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DATA REPORTING QUALIFIERS- ORGANIC

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

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

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LAB CHRONICLE

OrderID:	Q3573	**OrderDate:**	11/7/2025 9:05:00 AM
Client:	Chemtech Consulting Group	**Project:**	Weekly Storage Blanks
Contact:	QA Officer	**Location:**	A13,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3573-01	**STORAGE-BLANK-SOIL-REF-6**	**Water**			**10/31/25**			**11/07/25**
			VOC- Chemtech Full	8260-Low			11/10/25	
Q3573-02	**STORAGE-BLANK-WATER-REF-5**	**Water**			**10/31/25**			**11/07/25**
			VOC- Chemtech Full	8260-Low			11/10/25	
Q3573-03	**STORAGE-BLANK-WATER-REF-4**	**Water**			**10/31/25**			**11/07/25**
			VOC- Chemtech Full	8260-Low			11/10/25	
Q3573-04	**STORAGE-BLANK-SAMPLE-MANAGEMENT**	**Water**			**10/31/25**			**11/07/25**
			VOC- Chemtech Full	8260-Low			11/10/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3573

Client: Chemtech Consulting Group

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units

Client ID:

0

Total Voc :

Total Concentration:

QC SUMMARY

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Surrogate Summary

SDG No.: Q3573

Client: Chemtech Consulting Group

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q3573-01	STORAGE-BLANK-SOIL-REF-6	1,2-Dichloroethane-d4	50	50.1	100		74	125
		Dibromofluoromethane	50	43.7	87		75	124
		Toluene-d8	50	50.0	100		86	113
		4-Bromofluorobenzene	50	57.5	115		77	121
Q3573-02	STORAGE-BLANK-WATER-REF-5	1,2-Dichloroethane-d4	50	59.1	118		74	125
		Dibromofluoromethane	50	46.2	92		75	124
		Toluene-d8	50	50.7	101		86	113
		4-Bromofluorobenzene	50	58.8	118		77	121
Q3573-03	STORAGE-BLANK-WATER-REF-4	1,2-Dichloroethane-d4	50	54.1	108		74	125
		Dibromofluoromethane	50	45.3	91		75	124
		Toluene-d8	50	48.5	97		86	113
		4-Bromofluorobenzene	50	46.6	93		77	121
Q3573-04	STORAGE-BLANK-SAMPLE-MANAC	1,2-Dichloroethane-d4	50	59.6	119		74	125
		Dibromofluoromethane	50	43.9	88		75	124
		Toluene-d8	50	50.1	100		86	113
		4-Bromofluorobenzene	50	47.0	94		77	121
VX1110WBL01	VX1110WBL01	1,2-Dichloroethane-d4	50	50.1	100		74	125
		Dibromofluoromethane	50	44.1	88		75	124
		Toluene-d8	50	52.5	105		86	113
		4-Bromofluorobenzene	50	58.2	116		77	121
VX1110WBS01	VX1110WBS01	1,2-Dichloroethane-d4	50	57.5	115		74	125
		Dibromofluoromethane	50	46.9	94		75	124
		Toluene-d8	50	52.5	105		86	113
		4-Bromofluorobenzene	50	51.3	103		77	121
VX1110WBSD0	VX1110WBSD01	1,2-Dichloroethane-d4	50	50.4	101		74	125
		Dibromofluoromethane	50	45.5	91		75	124
		Toluene-d8	50	50.0	100		86	113
		4-Bromofluorobenzene	50	48.9	98		77	121

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3573 **Analytical Method:** SW8260-Low

Client: Chemtech Consulting Group **Datafile :** VX048530.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX1110WBS01	Dichlorodifluoromethane	20	17.9	ug/L	90			69	116	
	Chloromethane	20	18.6	ug/L	93			65	116	
	Vinyl chloride	20	19.4	ug/L	97			65	117	
	Ethyl Acetate	20	18.7	ug/L	94			75	115	
	Bromomethane	20	25.7	ug/L	129		*	58	125	
	Chloroethane	20	22.0	ug/L	110			56	128	
	Trichlorofluoromethane	20	21.6	ug/L	108			73	115	
	1,1,2-Trichlorotrifluoroethane	20	19.7	ug/L	99			80	112	
	Tert butyl alcohol	100	100	ug/L	100			48	142	
	1,1-Dichloroethene	20	19.9	ug/L	100			74	110	
	Acrolein	100	110	ug/L	110			18	155	
	Acrylonitrile	100	100	ug/L	100			73	113	
	Acetone	100	120	ug/L	120			60	125	
	Carbon disulfide	20	17.7	ug/L	89			64	112	
	Methyl tert-butyl Ether	20	20.7	ug/L	104			78	114	
	Methyl Acetate	20	19.8	ug/L	99			57	150	
	Methylene Chloride	20	18.7	ug/L	94			72	114	
	trans-1,2-Dichloroethene	20	19.3	ug/L	97			75	108	
	Vinyl Acetate	100	110	ug/L	110			76	115	
	1,1-Dichloroethane	20	19.7	ug/L	99			78	112	
	Cyclohexane	20	18.7	ug/L	94			75	110	
	2-Butanone	100	110	ug/L	110			65	122	
	Carbon Tetrachloride	20	17.8	ug/L	89			77	113	
	2,2-Dichloropropane	20	19.2	ug/L	96			77	109	
	cis-1,2-Dichloroethene	20	18.8	ug/L	94			77	110	
	Bromochloromethane	20	19.8	ug/L	99			70	124	
	Chloroform	20	20.2	ug/L	101			79	113	
	1,1,1-Trichloroethane	20	19.6	ug/L	98			80	108	
	Methylcyclohexane	20	17.0	ug/L	85			72	115	
	1,1-Dichloropropene	20	17.2	ug/L	86			79	110	
	Benzene	20	17.8	ug/L	89			82	109	
	1,2-Dichloroethane	20	20.6	ug/L	103			80	115	
	Trichloroethene	20	18.6	ug/L	93			77	113	
	1,2-Dichloropropane	20	19.9	ug/L	100			83	111	
	Dibromomethane	20	20.6	ug/L	103			82	110	
	Bromodichloromethane	20	21.0	ug/L	105			83	110	
	4-Methyl-2-Pentanone	100	110	ug/L	110			74	118	
	Toluene	20	20.7	ug/L	104			82	110	
	t-1,3-Dichloropropene	20	20.9	ug/L	104			79	110	
	cis-1,3-Dichloropropene	20	21.0	ug/L	105			82	110	
	1,1,2-Trichloroethane	20	22.1	ug/L	111			83	112	
	1,3-Dichloropropane	20	21.3	ug/L	106			83	111	
	2-Chloroethyl vinyl ether	100	110	ug/L	110			75	124	
	2-Hexanone	100	110	ug/L	110			73	117	
	Dibromochloromethane	20	21.3	ug/L	106			82	110	
	1,2-Dibromoethane	20	21.6	ug/L	108			81	110	
	Tetrachloroethene	20	17.4	ug/L	87			67	123	
	Chlorobenzene	20	18.1	ug/L	91			82	109	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3573 **Analytical Method:** SW8260-Low

