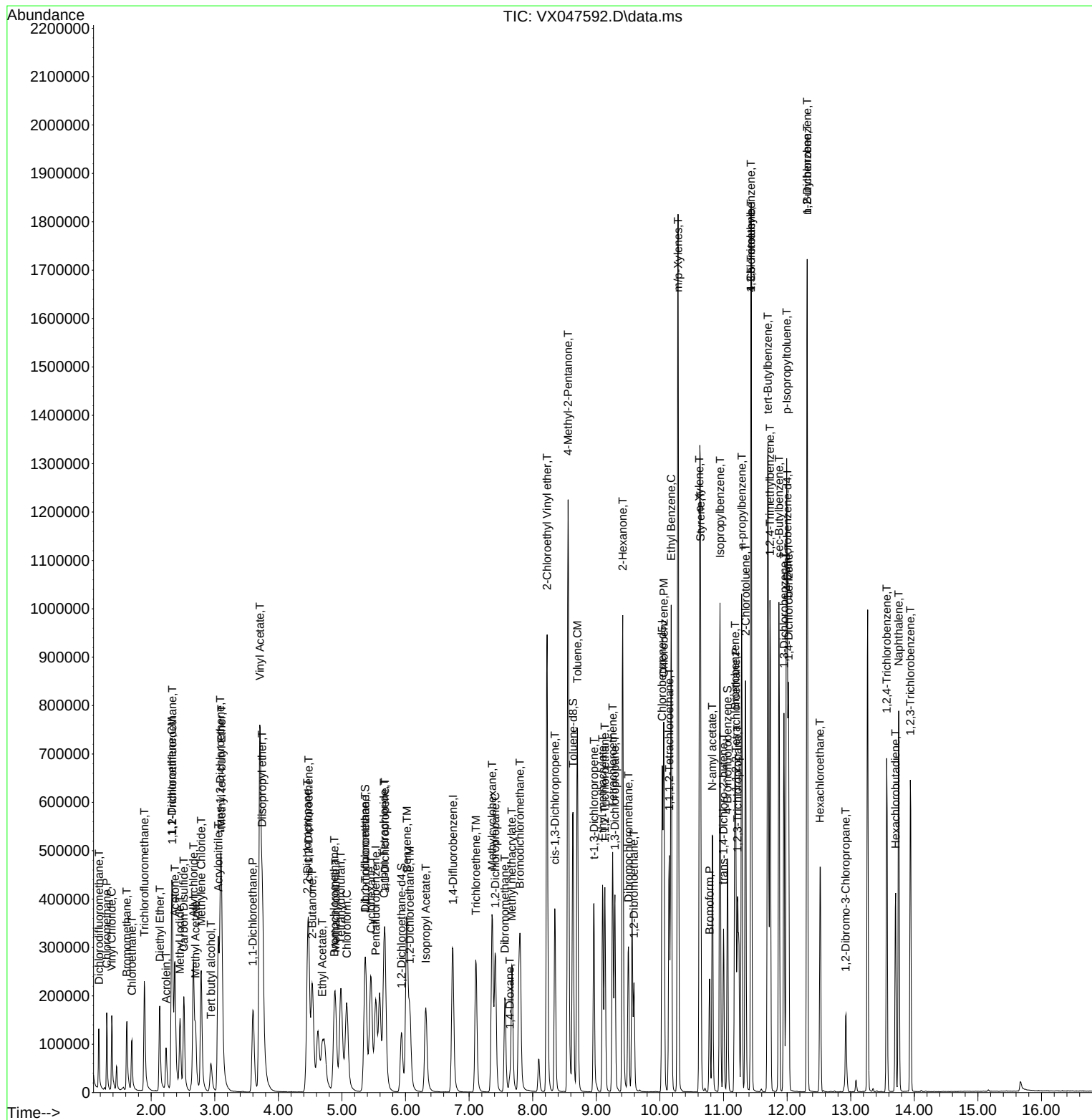
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 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
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Instrument :
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 Quant Title : SW846 8260
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 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	108	-0.01
2 T	Dichlorodifluoromethane	0.518	0.462	10.8	99	0.00
3 P	Chloromethane	0.680	0.595	12.5	97	0.00
4 C	Vinyl Chloride	0.666	0.610	8.4#	99	0.00
5 T	Bromomethane	0.422	0.410	2.8	104	0.00
6 T	Chloroethane	0.445	0.415	6.7	101	0.00
7 T	Trichlorofluoromethane	0.989	0.931	5.9	101	0.00
8 T	Diethyl Ether	0.405	0.378	6.7	99	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.578	0.561	2.9	103	0.00
10 T	Methyl Iodide	0.902	0.834	7.5	98	0.00
11 T	Tert butyl alcohol	0.089	0.091	-2.2	110	0.00
12 CM	1,1-Dichloroethene	0.594	0.559	5.9#	100	0.00
13 T	Acrolein	0.082	0.083	-1.2	110	0.00
14 T	Allyl chloride	1.226	1.146	6.5	102	0.00
15 T	Acrylonitrile	0.328	0.333	-1.5	103	0.00
16 T	Acetone	0.346	0.339	2.0	115	0.00
17 T	Carbon Disulfide	1.626	1.463	10.0	100	0.00
18 T	Methyl Acetate	0.770	0.850	-10.4	104	0.00
19 T	Methyl tert-butyl Ether	2.169	2.105	3.0	101	0.00
20 T	Methylene Chloride	0.732	0.674	7.9	99	0.00
21 T	trans-1,2-Dichloroethene	0.640	0.597	6.7	99	0.00
22 T	Diisopropyl ether	2.376	2.289	3.7	99	-0.01
23 T	Vinyl Acetate	1.901	1.867	1.8	101	0.00
24 P	1,1-Dichloroethane	1.263	1.213	4.0	101	0.00
25 T	2-Butanone	0.432	0.438	-1.4	107	0.00
26 T	2,2-Dichloropropane	1.050	1.039	1.0	105	0.00
27 T	cis-1,2-Dichloroethene	0.783	0.765	2.3	102	0.00
28 T	Bromochloromethane	0.551	0.514	6.7	96	-0.01
29 T	Tetrahydrofuran	0.260	0.263	-1.2	103	0.00
30 C	Chloroform	1.276	1.244	2.5#	101	0.00
31 T	Cyclohexane	1.052	0.968	8.0	101	0.00
32 T	1,1,1-Trichloroethane	1.082	1.060	2.0	101	0.00
33 S	1,2-Dichloroethane-d4	0.796	0.725	8.9	101	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	108	0.00
35 S	Dibromofluoromethane	0.335	0.306	8.7	100	0.00
36 T	1,1-Dichloropropene	0.490	0.457	6.7	101	0.00
37 T	Ethyl Acetate	0.525	0.517	1.5	105	-0.01
38 T	Carbon Tetrachloride	0.532	0.500	6.0	100	-0.01
39 T	Methylcyclohexane	0.556	0.541	2.7	103	0.00
40 TM	Benzene	1.488	1.410	5.2	100	0.00
41 T	Methacrylonitrile	0.271	0.274	-1.1	103	0.00
42 TM	1,2-Dichloroethane	0.566	0.531	6.2	98	0.00
43 T	Isopropyl Acetate	0.860	0.846	1.6	102	0.00
44 TM	Trichloroethene	0.360	0.346	3.9	101	0.00
45 C	1,2-Dichloropropane	0.381	0.366	3.9#	100	0.00
46 T	Dibromomethane	0.277	0.266	4.0	100	0.00
47 T	Bromodichloromethane	0.572	0.558	2.4	99	0.00
48 T	Methyl methacrylate	0.429	0.427	0.5	102	0.00

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 ALS Vial : 10 Sample Multiplier: 1

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 ClientSampleId :
 ICSVX091625

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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	0.004	0.005	-25.0	106	0.00
50 S	Toluene-d8	1.160	1.077	7.2	101	0.00
51 T	4-Methyl-2-Pentanone	0.477	0.488	-2.3	103	0.00
52 CM	Toluene	0.917	0.883	3.7#	101	0.00
53 T	t-1,3-Dichloropropene	0.584	0.578	1.0	101	0.00
54 T	cis-1,3-Dichloropropene	0.624	0.615	1.4	102	0.00
55 T	1,1,2-Trichloroethane	0.354	0.338	4.5	99	0.00
56 T	Ethyl methacrylate	0.555	0.572	-3.1	103	0.00
57 T	1,3-Dichloropropane	0.607	0.594	2.1	101	0.00
58 T	2-Chloroethyl Vinyl ether	0.227	0.238	-4.8	94	0.00
59 T	2-Hexanone	0.343	0.347	-1.2	104	0.00
60 T	Dibromochloromethane	0.407	0.406	0.2	101	0.00
61 T	1,2-Dibromoethane	0.360	0.355	1.4	101	0.00
62 S	4-Bromofluorobenzene	0.440	0.410	6.8	104	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	107	0.00
64 T	Tetrachloroethene	0.326	0.315	3.4	103	0.00
65 PM	Chlorobenzene	1.136	1.103	2.9	100	0.00
66 T	1,1,1,2-Tetrachloroethane	0.392	0.383	2.3	99	0.00
67 C	Ethyl Benzene	1.960	1.953	0.4#	102	0.00
68 T	m/p-Xylenes	0.729	0.722	1.0	101	0.00
69 T	o-Xylene	0.706	0.708	-0.3	101	0.00
70 T	Styrene	1.236	1.225	0.9	101	0.00
71 P	Bromoform	0.293	0.300	-2.4	102	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	109	0.00
73 T	Isopropylbenzene	3.801	3.762	1.0	101	0.00
74 T	N-amyl acetate	1.733	1.746	-0.8	102	0.00
75 P	1,1,2,2-Tetrachloroethane	1.150	1.147	0.3	102	0.00
76 T	1,2,3-Trichloropropane	1.012	1.076	-6.3	104	0.00
77 T	Bromobenzene	0.936	0.902	3.6	100	0.00
78 T	n-propylbenzene	4.494	4.430	1.4	101	0.00
79 T	2-Chlorotoluene	2.752	2.704	1.7	101	0.00
80 T	1,3,5-Trimethylbenzene	3.123	3.127	-0.1	102	0.00
81 T	trans-1,4-Dichloro-2-butene	0.397	0.401	-1.0	106	0.00
82 T	4-Chlorotoluene	3.251	3.196	1.7	101	0.00
83 T	tert-Butylbenzene	3.197	3.177	0.6	103	0.00
84 T	1,2,4-Trimethylbenzene	3.166	3.161	0.2	103	0.00
85 T	sec-Butylbenzene	3.797	3.805	-0.2	103	0.00
86 T	p-Isopropyltoluene	3.215	3.206	0.3	102	0.00
87 T	1,3-Dichlorobenzene	1.739	1.705	2.0	102	0.00
88 T	1,4-Dichlorobenzene	1.785	1.749	2.0	104	0.00
89 T	n-Butylbenzene	2.975	3.020	-1.5	105	0.00
90 T	Hexachloroethane	0.564	0.573	-1.6	105	0.00
91 T	1,2-Dichlorobenzene	1.657	1.634	1.4	102	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.233	0.237	-1.7	102	0.00
93 T	1,2,4-Trichlorobenzene	1.077	1.101	-2.2	104	0.00
94 T	Hexachlorobutadiene	0.366	0.381	-4.1	108	0.00
95 T	Naphthalene	3.279	3.334	-1.7	103	0.00

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Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	1.002	1.023	-2.1	102	0.00

(#) = Out of Range

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\WX091625\
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 Operator : JC/MD
 Sample : VSTDICV050
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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	108	-0.01
2 T	Dichlorodifluoromethane	50.000	44.592	10.8	99	0.00
3 P	Chloromethane	50.000	43.710	12.6	97	0.00
4 C	Vinyl Chloride	50.000	45.783	8.4#	99	0.00
5 T	Bromomethane	50.000	48.489	3.0	104	0.00
6 T	Chloroethane	50.000	46.575	6.8	101	0.00
7 T	Trichlorofluoromethane	50.000	47.074	5.9	101	0.00
8 T	Diethyl Ether	50.000	46.693	6.6	99	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.524	3.0	103	0.00
10 T	Methyl Iodide	50.000	46.210	7.6	98	0.00
11 T	Tert butyl alcohol	250.000	256.271	-2.5	110	0.00
12 CM	1,1-Dichloroethene	50.000	47.076	5.8#	100	0.00
13 T	Acrolein	250.000	254.867	-1.9	110	0.00
14 T	Allyl chloride	50.000	46.742	6.5	102	0.00
15 T	Acrylonitrile	250.000	253.567	-1.4	103	0.00
16 T	Acetone	250.000	245.006	2.0	115	0.00
17 T	Carbon Disulfide	50.000	44.966	10.1	100	0.00
18 T	Methyl Acetate	50.000	55.175	-10.3	104	0.00
19 T	Methyl tert-butyl Ether	50.000	48.538	2.9	101	0.00
20 T	Methylene Chloride	50.000	46.000	8.0	99	0.00
21 T	trans-1,2-Dichloroethene	50.000	46.709	6.6	99	0.00
22 T	Diisopropyl ether	50.000	48.174	3.7	99	-0.01
23 T	Vinyl Acetate	250.000	245.539	1.8	101	0.00
24 P	1,1-Dichloroethane	50.000	48.041	3.9	101	0.00
25 T	2-Butanone	250.000	253.598	-1.4	107	0.00
26 T	2,2-Dichloropropane	50.000	49.494	1.0	105	0.00
27 T	cis-1,2-Dichloroethene	50.000	48.826	2.3	102	0.00
28 T	Bromochloromethane	50.000	46.586	6.8	96	-0.01
29 T	Tetrahydrofuran	250.000	253.375	-1.4	103	0.00
30 C	Chloroform	50.000	48.739	2.5#	101	0.00
31 T	Cyclohexane	50.000	45.999	8.0	101	0.00
32 T	1,1,1-Trichloroethane	50.000	48.978	2.0	101	0.00
33 S	1,2-Dichloroethane-d4	50.000	45.550	8.9	101	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	108	0.00
35 S	Dibromofluoromethane	50.000	45.559	8.9	100	0.00
36 T	1,1-Dichloropropene	50.000	46.663	6.7	101	0.00
37 T	Ethyl Acetate	50.000	49.241	1.5	105	-0.01
38 T	Carbon Tetrachloride	50.000	46.935	6.1	100	-0.01
39 T	Methylcyclohexane	50.000	48.597	2.8	103	0.00
40 TM	Benzene	50.000	47.357	5.3	100	0.00
41 T	Methacrylonitrile	50.000	50.490	-1.0	103	0.00
42 TM	1,2-Dichloroethane	50.000	46.867	6.3	98	0.00
43 T	Isopropyl Acetate	50.000	49.136	1.7	102	0.00
44 TM	Trichloroethene	50.000	48.037	3.9	101	0.00
45 C	1,2-Dichloropropane	50.000	48.053	3.9#	100	0.00
46 T	Dibromomethane	50.000	47.976	4.0	100	0.00
47 T	Bromodichloromethane	50.000	48.769	2.5	99	0.00
48 T	Methyl methacrylate	50.000	49.757	0.5	102	0.00

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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	1089.520	-9.0	106	0.00
50 S	Toluene-d8	50.000	46.411	7.2	101	0.00
51 T	4-Methyl-2-Pentanone	250.000	255.752	-2.3	103	0.00
52 CM	Toluene	50.000	48.130	3.7#	101	0.00
53 T	t-1,3-Dichloropropene	50.000	49.527	0.9	101	0.00
54 T	cis-1,3-Dichloropropene	50.000	49.257	1.5	102	0.00
55 T	1,1,2-Trichloroethane	50.000	47.772	4.5	99	0.00
56 T	Ethyl methacrylate	50.000	51.490	-3.0	103	0.00
57 T	1,3-Dichloropropane	50.000	48.894	2.2	101	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	225.562	9.8	94	0.00
59 T	2-Hexanone	250.000	253.126	-1.3	104	0.00
60 T	Dibromochloromethane	50.000	49.824	0.4	101	0.00
61 T	1,2-Dibromoethane	50.000	49.297	1.4	101	0.00
62 S	4-Bromofluorobenzene	50.000	46.520	7.0	104	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	107	0.00
64 T	Tetrachloroethene	50.000	48.296	3.4	103	0.00
65 PM	Chlorobenzene	50.000	48.549	2.9	100	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	48.794	2.4	99	0.00
67 C	Ethyl Benzene	50.000	49.813	0.4#	102	0.00
68 T	m/p-Xylenes	100.000	98.956	1.0	101	0.00
69 T	o-Xylene	50.000	50.159	-0.3	101	0.00
70 T	Styrene	50.000	49.536	0.9	101	0.00
71 P	Bromoform	50.000	51.207	-2.4	102	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	109	0.00
73 T	Isopropylbenzene	50.000	49.479	1.0	101	0.00
74 T	N-amyl acetate	50.000	50.375	-0.8	102	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	49.851	0.3	102	0.00
76 T	1,2,3-Trichloropropane	50.000	53.124	-6.2	104	0.00
77 T	Bromobenzene	50.000	48.173	3.7	100	0.00
78 T	n-propylbenzene	50.000	49.295	1.4	101	0.00
79 T	2-Chlorotoluene	50.000	49.117	1.8	101	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.055	-0.1	102	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	50.543	-1.1	106	0.00
82 T	4-Chlorotoluene	50.000	49.164	1.7	101	0.00
83 T	tert-Butylbenzene	50.000	49.679	0.6	103	0.00
84 T	1,2,4-Trimethylbenzene	50.000	49.911	0.2	103	0.00
85 T	sec-Butylbenzene	50.000	50.100	-0.2	103	0.00
86 T	p-Isopropyltoluene	50.000	49.861	0.3	102	0.00
87 T	1,3-Dichlorobenzene	50.000	49.014	2.0	102	0.00
88 T	1,4-Dichlorobenzene	50.000	49.011	2.0	104	0.00
89 T	n-Butylbenzene	50.000	50.752	-1.5	105	0.00
90 T	Hexachloroethane	50.000	50.732	-1.5	105	0.00
91 T	1,2-Dichlorobenzene	50.000	49.304	1.4	102	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	50.918	-1.8	102	0.00
93 T	1,2,4-Trichlorobenzene	50.000	51.133	-2.3	104	0.00
94 T	Hexachlorobutadiene	50.000	52.131	-4.3	108	0.00
95 T	Naphthalene	50.000	50.836	-1.7	103	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047592.D
Acq On : 16 Sep 2025 13:35
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Quant Time: Sep 17 06:47:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 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	51.054	-2.1	102	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:	<u>Alliance</u>	Contract:	<u>LOCK01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3202</u>
Instrument ID:	<u>MSVOA_X</u>	Calibration Date/Time:	<u>10/03/2025 09:35</u>
Lab File ID:	<u>VX047981.D</u>	Init. Calib. Date(s):	<u>09/16/2025 09/16/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Init. Calib. Time(s):	<u>09:23 12:01</u>
GC Column:	<u>DB-624UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Vinyl Chloride	0.666	0.682		2.4	20
Chloroethane	0.445	0.450		1.12	20
Trichlorofluoromethane	0.989	1.066		7.79	20
1,1-Dichloroethene	0.594	0.609		2.53	20
Acrylonitrile	0.328	0.334		1.83	20
Acetone	0.346	0.321		-7.22	20
Carbon Disulfide	1.626	1.511		-7.07	20
Methylene Chloride	0.732	0.762		4.1	20
Vinyl Acetate	1.901	1.963		3.26	20
2-Butanone	0.432	0.408		-5.56	20
Carbon Tetrachloride	0.532	0.565		6.2	20
cis-1,2-Dichloroethene	0.783	0.827		5.62	20
Bromochloromethane	0.551	0.591		7.26	20
Chloroform	1.276	1.385		8.54	20
1,1,1-Trichloroethane	1.082	1.140		5.36	20
Benzene	1.488	1.585		6.52	20
1,2-Dichloropropane	0.381	0.426		11.81	20
Dibromomethane	0.277	0.304		9.75	20
Bromodichloromethane	0.572	0.655		14.51	20
4-Methyl-2-Pentanone	0.477	0.481		0.84	20
Toluene	0.917	0.989		7.85	20
t-1,3-Dichloropropene	0.584	0.657		12.5	20
cis-1,3-Dichloropropene	0.624	0.698		11.86	20
2-Hexanone	0.343	0.334		-2.62	20
Dibromochloromethane	0.407	0.478		17.44	20
1,2-Dibromoethane	0.360	0.408		13.33	20
Tetrachloroethene	0.326	0.327		0.31	20
Chlorobenzene	1.136	1.205	0.3	6.07	20
1,1,1,2-Tetrachloroethane	0.392	0.436		11.22	20
Ethyl Benzene	1.960	2.036		3.88	20
m/p-Xylenes	0.729	0.772		5.9	20
o-Xylene	0.706	0.741		4.96	20
Styrene	1.236	1.320		6.8	20
Bromoform	0.293	0.314	0.1	7.17	20
1,1,2,2-Tetrachloroethane	1.150	1.146	0.3	-0.35	20
1,2,3-Trichloropropane	1.012	0.917		-9.39	20
1,4-Dichlorobenzene	1.785	1.818		1.85	20
1,2-Dichlorobenzene	1.657	1.703		2.78	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:	<u>Alliance</u>	Contract:	<u>LOCK01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3202</u>
Instrument ID:	<u>MSVOA_X</u>	Calibration Date/Time:	<u>10/03/2025 09:35</u>
Lab File ID:	<u>VX047981.D</u>	Init. Calib. Date(s):	<u>09/16/2025 09/16/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Init. Calib. Time(s):	<u>09:23 12:01</u>
GC Column:	<u>DB-624UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
1,2-Dibromo-3-Chloropropane	0.233	0.211		-9.44	20
1,2-Dichloroethane-d4	0.796	0.797		0.13	20
Dibromofluoromethane	0.335	0.365		8.95	20
Toluene-d8	1.160	1.215		4.74	20
4-Bromofluorobenzene	0.440	0.468		6.36	20
Methyl Iodide	0.902	0.822		-8.87	20
trans-1,4-Dichloro-2-butene	0.397	0.363		-8.56	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\VX100325\
 Data File : VX047981.D
 Acq On : 03 Oct 2025 09:35
 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 :Mahesh Dadoda 10/06/2025
 Supervised By :Semsettin Yesilyurt 10/06/2025

Quant Time: Oct 03 23:40:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.531	168	131937	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.739	114	225878	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	209083	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	105470	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	105158	50.073	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.140%			
35) Dibromofluoromethane	5.367	113	82541	54.487	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.980%			
50) Toluene-d8	8.628	98	274356	52.341	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.680%			
62) 4-Bromofluorobenzene	11.061	95	105643	53.105	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.200%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	76082	55.688	ug/l	95
3) Chloromethane	1.301	50	86998	48.451	ug/l	99
4) Vinyl Chloride	1.380	62	90039	51.226	ug/l	99
5) Bromomethane	1.611	94	61619	55.285	ug/l	94
6) Chloroethane	1.691	64	59369	50.536	ug/l	97
7) Trichlorofluoromethane	1.892	101	140608	53.876	ug/l	98
8) Diethyl Ether	2.136	74	55863	52.326	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	84145	55.140	ug/l	99
10) Methyl Iodide	2.453	142	108465	45.574	ug/l	98
11) Tert butyl alcohol	2.940	59	49807	212.945	ug/l	99
12) 1,1-Dichloroethene	2.319	96	80415	51.300	ug/l	97
13) Acrolein	2.233	56	54512	252.910	ug/l	97
14) Allyl chloride	2.666	41	155815	48.170	ug/l	99
15) Acrylonitrile	3.050	53	220195	254.160	ug/l	100
16) Acetone	2.373	43	212026	232.196	ug/l	99
17) Carbon Disulfide	2.514	76	199354	46.455	ug/l	98
18) Methyl Acetate	2.697	43	110641	54.445	ug/l	100
19) Methyl tert-butyl Ether	3.105	73	292796	51.168	ug/l	100
20) Methylene Chloride	2.788	84	100491	51.991	ug/l	94
21) trans-1,2-Dichloroethene	3.087	96	86300	51.136	ug/l	99
22) Diisopropyl ether	3.745	45	337219	53.792	ug/l	89
23) Vinyl Acetate	3.709	43	1294922	258.092	ug/l	99
24) 1,1-Dichloroethane	3.599	63	174979	52.515	ug/l	100
25) 2-Butanone	4.532	43	269365	236.489	ug/l	99
26) 2,2-Dichloropropane	4.458	77	141274	51.006	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	109115	52.794	ug/l	98
28) Bromochloromethane	4.879	49	78038	53.648	ug/l	99
29) Tetrahydrofuran	4.977	42	161165	235.207	ug/l	99
30) Chloroform	5.074	83	182731	54.270	ug/l	96
31) Cyclohexane	5.452	56	135050	48.665	ug/l	99
32) 1,1,1-Trichloroethane	5.361	97	150394	52.659	ug/l	99
36) 1,1-Dichloropropene	5.678	75	112584	50.861	ug/l	99
37) Ethyl Acetate	4.696	43	114770	48.424	ug/l	98
38) Carbon Tetrachloride	5.660	117	127673	53.085	ug/l	94
39) Methylcyclohexane	7.360	83	129087	51.374	ug/l	98
40) Benzene	6.019	78	357908	53.235	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100325\
 Data File : VX047981.D
 Acq On : 03 Oct 2025 09:35
 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 :Mahesh Dadoda 10/06/2025
 Supervised By :Semsettin Yesilyurt 10/06/2025

Quant Time: Oct 03 23:40:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.891	41	65648	53.653	ug/l	97
42) 1,2-Dichloroethane	6.068	62	137806	53.871	ug/l	99
43) Isopropyl Acetate	6.318	43	191848	49.355	ug/l	99
44) Trichloroethene	7.104	130	86853	53.434	ug/l	97
45) 1,2-Dichloropropane	7.409	63	96150	55.851	ug/l	97
46) Dibromomethane	7.562	93	68555	54.722	ug/l	99
47) Bromodichloromethane	7.805	83	148015	57.255	ug/l	100
48) Methyl methacrylate	7.677	41	97016	50.106	ug/l	99
49) 1,4-Dioxane	7.641	88	21578	1102.746	ug/l	98
51) 4-Methyl-2-Pentanone	8.555	43	542948	251.926	ug/l	99
52) Toluene	8.702	92	223395	53.932	ug/l	99
53) t-1,3-Dichloropropene	8.958	75	148348	56.258	ug/l	97
54) cis-1,3-Dichloropropene	8.348	75	157563	55.904	ug/l	98
55) 1,1,2-Trichloroethane	9.134	97	89860	56.261	ug/l	98
56) Ethyl methacrylate	9.098	69	133902	53.383	ug/l	98
57) 1,3-Dichloropropane	9.293	76	154753	56.403	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.226	63	353607	291.841	ug/l	100
59) 2-Hexanone	9.415	43	377604	243.952	ug/l	99
60) Dibromochloromethane	9.506	129	107882	58.621	ug/l	99
61) 1,2-Dibromoethane	9.592	107	92132	56.633	ug/l	98
64) Tetrachloroethene	9.256	164	68331	50.133	ug/l	97
65) Chlorobenzene	10.061	112	252022	53.058	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.147	131	91236	55.663	ug/l	100
67) Ethyl Benzene	10.177	91	425670	51.938	ug/l	100
68) m/p-Xylenes	10.281	106	322983	105.878	ug/l	98
69) o-Xylene	10.622	106	155012	52.537	ug/l	100
70) Styrene	10.640	104	275937	53.373	ug/l	98
71) Bromoform	10.781	173	65700	53.681	ug/l #	99
73) Isopropylbenzene	10.945	105	401376	50.056	ug/l	99
74) N-amyl acetate	10.823	43	166829	45.625	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	120891	49.831	ug/l	98
76) 1,2,3-Trichloropropane	11.219	75	96759m	45.311	ug/l	
77) Bromobenzene	11.183	156	100047	50.659	ug/l	97
78) n-propylbenzene	11.287	91	475224	50.135	ug/l	99
79) 2-Chlorotoluene	11.348	91	288770	49.740	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	332856	50.525	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	38324	45.767	ug/l	98
82) 4-Chlorotoluene	11.433	91	344397	50.228	ug/l	99
83) tert-Butylbenzene	11.695	119	341046	50.571	ug/l	98
84) 1,2,4-Trimethylbenzene	11.732	105	336380	50.363	ug/l	100
85) sec-Butylbenzene	11.872	105	408921	51.049	ug/l	100
86) p-Isopropyltoluene	11.988	119	344044	50.732	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	187193	51.031	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	191722	50.924	ug/l	99
89) n-Butylbenzene	12.311	91	321357	51.212	ug/l	98
90) Hexachloroethane	12.518	117	63473	53.310	ug/l	97
91) 1,2-Dichlorobenzene	12.317	146	179594	51.390	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	22273	45.347	ug/l	98
93) 1,2,4-Trichlorobenzene	13.567	180	109403	48.169	ug/l	96
94) Hexachlorobutadiene	13.707	225	41607	53.932	ug/l	96
95) Naphthalene	13.756	128	325860	47.116	ug/l	100
96) 1,2,3-Trichlorobenzene	13.938	180	104550	49.485	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100325\
Data File : VX047981.D
Acq On : 03 Oct 2025 09:35
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 :Mahesh Dadoda 10/06/2025
Supervised By :Semsettin Yesilyurt 10/06/2025

