

DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following “ Results Qualifiers” are used:

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

LAB CHRONICLE

OrderID:	Q3226	OrderDate:	9/26/2025 11:47:00 AM
Client:	Alliance Technical Group, LLC - Newark	Project:	Weekly Storage Blanks
Contact:	Mohammad Ahmed	Location:	A12,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3226-01	STORAGE-BLANK-SOI L-REF-6	Water			09/19/25			09/26/25
			VOC- Chemtech Full	8260-Low			10/03/25	
Q3226-02	STORAGE-BLANK-WAT ER-REF-5	Water			09/19/25			09/26/25
			VOC- Chemtech Full	8260-Low			10/03/25	
Q3226-03	STORAGE-BLANK-WAT ER-REF-4	Water			09/19/25			09/26/25
			VOC- Chemtech Full	8260-Low			10/03/25	
Q3226-04	STORAGE-BLANK-SAM PLE-MANAGEMENT	Water			09/19/25			09/26/25
			VOC- Chemtech Full	8260-Low			10/03/25	



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Hit Summary Sheet
SW-846

SDG No.: Q3226

Client: Alliance Technical Group, LLC - Newark

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

0

Total Voc :

Total Concentration:



QC SUMMARY

Surrogate Summary

SDG No.: **Q3226**

Client: **Alliance Technical Group, LLC - Newark**

Analytical Method: **SW8260-Low**

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
							Low	High
Q3226-01	STORAGE-BLANK-SOIL-REF-6	1,2-Dichloroethane-d4	50	55.1	110		74	125
		Dibromofluoromethane	50	50.0	100		75	124
		Toluene-d8	50	48.3	97		86	113
		4-Bromofluorobenzene	50	55.7	111		77	121
Q3226-02	STORAGE-BLANK-WATER-REF-5	1,2-Dichloroethane-d4	50	52.3	105		74	125
		Dibromofluoromethane	50	48.8	98		75	124
		Toluene-d8	50	48.4	97		86	113
		4-Bromofluorobenzene	50	55.1	110		77	121
Q3226-03	STORAGE-BLANK-WATER-REF-4	1,2-Dichloroethane-d4	50	52.9	106		74	125
		Dibromofluoromethane	50	49.1	98		75	124
		Toluene-d8	50	47.8	96		86	113
		4-Bromofluorobenzene	50	55.2	110		77	121
Q3226-04	STORAGE-BLANK-SAMPLE-MANAC	1,2-Dichloroethane-d4	50	52.8	106		74	125
		Dibromofluoromethane	50	50.4	101		75	124
		Toluene-d8	50	49.7	99		86	113
		4-Bromofluorobenzene	50	55.4	111		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
VX1003WBSD0	VX1003WBSD02	1,2-Dichloroethane-d4	50	54.0	108		74	125
		Dibromofluoromethane	50	54.8	110		75	124
		Toluene-d8	50	53.1	106		86	113
		4-Bromofluorobenzene	50	56.0	112		77	121

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q3226</u>	Analytical Method:	<u>SW8260-Low</u>
Client:	<u>Alliance Technical Group, LLC - New</u>	Datafile :	<u>VX047986.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VX1003WBS02	Dichlorodifluoromethane	20	18.7	ug/L	94			69	116	
	Chloromethane	20	17.0	ug/L	85			65	116	
	Vinyl chloride	20	18.1	ug/L	91			65	117	
	Ethyl Acetate	20	17.8	ug/L	89			75	115	
	Bromomethane	20	20.3	ug/L	102			58	125	
	Chloroethane	20	18.2	ug/L	91			56	128	
	Trichlorofluoromethane	20	18.9	ug/L	95			73	115	
	1,1,2-Trichlorotrifluoroethane	20	19.7	ug/L	99			80	112	
	Tert butyl alcohol	100	77.9	ug/L	78			48	142	
	1,1-Dichloroethene	20	18.2	ug/L	91			74	110	
	Acrolein	100	89.3	ug/L	89			28	144	
	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	
	Methyl tert-butyl Ether	20	19.1	ug/L	96			78	114	
	Methyl Acetate	20	19.9	ug/L	100			67	125	
	Methylene Chloride	20	19.6	ug/L	98			72	114	
	trans-1,2-Dichloroethene	20	18.5	ug/L	93			75	108	
	Vinyl Acetate	100	94.6	ug/L	95			76	115	
	1,1-Dichloroethane	20	19.7	ug/L	99			78	112	
	Cyclohexane	20	17.0	ug/L	85			75	110	
	2-Butanone	100	85.5	ug/L	86			65	122	
	Carbon Tetrachloride	20	19.0	ug/L	95			77	113	
	2,2-Dichloropropane	20	18.0	ug/L	90			56	164	
	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	
	Methylcyclohexane	20	17.7	ug/L	89			72	115	
	1,1-Dichloropropene	20	17.7	ug/L	89			79	110	
	Benzene	20	19.6	ug/L	98			82	109	
	1,2-Dichloroethane	20	20.3	ug/L	102			80	115	
	Trichloroethene	20	19.2	ug/L	96			77	113	
	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	
	1,1,2-Trichloroethane	20	20.9	ug/L	104			83	112	
	1,3-Dichloropropane	20	21.2	ug/L	106			83	111	
	2-Chloroethyl vinyl ether	100	110	ug/L	110			75	124	
	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	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q3226</u>	Analytical Method:	<u>SW8260-Low</u>
Client:	<u>Alliance Technical Group, LLC - New</u>	Datafile :	<u>VX047986.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VX1003WBS02	1,1,1,2-Tetrachloroethane	20	20.4	ug/L	102			84	111	
	Hexachloroethane	20	18.5	ug/L	93			80	113	
	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	
	Isopropylbenzene	20	18.3	ug/L	92			83	112	
	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	
	Bromobenzene	20	18.9	ug/L	95			77	116	
	N-propylbenzene	20	18.2	ug/L	91			83	112	
	2-Chlorotoluene	20	18.5	ug/L	93			83	110	
	1,3,5-Trimethylbenzene	20	18.5	ug/L	93			85	112	
	4-Chlorotoluene	20	18.5	ug/L	93			82	110	
	tert-Butylbenzene	20	18.4	ug/L	92			83	112	
	1,2,4-Trimethylbenzene	20	18.4	ug/L	92			85	111	
	Sec-butylbenzene	20	18.7	ug/L	94			81	114	
	p-Isopropyltoluene	20	18.5	ug/L	93			78	116	
	1,3-Dichlorobenzene	20	18.9	ug/L	95			82	108	
	1,4-Dichlorobenzene	20	18.8	ug/L	94			82	107	
	n-Butylbenzene	20	18.3	ug/L	92			75	115	
	1,2-Dichlorobenzene	20	18.9	ug/L	95			82	109	
	1,2-Dibromo-3-Chloropropane	20	16.4	ug/L	82			68	112	
	1,2,4-Trichlorobenzene	20	17.5	ug/L	88			75	113	
	Hexachlorobutadiene	20	19.3	ug/L	97			81	121	
	Naphthalene	20	16.2	ug/L	81			78	119	
	1,2,3-Trichlorobenzene	20	17.7	ug/L	89			76	114	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q3226</u>	Analytical Method:	<u>SW8260-Low</u>
Client:	<u>Alliance Technical Group, LLC - New</u>	Datafile :	<u>VX048003.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VX1003WBSD02	Dichlorodifluoromethane	20	19.0	ug/L	95	1		69	116	19
	Chloromethane	20	16.5	ug/L	83	2		65	116	21
	Vinyl chloride	20	18.0	ug/L	90	1		65	117	19
	Ethyl Acetate	20	18.4	ug/L	92	3		75	115	27
	Bromomethane	20	18.2	ug/L	91	11		58	125	20
	Chloroethane	20	18.1	ug/L	91	0		56	128	20
	Trichlorofluoromethane	20	19.1	ug/L	96	1		73	115	16
	1,1,2-Trichlorotrifluoroethane	20	19.8	ug/L	99	0		80	112	15
	Tert butyl alcohol	100	95.4	ug/L	95	20		48	142	30
	1,1-Dichloroethene	20	18.5	ug/L	93	2		74	110	20
	Acrolein	100	76.9	ug/L	77	14		28	144	30
	Acrylonitrile	100	100	ug/L	100	3		73	113	29
	Acetone	100	78.6	ug/L	79	5		60	125	20
	Carbon disulfide	20	16.3	ug/L	81	1		64	112	20
	Methyl tert-butyl Ether	20	18.1	ug/L	91	5		78	114	20
	Methyl Acetate	20	21.1	ug/L	106	6		67	125	20
	Methylene Chloride	20	18.8	ug/L	94	4		72	114	20
	trans-1,2-Dichloroethene	20	18.4	ug/L	92	1		75	108	16
	Vinyl Acetate	100	90.5	ug/L	91	4		76	115	26
	1,1-Dichloroethane	20	18.7	ug/L	94	5		78	112	20
	Cyclohexane	20	16.7	ug/L	84	1		75	110	20
	2-Butanone	100	92.4	ug/L	92	7		65	122	26
	Carbon Tetrachloride	20	18.5	ug/L	93	2		77	113	15
	2,2-Dichloropropane	20	15.5	ug/L	78	14		56	164	20
	cis-1,2-Dichloroethene	20	18.6	ug/L	93	4		77	110	20
	Bromochloromethane	20	18.4	ug/L	92	10		70	124	20
	Chloroform	20	19.5	ug/L	98	4		79	113	20
	1,1,1-Trichloroethane	20	19.0	ug/L	95	4		80	108	20
	Methylcyclohexane	20	16.6	ug/L	83	7		72	115	20
	1,1-Dichloropropene	20	17.6	ug/L	88	1		79	110	16
	Benzene	20	18.5	ug/L	93	5		82	109	15
	1,2-Dichloroethane	20	18.7	ug/L	94	8		80	115	20
	Trichloroethene	20	18.6	ug/L	93	3		77	113	15
	1,2-Dichloropropane	20	18.9	ug/L	95	7		83	111	16
	Dibromomethane	20	18.8	ug/L	94	8		82	110	20
	Bromodichloromethane	20	19.4	ug/L	97	7		83	110	16
	4-Methyl-2-Pentanone	100	100	ug/L	100	4		74	118	25
	Toluene	20	18.8	ug/L	94	3		82	110	16
	t-1,3-Dichloropropene	20	17.3	ug/L	86	12		79	110	20
	cis-1,3-Dichloropropene	20	17.8	ug/L	89	10		82	110	16
	1,1,2-Trichloroethane	20	19.8	ug/L	99	5		83	112	20
	1,3-Dichloropropane	20	19.8	ug/L	99	7		83	111	20
	2-Chloroethyl vinyl ether	100	98.7	ug/L	99	11		75	124	20
	2-Hexanone	100	96.7	ug/L	97	9		73	117	25
	Dibromochloromethane	20	19.7	ug/L	99	7		82	110	20
	1,2-Dibromoethane	20	19.8	ug/L	99	5		81	110	20
	Tetrachloroethene	20	17.8	ug/L	89	5		67	123	15
	Chlorobenzene	20	18.0	ug/L	90	7		82	109	15

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q3226</u>	Analytical Method:	<u>SW8260-Low</u>
Client:	<u>Alliance Technical Group, LLC - New</u>	Datafile :	<u>VX048003.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VX1003WBSD02	1,1,1,2-Tetrachloroethane	20	18.3	ug/L	92	10		84	111	20
	Hexachloroethane	20	16.9	ug/L	85	9		80	113	20
	Ethyl Benzene	20	17.5	ug/L	88	7		83	109	16
	m/p-Xylenes	40	35.4	ug/L	89	7		82	110	15
	o-Xylene	20	17.4	ug/L	87	10		83	109	20
	Styrene	20	17.8	ug/L	89	7		80	111	17
	Bromoform	20	18.5	ug/L	93	7		79	109	20
	Isopropylbenzene	20	16.0	ug/L	80	14	*	83	112	29
	1,1,2,2-Tetrachloroethane	20	17.8	ug/L	89	11		76	118	20
	1,2,3-Trichloropropane	20	17.6	ug/L	88	9		75	112	20
	Bromobenzene	20	16.8	ug/L	84	12		77	116	20
	N-propylbenzene	20	16.3	ug/L	81	12	*	83	112	20
	2-Chlorotoluene	20	16.1	ug/L	81	14	*	83	110	20
	1,3,5-Trimethylbenzene	20	16.2	ug/L	81	14	*	85	112	20
	4-Chlorotoluene	20	16.5	ug/L	83	11		82	110	20
	tert-Butylbenzene	20	15.8	ug/L	79	15	*	83	112	20
	1,2,4-Trimethylbenzene	20	16.1	ug/L	81	13	*	85	111	20
	Sec-butylbenzene	20	16.3	ug/L	81	15		81	114	20
	p-Isopropyltoluene	20	16.0	ug/L	80	15		78	116	20
	1,3-Dichlorobenzene	20	16.4	ug/L	82	15		82	108	20
	1,4-Dichlorobenzene	20	16.4	ug/L	82	14		82	107	15
	n-Butylbenzene	20	15.7	ug/L	79	15		75	115	20
	1,2-Dichlorobenzene	20	16.7	ug/L	84	12		82	109	20
	1,2-Dibromo-3-Chloropropane	20	16.6	ug/L	83	1		68	112	20
	1,2,4-Trichlorobenzene	20	15.0	ug/L	75	16		75	113	29
	Hexachlorobutadiene	20	15.1	ug/L	76	24	*	81	121	20
	Naphthalene	20	14.8	ug/L	74	9	*	78	119	20
	1,2,3-Trichlorobenzene	20	15.6	ug/L	78	13		76	114	29

VOLATILE METHOD BLANK SUMMARY

Client ID

VX1003WBL01

Lab Name: Alliance

Contract: ALLI03

Lab Code: ACE

SDG NO.: Q3226

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
STORAGE-BLANK-SOIL-REF-6	Q3226-01	VX047992.D	10/03/2025
STORAGE-BLANK-WATER-REF-5	Q3226-02	VX047993.D	10/03/2025
STORAGE-BLANK-WATER-REF-4	Q3226-03	VX047994.D	10/03/2025
STORAGE-BLANK-SAMPLE-MANAGEMENT	Q3226-04	VX047995.D	10/03/2025
VX1003WBSD02	VX1003WBSD02	VX048003.D	10/03/2025

COMMENTS: _____



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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: ALLI03

Lab Code: ACE

SDG NO.: Q3226

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: ALLI03

Lab Code: ACE

SDG NO.: Q3226

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
STORAGE-BLANK-SOIL-REF-6	Q3226-01	VX047992.D	10/03/2025	14:32
STORAGE-BLANK-WATER-REF-5	Q3226-02	VX047993.D	10/03/2025	14:52
STORAGE-BLANK-WATER-REF-4	Q3226-03	VX047994.D	10/03/2025	15:13
STORAGE-BLANK-SAMPLE-MANAGEMENT	Q3226-04	VX047995.D	10/03/2025	15:34
VX1003WBSD02	VX1003WBSD02	VX048003.D	10/03/2025	18:20

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: ALLI03
 Lab Code: ACE SDG NO.: Q3226
 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.						
STORAGE-BLANK-SOIL-REF-6	121132	5.54	250940	6.75	259662	10.04
STORAGE-BLANK-WATER-REF-5	128591	5.54	262712	6.74	274758	10.04
STORAGE-BLANK-WATER-REF-4	126698	5.54	257868	6.75	267920	10.04
STORAGE-BLANK-SAMPLE-MANAGEMENT	127919	5.54	256789	6.75	267564	10.04
VX1003WBL01	132031	5.54	278145	6.75	290715	10.04
VX1003WBS02	126673	5.54	223242	6.75	203303	10.04
VX1003WBSD02	150681	5.54	269838	6.75	254737	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: ALLI03
 Lab Code: ACE SDG NO.: Q3226
 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

	IS4 AREA #	RT #				
12 HOUR STD	105470	12.00€				
UPPER LIMIT	210940	12.50€				
LOWER LIMIT	52735	11.50€				
EPA SAMPLE NO.						
STORAGE-BLANK-SOIL-REF-6	132559	12.01				
STORAGE-BLANK-WATER-REF-5	139206	12.01				
STORAGE-BLANK-WATER-REF-4	136177	12.01				
STORAGE-BLANK-SAMPLE-MANAGEMENT	136370	12.01				
VX1003WBL01	147497	12.01				
VX1003WBS02	101886	12.01				
VX1003WBSD02	134054	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:	Alliance Technical Group, LLC - Newark		Date Collected:	09/19/25	
Project:	Weekly Storage Blanks		Date Received:	09/26/25	
Client Sample ID:	STORAGE-BLANK-SOIL-REF-6		SDG No.:	Q3226	
Lab Sample ID:	Q3226-01		Matrix:	Water	
Analytical Method:	8260D		% Solid:	0	
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOC- Chemtech Full	
GC Column:	DB-624UI	ID : 0.18	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047992.D	1	10/03/25 14:32	VX100325

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

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark		Date Collected:	09/19/25	
Project:	Weekly Storage Blanks		Date Received:	09/26/25	
Client Sample ID:	STORAGE-BLANK-SOIL-REF-6		SDG No.:	Q3226	
Lab Sample ID:	Q3226-01		Matrix:	Water	
Analytical Method:	8260D		% Solid:	0	
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOC- Chemtech Full	
GC Column:	DB-624UI	ID : 0.18	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047992.D	1	10/03/25 14:32	VX100325

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

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark	Date Collected:	09/19/25
Project:	Weekly Storage Blanks	Date Received:	09/26/25
Client Sample ID:	STORAGE-BLANK-SOIL-REF-6	SDG No.:	Q3226
Lab Sample ID:	Q3226-01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047992.D	1	10/03/25 14:32	VX100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-67-8	1,3,5-Trimethylbenzene	0.15	UQ	0.15	1.00	ug/L
106-43-4	4-Chlorotoluene	0.13	U	0.13	1.00	ug/L
98-06-6	tert-Butylbenzene	0.14	UQ	0.14	1.00	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.14	UQ	0.14	1.00	ug/L
135-98-8	sec-Butylbenzene	0.13	U	0.13	1.00	ug/L
99-87-6	p-Isopropyltoluene	0.13	U	0.13	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
104-51-8	n-Butylbenzene	0.15	U	0.15	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
87-68-3	Hexachlorobutadiene	0.30	UQ	0.30	1.00	ug/L
91-20-3	Naphthalene	0.20	UQ	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	55.1		74 - 125	110%	SPK: 50
1868-53-7	Dibromofluoromethane	50.0		75 - 124	100%	SPK: 50
2037-26-5	Toluene-d8	48.3		86 - 113	97%	SPK: 50
460-00-4	4-Bromofluorobenzene	55.7		77 - 121	111%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	121000	5.543			
540-36-3	1,4-Difluorobenzene	251000	6.751			
3114-55-4	Chlorobenzene-d5	260000	10.037			
3855-82-1	1,4-Dichlorobenzene-d4	133000	12.006			

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark			Date Collected:	09/19/25
Project:	Weekly Storage Blanks			Date Received:	09/26/25
Client Sample ID:	STORAGE-BLANK-SOIL-REF-6			SDG No.:	Q3226
Lab Sample ID:	Q3226-01			Matrix:	Water
Analytical Method:	8260D			% Solid:	0
Sample Wt/Vol:	5	Units:	mL	Final Vol:	5000 uL
Soil Aliquot Vol:			uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI	ID :	0.18	Level :	LOW
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047992.D	1	10/03/25 14:32	VX100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100325\
 Data File : VX047992.D
 Acq On : 03 Oct 2025 14:32
 Operator : JC/MD
 Sample : Q3226-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Oct 03 23:48:33 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	5.543	168	121132	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	250940	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	259662	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	132559	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	106296	55.129	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	110.260%
35) Dibromofluoromethane	5.373	113	84088	49.965	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.920%
50) Toluene-d8	8.634	98	281174	48.284	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.560%
62) 4-Bromofluorobenzene	11.067	95	123165	55.729	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	111.460%

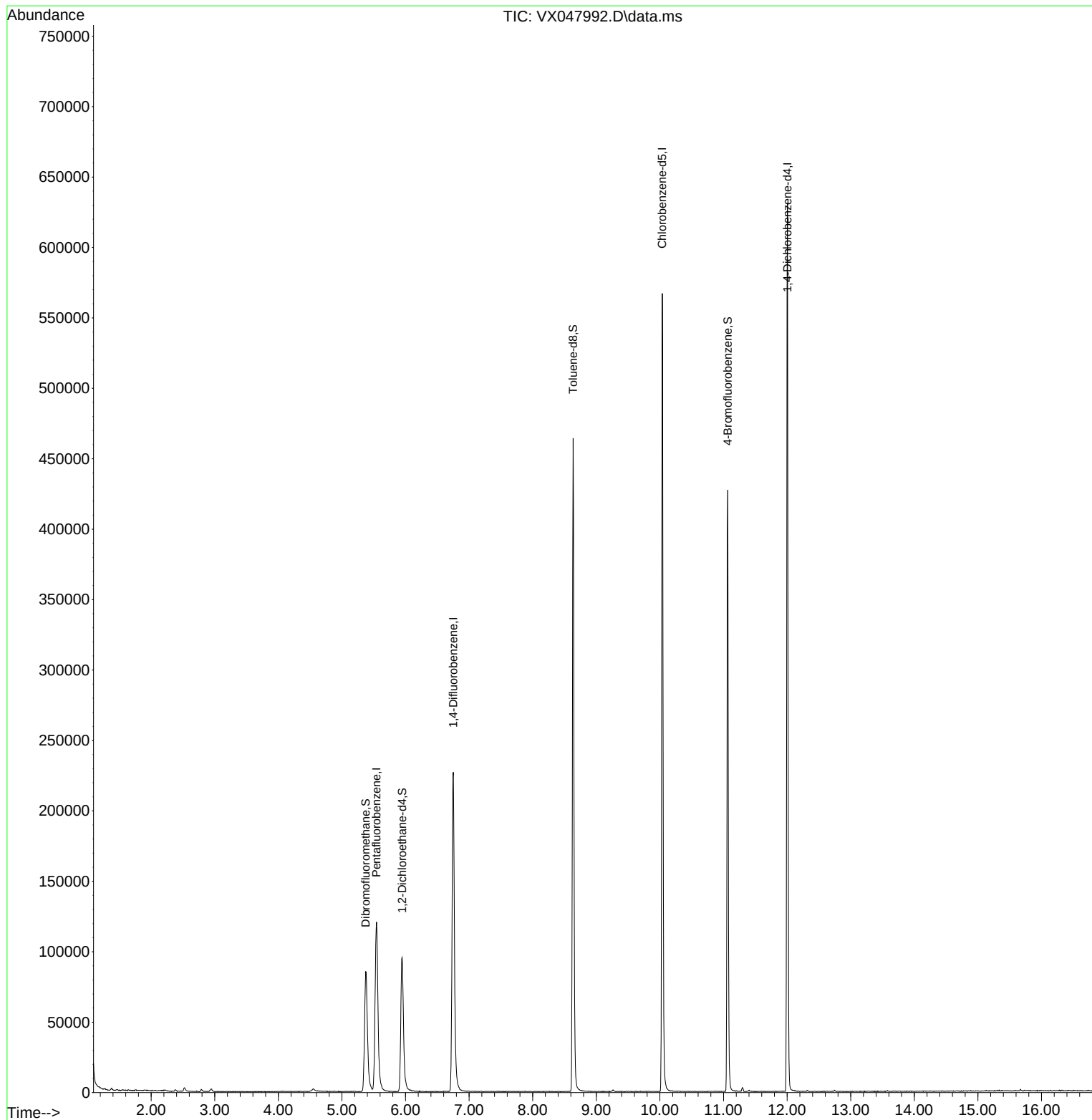
Target Compounds	Qvalue

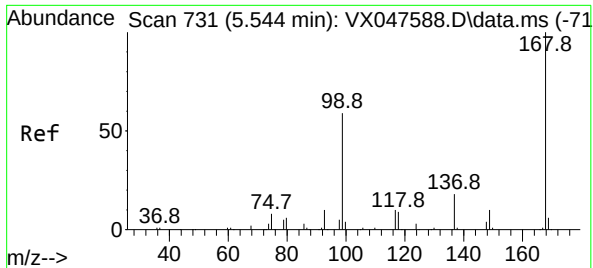
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100325\
Data File : VX047992.D
Acq On : 03 Oct 2025 14:32
Operator : JC/MD
Sample : Q3226-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Oct 03 23:48:33 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: 5.543 min Scan# 71

Delta R.T. -0.000 min

Lab File: VX047992.D

Acq: 03 Oct 2025 14:32

Instrument :

MSVOA_X

ClientSampleId :

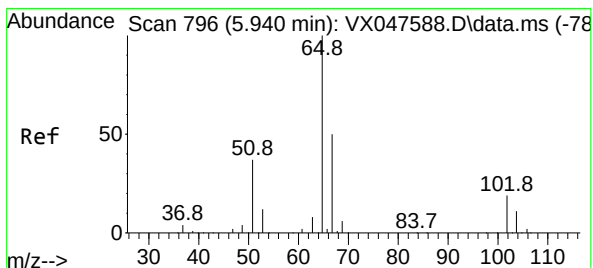
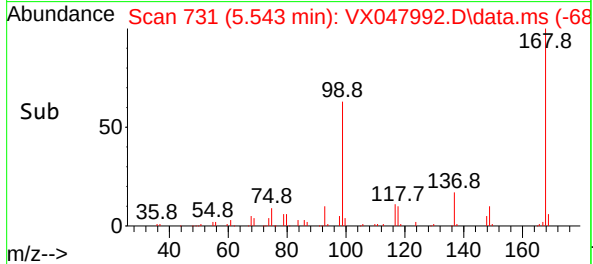
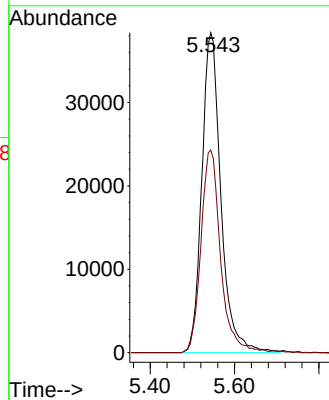
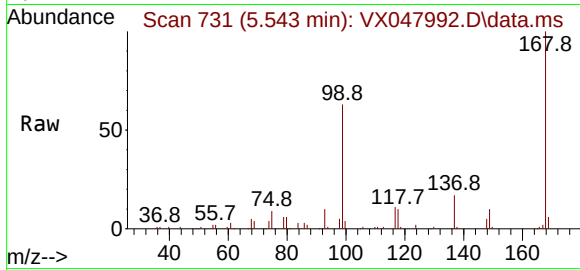
STORAGE-BLANK-SOIL-REF-6

Tgt Ion:168 Resp: 121132

Ion Ratio Lower Upper

168 100

99 63.3 48.8 73.2



#33

1,2-Dichloroethane-d4

Concen: 55.129 ug/l

RT: 5.946 min Scan# 797

Delta R.T. 0.006 min

Lab File: VX047992.D

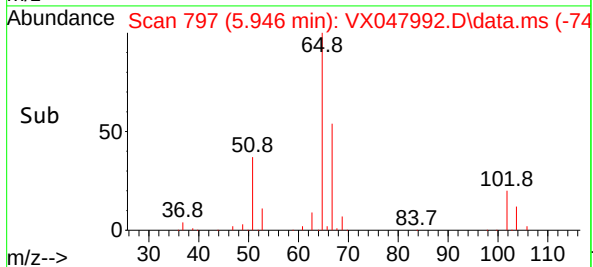
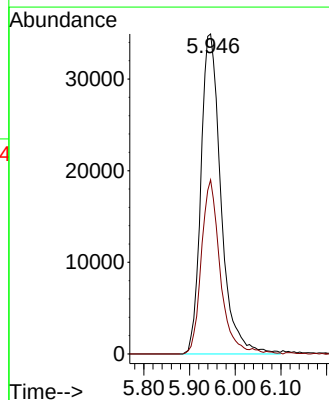
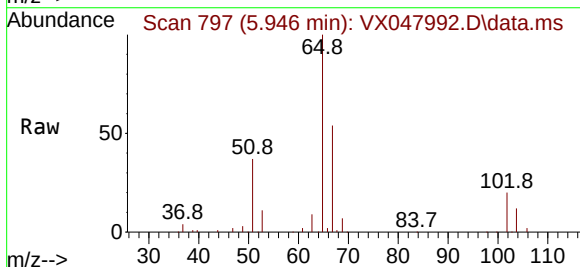
Acq: 03 Oct 2025 14:32