Client: Chemtech Consulting Group **Datafile :** VX048530.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX1110WBS01	1,1,1,2-Tetrachloroethane	20	19.3	ug/L	97			84	111	
	Hexachloroethane	20	17.8	ug/L	89			80	113	
	Ethyl Benzene	20	18.0	ug/L	90			83	109	
	m/p-Xylenes	40	37.0	ug/L	93			82	110	
	o-Xylene	20	17.9	ug/L	90			83	109	
	Styrene	20	18.6	ug/L	93			80	111	
	Bromoform	20	18.3	ug/L	92			79	109	
	Isopropylbenzene	20	18.1	ug/L	91			83	112	
	1,1,2,2-Tetrachloroethane	20	18.7	ug/L	94			76	118	
	1,2,3-Trichloropropane	20	18.2	ug/L	91			75	112	
	Bromobenzene	20	18.0	ug/L	90			77	116	
	N-propylbenzene	20	17.9	ug/L	90			83	112	
	2-Chlorotoluene	20	18.3	ug/L	92			83	110	
	1,3,5-Trimethylbenzene	20	18.1	ug/L	91			85	112	
	4-Chlorotoluene	20	18.1	ug/L	91			82	110	
	tert-Butylbenzene	20	17.8	ug/L	89			83	112	
	1,2,4-Trimethylbenzene	20	18.2	ug/L	91			85	111	
	Sec-butylbenzene	20	17.4	ug/L	87			81	114	
	p-Isopropyltoluene	20	17.6	ug/L	88			78	116	
	1,3-Dichlorobenzene	20	18.0	ug/L	90			82	108	
	1,4-Dichlorobenzene	20	18.1	ug/L	91			82	107	
	n-Butylbenzene	20	17.4	ug/L	87			75	115	
	1,2-Dichlorobenzene	20	18.1	ug/L	91			82	109	
	1,2-Dibromo-3-Chloropropane	20	20.1	ug/L	101			68	112	
	1,2,4-Trichlorobenzene	20	21.5	ug/L	108			75	113	
	Hexachlorobutadiene	20	18.4	ug/L	92			81	121	
	Naphthalene	20	21.3	ug/L	106			78	119	
	1,2,3-Trichlorobenzene	20	17.6	ug/L	88			76	114	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	**Q3573**	**Analytical Method:**	**SW8260-Low**
Client:	**Chemtech Consulting Group**	**Datafile :**	VX048531.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX1110WBSD01	Dichlorodifluoromethane	20	14.1	ug/L	71	24	*	69	116	19
	Chloromethane	20	15.8	ug/L	79	16		65	116	21
	Vinyl chloride	20	16.8	ug/L	84	14		65	117	19
	Ethyl Acetate	20	17.8	ug/L	89	5		75	115	27
	Bromomethane	20	21.5	ug/L	108	18		58	125	30
	Chloroethane	20	18.3	ug/L	92	18		56	128	20
	Trichlorofluoromethane	20	17.6	ug/L	88	20	*	73	115	16
	1,1,2-Trichlorotrifluoroethane	20	18.3	ug/L	92	7		80	112	20
	Tert butyl alcohol	100	95.8	ug/L	96	4		48	142	30
	1,1-Dichloroethene	20	18.1	ug/L	91	9		74	110	20
	Acrolein	100	87.2	ug/L	87	23		18	155	30
	Acrylonitrile	100	94.6	ug/L	95	5		73	113	29
	Acetone	100	91.0	ug/L	91	27		60	125	27
	Carbon disulfide	20	17.3	ug/L	86	3		64	112	17
	Methyl tert-butyl Ether	20	18.9	ug/L	95	9		78	114	20
	Methyl Acetate	20	18.3	ug/L	92	7		57	150	20
	Methylene Chloride	20	18.4	ug/L	92	2		72	114	20
	trans-1,2-Dichloroethene	20	17.7	ug/L	89	9		75	108	16
	Vinyl Acetate	100	92.8	ug/L	93	17		76	115	26
	1,1-Dichloroethane	20	18.4	ug/L	92	7		78	112	20
	Cyclohexane	20	18.4	ug/L	92	2		75	110	20
	2-Butanone	100	98.1	ug/L	98	12		65	122	26
	Carbon Tetrachloride	20	16.9	ug/L	85	5		77	113	15
	2,2-Dichloropropane	20	16.7	ug/L	84	13		77	109	20
	cis-1,2-Dichloroethene	20	18.1	ug/L	91	3		77	110	20
	Bromochloromethane	20	17.2	ug/L	86	14		70	124	20
	Chloroform	20	18.3	ug/L	92	9		79	113	20
	1,1,1-Trichloroethane	20	17.8	ug/L	89	10		80	108	20
	Methylcyclohexane	20	17.8	ug/L	89	5		72	115	20
	1,1-Dichloropropene	20	16.4	ug/L	82	5		79	110	16
	Benzene	20	17.4	ug/L	87	2		82	109	15
	1,2-Dichloroethane	20	18.1	ug/L	91	12		80	115	20
	Trichloroethene	20	18.5	ug/L	93	0		77	113	15
	1,2-Dichloropropane	20	19.1	ug/L	96	4		83	111	21
	Dibromomethane	20	20.3	ug/L	102	1		82	110	20
	Bromodichloromethane	20	19.8	ug/L	99	6		83	110	21
	4-Methyl-2-Pentanone	100	110	ug/L	110	0		74	118	25
	Toluene	20	20.5	ug/L	103	1		82	110	16
	t-1,3-Dichloropropene	20	19.0	ug/L	95	9		79	110	20
	cis-1,3-Dichloropropene	20	20.0	ug/L	100	5		82	110	16
	1,1,2-Trichloroethane	20	21.0	ug/L	105	6		83	112	20
	1,3-Dichloropropane	20	20.6	ug/L	103	3		83	111	20
	2-Chloroethyl vinyl ether	100	100	ug/L	100	10		75	124	20
	2-Hexanone	100	100	ug/L	100	10		73	117	25
	Dibromochloromethane	20	20.0	ug/L	100	6		82	110	20
	1,2-Dibromoethane	20	20.9	ug/L	104	4		81	110	20
	Tetrachloroethene	20	18.4	ug/L	92	6		67	123	15
	Chlorobenzene	20	18.4	ug/L	92	1		82	109	15

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3573 **Analytical Method:** SW8260-Low

Client: Chemtech Consulting Group **Datafile :** VX048531.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX1110WBSD01	1,1,1,2-Tetrachloroethane	20	19.5	ug/L	98	1		84	111	20
	Hexachloroethane	20	17.6	ug/L	88	1		80	113	20
	Ethyl Benzene	20	18.2	ug/L	91	1		83	109	16
	m/p-Xylenes	40	38.0	ug/L	95	2		82	110	20
	o-Xylene	20	18.7	ug/L	94	4		83	109	20
	Styrene	20	19.1	ug/L	96	3		80	111	17
	Bromoform	20	18.3	ug/L	92	0		79	109	20
	Isopropylbenzene	20	18.7	ug/L	94	3		83	112	22
	1,1,2,2-Tetrachloroethane	20	18.3	ug/L	92	2		76	118	20
	1,2,3-Trichloropropane	20	18.2	ug/L	91	0		75	112	20
	Bromobenzene	20	18.5	ug/L	93	3		77	116	20
	N-propylbenzene	20	18.0	ug/L	90	0		83	112	20
	2-Chlorotoluene	20	18.3	ug/L	92	0		83	110	20
	1,3,5-Trimethylbenzene	20	18.3	ug/L	92	1		85	112	20
	4-Chlorotoluene	20	18.1	ug/L	91	0		82	110	20
	tert-Butylbenzene	20	18.4	ug/L	92	3		83	112	20
	1,2,4-Trimethylbenzene	20	18.6	ug/L	93	2		85	111	20
	Sec-butylbenzene	20	18.2	ug/L	91	4		81	114	20
	p-Isopropyltoluene	20	18.4	ug/L	92	4		78	116	20
	1,3-Dichlorobenzene	20	18.0	ug/L	90	0		82	108	20
	1,4-Dichlorobenzene	20	17.9	ug/L	90	1		82	107	20
	n-Butylbenzene	20	17.7	ug/L	89	2		75	115	20
	1,2-Dichlorobenzene	20	18.1	ug/L	91	0		82	109	20
	1,2-Dibromo-3-Chloropropane	20	18.8	ug/L	94	7		68	112	26
	1,2,4-Trichlorobenzene	20	17.8	ug/L	89	19		75	113	21
	Hexachlorobutadiene	20	18.0	ug/L	90	2		81	121	20
	Naphthalene	20	19.2	ug/L	96	10		78	119	20
	1,2,3-Trichlorobenzene	20	18.9	ug/L	95	8		76	114	22