Quant Time: Oct 03 23:40:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 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

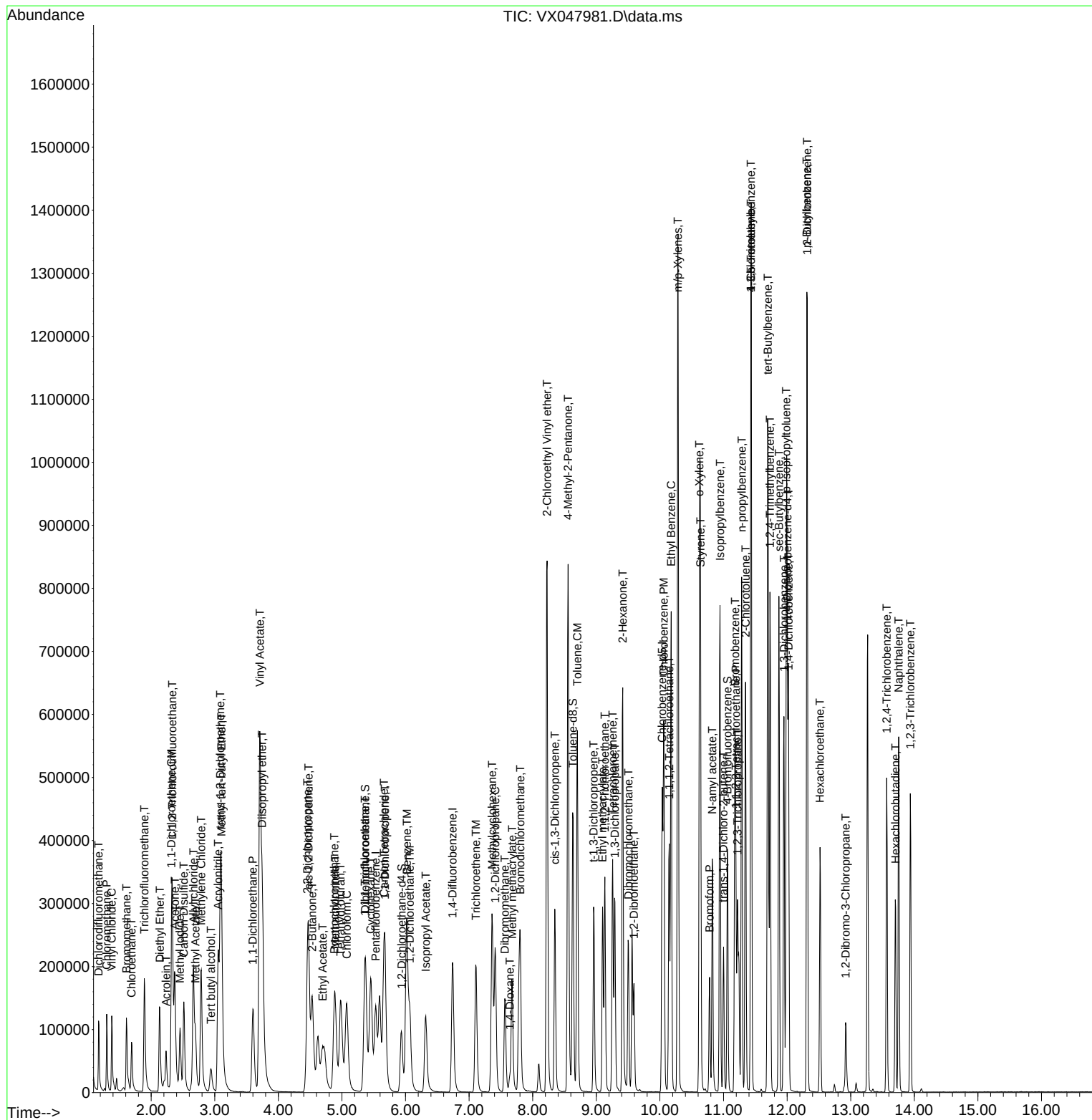
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100325\
Data File : VX047981.D
Acq On : 03 Oct 2025 09:35
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/06/2025
Supervised By :Semsettin Yesilyurt 10/06/2025

Quant Time: Oct 03 23:40:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100325\
 Data File : VX047981.D
 Acq On : 03 Oct 2025 09:35
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 03 23:40:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 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	76	-0.01
2 T	Dichlorodifluoromethane	0.518	0.577	-11.4	88	0.00
3 P	Chloromethane	0.680	0.659	3.1	76	0.00
4 C	Vinyl Chloride	0.666	0.682	-2.4#	79	0.00
5 T	Bromomethane	0.422	0.467	-10.7	84	0.00
6 T	Chloroethane	0.445	0.450	-1.1	77	0.00
7 T	Trichlorofluoromethane	0.989	1.066	-7.8	81	0.00
8 T	Diethyl Ether	0.405	0.423	-4.4	79	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.578	0.638	-10.4	83	0.00
10 T	Methyl Iodide	0.902	0.822	8.9	69	0.00
11 T	Tert butyl alcohol	0.089	0.076	14.6	64	0.00
12 CM	1,1-Dichloroethene	0.594	0.609	-2.5#	77	0.00
13 T	Acrolein	0.082	0.083	-1.2	77	0.00
14 T	Allyl chloride	1.226	1.181	3.7	74	0.00
15 T	Acrylonitrile	0.328	0.334	-1.8	73	-0.01
16 T	Acetone	0.346	0.321	7.2	77	0.00
17 T	Carbon Disulfide	1.626	1.511	7.1	73	0.00
18 T	Methyl Acetate	0.770	0.839	-9.0	73	0.00
19 T	Methyl tert-butyl Ether	2.169	2.219	-2.3	75	0.00
20 T	Methylene Chloride	0.732	0.762	-4.1	79	0.00
21 T	trans-1,2-Dichloroethene	0.640	0.654	-2.2	77	0.00
22 T	Diisopropyl ether	2.376	2.556	-7.6	79	-0.01
23 T	Vinyl Acetate	1.901	1.963	-3.3	75	0.00
24 P	1,1-Dichloroethane	1.263	1.326	-5.0	78	0.00
25 T	2-Butanone	0.432	0.408	5.6	71	0.00
26 T	2,2-Dichloropropane	1.050	1.071	-2.0	76	0.00
27 T	cis-1,2-Dichloroethene	0.783	0.827	-5.6	78	0.00
28 T	Bromochloromethane	0.551	0.591	-7.3	78	-0.01
29 T	Tetrahydrofuran	0.260	0.244	6.2	68	-0.01
30 C	Chloroform	1.276	1.385	-8.5#	80	0.00
31 T	Cyclohexane	1.052	1.024	2.7	76	0.00
32 T	1,1,1-Trichloroethane	1.082	1.140	-5.4	77	-0.01
33 S	1,2-Dichloroethane-d4	0.796	0.797	-0.1	79	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	73	0.00
35 S	Dibromofluoromethane	0.335	0.365	-9.0	81	0.00
36 T	1,1-Dichloropropene	0.490	0.498	-1.6	75	0.00
37 T	Ethyl Acetate	0.525	0.508	3.2	70	0.00
38 T	Carbon Tetrachloride	0.532	0.565	-6.2	77	-0.01
39 T	Methylcyclohexane	0.556	0.571	-2.7	74	0.00
40 TM	Benzene	1.488	1.585	-6.5	76	0.00
41 T	Methacrylonitrile	0.271	0.291	-7.4	75	-0.01
42 TM	1,2-Dichloroethane	0.566	0.610	-7.8	77	0.00
43 T	Isopropyl Acetate	0.860	0.849	1.3	70	0.00
44 TM	Trichloroethene	0.360	0.385	-6.9	76	0.00
45 C	1,2-Dichloropropane	0.381	0.426	-11.8#	79	0.00
46 T	Dibromomethane	0.277	0.304	-9.7	77	0.00
47 T	Bromodichloromethane	0.572	0.655	-14.5	79	0.00
48 T	Methyl methacrylate	0.429	0.430	-0.2	70	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100325\
 Data File : VX047981.D
 Acq On : 03 Oct 2025 09:35
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 03 23:40:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 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	0.004	0.005	-25.0	73	0.00
50 S	Toluene-d8	1.160	1.215	-4.7	78	0.00
51 T	4-Methyl-2-Pentanone	0.477	0.481	-0.8	69	0.00
52 CM	Toluene	0.917	0.989	-7.9#	77	0.00
53 T	t-1,3-Dichloropropene	0.584	0.657	-12.5	78	0.00
54 T	cis-1,3-Dichloropropene	0.624	0.698	-11.9	78	0.00
55 T	1,1,2-Trichloroethane	0.354	0.398	-12.4	80	0.00
56 T	Ethyl methacrylate	0.555	0.593	-6.8	73	0.00
57 T	1,3-Dichloropropane	0.607	0.685	-12.9	79	0.00
58 T	2-Chloroethyl Vinyl ether	0.227	0.313	-37.9#	84	0.00
59 T	2-Hexanone	0.343	0.334	2.6	68	0.00
60 T	Dibromochloromethane	0.407	0.478	-17.4	81	0.00
61 T	1,2-Dibromoethane	0.360	0.408	-13.3	79	0.00
62 S	4-Bromofluorobenzene	0.440	0.468	-6.4	81	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	77	0.00
64 T	Tetrachloroethene	0.326	0.327	-0.3	78	0.00
65 PM	Chlorobenzene	1.136	1.205	-6.1	79	0.00
66 T	1,1,1,2-Tetrachloroethane	0.392	0.436	-11.2	82	0.00
67 C	Ethyl Benzene	1.960	2.036	-3.9#	77	0.00
68 T	m/p-Xylenes	0.729	0.772	-5.9	78	0.00
69 T	o-Xylene	0.706	0.741	-5.0	77	0.00
70 T	Styrene	1.236	1.320	-6.8	79	0.00
71 P	Bromoform	0.293	0.314	-7.2	78	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	83	0.00
73 T	Isopropylbenzene	3.801	3.806	-0.1	78	0.00
74 T	N-amyl acetate	1.733	1.582	8.7	70	0.00
75 P	1,1,2,2-Tetrachloroethane	1.150	1.146	0.3	77	0.00
76 T	1,2,3-Trichloropropane	1.012	0.917	9.4	67	0.00
77 T	Bromobenzene	0.936	0.949	-1.4	79	0.00
78 T	n-propylbenzene	4.494	4.506	-0.3	78	0.00
79 T	2-Chlorotoluene	2.752	2.738	0.5	78	0.00
80 T	1,3,5-Trimethylbenzene	3.123	3.156	-1.1	78	0.00
81 T	trans-1,4-Dichloro-2-butene	0.397	0.363	8.6	72	0.00
82 T	4-Chlorotoluene	3.251	3.265	-0.4	79	0.00
83 T	tert-Butylbenzene	3.197	3.234	-1.2	79	0.00
84 T	1,2,4-Trimethylbenzene	3.166	3.189	-0.7	79	0.00
85 T	sec-Butylbenzene	3.797	3.877	-2.1	79	0.00
86 T	p-Isopropyltoluene	3.215	3.262	-1.5	79	0.00
87 T	1,3-Dichlorobenzene	1.739	1.775	-2.1	81	0.00
88 T	1,4-Dichlorobenzene	1.785	1.818	-1.8	82	0.00
89 T	n-Butylbenzene	2.975	3.047	-2.4	80	0.00
90 T	Hexachloroethane	0.564	0.602	-6.7	84	0.00
91 T	1,2-Dichlorobenzene	1.657	1.703	-2.8	81	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.233	0.211	9.4	69	0.00
93 T	1,2,4-Trichlorobenzene	1.077	1.037	3.7	74	0.00
94 T	Hexachlorobutadiene	0.366	0.394	-7.7	85	0.00
95 T	Naphthalene	3.279	3.090	5.8	72	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100325\
Data File : VX047981.D
Acq On : 03 Oct 2025 09:35
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Oct 03 23:40:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	1.002	0.991	1.1	75	0.00

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100325\
 Data File : VX047981.D
 Acq On : 03 Oct 2025 09:35
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 03 23:40:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 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	76	-0.01
2 T	Dichlorodifluoromethane	50.000	55.688	-11.4	88	0.00
3 P	Chloromethane	50.000	48.451	3.1	76	0.00
4 C	Vinyl Chloride	50.000	51.226	-2.5#	79	0.00
5 T	Bromomethane	50.000	55.285	-10.6	84	0.00
6 T	Chloroethane	50.000	50.536	-1.1	77	0.00
7 T	Trichlorofluoromethane	50.000	53.876	-7.8	81	0.00
8 T	Diethyl Ether	50.000	52.326	-4.7	79	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	55.140	-10.3	83	0.00
10 T	Methyl Iodide	50.000	45.574	8.9	69	0.00
11 T	Tert butyl alcohol	250.000	212.945	14.8	64	0.00
12 CM	1,1-Dichloroethene	50.000	51.300	-2.6#	77	0.00
13 T	Acrolein	250.000	252.910	-1.2	77	0.00
14 T	Allyl chloride	50.000	48.170	3.7	74	0.00
15 T	Acrylonitrile	250.000	254.160	-1.7	73	-0.01
16 T	Acetone	250.000	232.196	7.1	77	0.00
17 T	Carbon Disulfide	50.000	46.455	7.1	73	0.00
18 T	Methyl Acetate	50.000	54.445	-8.9	73	0.00
19 T	Methyl tert-butyl Ether	50.000	51.168	-2.3	75	0.00
20 T	Methylene Chloride	50.000	51.991	-4.0	79	0.00
21 T	trans-1,2-Dichloroethene	50.000	51.136	-2.3	77	0.00
22 T	Diisopropyl ether	50.000	53.792	-7.6	79	-0.01
23 T	Vinyl Acetate	250.000	258.092	-3.2	75	0.00
24 P	1,1-Dichloroethane	50.000	52.515	-5.0	78	0.00
25 T	2-Butanone	250.000	236.489	5.4	71	0.00
26 T	2,2-Dichloropropane	50.000	51.006	-2.0	76	0.00
27 T	cis-1,2-Dichloroethene	50.000	52.794	-5.6	78	0.00
28 T	Bromochloromethane	50.000	53.648	-7.3	78	-0.01
29 T	Tetrahydrofuran	250.000	235.207	5.9	68	-0.01
30 C	Chloroform	50.000	54.270	-8.5#	80	0.00
31 T	Cyclohexane	50.000	48.665	2.7	76	0.00
32 T	1,1,1-Trichloroethane	50.000	52.659	-5.3	77	-0.01
33 S	1,2-Dichloroethane-d4	50.000	50.073	-0.1	79	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	73	0.00
35 S	Dibromofluoromethane	50.000	54.487	-9.0	81	0.00
36 T	1,1-Dichloropropene	50.000	50.861	-1.7	75	0.00
37 T	Ethyl Acetate	50.000	48.424	3.2	70	0.00
38 T	Carbon Tetrachloride	50.000	53.085	-6.2	77	-0.01
39 T	Methylcyclohexane	50.000	51.374	-2.7	74	0.00
40 TM	Benzene	50.000	53.235	-6.5	76	0.00
41 T	Methacrylonitrile	50.000	53.653	-7.3	75	-0.01
42 TM	1,2-Dichloroethane	50.000	53.871	-7.7	77	0.00
43 T	Isopropyl Acetate	50.000	49.355	1.3	70	0.00
44 TM	Trichloroethene	50.000	53.434	-6.9	76	0.00
45 C	1,2-Dichloropropane	50.000	55.851	-11.7#	79	0.00
46 T	Dibromomethane	50.000	54.722	-9.4	77	0.00
47 T	Bromodichloromethane	50.000	57.255	-14.5	79	0.00
48 T	Methyl methacrylate	50.000	50.106	-0.2	70	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100325\
 Data File : VX047981.D
 Acq On : 03 Oct 2025 09:35
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 03 23:40:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 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	1102.746	-10.3	73	0.00
50 S	Toluene-d8	50.000	52.341	-4.7	78	0.00
51 T	4-Methyl-2-Pentanone	250.000	251.926	-0.8	69	0.00
52 CM	Toluene	50.000	53.932	-7.9#	77	0.00
53 T	t-1,3-Dichloropropene	50.000	56.258	-12.5	78	0.00
54 T	cis-1,3-Dichloropropene	50.000	55.904	-11.8	78	0.00
55 T	1,1,2-Trichloroethane	50.000	56.261	-12.5	80	0.00
56 T	Ethyl methacrylate	50.000	53.383	-6.8	73	0.00
57 T	1,3-Dichloropropane	50.000	56.403	-12.8	79	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	291.841	-16.7	84	0.00
59 T	2-Hexanone	250.000	243.952	2.4	68	0.00
60 T	Dibromochloromethane	50.000	58.621	-17.2	81	0.00
61 T	1,2-Dibromoethane	50.000	56.633	-13.3	79	0.00
62 S	4-Bromofluorobenzene	50.000	53.105	-6.2	81	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	77	0.00
64 T	Tetrachloroethene	50.000	50.133	-0.3	78	0.00
65 PM	Chlorobenzene	50.000	53.058	-6.1	79	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	55.663	-11.3	82	0.00
67 C	Ethyl Benzene	50.000	51.938	-3.9#	77	0.00
68 T	m/p-Xylenes	100.000	105.878	-5.9	78	0.00
69 T	o-Xylene	50.000	52.537	-5.1	77	0.00
70 T	Styrene	50.000	53.373	-6.7	79	0.00
71 P	Bromoform	50.000	53.681	-7.4	78	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	83	0.00
73 T	Isopropylbenzene	50.000	50.056	-0.1	78	0.00
74 T	N-amyl acetate	50.000	45.625	8.8	70	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	49.831	0.3	77	0.00
76 T	1,2,3-Trichloropropane	50.000	45.311	9.4	67	0.00
77 T	Bromobenzene	50.000	50.659	-1.3	79	0.00
78 T	n-propylbenzene	50.000	50.135	-0.3	78	0.00
79 T	2-Chlorotoluene	50.000	49.740	0.5	78	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.525	-1.0	78	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	45.767	8.5	72	0.00
82 T	4-Chlorotoluene	50.000	50.228	-0.5	79	0.00
83 T	tert-Butylbenzene	50.000	50.571	-1.1	79	0.00
84 T	1,2,4-Trimethylbenzene	50.000	50.363	-0.7	79	0.00
85 T	sec-Butylbenzene	50.000	51.049	-2.1	79	0.00
86 T	p-Isopropyltoluene	50.000	50.732	-1.5	79	0.00
87 T	1,3-Dichlorobenzene	50.000	51.031	-2.1	81	0.00
88 T	1,4-Dichlorobenzene	50.000	50.924	-1.8	82	0.00
89 T	n-Butylbenzene	50.000	51.212	-2.4	80	0.00
90 T	Hexachloroethane	50.000	53.310	-6.6	84	0.00
91 T	1,2-Dichlorobenzene	50.000	51.390	-2.8	81	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	45.347	9.3	69	0.00
93 T	1,2,4-Trichlorobenzene	50.000	48.169	3.7	74	0.00
94 T	Hexachlorobutadiene	50.000	53.932	-7.9	85	0.00
95 T	Naphthalene	50.000	47.116	5.8	72	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100325\
Data File : VX047981.D
Acq On : 03 Oct 2025 09:35
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Oct 03 23:40:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 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	49.485	1.0	75	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:	<u>Alliance</u>	Contract:	<u>LOCK01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3202</u>
Instrument ID:	<u>MSVOA_X</u>	Calibration Date/Time:	<u>10/06/2025 08:54</u>
Lab File ID:	<u>VX048009.D</u>	Init. Calib. Date(s):	<u>09/16/2025 09/16/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Init. Calib. Time(s):	<u>09:23 12:01</u>
GC Column:	<u>DB-624UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Vinyl Chloride	0.666	0.691		3.75	20
Chloroethane	0.445	0.444		-0.22	20
Trichlorofluoromethane	0.989	1.092		10.41	20
1,1-Dichloroethene	0.594	0.601		1.18	20
Acrylonitrile	0.328	0.314		-4.27	20
Acetone	0.346	0.342		-1.16	20
Carbon Disulfide	1.626	1.517		-6.7	20
Methylene Chloride	0.732	0.697		-4.78	20
Vinyl Acetate	1.901	1.777		-6.52	20
2-Butanone	0.432	0.396		-8.33	20
Carbon Tetrachloride	0.532	0.573		7.71	20
cis-1,2-Dichloroethene	0.783	0.750		-4.22	20
Bromochloromethane	0.551	0.549		-0.36	20
Chloroform	1.276	1.253		-1.8	20
1,1,1-Trichloroethane	1.082	1.094		1.11	20
Benzene	1.488	1.493		0.34	20
1,2-Dichloropropane	0.381	0.395		3.67	20
Dibromomethane	0.277	0.275		-0.72	20
Bromodichloromethane	0.572	0.607		6.12	20
4-Methyl-2-Pentanone	0.477	0.457		-4.19	20
Toluene	0.917	0.910		-0.76	20
t-1,3-Dichloropropene	0.584	0.576		-1.37	20
cis-1,3-Dichloropropene	0.624	0.627		0.48	20
2-Hexanone	0.343	0.319		-7	20
Dibromochloromethane	0.407	0.436		7.13	20
1,2-Dibromoethane	0.360	0.364		1.11	20
Tetrachloroethene	0.326	0.330		1.23	20
Chlorobenzene	1.136	1.153	0.3	1.5	20
1,1,1,2-Tetrachloroethane	0.392	0.421		7.4	20
Ethyl Benzene	1.960	1.991		1.58	20
m/p-Xylenes	0.729	0.745		2.19	20
o-Xylene	0.706	0.712		0.85	20
Styrene	1.236	1.248		0.97	20
Bromoform	0.293	0.313	0.1	6.83	20
1,1,2,2-Tetrachloroethane	1.150	1.131	0.3	-1.65	20
1,2,3-Trichloropropane	1.012	0.916		-9.49	20
1,4-Dichlorobenzene	1.785	1.698		-4.87	20
1,2-Dichlorobenzene	1.657	1.632		-1.51	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:	<u>Alliance</u>	Contract:	<u>LOCK01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3202</u>
Instrument ID:	<u>MSVOA_X</u>	Calibration Date/Time:	<u>10/06/2025 08:54</u>
Lab File ID:	<u>VX048009.D</u>	Init. Calib. Date(s):	<u>09/16/2025 09/16/2025</u>
Heated Purge: (Y/N)	<u>N</u>	Init. Calib. Time(s):	<u>09:23 12:01</u>
GC Column:	<u>DB-624UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
1,2-Dibromo-3-Chloropropane	0.233	0.217		-6.87	20
1,2-Dichloroethane-d4	0.796	0.715		-10.18	20
Dibromofluoromethane	0.335	0.352		5.07	20
Toluene-d8	1.160	1.165		0.43	20
4-Bromofluorobenzene	0.440	0.426		-3.18	20
Methyl Iodide	0.902	0.775		-14.08	20
trans-1,4-Dichloro-2-butene	0.397	0.360		-9.32	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\VX100625\
 Data File : VX048009.D
 Acq On : 06 Oct 2025 08:54
 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 10/07/2025
 Supervised By :Mahesh Dadoda 10/07/2025

Quant Time: Oct 07 02:05:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.532	168	169040	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.739	114	276640	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	239951	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.000	152	117957	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.928	65	120862	44.919	ug/l	-0.01
Spiked Amount 50.000	Range 78 - 117		Recovery =	89.840%		
35) Dibromofluoromethane	5.367	113	97393	52.494	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.980%		
50) Toluene-d8	8.629	98	322232	50.194	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.380%		
62) 4-Bromofluorobenzene	11.061	95	117851	48.371	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.740%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	102188	58.379	ug/l	100
3) Chloromethane	1.301	50	107487	46.722	ug/l	99
4) Vinyl Chloride	1.380	62	116812	51.871	ug/l	100
5) Bromomethane	1.612	94	71155	49.828	ug/l	97
6) Chloroethane	1.691	64	75094	49.891	ug/l	100
7) Trichlorofluoromethane	1.892	101	184667	55.228	ug/l	100
8) Diethyl Ether	2.130	74	65241	47.697	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	111026	56.786	ug/l	99
10) Methyl Iodide	2.453	142	131030	42.971	ug/l	98
11) Tert butyl alcohol	2.941	59	59488	198.511	ug/l	99
12) 1,1-Dichloroethene	2.319	96	101569	50.573	ug/l	99
13) Acrolein	2.233	56	73448	265.969	ug/l	99
14) Allyl chloride	2.660	41	186517	45.005	ug/l	98
15) Acrylonitrile	3.050	53	265215	238.932	ug/l	99
16) Acetone	2.368	43	288946	246.979	ug/l	100
17) Carbon Disulfide	2.514	76	256423	46.638	ug/l	99
18) Methyl Acetate	2.697	43	134266	51.568	ug/l	100
19) Methyl tert-butyl Ether	3.105	73	345346	47.105	ug/l	99
20) Methylene Chloride	2.782	84	117793	47.566	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	105309	48.703	ug/l	97
22) Diisopropyl ether	3.745	45	389459	48.489	ug/l	94
23) Vinyl Acetate	3.709	43	1501578	233.591	ug/l	99
24) 1,1-Dichloroethane	3.599	63	211216	49.477	ug/l	98
25) 2-Butanone	4.526	43	334930	229.510	ug/l	96
26) 2,2-Dichloropropane	4.459	77	177527	50.027	ug/l	100
27) cis-1,2-Dichloroethene	4.471	96	126753	47.867	ug/l	99
28) Bromochloromethane	4.873	49	92864	49.828	ug/l	99
29) Tetrahydrofuran	4.977	42	186717	212.686	ug/l	99
30) Chloroform	5.068	83	211869	49.113	ug/l	99
31) Cyclohexane	5.452	56	162560	45.720	ug/l	97
32) 1,1,1-Trichloroethane	5.355	97	184962	50.548	ug/l	99
36) 1,1-Dichloropropene	5.672	75	135311	49.911	ug/l	99
37) Ethyl Acetate	4.690	43	131315	45.238	ug/l	99
38) Carbon Tetrachloride	5.654	117	158503	53.810	ug/l	98
39) Methylcyclohexane	7.361	83	155729	50.604	ug/l	98
40) Benzene	6.013	78	413003	50.158	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100625\
 Data File : VX048009.D
 Acq On : 06 Oct 2025 08:54
 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 10/07/2025
 Supervised By : Mahesh Dadoda 10/07/2025

Quant Time: Oct 07 02:05:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.898	41	74863	49.957	ug/l	98
42) 1,2-Dichloroethane	6.062	62	153262	48.919	ug/l	98
43) Isopropyl Acetate	6.312	43	222292	46.693	ug/l	100
44) Trichloroethene	7.104	130	101790	51.133	ug/l	94
45) 1,2-Dichloropropane	7.409	63	109279	51.829	ug/l	99
46) Dibromomethane	7.562	93	76086	49.590	ug/l	99
47) Bromodichloromethane	7.799	83	167889	53.026	ug/l	99
48) Methyl methacrylate	7.671	41	108787	45.876	ug/l	98
49) 1,4-Dioxane	7.641	88	27008	1126.978	ug/l	97
51) 4-Methyl-2-Pentanone	8.555	43	631502	239.248	ug/l	99
52) Toluene	8.702	92	251838	49.643	ug/l	99
53) t-1,3-Dichloropropene	8.958	75	159240	49.308	ug/l	100
54) cis-1,3-Dichloropropene	8.348	75	173552	50.278	ug/l	99
55) 1,1,2-Trichloroethane	9.135	97	98329	50.267	ug/l	99
56) Ethyl methacrylate	9.098	69	146299	47.623	ug/l	99
57) 1,3-Dichloropropane	9.287	76	167707	49.908	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.220	63	384363	261.089	ug/l	99
59) 2-Hexanone	9.409	43	441826	233.065	ug/l	99
60) Dibromochloromethane	9.500	129	120589	53.502	ug/l	99
61) 1,2-Dibromoethane	9.592	107	100772	50.578	ug/l	97
64) Tetrachloroethene	9.257	164	79177	50.617	ug/l	96
65) Chlorobenzene	10.061	112	276694	50.758	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.147	131	100969	53.676	ug/l	100
67) Ethyl Benzene	10.177	91	477713	50.790	ug/l	99
68) m/p-Xylenes	10.281	106	357562	102.135	ug/l	100
69) o-Xylene	10.622	106	170862	50.459	ug/l	99
70) Styrene	10.634	104	299383	50.459	ug/l	99
71) Bromoform	10.781	173	75006	53.401	ug/l #	99
73) Isopropylbenzene	10.945	105	451831	50.384	ug/l	99
74) N-amyl acetate	10.823	43	185898	45.458	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	133407	49.169	ug/l	99
76) 1,2,3-Trichloropropane	11.220	75	108038m	45.237	ug/l	
77) Bromobenzene	11.177	156	108171	48.975	ug/l	98
78) n-propylbenzene	11.287	91	538617	50.808	ug/l	100
79) 2-Chlorotoluene	11.348	91	320546	49.368	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	371973	50.486	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.000	75	42487	45.367	ug/l	98
82) 4-Chlorotoluene	11.433	91	378575	49.367	ug/l	100
83) tert-Butylbenzene	11.695	119	374448	49.646	ug/l	100
84) 1,2,4-Trimethylbenzene	11.732	105	368716	49.361	ug/l	99
85) sec-Butylbenzene	11.872	105	456705	50.978	ug/l	100
86) p-Isopropyltoluene	11.988	119	381535	50.304	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	199939	48.736	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	200253	47.560	ug/l	99
89) n-Butylbenzene	12.311	91	357046	50.876	ug/l	99
90) Hexachloroethane	12.518	117	71652	53.809	ug/l	99
91) 1,2-Dichlorobenzene	12.317	146	192479	49.247	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	25544	46.501	ug/l	99
93) 1,2,4-Trichlorobenzene	13.567	180	119265	46.952	ug/l	98
94) Hexachlorobutadiene	13.707	225	41507	48.107	ug/l	99
95) Naphthalene	13.756	128	346829	44.839	ug/l	100
96) 1,2,3-Trichlorobenzene	13.939	180	111480	47.179	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100625\
Data File : VX048009.D
Acq On : 06 Oct 2025 08:54
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 10/07/2025
Supervised By :Mahesh Dadoda 10/07/2025