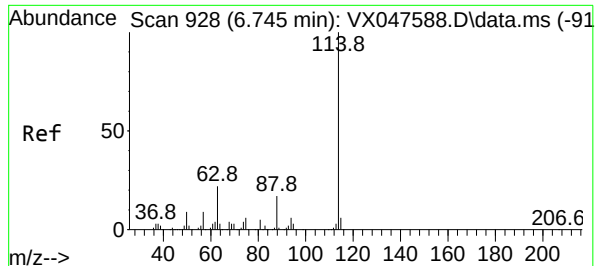
Tgt Ion: 65 Resp: 106296

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: VX047992.D

Acq: 03 Oct 2025 14:32

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

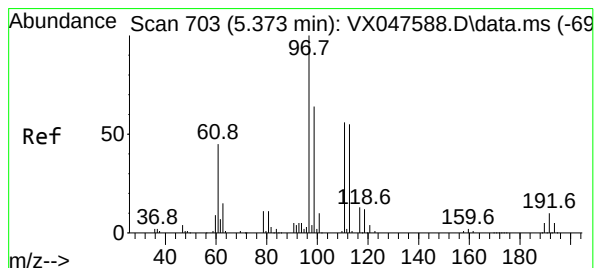
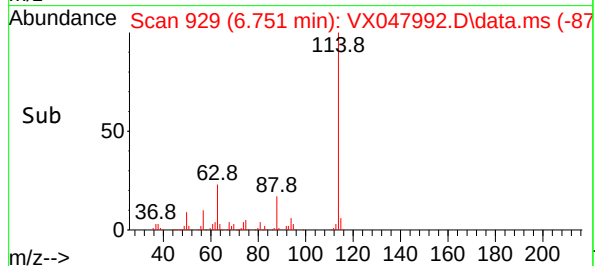
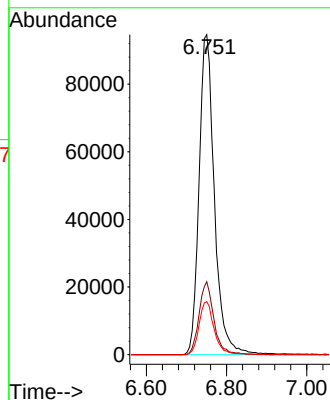
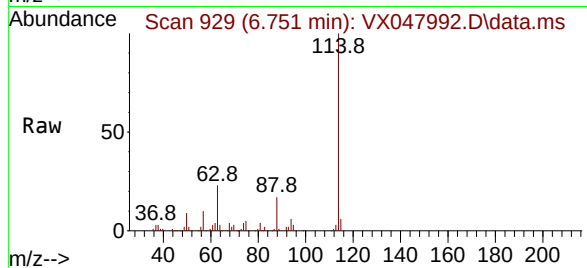
Tgt Ion:114 Resp: 250940

Ion Ratio Lower Upper

114 100

63 22.8 0.0 44.0

88 16.6 0.0 34.2



#35

Dibromofluoromethane

Concen: 49.965 ug/l

RT: 5.373 min Scan# 703

Delta R.T. -0.000 min

Lab File: VX047992.D

Acq: 03 Oct 2025 14:32

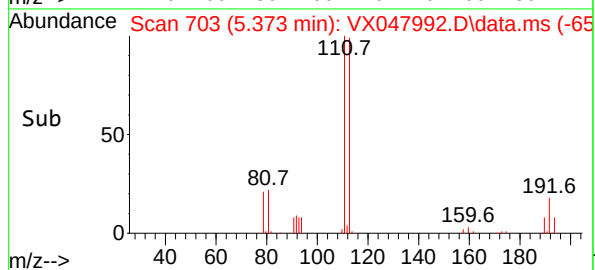
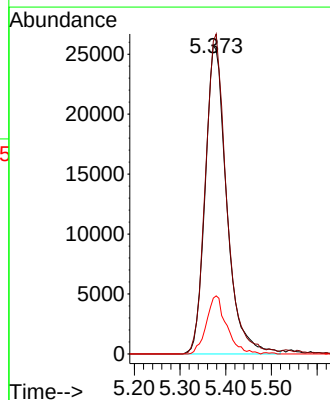
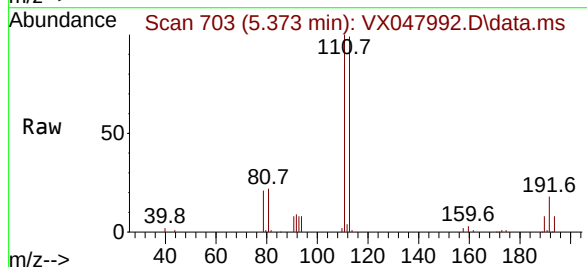
Tgt Ion:113 Resp: 84088

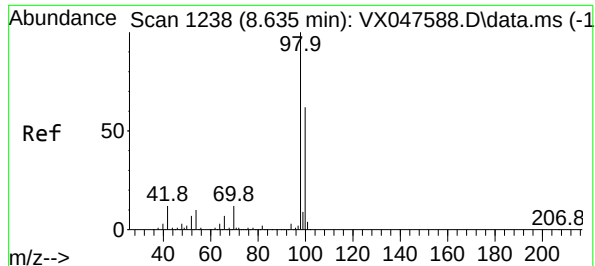
Ion Ratio Lower Upper

113 100

111 101.6 80.9 121.3

192 17.7 14.2 21.4





#50

Toluene-d8

Concen: 48.284 ug/l

RT: 8.634 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX047992.D

Acq: 03 Oct 2025 14:32

Instrument :

MSVOA_X

ClientSampleId :

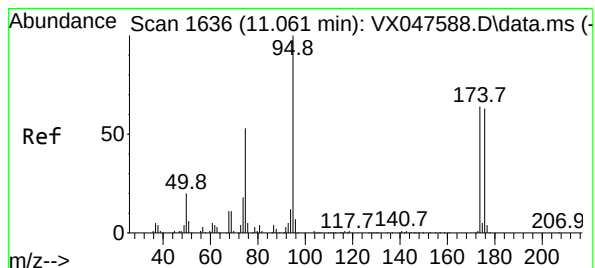
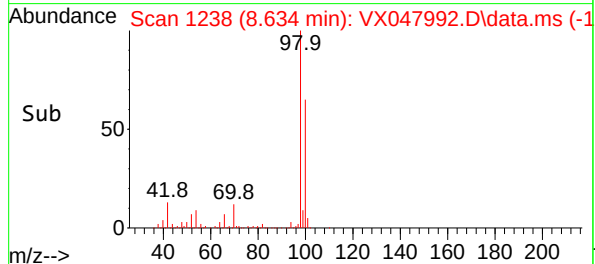
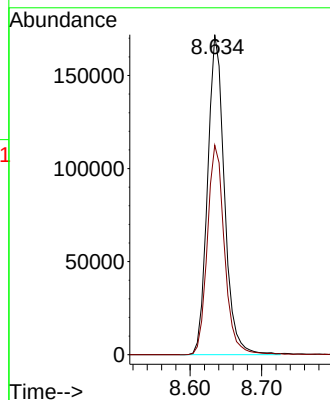
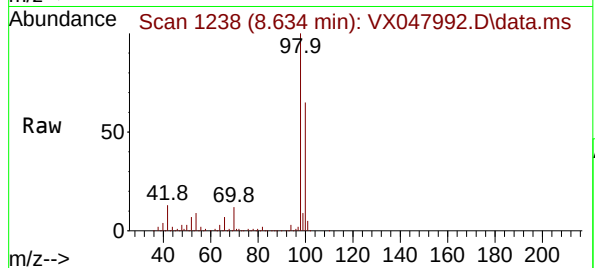
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 98 Resp: 281174

Ion Ratio Lower Upper

98 100

100 66.7 53.0 79.4



#62

4-Bromofluorobenzene

Concen: 55.729 ug/l

RT: 11.067 min Scan# 1637

Delta R.T. 0.006 min

Lab File: VX047992.D

Acq: 03 Oct 2025 14:32

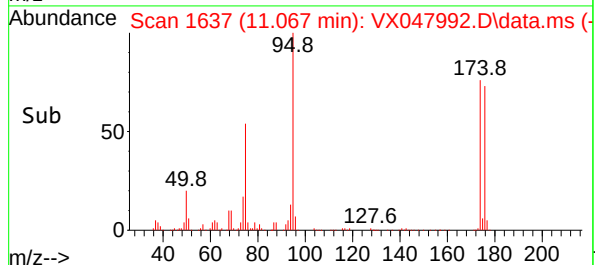
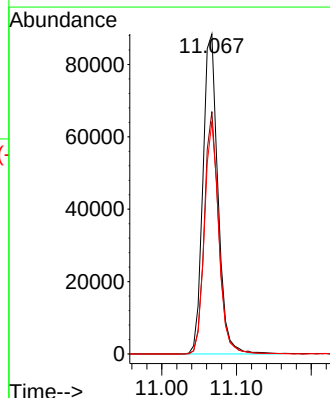
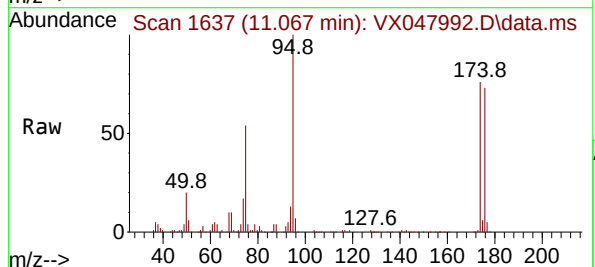
Tgt Ion: 95 Resp: 123165

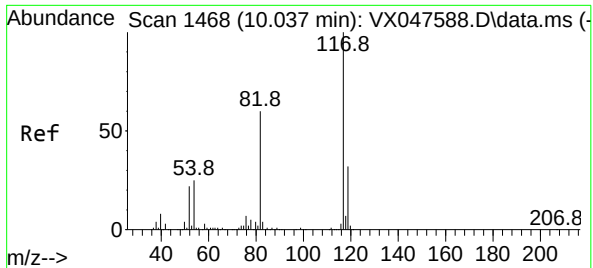
Ion Ratio Lower Upper

95 100

174 72.3 0.0 141.6

176 69.7 0.0 138.4

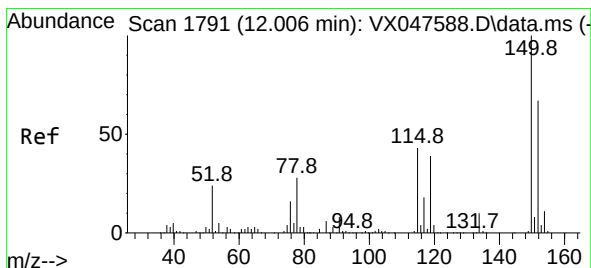
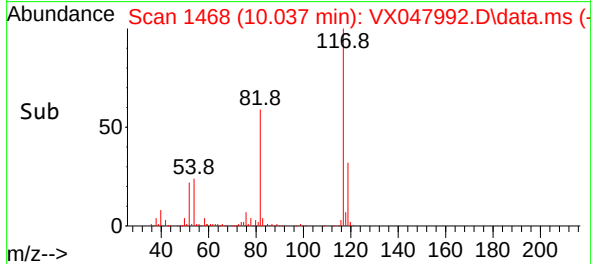
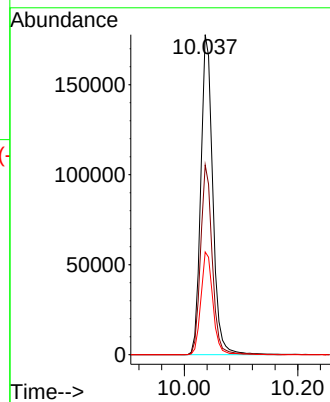
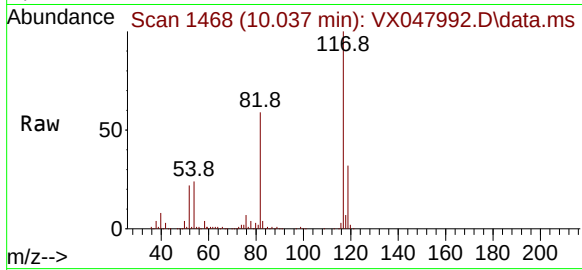




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047992.D
Acq: 03 Oct 2025 14:32

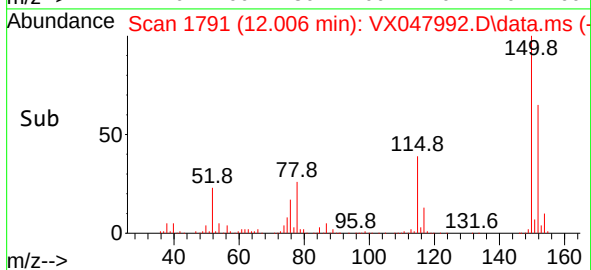
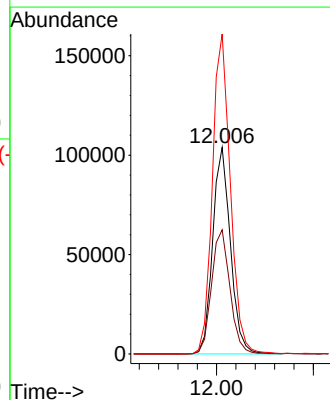
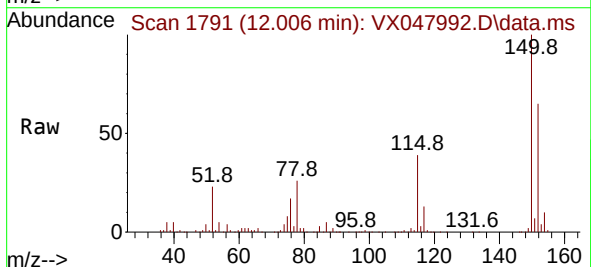
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

Tgt Ion:117 Resp: 259662
Ion Ratio Lower Upper
117 100
82 59.3 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: VX047992.D
Acq: 03 Oct 2025 14:32

Tgt Ion:152 Resp: 132559
Ion Ratio Lower Upper
152 100
115 62.5 44.9 134.5
150 156.5 0.0 352.0



Report of Analysis

Client:	Alliance Technical Group, LLC - Newark		Date Collected:	09/19/25	
Project:	Weekly Storage Blanks		Date Received:	09/26/25	
Client Sample ID:	STORAGE-BLANK-WATER-REF-5		SDG No.:	Q3226	
Lab Sample ID:	Q3226-02		Matrix:	Water	
Analytical Method:	8260D		% Solid:	0	
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOC- Chemtech Full	
GC Column:	DB-624UI	ID : 0.18	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047993.D	1	10/03/25 14:52	VX100325

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

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark		Date Collected:	09/19/25	
Project:	Weekly Storage Blanks		Date Received:	09/26/25	
Client Sample ID:	STORAGE-BLANK-WATER-REF-5		SDG No.:	Q3226	
Lab Sample ID:	Q3226-02		Matrix:	Water	
Analytical Method:	8260D		% Solid:	0	
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOC- Chemtech Full	
GC Column:	DB-624UI	ID : 0.18	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047993.D	1	10/03/25 14:52	VX100325

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

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark		Date Collected:	09/19/25
Project:	Weekly Storage Blanks		Date Received:	09/26/25
Client Sample ID:	STORAGE-BLANK-WATER-REF-5		SDG No.:	Q3226
Lab Sample ID:	Q3226-02		Matrix:	Water
Analytical Method:	8260D		% Solid:	0
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:		uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI	ID : 0.18	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047993.D	1	10/03/25 14:52	VX100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-67-8	1,3,5-Trimethylbenzene	0.15	UQ	0.15	1.00	ug/L
106-43-4	4-Chlorotoluene	0.13	U	0.13	1.00	ug/L
98-06-6	tert-Butylbenzene	0.14	UQ	0.14	1.00	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.14	UQ	0.14	1.00	ug/L
135-98-8	sec-Butylbenzene	0.13	U	0.13	1.00	ug/L
99-87-6	p-Isopropyltoluene	0.13	U	0.13	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
104-51-8	n-Butylbenzene	0.15	U	0.15	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
87-68-3	Hexachlorobutadiene	0.30	UQ	0.30	1.00	ug/L
91-20-3	Naphthalene	0.20	UQ	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.3		74 - 125	105%	SPK: 50
1868-53-7	Dibromofluoromethane	48.8		75 - 124	98%	SPK: 50
2037-26-5	Toluene-d8	48.4		86 - 113	97%	SPK: 50
460-00-4	4-Bromofluorobenzene	55.1		77 - 121	110%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	129000	5.537			
540-36-3	1,4-Difluorobenzene	263000	6.744			
3114-55-4	Chlorobenzene-d5	275000	10.036			
3855-82-1	1,4-Dichlorobenzene-d4	139000	12.006			

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark		Date Collected:	09/19/25
Project:	Weekly Storage Blanks		Date Received:	09/26/25
Client Sample ID:	STORAGE-BLANK-WATER-REF-5		SDG No.:	Q3226
Lab Sample ID:	Q3226-02		Matrix:	Water
Analytical Method:	8260D		% Solid:	0
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:		uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI	ID : 0.18	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047993.D	1	10/03/25 14:52	VX100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100325\
 Data File : VX047993.D
 Acq On : 03 Oct 2025 14:52
 Operator : JC/MD
 Sample : Q3226-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Oct 03 23:49:49 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	5.537	168	128591	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.744	114	262712	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.036	117	274758	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	139206	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	107028	52.289	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	104.580%
35) Dibromofluoromethane	5.373	113	86027	48.827	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.660%
50) Toluene-d8	8.634	98	295238	48.428	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.860%
62) 4-Bromofluorobenzene	11.067	95	127501	55.106	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	110.220%

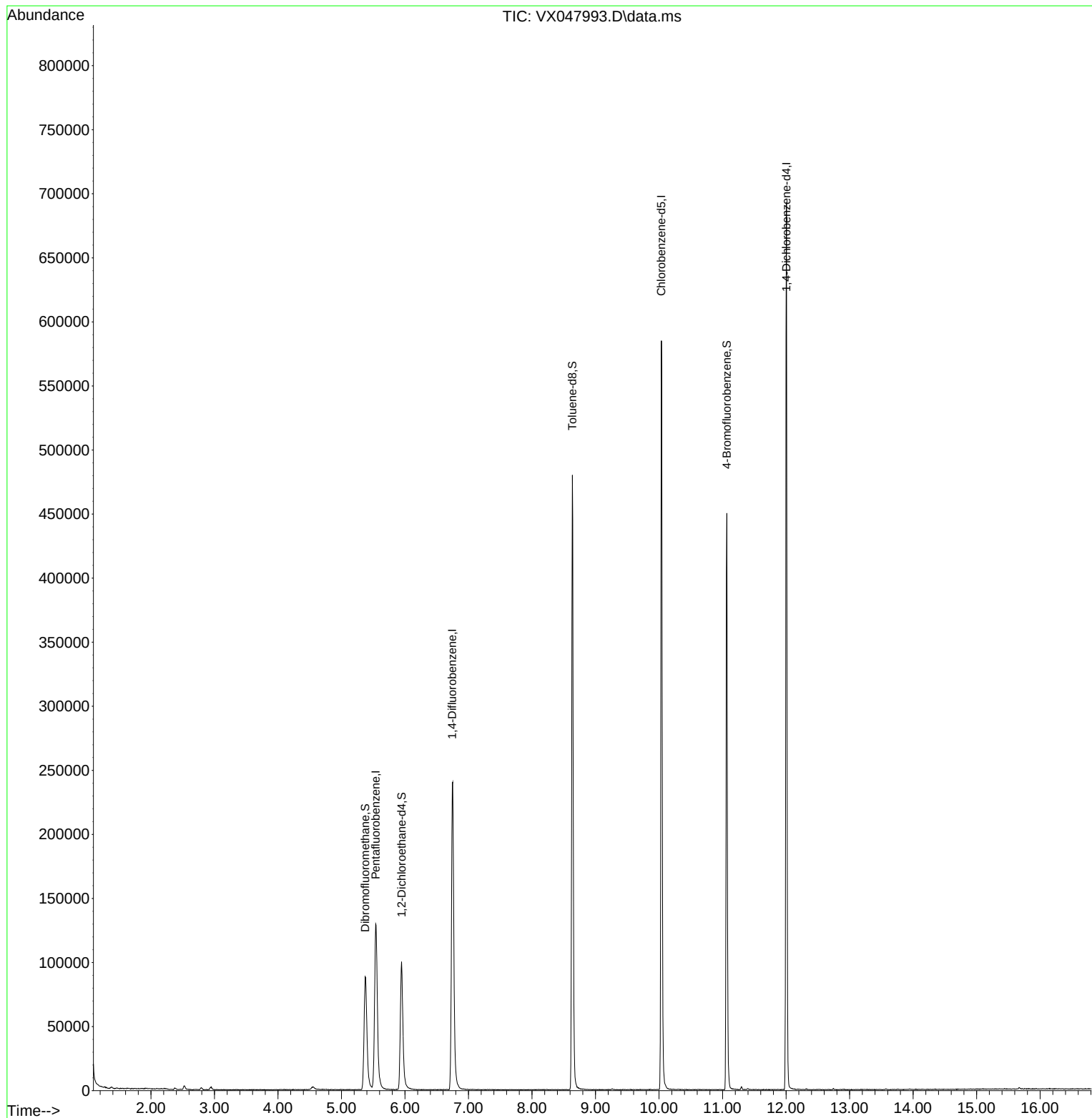
Target Compounds	Qvalue

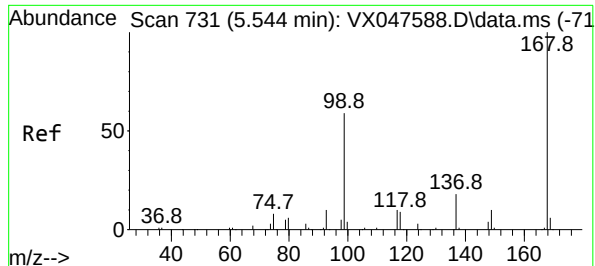
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100325\
Data File : VX047993.D
Acq On : 03 Oct 2025 14:52
Operator : JC/MD
Sample : Q3226-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Oct 03 23:49:49 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: 5.537 min Scan# 71

Delta R.T. -0.007 min

Lab File: VX047993.D

Acq: 03 Oct 2025 14:52

Instrument :

MSVOA_X

ClientSampleId :

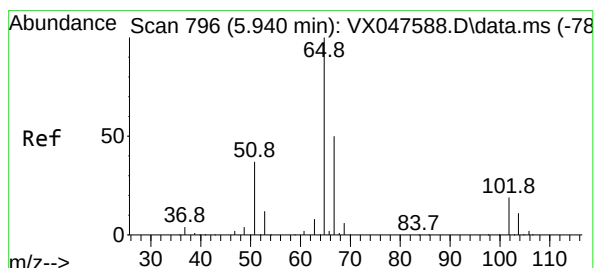
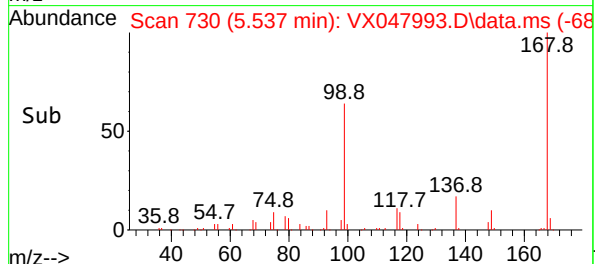
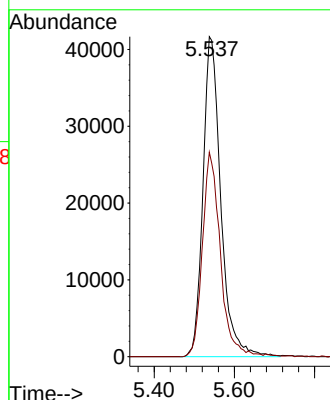
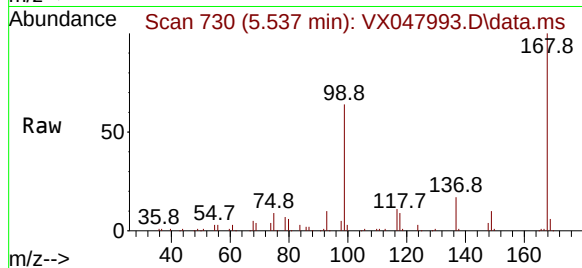
STORAGE-BLANK-WATER-REF-5

Tgt Ion:168 Resp: 128591

Ion Ratio Lower Upper

168 100

99 63.9 48.8 73.2



#33

1,2-Dichloroethane-d4

Concen: 52.289 ug/l

RT: 5.946 min Scan# 797

Delta R.T. 0.006 min

Lab File: VX047993.D

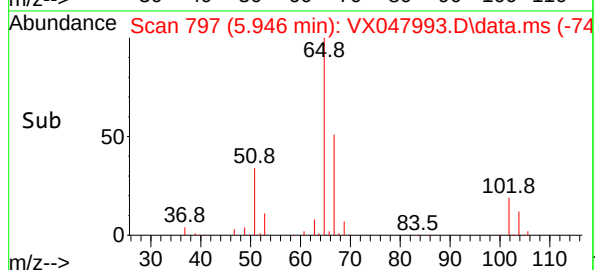
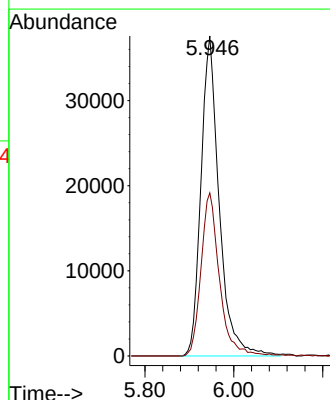
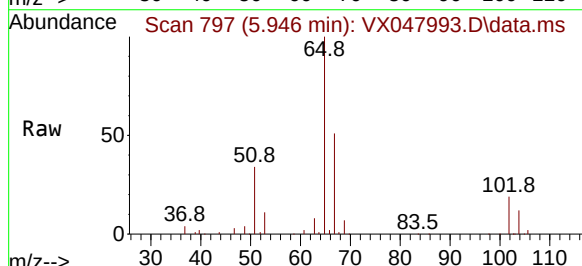
Acq: 03 Oct 2025 14:52

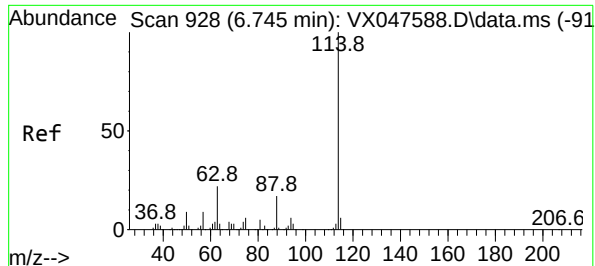
Tgt Ion: 65 Resp: 107028

Ion Ratio Lower Upper

65 100

67 51.3 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.744 min Scan# 91

Delta R.T. -0.000 min

Lab File: VX047993.D

Acq: 03 Oct 2025 14:52

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

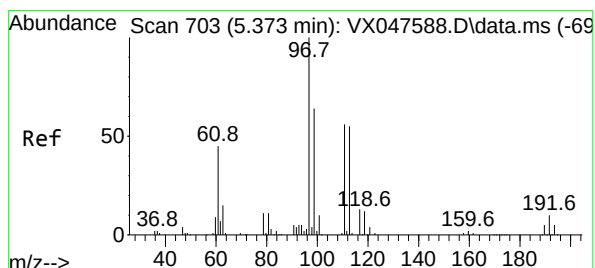
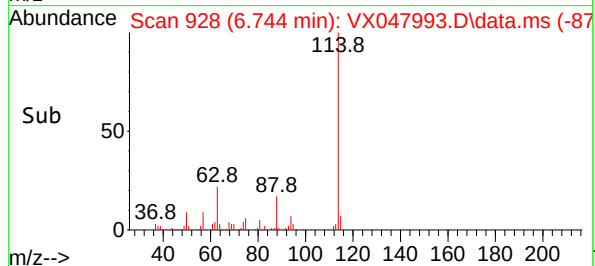
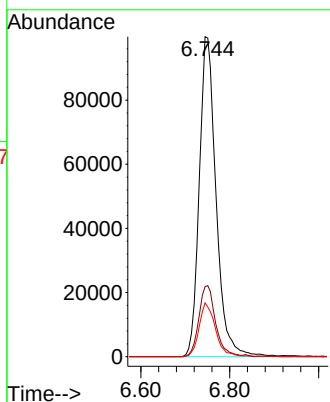
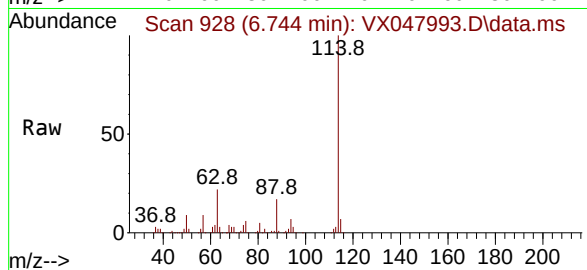
Tgt Ion:114 Resp: 262712

Ion Ratio Lower Upper

114 100

63 21.9 0.0 44.0

88 16.8 0.0 34.2



#35

Dibromofluoromethane

Concen: 48.827 ug/l

RT: 5.373 min Scan# 703

Delta R.T. -0.000 min

Lab File: VX047993.D

Acq: 03 Oct 2025 14:52

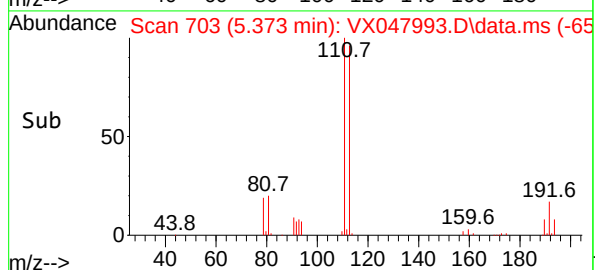
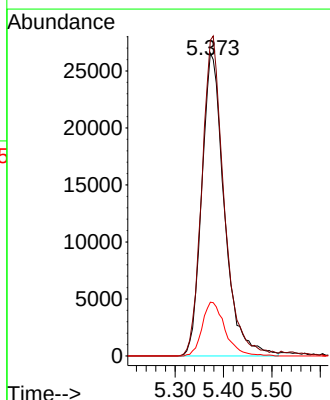
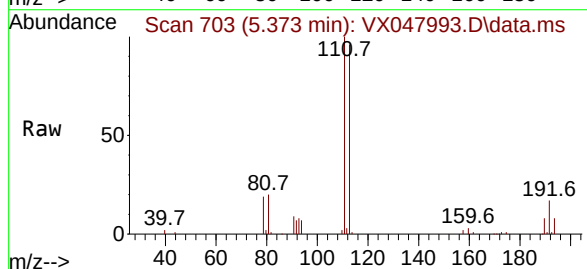
Tgt Ion:113 Resp: 86027