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VOLATILE METHOD BLANK SUMMARY

Client ID: VX1110WBL01

Lab Name: Alliance Contract: CHEM02

Lab Code: ACE SDG NO.: Q3573

Lab File ID: VX048528.D Lab Sample ID: VX1110WBL01

Date Analyzed: 11/10/2025 Time Analyzed: 10:04

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
VX1110WBS01	VX1110WBS01	VX048530.D	11/10/2025
VX1110WBSD01	VX1110WBSD01	VX048531.D	11/10/2025
STORAGE-BLANK-SOIL-REF-6	Q3573-01	VX048532.D	11/10/2025
STORAGE-BLANK-WATER-REF-5	Q3573-02	VX048533.D	11/10/2025
STORAGE-BLANK-WATER-REF-4	Q3573-03	VX048534.D	11/10/2025
STORAGE-BLANK-SAMPLE-MANAGEMENT	Q3573-04	VX048535.D	11/10/2025

COMMENTS:

Raw Data: **VX048515.D**

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: CHEM02
Lab Code: ACE
SDG NO.: Q3573
Lab File ID: VX048515.D
BFB Injection Date: 11/07/2025
Instrument ID: MSVOA_X
BFB Injection Time: 13:06
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	21.2
75	30.0 - 60.0% of mass 95	56
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	1 (1.2) 1
174	50.0 - 100.0% of mass 95	77.2
175	5.0 - 9.0% of mass 174	5.7 (7.3) 1
176	95.0 - 101.0% of mass 174	75.5 (97.9) 1
177	5.0 - 9.0% of mass 176	4.7 (6.2) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC001	VSTDICC001	VX048516.D	11/07/2025	13:35
VSTDICC005	VSTDICC005	VX048517.D	11/07/2025	13:56
VSTDICC020	VSTDICC020	VX048518.D	11/07/2025	14:16
VSTDICC100	VSTDICC100	VX048520.D	11/07/2025	14:58
VSTDICC150	VSTDICC150	VX048521.D	11/07/2025	15:18
VSTDICCC050	VSTDICCC050	VX048524.D	11/07/2025	16:29

Raw Data: **VX048526.D**

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: CHEM02

Lab Code: ACE | SDG NO.: Q3573

Lab File ID: VX048526.D | BFB Injection Date: 11/10/2025

Instrument ID: MSVOA_X | BFB Injection Time: 08:34

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	16.6
75	30.0 - 60.0% of mass 95	49.8
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.9 (1.1) 1
174	50.0 - 100.0% of mass 95	78
175	5.0 - 9.0% of mass 174	6 (7.6) 1
176	95.0 - 101.0% of mass 174	75.4 (96.6) 1
177	5.0 - 9.0% of mass 176	5.2 (6.9) 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	VX048527.D	11/10/2025	09:36
VX1110WBL01	VX1110WBL01	VX048528.D	11/10/2025	10:04
VX1110WBS01	VX1110WBS01	VX048530.D	11/10/2025	11:49
VX1110WBSD01	VX1110WBSD01	VX048531.D	11/10/2025	12:16
STORAGE-BLANK-SOIL-REF-6	Q3573-01	VX048532.D	11/10/2025	12:37
STORAGE-BLANK-WATER-REF-5	Q3573-02	VX048533.D	11/10/2025	12:58
STORAGE-BLANK-WATER-REF-4	Q3573-03	VX048534.D	11/10/2025	13:19
STORAGE-BLANK-SAMPLE-MANAGEMENT	Q3573-04	VX048535.D	11/10/2025	13:43

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

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: CHEM02

Lab Code: ACE SDG NO.: Q3573

Lab File ID: VX048527.D Date Analyzed: 11/10/2025

Instrument ID: MSVOA_X Time Analyzed: 09:36

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	178330	5.53	288528	6.74	248957	10.04
UPPER LIMIT	356660	6.032	577056	7.239	497914	10.537
LOWER LIMIT	89165	5.032	144264	6.239	124479	9.537
EPA SAMPLE NO.						
STORAGE-BLANK-SOIL-REF-6	154204	5.54	305047	6.75	320823	10.04
STORAGE-BLANK-WATER-REF-5	177862	5.54	361031	6.75	373583	10.04
STORAGE-BLANK-WATER-REF-4	159408	5.54	314204	6.75	266311	10.04
STORAGE-BLANK-SAMPLE-MANAGEMEN	155276	5.54	330639	6.75	321826	10.04
VX1110WBL01	157554	5.54	305452	6.74	313169	10.04
VX1110WBS01	140876	5.54	243139	6.75	219757	10.04
VX1110WBSD01	186739	5.53	314084	6.75	272722	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.

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: CHEM02

Lab Code: ACE SDG NO.: Q3573

Lab File ID: VX048527.D Date Analyzed: 11/10/2025

Instrument ID: MSVOA_X Time Analyzed: 09:36

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

	IS4 AREA #	RT #				
12 HOUR STD	127604	12.006				
UPPER LIMIT	255208	12.506				
LOWER LIMIT	63802	11.506				
EPA SAMPLE NO.						
STORAGE-BLANK-SOIL-REF-6	164496	12.01				
STORAGE-BLANK-WATER-REF-5	199089	12.01				
STORAGE-BLANK-WATER-REF-4	138516	12.01				
STORAGE-BLANK-SAMPLE-MANAGEME	147785	12.01				
VX1110WBL01	160725	12.01				
VX1110WBS01	112690	12.01				
VX1110WBSD01	139918	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

Raw Data: **VX048532.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	10/31/25
Project:	Weekly Storage Blanks	Date Received:	11/07/25
Client Sample ID:	STORAGE-BLANK-SOIL-I	SDG No.:	Q3573
Lab Sample ID:	Q3573-01	Matrix:	Water
Analytical Method:	8260D	Level: LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC- Chemtech Full