Quant Time: Oct 07 02:05:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 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

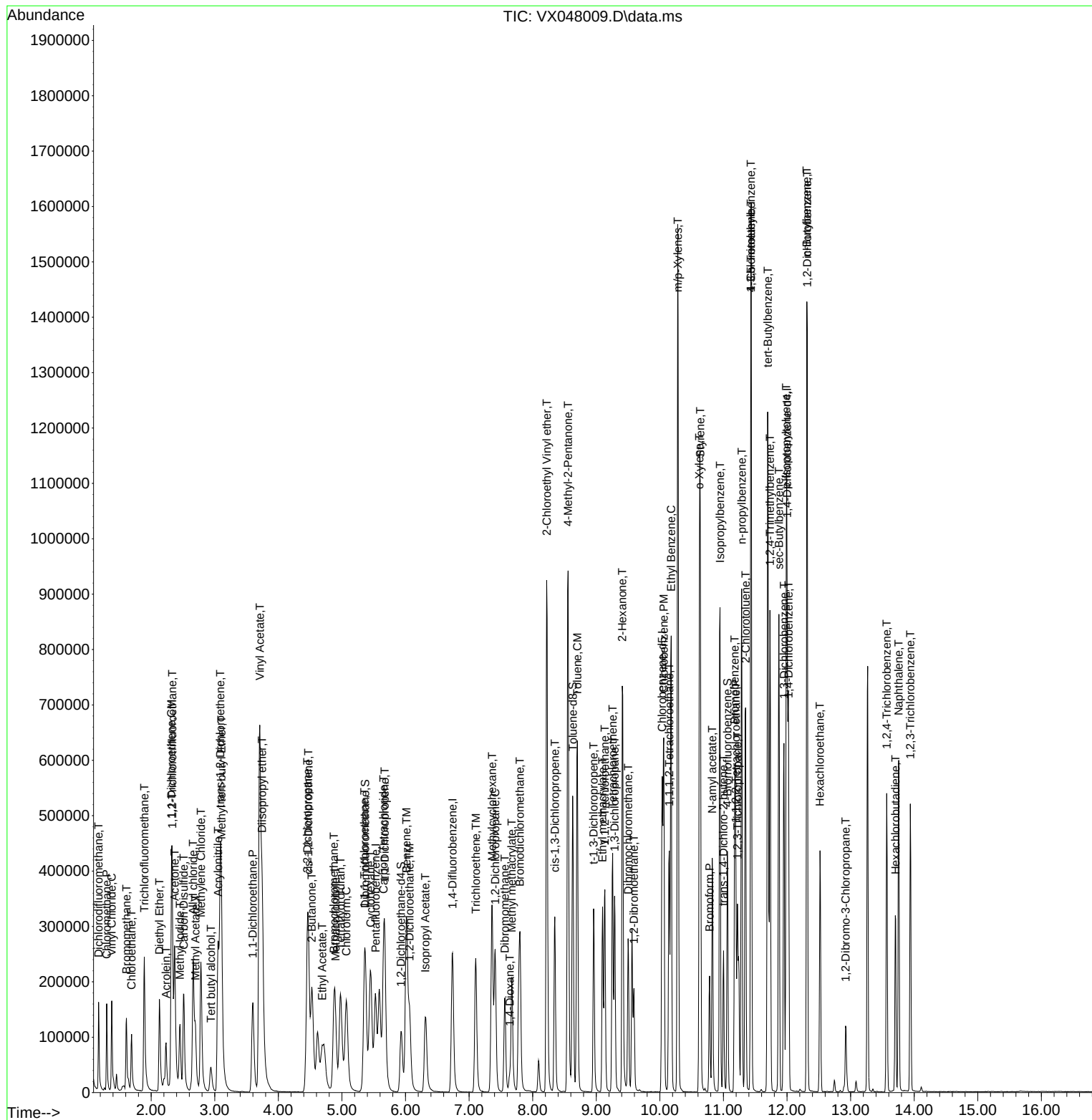
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100625\
Data File : VX048009.D
Acq On : 06 Oct 2025 08:54
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 10/07/2025
Supervised By :Mahesh Dadoda 10/07/2025

Quant Time: Oct 07 02:05:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
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Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100625\
 Data File : VX048009.D
 Acq On : 06 Oct 2025 08:54
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
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Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 07 02:05:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 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	97	-0.01
2 T	Dichlorodifluoromethane	0.518	0.605	-16.8	118	0.00
3 P	Chloromethane	0.680	0.636	6.5	94	0.00
4 C	Vinyl Chloride	0.666	0.691	-3.8#	102	0.00
5 T	Bromomethane	0.422	0.421	0.2	97	0.00
6 T	Chloroethane	0.445	0.444	0.2	98	0.00
7 T	Trichlorofluoromethane	0.989	1.092	-10.4	107	0.00
8 T	Diethyl Ether	0.405	0.386	4.7	92	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.578	0.657	-13.7	110	0.00
10 T	Methyl Iodide	0.902	0.775	14.1	83	0.00
11 T	Tert butyl alcohol	0.089	0.070	21.3	77	0.00
12 CM	1,1-Dichloroethene	0.594	0.601	-1.2#	97	0.00
13 T	Acrolein	0.082	0.087	-6.1	104	0.00
14 T	Allyl chloride	1.226	1.103	10.0	89	0.00
15 T	Acrylonitrile	0.328	0.314	4.3	88	-0.01
16 T	Acetone	0.346	0.342	1.2	105	0.00
17 T	Carbon Disulfide	1.626	1.517	6.7	94	0.00
18 T	Methyl Acetate	0.770	0.794	-3.1	88	0.00
19 T	Methyl tert-butyl Ether	2.169	2.043	5.8	89	0.00
20 T	Methylene Chloride	0.732	0.697	4.8	93	0.00
21 T	trans-1,2-Dichloroethene	0.640	0.623	2.7	94	0.00
22 T	Diisopropyl ether	2.376	2.304	3.0	91	-0.01
23 T	Vinyl Acetate	1.901	1.777	6.5	87	0.00
24 P	1,1-Dichloroethane	1.263	1.250	1.0	94	0.00
25 T	2-Butanone	0.432	0.396	8.3	88	-0.01
26 T	2,2-Dichloropropane	1.050	1.050	0.0	96	0.00
27 T	cis-1,2-Dichloroethene	0.783	0.750	4.2	90	-0.01
28 T	Bromochloromethane	0.551	0.549	0.4	93	-0.02
29 T	Tetrahydrofuran	0.260	0.221	15.0	78	-0.01
30 C	Chloroform	1.276	1.253	1.8#	92	-0.01
31 T	Cyclohexane	1.052	0.962	8.6	91	0.00
32 T	1,1,1-Trichloroethane	1.082	1.094	-1.1	95	-0.02
33 S	1,2-Dichloroethane-d4	0.796	0.715	10.2	90	-0.01
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	90	0.00
35 S	Dibromofluoromethane	0.335	0.352	-5.1	96	0.00
36 T	1,1-Dichloropropene	0.490	0.489	0.2	90	-0.01
37 T	Ethyl Acetate	0.525	0.475	9.5	80	-0.01
38 T	Carbon Tetrachloride	0.532	0.573	-7.7	96	-0.02
39 T	Methylcyclohexane	0.556	0.563	-1.3	90	0.00
40 TM	Benzene	1.488	1.493	-0.3	88	-0.01
41 T	Methacrylonitrile	0.271	0.271	0.0	85	0.00
42 TM	1,2-Dichloroethane	0.566	0.554	2.1	86	-0.01
43 T	Isopropyl Acetate	0.860	0.804	6.5	81	-0.01
44 TM	Trichloroethene	0.360	0.368	-2.2	89	0.00
45 C	1,2-Dichloropropane	0.381	0.395	-3.7#	89	0.00
46 T	Dibromomethane	0.277	0.275	0.7	86	0.00
47 T	Bromodichloromethane	0.572	0.607	-6.1	90	0.00
48 T	Methyl methacrylate	0.429	0.393	8.4	79	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100625\
 Data File : VX048009.D
 Acq On : 06 Oct 2025 08:54
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 07 02:05:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 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	0.004	0.005	-25.0	92	0.00
50 S	Toluene-d8	1.160	1.165	-0.4	91	0.00
51 T	4-Methyl-2-Pentanone	0.477	0.457	4.2	80	0.00
52 CM	Toluene	0.917	0.910	0.8#	87	0.00
53 T	t-1,3-Dichloropropene	0.584	0.576	1.4	84	0.00
54 T	cis-1,3-Dichloropropene	0.624	0.627	-0.5	86	0.00
55 T	1,1,2-Trichloroethane	0.354	0.355	-0.3	87	0.00
56 T	Ethyl methacrylate	0.555	0.529	4.7	79	0.00
57 T	1,3-Dichloropropane	0.607	0.606	0.2	86	0.00
58 T	2-Chloroethyl Vinyl ether	0.227	0.278	-22.5	92	0.00
59 T	2-Hexanone	0.343	0.319	7.0	80	0.00
60 T	Dibromochloromethane	0.407	0.436	-7.1	90	0.00
61 T	1,2-Dibromoethane	0.360	0.364	-1.1	87	0.00
62 S	4-Bromofluorobenzene	0.440	0.426	3.2	90	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	89	0.00
64 T	Tetrachloroethene	0.326	0.330	-1.2	90	0.00
65 PM	Chlorobenzene	1.136	1.153	-1.5	87	0.00
66 T	1,1,1,2-Tetrachloroethane	0.392	0.421	-7.4	90	0.00
67 C	Ethyl Benzene	1.960	1.991	-1.6#	87	0.00
68 T	m/p-Xylenes	0.729	0.745	-2.2	87	0.00
69 T	o-Xylene	0.706	0.712	-0.8	84	0.00
70 T	Styrene	1.236	1.248	-1.0	85	0.00
71 P	Bromoform	0.293	0.313	-6.8	89	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	92	0.00
73 T	Isopropylbenzene	3.801	3.830	-0.8	87	0.00
74 T	N-amyl acetate	1.733	1.576	9.1	78	0.00
75 P	1,1,2,2-Tetrachloroethane	1.150	1.131	1.7	85	0.00
76 T	1,2,3-Trichloropropane	1.012	0.916	9.5	75	0.00
77 T	Bromobenzene	0.936	0.917	2.0	86	0.00
78 T	n-propylbenzene	4.494	4.566	-1.6	88	0.00
79 T	2-Chlorotoluene	2.752	2.717	1.3	86	0.00
80 T	1,3,5-Trimethylbenzene	3.123	3.153	-1.0	87	0.00
81 T	trans-1,4-Dichloro-2-butene	0.397	0.360	9.3	80	0.00
82 T	4-Chlorotoluene	3.251	3.209	1.3	86	0.00
83 T	tert-Butylbenzene	3.197	3.174	0.7	87	0.00
84 T	1,2,4-Trimethylbenzene	3.166	3.126	1.3	86	0.00
85 T	sec-Butylbenzene	3.797	3.872	-2.0	89	0.00
86 T	p-Isopropyltoluene	3.215	3.235	-0.6	87	0.00
87 T	1,3-Dichlorobenzene	1.739	1.695	2.5	86	0.00
88 T	1,4-Dichlorobenzene	1.785	1.698	4.9	86	0.00
89 T	n-Butylbenzene	2.975	3.027	-1.7	89	0.00
90 T	Hexachloroethane	0.564	0.607	-7.6	95	0.00
91 T	1,2-Dichlorobenzene	1.657	1.632	1.5	86	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.233	0.217	6.9	79	0.00
93 T	1,2,4-Trichlorobenzene	1.077	1.011	6.1	81	0.00
94 T	Hexachlorobutadiene	0.366	0.352	3.8	85	0.00
95 T	Naphthalene	3.279	2.940	10.3	77	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100625\
Data File : VX048009.D
Acq On : 06 Oct 2025 08:54
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Oct 07 02:05:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	1.002	0.945	5.7	80	0.00

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100625\
 Data File : VX048009.D
 Acq On : 06 Oct 2025 08:54
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 07 02:05:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 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	97	-0.01
2 T	Dichlorodifluoromethane	50.000	58.379	-16.8	118	0.00
3 P	Chloromethane	50.000	46.722	6.6	94	0.00
4 C	Vinyl Chloride	50.000	51.871	-3.7#	102	0.00
5 T	Bromomethane	50.000	49.828	0.3	97	0.00
6 T	Chloroethane	50.000	49.891	0.2	98	0.00
7 T	Trichlorofluoromethane	50.000	55.228	-10.5	107	0.00
8 T	Diethyl Ether	50.000	47.697	4.6	92	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	56.786	-13.6	110	0.00
10 T	Methyl Iodide	50.000	42.971	14.1	83	0.00
11 T	Tert butyl alcohol	250.000	198.511	20.6	77	0.00
12 CM	1,1-Dichloroethene	50.000	50.573	-1.1#	97	0.00
13 T	Acrolein	250.000	265.969	-6.4	104	0.00
14 T	Allyl chloride	50.000	45.005	10.0	89	0.00
15 T	Acrylonitrile	250.000	238.932	4.4	88	-0.01
16 T	Acetone	250.000	246.979	1.2	105	0.00
17 T	Carbon Disulfide	50.000	46.638	6.7	94	0.00
18 T	Methyl Acetate	50.000	51.568	-3.1	88	0.00
19 T	Methyl tert-butyl Ether	50.000	47.105	5.8	89	0.00
20 T	Methylene Chloride	50.000	47.566	4.9	93	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.703	2.6	94	0.00
22 T	Diisopropyl ether	50.000	48.489	3.0	91	-0.01
23 T	Vinyl Acetate	250.000	233.591	6.6	87	0.00
24 P	1,1-Dichloroethane	50.000	49.477	1.0	94	0.00
25 T	2-Butanone	250.000	229.510	8.2	88	-0.01
26 T	2,2-Dichloropropane	50.000	50.027	-0.1	96	0.00
27 T	cis-1,2-Dichloroethene	50.000	47.867	4.3	90	-0.01
28 T	Bromochloromethane	50.000	49.828	0.3	93	-0.02
29 T	Tetrahydrofuran	250.000	212.686	14.9	78	-0.01
30 C	Chloroform	50.000	49.113	1.8#	92	-0.01
31 T	Cyclohexane	50.000	45.720	8.6	91	0.00
32 T	1,1,1-Trichloroethane	50.000	50.548	-1.1	95	-0.02
33 S	1,2-Dichloroethane-d4	50.000	44.919	10.2	90	-0.01
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	90	0.00
35 S	Dibromofluoromethane	50.000	52.494	-5.0	96	0.00
36 T	1,1-Dichloropropene	50.000	49.911	0.2	90	-0.01
37 T	Ethyl Acetate	50.000	45.238	9.5	80	-0.01
38 T	Carbon Tetrachloride	50.000	53.810	-7.6	96	-0.02
39 T	Methylcyclohexane	50.000	50.604	-1.2	90	0.00
40 TM	Benzene	50.000	50.158	-0.3	88	-0.01
41 T	Methacrylonitrile	50.000	49.957	0.1	85	0.00
42 TM	1,2-Dichloroethane	50.000	48.919	2.2	86	-0.01
43 T	Isopropyl Acetate	50.000	46.693	6.6	81	-0.01
44 TM	Trichloroethene	50.000	51.133	-2.3	89	0.00
45 C	1,2-Dichloropropane	50.000	51.829	-3.7#	89	0.00
46 T	Dibromomethane	50.000	49.590	0.8	86	0.00
47 T	Bromodichloromethane	50.000	53.026	-6.1	90	0.00
48 T	Methyl methacrylate	50.000	45.876	8.2	79	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100625\
 Data File : VX048009.D
 Acq On : 06 Oct 2025 08:54
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 07 02:05:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 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	1126.978	-12.7	92	0.00
50 S	Toluene-d8	50.000	50.194	-0.4	91	0.00
51 T	4-Methyl-2-Pentanone	250.000	239.248	4.3	80	0.00
52 CM	Toluene	50.000	49.643	0.7#	87	0.00
53 T	t-1,3-Dichloropropene	50.000	49.308	1.4	84	0.00
54 T	cis-1,3-Dichloropropene	50.000	50.278	-0.6	86	0.00
55 T	1,1,2-Trichloroethane	50.000	50.267	-0.5	87	0.00
56 T	Ethyl methacrylate	50.000	47.623	4.8	79	0.00
57 T	1,3-Dichloropropane	50.000	49.908	0.2	86	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	261.089	-4.4	92	0.00
59 T	2-Hexanone	250.000	233.065	6.8	80	0.00
60 T	Dibromochloromethane	50.000	53.502	-7.0	90	0.00
61 T	1,2-Dibromoethane	50.000	50.578	-1.2	87	0.00
62 S	4-Bromofluorobenzene	50.000	48.371	3.3	90	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	89	0.00
64 T	Tetrachloroethene	50.000	50.617	-1.2	90	0.00
65 PM	Chlorobenzene	50.000	50.758	-1.5	87	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	53.676	-7.4	90	0.00
67 C	Ethyl Benzene	50.000	50.790	-1.6#	87	0.00
68 T	m/p-Xylenes	100.000	102.135	-2.1	87	0.00
69 T	o-Xylene	50.000	50.459	-0.9	84	0.00
70 T	Styrene	50.000	50.459	-0.9	85	0.00
71 P	Bromoform	50.000	53.401	-6.8	89	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	92	0.00
73 T	Isopropylbenzene	50.000	50.384	-0.8	87	0.00
74 T	N-amyl acetate	50.000	45.458	9.1	78	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	49.169	1.7	85	0.00
76 T	1,2,3-Trichloropropane	50.000	45.237	9.5	75	0.00
77 T	Bromobenzene	50.000	48.975	2.0	86	0.00
78 T	n-propylbenzene	50.000	50.808	-1.6	88	0.00
79 T	2-Chlorotoluene	50.000	49.368	1.3	86	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.486	-1.0	87	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	45.367	9.3	80	0.00
82 T	4-Chlorotoluene	50.000	49.367	1.3	86	0.00
83 T	tert-Butylbenzene	50.000	49.646	0.7	87	0.00
84 T	1,2,4-Trimethylbenzene	50.000	49.361	1.3	86	0.00
85 T	sec-Butylbenzene	50.000	50.978	-2.0	89	0.00
86 T	p-Isopropyltoluene	50.000	50.304	-0.6	87	0.00
87 T	1,3-Dichlorobenzene	50.000	48.736	2.5	86	0.00
88 T	1,4-Dichlorobenzene	50.000	47.560	4.9	86	0.00
89 T	n-Butylbenzene	50.000	50.876	-1.8	89	0.00
90 T	Hexachloroethane	50.000	53.809	-7.6	95	0.00
91 T	1,2-Dichlorobenzene	50.000	49.247	1.5	86	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	46.501	7.0	79	0.00
93 T	1,2,4-Trichlorobenzene	50.000	46.952	6.1	81	0.00
94 T	Hexachlorobutadiene	50.000	48.107	3.8	85	0.00
95 T	Naphthalene	50.000	44.839	10.3	77	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100625\
Data File : VX048009.D
Acq On : 06 Oct 2025 08:54
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Oct 07 02:05:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 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	47.179	5.6	80	0.00

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



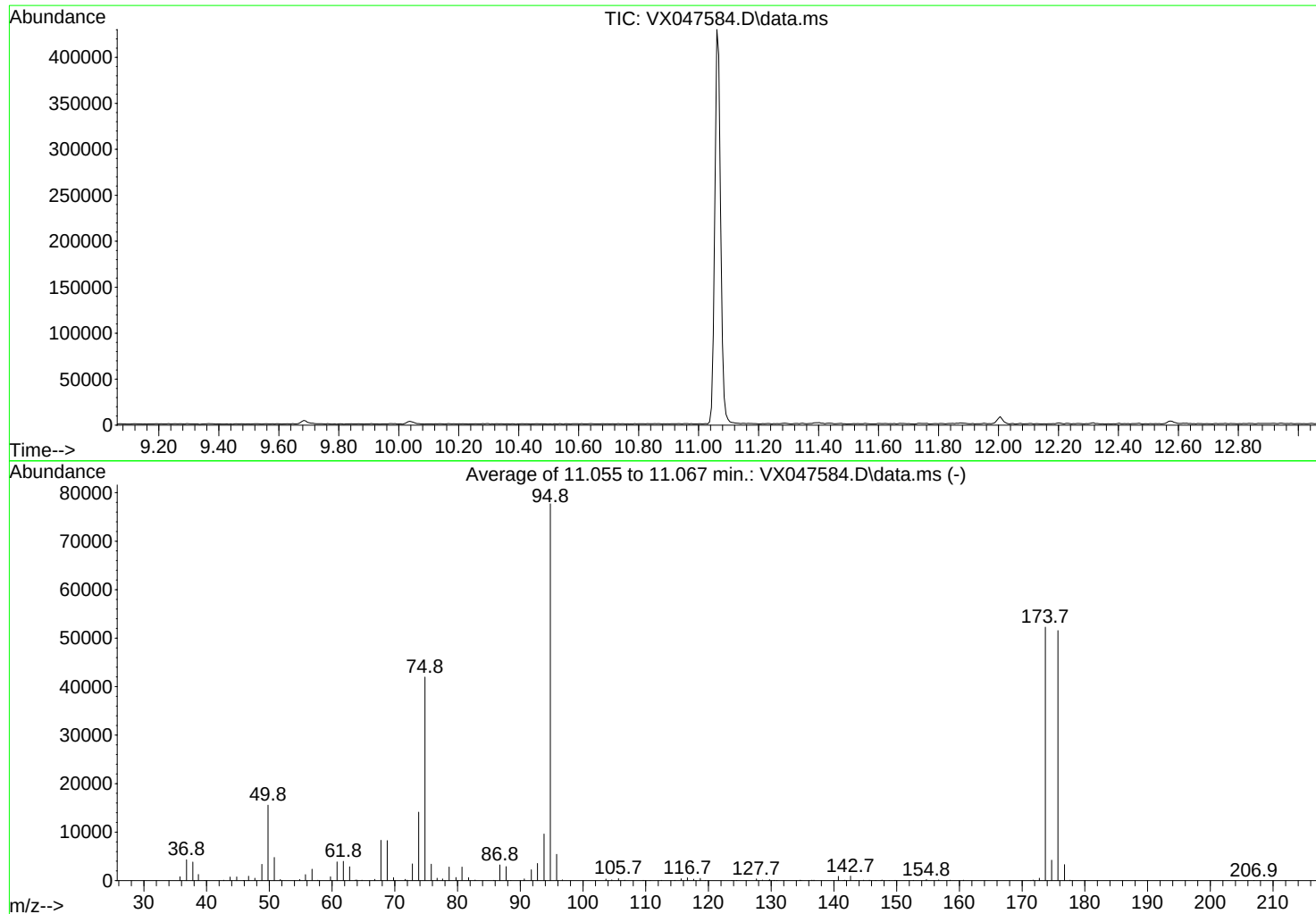
QC SAMPLE DATA

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047584.D
Acq On : 16 Sep 2025 08:56
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\82X091625W.M
Title : SW846 8260
Last Update : Wed Sep 17 06:39:58 2025



AutoFind: Scans 1635, 1636, 1637; Background Corrected with Scan 1628

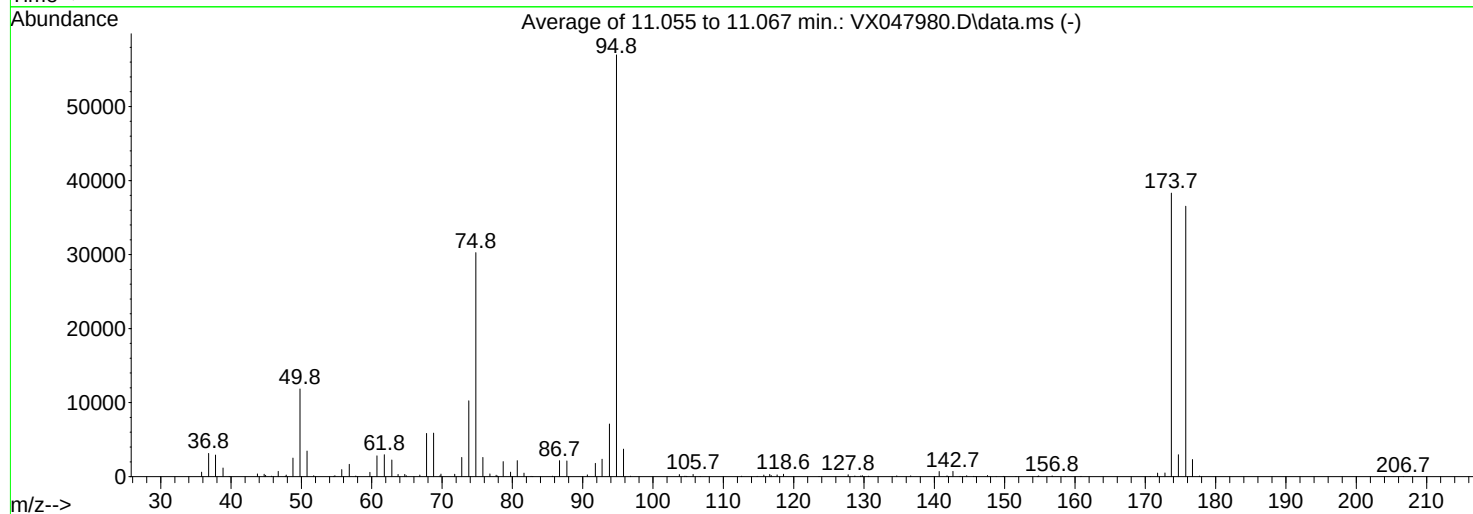
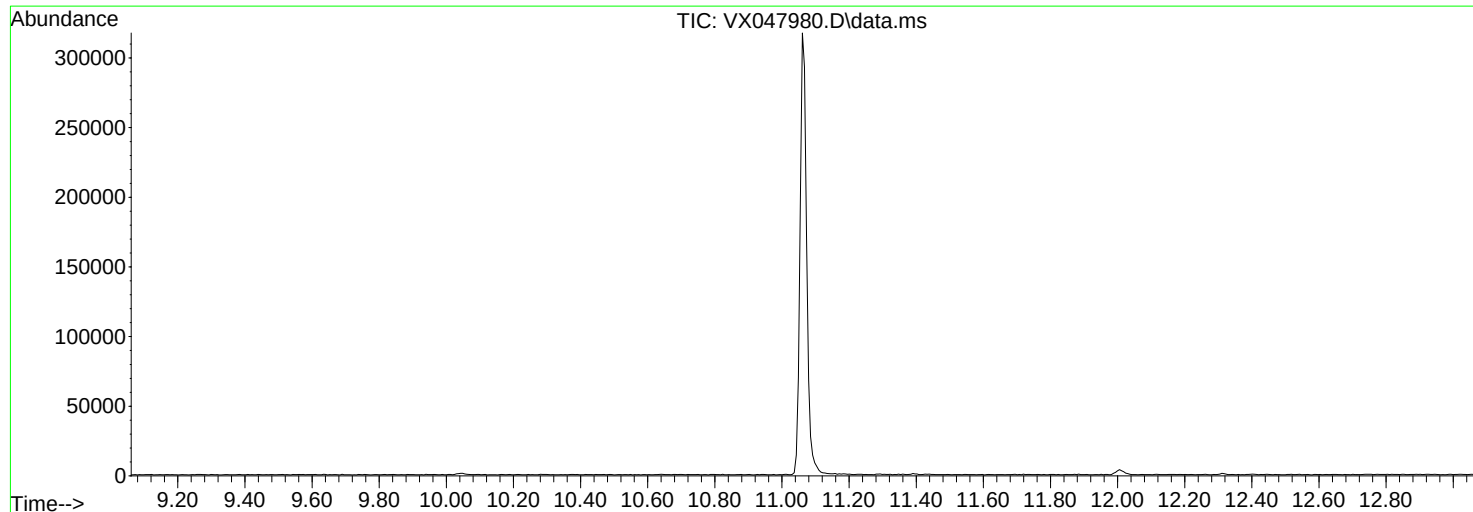
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	20.0	15566	PASS
75	95	30	60	54.0	41979	PASS
95	95	100	100	100.0	77717	PASS
96	95	5	9	7.0	5432	PASS
173	174	0.00	2	1.0	507	PASS
174	95	50	100	67.3	52275	PASS
175	174	5	9	8.1	4209	PASS
176	174	95	101	98.6	51560	PASS
177	176	5	9	6.4	3311	PASS