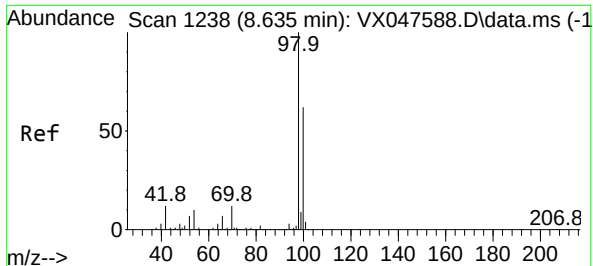
Ion Ratio Lower Upper

113 100

111 104.1 80.9 121.3

192 18.0 14.2 21.4





#50

Toluene-d8

Concen: 48.428 ug/l

RT: 8.634 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX047993.D

Acq: 03 Oct 2025 14:52

Instrument :

MSVOA_X

ClientSampleId :

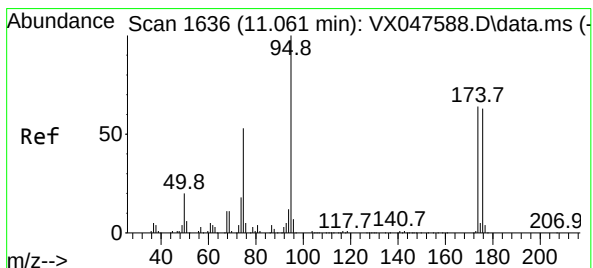
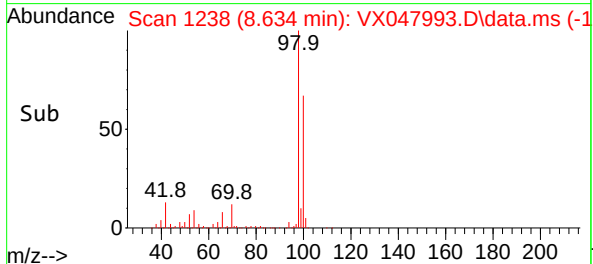
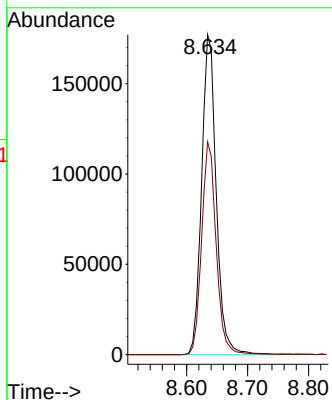
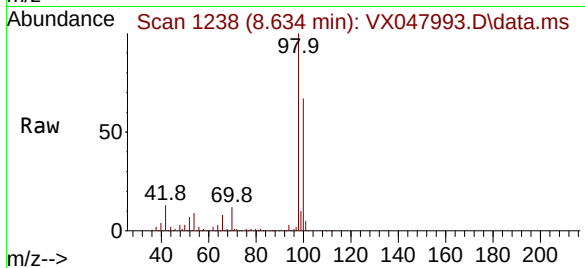
STORAGE-BLANK-WATER-REF-5

Tgt Ion: 98 Resp: 295238

Ion Ratio Lower Upper

98 100

100 66.3 53.0 79.4



#62

4-Bromofluorobenzene

Concen: 55.106 ug/l

RT: 11.067 min Scan# 1637

Delta R.T. 0.006 min

Lab File: VX047993.D

Acq: 03 Oct 2025 14:52

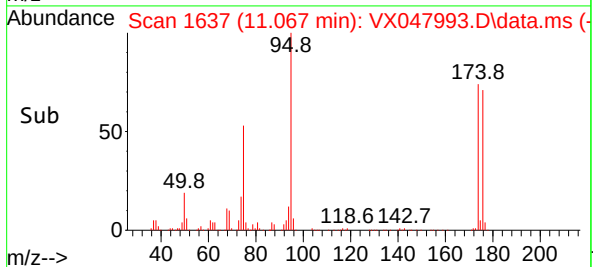
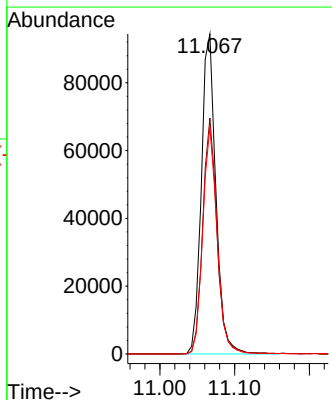
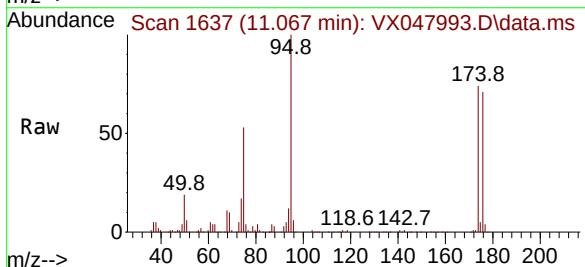
Tgt Ion: 95 Resp: 127501

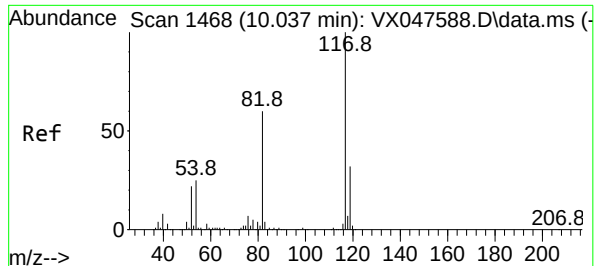
Ion Ratio Lower Upper

95 100

174 72.6 0.0 141.6

176 70.2 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: VX047993.D

Acq: 03 Oct 2025 14:52

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

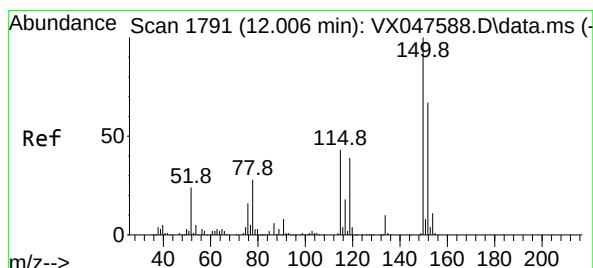
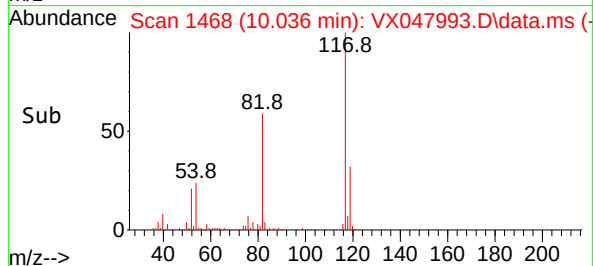
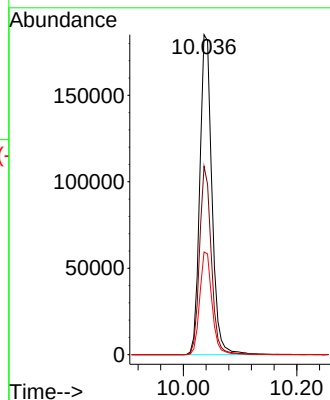
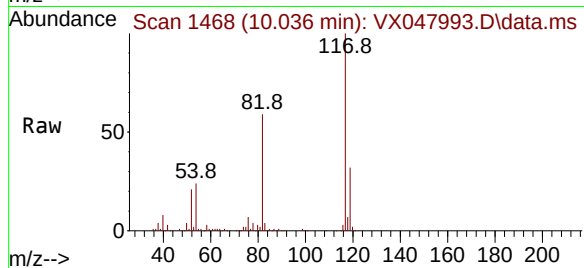
Tgt Ion:117 Resp: 274758

Ion Ratio Lower Upper

117 100

82 58.8 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: VX047993.D

Acq: 03 Oct 2025 14:52

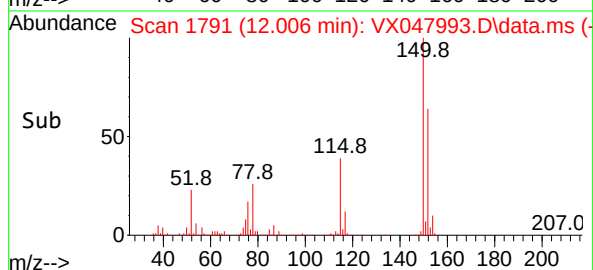
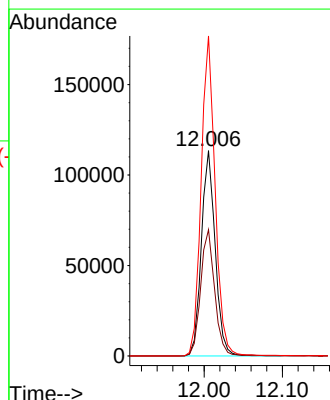
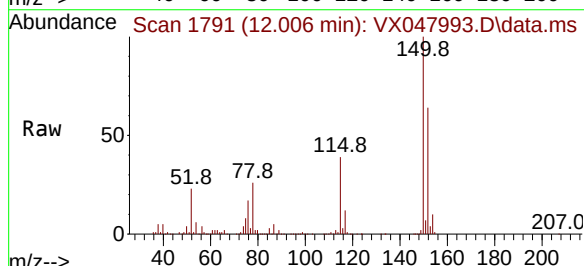
Tgt Ion:152 Resp: 139206

Ion Ratio Lower Upper

152 100

115 62.5 44.9 134.5

150 157.9 0.0 352.0



Report of Analysis

Client:	Alliance Technical Group, LLC - Newark		Date Collected:	09/19/25	
Project:	Weekly Storage Blanks		Date Received:	09/26/25	
Client Sample ID:	STORAGE-BLANK-WATER-REF-4		SDG No.:	Q3226	
Lab Sample ID:	Q3226-03		Matrix:	Water	
Analytical Method:	8260D		% Solid:	0	
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOC- Chemtech Full	
GC Column:	DB-624UI	ID : 0.18	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047994.D	1	10/03/25 15:13	VX100325

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

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark		Date Collected:	09/19/25	
Project:	Weekly Storage Blanks		Date Received:	09/26/25	
Client Sample ID:	STORAGE-BLANK-WATER-REF-4		SDG No.:	Q3226	
Lab Sample ID:	Q3226-03		Matrix:	Water	
Analytical Method:	8260D		% Solid:	0	
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOC- Chemtech Full	
GC Column:	DB-624UI	ID : 0.18	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047994.D	1	10/03/25 15:13	VX100325

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

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark		Date Collected:	09/19/25	
Project:	Weekly Storage Blanks		Date Received:	09/26/25	
Client Sample ID:	STORAGE-BLANK-WATER-REF-4		SDG No.:	Q3226	
Lab Sample ID:	Q3226-03		Matrix:	Water	
Analytical Method:	8260D		% Solid:	0	
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOC- Chemtech Full	
GC Column:	DB-624UI	ID : 0.18	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047994.D	1	10/03/25 15:13	VX100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-67-8	1,3,5-Trimethylbenzene	0.15	UQ	0.15	1.00	ug/L
106-43-4	4-Chlorotoluene	0.13	U	0.13	1.00	ug/L
98-06-6	tert-Butylbenzene	0.14	UQ	0.14	1.00	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.14	UQ	0.14	1.00	ug/L
135-98-8	sec-Butylbenzene	0.13	U	0.13	1.00	ug/L
99-87-6	p-Isopropyltoluene	0.13	U	0.13	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
104-51-8	n-Butylbenzene	0.15	U	0.15	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
87-68-3	Hexachlorobutadiene	0.30	UQ	0.30	1.00	ug/L
91-20-3	Naphthalene	0.20	UQ	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.9		74 - 125	106%	SPK: 50
1868-53-7	Dibromofluoromethane	49.1		75 - 124	98%	SPK: 50
2037-26-5	Toluene-d8	47.8		86 - 113	96%	SPK: 50
460-00-4	4-Bromofluorobenzene	55.2		77 - 121	110%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	127000	5.544			
540-36-3	1,4-Difluorobenzene	258000	6.751			
3114-55-4	Chlorobenzene-d5	268000	10.037			
3855-82-1	1,4-Dichlorobenzene-d4	136000	12.006			

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark		Date Collected:	09/19/25
Project:	Weekly Storage Blanks		Date Received:	09/26/25
Client Sample ID:	STORAGE-BLANK-WATER-REF-4		SDG No.:	Q3226
Lab Sample ID:	Q3226-03		Matrix:	Water
Analytical Method:	8260D		% Solid:	0
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:		uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI	ID : 0.18	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047994.D	1	10/03/25 15:13	VX100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100325\
 Data File : VX047994.D
 Acq On : 03 Oct 2025 15:13
 Operator : JC/MD
 Sample : Q3226-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Oct 03 23:50:28 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	126698	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	257868	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	267920	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	136177	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	106656	52.886	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	105.780%
35) Dibromofluoromethane	5.373	113	84980	49.138	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.280%
50) Toluene-d8	8.635	98	286026	47.798	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.600%
62) 4-Bromofluorobenzene	11.067	95	125382	55.208	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	110.420%

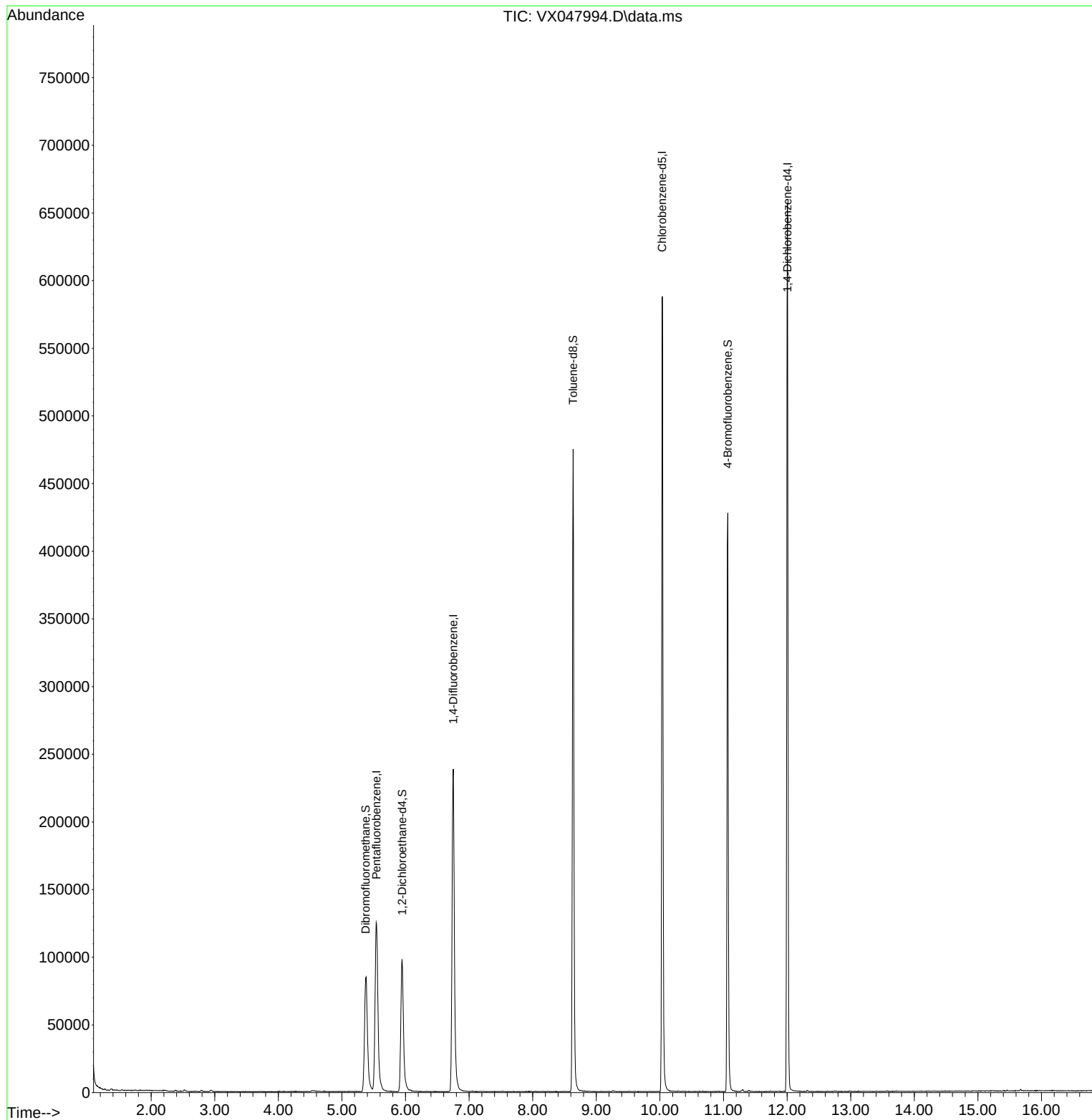
Target Compounds	Qvalue

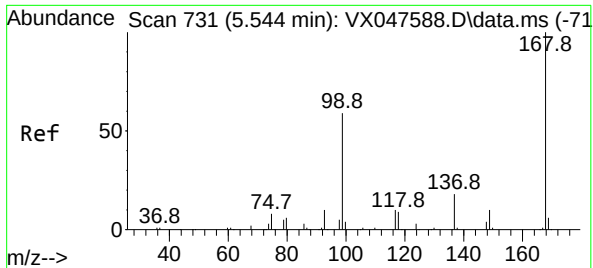
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100325\
Data File : VX047994.D
Acq On : 03 Oct 2025 15:13
Operator : JC/MD
Sample : Q3226-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Oct 03 23:50:28 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: VX047994.D

Acq: 03 Oct 2025 15:13

Instrument :

MSVOA_X

ClientSampleId :

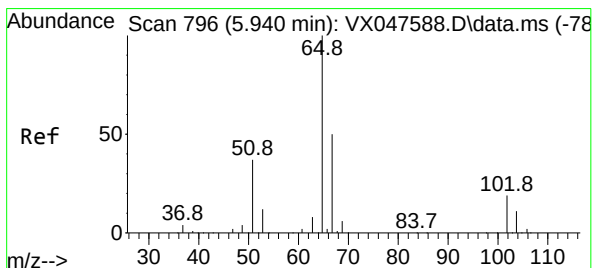
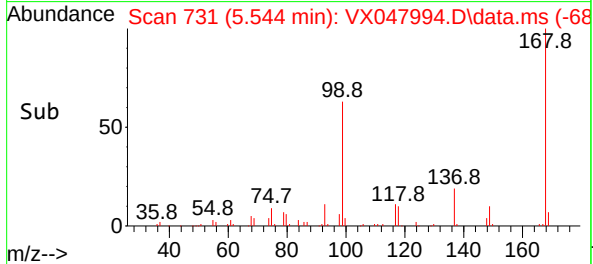
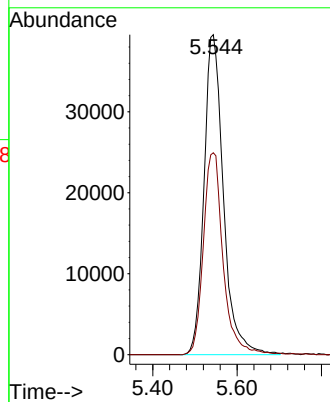
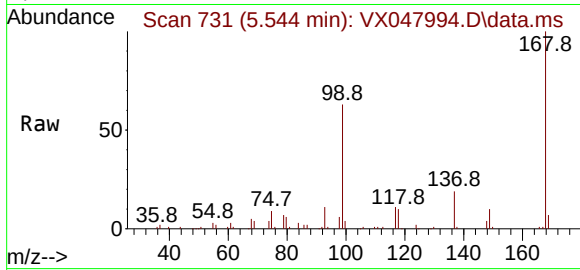
STORAGE-BLANK-WATER-REF-4

Tgt Ion:168 Resp: 126698

Ion Ratio Lower Upper

168 100

99 63.1 48.8 73.2



#33

1,2-Dichloroethane-d4

Concen: 52.886 ug/l

RT: 5.946 min Scan# 797

Delta R.T. 0.006 min

Lab File: VX047994.D

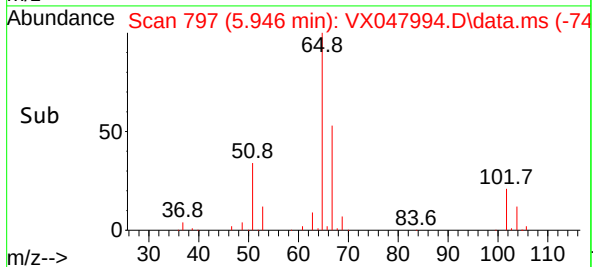
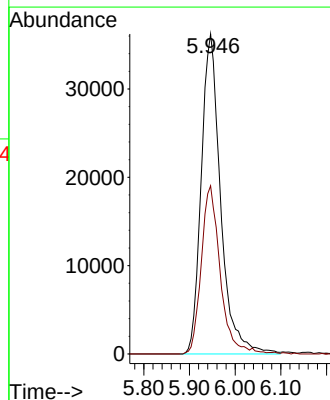
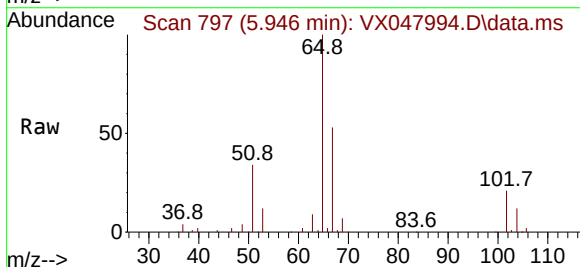
Acq: 03 Oct 2025 15:13

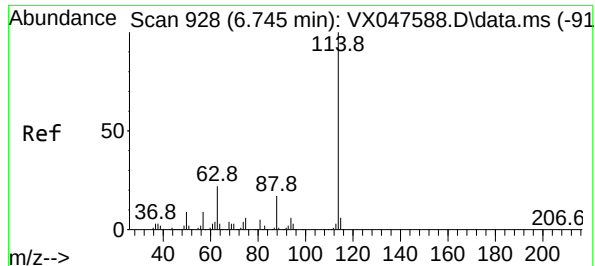
Tgt Ion: 65 Resp: 106656

Ion Ratio Lower Upper

65 100

67 51.4 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: VX047994.D

Acq: 03 Oct 2025 15:13

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

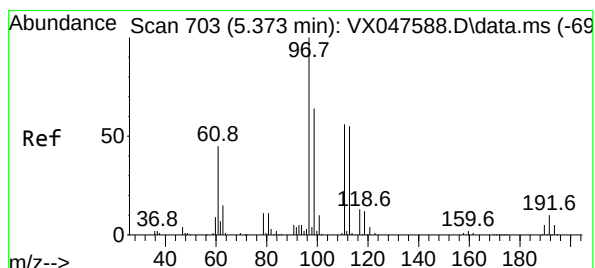
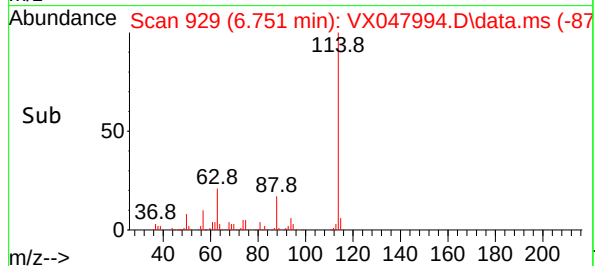
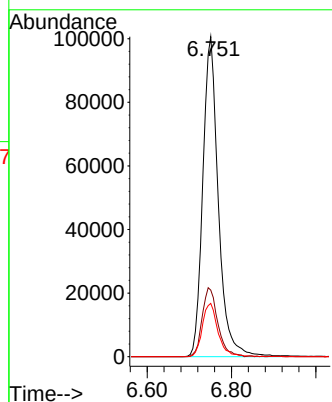
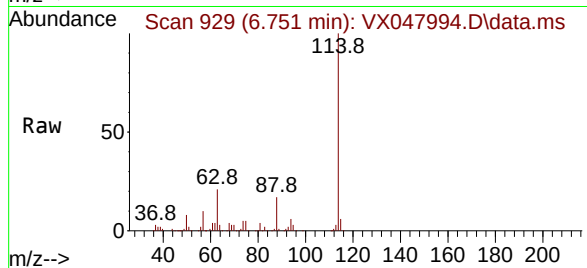
Tgt Ion:114 Resp: 257868

Ion Ratio Lower Upper

114 100

63 20.8 0.0 44.0

88 16.7 0.0 34.2



#35

Dibromofluoromethane

Concen: 49.138 ug/l

RT: 5.373 min Scan# 703

Delta R.T. -0.000 min

Lab File: VX047994.D

Acq: 03 Oct 2025 15:13

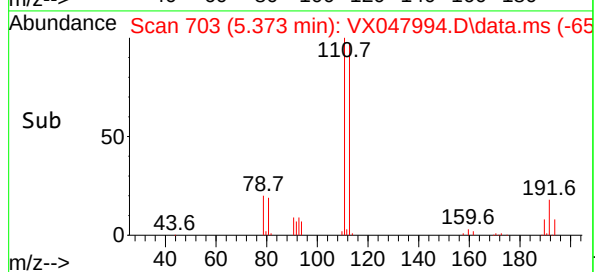
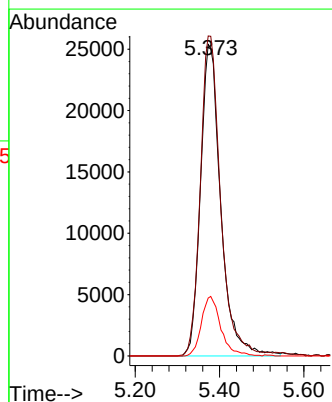
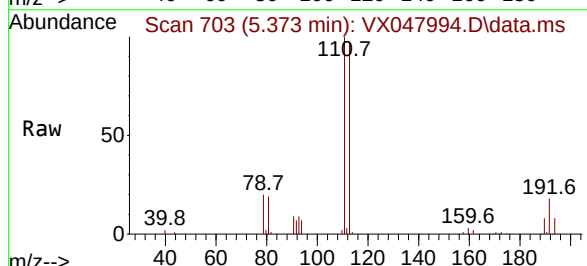
Tgt Ion:113 Resp: 84980

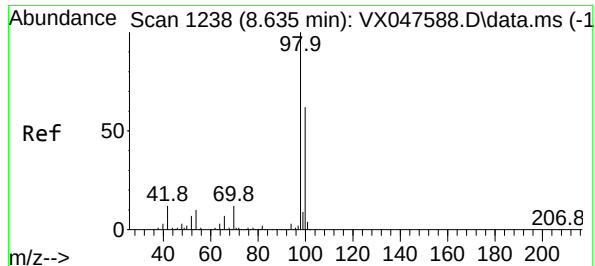
Ion Ratio Lower Upper

113 100

111 102.7 80.9 121.3

192 18.3 14.2 21.4





#50

Toluene-d8

Concen: 47.798 ug/l

RT: 8.635 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX047994.D

Acq: 03 Oct 2025 15:13

Instrument :

MSVOA_X

ClientSampleId :

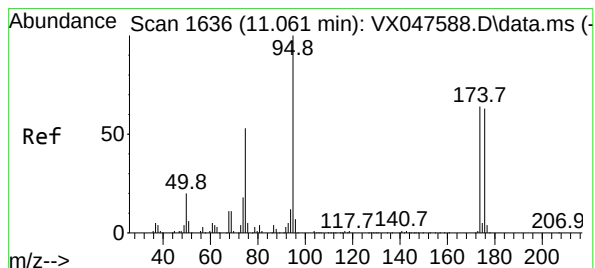
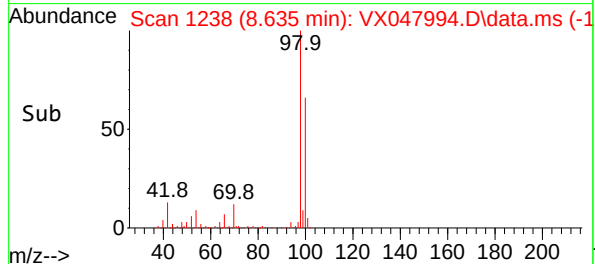
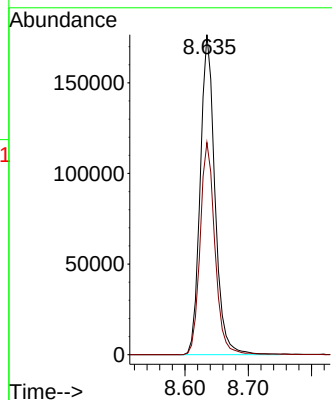
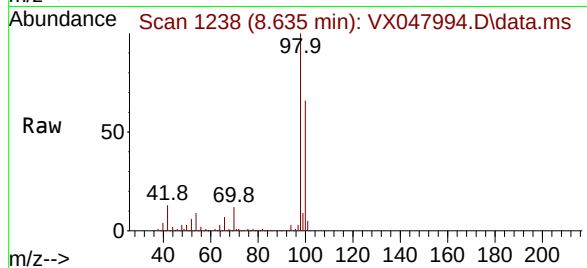
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 98 Resp: 286026