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	0.22	U	1	0.22	1.00	ug/L	11/10/25 12:37	VX111025
74-87-3	Chloromethane	0.32	U	1	0.32	1.00	ug/L	11/10/25 12:37	VX111025
75-01-4	Vinyl Chloride	0.26	U	1	0.26	1.00	ug/L	11/10/25 12:37	VX111025
141-78-6	Ethyl Acetate	0.31	U	1	0.31	1.00	ug/L	11/10/25 12:37	VX111025
74-83-9	Bromomethane	1.40	UQ	1	1.40	5.00	ug/L	11/10/25 12:37	VX111025
75-00-3	Chloroethane	0.47	U	1	0.47	1.00	ug/L	11/10/25 12:37	VX111025
75-69-4	Trichlorofluoromethane	0.33	U	1	0.33	1.00	ug/L	11/10/25 12:37	VX111025
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	1	0.25	1.00	ug/L	11/10/25 12:37	VX111025
75-65-0	Tert butyl alcohol	5.50	U	1	5.50	25.0	ug/L	11/10/25 12:37	VX111025
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/10/25 12:37	VX111025
107-02-8	Acrolein	7.10	U	1	7.10	25.0	ug/L	11/10/25 12:37	VX111025
107-13-1	Acrylonitrile	0.83	U	1	0.83	5.00	ug/L	11/10/25 12:37	VX111025
67-64-1	Acetone	1.50	U	1	1.50	5.00	ug/L	11/10/25 12:37	VX111025
75-15-0	Carbon Disulfide	0.21	U	1	0.21	1.00	ug/L	11/10/25 12:37	VX111025
1634-04-4	Methyl tert-butyl Ether	0.16	U	1	0.16	1.00	ug/L	11/10/25 12:37	VX111025
79-20-9	Methyl Acetate	0.27	U	1	0.27	1.00	ug/L	11/10/25 12:37	VX111025
75-09-2	Methylene Chloride	0.28	U	1	0.28	1.00	ug/L	11/10/25 12:37	VX111025
156-60-5	trans-1,2-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/10/25 12:37	VX111025
108-05-4	Vinyl Acetate	0.66	U	1	0.66	5.00	ug/L	11/10/25 12:37	VX111025
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	11/10/25 12:37	VX111025
110-82-7	Cyclohexane	1.50	U	1	1.50	5.00	ug/L	11/10/25 12:37	VX111025
78-93-3	2-Butanone	0.98	U	1	0.98	5.00	ug/L	11/10/25 12:37	VX111025
56-23-5	Carbon Tetrachloride	0.25	U	1	0.25	1.00	ug/L	11/10/25 12:37	VX111025
594-20-7	2,2-Dichloropropane	0.21	U	1	0.21	1.00	ug/L	11/10/25 12:37	VX111025
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	11/10/25 12:37	VX111025
74-97-5	Bromochloromethane	0.22	U	1	0.22	1.00	ug/L	11/10/25 12:37	VX111025
67-66-3	Chloroform	0.25	U	1	0.25	1.00	ug/L	11/10/25 12:37	VX111025
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	11/10/25 12:37	VX111025
108-87-2	Methylcyclohexane	0.16	U	1	0.16	1.00	ug/L	11/10/25 12:37	VX111025
563-58-6	1,1-Dichloropropene	0.15	U	1	0.15	1.00	ug/L	11/10/25 12:37	VX111025
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	11/10/25 12:37	VX111025
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	11/10/25 12:37	VX111025
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	11/10/25 12:37	VX111025
78-87-5	1,2-Dichloropropane	0.20	U	1	0.20	1.00	ug/L	11/10/25 12:37	VX111025
74-95-3	Dibromomethane	0.25	U	1	0.25	1.00	ug/L	11/10/25 12:37	VX111025
75-27-4	Bromodichloromethane	0.22	U	1	0.22	1.00	ug/L	11/10/25 12:37	VX111025
108-10-1	4-Methyl-2-Pentanone	0.68	U	1	0.68	5.00	ug/L	11/10/25 12:37	VX111025
108-88-3	Toluene	0.14	U	1	0.14	1.00	ug/L	11/10/25 12:37	VX111025
10061-02-6	t-1,3-Dichloropropene	0.17	U	1	0.17	1.00	ug/L	11/10/25 12:37	VX111025
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1	0.16	1.00	ug/L	11/10/25 12:37	VX111025
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	11/10/25 12:37	VX111025
142-28-9	1,3-Dichloropropane	0.19	U	1	0.19	1.00	ug/L	11/10/25 12:37	VX111025
110-75-8	2-Chloroethyl Vinyl ether	0.30	U	1	0.30	5.00	ug/L	11/10/25 12:37	VX111025

Raw Data: **VX048532.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	10/31/25
Project:	Weekly Storage Blanks	Date Received:	11/07/25
Client Sample ID:	STORAGE-BLANK-SOIL-I	SDG No.:	Q3573
Lab Sample ID:	Q3573-01	Matrix:	Water
Analytical Method:	8260D	Level: LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC- Chemtech Full

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
591-78-6	2-Hexanone	0.89	U	1	0.89	5.00	ug/L	11/10/25 12:37	VX111025
124-48-1	Dibromochloromethane	0.18	U	1	0.18	1.00	ug/L	11/10/25 12:37	VX111025
106-93-4	1,2-Dibromoethane	0.15	U	1	0.15	1.00	ug/L	11/10/25 12:37	VX111025
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	11/10/25 12:37	VX111025
108-90-7	Chlorobenzene	0.12	U	1	0.12	1.00	ug/L	11/10/25 12:37	VX111025
630-20-6	1,1,1,2-Tetrachloroethane	0.19	U	1	0.19	1.00	ug/L	11/10/25 12:37	VX111025
67-72-1	Hexachloroethane	0.32	U	1	0.32	1.00	ug/L	11/10/25 12:37	VX111025
100-41-4	Ethyl Benzene	0.13	U	1	0.13	1.00	ug/L	11/10/25 12:37	VX111025
179601-23-1	m/p-Xylenes	0.24	U	1	0.24	2.00	ug/L	11/10/25 12:37	VX111025
95-47-6	o-Xylene	0.12	U	1	0.12	1.00	ug/L	11/10/25 12:37	VX111025
100-42-5	Styrene	0.15	U	1	0.15	1.00	ug/L	11/10/25 12:37	VX111025
75-25-2	Bromoform	0.19	U	1	0.19	1.00	ug/L	11/10/25 12:37	VX111025
98-82-8	Isopropylbenzene	0.12	U	1	0.12	1.00	ug/L	11/10/25 12:37	VX111025
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	1	0.26	1.00	ug/L	11/10/25 12:37	VX111025
96-18-4	1,2,3-Trichloropropane	0.35	U	1	0.35	1.00	ug/L	11/10/25 12:37	VX111025
108-86-1	Bromobenzene	0.24	U	1	0.24	1.00	ug/L	11/10/25 12:37	VX111025
103-65-1	n-propylbenzene	0.13	U	1	0.13	1.00	ug/L	11/10/25 12:37	VX111025
95-49-8	2-Chlorotoluene	0.14	U	1	0.14	1.00	ug/L	11/10/25 12:37	VX111025
108-67-8	1,3,5-Trimethylbenzene	0.15	U	1	0.15	1.00	ug/L	11/10/25 12:37	VX111025
106-43-4	4-Chlorotoluene	0.13	U	1	0.13	1.00	ug/L	11/10/25 12:37	VX111025
98-06-6	tert-Butylbenzene	0.14	U	1	0.14	1.00	ug/L	11/10/25 12:37	VX111025
95-63-6	1,2,4-Trimethylbenzene	0.14	U	1	0.14	1.00	ug/L	11/10/25 12:37	VX111025
135-98-8	sec-Butylbenzene	0.13	U	1	0.13	1.00	ug/L	11/10/25 12:37	VX111025
99-87-6	p-Isopropyltoluene	0.13	U	1	0.13	1.00	ug/L	11/10/25 12:37	VX111025
541-73-1	1,3-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	11/10/25 12:37	VX111025
106-46-7	1,4-Dichlorobenzene	0.19	U	1	0.19	1.00	ug/L	11/10/25 12:37	VX111025
104-51-8	n-Butylbenzene	0.15	U	1	0.15	1.00	ug/L	11/10/25 12:37	VX111025
95-50-1	1,2-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	11/10/25 12:37	VX111025
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	1	0.53	1.00	ug/L	11/10/25 12:37	VX111025
120-82-1	1,2,4-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	11/10/25 12:37	VX111025
87-68-3	Hexachlorobutadiene	0.30	U	1	0.30	1.00	ug/L	11/10/25 12:37	VX111025
91-20-3	Naphthalene	0.20	U	1	0.20	1.00	ug/L	11/10/25 12:37	VX111025
87-61-6	1,2,3-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	11/10/25 12:37	VX111025

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	50.1	74 - 125	100%	SPK: 50
1868-53-7	Dibromofluoromethane	43.7	75 - 124	87%	SPK: 50
2037-26-5	Toluene-d8	50.0	86 - 113	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	57.5	77 - 121	115%	SPK: 50

INTERNAL STANDARDS		Area Count
363-72-4	Pentafluorobenzene	154000
540-36-3	1,4-Difluorobenzene	305000
3114-55-4	Chlorobenzene-d5	321000
3855-82-1	1,4-Dichlorobenzene-d4	164000