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100325\
Data File : VX047980.D
Acq On : 03 Oct 2025 08:35
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\82X091625W.M
Title : SW846 8260
Last Update : Wed Sep 17 06:39:58 2025



AutoFind: Scans 1635, 1636, 1637; Background Corrected with Scan 1629

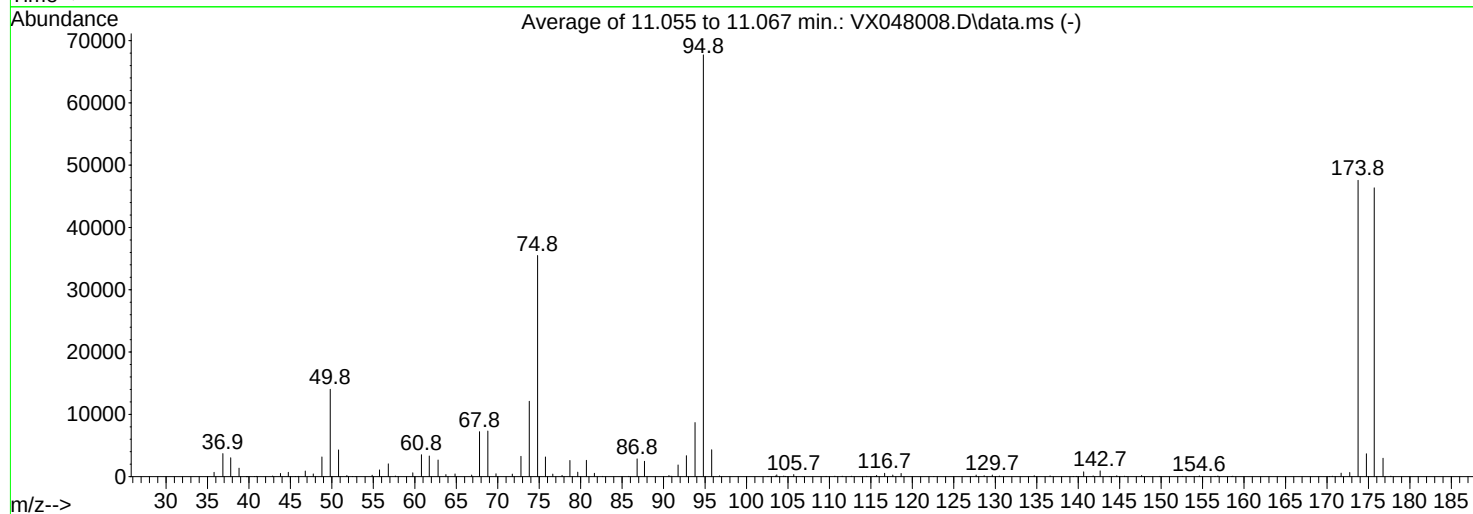
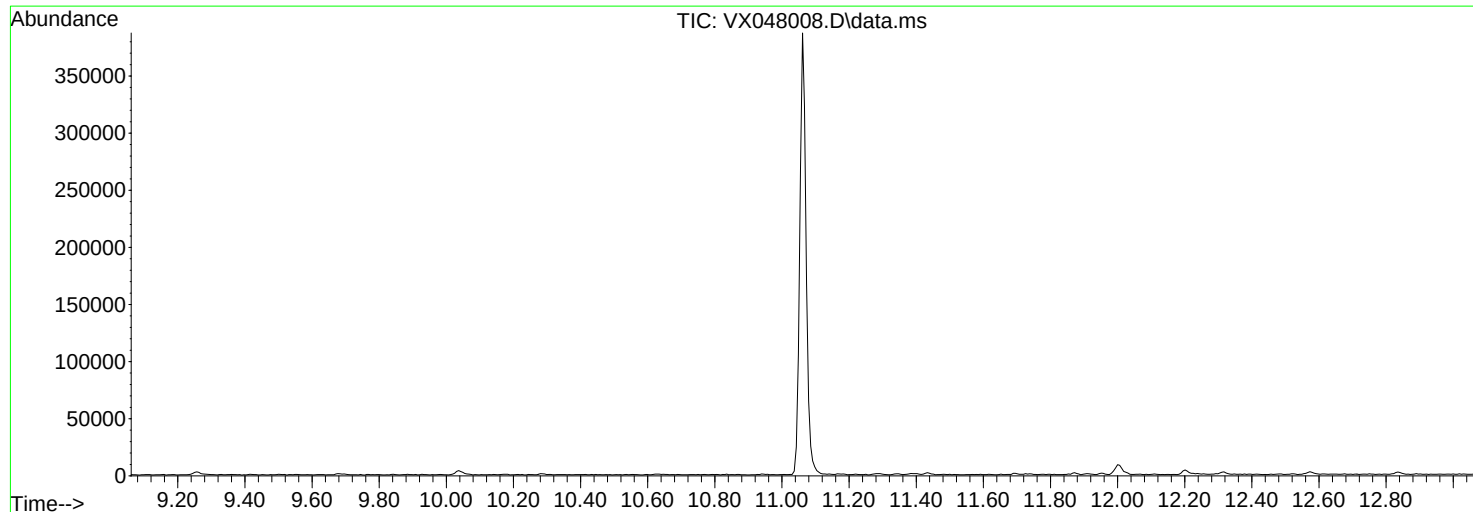
Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
50	95	15	40	20.8	11857	PASS
75	95	30	60	53.1	30267	PASS
95	95	100	100	100.0	56984	PASS
96	95	5	9	6.5	3726	PASS
173	174	0.00	2	1.3	499	PASS
174	95	50	100	67.2	38299	PASS
175	174	5	9	7.7	2956	PASS
176	174	95	101	95.4	36533	PASS
177	176	5	9	6.4	2325	PASS

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100625\
Data File : VX048008.D
Acq On : 06 Oct 2025 08:12
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\82X091625W.M
Title : SW846 8260
Last Update : Wed Sep 17 06:39:58 2025



AutoFind: Scans 1635, 1636, 1637; Background Corrected with Scan 1628

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	20.7	14030	PASS
75	95	30	60	52.4	35512	PASS
95	95	100	100	100.0	67717	PASS
96	95	5	9	6.4	4316	PASS
173	174	0.00	2	1.4	678	PASS
174	95	50	100	70.3	47587	PASS
175	174	5	9	7.7	3686	PASS
176	174	95	101	97.4	46371	PASS
177	176	5	9	6.4	2959	PASS

Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.			Date Collected:	
Project:	Syosset Landfill 2025			Date Received:	
Client Sample ID:	VX1003WBL01			SDG No.:	Q3202
Lab Sample ID:	VX1003WBL01			Matrix:	Water
Analytical Method:	8260D			% Solid:	0
Sample Wt/Vol:	5	Units:	mL	Final Vol:	5000 uL
Soil Aliquot Vol:			uL	Test:	VOCMS Group1
GC Column:	DB-624UI	ID :	0.18	Level :	LOW
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047983.D	1	10/03/25 10:16	VX100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	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
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	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
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
108-05-4	Vinyl Acetate	0.66	U	0.66	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
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
71-43-2	Benzene	0.15	U	0.15	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
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
100-41-4	Ethyl Benzene	0.13	U	0.13	1.00	ug/L

Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	
Project:	Syosset Landfill 2025	Date Received:	
Client Sample ID:	VX1003WBL01	SDG No.:	Q3202
Lab Sample ID:	VX1003WBL01	Matrix:	Water
Analytical Method:	8260D	% 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:	Date Analyzed	Prep Batch ID
VX047983.D	1	10/03/25 10:16	VX100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1330-20-7	Total Xylenes	0.36	U	0.36	3.00	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
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
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	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
74-88-4	Methyl Iodide	0.83	U	0.83	5.00	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.84	U	0.84	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	56.6		74 - 125	113%	SPK: 50
1868-53-7	Dibromofluoromethane	51.0		75 - 124	102%	SPK: 50
2037-26-5	Toluene-d8	49.4		86 - 113	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	57.0		77 - 121	114%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	132000	5.544			
540-36-3	1,4-Difluorobenzene	278000	6.751			
3114-55-4	Chlorobenzene-d5	291000	10.037			
3855-82-1	1,4-Dichlorobenzene-d4	147000	12.006			

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\VX100325\
 Data File : VX047983.D
 Acq On : 03 Oct 2025 10:16
 Operator : JC/MD
 Sample : VX1003WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1003WBL01

Quant Time: Oct 03 23:42:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	132031	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	278145	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	290715	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	147497	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	118862	56.558	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	113.120%
35) Dibromofluoromethane	5.373	113	95126	50.995	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.000%
50) Toluene-d8	8.634	98	318678	49.372	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.740%
62) 4-Bromofluorobenzene	11.067	95	139510	56.951	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	113.900%

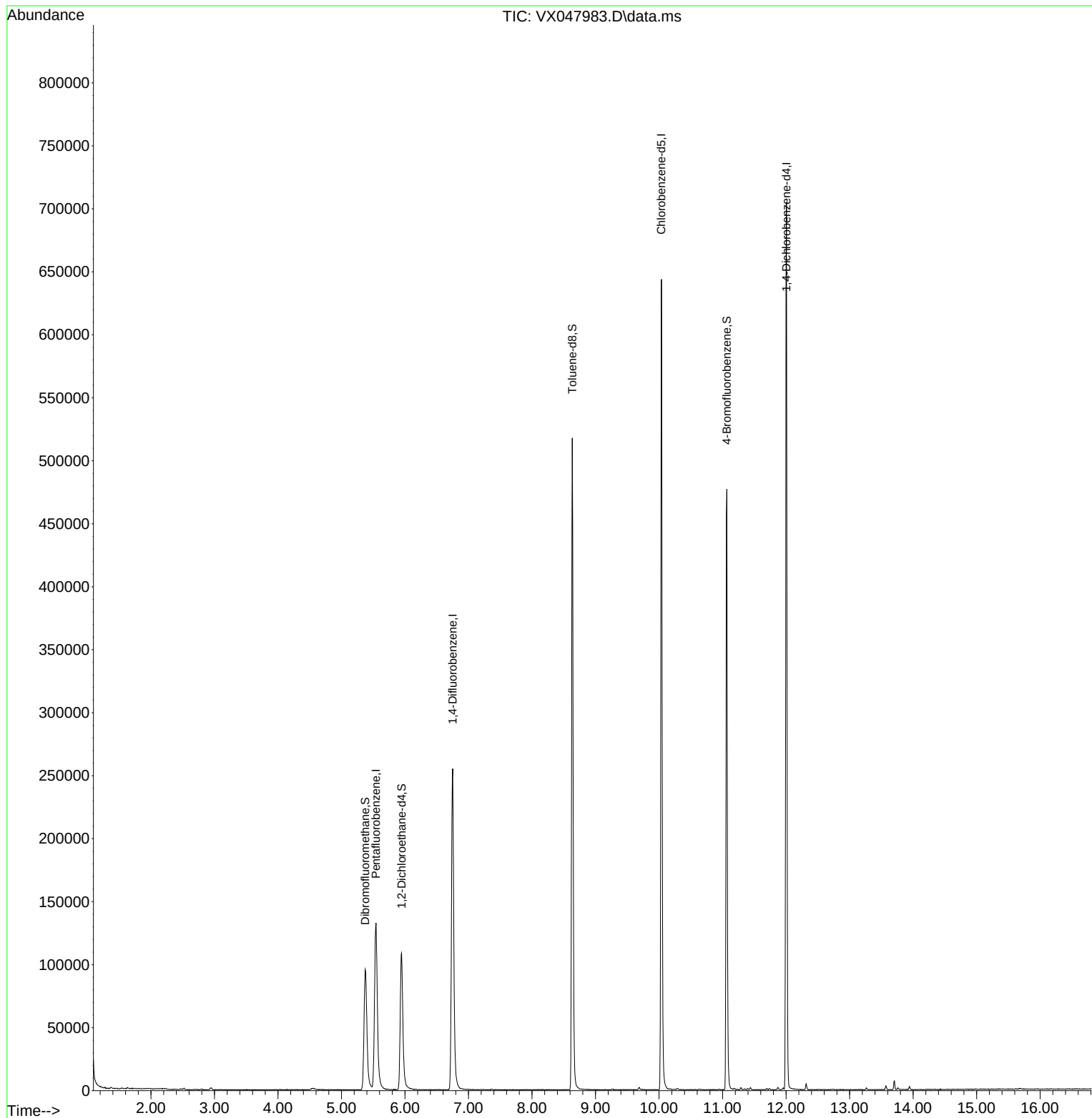
Target Compounds	Qvalue

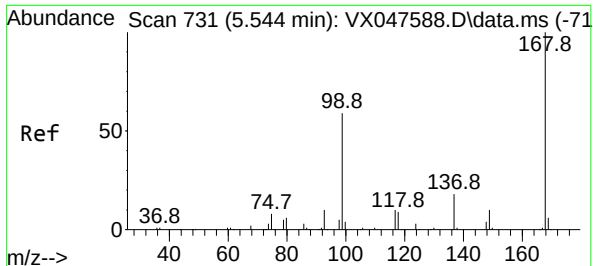
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100325\
Data File : VX047983.D
Acq On : 03 Oct 2025 10:16
Operator : JC/MD
Sample : VX1003WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1003WBL01

Quant Time: Oct 03 23:42:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

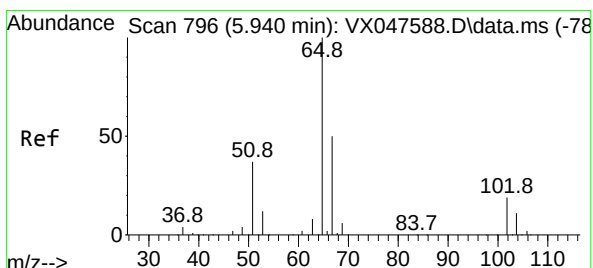
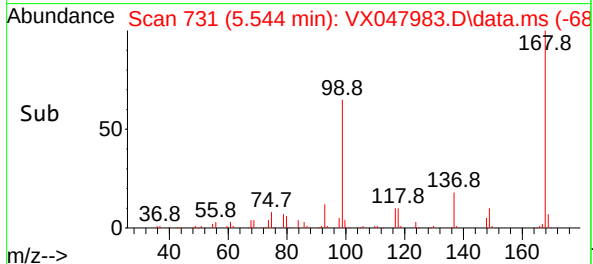
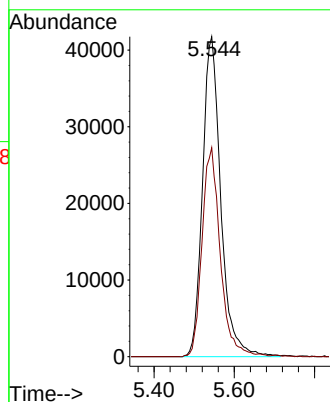
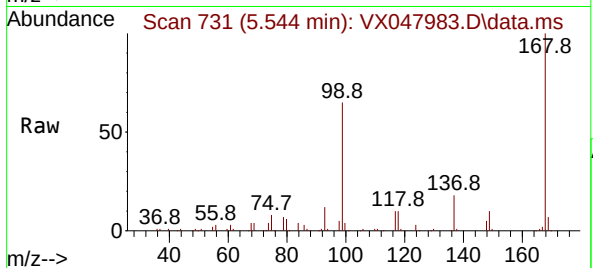




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047983.D
Acq: 03 Oct 2025 10:16

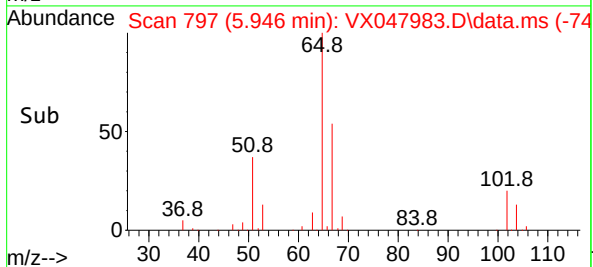
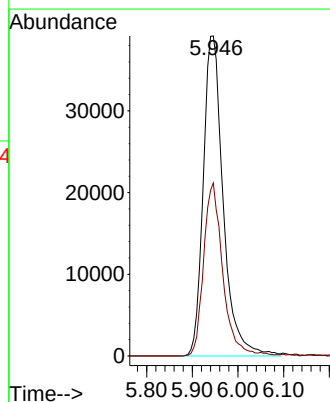
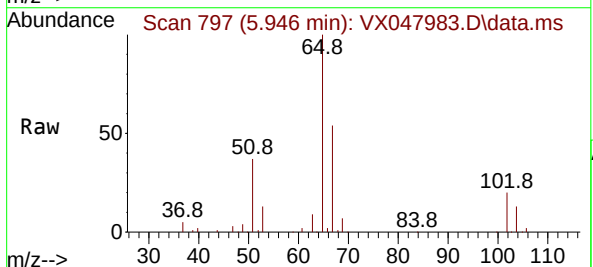
Instrument :
MSVOA_X
ClientSampleId :
VX1003WBL01

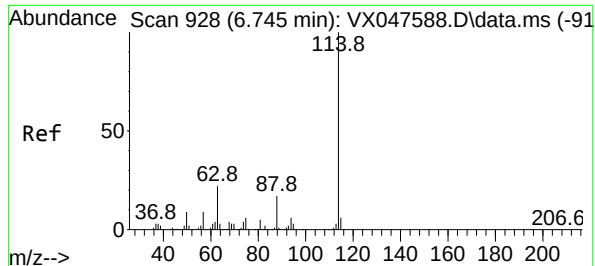
Tgt Ion:168 Resp: 132031
Ion Ratio Lower Upper
168 100
99 65.3 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 56.558 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX047983.D
Acq: 03 Oct 2025 10:16

Tgt Ion: 65 Resp: 118862
Ion Ratio Lower Upper
65 100
67 51.3 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 91

Delta R.T. 0.006 min

Lab File: VX047983.D

Acq: 03 Oct 2025 10:16

Instrument :

MSVOA_X

ClientSampleId :

VX1003WBL01

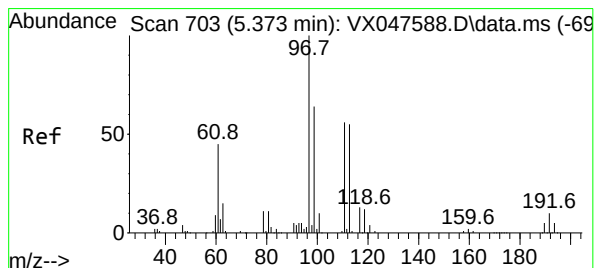
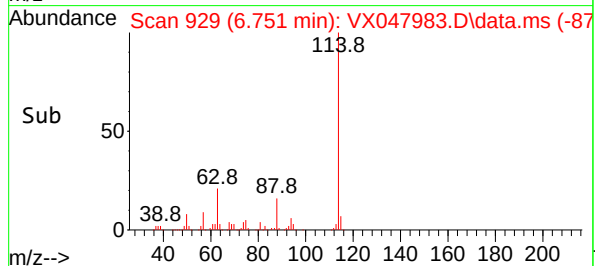
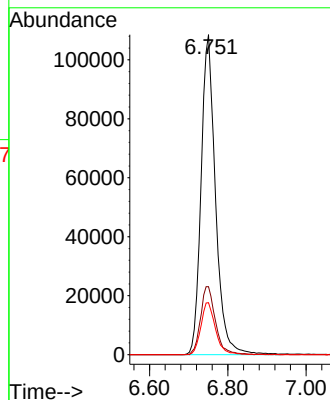
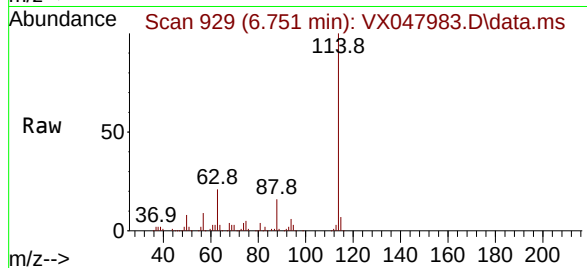
Tgt Ion:114 Resp: 278145

Ion Ratio Lower Upper

114 100

63 21.3 0.0 44.0

88 16.2 0.0 34.2



#35

Dibromofluoromethane

Concen: 50.995 ug/l

RT: 5.373 min Scan# 703

Delta R.T. -0.000 min

Lab File: VX047983.D

Acq: 03 Oct 2025 10:16

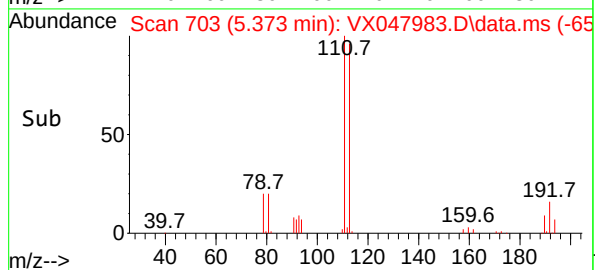
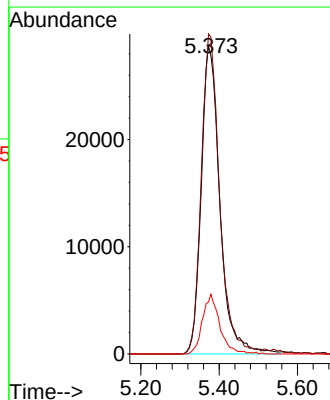
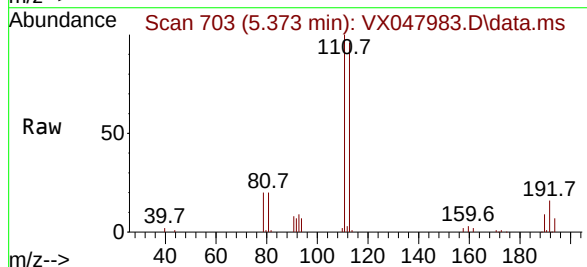
Tgt Ion:113 Resp: 95126

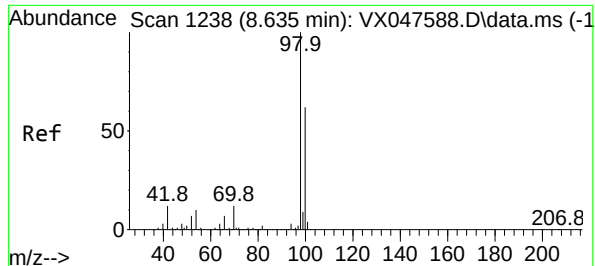
Ion Ratio Lower Upper

113 100

111 102.1 80.9 121.3

192 17.9 14.2 21.4





#50

Toluene-d8

Concen: 49.372 ug/l

RT: 8.634 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX047983.D

Acq: 03 Oct 2025 10:16

Instrument :

MSVOA_X

ClientSampleId :

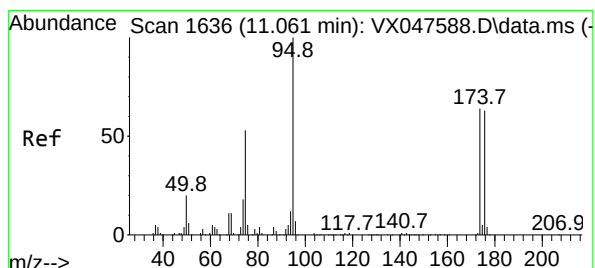
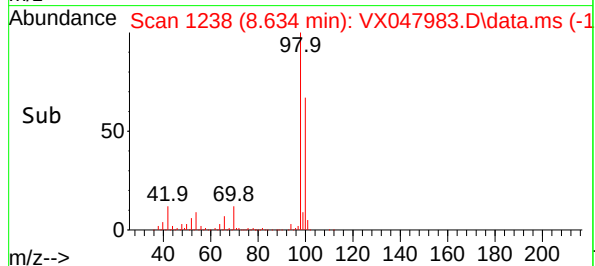
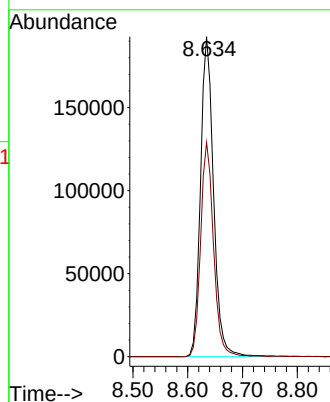
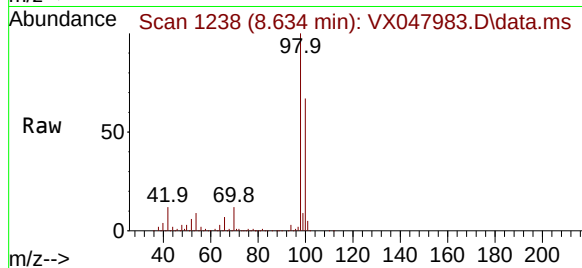
VX1003WBL01

Tgt Ion: 98 Resp: 318678

Ion Ratio Lower Upper

98 100

100 66.4 53.0 79.4



#62

4-Bromofluorobenzene

Concen: 56.951 ug/l

RT: 11.067 min Scan# 1637

Delta R.T. 0.006 min

Lab File: VX047983.D

Acq: 03 Oct 2025 10:16

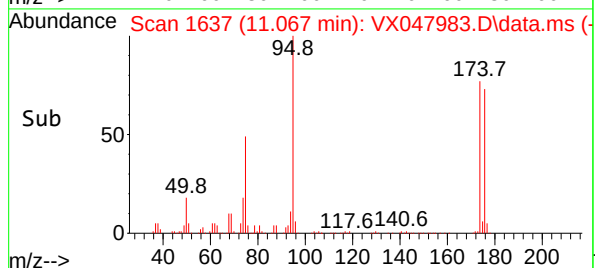
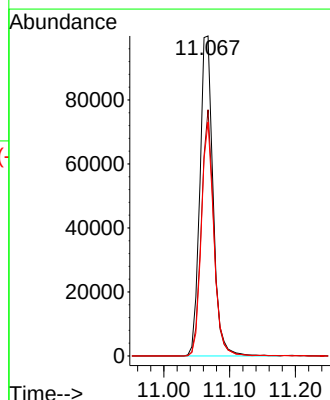
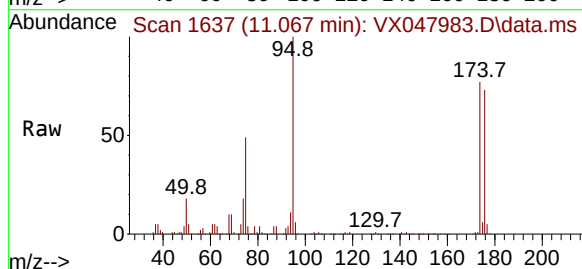
Tgt Ion: 95 Resp: 139510

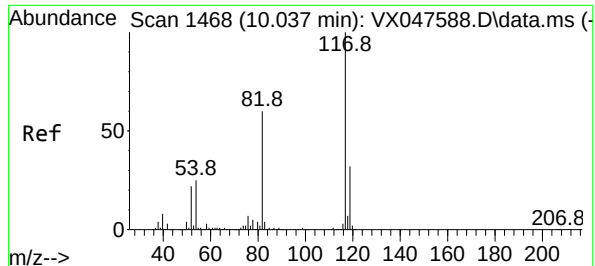
Ion Ratio Lower Upper

95 100

174 72.3 0.0 141.6

176 69.4 0.0 138.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.037 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VX047983.D

Acq: 03 Oct 2025 10:16

Instrument :

MSVOA_X

ClientSampleId :