Ion Ratio Lower Upper

98 100

100 67.1 53.0 79.4



#62

4-Bromofluorobenzene

Concen: 55.208 ug/l

RT: 11.067 min Scan# 1637

Delta R.T. 0.006 min

Lab File: VX047994.D

Acq: 03 Oct 2025 15:13

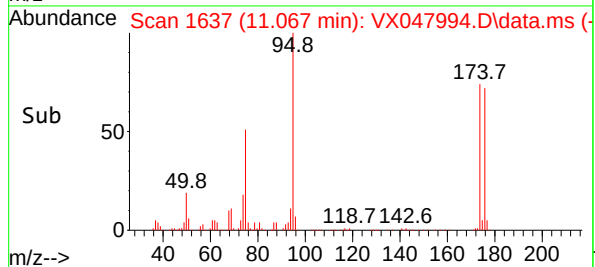
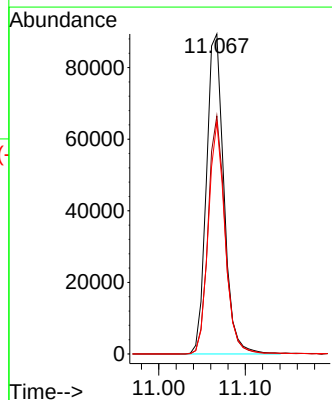
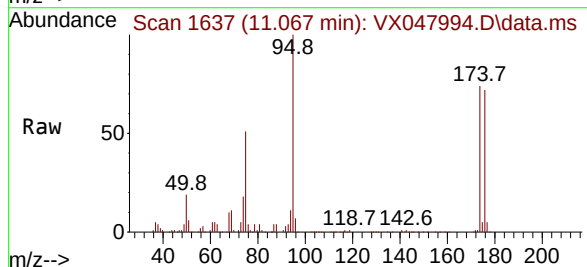
Tgt Ion: 95 Resp: 125382

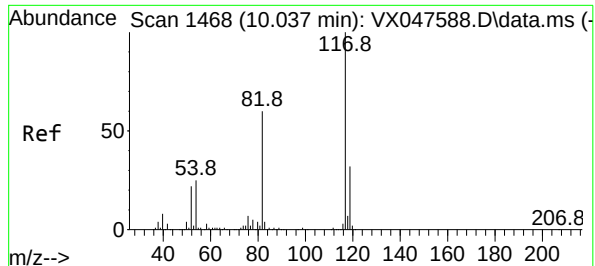
Ion Ratio Lower Upper

95 100

174 72.2 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: VX047994.D

Acq: 03 Oct 2025 15:13

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

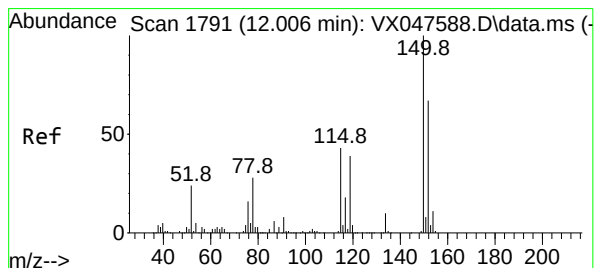
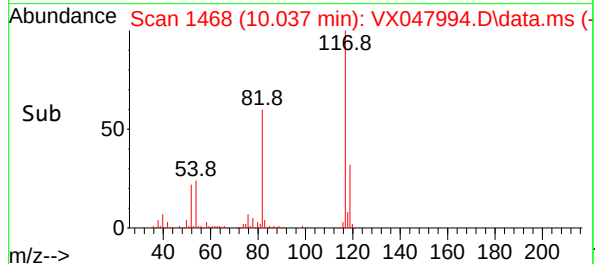
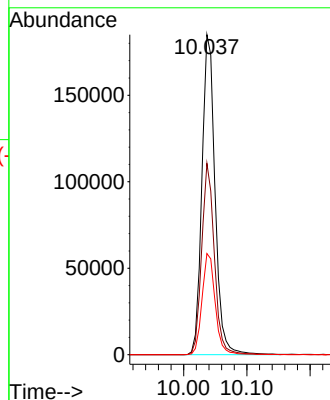
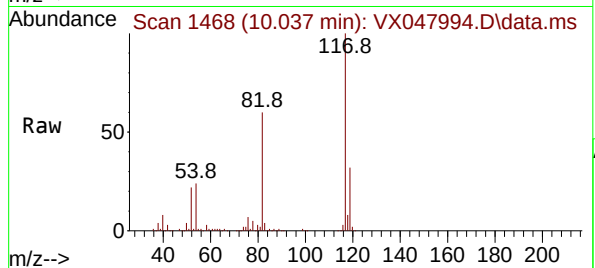
Tgt Ion:117 Resp: 267920

Ion Ratio Lower Upper

117 100

82 59.8 47.8 71.6

119 31.6 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: VX047994.D

Acq: 03 Oct 2025 15:13

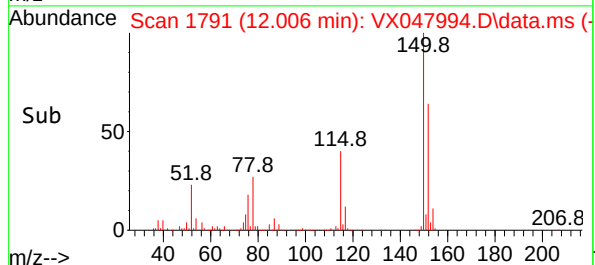
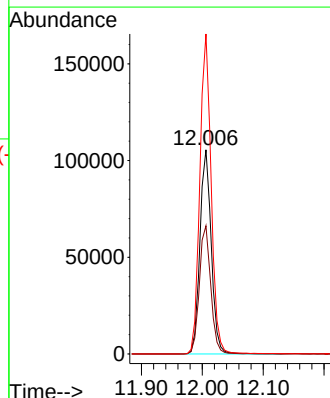
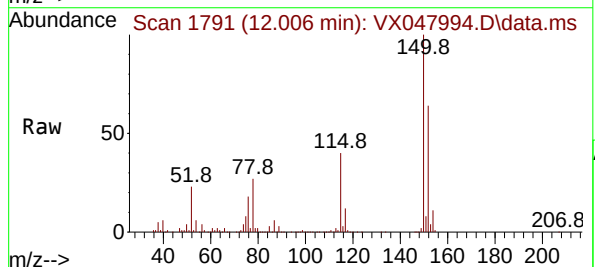
Tgt Ion:152 Resp: 136177

Ion Ratio Lower Upper

152 100

115 63.1 44.9 134.5

150 156.3 0.0 352.0



Report of Analysis

Client:	Alliance Technical Group, LLC - Newark		Date Collected:	09/19/25	
Project:	Weekly Storage Blanks		Date Received:	09/26/25	
Client Sample ID:	STORAGE-BLANK-SAMPLE-MANAGEMENT		SDG No.:	Q3226	
Lab Sample ID:	Q3226-04		Matrix:	Water	
Analytical Method:	8260D		% Solid:	0	
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOC- Chemtech Full	
GC Column:	DB-624UI	ID : 0.18	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047995.D	1	10/03/25 15:34	VX100325

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

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark		Date Collected:	09/19/25
Project:	Weekly Storage Blanks		Date Received:	09/26/25
Client Sample ID:	STORAGE-BLANK-SAMPLE-MANAGEMENT		SDG No.:	Q3226
Lab Sample ID:	Q3226-04		Matrix:	Water
Analytical Method:	8260D		% Solid:	0
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:		uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI	ID : 0.18	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047995.D	1	10/03/25 15:34	VX100325

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

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark		Date Collected:	09/19/25	
Project:	Weekly Storage Blanks		Date Received:	09/26/25	
Client Sample ID:	STORAGE-BLANK-SAMPLE-MANAGEMENT		SDG No.:	Q3226	
Lab Sample ID:	Q3226-04		Matrix:	Water	
Analytical Method:	8260D		% Solid:	0	
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOC- Chemtech Full	
GC Column:	DB-624UI	ID : 0.18	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047995.D	1	10/03/25 15:34	VX100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-67-8	1,3,5-Trimethylbenzene	0.15	UQ	0.15	1.00	ug/L
106-43-4	4-Chlorotoluene	0.13	U	0.13	1.00	ug/L
98-06-6	tert-Butylbenzene	0.14	UQ	0.14	1.00	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.14	UQ	0.14	1.00	ug/L
135-98-8	sec-Butylbenzene	0.13	U	0.13	1.00	ug/L
99-87-6	p-Isopropyltoluene	0.13	U	0.13	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
104-51-8	n-Butylbenzene	0.15	U	0.15	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
87-68-3	Hexachlorobutadiene	0.30	UQ	0.30	1.00	ug/L
91-20-3	Naphthalene	0.20	UQ	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.8		74 - 125	106%	SPK: 50
1868-53-7	Dibromofluoromethane	50.4		75 - 124	101%	SPK: 50
2037-26-5	Toluene-d8	49.7		86 - 113	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	55.4		77 - 121	111%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	128000	5.544			
540-36-3	1,4-Difluorobenzene	257000	6.751			
3114-55-4	Chlorobenzene-d5	268000	10.037			
3855-82-1	1,4-Dichlorobenzene-d4	136000	12.006			

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark			Date Collected:	09/19/25
Project:	Weekly Storage Blanks			Date Received:	09/26/25
Client Sample ID:	STORAGE-BLANK-SAMPLE-MANAGEMENT			SDG No.:	Q3226
Lab Sample ID:	Q3226-04			Matrix:	Water
Analytical Method:	8260D			% Solid:	0
Sample Wt/Vol:	5	Units:	mL	Final Vol:	5000 uL
Soil Aliquot Vol:			uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI	ID :	0.18	Level :	LOW
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047995.D	1	10/03/25 15:34	VX100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100325\
 Data File : VX047995.D
 Acq On : 03 Oct 2025 15:34
 Operator : JC/MD
 Sample : Q3226-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Oct 03 23:50:51 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	127919	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	256789	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	267564	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	136370	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	107493	52.792	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	105.580%
35) Dibromofluoromethane	5.379	113	86753	50.374	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.740%
50) Toluene-d8	8.635	98	296223	49.710	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.420%
62) 4-Bromofluorobenzene	11.067	95	125293	55.401	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	110.800%

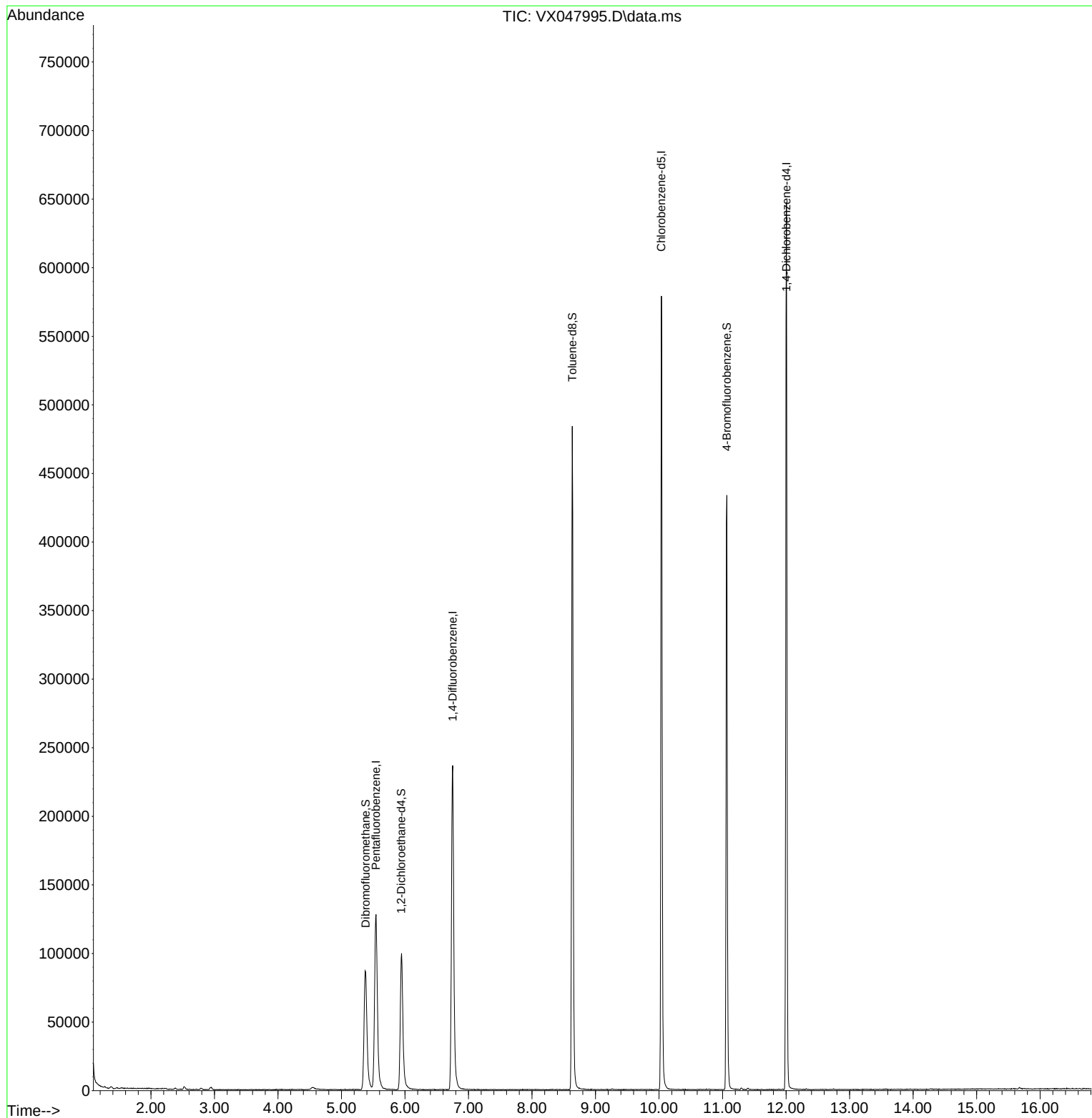
Target Compounds	Qvalue

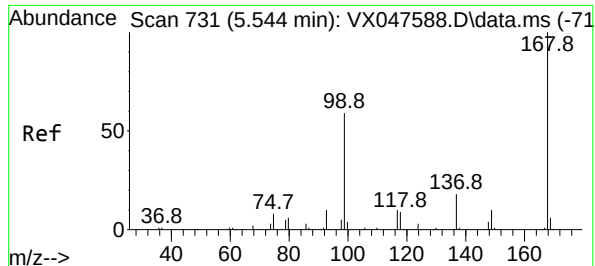
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100325\
Data File : VX047995.D
Acq On : 03 Oct 2025 15:34
Operator : JC/MD
Sample : Q3226-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Oct 03 23:50:51 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

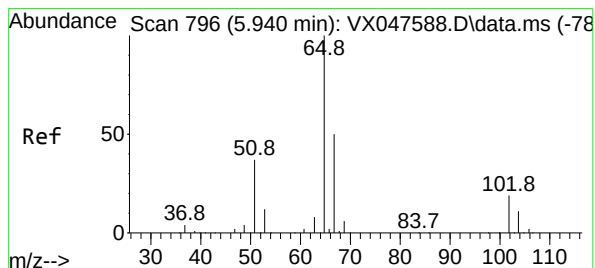
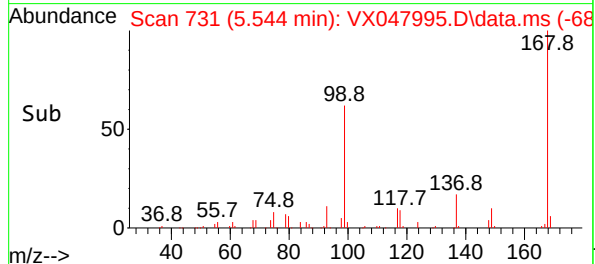
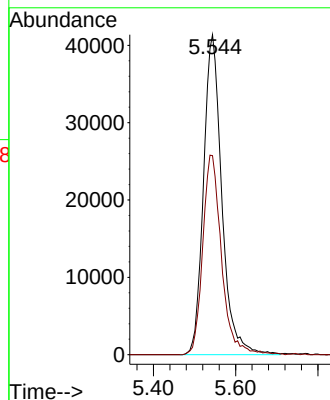
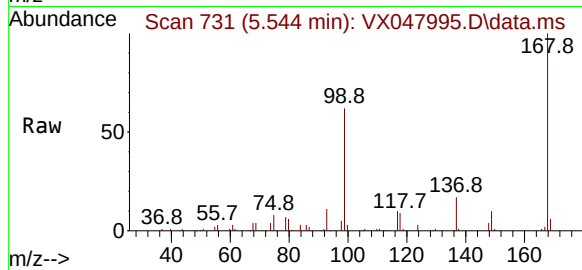




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX047995.D
Acq: 03 Oct 2025 15:34

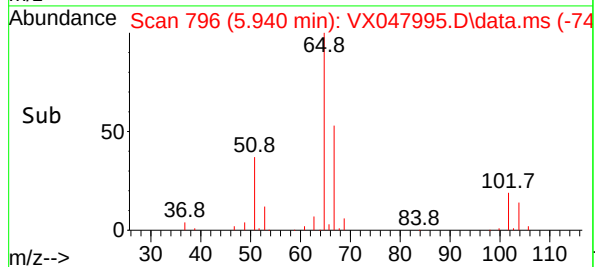
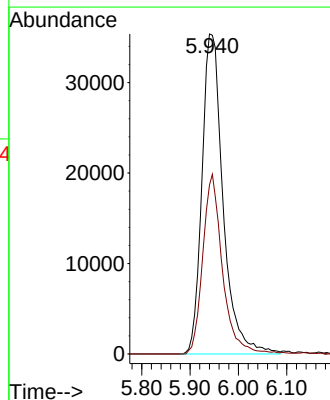
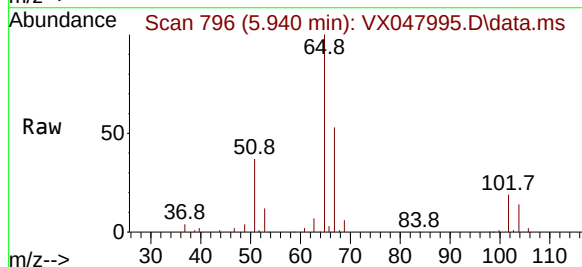
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGEMENT

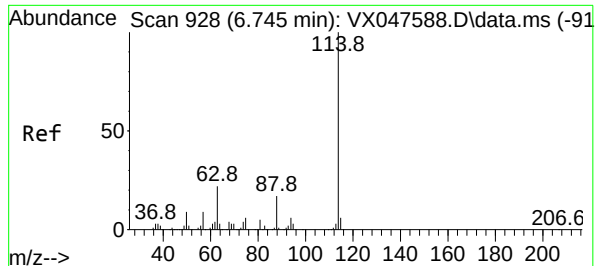
Tgt Ion:168 Resp: 127919
Ion Ratio Lower Upper
168 100
99 62.2 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 52.792 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX047995.D
Acq: 03 Oct 2025 15:34

Tgt Ion: 65 Resp: 107493
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: VX047995.D

Acq: 03 Oct 2025 15:34

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAGEMENT

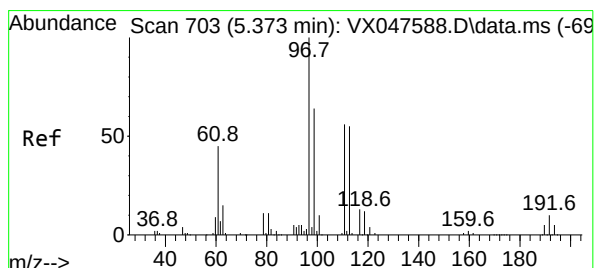
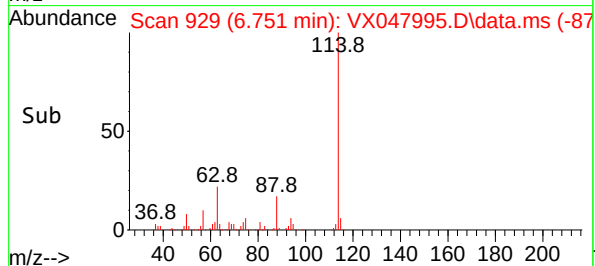
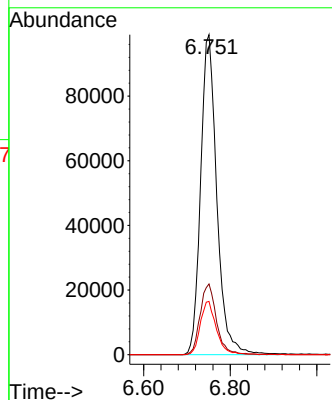
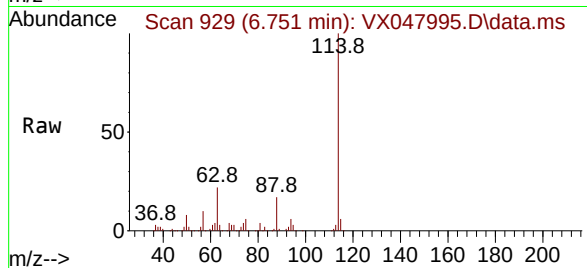
Tgt Ion:114 Resp: 256789

Ion Ratio Lower Upper

114 100

63 22.1 0.0 44.0

88 16.7 0.0 34.2



#35

Dibromofluoromethane

Concen: 50.374 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX047995.D

Acq: 03 Oct 2025 15:34

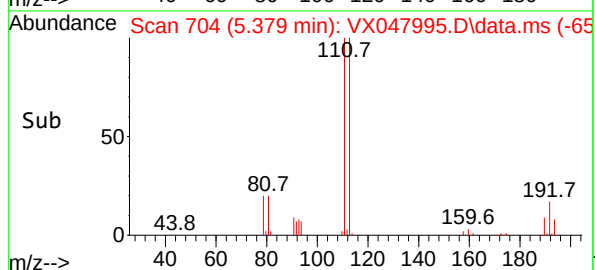
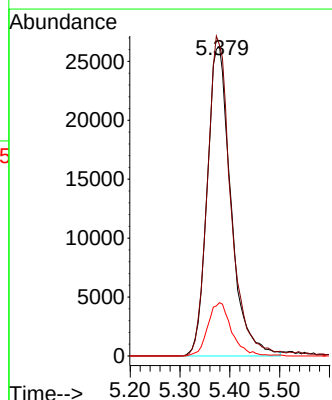
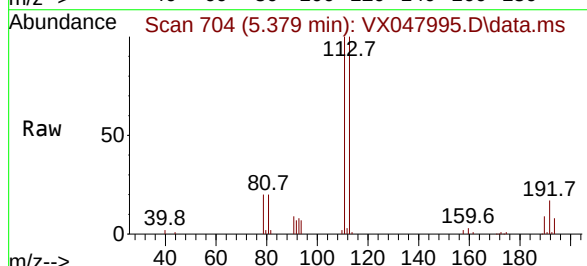
Tgt Ion:113 Resp: 86753

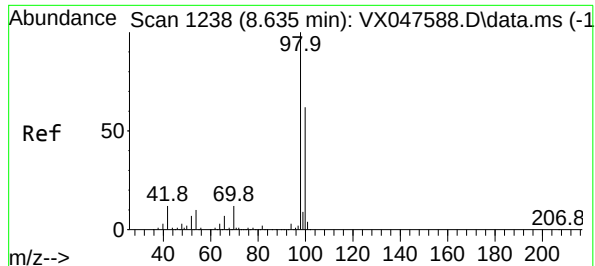
Ion Ratio Lower Upper

113 100

111 102.0 80.9 121.3

192 17.2 14.2 21.4





#50

Toluene-d8

Concen: 49.710 ug/l

RT: 8.635 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX047995.D

Acq: 03 Oct 2025 15:34

Instrument :

MSVOA_X

ClientSampleId :

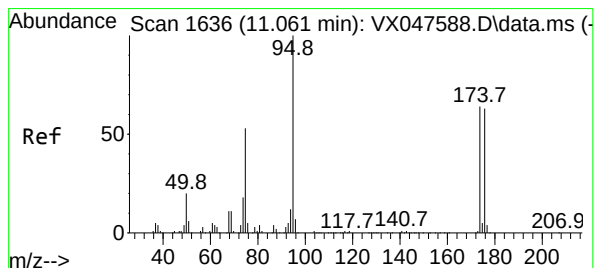
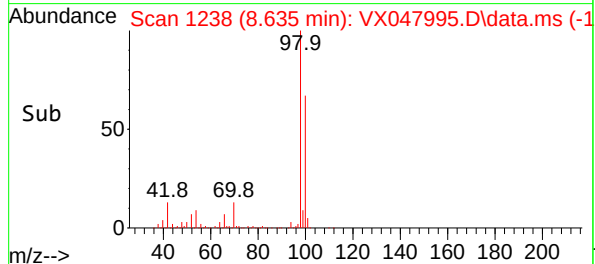
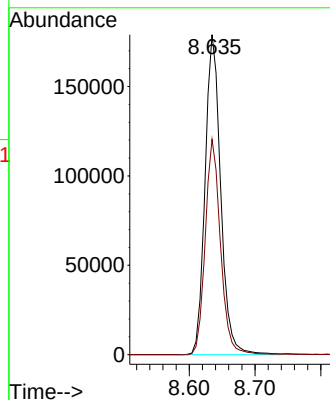
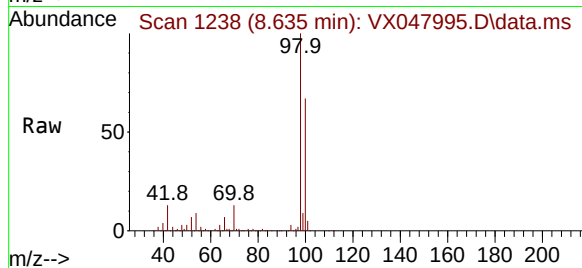
STORAGE-BLANK-SAMPLE-MANAGEMENT

Tgt Ion: 98 Resp: 296223

Ion Ratio Lower Upper

98 100

100 65.9 53.0 79.4



#62

4-Bromofluorobenzene

Concen: 55.401 ug/l

RT: 11.067 min Scan# 1637

Delta R.T. 0.006 min

Lab File: VX047995.D

Acq: 03 Oct 2025 15:34

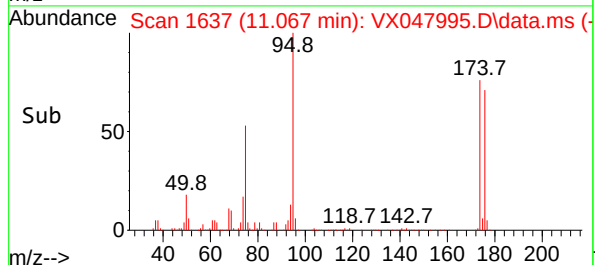
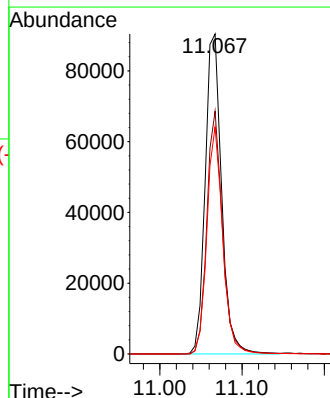
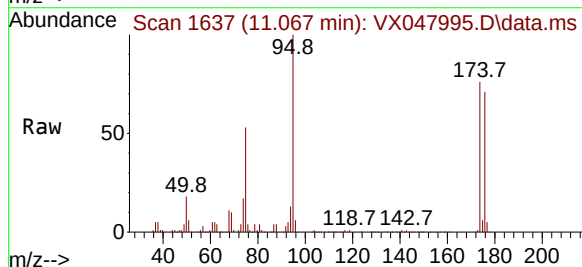
Tgt Ion: 95 Resp: 125293

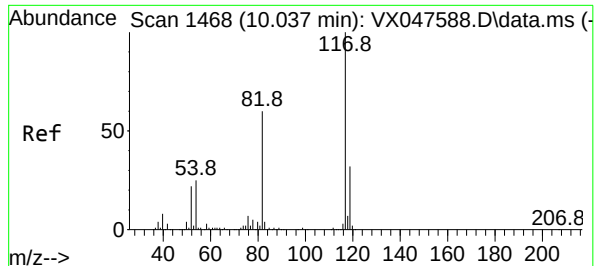
Ion Ratio Lower Upper

95 100

174 72.9 0.0 141.6

176 68.3 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: VX047995.D

Acq: 03 Oct 2025 15:34

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAGEMENT

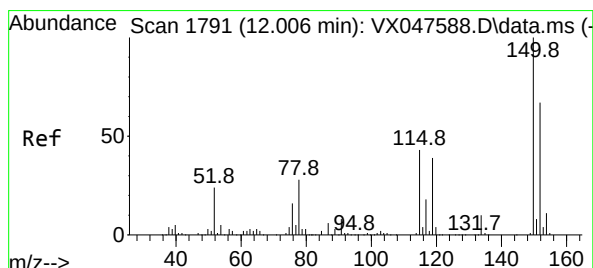
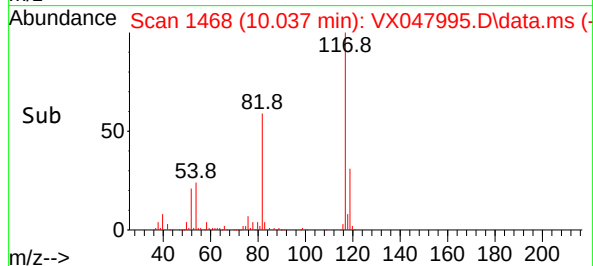
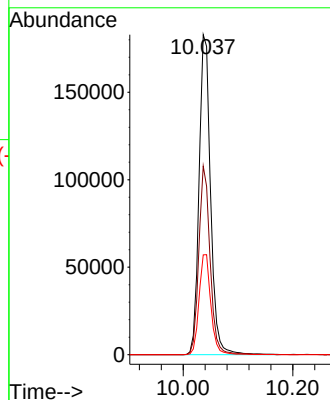
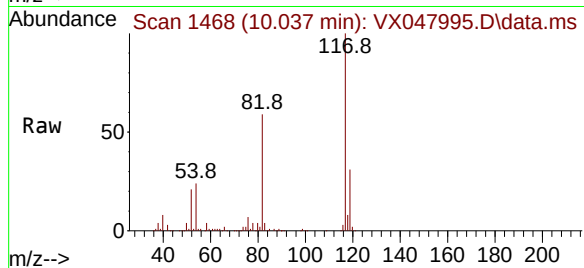
Tgt Ion:117 Resp: 267564