Raw Data: **VX048532.D**

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

Report of Analysis

Client:	Chemtech Consulting Group			Date Collected:	10/31/25
Project:	Weekly Storage Blanks			Date Received:	11/07/25
Client Sample ID:	STORAGE-BLANK-SOIL-I			SDG No.:	Q3573
Lab Sample ID:	Q3573-01			Matrix:	Water
Analytical Method:	8260D	Level:	LOW	% Solid:	0
Sample Wt/Vol:	5 mL	Final Vol:	5000 uL	Test:	VOC- Chemtech Full

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID

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\VX111025\
Data File : VX048532.D
Acq On : 10 Nov 2025 12:37
Operator : JC/MD
Sample : Q3573-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Nov 11 00:45:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.537	168	154204	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	305047	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	320823	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	164496	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	107598	50.076	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.160%			
35) Dibromofluoromethane	5.373	113	100948	43.723	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 87.440%			
50) Toluene-d8	8.634	98	360106	50.010	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.020%			
62) 4-Bromofluorobenzene	11.061	95	154270	57.489	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 114.980%			

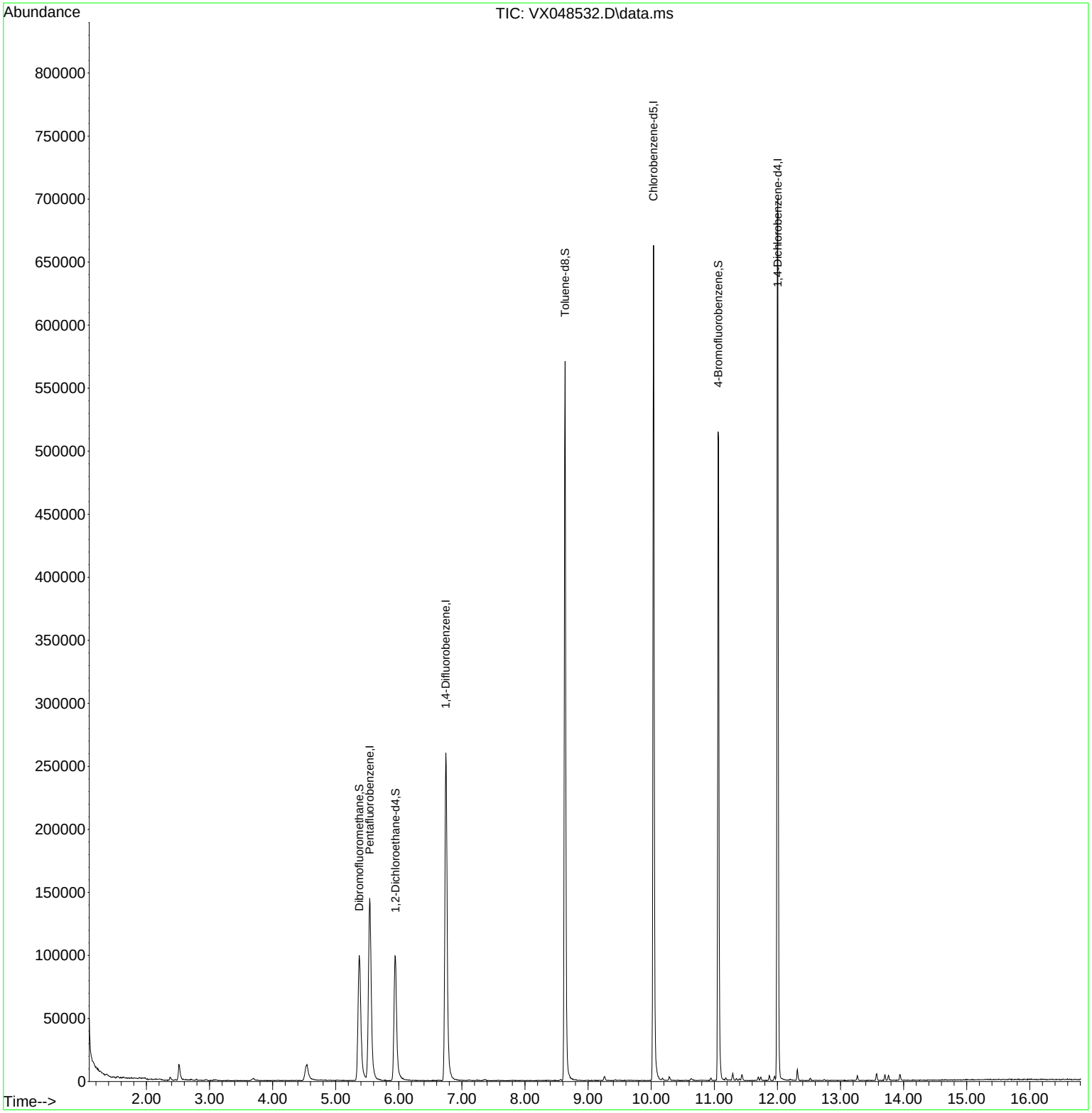
Target Compounds Qvalue

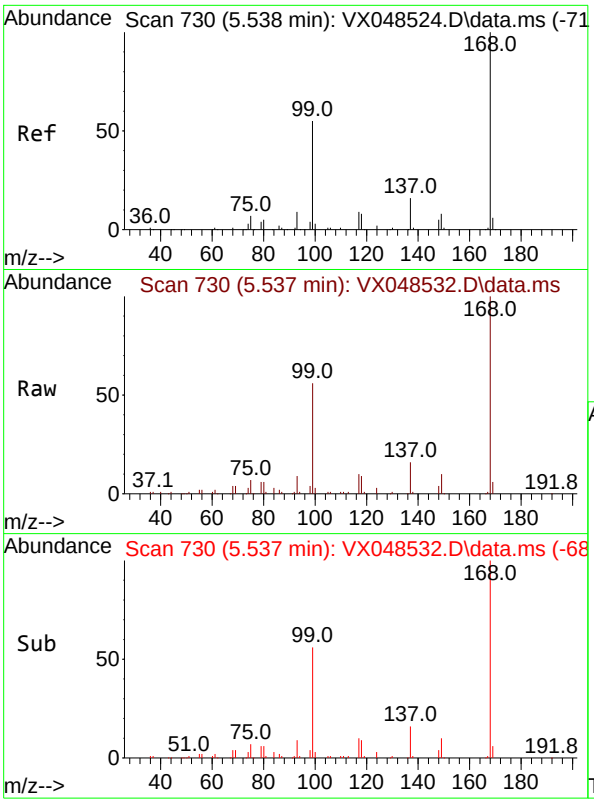
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
Data File : VX048532.D
Acq On : 10 Nov 2025 12:37
Operator : JC/MD
Sample : Q3573-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Nov 11 00:45:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration



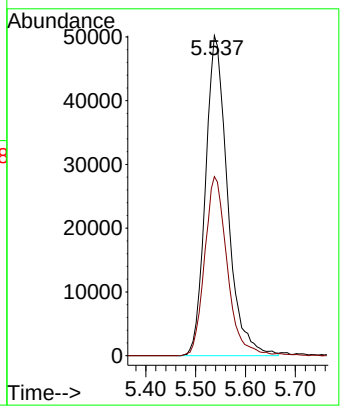


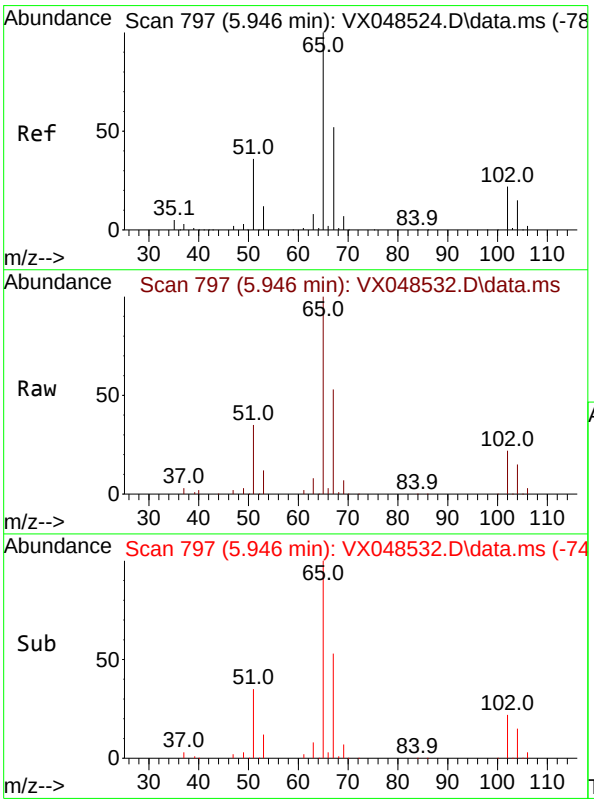
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 7
Delta R.T. -0.001 min
Lab File: VX048532.D
Acq: 10 Nov 2025 12:37