VX1003WBL01

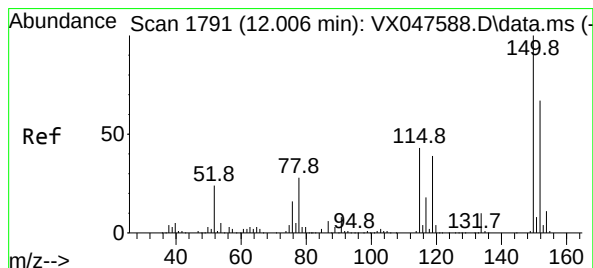
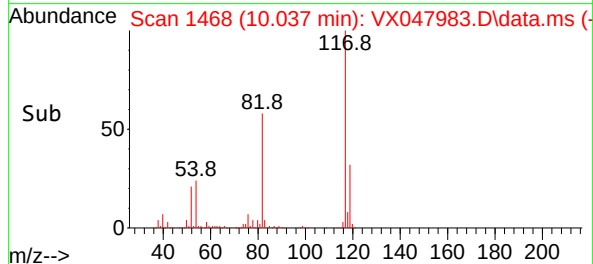
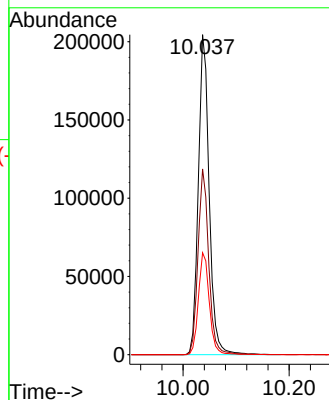
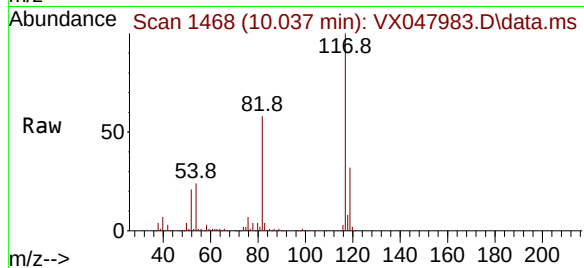
Tgt Ion:117 Resp: 290715

Ion Ratio Lower Upper

117 100

82 58.0 47.8 71.6

119 31.8 25.2 37.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX047983.D

Acq: 03 Oct 2025 10:16

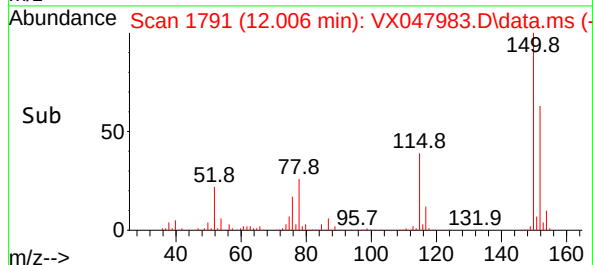
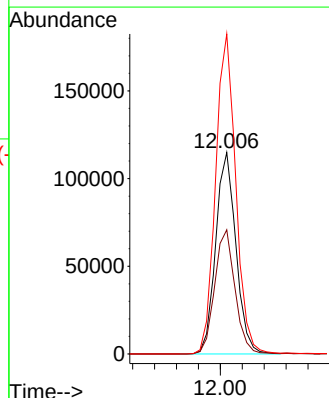
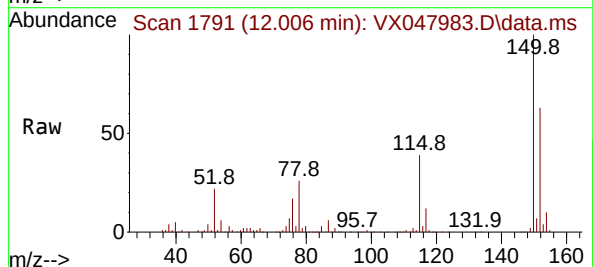
Tgt Ion:152 Resp: 147497

Ion Ratio Lower Upper

152 100

115 62.2 44.9 134.5

150 158.9 0.0 352.0



Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.		Date Collected:	
Project:	Syosset Landfill 2025		Date Received:	
Client Sample ID:	VX1006WBL01		SDG No.:	Q3202
Lab Sample ID:	VX1006WBL01		Matrix:	Water
Analytical Method:	8260D		% Solid:	0
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group1
GC Column:	DB-624UI	ID : 0.18	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX048011.D	1	10/06/25 09:44	VX100625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	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
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	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
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
108-05-4	Vinyl Acetate	0.66	U	0.66	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
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
71-43-2	Benzene	0.15	U	0.15	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
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
100-41-4	Ethyl Benzene	0.13	U	0.13	1.00	ug/L

Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	
Project:	Syosset Landfill 2025	Date Received:	
Client Sample ID:	VX1006WBL01	SDG No.:	Q3202
Lab Sample ID:	VX1006WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX048011.D	1	10/06/25 09:44	VX100625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1330-20-7	Total Xylenes	0.36	U	0.36	3.00	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
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
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	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
74-88-4	Methyl Iodide	0.83	U	0.83	5.00	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	0.84	U	0.84	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.8		74 - 125	104%	SPK: 50
1868-53-7	Dibromofluoromethane	49.4		75 - 124	99%	SPK: 50
2037-26-5	Toluene-d8	48.9		86 - 113	98%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.9		77 - 121	110%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	164000	5.544			
540-36-3	1,4-Difluorobenzene	334000	6.745			
3114-55-4	Chlorobenzene-d5	343000	10.037			
3855-82-1	1,4-Dichlorobenzene-d4	172000	12.006			

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\VX100625\
 Data File : VX048011.D
 Acq On : 06 Oct 2025 09:44
 Operator : JC/MD
 Sample : VX1006WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1006WBL01

Quant Time: Oct 07 02:06:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	163752	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	333598	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	343343	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	171990	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	135132	51.844	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	103.680%
35) Dibromofluoromethane	5.373	113	110438	49.362	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.720%
50) Toluene-d8	8.635	98	378416	48.882	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.760%
62) 4-Bromofluorobenzene	11.061	95	161318	54.907	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.820%

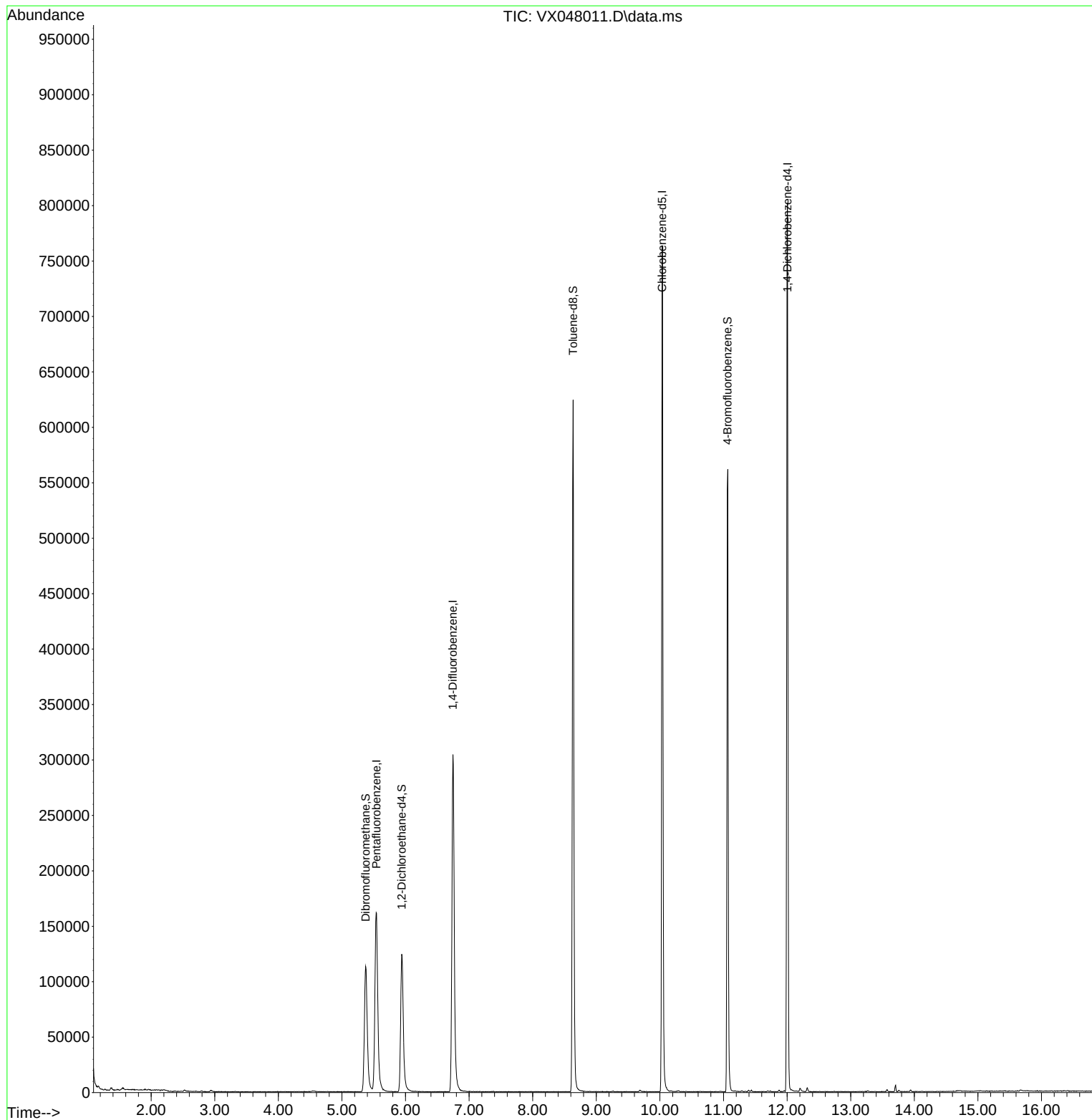
Target Compounds	Qvalue

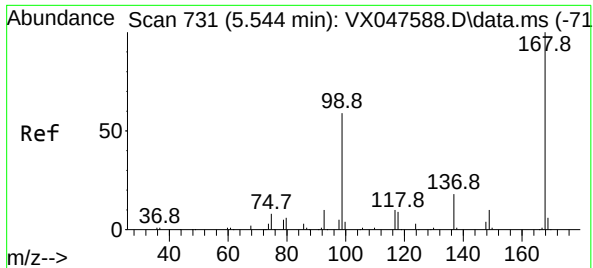
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100625\
Data File : VX048011.D
Acq On : 06 Oct 2025 09:44
Operator : JC/MD
Sample : VX1006WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1006WBL01

Quant Time: Oct 07 02:06:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

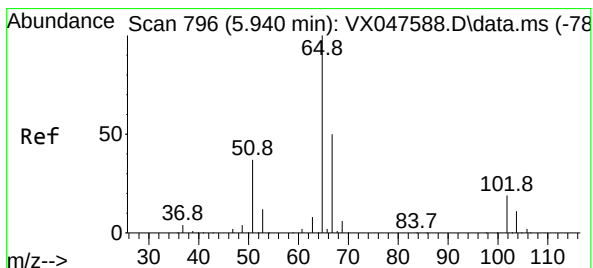
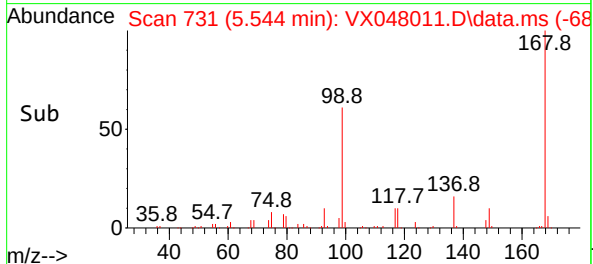
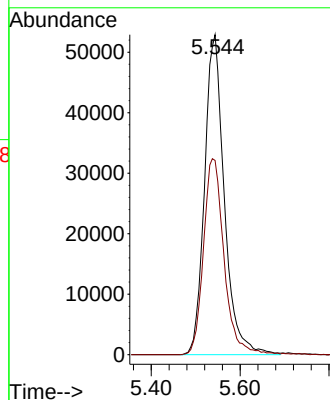
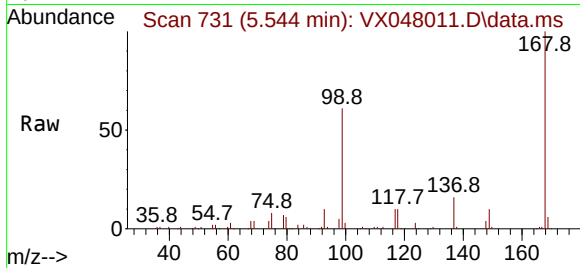




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX048011.D
Acq: 06 Oct 2025 09:44

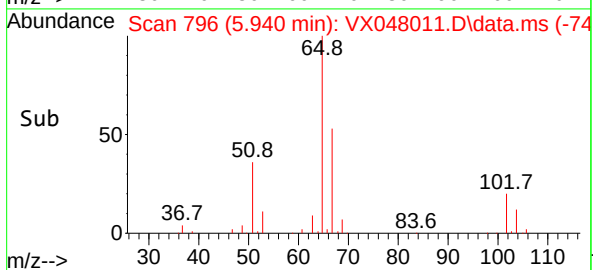
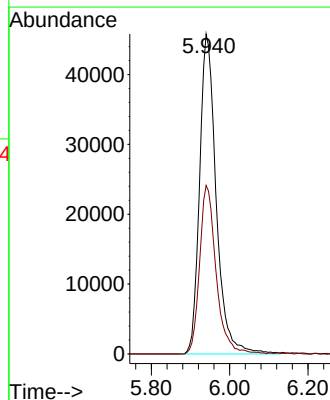
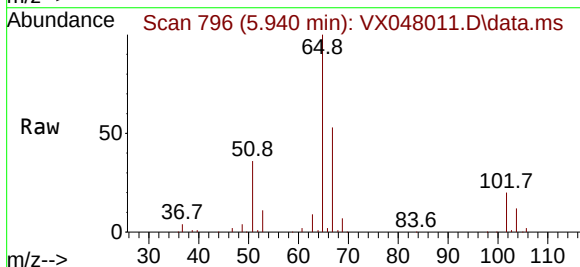
Instrument :
MSVOA_X
ClientSampleId :
VX1006WBL01

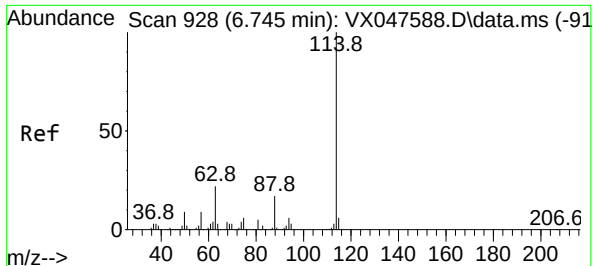
Tgt Ion:168 Resp: 163752
Ion Ratio Lower Upper
168 100
99 60.7 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 51.844 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048011.D
Acq: 06 Oct 2025 09:44

Tgt Ion: 65 Resp: 135132
Ion Ratio Lower Upper
65 100
67 52.3 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.745 min Scan# 91

Delta R.T. -0.000 min

Lab File: VX048011.D

Acq: 06 Oct 2025 09:44

Instrument :

MSVOA_X

ClientSampleId :

VX1006WBL01

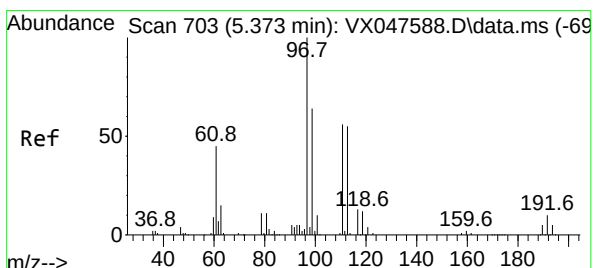
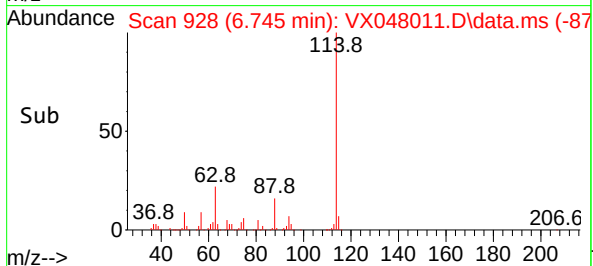
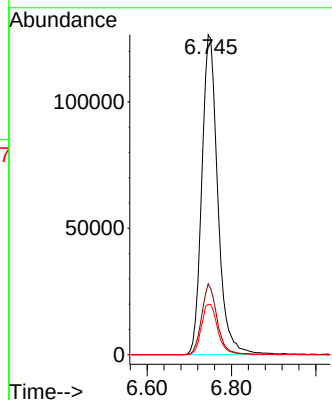
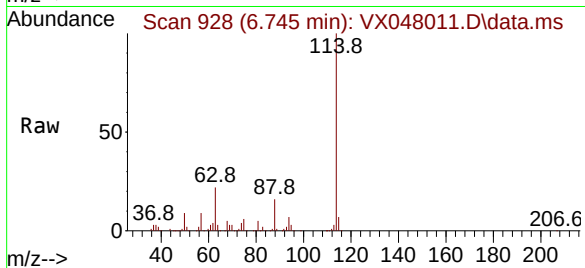
Tgt Ion:114 Resp: 333598

Ion Ratio Lower Upper

114 100

63 22.2 0.0 44.0

88 15.8 0.0 34.2



#35

Dibromofluoromethane

Concen: 49.362 ug/l

RT: 5.373 min Scan# 703

Delta R.T. -0.000 min

Lab File: VX048011.D

Acq: 06 Oct 2025 09:44

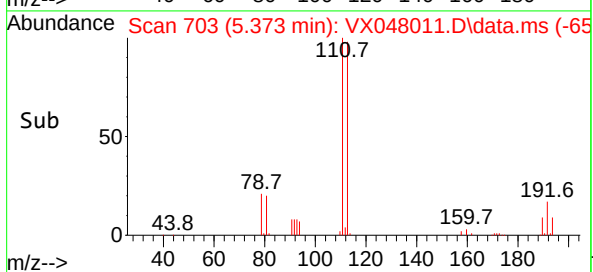
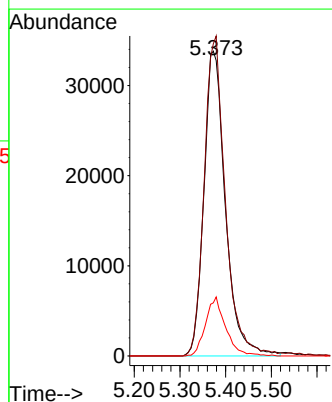
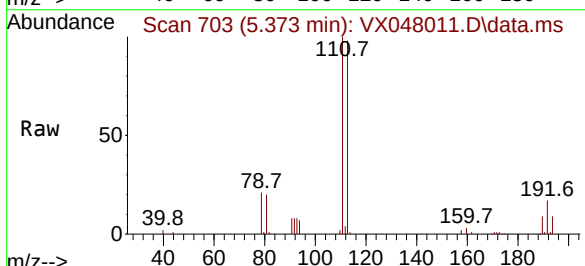
Tgt Ion:113 Resp: 110438

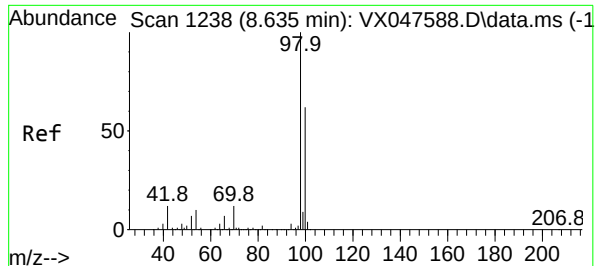
Ion Ratio Lower Upper

113 100

111 103.3 80.9 121.3

192 18.1 14.2 21.4





#50

Toluene-d8

Concen: 48.882 ug/l

RT: 8.635 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX048011.D

Acq: 06 Oct 2025 09:44

Instrument :

MSVOA_X

ClientSampleId :

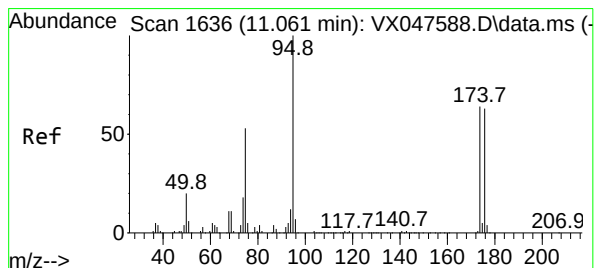
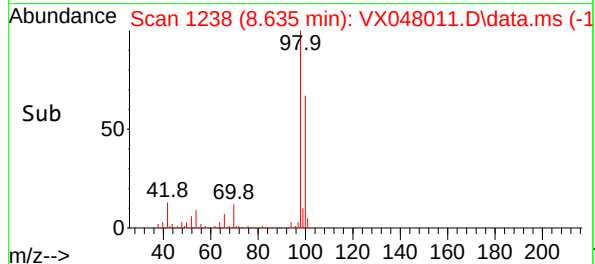
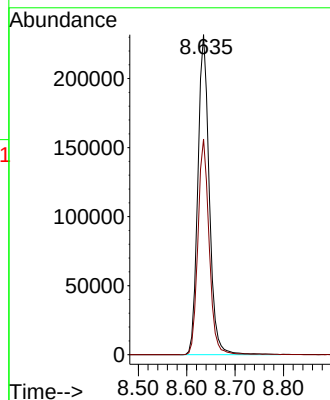
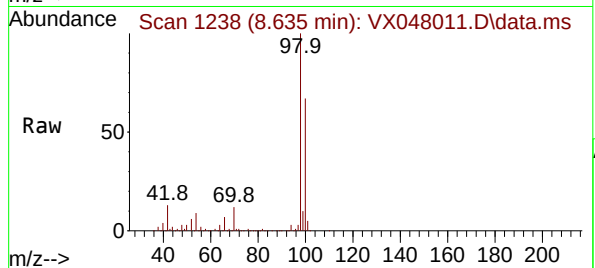
VX1006WBL01

Tgt Ion: 98 Resp: 378416

Ion Ratio Lower Upper

98 100

100 66.1 53.0 79.4



#62

4-Bromofluorobenzene

Concen: 54.907 ug/l

RT: 11.061 min Scan# 1636

Delta R.T. -0.000 min

Lab File: VX048011.D

Acq: 06 Oct 2025 09:44

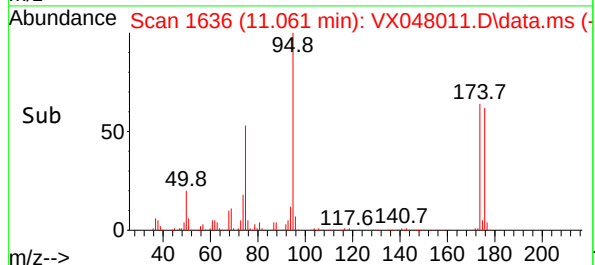
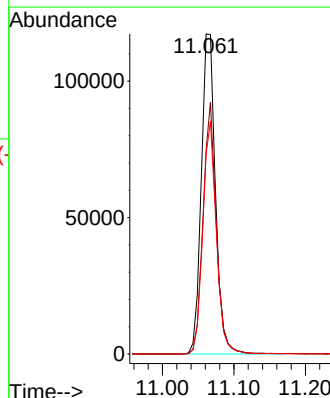
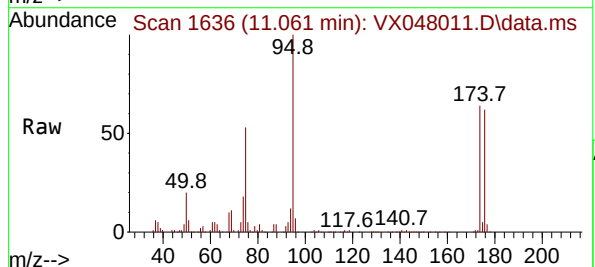
Tgt Ion: 95 Resp: 161318

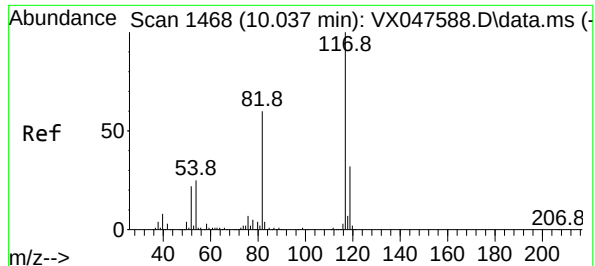
Ion Ratio Lower Upper

95 100

174 73.7 0.0 141.6

176 69.4 0.0 138.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.037 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VX048011.D

Acq: 06 Oct 2025 09:44

Instrument :

MSVOA_X

ClientSampleId :

VX1006WBL01

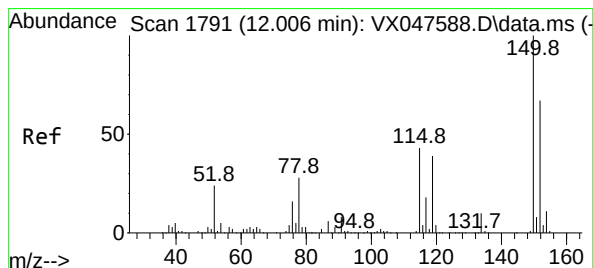
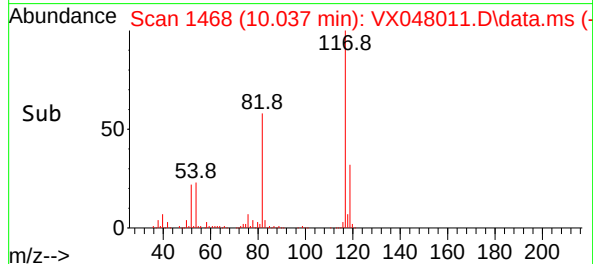
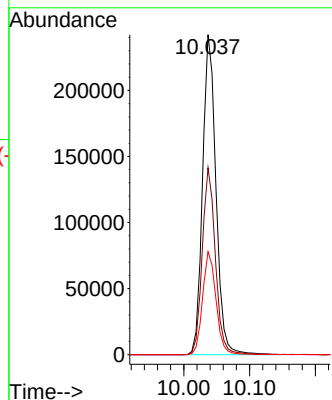
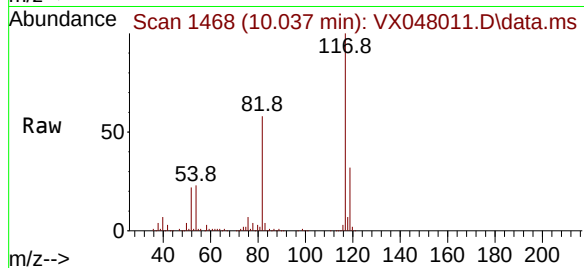
Tgt Ion:117 Resp: 343343

Ion Ratio Lower Upper

117 100

82 58.4 47.8 71.6

119 32.2 25.2 37.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX048011.D

Acq: 06 Oct 2025 09:44

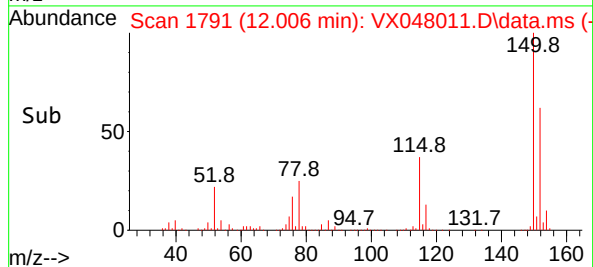
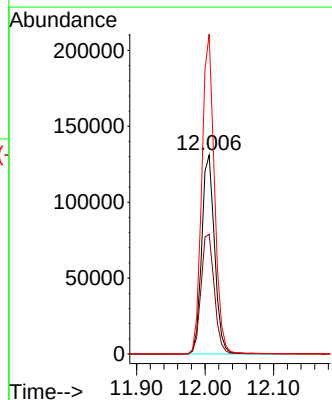
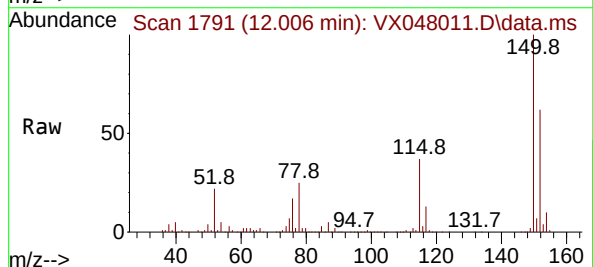
Tgt Ion:152 Resp: 171990