Ion Ratio Lower Upper

117 100

82 59.0 47.8 71.6

119 31.2 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: VX047995.D

Acq: 03 Oct 2025 15:34

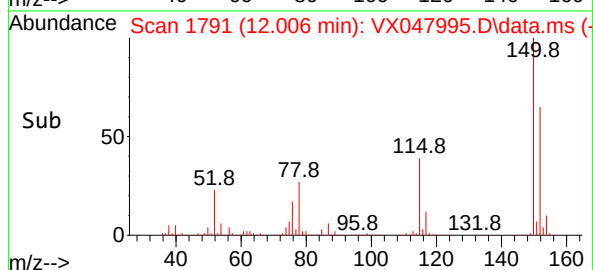
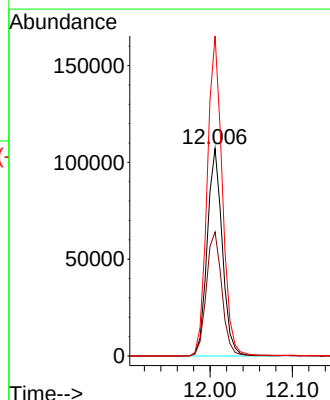
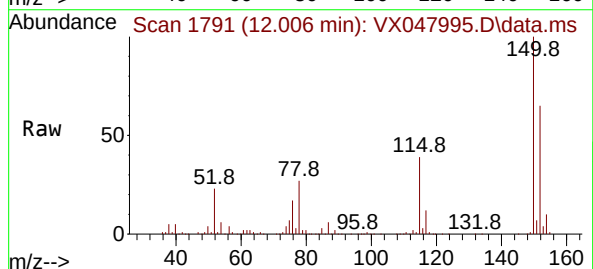
Tgt Ion:152 Resp: 136370

Ion Ratio Lower Upper

152 100

115 61.7 44.9 134.5

150 154.5 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: ALLI03
 Lab Code: ACE SDG No.: Q3226
 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	
Dichlorodifluoromethane	0.447	0.575	0.582	0.501	0.510	0.492	0.518	10	
Chloromethane	0.610	0.749	0.739	0.661	0.677	0.647	0.680	7.9	
Vinyl Chloride	0.572	0.713	0.716	0.661	0.677	0.658	0.666	7.9	
Ethyl Acetate	0.429	0.561	0.554	0.532	0.533	0.539	0.525	9.2	
Bromomethane		0.493	0.451	0.424	0.423	0.321	0.422	15	
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	
1,1,2-Trichlorotrifluoroethane	0.519	0.591	0.603	0.583	0.590	0.583	0.578	5.2	
Tert butyl alcohol		0.085	0.086	0.089	0.090	0.094	0.089	4.2	
1,1-Dichloroethene	0.526	0.612	0.618	0.604	0.609	0.596	0.594	5.7	
Acrolein		0.071	0.069	0.082	0.089	0.097	0.082	14.6	
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	
Methyl tert-butyl Ether	1.884	2.238	2.221	2.247	2.212	2.209	2.169	6.5	
Methyl Acetate	0.612	0.673	0.714	0.876	0.865	0.881	0.770	15.4	
Methylene Chloride	0.718	0.772	0.754	0.730	0.716	0.705	0.732	3.5	
trans-1,2-Dichloroethene	0.543	0.703	0.665	0.649	0.643	0.635	0.640	8.3	
Vinyl Acetate	1.541	1.937	2.020	1.992	1.958	1.961	1.901	9.4	
1,1-Dichloroethane	1.090	1.325	1.299	1.297	1.287	1.278	1.263	6.8	
Cyclohexane		1.161	1.092	1.030	0.984	0.993	1.052	7.1	
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	
2,2-Dichloropropane	0.945	1.096	1.074	1.068	1.055	1.060	1.050	5.1	
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	
Methylcyclohexane	0.490	0.589	0.591	0.565	0.548	0.554	0.556	6.6	
1,1-Dichloropropene	0.484	0.520	0.508	0.487	0.471	0.469	0.490	4.2	

* 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: ALLI03
 Lab Code: ACE SDG No.: Q3226
 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	
Benzene	1.330	1.577	1.566	1.523	1.473	1.459	1.488	6.1	
1,2-Dichloroethane	0.513	0.595	0.600	0.582	0.554	0.553	0.566	5.8	
Trichloroethene	0.296	0.382	0.382	0.370	0.364	0.363	0.360	8.9	
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	
1,1,2-Trichloroethane	0.323	0.365	0.371	0.367	0.344	0.351	0.354	5.1	
1,3-Dichloropropane	0.507	0.648	0.636	0.638	0.607	0.609	0.607	8.5	
2-Chloroethyl Vinyl ether	0.094	0.212	0.210	0.272	0.280	0.292	0.227	32.7	
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	
Hexachloroethane	0.434	0.565	0.574	0.593	0.606	0.614	0.564	11.8	
Ethyl Benzene	1.625	2.077	2.049	2.039	1.996	1.973	1.960	8.6	
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	
Isopropylbenzene	3.124	3.907	3.986	4.047	3.907	3.839	3.801	8.9	
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	
Bromobenzene	0.760	0.964	0.992	0.988	0.960	0.954	0.936	9.4	
n-propylbenzene	3.680	4.667	4.739	4.792	4.581	4.504	4.494	9.2	

* 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.



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Fax : 908 789 8922

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: ALLI03
 Lab Code: ACE SDG No.: Q3226
 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	
2-Chlorotoluene	2.276	2.859	2.935	2.915	2.798	2.730	2.752	8.9	
1,3,5-Trimethylbenzene	2.458	3.235	3.311	3.343	3.221	3.171	3.123	10.6	
4-Chlorotoluene	2.754	3.347	3.410	3.433	3.285	3.275	3.251	7.7	
tert-Butylbenzene	2.800	3.223	3.346	3.359	3.240	3.215	3.197	6.4	
1,2,4-Trimethylbenzene	2.522	3.302	3.381	3.344	3.234	3.216	3.166	10.2	
sec-Butylbenzene	3.110	4.001	3.945	4.028	3.867	3.834	3.797	9.1	
p-Isopropyltoluene	2.660	3.372	3.371	3.419	3.263	3.205	3.215	8.8	
1,3-Dichlorobenzene	1.462	1.800	1.829	1.817	1.768	1.758	1.739	8	
1,4-Dichlorobenzene	1.570	1.890	1.868	1.832	1.767	1.783	1.785	6.5	
n-Butylbenzene	2.429	3.070	3.114	3.139	3.098	2.999	2.975	9.1	
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	
1,2,4-Trichlorobenzene	0.831	1.099	1.107	1.156	1.140	1.126	1.077	11.3	
Hexachlorobutadiene	0.341	0.377	0.361	0.384	0.377	0.354	0.366	4.5	
Naphthalene	2.503	3.153	3.410	3.539	3.496	3.571	3.279	12.5	
1,2,3-Trichlorobenzene	0.753	0.986	1.031	1.088	1.078	1.073	1.002	12.7	
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	

* 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

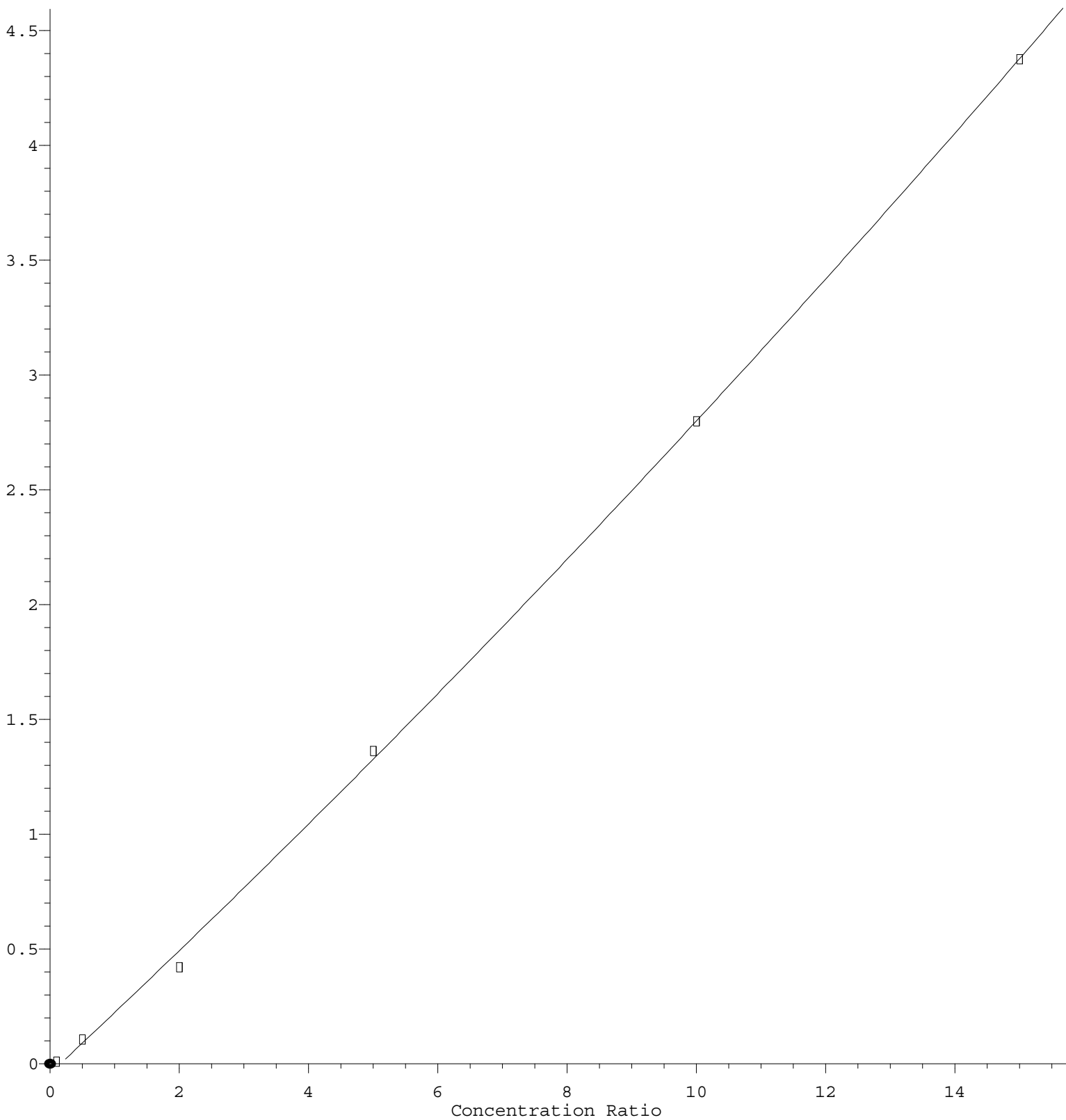
Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : 82X091625W.M

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 : VSTDIC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

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

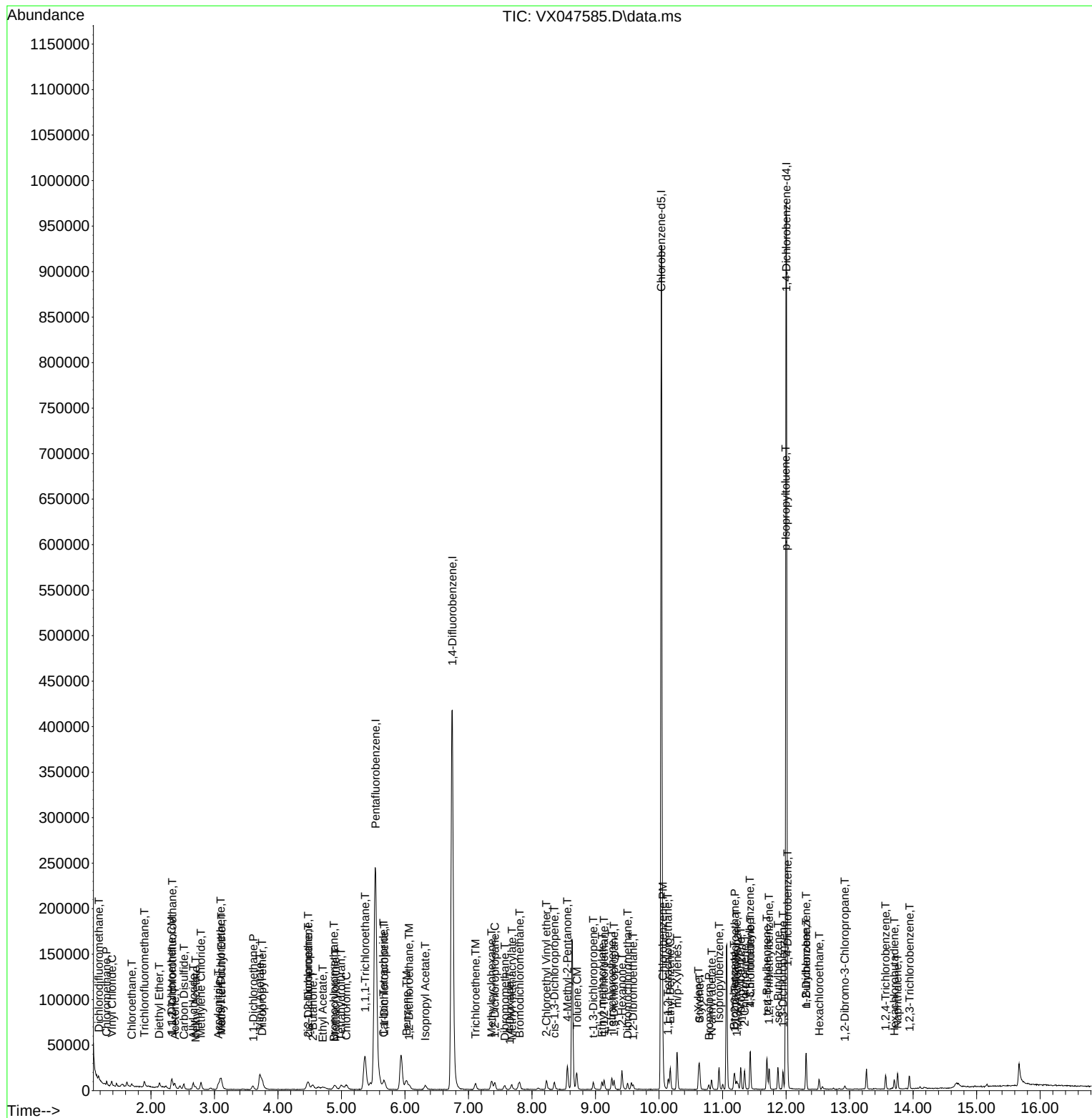
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
 Data File : VX047585.D
 Acq On : 16 Sep 2025 09:23
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

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 : 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)
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

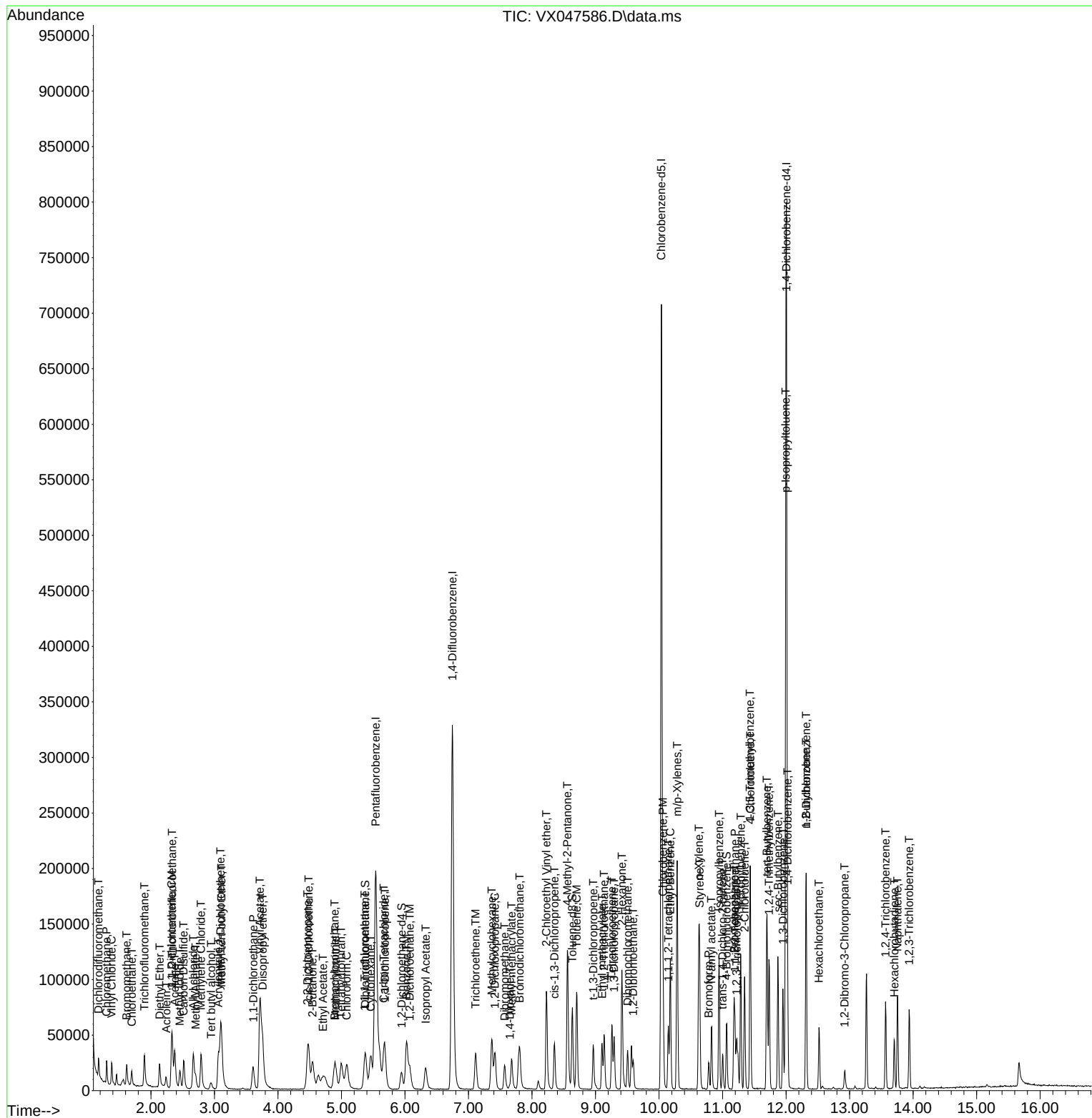
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047586.D
Acq On : 16 Sep 2025 10:16
Operator : JC/MD
Sample : VSTDIC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
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



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 : VSTDIC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

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

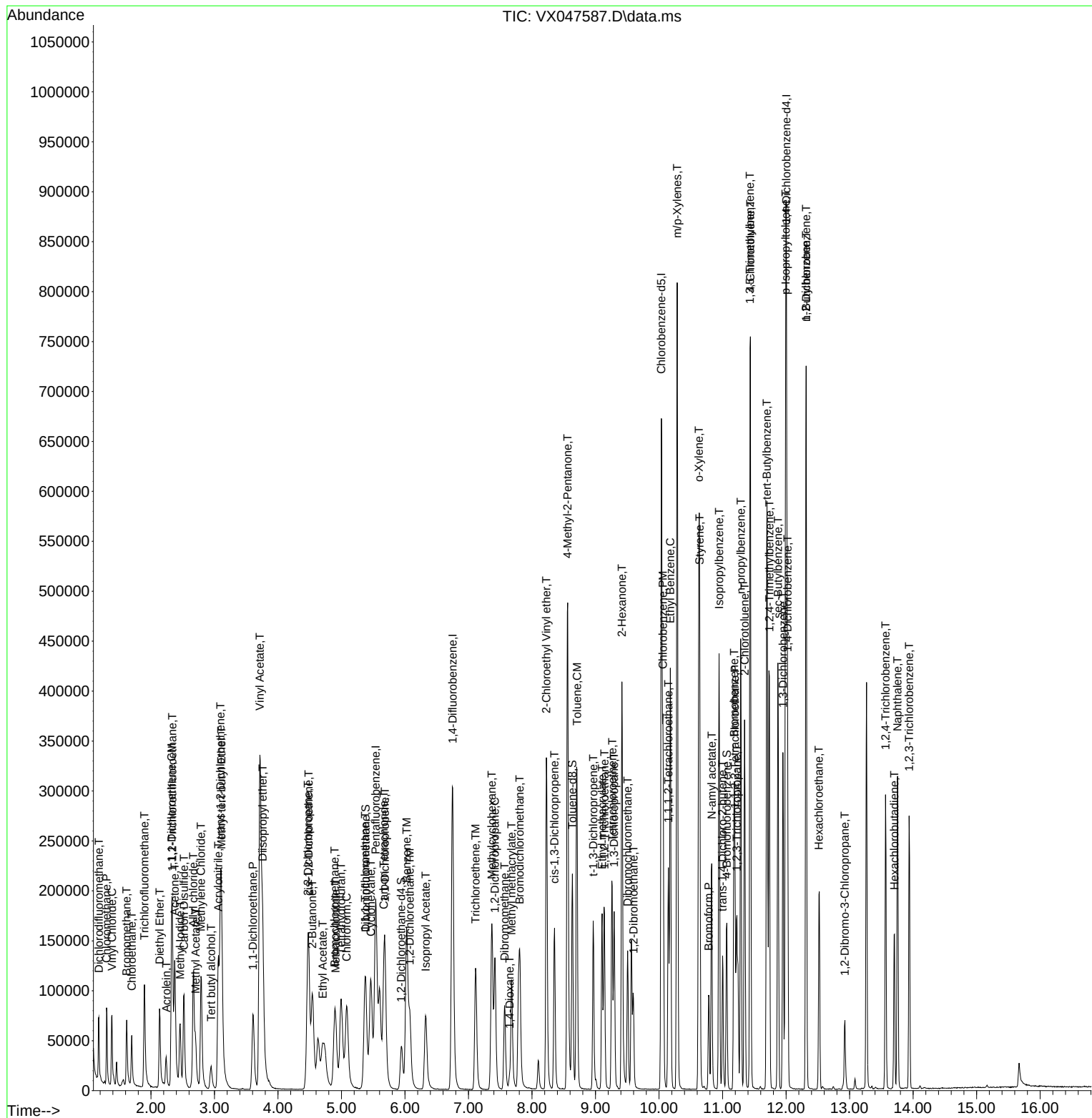
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
 Data File : VX047587.D
 Acq On : 16 Sep 2025 10:37
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

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



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

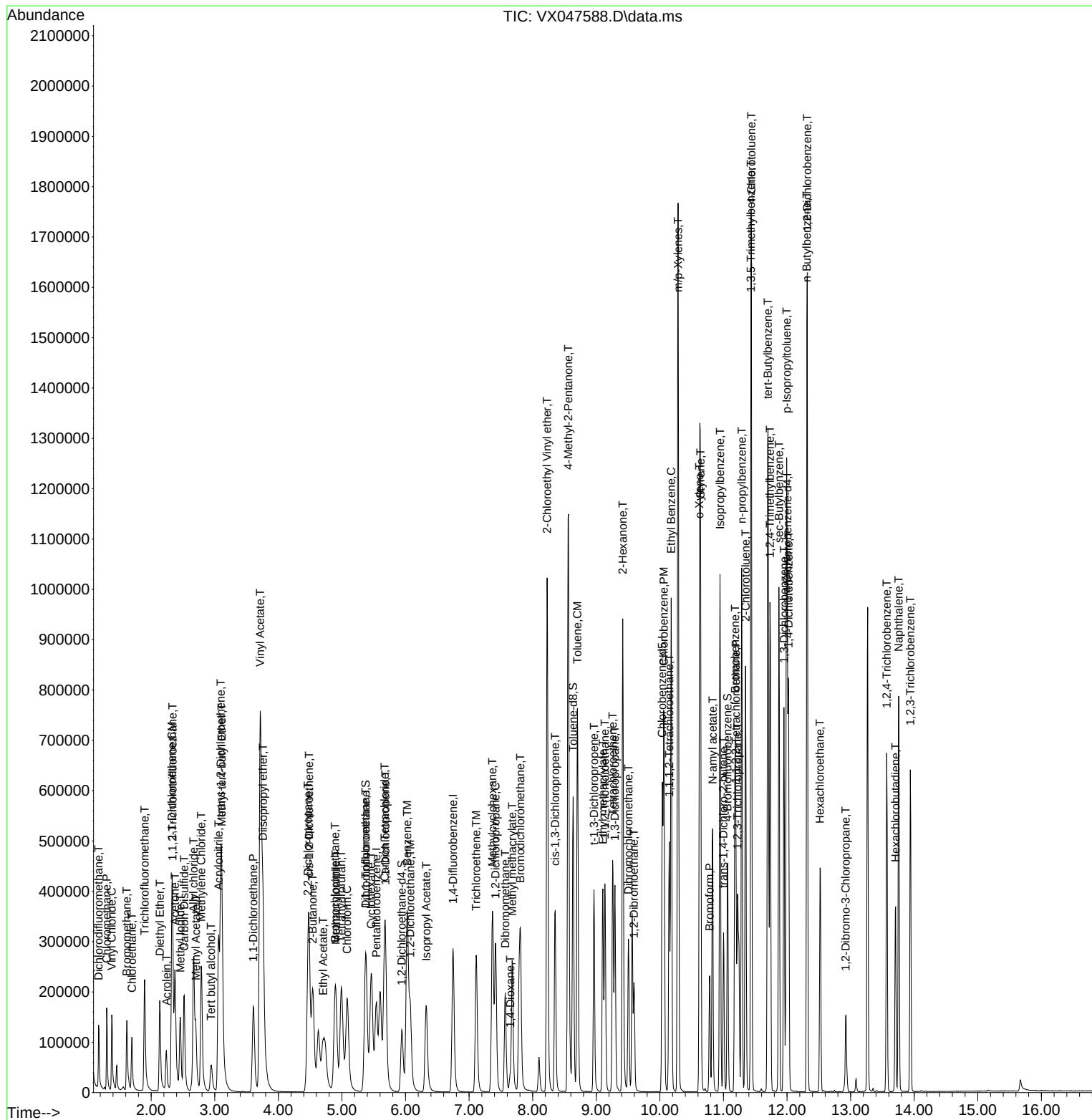
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

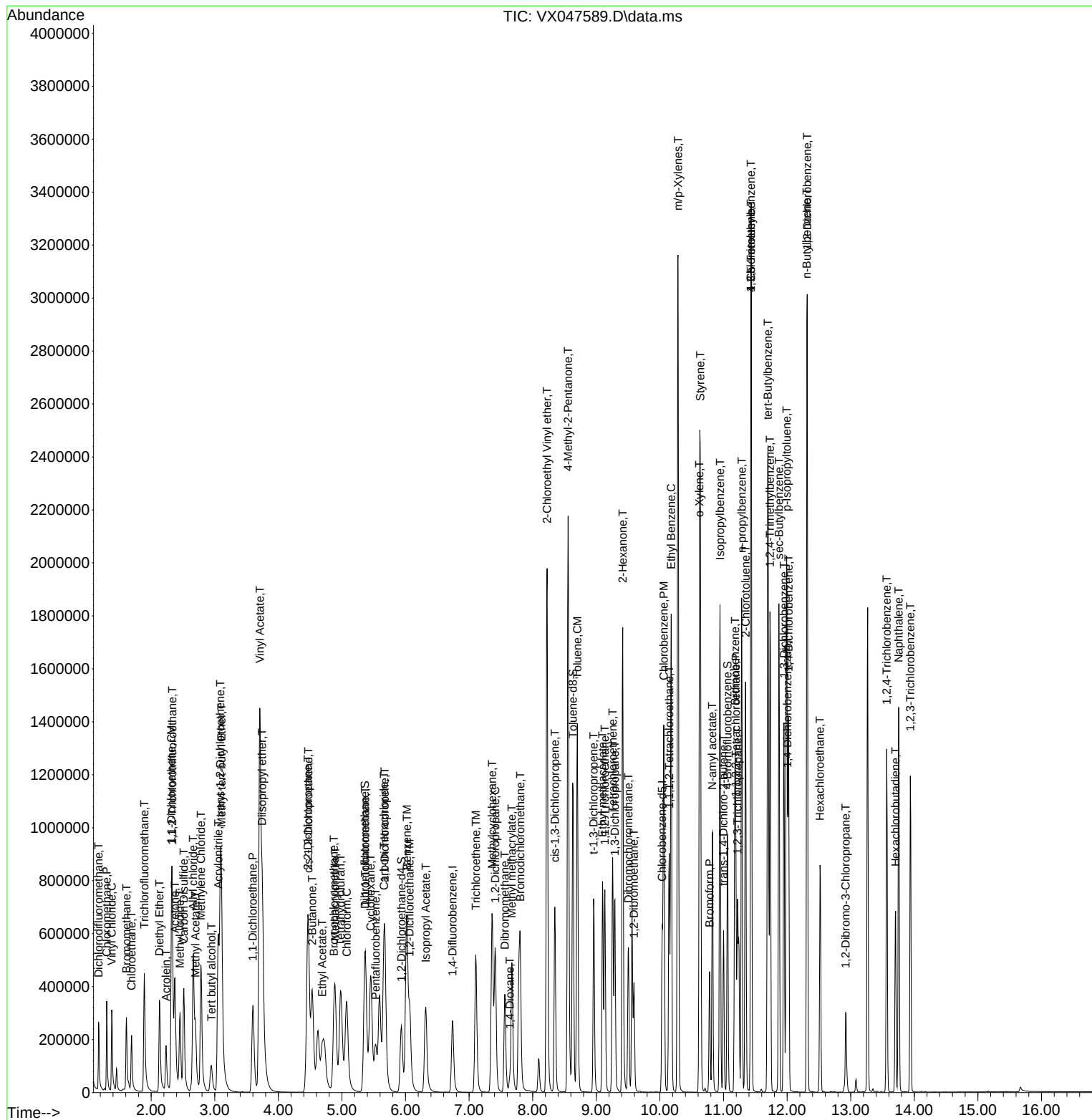
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047589.D
Acq On : 16 Sep 2025 11:40
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations