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

Tgt Ion:168 Resp: 154204

Ion	Ratio	Lower	Upper
168	100		
99	56.0	45.2	67.8

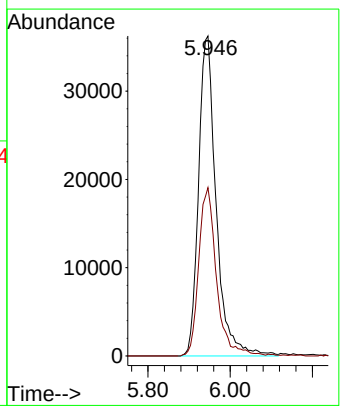


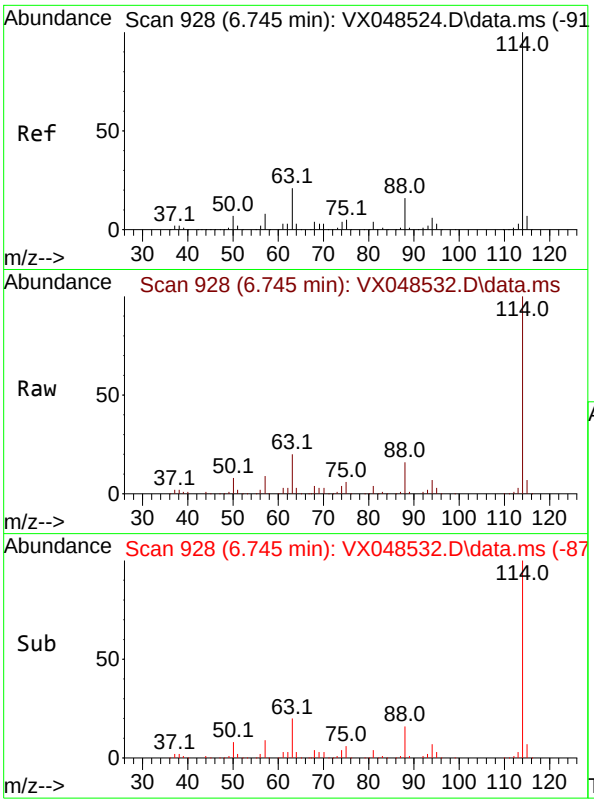


#33
1,2-Dichloroethane-d4
Concen: 50.076 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.000 min
Lab File: VX048532.D
Acq: 10 Nov 2025 12:37

Tgt Ion: 65 Resp: 107598

Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	106.2



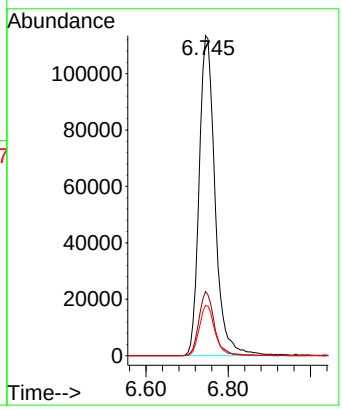


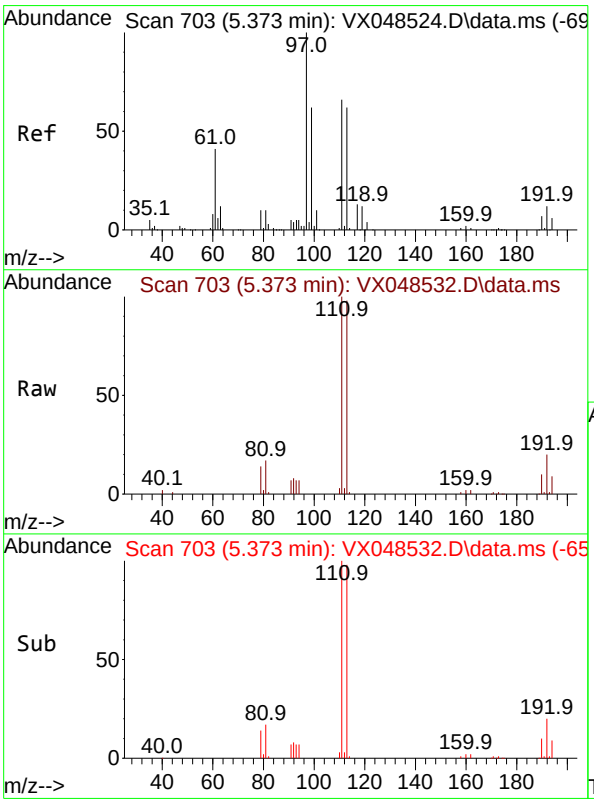
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX048532.D
Acq: 10 Nov 2025 12:37

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

Tgt Ion:114 Resp: 305047

Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	41.2
88	15.7	0.0	32.2

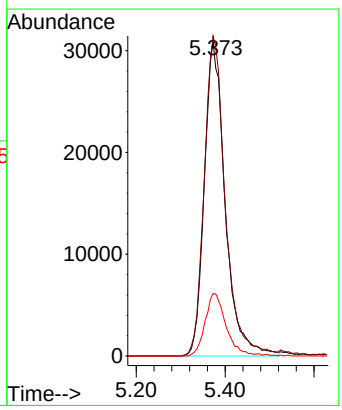


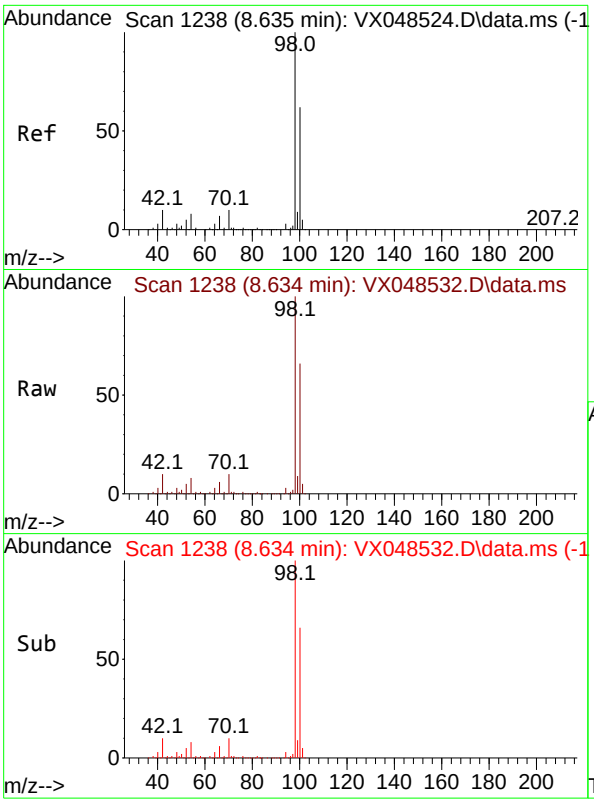


#35
Dibromofluoromethane
Concen: 43.723 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048532.D
Acq: 10 Nov 2025 12:37