Ion Ratio Lower Upper

152 100

115 62.3 44.9 134.5

150 157.8 0.0 352.0



Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.			Date Collected:	
Project:	Syosset Landfill 2025			Date Received:	
Client Sample ID:	VX1003WBS02			SDG No.:	Q3202
Lab Sample ID:	VX1003WBS02			Matrix:	Water
Analytical Method:	8260D			% Solid:	0
Sample Wt/Vol:	5	Units:	mL	Final Vol:	5000 uL
Soil Aliquot Vol:			uL	Test:	VOCMS Group1
GC Column:	DB-624UI	ID :	0.18	Level :	LOW
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047986.D	1	10/03/25 12:22	VX100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	18.1		0.26	1.00	ug/L
75-00-3	Chloroethane	18.2		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	18.9		0.33	1.00	ug/L
75-35-4	1,1-Dichloroethene	18.2		0.23	1.00	ug/L
107-13-1	Acrylonitrile	96.8		0.83	5.00	ug/L
67-64-1	Acetone	75.3		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	16.4		0.21	1.00	ug/L
75-09-2	Methylene Chloride	19.6		0.28	1.00	ug/L
108-05-4	Vinyl Acetate	94.6		0.66	5.00	ug/L
78-93-3	2-Butanone	85.5		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	19.0		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	19.3		0.19	1.00	ug/L
74-97-5	Bromochloromethane	20.3		0.22	1.00	ug/L
67-66-3	Chloroform	20.4		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	19.8		0.20	1.00	ug/L
71-43-2	Benzene	19.6		0.15	1.00	ug/L
78-87-5	1,2-Dichloropropane	20.4		0.20	1.00	ug/L
74-95-3	Dibromomethane	20.4		0.25	1.00	ug/L
75-27-4	Bromodichloromethane	20.9		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	96.3		0.68	5.00	ug/L
108-88-3	Toluene	19.4		0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	19.3		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	19.6		0.16	1.00	ug/L
591-78-6	2-Hexanone	88.5		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	21.2		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	20.7		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	18.7		0.23	1.00	ug/L
108-90-7	Chlorobenzene	19.4		0.12	1.00	ug/L
630-20-6	1,1,1,2-Tetrachloroethane	20.4		0.19	1.00	ug/L
100-41-4	Ethyl Benzene	18.7		0.13	1.00	ug/L

Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	
Project:	Syosset Landfill 2025	Date Received:	
Client Sample ID:	VX1003WBS02	SDG No.:	Q3202
Lab Sample ID:	VX1003WBS02	Matrix:	Water
Analytical Method:	8260D	% 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:	Date Analyzed	Prep Batch ID
VX047986.D	1	10/03/25 12:22	VX100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1330-20-7	Total Xylenes	56.9		0.36	3.00	ug/L
95-47-6	o-Xylene	19.1		0.12	1.00	ug/L
100-42-5	Styrene	19.0		0.15	1.00	ug/L
75-25-2	Bromoform	19.9		0.19	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	19.2		0.35	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	18.8		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	18.9		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	16.4		0.53	1.00	ug/L
74-88-4	Methyl Iodide	16.0		0.83	5.00	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	15.9		0.84	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.6		74 - 125	107%	SPK: 50
1868-53-7	Dibromofluoromethane	55.1		75 - 124	110%	SPK: 50
2037-26-5	Toluene-d8	53.6		86 - 113	107%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.0		77 - 121	108%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	127000	5.538			
540-36-3	1,4-Difluorobenzene	223000	6.745			
3114-55-4	Chlorobenzene-d5	203000	10.037			
3855-82-1	1,4-Dichlorobenzene-d4	102000	12.006			

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\VX100325\
 Data File : VX047986.D
 Acq On : 03 Oct 2025 12:22
 Operator : JC/MD
 Sample : VX1003WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1003WBS02

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/06/2025
 Supervised By :Semsettin Yesilyurt 10/06/2025

Quant Time: Oct 03 23:45:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.538	168	126673	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	223242	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	203303	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	101886	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.940	65	107996	53.561	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.120%	
35) Dibromofluoromethane	5.367	113	82433	55.059	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 110.120%	
50) Toluene-d8	8.635	98	277687	53.602	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 107.200%	
62) 4-Bromofluorobenzene	11.061	95	106162	53.996	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 108.000%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.179	85	24581	18.740	ug/l	99
3) Chloromethane	1.301	50	29342	17.020	ug/l	96
4) Vinyl Chloride	1.380	62	30471	18.056	ug/l	99
5) Bromomethane	1.618	94	21736	20.312	ug/l	100
6) Chloroethane	1.697	64	20534	18.205	ug/l	99
7) Trichlorofluoromethane	1.898	101	47376	18.907	ug/l	95
8) Diethyl Ether	2.136	74	18804	18.345	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.337	101	28877	19.709	ug/l	98
10) Methyl Iodide	2.453	142	36576	16.007	ug/l	97
11) Tert butyl alcohol	2.934	59	17490	77.884	ug/l	95
12) 1,1-Dichloroethene	2.325	96	27340	18.166	ug/l	97
13) Acrolein	2.233	56	18482	89.311	ug/l	99
14) Allyl chloride	2.666	41	53719	17.297	ug/l	99
15) Acrylonitrile	3.056	53	80543	96.830	ug/l	98
16) Acetone	2.374	43	66049	75.338	ug/l	98
17) Carbon Disulfide	2.514	76	67602	16.408	ug/l	98
18) Methyl Acetate	2.697	43	38893	19.934	ug/l	99
19) Methyl tert-butyl Ether	3.105	73	104908	19.095	ug/l	96
20) Methylene Chloride	2.788	84	36299	19.560	ug/l	91
21) trans-1,2-Dichloroethene	3.087	96	30041	18.540	ug/l	97
22) Diisopropyl ether	3.751	45	121631	20.209	ug/l	97
23) Vinyl Acetate	3.709	43	455775	94.616	ug/l	100
24) 1,1-Dichloroethane	3.599	63	63044	19.707	ug/l	99
25) 2-Butanone	4.538	43	93517	85.515	ug/l	100
26) 2,2-Dichloropropane	4.465	77	47792	17.972	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	38365	19.334	ug/l	99
28) Bromochloromethane	4.885	49	28377	20.319	ug/l	100
29) Tetrahydrofuran	4.983	42	59475	90.406	ug/l	99
30) Chloroform	5.074	83	65984	20.411	ug/l	95
31) Cyclohexane	5.452	56	45397	17.038	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	54188	19.762	ug/l	99
36) 1,1-Dichloropropene	5.678	75	38668	17.675	ug/l	97
37) Ethyl Acetate	4.696	43	41660	17.785	ug/l	98
38) Carbon Tetrachloride	5.660	117	45275	19.047	ug/l	94
39) Methylcyclohexane	7.367	83	43965	17.704	ug/l	94
40) Benzene	6.019	78	130214	19.597	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100325\
 Data File : VX047986.D
 Acq On : 03 Oct 2025 12:22
 Operator : JC/MD
 Sample : VX1003WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1003WBS02

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/06/2025
 Supervised By :Semsettin Yesilyurt 10/06/2025

Quant Time: Oct 03 23:45:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	23709	19.606	ug/l	97
42) 1,2-Dichloroethane	6.068	62	51249	20.271	ug/l	98
43) Isopropyl Acetate	6.318	43	69942	18.206	ug/l	99
44) Trichloroethene	7.111	130	30783	19.162	ug/l	91
45) 1,2-Dichloropropane	7.415	63	34658	20.370	ug/l	98
46) Dibromomethane	7.568	93	25268	20.408	ug/l	99
47) Bromodichloromethane	7.806	83	53374	20.890	ug/l	99
48) Methyl methacrylate	7.678	41	33882	17.706	ug/l	98
49) 1,4-Dioxane	7.641	88	7806	403.637	ug/l	98
51) 4-Methyl-2-Pentanone	8.555	43	205051	96.266	ug/l	98
52) Toluene	8.702	92	79425	19.401	ug/l	99
53) t-1,3-Dichloropropene	8.964	75	50330	19.312	ug/l	98
54) cis-1,3-Dichloropropene	8.348	75	54652	19.620	ug/l	97
55) 1,1,2-Trichloroethane	9.135	97	33013	20.914	ug/l	98
56) Ethyl methacrylate	9.098	69	47680	19.233	ug/l	96
57) 1,3-Dichloropropane	9.293	76	57474	21.195	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.226	63	119833	108.060	ug/l	99
59) 2-Hexanone	9.415	43	135325	88.459	ug/l	100
60) Dibromochloromethane	9.506	129	38514	21.175	ug/l	99
61) 1,2-Dibromoethane	9.592	107	33310	20.717	ug/l	98
64) Tetrachloroethene	9.256	164	24781	18.698	ug/l	93
65) Chlorobenzene	10.061	112	89592	19.398	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.147	131	32462	20.368	ug/l	99
67) Ethyl Benzene	10.177	91	149076	18.707	ug/l	98
68) m/p-Xylenes	10.287	106	112155	37.811	ug/l	100
69) o-Xylene	10.622	106	54811	19.105	ug/l	99
70) Styrene	10.640	104	95723	19.042	ug/l	98
71) Bromoform	10.781	173	23667	19.887	ug/l #	100
73) Isopropylbenzene	10.945	105	141532	18.272	ug/l	100
74) N-amyl acetate	10.829	43	59525	16.852	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	46242	19.732	ug/l	100
76) 1,2,3-Trichloropropane	11.220	75	39632m	19.212	ug/l	
77) Bromobenzene	11.183	156	36018	18.879	ug/l	97
78) n-propylbenzene	11.287	91	166982	18.236	ug/l	99
79) 2-Chlorotoluene	11.348	91	103483	18.452	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	117466	18.458	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.000	75	12900	15.947	ug/l	97
82) 4-Chlorotoluene	11.439	91	122332	18.469	ug/l	100
83) tert-Butylbenzene	11.695	119	119792	18.388	ug/l	98
84) 1,2,4-Trimethylbenzene	11.732	105	118395	18.350	ug/l	98
85) sec-Butylbenzene	11.872	105	144326	18.651	ug/l	100
86) p-Isopropyltoluene	11.988	119	121030	18.475	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	67091	18.933	ug/l	98
88) 1,4-Dichlorobenzene	12.024	146	68424	18.814	ug/l	99
89) n-Butylbenzene	12.317	91	111009	18.313	ug/l	99
90) Hexachloroethane	12.518	117	21335	18.549	ug/l	98
91) 1,2-Dichlorobenzene	12.317	146	63888	18.924	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.927	75	7777	16.391	ug/l	98
93) 1,2,4-Trichlorobenzene	13.567	180	38307	17.459	ug/l	99
94) Hexachlorobutadiene	13.707	225	14383	19.299	ug/l	98
95) Naphthalene	13.756	128	108339	16.216	ug/l	99
96) 1,2,3-Trichlorobenzene	13.939	180	36104	17.690	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100325\
Data File : VX047986.D
Acq On : 03 Oct 2025 12:22
Operator : JC/MD
Sample : VX1003WBS02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1003WBS02

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 10/06/2025
Supervised By :Semsettin Yesilyurt 10/06/2025

Quant Time: Oct 03 23:45:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 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

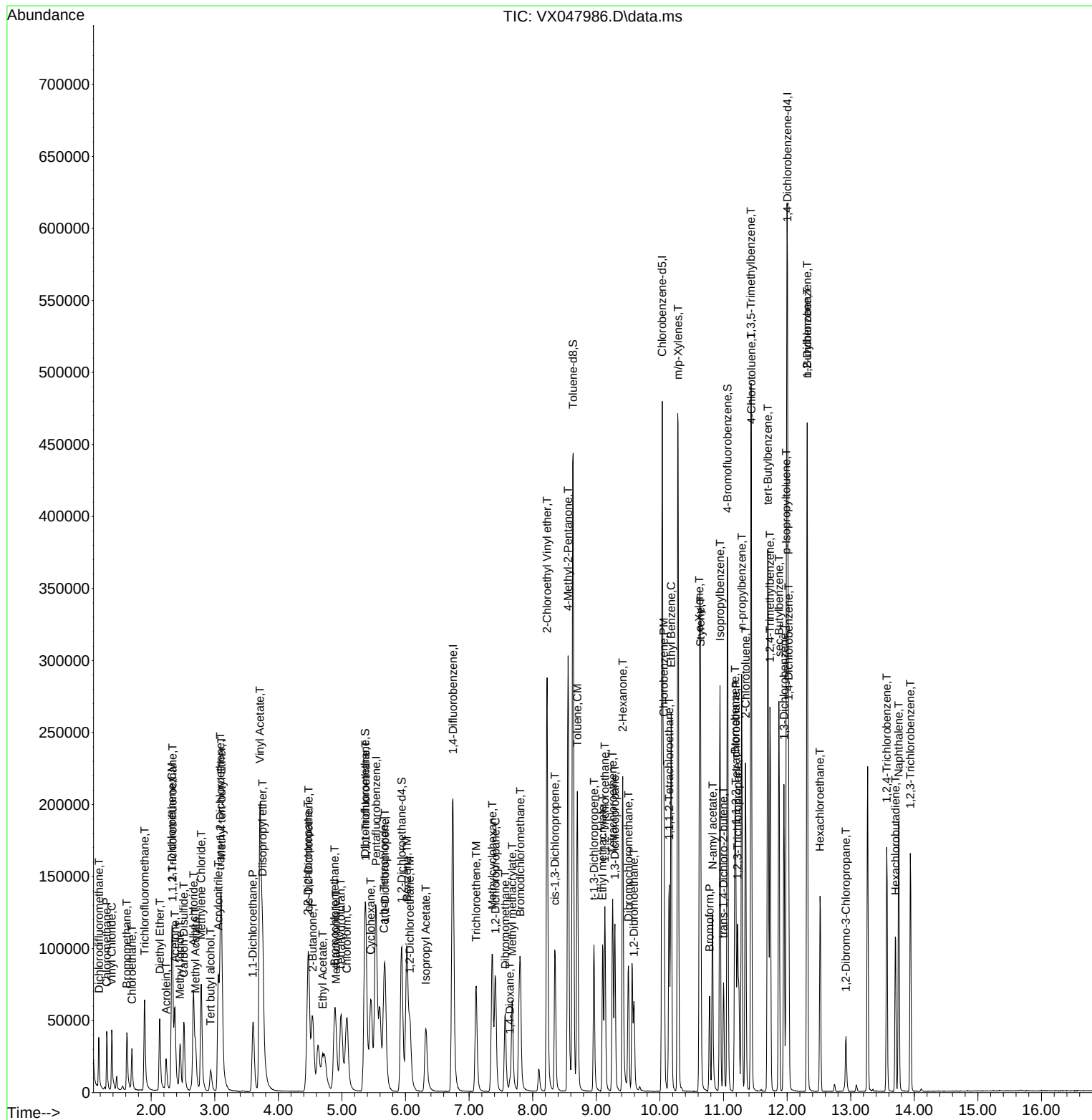
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100325\
Data File : VX047986.D
Acq On : 03 Oct 2025 12:22
Operator : JC/MD
Sample : VX1003WBS02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1003WBS02

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/06/2025
Supervised By :Semsettin Yesilyurt 10/06/2025

Quant Time: Oct 03 23:45:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.		Date Collected:	
Project:	Syosset Landfill 2025		Date Received:	
Client Sample ID:	VX1006WBS02		SDG No.:	Q3202
Lab Sample ID:	VX1006WBS02		Matrix:	Water
Analytical Method:	8260D		% Solid:	0
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group1
GC Column:	DB-624UI	ID : 0.18	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX048014.D	1	10/06/25 11:34	VX100625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	17.2		0.26	1.00	ug/L
75-00-3	Chloroethane	17.1		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	18.7		0.33	1.00	ug/L
75-35-4	1,1-Dichloroethene	17.7		0.23	1.00	ug/L
107-13-1	Acrylonitrile	91.1		0.83	5.00	ug/L
67-64-1	Acetone	78.1		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	15.9		0.21	1.00	ug/L
75-09-2	Methylene Chloride	16.7		0.28	1.00	ug/L
108-05-4	Vinyl Acetate	85.0		0.66	5.00	ug/L
78-93-3	2-Butanone	85.2		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	19.6		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	17.4		0.19	1.00	ug/L
74-97-5	Bromochloromethane	19.0		0.22	1.00	ug/L
67-66-3	Chloroform	18.6		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	18.9		0.20	1.00	ug/L
71-43-2	Benzene	18.2		0.15	1.00	ug/L
78-87-5	1,2-Dichloropropane	19.2		0.20	1.00	ug/L
74-95-3	Dibromomethane	18.7		0.25	1.00	ug/L
75-27-4	Bromodichloromethane	19.0		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	95.7		0.68	5.00	ug/L
108-88-3	Toluene	18.9		0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	17.7		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	18.6		0.16	1.00	ug/L
591-78-6	2-Hexanone	92.1		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	20.0		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	19.2		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	18.7		0.23	1.00	ug/L
108-90-7	Chlorobenzene	18.7		0.12	1.00	ug/L
630-20-6	1,1,1,2-Tetrachloroethane	19.4		0.19	1.00	ug/L
100-41-4	Ethyl Benzene	18.4		0.13	1.00	ug/L

Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	
Project:	Syosset Landfill 2025	Date Received:	
Client Sample ID:	VX1006WBS02	SDG No.:	Q3202
Lab Sample ID:	VX1006WBS02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX048014.D	1	10/06/25 11:34	VX100625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1330-20-7	Total Xylenes	56.0		0.36	3.00	ug/L
95-47-6	o-Xylene	18.4		0.12	1.00	ug/L
100-42-5	Styrene	18.2		0.15	1.00	ug/L
75-25-2	Bromoform	19.1		0.19	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	18.8		0.26	1.00	ug/L
96-18-4	1,2,3-Trichloropropane	18.5		0.35	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	17.9		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	17.8		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	16.9		0.53	1.00	ug/L
74-88-4	Methyl Iodide	13.3		0.83	5.00	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	15.6		0.84	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	43.1		74 - 125	86%	SPK: 50
1868-53-7	Dibromofluoromethane	47.4		75 - 124	95%	SPK: 50
2037-26-5	Toluene-d8	47.3		86 - 113	95%	SPK: 50
460-00-4	4-Bromofluorobenzene	46.8		77 - 121	94%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	164000	5.544			
540-36-3	1,4-Difluorobenzene	279000	6.745			
3114-55-4	Chlorobenzene-d5	253000	10.037			
3855-82-1	1,4-Dichlorobenzene-d4	127000	12.006			

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\VX100625\
 Data File : VX048014.D
 Acq On : 06 Oct 2025 11:34
 Operator : JC/MD
 Sample : VX1006WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1006WBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/07/2025
 Supervised By : Mahesh Dadoda 10/07/2025

Quant Time: Oct 07 02:08:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	164419	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	279226	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	253325	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	126701	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	112693	43.060	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	86.120%		
35) Dibromofluoromethane	5.379	113	88738	47.387	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.780%		
50) Toluene-d8	8.634	98	306290	47.269	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.540%		
62) 4-Bromofluorobenzene	11.061	95	115107	46.807	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.620%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.179	85	31333	18.403	ug/l	96
3) Chloromethane	1.300	50	34052	15.218	ug/l	97
4) Vinyl Chloride	1.380	62	37697	17.210	ug/l	99
5) Bromomethane	1.617	94	19518	14.052	ug/l	89
6) Chloroethane	1.697	64	25102	17.146	ug/l	92
7) Trichlorofluoromethane	1.898	101	60802	18.695	ug/l	99
8) Diethyl Ether	2.136	74	21922	16.477	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.337	101	37043	19.479	ug/l	99
10) Methyl Iodide	2.459	142	39476	13.310	ug/l	98
11) Tert butyl alcohol	2.940	59	23415	80.332	ug/l	100
12) 1,1-Dichloroethene	2.325	96	34503	17.662	ug/l	98
13) Acrolein	2.239	56	49862	185.635	ug/l	97
14) Allyl chloride	2.666	41	64626	16.032	ug/l	99
15) Acrylonitrile	3.062	53	98346	91.090	ug/l	97
16) Acetone	2.373	43	88884	78.110	ug/l	98
17) Carbon Disulfide	2.520	76	85084	15.910	ug/l	97
18) Methyl Acetate	2.703	43	48297	19.071	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	121914	17.096	ug/l	98
20) Methylene Chloride	2.788	84	40333	16.745	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	36145	17.186	ug/l	98
22) Diisopropyl ether	3.751	45	138188	17.689	ug/l #	84
23) Vinyl Acetate	3.715	43	531551	85.014	ug/l	100
24) 1,1-Dichloroethane	3.605	63	73779	17.768	ug/l	96
25) 2-Butanone	4.544	43	120993	85.240	ug/l	99
26) 2,2-Dichloropropane	4.471	77	62329	18.058	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	44926	17.443	ug/l	99
28) Bromochloromethane	4.891	49	34354	18.951	ug/l	100
29) Tetrahydrofuran	4.995	42	73460	86.029	ug/l	100
30) Chloroform	5.080	83	78236	18.645	ug/l	97
31) Cyclohexane	5.458	56	58909	17.034	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	67102	18.854	ug/l	99
36) 1,1-Dichloropropene	5.684	75	48874	17.861	ug/l	99
37) Ethyl Acetate	4.708	43	48839	16.669	ug/l	99
38) Carbon Tetrachloride	5.672	117	58184	19.570	ug/l	97
39) Methylcyclohexane	7.366	83	54588	17.574	ug/l	95
40) Benzene	6.025	78	151475	18.226	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100625\
 Data File : VX048014.D
 Acq On : 06 Oct 2025 11:34
 Operator : JC/MD
 Sample : VX1006WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1006WBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/07/2025
 Supervised By : Mahesh Dadoda 10/07/2025

Quant Time: Oct 07 02:08:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.903	41	27057	17.888	ug/l	96
42) 1,2-Dichloroethane	6.074	62	57798	18.278	ug/l	97
43) Isopropyl Acetate	6.324	43	85430	17.779	ug/l	100
44) Trichloroethene	7.110	130	37725	18.775	ug/l	95
45) 1,2-Dichloropropane	7.415	63	40931	19.233	ug/l	98
46) Dibromomethane	7.568	93	28907	18.666	ug/l	99
47) Bromodichloromethane	7.805	83	60643	18.976	ug/l	96
48) Methyl methacrylate	7.677	41	41003	17.131	ug/l	98
49) 1,4-Dioxane	7.647	88	10772	445.327	ug/l	97
51) 4-Methyl-2-Pentanone	8.555	43	255089	95.747	ug/l	100
52) Toluene	8.702	92	96602	18.866	ug/l	98
53) t-1,3-Dichloropropene	8.964	75	57749	17.716	ug/l	100
54) cis-1,3-Dichloropropene	8.354	75	64754	18.586	ug/l	95
55) 1,1,2-Trichloroethane	9.134	97	38549	19.524	ug/l	98
56) Ethyl methacrylate	9.104	69	55086	17.765	ug/l	99
57) 1,3-Dichloropropane	9.293	76	66503	19.608	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.226	63	127894	93.558	ug/l	99
59) 2-Hexanone	9.415	43	176211	92.091	ug/l	99
60) Dibromochloromethane	9.506	129	45569	20.031	ug/l	99
61) 1,2-Dibromoethane	9.598	107	38612	19.200	ug/l	98
64) Tetrachloroethene	9.256	164	30944	18.738	ug/l	96
65) Chlorobenzene	10.061	112	107635	18.703	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.146	131	38451	19.362	ug/l	100
67) Ethyl Benzene	10.177	91	182481	18.377	ug/l	98
68) m/p-Xylenes	10.287	106	139102	37.636	ug/l	97
69) o-Xylene	10.622	106	65769	18.397	ug/l	98
70) Styrene	10.640	104	114309	18.249	ug/l	99
71) Bromoform	10.780	173	28275	19.068	ug/l #	98
73) Isopropylbenzene	10.945	105	175020	18.170	ug/l	100
74) N-amyl acetate	10.829	43	73123	16.647	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	54864	18.825	ug/l	98
76) 1,2,3-Trichloropropane	11.219	75	47442m	18.494	ug/l	
77) Bromobenzene	11.183	156	41905	17.663	ug/l	97
78) n-propylbenzene	11.286	91	208714	18.329	ug/l	100
79) 2-Chlorotoluene	11.347	91	125180	17.949	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	144131	18.212	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	15722	15.629	ug/l	97
82) 4-Chlorotoluene	11.439	91	148433	18.020	ug/l	99
83) tert-Butylbenzene	11.695	119	146251	18.052	ug/l	99
84) 1,2,4-Trimethylbenzene	11.732	105	142546	17.766	ug/l	96
85) sec-Butylbenzene	11.872	105	175128	18.199	ug/l	100
86) p-Isopropyltoluene	11.994	119	145725	17.888	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	79735	18.094	ug/l	98
88) 1,4-Dichlorobenzene	12.024	146	80816	17.869	ug/l	98
89) n-Butylbenzene	12.317	91	134912	17.897	ug/l	98
90) Hexachloroethane	12.518	117	26886	18.797	ug/l	100
91) 1,2-Dichlorobenzene	12.317	146	74860	17.831	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.926	75	9946	16.856	ug/l	98
93) 1,2,4-Trichlorobenzene	13.567	180	44381	16.266	ug/l	97
94) Hexachlorobutadiene	13.707	225	15887	17.142	ug/l	97
95) Naphthalene	13.756	128	130919	15.758	ug/l	100
96) 1,2,3-Trichlorobenzene	13.938	180	42450	16.725	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100625\
Data File : VX048014.D
Acq On : 06 Oct 2025 11:34
Operator : JC/MD
Sample : VX1006WBS02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1006WBS02

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/07/2025
Supervised By :Mahesh Dadoda 10/07/2025

Quant Time: Oct 07 02:08:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 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