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

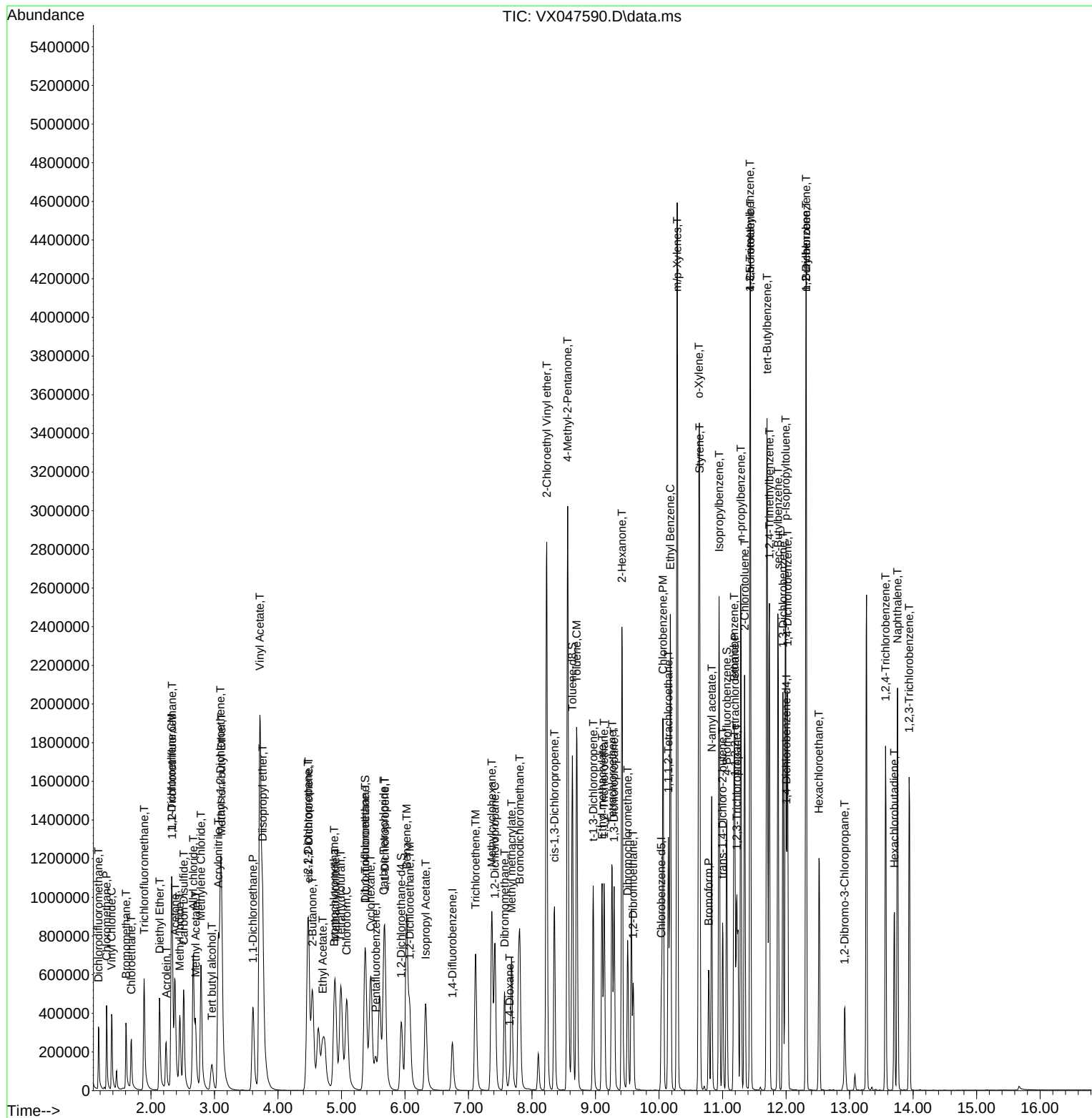
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Data File : VX047590.D
Acq On : 16 Sep 2025 12:01
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations 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



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

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

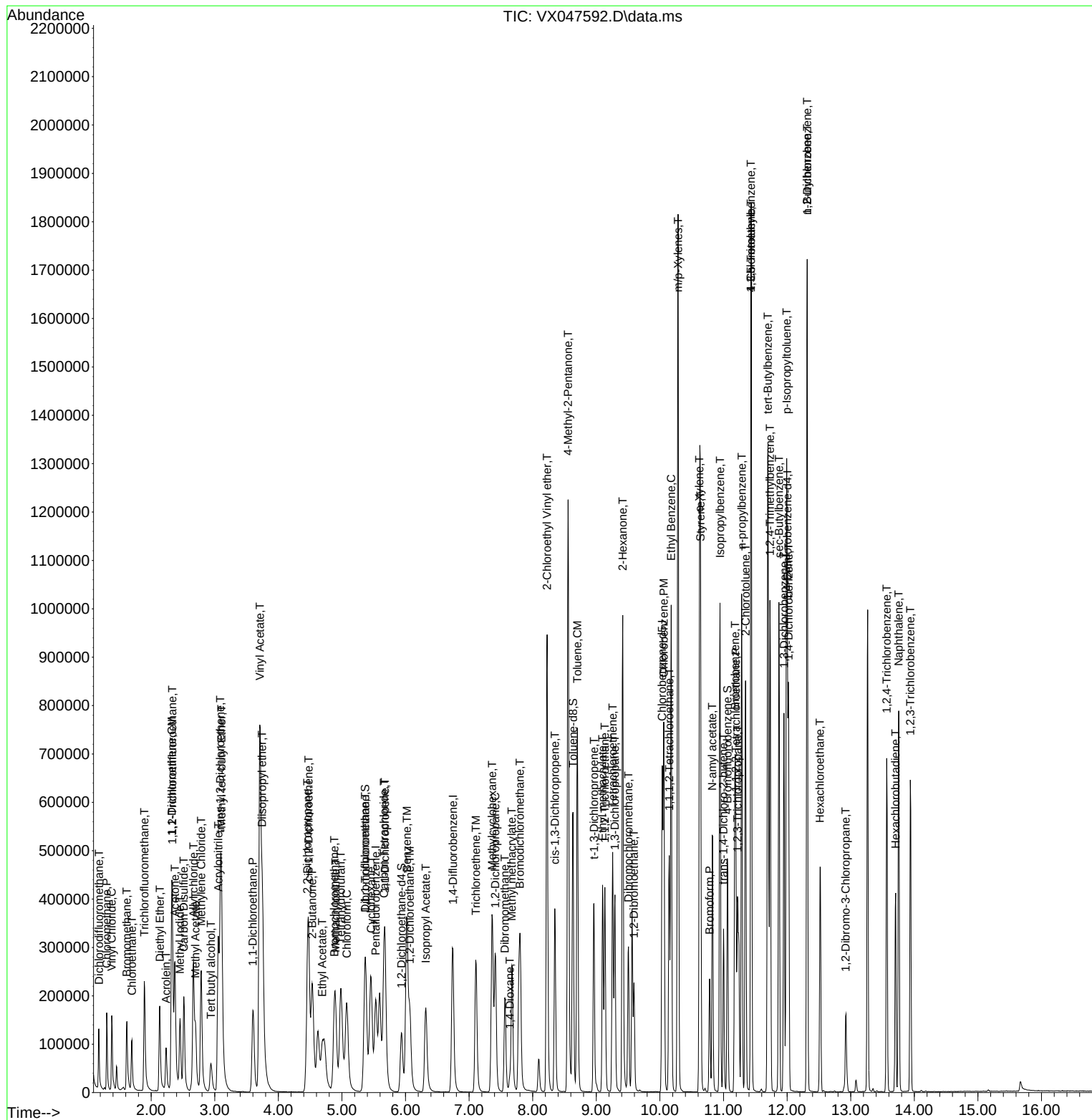
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
 Data File : VX047592.D
 Acq On : 16 Sep 2025 13:35
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

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



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 :
 ICSVX091625

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	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

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 :
 ICSVX091625

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	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

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	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\
 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)
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

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 :
 ICSVX091625

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)
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>ALLI03</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3226</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
Dichlorodifluoromethane	0.518	0.577		11.39	20
Chloromethane	0.680	0.659	0.1	-3.09	20
Vinyl Chloride	0.666	0.682		2.4	20
Ethyl Acetate	0.525	0.508		-3.24	20
Bromomethane	0.422	0.467		10.66	20
Chloroethane	0.445	0.450		1.12	20
Trichlorofluoromethane	0.989	1.066		7.79	20
1,1,2-Trichlorotrifluoroethane	0.578	0.638		10.38	20
Tert butyl alcohol	0.089	0.076		-14.61	20
1,1-Dichloroethene	0.594	0.609		2.53	20
Acrolein	0.082	0.083		1.22	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
Methyl tert-butyl Ether	2.169	2.219		2.31	20
Methyl Acetate	0.770	0.839		8.96	20
Methylene Chloride	0.732	0.762		4.1	20
trans-1,2-Dichloroethene	0.640	0.654		2.19	20
Vinyl Acetate	1.901	1.963		3.26	20
1,1-Dichloroethane	1.263	1.326	0.1	4.99	20
Cyclohexane	1.052	1.024		-2.66	20
2-Butanone	0.432	0.408		-5.56	20
Carbon Tetrachloride	0.532	0.565		6.2	20
2,2-Dichloropropane	1.050	1.071		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
Methylcyclohexane	0.556	0.571		2.7	20
1,1-Dichloropropene	0.490	0.498		1.63	20
Benzene	1.488	1.585		6.52	20
1,2-Dichloroethane	0.566	0.610		7.77	20
Trichloroethene	0.360	0.385		6.94	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

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>ALLI03</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3226</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
t-1,3-Dichloropropene	0.584	0.657		12.5	20
cis-1,3-Dichloropropene	0.624	0.698		11.86	20
1,1,2-Trichloroethane	0.354	0.398		12.43	20
1,3-Dichloropropane	0.607	0.685		12.85	20
2-Chloroethyl Vinyl ether	0.227	0.313		37.88	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
Hexachloroethane	0.564	0.602		6.74	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
Isopropylbenzene	3.801	3.806		0.13	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
Bromobenzene	0.936	0.949		1.39	20
n-propylbenzene	4.494	4.506		0.27	20
2-Chlorotoluene	2.752	2.738		-0.51	20
1,3,5-Trimethylbenzene	3.123	3.156		1.06	20
4-Chlorotoluene	3.251	3.265		0.43	20
tert-Butylbenzene	3.197	3.234		1.16	20
1,2,4-Trimethylbenzene	3.166	3.189		0.73	20
sec-Butylbenzene	3.797	3.877		2.11	20
p-Isopropyltoluene	3.215	3.262		1.46	20
1,3-Dichlorobenzene	1.739	1.775		2.07	20
1,4-Dichlorobenzene	1.785	1.818		1.85	20
n-Butylbenzene	2.975	3.047		2.42	20
1,2-Dichlorobenzene	1.657	1.703		2.78	20
1,2-Dibromo-3-Chloropropane	0.233	0.211		-9.44	20
1,2,4-Trichlorobenzene	1.077	1.037		-3.71	20
Hexachlorobutadiene	0.366	0.394		7.65	20
Naphthalene	3.279	3.090		-5.76	20
1,2,3-Trichlorobenzene	1.002	0.991		-1.1	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: Alliance Contract: ALLI03
 Lab Code: ACE SDG No.: Q3226
 Instrument ID: MSVOA_X Calibration Date/Time: 10/03/2025 09:35
 Lab File ID: VX047981.D Init. Calib. Date(s): 09/16/2025 09/16/2025
 Heated Purge: (Y/N) N Init. Calib. Time(s): 09:23 12:01
 GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
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

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 :

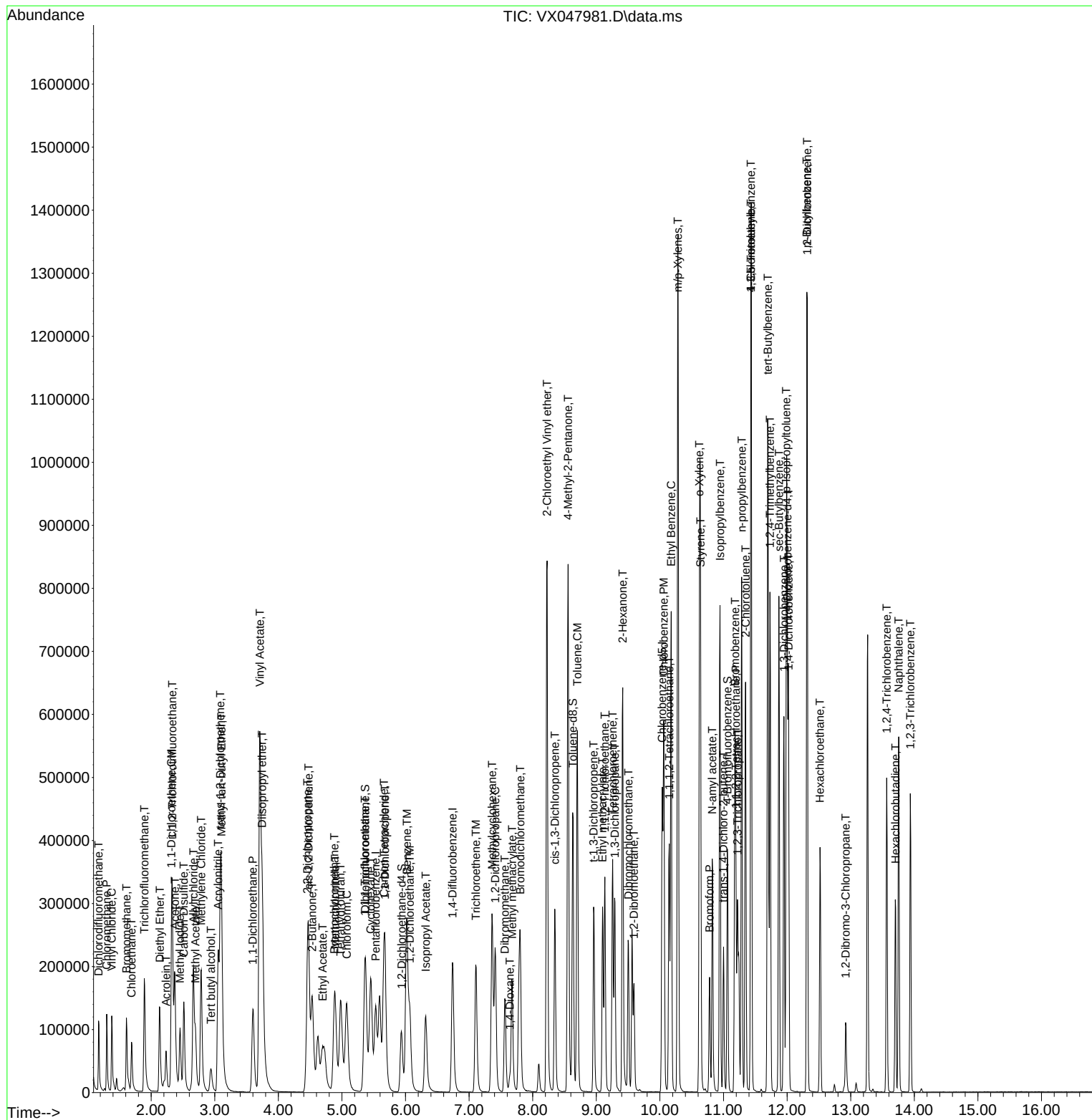
VSTDCCC050

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-ethyl 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



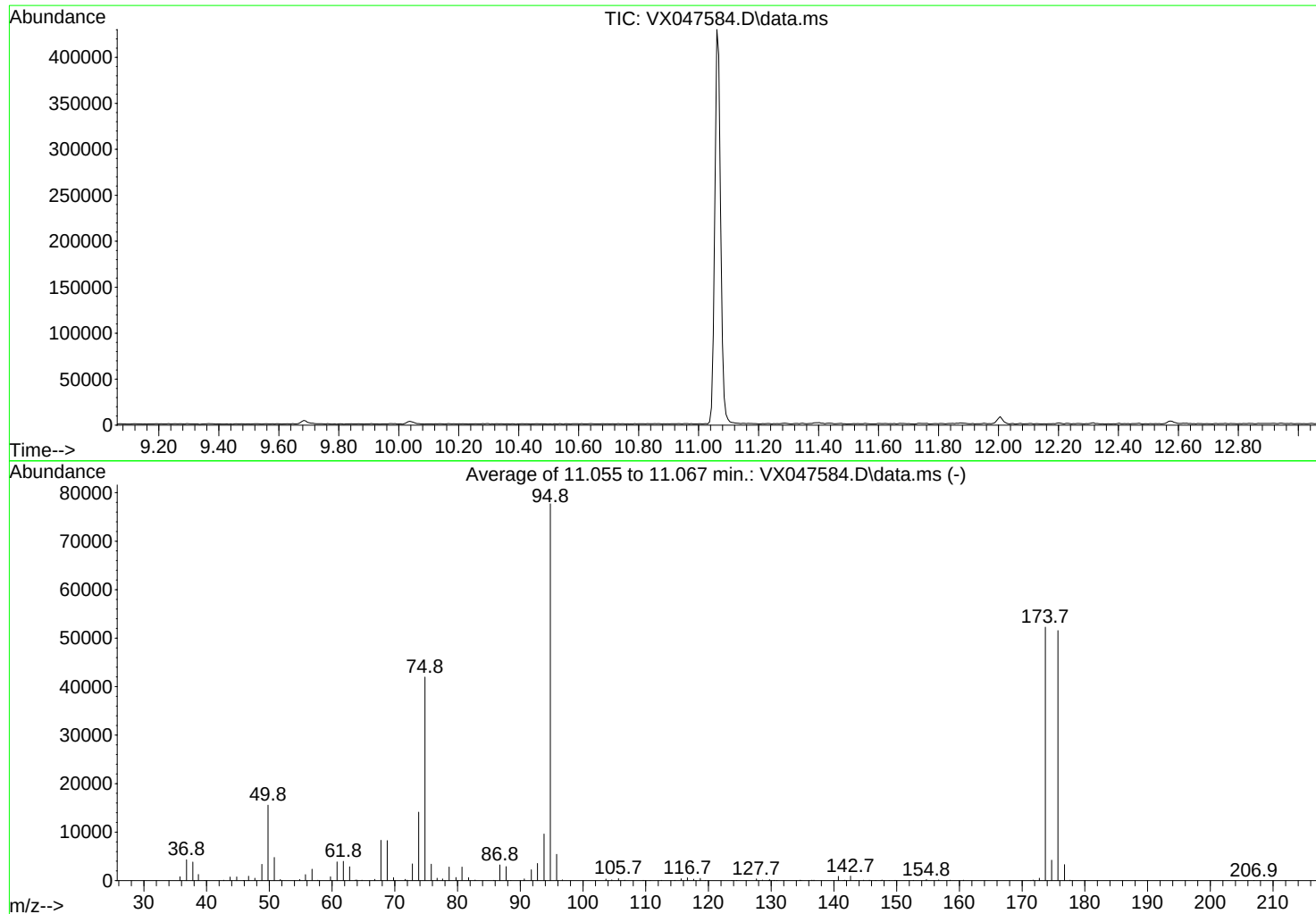
QC SAMPLE DATA

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

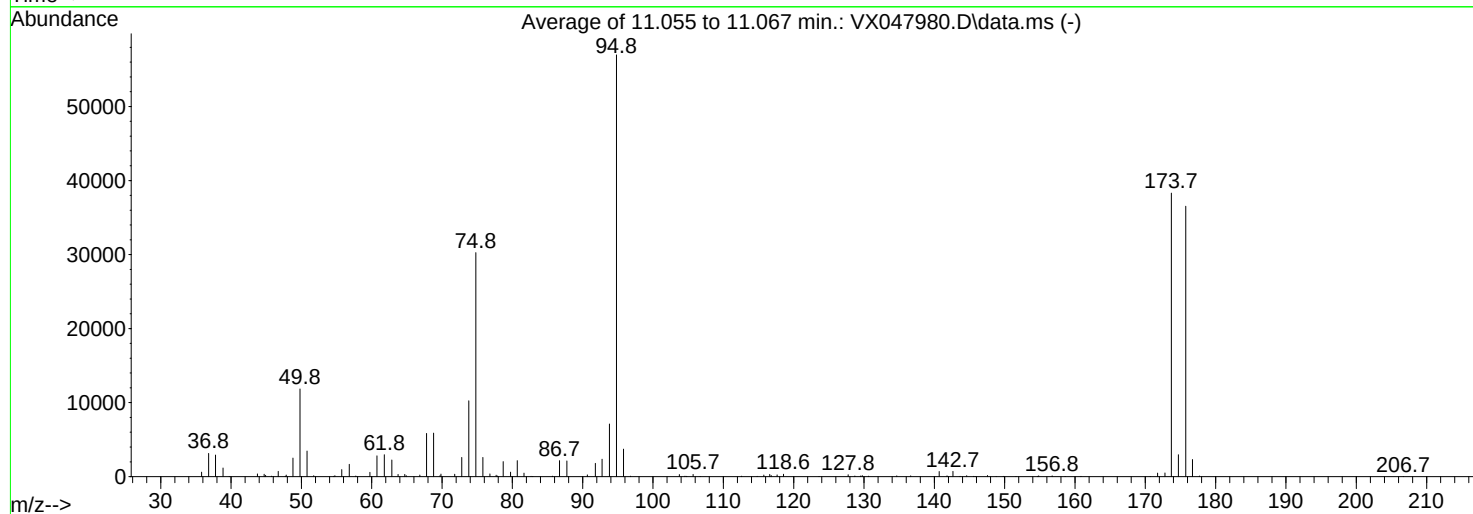
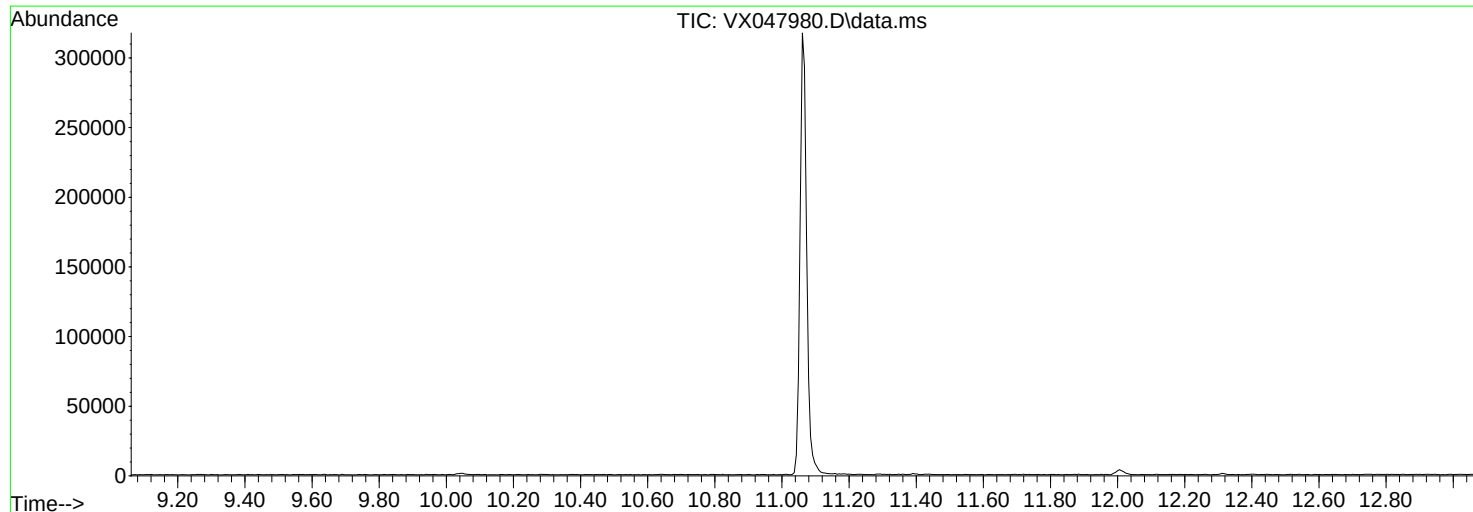
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	20.0	15566	PASS
75	95	30	60	54.0	41979	PASS
95	95	100	100	100.0	77717	PASS
96	95	5	9	7.0	5432	PASS
173	174	0.00	2	1.0	507	PASS
174	95	50	100	67.3	52275	PASS
175	174	5	9	8.1	4209	PASS
176	174	95	101	98.6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

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark	Date Collected:	
Project:	Weekly Storage Blanks	Date Received:	
Client Sample ID:	VX1003WBL01	SDG No.:	Q3226
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:	VOC- Chemtech Full
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						
75-71-8	Dichlorodifluoromethane	0.22	U	0.22	1.00	ug/L
74-87-3	Chloromethane	0.32	U	0.32	1.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
141-78-6	Ethyl Acetate	0.31	U	0.31	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	1.00	ug/L
75-65-0	Tert butyl alcohol	5.50	U	5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
107-02-8	Acrolein	7.10	U	7.10	25.0	ug/L
107-13-1	Acrylonitrile	0.83	U	0.83	5.00	ug/L
67-64-1	Acetone	1.50	U	1.50	5.00	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	0.27	U	0.27	1.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	1.00	ug/L
108-05-4	Vinyl Acetate	0.66	U	0.66	5.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	1.50	U	1.50	5.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
594-20-7	2,2-Dichloropropane	0.21	U	0.21	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	1.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	1.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
108-87-2	Methylcyclohexane	0.16	U	0.16	1.00	ug/L
563-58-6	1,1-Dichloropropene	0.15	U	0.15	1.00	ug/L

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark			Date Collected:	
Project:	Weekly Storage Blanks			Date Received:	
Client Sample ID:	VX1003WBL01			SDG No.:	Q3226
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:	VOC- Chemtech Full
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
71-43-2	Benzene	0.15	U	0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	1.00	ug/L
74-95-3	Dibromomethane	0.25	U	0.25	1.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	5.00	ug/L
108-88-3	Toluene	0.14	U	0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
142-28-9	1,3-Dichloropropane	0.19	U	0.19	1.00	ug/L
110-75-8	2-Chloroethyl Vinyl ether	0.30	U	0.30	5.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
630-20-6	1,1,1,2-Tetrachloroethane	0.19	U	0.19	1.00	ug/L
67-72-1	Hexachloroethane	0.32	U	0.32	0	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	0.24	U	0.24	2.00	ug/L
95-47-6	o-Xylene	0.12	U	0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	1.00	ug/L
98-82-8	Isopropylbenzene	0.12	U	0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
96-18-4	1,2,3-Trichloropropane	0.35	U	0.35	1.00	ug/L
108-86-1	Bromobenzene	0.24	U	0.24	1.00	ug/L
103-65-1	n-propylbenzene	0.13	U	0.13	1.00	ug/L
95-49-8	2-Chlorotoluene	0.14	U	0.14	1.00	ug/L

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark			Date Collected:	
Project:	Weekly Storage Blanks			Date Received:	
Client Sample ID:	VX1003WBL01			SDG No.:	Q3226
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:	VOC- Chemtech Full
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
108-67-8	1,3,5-Trimethylbenzene	0.15	U	0.15	1.00	ug/L
106-43-4	4-Chlorotoluene	0.13	U	0.13	1.00	ug/L
98-06-6	tert-Butylbenzene	0.14	U	0.14	1.00	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.14	U	0.14	1.00	ug/L
135-98-8	sec-Butylbenzene	0.13	U	0.13	1.00	ug/L
99-87-6	p-Isopropyltoluene	0.13	U	0.13	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
104-51-8	n-Butylbenzene	0.15	U	0.15	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
87-68-3	Hexachlorobutadiene	0.30	U	0.30	1.00	ug/L
91-20-3	Naphthalene	0.20	U	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	56.6		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			



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

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark		Date Collected:	
Project:	Weekly Storage Blanks		Date Received:	
Client Sample ID:	VX1003WBL01		SDG No.:	Q3226
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:	VOC- Chemtech Full
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
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\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%