Tgt Ion:113 Resp: 100948

Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.9	122.9
192	20.0	15.8	23.6



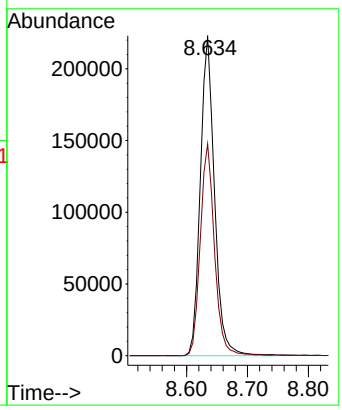


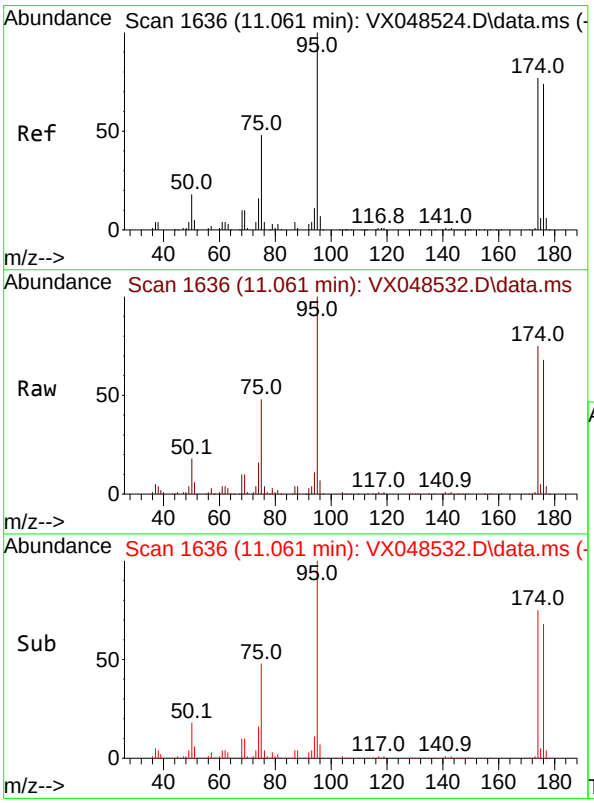
#50
Toluene-d8
Concen: 50.010 ug/l
RT: 8.634 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048532.D
Acq: 10 Nov 2025 12:37

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

Tgt Ion: 98 Resp: 360106

Ion	Ratio	Lower	Upper
98	100		
100	66.4	53.6	80.4

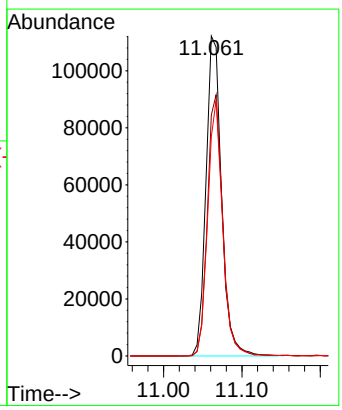


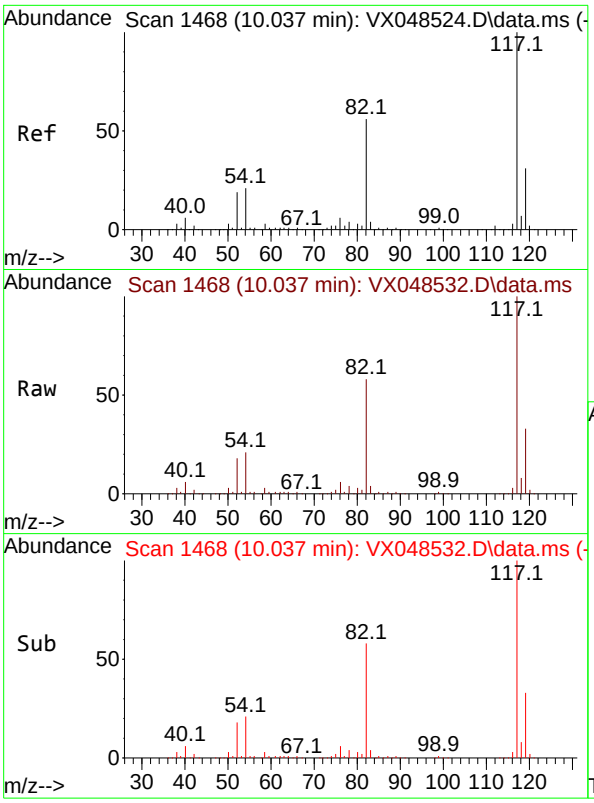


#62
4-Bromofluorobenzene
Concen: 57.489 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048532.D
Acq: 10 Nov 2025 12:37

Tgt Ion: 95 Resp: 154270

Ion	Ratio	Lower	Upper
95	100		
174	80.8	0.0	161.8
176	76.9	0.0	153.6



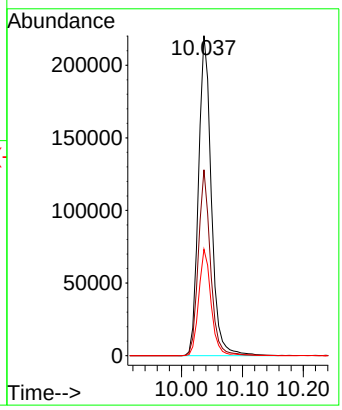


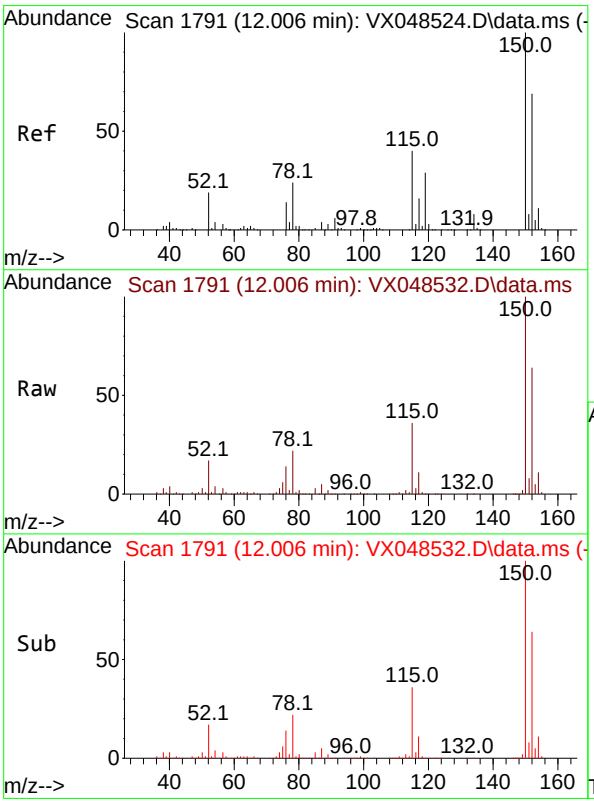
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048532.D
Acq: 10 Nov 2025 12:37

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

Tgt Ion:117 Resp: 320823

Ion	Ratio	Lower	Upper
117	100		
82	58.1	44.4	66.6
119	33.3	25.1	37.7

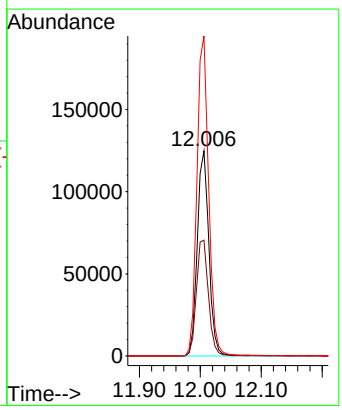




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048532.D
Acq: 10 Nov 2025 12:37