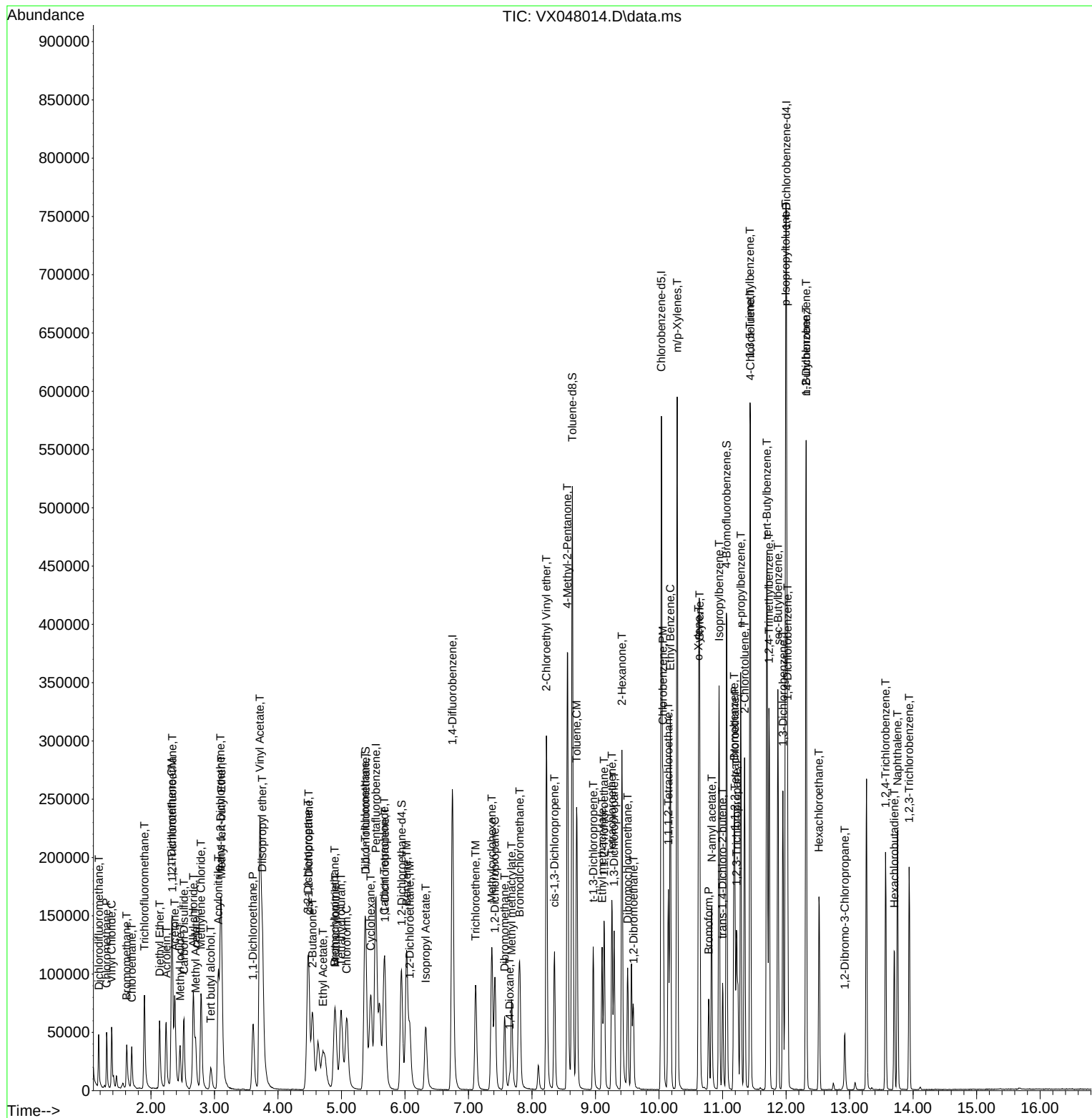
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Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100625\
Data File : VX048014.D
Acq On    : 06 Oct 2025  11:34
Operator  : JC/MD
Sample    : VX1006WBS02
Misc      : 5.0mL/MSVOA_X/WATER
ALS Vial  : 7      Sample Multiplier: 1
```

Instrument :
MSVOA_X
ClientSampleId :
VX1006WBS02

Manual Integrations APPROVED

Reviewed By :John Carlone 10/07/2025
Supervised By :Mahesh Dadoda 10/07/2025

Quant Time: Oct 07 02:08:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	09/23/25
Project:	Syosset Landfill 2025	Date Received:	09/24/25
Client Sample ID:	SY-3DMS	SDG No.:	Q3202
Lab Sample ID:	Q3202-13MS	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX048032.D	1	10/06/25 17:56	VX100625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	47.9		0.26	1.00	ug/L
75-00-3	Chloroethane	51.0		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	48.4		0.33	1.00	ug/L
75-35-4	1,1-Dichloroethene	49.5		0.23	1.00	ug/L
107-13-1	Acrylonitrile	310		0.83	5.00	ug/L
67-64-1	Acetone	230		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	43.6		0.21	1.00	ug/L
75-09-2	Methylene Chloride	54.9		0.28	1.00	ug/L
108-05-4	Vinyl Acetate	270		0.66	5.00	ug/L
78-93-3	2-Butanone	290		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	46.8		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	53.8		0.19	1.00	ug/L
74-97-5	Bromochloromethane	59.9		0.22	1.00	ug/L
67-66-3	Chloroform	57.7		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	52.8		0.20	1.00	ug/L
71-43-2	Benzene	51.0		0.15	1.00	ug/L
78-87-5	1,2-Dichloropropane	53.5		0.20	1.00	ug/L
74-95-3	Dibromomethane	54.6		0.25	1.00	ug/L
75-27-4	Bromodichloromethane	55.7		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	300		0.68	5.00	ug/L
108-88-3	Toluene	50.7		0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	51.7		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	51.1		0.16	1.00	ug/L
591-78-6	2-Hexanone	280		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	58.4		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	56.7		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	42.5		0.23	1.00	ug/L
108-90-7	Chlorobenzene	48.6		0.12	1.00	ug/L
630-20-6	1,1,1,2-Tetrachloroethane	51.5		0.19	1.00	ug/L
100-41-4	Ethyl Benzene	46.2		0.13	1.00	ug/L

Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	09/23/25
Project:	Syosset Landfill 2025	Date Received:	09/24/25
Client Sample ID:	SY-3DMS	SDG No.:	Q3202
Lab Sample ID:	Q3202-13MS	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX048032.D	1	10/06/25 17:56	VX100625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1330-20-7	Total Xylenes	142		0.36	3.00	ug/L
95-47-6	o-Xylene	47.9		0.12	1.00	ug/L
100-42-5	Styrene	49.0		0.15	1.00	ug/L
75-25-2	Bromoform	54.3		0.19	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	49.7		0.26	1.00	ug/L
96-18-4	1,2,3-Trichloropropane	50.1		0.35	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	43.9		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	44.9		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	46.6		0.53	1.00	ug/L
74-88-4	Methyl Iodide	37.8		0.83	5.00	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	41.3		0.84	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	62.4		74 - 125	125%	SPK: 50
1868-53-7	Dibromofluoromethane	58.8		75 - 124	118%	SPK: 50
2037-26-5	Toluene-d8	54.1		86 - 113	108%	SPK: 50
460-00-4	4-Bromofluorobenzene	58.0		77 - 121	116%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	118000	5.544			
540-36-3	1,4-Difluorobenzene	220000	6.745			
3114-55-4	Chlorobenzene-d5	211000	10.037			
3855-82-1	1,4-Dichlorobenzene-d4	111000	12.006			

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\VX100625\
 Data File : VX048032.D
 Acq On : 06 Oct 2025 17:56
 Operator : JC/MD
 Sample : Q3202-13MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SY-3DMS

Manual Integrations
 APPROVED

Reviewed By :John Carlone 10/07/2025
 Supervised By :Mahesh Dadoda 10/07/2025

Quant Time: Oct 07 02:20:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	117529	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	220472	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	210688	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	111123	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	116659	62.359	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 124.720%#			
35) Dibromofluoromethane	5.373	113	86975	58.822	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 117.640%			
50) Toluene-d8	8.635	98	276687	54.080	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 108.160%			
62) 4-Bromofluorobenzene	11.061	95	112534	57.956	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 115.920%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	55623	45.704	ug/l	98
3) Chloromethane	1.301	50	73113	45.710	ug/l	99
4) Vinyl Chloride	1.380	62	75061	47.939	ug/l	98
5) Bromomethane	1.611	94	45078	45.402	ug/l	99
6) Chloroethane	1.691	64	53391	51.019	ug/l	99
7) Trichlorofluoromethane	1.898	101	112551	48.413	ug/l	99
8) Diethyl Ether	2.136	74	53518	56.275	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.337	101	65666	48.306	ug/l	99
10) Methyl Iodide	2.453	142	80182	37.820	ug/l	99
11) Tert butyl alcohol	2.947	59	54219	260.226	ug/l	99
12) 1,1-Dichloroethene	2.325	96	69123	49.502	ug/l	99
13) Acrolein	2.239	56	160073	833.708	ug/l	99
14) Allyl chloride	2.666	41	142797	49.557	ug/l	97
15) Acrylonitrile	3.062	53	241457	312.868	ug/l	99
16) Acetone	2.373	43	188561	231.814	ug/l	100
17) Carbon Disulfide	2.514	76	166781	43.629	ug/l	99
18) Methyl Acetate	2.703	43	113026	62.437	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	291279	57.143	ug/l	100
20) Methylene Chloride	2.788	84	94603	54.945	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	77462	51.526	ug/l	96
22) Diisopropyl ether	3.751	45	316301	56.641	ug/l #	85
23) Vinyl Acetate	3.715	43	1218918	272.726	ug/l	100
24) 1,1-Dichloroethane	3.605	63	163853	55.204	ug/l	98
25) 2-Butanone	4.544	43	291102	286.904	ug/l	98
26) 2,2-Dichloropropane	4.471	77	106299	43.084	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	99141	53.848	ug/l	98
28) Bromochloromethane	4.885	49	77600	59.887	ug/l	99
29) Tetrahydrofuran	4.995	42	179564	294.184	ug/l	99
30) Chloroform	5.080	83	172945	57.661	ug/l	99
31) Cyclohexane	5.464	56	102829	41.596	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	134434	52.841	ug/l	100
36) 1,1-Dichloropropene	5.684	75	97936	45.328	ug/l	99
37) Ethyl Acetate	4.696	43	117906	50.967	ug/l	99
38) Carbon Tetrachloride	5.666	117	109787	46.767	ug/l	96
39) Methylcyclohexane	7.367	83	95051	38.756	ug/l	98
40) Benzene	6.025	78	334755	51.012	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100625\
 Data File : VX048032.D
 Acq On : 06 Oct 2025 17:56
 Operator : JC/MD
 Sample : Q3202-13MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SY-3DMS

Manual Integrations
 APPROVED

Reviewed By :John Carlone 10/07/2025
 Supervised By :Mahesh Dadoda 10/07/2025

Quant Time: Oct 07 02:20:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	69739	58.394	ug/l	97
42) 1,2-Dichloroethane	6.074	62	132602	53.108	ug/l	98
43) Isopropyl Acetate	6.324	43	198896	52.423	ug/l	100
44) Trichloroethene	7.110	130	77160	48.635	ug/l	96
45) 1,2-Dichloropropane	7.415	63	89874	53.485	ug/l	99
46) Dibromomethane	7.568	93	66818	54.644	ug/l	98
47) Bromodichloromethane	7.805	83	140570	55.709	ug/l	98
48) Methyl methacrylate	7.677	41	101999	53.971	ug/l	99
49) 1,4-Dioxane	7.647	88	22200	1162.352	ug/l	95
51) 4-Methyl-2-Pentanone	8.561	43	621801	295.588	ug/l	100
52) Toluene	8.702	92	204839	50.665	ug/l	99
53) t-1,3-Dichloropropene	8.964	75	133137	51.728	ug/l	99
54) cis-1,3-Dichloropropene	8.354	75	140587	51.104	ug/l	99
55) 1,1,2-Trichloroethane	9.134	97	87596	56.189	ug/l	98
56) Ethyl methacrylate	9.104	69	135060	55.165	ug/l	98
57) 1,3-Dichloropropane	9.293	76	151949	56.739	ug/l	100
59) 2-Hexanone	9.415	43	423422	280.260	ug/l	99
60) Dibromochloromethane	9.506	129	104850	58.371	ug/l	99
61) 1,2-Dibromoethane	9.592	107	90024	56.694	ug/l	100
64) Tetrachloroethene	9.256	164	58433	42.544	ug/l	98
65) Chlorobenzene	10.061	112	232755	48.628	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.146	131	85026	51.479	ug/l	100
67) Ethyl Benzene	10.177	91	381615	46.208	ug/l	99
68) m/p-Xylenes	10.287	106	289184	94.076	ug/l	99
69) o-Xylene	10.628	106	142447	47.910	ug/l	99
70) Styrene	10.640	104	255471	49.038	ug/l	99
71) Bromoform	10.781	173	67019	54.342	ug/l #	98
73) Isopropylbenzene	10.945	105	356443	42.191	ug/l	100
74) N-amyl acetate	10.829	43	170643	44.294	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.195	83	126916	49.654	ug/l	98
76) 1,2,3-Trichloropropane	11.219	75	112653m	50.070	ug/l	
77) Bromobenzene	11.183	156	95214	45.759	ug/l	97
78) n-propylbenzene	11.287	91	418566	41.911	ug/l	100
79) 2-Chlorotoluene	11.348	91	266070	43.498	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	294754	42.466	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	36450	41.314	ug/l	99
82) 4-Chlorotoluene	11.439	91	314403	43.521	ug/l	98
83) tert-Butylbenzene	11.695	119	301772	42.471	ug/l	98
84) 1,2,4-Trimethylbenzene	11.732	105	303376	43.111	ug/l	100
85) sec-Butylbenzene	11.872	105	346854	41.098	ug/l	100
86) p-Isopropyltoluene	11.994	119	289184	40.473	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	170053	44.000	ug/l	98
88) 1,4-Dichlorobenzene	12.024	146	174026	43.872	ug/l	100
89) n-Butylbenzene	12.317	91	260335	39.377	ug/l	99
90) Hexachloroethane	12.518	117	55599	44.321	ug/l	97
91) 1,2-Dichlorobenzene	12.317	146	165346	44.906	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	24134	46.636	ug/l	98
93) 1,2,4-Trichlorobenzene	13.567	180	99060	41.396	ug/l	100
94) Hexachlorobutadiene	13.707	225	30890	38.003	ug/l	97
95) Naphthalene	13.756	128	324965	44.596	ug/l	100
96) 1,2,3-Trichlorobenzene	13.938	180	95542	42.921	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100625\
Data File : VX048032.D
Acq On : 06 Oct 2025 17:56
Operator : JC/MD
Sample : Q3202-13MS
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SY-3DMS

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/07/2025
Supervised By :Mahesh Dadoda 10/07/2025

Quant Time: Oct 07 02:20:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

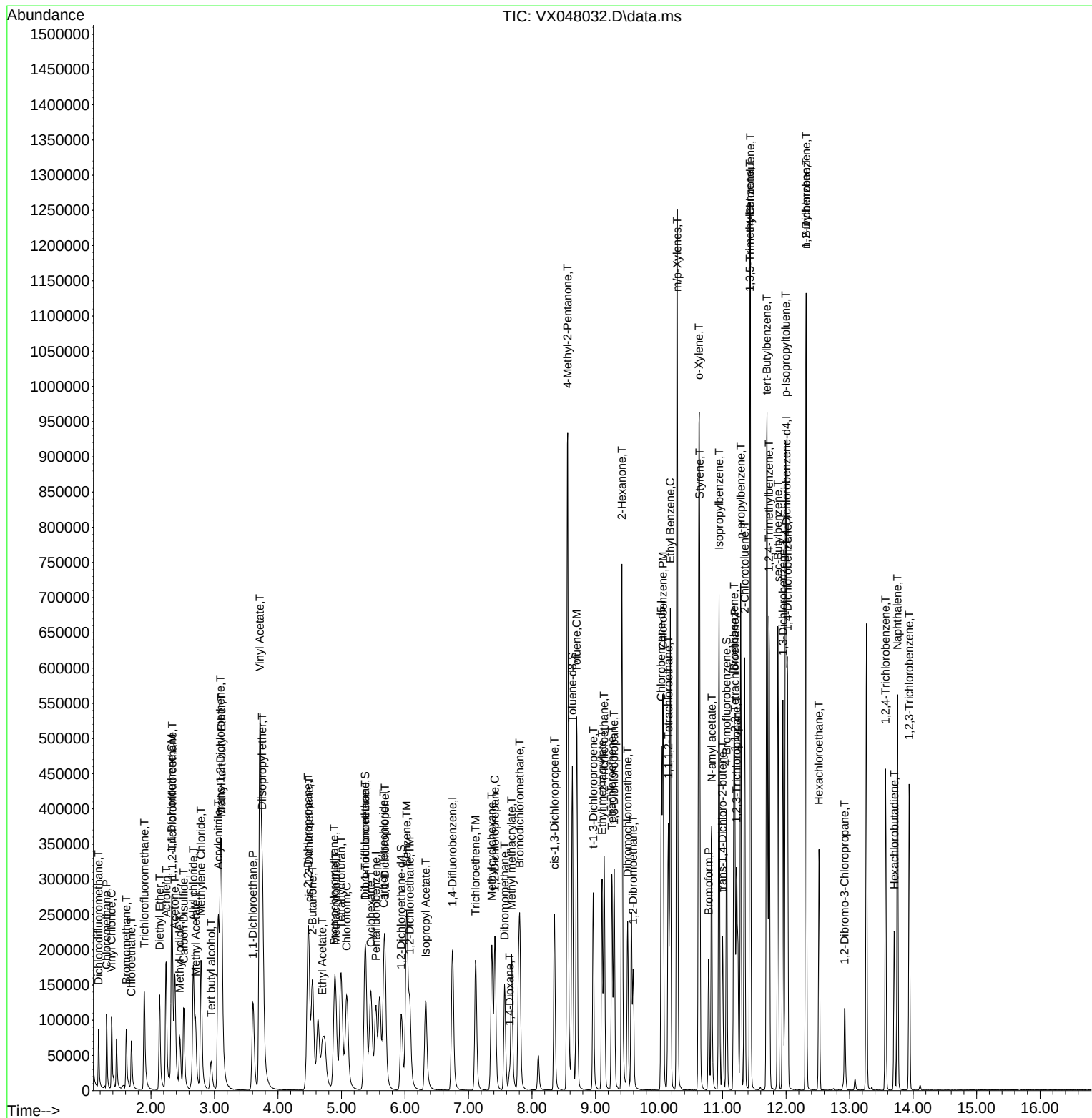
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Instrument :
MSVOA_X
ClientSampleId :
SY-3DMS

Manual Integrations APPROVED

Reviewed By :John Carlone 10/07/2025
Supervised By :Mahesh Dadoda 10/07/2025



Report of Analysis

Client:	Lockwood, Kessler & Bartlett, Inc.	Date Collected:	09/23/25
Project:	Syosset Landfill 2025	Date Received:	09/24/25
Client Sample ID:	SY-3DMSD	SDG No.:	Q3202
Lab Sample ID:	Q3202-15MSD	Matrix:	Water
Analytical Method:	8260D	% 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:	Date Analyzed	Prep Batch ID
VX048033.D	1	10/06/25 18:17	VX100625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1330-20-7	Total Xylenes	152		0.36	3.00	ug/L
95-47-6	o-Xylene	52.3		0.12	1.00	ug/L
100-42-5	Styrene	53.2		0.15	1.00	ug/L
75-25-2	Bromoform	58.4		0.19	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	57.3		0.26	1.00	ug/L
96-18-4	1,2,3-Trichloropropane	49.7		0.35	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	51.0		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	52.5		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	53.1		0.53	1.00	ug/L
74-88-4	Methyl Iodide	46.1		0.83	5.00	ug/L
110-57-6	trans-1,4-Dichloro-2-butene	48.2		0.84	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	57.0		74 - 125	114%	SPK: 50
1868-53-7	Dibromofluoromethane	55.2		75 - 124	110%	SPK: 50
2037-26-5	Toluene-d8	53.9		86 - 113	108%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.6		77 - 121	109%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	110000	5.544			
540-36-3	1,4-Difluorobenzene	205000	6.745			
3114-55-4	Chlorobenzene-d5	192000	10.037			
3855-82-1	1,4-Dichlorobenzene-d4	95000	12.006			

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\VX100625\
 Data File : VX048033.D
 Acq On : 06 Oct 2025 18:17
 Operator : JC/MD
 Sample : Q3202-15MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SY-3DMSD

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/07/2025
 Supervised By : Mahesh Dadoda 10/07/2025

Quant Time: Oct 07 02:21:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	110266	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	205395	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	191957	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	95020	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	100072	57.016	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 114.040%			
35) Dibromofluoromethane	5.379	113	76025	55.191	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.380%			
50) Toluene-d8	8.635	98	256817	53.881	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 107.760%			
62) 4-Bromofluorobenzene	11.061	95	98761	54.596	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.200%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	51313	44.940	ug/l	99
3) Chloromethane	1.301	50	68404	45.582	ug/l	99
4) Vinyl Chloride	1.380	62	71865	48.921	ug/l	98
5) Bromomethane	1.611	94	46238	49.638	ug/l	99
6) Chloroethane	1.691	64	49420	50.335	ug/l	99
7) Trichlorofluoromethane	1.898	101	106353	48.760	ug/l	98
8) Diethyl Ether	2.136	74	50729	56.856	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.337	101	61147	47.944	ug/l	99
10) Methyl Iodide	2.459	142	91748	46.126	ug/l	99
11) Tert butyl alcohol	2.947	59	52083	266.440	ug/l	99
12) 1,1-Dichloroethene	2.325	96	65309	49.851	ug/l	92
13) Acrolein	2.239	56	145301	806.618	ug/l	98
14) Allyl chloride	2.666	41	133379	49.338	ug/l	98
15) Acrylonitrile	3.062	53	223451	308.608	ug/l	100
16) Acetone	2.373	43	173515	227.368	ug/l	99
17) Carbon Disulfide	2.514	76	157684	43.966	ug/l	98
18) Methyl Acetate	2.703	43	106108	62.476	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	277136	57.950	ug/l	99
20) Methylene Chloride	2.788	84	89050	55.126	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	73523	52.127	ug/l	98
22) Diisopropyl ether	3.757	45	305287	58.269	ug/l	99
23) Vinyl Acetate	3.715	43	1158636	276.314	ug/l	99
24) 1,1-Dichloroethane	3.605	63	156900	56.344	ug/l	99
25) 2-Butanone	4.544	43	268688	282.256	ug/l	99
26) 2,2-Dichloropropane	4.471	77	102248	44.171	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	97734	56.581	ug/l	95
28) Bromochloromethane	4.891	49	73224	60.232	ug/l	99
29) Tetrahydrofuran	4.989	42	169510	296.005	ug/l	99
30) Chloroform	5.086	83	166640	59.218	ug/l	99
31) Cyclohexane	5.464	56	98250	42.362	ug/l	96
32) 1,1,1-Trichloroethane	5.373	97	129531	54.268	ug/l	98
36) 1,1-Dichloropropene	5.684	75	93900	46.650	ug/l	99
37) Ethyl Acetate	4.702	43	111516	51.743	ug/l	99
38) Carbon Tetrachloride	5.666	117	106539	48.715	ug/l	95
39) Methylcyclohexane	7.366	83	90475	39.598	ug/l	97
40) Benzene	6.025	78	321650	52.613	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100625\
 Data File : VX048033.D
 Acq On : 06 Oct 2025 18:17
 Operator : JC/MD
 Sample : Q3202-15MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SY-3DMSD

Manual Integrations
 APPROVED

Reviewed By :John Carlone 10/07/2025
 Supervised By :Mahesh Dadoda 10/07/2025

Quant Time: Oct 07 02:21:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	65229	58.626	ug/l	97
42) 1,2-Dichloroethane	6.074	62	127370	54.757	ug/l	98
43) Isopropyl Acetate	6.324	43	190077	53.776	ug/l	98
44) Trichloroethene	7.110	130	75325	50.963	ug/l	98
45) 1,2-Dichloropropane	7.421	63	88202	56.343	ug/l	98
46) Dibromomethane	7.568	93	64383	56.517	ug/l	97
47) Bromodichloromethane	7.805	83	138308	58.836	ug/l	95
48) Methyl methacrylate	7.677	41	98130	55.736	ug/l	97
49) 1,4-Dioxane	7.647	88	22441	1261.219	ug/l	98
51) 4-Methyl-2-Pentanone	8.561	43	594038	303.119	ug/l	99
52) Toluene	8.702	92	202032	53.639	ug/l	98
53) t-1,3-Dichloropropene	8.964	75	132185	55.128	ug/l	100
54) cis-1,3-Dichloropropene	8.354	75	138020	53.854	ug/l	98
55) 1,1,2-Trichloroethane	9.134	97	85430	58.822	ug/l	95
56) Ethyl methacrylate	9.104	69	133791	58.658	ug/l	98
57) 1,3-Dichloropropane	9.293	76	148166	59.388	ug/l	99
59) 2-Hexanone	9.415	43	409293	290.794	ug/l	99
60) Dibromochloromethane	9.506	129	102837	61.453	ug/l	100
61) 1,2-Dibromoethane	9.592	107	88818	60.041	ug/l	99
64) Tetrachloroethene	9.256	164	57278	45.773	ug/l	97
65) Chlorobenzene	10.061	112	229197	52.557	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.146	131	83056	55.193	ug/l	98
67) Ethyl Benzene	10.177	91	378641	50.322	ug/l	98
68) m/p-Xylenes	10.287	106	283057	101.069	ug/l	99
69) o-Xylene	10.628	106	141656	52.293	ug/l	97
70) Styrene	10.640	104	252447	53.186	ug/l	99
71) Bromoform	10.781	173	65663	58.438	ug/l #	98
73) Isopropylbenzene	10.945	105	351304	48.630	ug/l	99
74) N-amyl acetate	10.823	43	165215	50.152	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	125219	57.292	ug/l	100
76) 1,2,3-Trichloropropane	11.219	75	95632m	49.708	ug/l	
77) Bromobenzene	11.183	156	93461	52.529	ug/l	98
78) n-propylbenzene	11.287	91	411045	48.133	ug/l	99
79) 2-Chlorotoluene	11.347	91	261037	49.908	ug/l	98
80) 1,3,5-Trimethylbenzene	11.433	105	292455	49.275	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	36337	48.166	ug/l	99
82) 4-Chlorotoluene	11.439	91	312616	50.607	ug/l	99
83) tert-Butylbenzene	11.695	119	294905	48.538	ug/l	98
84) 1,2,4-Trimethylbenzene	11.732	105	299976	49.852	ug/l	100
85) sec-Butylbenzene	11.872	105	342487	47.457	ug/l	100
86) p-Isopropyltoluene	11.994	119	286662	46.919	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	166598	50.412	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	172852	50.961	ug/l	99
89) n-Butylbenzene	12.317	91	254762	45.064	ug/l	99
90) Hexachloroethane	12.518	117	56129	52.326	ug/l	95
91) 1,2-Dichlorobenzene	12.317	146	165286	52.497	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	23493	53.091	ug/l	96
93) 1,2,4-Trichlorobenzene	13.567	180	96955	47.383	ug/l	98
94) Hexachlorobutadiene	13.707	225	29282	42.130	ug/l	99
95) Naphthalene	13.756	128	324543	52.086	ug/l	100
96) 1,2,3-Trichlorobenzene	13.938	180	96007	50.439	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100625\
Data File : VX048033.D
Acq On : 06 Oct 2025 18:17
Operator : JC/MD
Sample : Q3202-15MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SY-3DMSD

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/07/2025
Supervised By :Mahesh Dadoda 10/07/2025

Quant Time: Oct 07 02:21:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

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

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

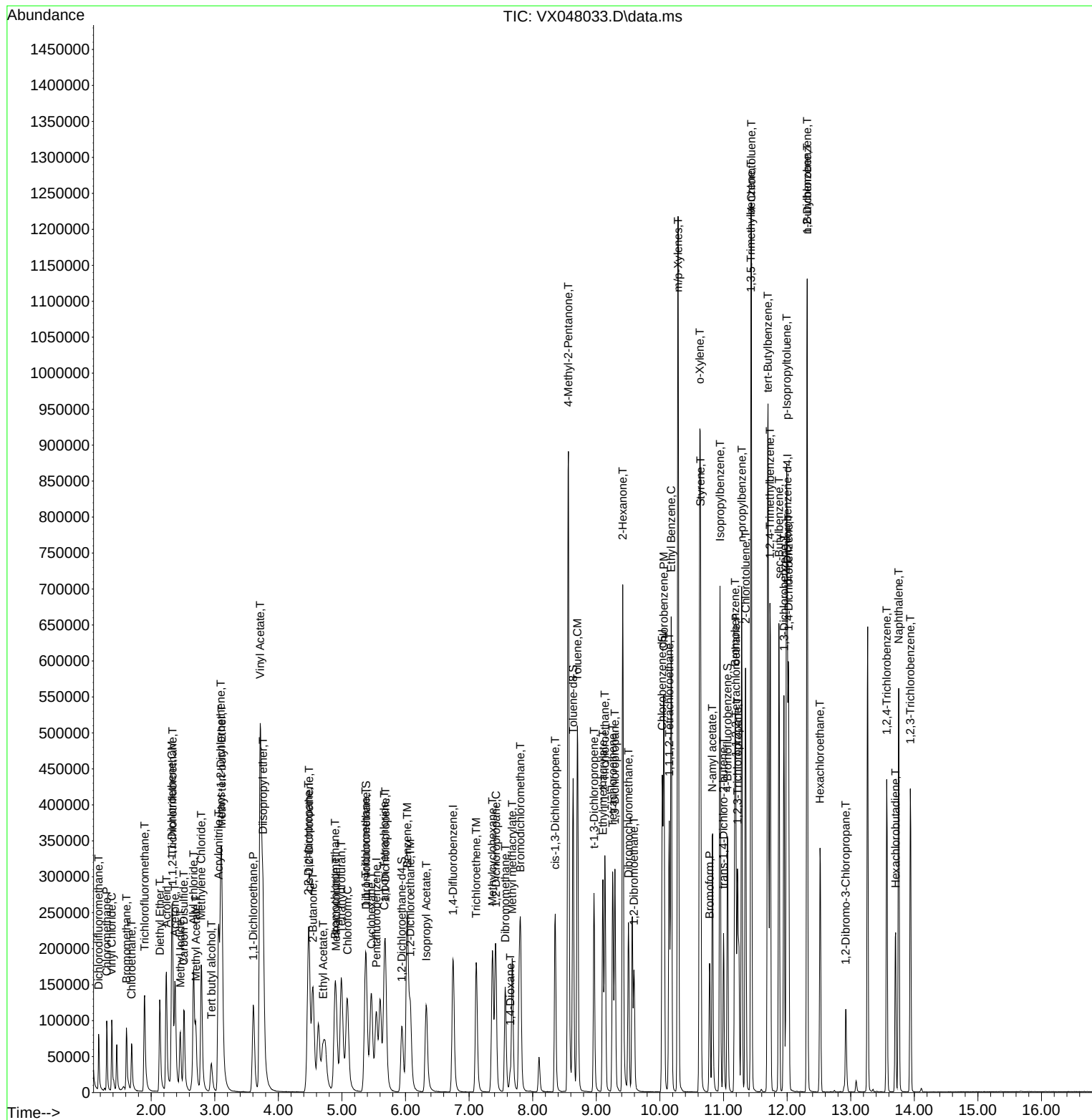
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100625\
 Data File : VX048033.D
 Acq On : 06 Oct 2025 18:17
 Operator : JC/MD
 Sample : Q3202-15MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SY-3DMSD

Manual Integrations APPROVED

Reviewed By :John Carlone 10/07/2025
 Supervised By :Mahesh Dadoda 10/07/2025

Quant Time: Oct 07 02:21:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration



Manual Integration Report

Sequence:	vx091625	Instrument	MSVOA_x
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDIC001	VX047585.D	1,2,3-Trichloropropane	JOHN	9/17/2025 8:25:46 AM	MMDadoda	9/18/2025 3:22:10 PM	Peak Integrated by Software
VSTDIC001	VX047585.D	1,4-Dichlorobenzene	JOHN	9/17/2025 8:25:46 AM	MMDadoda	9/18/2025 3:22:10 PM	Peak Integrated by Software