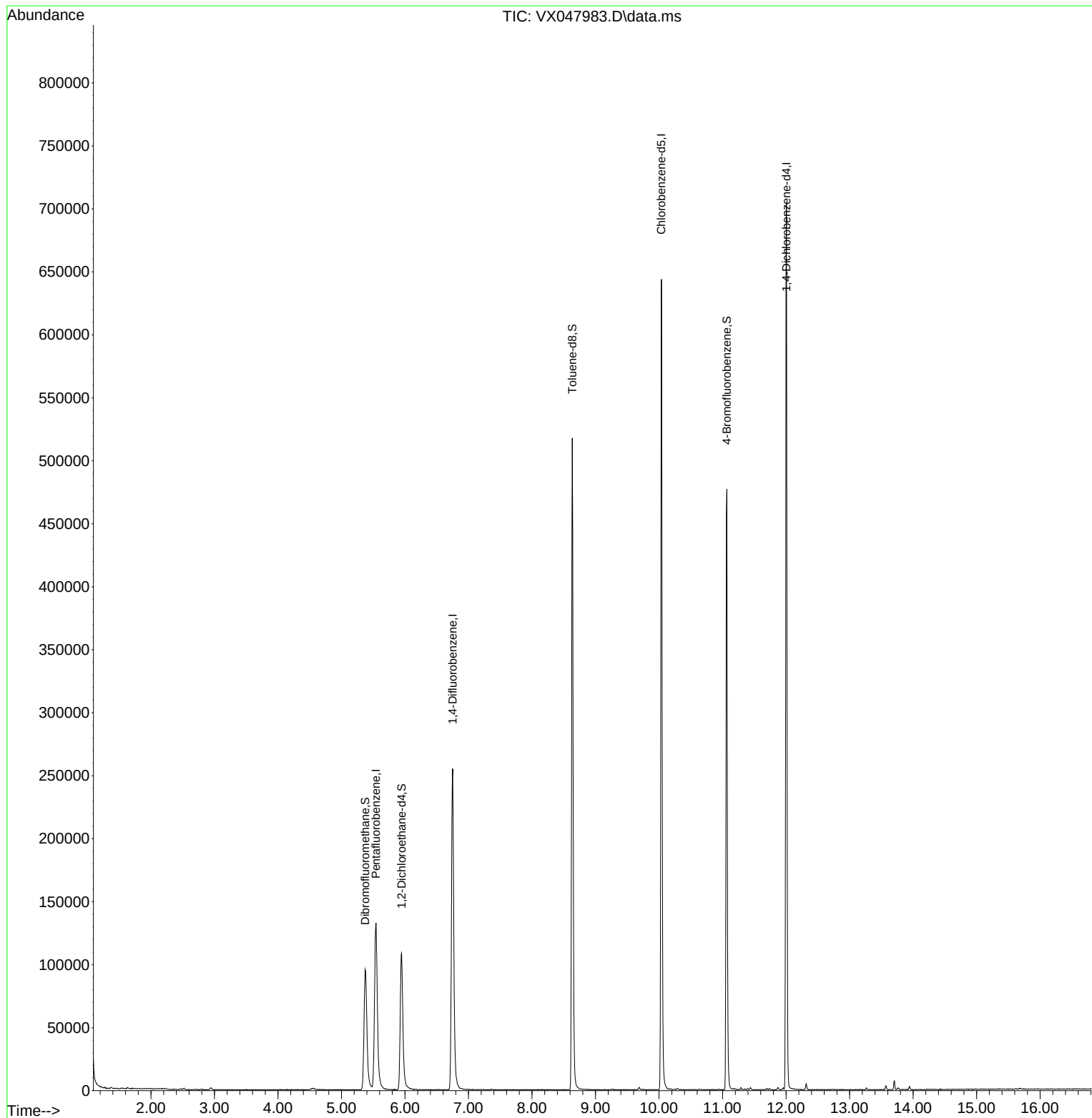
Target Compounds	Qvalue

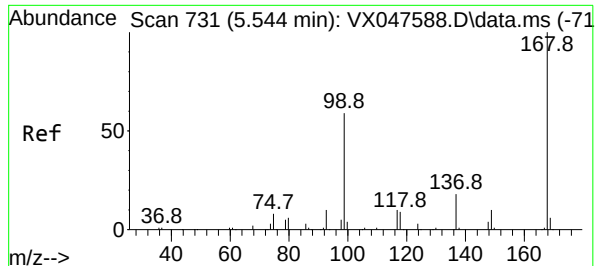
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

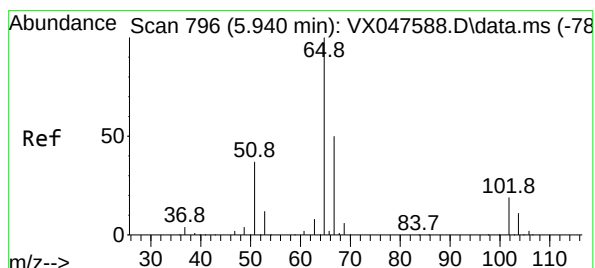
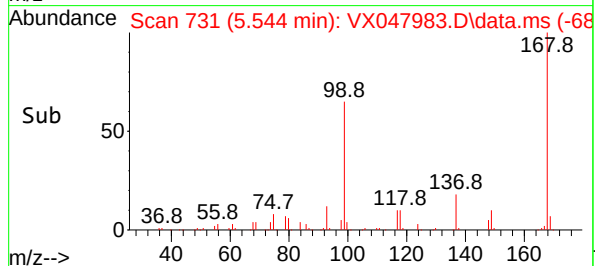
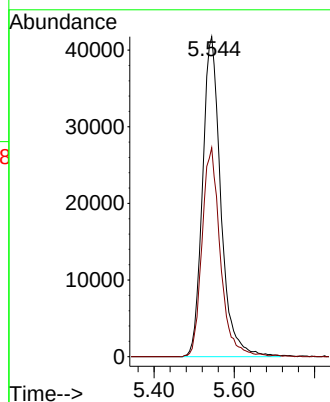
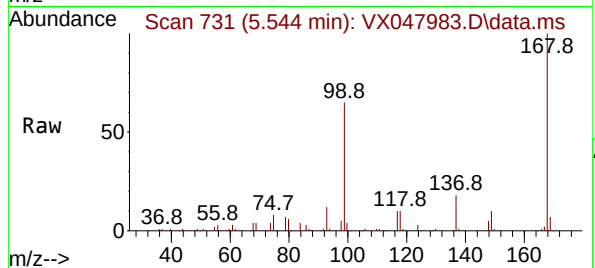




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047983.D
Acq: 03 Oct 2025 10:16

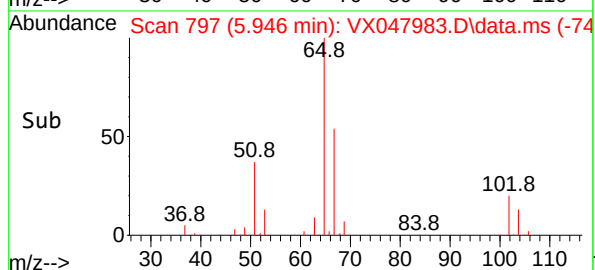
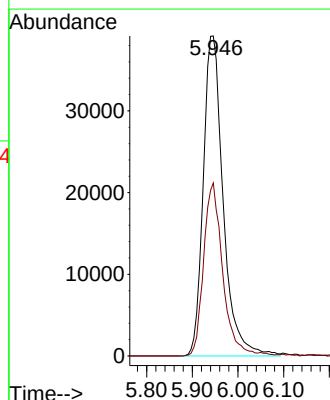
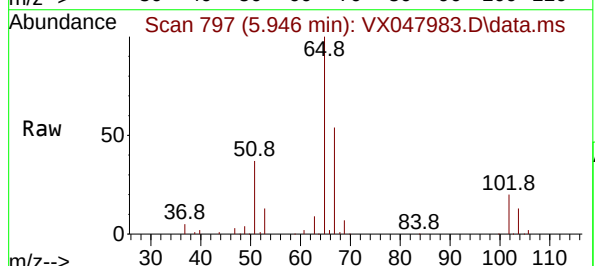
Instrument :
MSVOA_X
ClientSampleId :
VX1003WBL01

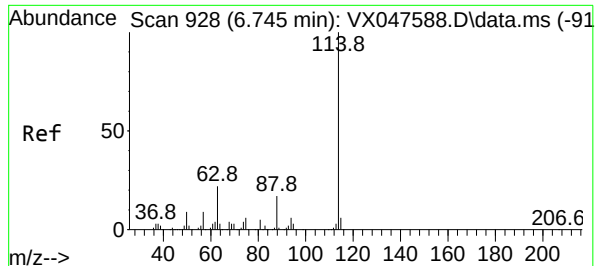
Tgt Ion:168 Resp: 132031
Ion Ratio Lower Upper
168 100
99 65.3 48.8 73.2



#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

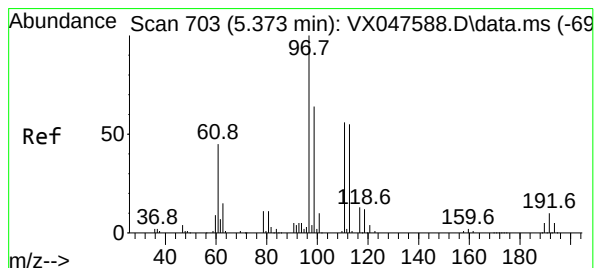
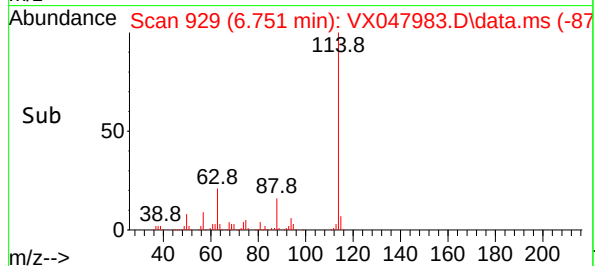
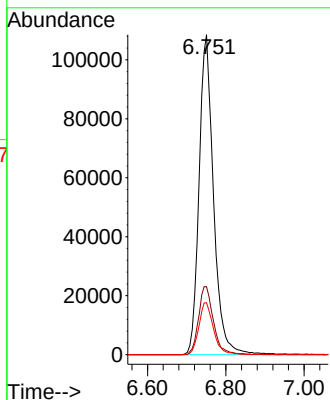
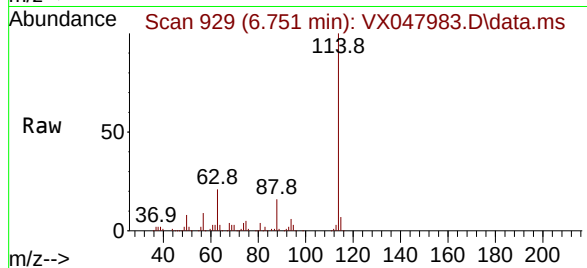
Tgt Ion:114 Resp: 278145

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

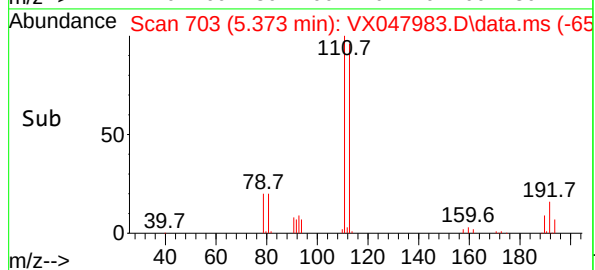
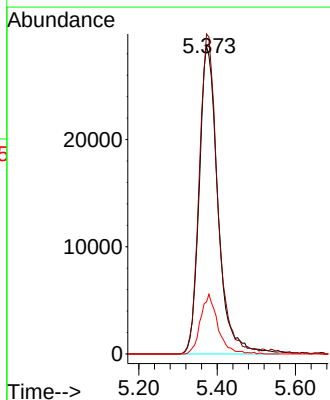
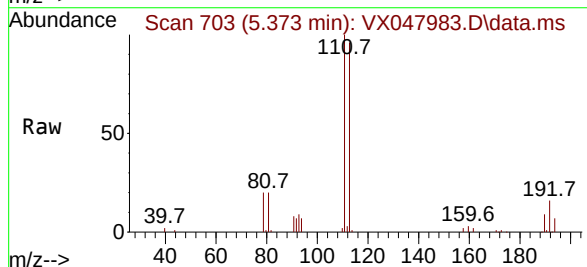
Tgt Ion:113 Resp: 95126

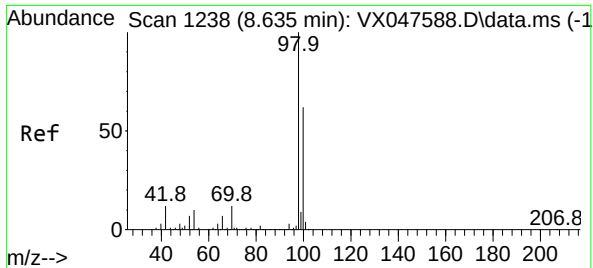
Ion Ratio Lower Upper

113 100

111 102.1 80.9 121.3

192 17.9 14.2 21.4

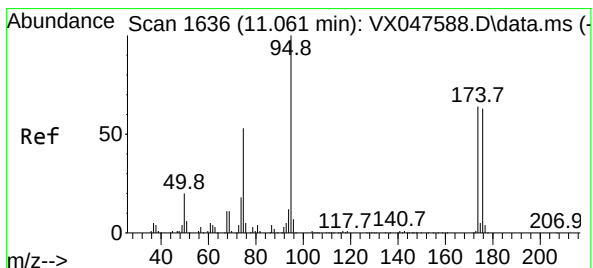
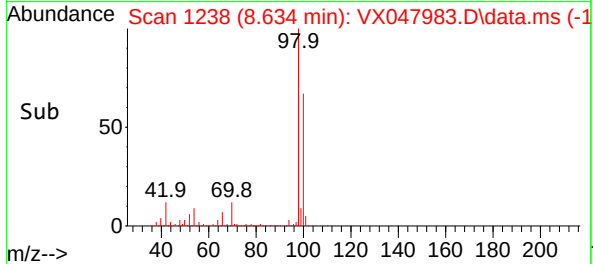
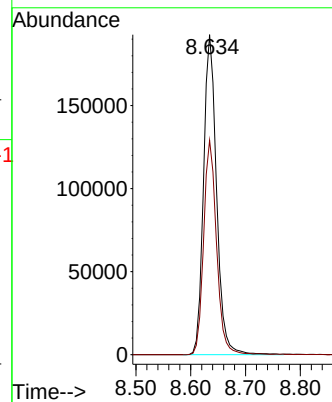
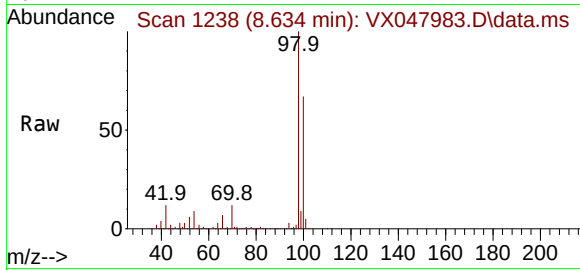




#50
Toluene-d8
Concen: 49.372 ug/l
RT: 8.634 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047983.D
Acq: 03 Oct 2025 10:16

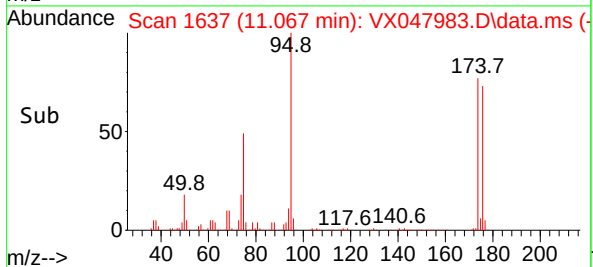
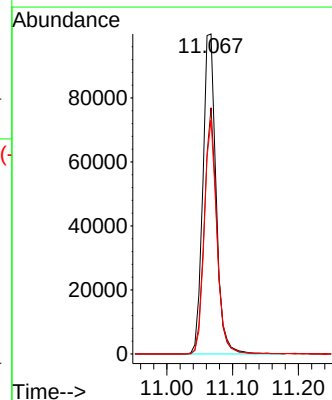
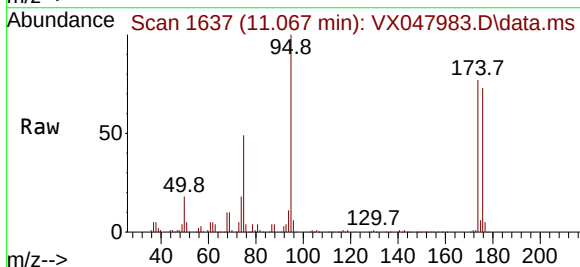
Instrument :
MSVOA_X
ClientSampleId :
VX1003WBL01

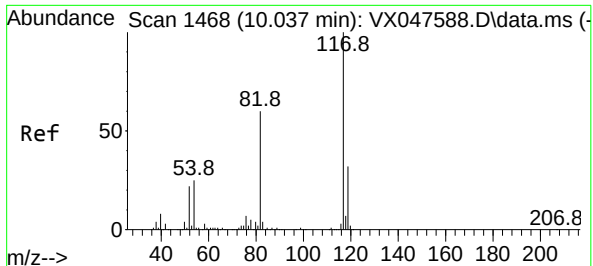
Tgt Ion: 98 Resp: 318678
Ion Ratio Lower Upper
98 100
100 66.4 53.0 79.4



#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

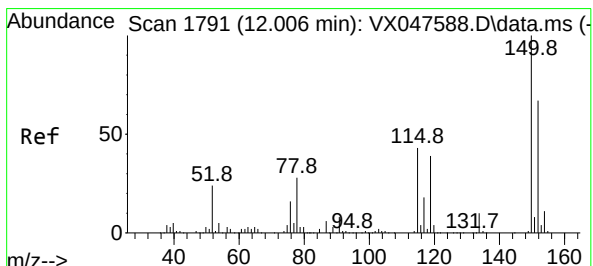
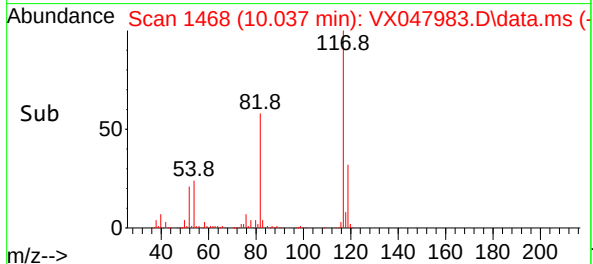
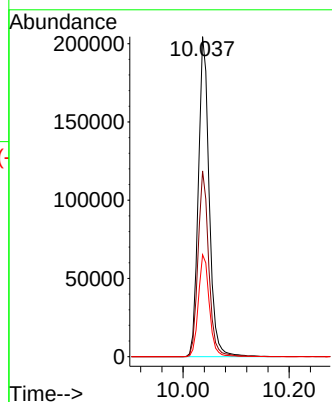
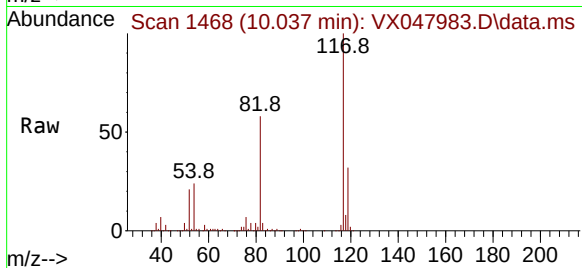
Tgt Ion:117 Resp: 290715

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

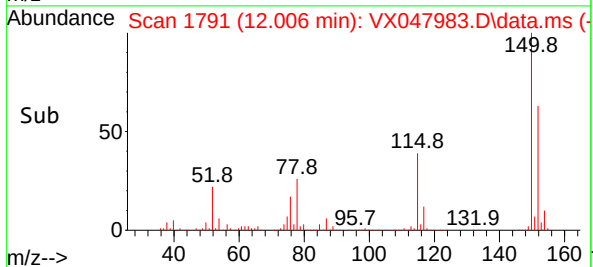
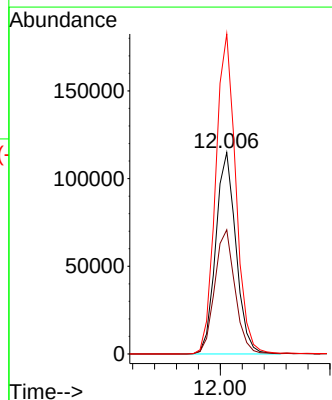
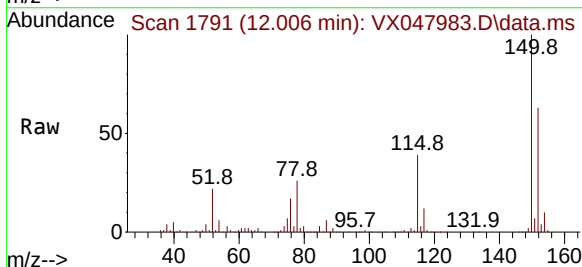
Tgt Ion:152 Resp: 147497

Ion Ratio Lower Upper

152 100

115 62.2 44.9 134.5

150 158.9 0.0 352.0



Report of Analysis

Client:	Alliance Technical Group, LLC - Newark	Date Collected:	
Project:	Weekly Storage Blanks	Date Received:	
Client Sample ID:	VX1003WBS02	SDG No.:	Q3226
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:	VOC- Chemtech Full
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						
75-71-8	Dichlorodifluoromethane	18.7		0.22	1.00	ug/L
74-87-3	Chloromethane	17.0		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	18.1		0.26	1.00	ug/L
141-78-6	Ethyl Acetate	17.8		0.31	1.00	ug/L
74-83-9	Bromomethane	20.3		1.40	5.00	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
76-13-1	1,1,2-Trichlorotrifluoroethane	19.7		0.25	1.00	ug/L
75-65-0	Tert butyl alcohol	77.9		5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	18.2		0.23	1.00	ug/L
107-02-8	Acrolein	89.3		7.10	25.0	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
1634-04-4	Methyl tert-butyl Ether	19.1		0.16	1.00	ug/L
79-20-9	Methyl Acetate	19.9		0.27	1.00	ug/L
75-09-2	Methylene Chloride	19.6		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	18.5		0.23	1.00	ug/L
108-05-4	Vinyl Acetate	94.6		0.66	5.00	ug/L
75-34-3	1,1-Dichloroethane	19.7		0.23	1.00	ug/L
110-82-7	Cyclohexane	17.0		1.50	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
594-20-7	2,2-Dichloropropane	18.0		0.21	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
108-87-2	Methylcyclohexane	17.7		0.16	1.00	ug/L
563-58-6	1,1-Dichloropropene	17.7		0.15	1.00	ug/L



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

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark		Date Collected:	
Project:	Weekly Storage Blanks		Date Received:	
Client Sample ID:	VX1003WBS02		SDG No.:	Q3226
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:	VOC- Chemtech Full
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
71-43-2	Benzene	19.6		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	20.3		0.22	1.00	ug/L
79-01-6	Trichloroethene	19.2		0.090	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
79-00-5	1,1,2-Trichloroethane	20.9		0.21	1.00	ug/L
142-28-9	1,3-Dichloropropane	21.2		0.19	1.00	ug/L
110-75-8	2-Chloroethyl Vinyl ether	110		0.30	5.00	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
67-72-1	Hexachloroethane	18.5		0.32	0	ug/L
100-41-4	Ethyl Benzene	18.7		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	37.8		0.24	2.00	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
98-82-8	Isopropylbenzene	18.3		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	19.7		0.26	1.00	ug/L
96-18-4	1,2,3-Trichloropropane	19.2		0.35	1.00	ug/L
108-86-1	Bromobenzene	18.9		0.24	1.00	ug/L
103-65-1	n-propylbenzene	18.2		0.13	1.00	ug/L
95-49-8	2-Chlorotoluene	18.5		0.14	1.00	ug/L

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark			Date Collected:	
Project:	Weekly Storage Blanks			Date Received:	
Client Sample ID:	VX1003WBS02			SDG No.:	Q3226
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:	VOC- Chemtech Full
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
108-67-8	1,3,5-Trimethylbenzene	18.5		0.15	1.00	ug/L
106-43-4	4-Chlorotoluene	18.5		0.13	1.00	ug/L
98-06-6	tert-Butylbenzene	18.4		0.14	1.00	ug/L
95-63-6	1,2,4-Trimethylbenzene	18.4		0.14	1.00	ug/L
135-98-8	sec-Butylbenzene	18.7		0.13	1.00	ug/L
99-87-6	p-Isopropyltoluene	18.5		0.13	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	18.9		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	18.8		0.19	1.00	ug/L
104-51-8	n-Butylbenzene	18.3		0.15	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
120-82-1	1,2,4-Trichlorobenzene	17.5		0.20	1.00	ug/L
87-68-3	Hexachlorobutadiene	19.3		0.30	1.00	ug/L
91-20-3	Naphthalene	16.2		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	17.7		0.20	1.00	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			



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

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark		Date Collected:	
Project:	Weekly Storage Blanks		Date Received:	
Client Sample ID:	VX1003WBS02		SDG No.:	Q3226
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:	VOC- Chemtech Full
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
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\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

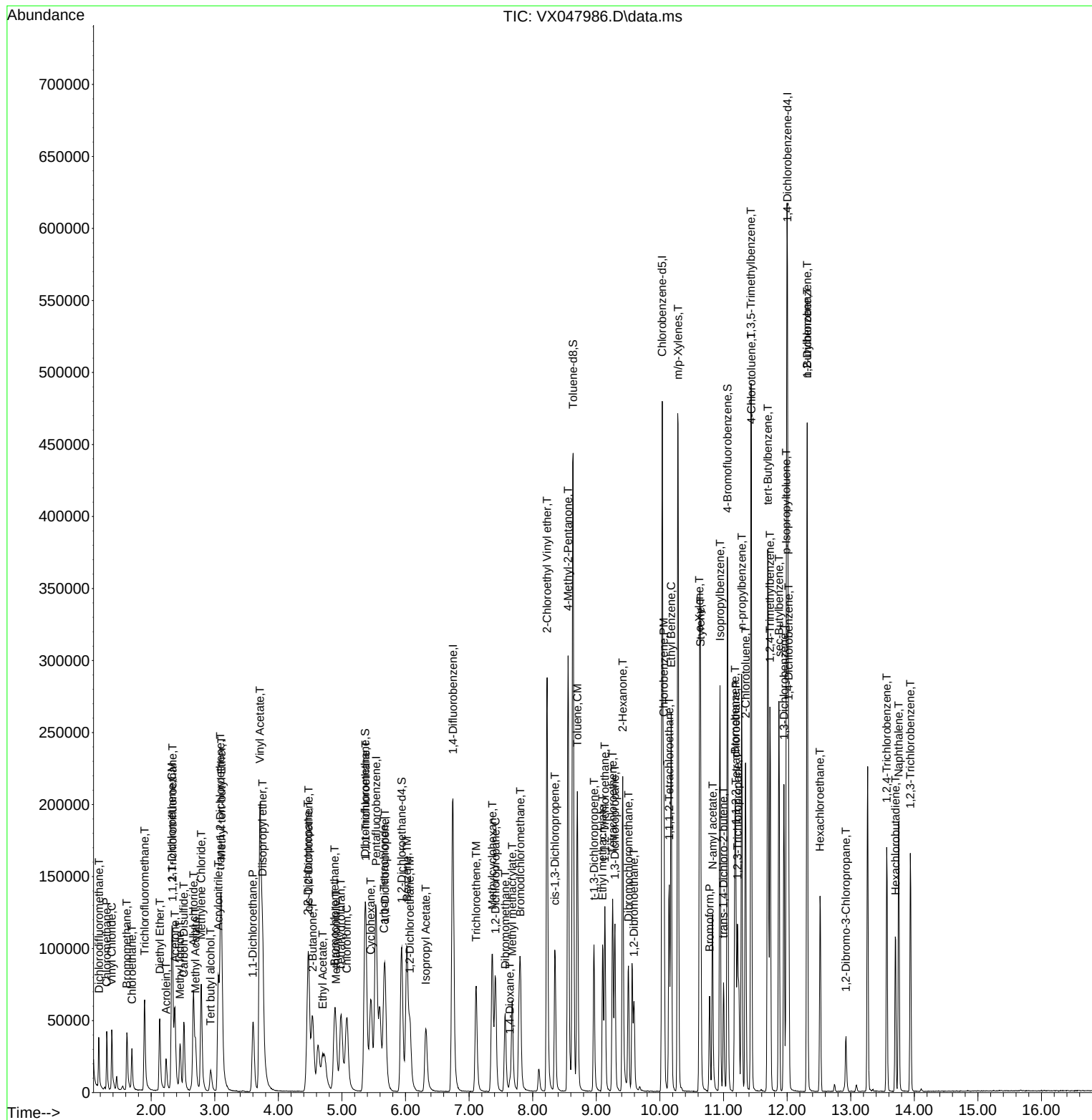
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100325\
Data File : VX047986.D
Acq On : 03 Oct 2025 12:22
Operator : JC/MD
Sample : VX1003WBS02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1003WBS02

Manual Integrations

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:	Alliance Technical Group, LLC - Newark			Date Collected:	
Project:	Weekly Storage Blanks			Date Received:	
Client Sample ID:	VX1003WBSD02			SDG No.:	Q3226
Lab Sample ID:	VX1003WBSD02			Matrix:	Water
Analytical Method:	8260D			% Solid:	0
Sample Wt/Vol:	5	Units:	mL	Final Vol:	5000 uL
Soil Aliquot Vol:			uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI	ID :	0.18	Level :	LOW
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX048003.D	1	10/03/25 18:20	VX100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	19.0		0.22	1.00	ug/L
74-87-3	Chloromethane	16.5		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	18.0		0.26	1.00	ug/L
141-78-6	Ethyl Acetate	18.4		0.31	1.00	ug/L
74-83-9	Bromomethane	18.2		1.40	5.00	ug/L
75-00-3	Chloroethane	18.1		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	19.1		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	19.8		0.25	1.00	ug/L
75-65-0	Tert butyl alcohol	95.4		5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	18.5		0.23	1.00	ug/L
107-02-8	Acrolein	76.9		7.10	25.0	ug/L
107-13-1	Acrylonitrile	100		0.83	5.00	ug/L
67-64-1	Acetone	78.6		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	16.3		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	18.1		0.16	1.00	ug/L
79-20-9	Methyl Acetate	21.1		0.27	1.00	ug/L
75-09-2	Methylene Chloride	18.8		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	18.4		0.23	1.00	ug/L
108-05-4	Vinyl Acetate	90.5		0.66	5.00	ug/L
75-34-3	1,1-Dichloroethane	18.7		0.23	1.00	ug/L
110-82-7	Cyclohexane	16.7		1.50	5.00	ug/L
78-93-3	2-Butanone	92.4		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	18.5		0.25	1.00	ug/L
594-20-7	2,2-Dichloropropane	15.5		0.21	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	18.6		0.19	1.00	ug/L
74-97-5	Bromochloromethane	18.4		0.22	1.00	ug/L
67-66-3	Chloroform	19.5		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	19.0		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	16.6		0.16	1.00	ug/L
563-58-6	1,1-Dichloropropene	17.6		0.15	1.00	ug/L

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark		Date Collected:	
Project:	Weekly Storage Blanks		Date Received:	
Client Sample ID:	VX1003WBSD02		SDG No.:	Q3226
Lab Sample ID:	VX1003WBSD02		Matrix:	Water
Analytical Method:	8260D		% Solid:	0
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:		uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI	ID : 0.18	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX048003.D	1	10/03/25 18:20	VX100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
71-43-2	Benzene	18.5		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	18.7		0.22	1.00	ug/L
79-01-6	Trichloroethene	18.6		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	18.9		0.20	1.00	ug/L
74-95-3	Dibromomethane	18.8		0.25	1.00	ug/L
75-27-4	Bromodichloromethane	19.4		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	100		0.68	5.00	ug/L
108-88-3	Toluene	18.8		0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	17.3		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	17.8		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	19.8		0.21	1.00	ug/L
142-28-9	1,3-Dichloropropane	19.8		0.19	1.00	ug/L
110-75-8	2-Chloroethyl Vinyl ether	98.7		0.30	5.00	ug/L
591-78-6	2-Hexanone	96.7		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	19.7		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	19.8		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	17.8		0.23	1.00	ug/L
108-90-7	Chlorobenzene	18.0		0.12	1.00	ug/L
630-20-6	1,1,1,2-Tetrachloroethane	18.3		0.19	1.00	ug/L
67-72-1	Hexachloroethane	16.9		0.32	0	ug/L
100-41-4	Ethyl Benzene	17.5		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	35.4		0.24	2.00	ug/L
95-47-6	o-Xylene	17.4		0.12	1.00	ug/L
100-42-5	Styrene	17.8		0.15	1.00	ug/L
75-25-2	Bromoform	18.5		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	16.0		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	17.8		0.26	1.00	ug/L
96-18-4	1,2,3-Trichloropropane	17.6		0.35	1.00	ug/L
108-86-1	Bromobenzene	16.8		0.24	1.00	ug/L
103-65-1	n-propylbenzene	16.3		0.13	1.00	ug/L
95-49-8	2-Chlorotoluene	16.1		0.14	1.00	ug/L

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark			Date Collected:	
Project:	Weekly Storage Blanks			Date Received:	
Client Sample ID:	VX1003WBSD02			SDG No.:	Q3226
Lab Sample ID:	VX1003WBSD02			Matrix:	Water
Analytical Method:	8260D			% Solid:	0
Sample Wt/Vol:	5	Units:	mL	Final Vol:	5000 uL
Soil Aliquot Vol:			uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI	ID :	0.18	Level :	LOW
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX048003.D	1	10/03/25 18:20	VX100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-67-8	1,3,5-Trimethylbenzene	16.2		0.15	1.00	ug/L
106-43-4	4-Chlorotoluene	16.5		0.13	1.00	ug/L
98-06-6	tert-Butylbenzene	15.8		0.14	1.00	ug/L
95-63-6	1,2,4-Trimethylbenzene	16.1		0.14	1.00	ug/L
135-98-8	sec-Butylbenzene	16.3		0.13	1.00	ug/L
99-87-6	p-Isopropyltoluene	16.0		0.13	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	16.4		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	16.4		0.19	1.00	ug/L
104-51-8	n-Butylbenzene	15.7		0.15	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	16.7		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	16.6		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	15.0		0.20	1.00	ug/L
87-68-3	Hexachlorobutadiene	15.1		0.30	1.00	ug/L
91-20-3	Naphthalene	14.8		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	15.6		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.9		74 - 125	108%	SPK: 50
1868-53-7	Dibromofluoromethane	54.8		75 - 124	110%	SPK: 50
2037-26-5	Toluene-d8	53.1		86 - 113	106%	SPK: 50
460-00-4	4-Bromofluorobenzene	56.0		77 - 121	112%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	151000	5.544			
540-36-3	1,4-Difluorobenzene	270000	6.745			
3114-55-4	Chlorobenzene-d5	255000	10.037			
3855-82-1	1,4-Dichlorobenzene-d4	134000	12.006			

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark			Date Collected:	
Project:	Weekly Storage Blanks			Date Received:	
Client Sample ID:	VX1003WBSD02			SDG No.:	Q3226
Lab Sample ID:	VX1003WBSD02			Matrix:	Water
Analytical Method:	8260D			% Solid:	0
Sample Wt/Vol:	5	Units:	mL	Final Vol:	5000 uL
Soil Aliquot Vol:			uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI	ID :	0.18	Level :	LOW
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX048003.D	1	10/03/25 18:20	VX100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100325\
 Data File : VX048003.D
 Acq On : 03 Oct 2025 18:20
 Operator : JC/MD
 Sample : VX1003WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1003WBSD02

Manual Integrations
 APPROVED

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

Quant Time: Oct 03 23:53:49 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	150681	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	269838	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	254737	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	134054	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	129385	53.945	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.880%			
35) Dibromofluoromethane	5.373	113	99198	54.815	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.640%			
50) Toluene-d8	8.634	98	332776	53.143	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 106.280%			
62) 4-Bromofluorobenzene	11.061	95	133109	56.011	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 112.020%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	29623	18.985	ug/l	100
3) Chloromethane	1.300	50	33906	16.534	ug/l	99
4) Vinyl Chloride	1.380	62	36132	17.999	ug/l	96
5) Bromomethane	1.617	94	23167	18.200	ug/l	97
6) Chloroethane	1.697	64	24320	18.127	ug/l	96
7) Trichlorofluoromethane	1.898	101	56971	19.114	ug/l	99
8) Diethyl Ether	2.136	74	22344	18.326	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.337	101	34568	19.834	ug/l	97
10) Methyl Iodide	2.459	142	37068	13.637	ug/l	99
11) Tert butyl alcohol	2.946	59	25494	95.439	ug/l	95
12) 1,1-Dichloroethene	2.325	96	33191	18.540	ug/l	97
13) Acrolein	2.239	56	18929	76.897	ug/l	96
14) Allyl chloride	2.666	41	62437	16.901	ug/l	98
15) Acrylonitrile	3.062	53	99560	100.622	ug/l	99
16) Acetone	2.380	43	81937	78.570	ug/l	98
17) Carbon Disulfide	2.520	76	79658	16.253	ug/l	98
18) Methyl Acetate	2.703	43	48946	21.089	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	118224	18.090	ug/l	99
20) Methylene Chloride	2.794	84	41398	18.754	ug/l	89
21) trans-1,2-Dichloroethene	3.093	96	35430	18.382	ug/l	96
22) Diisopropyl ether	3.751	45	135824	18.971	ug/l #	80
23) Vinyl Acetate	3.715	43	518725	90.527	ug/l	100
24) 1,1-Dichloroethane	3.605	63	71247	18.723	ug/l	98
25) 2-Butanone	4.550	43	120254	92.444	ug/l	98
26) 2,2-Dichloropropane	4.471	77	49182	15.548	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	43854	18.579	ug/l	97
28) Bromochloromethane	4.897	49	30585	18.410	ug/l	98
29) Tetrahydrofuran	4.995	42	75690	96.722	ug/l	99
30) Chloroform	5.080	83	74869	19.470	ug/l	99
31) Cyclohexane	5.464	56	53028	16.731	ug/l	96
32) 1,1,1-Trichloroethane	5.373	97	62041	19.021	ug/l	99
36) 1,1-Dichloropropene	5.684	75	46513	17.589	ug/l	99
37) Ethyl Acetate	4.708	43	52138	18.414	ug/l	97
38) Carbon Tetrachloride	5.665	117	53241	18.531	ug/l	98
39) Methylcyclohexane	7.366	83	49770	16.581	ug/l	99
40) Benzene	6.025	78	148822	18.529	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100325\
 Data File : VX048003.D
 Acq On : 03 Oct 2025 18:20
 Operator : JC/MD
 Sample : VX1003WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1003WBSD02

Manual Integrations
 APPROVED

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

Quant Time: Oct 03 23:53:49 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	28415	19.440	ug/l	98
42) 1,2-Dichloroethane	6.074	62	57244	18.732	ug/l	99
43) Isopropyl Acetate	6.330	43	83676	18.020	ug/l	100
44) Trichloroethene	7.110	130	36025	18.553	ug/l	94
45) 1,2-Dichloropropane	7.415	63	38965	18.946	ug/l	98
46) Dibromomethane	7.568	93	28138	18.801	ug/l	97
47) Bromodichloromethane	7.805	83	59950	19.412	ug/l	97
48) Methyl methacrylate	7.677	41	41458	17.924	ug/l	98
49) 1,4-Dioxane	7.647	88	10147	434.083	ug/l	93
51) 4-Methyl-2-Pentanone	8.561	43	259786	100.902	ug/l	98
52) Toluene	8.702	92	92947	18.784	ug/l	99
53) t-1,3-Dichloropropene	8.964	75	54503	17.302	ug/l	97
54) cis-1,3-Dichloropropene	8.354	75	59834	17.771	ug/l	97
55) 1,1,2-Trichloroethane	9.140	97	37749	19.784	ug/l	99
56) Ethyl methacrylate	9.104	69	54144	18.069	ug/l	99
57) 1,3-Dichloropropane	9.293	76	65048	19.846	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.226	63	131137	98.713	ug/l	100
59) 2-Hexanone	9.415	43	178818	96.705	ug/l	100
60) Dibromochloromethane	9.506	129	43270	19.682	ug/l	96
61) 1,2-Dibromoethane	9.592	107	38541	19.832	ug/l	98
64) Tetrachloroethene	9.256	164	29527	17.781	ug/l	96
65) Chlorobenzene	10.061	112	103921	17.957	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.146	131	36593	18.324	ug/l	99
67) Ethyl Benzene	10.177	91	174251	17.451	ug/l	100
68) m/p-Xylenes	10.287	106	131463	35.372	ug/l	98
69) o-Xylene	10.628	106	62724	17.448	ug/l	100
70) Styrene	10.640	104	111801	17.750	ug/l	98
71) Bromoform	10.780	173	27597	18.507	ug/l #	99
73) Isopropylbenzene	10.945	105	162826	15.976	ug/l	98
74) N-amyl acetate	10.829	43	71828	15.455	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	54799	17.772	ug/l	98
76) 1,2,3-Trichloropropane	11.219	75	47828m	17.622	ug/l	
77) Bromobenzene	11.183	156	42225	16.822	ug/l	95
78) n-propylbenzene	11.286	91	196303	16.294	ug/l	100
79) 2-Chlorotoluene	11.347	91	118759	16.094	ug/l	98
80) 1,3,5-Trimethylbenzene	11.433	105	135380	16.168	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.000	75	15104	14.191	ug/l	98
82) 4-Chlorotoluene	11.439	91	143703	16.489	ug/l	99
83) tert-Butylbenzene	11.695	119	135755	15.838	ug/l	98
84) 1,2,4-Trimethylbenzene	11.731	105	136542	16.084	ug/l	99
85) sec-Butylbenzene	11.872	105	165665	16.271	ug/l	100
86) p-Isopropyltoluene	11.994	119	137539	15.957	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	76577	16.425	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	78618	16.429	ug/l	100
89) n-Butylbenzene	12.317	91	125001	15.673	ug/l	98
90) Hexachloroethane	12.518	117	25632	16.938	ug/l	95
91) 1,2-Dichlorobenzene	12.317	146	74218	16.709	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	10358	16.592	ug/l	99
93) 1,2,4-Trichlorobenzene	13.567	180	43327	15.009	ug/l	100
94) Hexachlorobutadiene	13.707	225	14826	15.120	ug/l	99
95) Naphthalene	13.756	128	129687	14.753	ug/l	100
96) 1,2,3-Trichlorobenzene	13.938	180	41894	15.601	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100325\
Data File : VX048003.D
Acq On : 03 Oct 2025 18:20
Operator : JC/MD
Sample : VX1003WBSD02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1003WBSD02

Manual Integrations
APPROVED

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

Quant Time: Oct 03 23:53:49 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

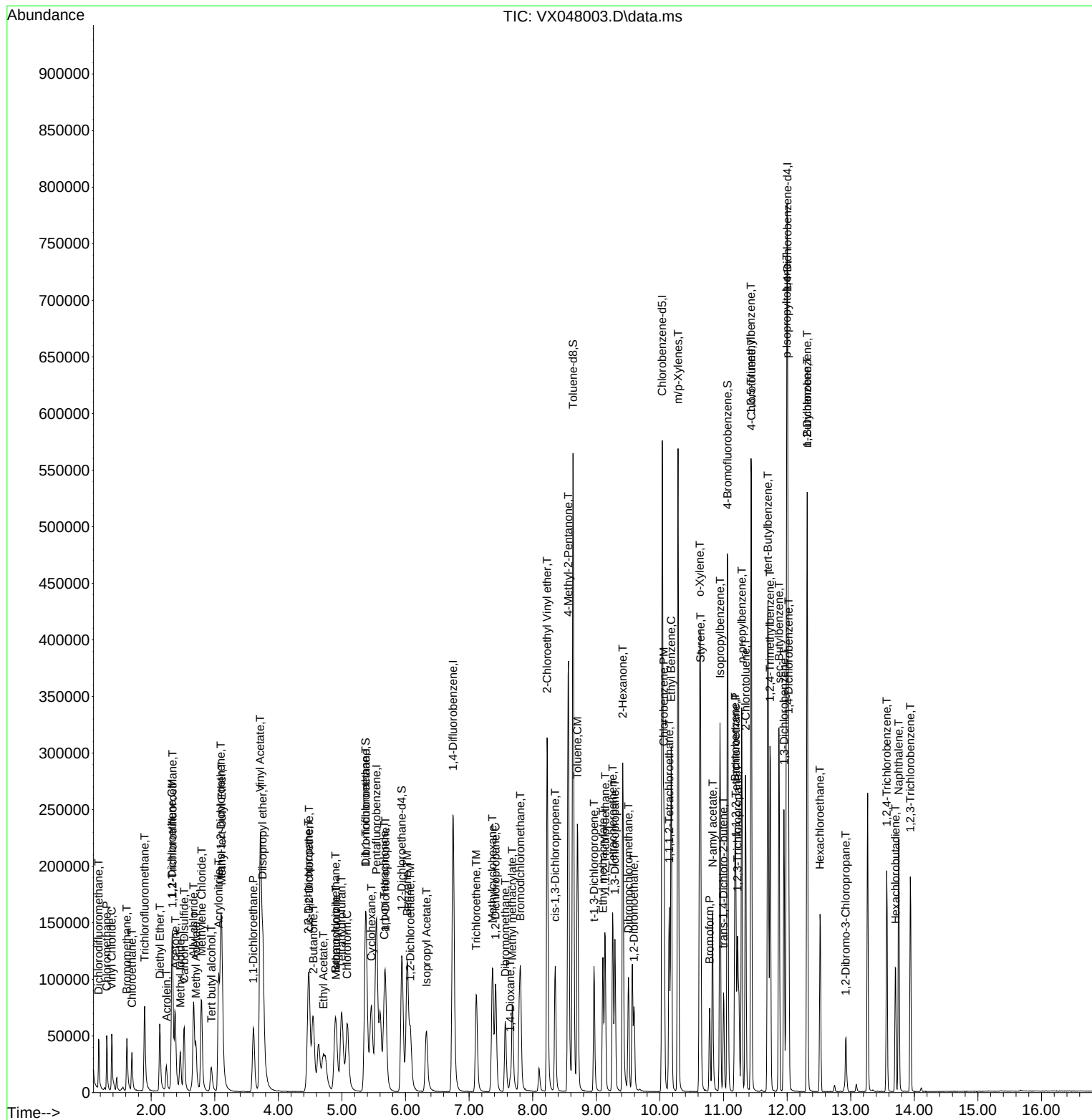
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100325\
Data File : VX048003.D
Acq On : 03 Oct 2025 18:20
Operator : JC/MD
Sample : VX1003WBSD02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1003WBSD02

Manual Integrations
APPROVED

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

Quant Time: Oct 03 23:53:49 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

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
VX1003WBSD02	VX048003.D	1,2,3-Trichloropropane	MMDadoda	10/6/2025 4:25:28 AM	SAM	10/6/2025 4:30:26 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

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	Q3194-15	VX047987.D	03 Oct 2025 12:49	JC/MD	Not Ok
9	Q3193-19	VX047988.D	03 Oct 2025 13:09	JC/MD	Not 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	Q3202-01RE	VX047991.D	03 Oct 2025 14:11	JC/MD	Confirms
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	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		

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 # VX091625

Review By	John Carlone	Review On	9/17/2025 8:27:00 AM
Supervise By	Mahesh 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	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	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	Q3194-15	EB05-20250924	VX047987.D	03 Oct 2025 12:49	Not match	JC/MD	Not Ok
9	Q3193-19	EB04-20250923	VX047988.D	03 Oct 2025 13:09	Not match	JC/MD	Not 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	Q3202-01RE	SY-6RE	VX047991.D	03 Oct 2025 14:11	vial B pH<2 BSD failed Low	JC/MD	Confirms
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-GW-2025	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



PERCENT SOLID

Supervisor: Iwona
Analyst: rubina
Date: 9/29/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:25
In Date: 09/26/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN #1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 09:20
Out Date: 09/27/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB137341

Lab ID	Client SampleID	Dish #	Dish Wt (g) (A)	Sample Wt (g)	Dish + Sample Wt (g) (B)	Dish+Dry Sample Wt (g) (C)	% Solid	Comments
Q3215-01	WASTE	1	1.18	10.23	11.41	10.44	90.5	
Q3216-01	WASTE	2	1.19	10.62	11.81	10.67	89.3	
Q3216-02	VOC	3	1.19	10.50	11.69	10.44	88.1	
Q3216-03	1	4	1.16	10.34	11.5	10.53	90.6	
Q3216-04	2	5	1.16	10.69	11.85	10.81	90.3	
Q3216-05	3	6	1.15	10.36	11.51	10.5	90.3	
Q3216-06	4	7	1.18	10.51	11.69	10.72	90.8	
Q3216-07	5	8	1.19	10.41	11.6	10.52	89.6	
Q3220-01	OR-03-092625	9	1.18	10.87	12.05	10.76	88.1	
Q3220-02	OR-03-092625-E2	10	1.16	10.65	11.81	10.54	88.1	
Q3221-01	HD-01-092625	11	1.13	10.49	11.62	10.53	89.6	
Q3221-02	HD-01-092625-E2	12	1.18	10.45	11.63	10.18	86.1	
Q3222-01	SU-03-092625	13	1.19	10.31	11.5	10.46	89.9	
Q3222-02	SU-03-092625-E2	14	1.13	10.77	11.9	10.77	89.5	
Q3223-01	917	15	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q3223-02	917-A	16	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q3223-03	2027	17	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q3223-04	2028	18	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q3224-01	60159	19	1.00	1.00	2.00	2.00	100.0	oil sample
Q3225-01	60052	20	1.00	1.00	2.00	2.00	100.0	oil sample
Q3226-05	SVOC-GPC-BLANK	21	1.00	1.00	2.00	2.00	100.0	
Q3226-06	PEST-GPC-BLANK	22	1.00	1.00	2.00	2.00	100.0	
Q3226-07	PEST-GPC-BLANK-SPIKE	23	1.00	1.00	2.00	2.00	100.0	
Q3226-09	PEST-GPC2-BLANK	24	1.00	1.00	2.00	2.00	100.0	
Q3226-10	PEST -GPC2-BLANK-SPIKE	25	1.00	1.00	2.00	2.00	100.0	
Q3230-01	WALL-PROBE-BRICK-1	26	1.14	10.40	11.54	9.81	83.4	
Q3231-01	WC-1	27	1.12	10.62	11.74	10.08	84.4	
Q3231-02	WC-1-EPH	28	1.14	10.31	11.45	10.04	86.3	



PERCENT SOLID

Supervisor: Iwona
Analyst: rubina
Date: 9/29/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:25
In Date: 09/26/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN #1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 09:20
Out Date: 09/27/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB137341

Lab ID	Client SampleID	Dish #	Dish Wt (g) (A)	Sample Wt (g)	Dish + Sample Wt (g) (B)	Dish+Dry Sample Wt (g) (C)	% Solid	Comments
Q3231-03	WC-1-VOC	29	1.12	11.52	12.64	10.63	82.6	
Q3231-05	WC-2	30	1.19	10.17	11.36	9.7	83.7	
Q3231-06	WC-2-EPH	31	1.18	10.31	11.49	9.78	83.4	
Q3231-07	WC-2-VOC	32	1.19	10.83	12.02	10.37	84.8	
Q3231-09	WC-3	33	1.15	10.00	11.15	9.88	87.3	
Q3231-10	WC-3-EPH	34	1.16	10.34	11.5	10.15	86.9	
Q3231-11	WC-3-VOC	35	1.17	11.06	12.23	10.57	85.0	
Q3231-13	WC-4	36	1.16	10.79	11.95	10.81	89.4	
Q3231-14	WC-4-EPH	37	1.13	11.90	13.03	10.87	81.8	
Q3231-15	WC-4-VOC	38	1.14	11.74	12.88	11.3	86.5	
Q3232-01	CONC-1	39	1.00	1.00	2.00	2.00	100.0	Concrete sample
Q3233-01	0926-01	40	1.18	11.05	12.23	12.11	98.9	

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

WORKLIST(Hardcopy Internal Chain)

89 137341

WorkList Name : %1-092625

WorkList ID : 192106

Department : Wet-Chemistry

Date : 09-26-2025 08:04:06

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3215-01	WASTE	Solid	Percent Solids	Cool 4 deg C	SCIA01	J41	09/25/2025	Chemtech -SO
Q3216-01	WASTE	Solid	Percent Solids	Cool 4 deg C	SCIA01	J41	09/25/2025	Chemtech -SO
Q3216-02	VOC	Solid	Percent Solids	Cool 4 deg C	SCIA01	J41	09/25/2025	Chemtech -SO
Q3216-03	1	Solid	Percent Solids	Cool 4 deg C	SCIA01	J41	09/25/2025	Chemtech -SO
Q3216-04	2	Solid	Percent Solids	Cool 4 deg C	SCIA01	J41	09/25/2025	Chemtech -SO
Q3216-05	3	Solid	Percent Solids	Cool 4 deg C	SCIA01	J41	09/25/2025	Chemtech -SO
Q3216-06	4	Solid	Percent Solids	Cool 4 deg C	SCIA01	J41	09/25/2025	Chemtech -SO
Q3216-07	5	Solid	Percent Solids	Cool 4 deg C	SCIA01	J41	09/25/2025	Chemtech -SO
Q3220-01	OR-03-092625	Solid	Percent Solids	Cool 4 deg C	SCIA01	J41	09/25/2025	Chemtech -SO
Q3220-02	OR-03-092625-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	D31	09/26/2025	Chemtech -SO
Q3221-01	HD-01-092625	Solid	Percent Solids	Cool 4 deg C	PSEG05	D31	09/26/2025	Chemtech -SO
Q3221-02	HD-01-092625-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	D31	09/26/2025	Chemtech -SO
Q3222-01	SU-03-092625	Solid	Percent Solids	Cool 4 deg C	PSEG05	D31	09/26/2025	Chemtech -SO
Q3222-02	SU-03-092625-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	D31	09/26/2025	Chemtech -SO
Q3223-01	917	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/26/2025	Chemtech -SO
Q3223-02	917-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/26/2025	Chemtech -SO
Q3223-03	2027	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/26/2025	Chemtech -SO
Q3223-04	2028	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/26/2025	Chemtech -SO
Q3224-01	60159	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/26/2025	Chemtech -SO
Q3225-01	60052	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/26/2025	Chemtech -SO
Q3226-05	SVOC-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	ALLI03	A12	09/19/2025	Chemtech -SO

Date/Time 09/26/25 15:10

Raw Sample Received by: JF Coo

Raw Sample Relinquished by: Rm 8m

Date/Time 09/26/25

Raw Sample Received by: Rm 8m

Raw Sample Relinquished by: JF Coo

WORKLIST(Hardcopy Internal Chain)

177341

WorkList Name : %1-092625

WorkList ID : 192106

Department : Wet-Chemistry

Date : 09-26-2025 08:04:06

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3226-06	PEST-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	ALLI03	A12	09/19/2025	Chemtech -SO
Q3226-07	PEST-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	ALLI03	A12	09/19/2025	Chemtech -SO
Q3226-09	PEST-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	ALLI03	A12	09/19/2025	Chemtech -SO
Q3226-10	PEST -GPC2-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	ALLI03	A12	09/19/2025	Chemtech -SO
Q3230-01	WALL-PROBE-BRICK-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/26/2025	Chemtech -SO
Q3231-01	WC-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/26/2025	Chemtech -SO
Q3231-02	WC-1-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/26/2025	Chemtech -SO
Q3231-03	WC-1-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/26/2025	Chemtech -SO
Q3231-05	WC-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/26/2025	Chemtech -SO
Q3231-06	WC-2-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/26/2025	Chemtech -SO
Q3231-07	WC-2-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/26/2025	Chemtech -SO
Q3231-09	WC-3	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/26/2025	Chemtech -SO
Q3231-10	WC-3-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/26/2025	Chemtech -SO
Q3231-11	WC-3-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/26/2025	Chemtech -SO
Q3231-13	WC-4	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/26/2025	Chemtech -SO
Q3231-14	WC-4-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/26/2025	Chemtech -SO
Q3231-15	WC-4-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/26/2025	Chemtech -SO
Q3232-01	CONC-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/26/2025	Chemtech -SO
Q3233-01	0926-01	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/26/2025	Chemtech -SO

Date/Time 09/26/25 15:10

Raw Sample Received by: SP CUDC

Raw Sample Relinquished by: RM SM

Date/Time 09/26/25

Raw Sample Received by: RM SM

Raw Sample Relinquished by: SP CUDC



SHIPPING DOCUMENTS



284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax: (908) 788-9222
www.chemtech.net

CHAIN OF CUSTODY RECORD

Alliance Project Number: **Q 3226**

COC Number:

CLIENT INFORMATION	PROJECT INFORMATION	BILLING INFORMATION
--------------------	---------------------	---------------------

COMPANY: Alliance Technical Group, LLC - Newark	PROJECT NAME: Weekly Storage Blanks	BILL TO: PO#
ADDRESS: 284 Sheffield Street	PROJECT #: LOCATION:	ADDRESS:
CITY Mountainside STATE: NJ ZIP: 07092	PROJECT MANAGER:	CITY: STATE: ZIP:
ATTENTION:	E-MAIL:	ATTENTION: PHONE:
PHONE: FAX:	PHONE: FAX:	

DATA TURNAROUND INFORMATION	DATA DELIVERABLE INFORMATION	ANALYSIS
-----------------------------	------------------------------	----------

FAX: <u>NA</u> DAYS* HARD COPY: <u>10</u> DAYS* EDD <u>NA</u> DAYS* * TO BE APPROVED BY ALLIANCE STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS	☐ RESULTS ONLY ☐ USEPA CLP ☐ RESULTS + QC ☐ New York State ASP "B" ☐ New Jersey REDUCED ☐ New York State ASP "A" ☐ New Jersey CLP ☐ Other _____ ☐ EDD Format _____	<table border="1" style="width:100%"> <tr> <th>VOC</th> <th>SVOC</th> <th>PESTICIDES</th> <th></th><th></th><th></th><th></th><th></th><th></th><th></th> </tr> <tr> <td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td><td></td> </tr> </table>	VOC	SVOC	PESTICIDES								1	2	3	4	5	6	7	8	9	
VOC	SVOC	PESTICIDES																				
1	2	3	4	5	6	7	8	9														

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# of Bottles										← Specify Preservatives A-HCl B-HNO3 C-H2SO4 D-NaOH E-ICE F-Other			
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9				
1.	STORAGE-BLANK-SOIL-REF-6	AQ		X			2	X												
2.	STORAGE-BLANK-WATER-REF-5	AQ		X			2	X												
3.	STORAGE-BLANK-WATER-REF-4	AQ		X			2	X												
4.	STORAGE-BLANK-SAMPLE-MANAGEMENT	AQ		X			2	X												
5.	SVOC-GPC-BLANK	SO		X			1		X											
6.	PEST-GPC-BLANK	SO		X			1			X										
7.	PEST-GPC-BLANK-SPIKE	SO		X			1			X										
8.	SVOC-GPC2-BLANK	SO		X			1		X											
9.	PEST-GPC2-BLANK	SO		X			1			X										
10.	PEST -GPC2-BLANK-SPIKE	SO		X			1			X										

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

RELINQUISHED BY SAMPLER	DATE/TIME	RECEIVED BY	Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non Compliant ☐ Cooler Temp _____ MeOH extraction requires an additional 4oz. Jar for percent solid ☐ Ice In Cooler?: _____
1. <u>Sem</u>	<u>09/26/25</u>	<u>1.</u>	Comments:
RELINQUISHED BY	DATE/TIME	RECEIVED BY	
2.		2.	
RELINQUISHED BY	DATE/TIME	RECEIVED FOR LAB BY	
3.		3.	SHIPPED VIA: CLIENT: ☐ Hand Delivered ☐ Overnight ALLIANCE: ☐ Picked Up ☐ Overnight

Shipment Complete
☐ YES ☐ NO

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

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



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CHAIN OF CUSTODY RECORD

Alliance Project Number: Q 3226

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2.			STORAGE-BLANK-WATER-REF-5		AQ		X				2		X																																									
3.			STORAGE-BLANK-WATER-REF-4		AQ		X				2		X																																									
4.			STORAGE-BLANK-SAMPLE-MANAGEMENT		AQ		X				2		X																																									
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2.					2.																																																	
RELINQUISHED BY			DATE/TIME		RECEIVED FOR LAB BY		SHIPPED VIA: CLIENT: ☐ Hand Delivered ☐ Overnight ALLIANCE: ☐ Picked Up ☐ Overnight																																															
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