VSTDIC001	VX047585.D	1,4-Dioxane	JOHN	9/17/2025 8:25:46 AM	MMDadoda	9/18/2025 3:22:10 PM	Peak Integrated by Software
VSTDIC005	VX047586.D	1,2,3-Trichloropropane	JOHN	9/17/2025 8:25:50 AM	MMDadoda	9/18/2025 3:22:12 PM	Peak Integrated by Software
VSTDIC020	VX047587.D	1,2,3-Trichloropropane	JOHN	9/17/2025 8:25:57 AM	MMDadoda	9/18/2025 3:22:15 PM	Peak Integrated by Software
VSTDIC050	VX047588.D	1,2,3-Trichloropropane	JOHN	9/17/2025 8:26:01 AM	MMDadoda	9/18/2025 3:22:17 PM	Peak Integrated by Software
VSTDIC100	VX047589.D	1,2,3-Trichloropropane	JOHN	9/17/2025 8:26:06 AM	MMDadoda	9/18/2025 3:22:20 PM	Peak Integrated by Software
VSTDIC150	VX047590.D	1,2,3-Trichloropropane	JOHN	9/17/2025 8:26:11 AM	MMDadoda	9/18/2025 3:22:24 PM	Peak Integrated by Software
VSTDICV050	VX047592.D	1,2,3-Trichloropropane	JOHN	9/17/2025 8:26:15 AM	MMDadoda	9/18/2025 3:22:26 PM	Peak Integrated by Software
VSTDIC050	VX047599.D	1,2,3-Trichloropropane	JOHN	9/17/2025 8:26:34 AM	MMDadoda	9/18/2025 3:22:31 PM	Peak Integrated by Software

Manual Integration Report

Sequence:

VX100325

Instrument

MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX047981.D	1,2,3-Trichloropropane	MMDadoda	10/6/2025 4:25:23 AM	SAM	10/6/2025 4:29:53 AM	Peak Integrated by Software
VX1003WBS02	VX047986.D	1,2,3-Trichloropropane	MMDadoda	10/6/2025 4:25:26 AM	SAM	10/6/2025 4:29:56 AM	Peak Integrated by Software
VSTDCCC050	VX048007.D	1,2,3-Trichloropropane	MMDadoda	10/6/2025 4:25:32 AM	SAM	10/6/2025 4:30:33 AM	Peak Integrated by Software

Manual Integration Report

Sequence:

VX100625

Instrument

MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX048009.D	1,2,3-Trichloropropane	JOHN	10/7/2025 9:15:55 AM	MMDadoda	10/7/2025 1:40:16 PM	Peak Integrated by Software
VX1006WBS02	VX048014.D	1,2,3-Trichloropropane	JOHN	10/7/2025 9:16:04 AM	MMDadoda	10/7/2025 1:40:18 PM	Peak Integrated by Software
Q3202-13MS	VX048032.D	1,2,3-Trichloropropane	JOHN	10/7/2025 9:16:18 AM	MMDadoda	10/7/2025 1:40:23 PM	Peak Integrated by Software
Q3202-15MSD	VX048033.D	1,2,3-Trichloropropane	JOHN	10/7/2025 9:16:22 AM	MMDadoda	10/7/2025 1:40:24 PM	Peak Integrated by Software
VSTDCCC050	VX048034.D	1,2,3-Trichloropropane	JOHN	10/7/2025 9:16:27 AM	MMDadoda	10/7/2025 1:40:25 PM	Peak Integrated by Software

Instrument ID: **MSVOA_X**

Daily Analysis Runlog For Sequence/QC Batch ID # VX091625

Review By	John Carlone	Review On	9/17/2025 8:27:00 AM
Supervise By	Maresh Dadoda	Supervise On	9/18/2025 3:22:52 PM
SubDirectory	VX091625	HP Acquire Method	HP Processing Method 82X091625W.M
STD. NAME	STD REF.#		
Tune/Reschk	VP135487		
Initial Calibration Stds	VP135489,VP135490,VP135491,VP135492,VP135493,VP135494		
CCC	VP135488		
Internal Standard/PEM			
ICV/I.BLK	VP135495		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX047584.D	16 Sep 2025 08:56	JC/MD	Ok
2	VSTDIC001	VX047585.D	16 Sep 2025 09:23	JC/MD	Ok,M
3	VSTDIC005	VX047586.D	16 Sep 2025 10:16	JC/MD	Ok,M
4	VSTDIC020	VX047587.D	16 Sep 2025 10:37	JC/MD	Ok,M
5	VSTDIC050	VX047588.D	16 Sep 2025 10:58	JC/MD	Ok,M
6	VSTDIC100	VX047589.D	16 Sep 2025 11:40	JC/MD	Ok,M
7	VSTDIC150	VX047590.D	16 Sep 2025 12:01	JC/MD	Ok,M
8	IBLK	VX047591.D	16 Sep 2025 12:22	JC/MD	Ok
9	VSTDICV050	VX047592.D	16 Sep 2025 13:35	JC/MD	Ok,M
10	VX0916MBL01	VX047593.D	16 Sep 2025 14:03	JC/MD	Ok
11	VX0916WBL01	VX047594.D	16 Sep 2025 14:53	JC/MD	Ok
12	VX0916WBS01	VX047595.D	16 Sep 2025 15:21	JC/MD	Ok,M
13	VX0916WBSD01	VX047596.D	16 Sep 2025 15:46	JC/MD	Ok,M
14	Q3015-01	VX047597.D	16 Sep 2025 16:07	JC/MD	Ok,M
15	VIBLK	VX047598.D	16 Sep 2025 16:30	JC/MD	Ok
16	VSTDIC050	VX047599.D	16 Sep 2025 16:51	JC/MD	Ok,M

M : Manual Integration

Instrument ID: **MSVOA_X**

Daily Analysis Runlog For Sequence/QC Batch ID # VX100325

Review By	Mahesh Dadoda	Review On	10/6/2025 4:25:47 AM
Supervise By	Semsettin Yesilyurt	Supervise On	10/6/2025 4:30:49 AM
SubDirectory	VX100325	HP Acquire Method	HP Processing Method 82X091625W.M
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	VP135734		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP135735,VP135736		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX047980.D	03 Oct 2025 08:35	JC/MD	Ok
2	VSTDCCC050	VX047981.D	03 Oct 2025 09:35	JC/MD	Ok,M
3	VX1003MBL01	VX047982.D	03 Oct 2025 09:56	JC/MD	Ok
4	VX1003WBL01	VX047983.D	03 Oct 2025 10:16	JC/MD	Ok
5	VX1003WBS01	VX047984.D	03 Oct 2025 11:14	JC/MD	Not Ok
6	Q3194-01DL	VX047985.D	03 Oct 2025 11:34	JC/MD	Ok
7	VX1003WBS02	VX047986.D	03 Oct 2025 12:22	JC/MD	Ok,M
8	Q3194-15RE	VX047987.D	03 Oct 2025 12:49	JC/MD	Confirms
9	Q3193-19	VX047988.D	03 Oct 2025 13:09	JC/MD	Ok
10	Q3194-05	VX047989.D	03 Oct 2025 13:30	JC/MD	Ok
11	Q3193-01	VX047990.D	03 Oct 2025 13:50	JC/MD	Ok
12	Q3202-01	VX047991.D	03 Oct 2025 14:11	JC/MD	Ok
13	Q3226-01	VX047992.D	03 Oct 2025 14:32	JC/MD	Ok
14	Q3226-02	VX047993.D	03 Oct 2025 14:52	JC/MD	Ok
15	Q3226-03	VX047994.D	03 Oct 2025 15:13	JC/MD	Ok
16	Q3226-04	VX047995.D	03 Oct 2025 15:34	JC/MD	Ok
17	Q3248-01	VX047996.D	03 Oct 2025 15:55	JC/MD	Ok
18	Q3248-02	VX047997.D	03 Oct 2025 16:15	JC/MD	Ok
19	Q3248-03	VX047998.D	03 Oct 2025 16:36	JC/MD	Ok
20	Q3248-04	VX047999.D	03 Oct 2025 16:57	JC/MD	Ok
21	Q3248-05	VX048000.D	03 Oct 2025 17:18	JC/MD	Ok

Instrument ID: **MSVOA_X**

Daily Analysis Runlog For Sequence/QC Batch ID # VX100325

Review By	Maresh Dadoda	Review On	10/6/2025 4:25:47 AM
Supervise By	Semsettin Yesilyurt	Supervise On	10/6/2025 4:30:49 AM
SubDirectory	VX100325	HP Acquire Method	HP Processing Method 82X091625W.M
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	VP135734		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP135735,VP135736		

22	Q3248-06	VX048001.D	03 Oct 2025 17:38	JC/MD	Ok
23	Q3248-07	VX048002.D	03 Oct 2025 17:59	JC/MD	Ok
24	VX1003WBSD02	VX048003.D	03 Oct 2025 18:20	JC/MD	Ok,M
25	Q3248-08	VX048004.D	03 Oct 2025 18:41	JC/MD	Ok
26	Q3248-09MS	VX048005.D	03 Oct 2025 19:02	JC/MD	Ok,M
27	Q3248-10MSD	VX048006.D	03 Oct 2025 19:22	JC/MD	Ok,M
28	VSTDCCC050	VX048007.D	03 Oct 2025 19:43	JC/MD	Ok,M

M : Manual Integration

Instrument ID: **MSVOA_X**

Daily Analysis Runlog For Sequence/QC Batch ID # VX100625

Review By	John Carlone	Review On	10/7/2025 9:29:22 AM
Supervise By		Supervise On	
SubDirectory	VX100625	HP Acquire Method	HP Processing Method 82X091625W.M
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	VP135743		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP135744,VP135745		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX048008.D	06 Oct 2025 08:12	JC/MD	Ok
2	VSTDCCC050	VX048009.D	06 Oct 2025 08:54	JC/MD	Ok,M
3	VX1006MBL01	VX048010.D	06 Oct 2025 09:23	JC/MD	Ok
4	VX1006WBL01	VX048011.D	06 Oct 2025 09:44	JC/MD	Ok
5	VX1006WBS01	VX048012.D	06 Oct 2025 10:44	JC/MD	Not Ok
6	Q3202-19	VX048013.D	06 Oct 2025 11:13	JC/MD	Ok
7	VX1006WBS02	VX048014.D	06 Oct 2025 11:34	JC/MD	Ok,M
8	VX1006WBSD02	VX048015.D	06 Oct 2025 12:01	JC/MD	Ok,M
9	Q3279-01	VX048016.D	06 Oct 2025 12:22	JC/MD	Ok
10	Q3279-02	VX048017.D	06 Oct 2025 12:43	JC/MD	Ok
11	Q3279-03	VX048018.D	06 Oct 2025 13:04	JC/MD	Ok
12	Q3279-04	VX048019.D	06 Oct 2025 13:25	JC/MD	Ok
13	Q3201-06	VX048020.D	06 Oct 2025 13:46	JC/MD	Ok,M
14	Q3201-03	VX048021.D	06 Oct 2025 14:07	JC/MD	Ok
15	Q3201-04	VX048022.D	06 Oct 2025 14:28	JC/MD	Ok
16	Q3263-01	VX048023.D	06 Oct 2025 14:49	JC/MD	Ok
17	Q3263-02	VX048024.D	06 Oct 2025 15:10	JC/MD	Ok
18	Q3202-03	VX048025.D	06 Oct 2025 15:31	JC/MD	Ok
19	Q3202-05	VX048026.D	06 Oct 2025 15:51	JC/MD	Ok
20	Q3202-07	VX048027.D	06 Oct 2025 16:12	JC/MD	Ok
21	Q3202-09	VX048028.D	06 Oct 2025 16:33	JC/MD	Ok

Instrument ID: **MSVOA_X**

Daily Analysis Runlog For Sequence/QC Batch ID # VX100625

Review By	John Carlone	Review On	10/7/2025 9:29:22 AM
Supervise By		Supervise On	
SubDirectory	VX100625	HP Acquire Method	HP Processing Method 82X091625W.M
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	VP135743		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP135744,VP135745		

22	Q3202-17	VX048029.D	06 Oct 2025 16:54	JC/MD	Ok
23	IBLK	VX048030.D	06 Oct 2025 17:15	JC/MD	Ok
24	Q3202-11	VX048031.D	06 Oct 2025 17:35	JC/MD	Ok
25	Q3202-13MS	VX048032.D	06 Oct 2025 17:56	JC/MD	Ok,M
26	Q3202-15MSD	VX048033.D	06 Oct 2025 18:17	JC/MD	Ok,M
27	VSTDCCC050	VX048034.D	06 Oct 2025 18:38	JC/MD	Ok,M

M : Manual Integration

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QC Batch ID # VX091625

Review By	John Carlone	Review On	9/17/2025 8:27:00 AM
Supervise By	Maresh Dadoda	Supervise On	9/18/2025 3:22:52 PM
SubDirectory	VX091625	HP Acquire Method	HP Processing Method 82X091625W.M
STD. NAME	STD REF.#		
Tune/Reschk	VP135487		
Initial Calibration Stds	VP135489,VP135490,VP135491,VP135492,VP135493,VP135494		
CCC	VP135488		
Internal Standard/PEM			
ICV/I.BLK	VP135495		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX047584.D	16 Sep 2025 08:56		JC/MD	Ok
2	VSTDIC001	VSTDIC001	VX047585.D	16 Sep 2025 09:23		JC/MD	Ok,M
3	VSTDIC005	VSTDIC005	VX047586.D	16 Sep 2025 10:16	QR-58	JC/MD	Ok,M
4	VSTDIC020	VSTDIC020	VX047587.D	16 Sep 2025 10:37		JC/MD	Ok,M
5	VSTDIC050	VSTDIC050	VX047588.D	16 Sep 2025 10:58		JC/MD	Ok,M
6	VSTDIC100	VSTDIC100	VX047589.D	16 Sep 2025 11:40		JC/MD	Ok,M
7	VSTDIC150	VSTDIC150	VX047590.D	16 Sep 2025 12:01		JC/MD	Ok,M
8	IBLK	IBLK	VX047591.D	16 Sep 2025 12:22		JC/MD	Ok
9	VSTDICV050	ICVVX091625	VX047592.D	16 Sep 2025 13:35		JC/MD	Ok,M
10	VX0916MBL01	VX0916MBL01	VX047593.D	16 Sep 2025 14:03		JC/MD	Ok
11	VX0916WBL01	VX0916WBL01	VX047594.D	16 Sep 2025 14:53		JC/MD	Ok
12	VX0916WBS01	VX0916WBS01	VX047595.D	16 Sep 2025 15:21		JC/MD	Ok,M
13	VX0916WBSD01	VX0916WBSD01	VX047596.D	16 Sep 2025 15:46		JC/MD	Ok,M
14	Q3015-01	WP0925-PT-VOA-WP	VX047597.D	16 Sep 2025 16:07		JC/MD	Ok,M
15	VIBLK	VIBLK	VX047598.D	16 Sep 2025 16:30		JC/MD	Ok
16	VSTDIC050	VSTDIC050EC	VX047599.D	16 Sep 2025 16:51		JC/MD	Ok,M

M : Manual Integration

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QC Batch ID # VX100325

Review By	Maresh Dadoda	Review On	10/6/2025 4:25:47 AM
Supervise By	Semsettin Yesilyurt	Supervise On	10/6/2025 4:30:49 AM
SubDirectory	VX100325	HP Acquire Method	HP Processing Method 82X091625W.M

STD. NAME	STD REF.#
Tune/Reschk Initial Calibration Stds	VP135734
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP135735,VP135736

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX047980.D	03 Oct 2025 08:35		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX047981.D	03 Oct 2025 09:35	pH#Lot#V12668	JC/MD	Ok,M
3	VX1003MBL01	VX1003MBL01	VX047982.D	03 Oct 2025 09:56		JC/MD	Ok
4	VX1003WBL01	VX1003WBL01	VX047983.D	03 Oct 2025 10:16		JC/MD	Ok
5	VX1003WBS01	VX1003WBS01	VX047984.D	03 Oct 2025 11:14	Surrogate fail	JC/MD	Not Ok
6	Q3194-01DL	TT189D1-20250922DL	VX047985.D	03 Oct 2025 11:34	vial B pH<2	JC/MD	Ok
7	VX1003WBS02	VX1003WBS02	VX047986.D	03 Oct 2025 12:22		JC/MD	Ok,M
8	Q3194-15RE	EB05-20250924RE	VX047987.D	03 Oct 2025 12:49	vial B pH<2	JC/MD	Confirms
9	Q3193-19	EB04-20250923	VX047988.D	03 Oct 2025 13:09	vial B pH<2	JC/MD	Ok
10	Q3194-05	TT150S1-20250922	VX047989.D	03 Oct 2025 13:30	vial B pH<2	JC/MD	Ok
11	Q3193-01	RW10-MW01D-202509	VX047990.D	03 Oct 2025 13:50	vial B pH<2	JC/MD	Ok
12	Q3202-01	SY-6	VX047991.D	03 Oct 2025 14:11	vial B pH<2	JC/MD	Ok
13	Q3226-01	STORAGE-BLANK-SO	VX047992.D	03 Oct 2025 14:32	vial A pH<2	JC/MD	Ok
14	Q3226-02	STORAGE-BLANK-WA	VX047993.D	03 Oct 2025 14:52	vial A pH<2	JC/MD	Ok
15	Q3226-03	STORAGE-BLANK-WA	VX047994.D	03 Oct 2025 15:13	vial A pH<2	JC/MD	Ok
16	Q3226-04	STORAGE-BLANK-SAI	VX047995.D	03 Oct 2025 15:34	vial A pH<2	JC/MD	Ok
17	Q3248-01	BP-VPB-184-TB-20250	VX047996.D	03 Oct 2025 15:55	vial A pH<2	JC/MD	Ok
18	Q3248-02	BP-VPB-184-GW-560-5	VX047997.D	03 Oct 2025 16:15	vial A pH<2	JC/MD	Ok

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QC Batch ID # VX100325

Review By	Maresh Dadoda	Review On	10/6/2025 4:25:47 AM
Supervise By	Semsettin Yesilyurt	Supervise On	10/6/2025 4:30:49 AM
SubDirectory	VX100325	HP Acquire Method	HP Processing Method 82X091625W.M
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	VP135734		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP135735,VP135736		

19	Q3248-03	BP-VPB-184-GW-580-6	VX047998.D	03 Oct 2025 16:36	vial A pH<2	JC/MD	Ok
20	Q3248-04	BP-VPB-184-GW-600-6	VX047999.D	03 Oct 2025 16:57	vial A pH<2	JC/MD	Ok
21	Q3248-05	BP-VPB-184-GW-620-6	VX048000.D	03 Oct 2025 17:18	vial A pH<2	JC/MD	Ok
22	Q3248-06	BP-VPB-184-GW-640-6	VX048001.D	03 Oct 2025 17:38	vial A pH<2	JC/MD	Ok
23	Q3248-07	BP-VPB-184-GW-660-6	VX048002.D	03 Oct 2025 17:59	vial A pH<2	JC/MD	Ok
24	VX1003WBSD02	VX1003WBSD02	VX048003.D	03 Oct 2025 18:20		JC/MD	Ok,M
25	Q3248-08	BP-VPB-184-GW-685-6	VX048004.D	03 Oct 2025 18:41	vial A pH<2	JC/MD	Ok
26	Q3248-09MS	BP-VPB-184-GW-685-6	VX048005.D	03 Oct 2025 19:02	vial A pH<2	JC/MD	Ok,M
27	Q3248-10MSD	BP-VPB-184-GW-685-6	VX048006.D	03 Oct 2025 19:22	vial A pH<2	JC/MD	Ok,M
28	VSTDCCC050	VSTDCCC050EC	VX048007.D	03 Oct 2025 19:43		JC/MD	Ok,M

M : Manual Integration

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QC Batch ID # VX100625

Review By	John Carlone	Review On	10/7/2025 9:29:22 AM
Supervise By		Supervise On	
SubDirectory	VX100625	HP Acquire Method	HP Processing Method 82X091625W.M

STD. NAME	STD REF.#
Tune/Reschk Initial Calibration Stds	VP135743
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP135744,VP135745

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX048008.D	06 Oct 2025 08:12		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX048009.D	06 Oct 2025 08:54	compound#11 fail high marginally in CCC	JC/MD	Ok,M
3	VX1006MBL01	VX1006MBL01	VX048010.D	06 Oct 2025 09:23		JC/MD	Ok
4	VX1006WBL01	VX1006WBL01	VX048011.D	06 Oct 2025 09:44		JC/MD	Ok
5	VX1006WBS01	VX1006WBS01	VX048012.D	06 Oct 2025 10:44	Recovery fail	JC/MD	Not Ok
6	Q3202-19	TB	VX048013.D	06 Oct 2025 11:13	vial A pH<2 TB	JC/MD	Ok
7	VX1006WBS02	VX1006WBS02	VX048014.D	06 Oct 2025 11:34		JC/MD	Ok,M
8	VX1006WBSD02	VX1006WBSD02	VX048015.D	06 Oct 2025 12:01		JC/MD	Ok,M
9	Q3279-01	STORAGE-BLANK-SAI	VX048016.D	06 Oct 2025 12:22	vial A pH<2	JC/MD	Ok
10	Q3279-02	STORAGE-BLANK-WA	VX048017.D	06 Oct 2025 12:43	vial A pH<2	JC/MD	Ok
11	Q3279-03	STORAGE-BLANK-WA	VX048018.D	06 Oct 2025 13:04	vial A pH<2	JC/MD	Ok
12	Q3279-04	STORAGE-BLANK-SAI	VX048019.D	06 Oct 2025 13:25	vial A pH<2	JC/MD	Ok
13	Q3201-06	MW3	VX048020.D	06 Oct 2025 13:46	vial A pH<2	JC/MD	Ok,M
14	Q3201-03	MW15	VX048021.D	06 Oct 2025 14:07	vial B pH<2	JC/MD	Ok
15	Q3201-04	MW10	VX048022.D	06 Oct 2025 14:28	vial A pH<2	JC/MD	Ok
16	Q3263-01	251818	VX048023.D	06 Oct 2025 14:49	vial B pH<2	JC/MD	Ok
17	Q3263-02	266380	VX048024.D	06 Oct 2025 15:10	vial B pH<2	JC/MD	Ok

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QC Batch ID # VX100625

Review By	John Carlone	Review On	10/7/2025 9:29:22 AM
Supervise By		Supervise On	
SubDirectory	VX100625	HP Acquire Method	HP Processing Method 82X091625W.M
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	VP135743		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP135744,VP135745		

18	Q3202-03	SY-2R	VX048025.D	06 Oct 2025 15:31	vial A pH<2	JC/MD	Ok
19	Q3202-05	SY-2D	VX048026.D	06 Oct 2025 15:51	vial A pH<2	JC/MD	Ok
20	Q3202-07	SY-5	VX048027.D	06 Oct 2025 16:12	vial A pH<2	JC/MD	Ok
21	Q3202-09	SY-3DD	VX048028.D	06 Oct 2025 16:33	vial A pH<2	JC/MD	Ok
22	Q3202-17	SY-3	VX048029.D	06 Oct 2025 16:54	vial A pH<2	JC/MD	Ok
23	IBLK	IBLK	VX048030.D	06 Oct 2025 17:15		JC/MD	Ok
24	Q3202-11	SY-3D	VX048031.D	06 Oct 2025 17:35	vial A pH<2	JC/MD	Ok
25	Q3202-13MS	SY-3DMS	VX048032.D	06 Oct 2025 17:56	vial A pH<2	JC/MD	Ok,M
26	Q3202-15MSD	SY-3DMSD	VX048033.D	06 Oct 2025 18:17	vial A pH<2	JC/MD	Ok,M
27	VSTDCCC050	VSTDCCC050EC	VX048034.D	06 Oct 2025 18:38		JC/MD	Ok,M

M : Manual Integration



SHIPPING DOCUMENTS

CLIENT INFORMATION

CLIENT PROJECT INFORMATION

CLIENT BILLING INFORMATION

REPORT TO BE SENT TO:

COMPANY: LKB ENGINEERING, PLLC
ADDRESS: 1 ARDIA WAY
CITY: SYOSSET STATE: NY ZIP: 11791
ATTENTION: JOHN GERLACH
PHONE: 516-375-1167 FAX:

PROJECT NAME: SYOSSET LF
PROJECT NO.: LOCATION:
PROJECT MANAGER:
e-mail: jgerlach@LKB-ENGINEERING.COM
PHONE: FAX:

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

ANALYSIS

DATA TURNAROUND INFORMATION

DATA DELIVERABLE INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): _____ DAYS*
EDD: _____ DAYS*

*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

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

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	PRESERVATIVES									COMMENTS ← Specify Preservatives A-HCl D-NaOH B-HNO3 E-ICE C-H2SO4 F-OTHER
			COMP	GRAB	DATE	TIME		E	B	D	A	C					
1. SY-6	SY-6	GW		X	9/23/15	10:10	14	5	2	1	2	4					
2. SY-22	SY-22					11:30	14	5	2	1	2	4					
3. SY-20	SY-20					12:15	14	5	2	1	2	4					
4. SY-5	SY-5					12:30	14	5	2	1	2	4					
5. SY-300	SY-300					1:10	14	5	2	1	2	4					
6. SY-3D	SY-3 DAMS/MSD					1:55	42	15	4	3	4	12					
7. SY-3	SY-3					3:30	14	5	2	1	2	4					
8.																	
9.																	
10.																	

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

RELINQUISHED BY SAMPLER: 1. Kate Blachly	DATE/TIME: 9/23/15	RECEIVED BY: 1. [Signature] 1345	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 3.3 °C
RELINQUISHED BY SAMPLER: 2.	DATE/TIME:	RECEIVED BY: 2. [Signature]	Comments:
RELINQUISHED BY SAMPLER: 3. [Signature]	DATE/TIME: 9-23-15	RECEIVED BY: 3.	Page 1 of 1

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete
☐ YES ☐ NO

Laboratory Certification

Certified By	License No.
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255425
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3202 LOCK01

Client Name : Lockwood, Kessler & Barth

Client Contact : John Gerlach

Invoice Name : Lockwood, Kessler & Barth

Invoice Contact : John Gerlach

Order Date : 9/25/2025 11:08:00 AM

Project Name : ~~Ansonia Landfill 2025~~

Receive DateTime : 9/24/2025 5:30:00 PM

Purchase Order :

Project Mgr : Deepak

Report Type : ~~NYS ASPB~~

EDD Type : EXCEL NOCLEANUP

Hard Copy Date :

Date Signoff : 9/25/2025 1:47:15 PM

Level 2

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3202-01	SY-6	Water	09/23/2025	10:10					
					VOCMS Group1		8260-Low	10 Bus. Days	
Q3202-03	SY-2R	Water	09/23/2025	11:30					
					VOCMS Group1		8260-Low	10 Bus. Days	
Q3202-05	SY-2D	Water	09/23/2025	12:15					
					VOCMS Group1		8260-Low	10 Bus. Days	
Q3202-07	SY-5	Water	09/23/2025	12:30					
					VOCMS Group1		8260-Low	10 Bus. Days	
Q3202-09	SY-3DD	Water	09/23/2025	13:10					
					VOCMS Group1		8260-Low	10 Bus. Days	
Q3202-11	SY-3D	Water	09/23/2025	13:55					
					VOCMS Group1		8260-Low	10 Bus. Days	
Q3202-13	SY-3DMS	Water	09/23/2025	13:55					
					VOCMS Group1		8260-Low	10 Bus. Days	
Q3202-15	SY-3DMSD	Water	09/23/2025	13:55					

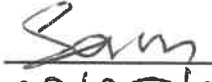
LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3202	LOCK01	Order Date : 9/25/2025 11:08:00 AM	Project Mgr : Deepak
Client Name : Lockwood, Kessler & Barth		Project Name : ~~Ansonia Landfill 2025~~ Syosset Landfill 2025	Report Type : ~~NYS ASPB~~ Level 2
Client Contact : John Gerlach		Receive DateTime : 9/24/2025 5:30:00 PM	EDD Type : EXCEL NOCLEANUP
Invoice Name : Lockwood, Kessler & Barth		Purchase Order :	Hard Copy Date :
Invoice Contact : John Gerlach			Date Signoff : 9/25/2025 1:47:15 PM

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
					VOCMS Group1		8260-Low	10 Bus. Days	
Q3202-17	SY-3	Water	09/23/2025	15:30					
					VOCMS Group1		8260-Low	10 Bus. Days	
Q3202-19	TB	Water	09/24/2025	00:00					
					VOCMS Group1		8260-Low	10 Bus. Days	

Relinquished By : 

Date / Time : 9/25/25

Received By : 

Date / Time : 09/25/25 2:45

Storage Area : VOA Refridgerator Room