Tgt Ion:152 Resp: 164496

Ion	Ratio	Lower	Upper
152	100		
115	58.7	39.2	117.6
150	157.9	0.0	347.0



Raw Data: **VX048533.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	10/31/25
Project:	Weekly Storage Blanks	Date Received:	11/07/25
Client Sample ID:	STORAGE-BLANK-WATE	SDG No.:	Q3573
Lab Sample ID:	Q3573-02	Matrix:	Water
Analytical Method:	8260D Level: LOW	% Solid:	0
Sample Wt/Vol:	5 mL Final Vol: 5000 uL	Test:	VOC- Chemtech Full

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	0.22	U	1	0.22	1.00	ug/L	11/10/25 12:58	VX111025
74-87-3	Chloromethane	0.32	U	1	0.32	1.00	ug/L	11/10/25 12:58	VX111025
75-01-4	Vinyl Chloride	0.26	U	1	0.26	1.00	ug/L	11/10/25 12:58	VX111025
141-78-6	Ethyl Acetate	0.31	U	1	0.31	1.00	ug/L	11/10/25 12:58	VX111025
74-83-9	Bromomethane	1.40	UQ	1	1.40	5.00	ug/L	11/10/25 12:58	VX111025
75-00-3	Chloroethane	0.47	U	1	0.47	1.00	ug/L	11/10/25 12:58	VX111025
75-69-4	Trichlorofluoromethane	0.33	U	1	0.33	1.00	ug/L	11/10/25 12:58	VX111025
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	1	0.25	1.00	ug/L	11/10/25 12:58	VX111025
75-65-0	Tert butyl alcohol	5.50	U	1	5.50	25.0	ug/L	11/10/25 12:58	VX111025
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/10/25 12:58	VX111025
107-02-8	Acrolein	7.10	U	1	7.10	25.0	ug/L	11/10/25 12:58	VX111025
107-13-1	Acrylonitrile	0.83	U	1	0.83	5.00	ug/L	11/10/25 12:58	VX111025
67-64-1	Acetone	1.50	U	1	1.50	5.00	ug/L	11/10/25 12:58	VX111025
75-15-0	Carbon Disulfide	0.21	U	1	0.21	1.00	ug/L	11/10/25 12:58	VX111025
1634-04-4	Methyl tert-butyl Ether	0.16	U	1	0.16	1.00	ug/L	11/10/25 12:58	VX111025
79-20-9	Methyl Acetate	0.27	U	1	0.27	1.00	ug/L	11/10/25 12:58	VX111025
75-09-2	Methylene Chloride	0.28	U	1	0.28	1.00	ug/L	11/10/25 12:58	VX111025
156-60-5	trans-1,2-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/10/25 12:58	VX111025
108-05-4	Vinyl Acetate	0.66	U	1	0.66	5.00	ug/L	11/10/25 12:58	VX111025
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	11/10/25 12:58	VX111025
110-82-7	Cyclohexane	1.50	U	1	1.50	5.00	ug/L	11/10/25 12:58	VX111025
78-93-3	2-Butanone	0.98	U	1	0.98	5.00	ug/L	11/10/25 12:58	VX111025
56-23-5	Carbon Tetrachloride	0.25	U	1	0.25	1.00	ug/L	11/10/25 12:58	VX111025
594-20-7	2,2-Dichloropropane	0.21	U	1	0.21	1.00	ug/L	11/10/25 12:58	VX111025
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	11/10/25 12:58	VX111025
74-97-5	Bromochloromethane	0.22	U	1	0.22	1.00	ug/L	11/10/25 12:58	VX111025
67-66-3	Chloroform	0.25	U	1	0.25	1.00	ug/L	11/10/25 12:58	VX111025
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	11/10/25 12:58	VX111025
108-87-2	Methylcyclohexane	0.16	U	1	0.16	1.00	ug/L	11/10/25 12:58	VX111025
563-58-6	1,1-Dichloropropene	0.15	U	1	0.15	1.00	ug/L	11/10/25 12:58	VX111025
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	11/10/25 12:58	VX111025
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	11/10/25 12:58	VX111025
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	11/10/25 12:58	VX111025
78-87-5	1,2-Dichloropropane	0.20	U	1	0.20	1.00	ug/L	11/10/25 12:58	VX111025
74-95-3	Dibromomethane	0.25	U	1	0.25	1.00	ug/L	11/10/25 12:58	VX111025
75-27-4	Bromodichloromethane	0.22	U	1	0.22	1.00	ug/L	11/10/25 12:58	VX111025
108-10-1	4-Methyl-2-Pentanone	0.68	U	1	0.68	5.00	ug/L	11/10/25 12:58	VX111025
108-88-3	Toluene	0.14	U	1	0.14	1.00	ug/L	11/10/25 12:58	VX111025
10061-02-6	t-1,3-Dichloropropene	0.17	U	1	0.17	1.00	ug/L	11/10/25 12:58	VX111025
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1	0.16	1.00	ug/L	11/10/25 12:58	VX111025
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	11/10/25 12:58	VX111025
142-28-9	1,3-Dichloropropane	0.19	U	1	0.19	1.00	ug/L	11/10/25 12:58	VX111025
110-75-8	2-Chloroethyl Vinyl ether	0.30	U	1	0.30	5.00	ug/L	11/10/25 12:58	VX111025

Raw Data: **VX048533.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	10/31/25
Project:	Weekly Storage Blanks	Date Received:	11/07/25
Client Sample ID:	STORAGE-BLANK-WATE	SDG No.:	Q3573
Lab Sample ID:	Q3573-02	Matrix:	Water
Analytical Method:	8260D Level: LOW	% Solid:	0
Sample Wt/Vol:	5 mL Final Vol: 5000 uL	Test:	VOC- Chemtech Full

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
591-78-6	2-Hexanone	0.89	U	1	0.89	5.00	ug/L	11/10/25 12:58	VX111025
124-48-1	Dibromochloromethane	0.18	U	1	0.18	1.00	ug/L	11/10/25 12:58	VX111025
106-93-4	1,2-Dibromoethane	0.15	U	1	0.15	1.00	ug/L	11/10/25 12:58	VX111025
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	11/10/25 12:58	VX111025
108-90-7	Chlorobenzene	0.12	U	1	0.12	1.00	ug/L	11/10/25 12:58	VX111025
630-20-6	1,1,1,2-Tetrachloroethane	0.19	U	1	0.19	1.00	ug/L	11/10/25 12:58	VX111025
67-72-1	Hexachloroethane	0.32	U	1	0.32	1.00	ug/L	11/10/25 12:58	VX111025
100-41-4	Ethyl Benzene	0.13	U	1	0.13	1.00	ug/L	11/10/25 12:58	VX111025
179601-23-1	m/p-Xylenes	0.24	U	1	0.24	2.00	ug/L	11/10/25 12:58	VX111025
95-47-6	o-Xylene	0.12	U	1	0.12	1.00	ug/L	11/10/25 12:58	VX111025
100-42-5	Styrene	0.15	U	1	0.15	1.00	ug/L	11/10/25 12:58	VX111025
75-25-2	Bromoform	0.19	U	1	0.19	1.00	ug/L	11/10/25 12:58	VX111025
98-82-8	Isopropylbenzene	0.12	U	1	0.12	1.00	ug/L	11/10/25 12:58	VX111025
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	1	0.26	1.00	ug/L	11/10/25 12:58	VX111025
96-18-4	1,2,3-Trichloropropane	0.35	U	1	0.35	1.00	ug/L	11/10/25 12:58	VX111025
108-86-1	Bromobenzene	0.24	U	1	0.24	1.00	ug/L	11/10/25 12:58	VX111025
103-65-1	n-propylbenzene	0.13	U	1	0.13	1.00	ug/L	11/10/25 12:58	VX111025
95-49-8	2-Chlorotoluene	0.14	U	1	0.14	1.00	ug/L	11/10/25 12:58	VX111025
108-67-8	1,3,5-Trimethylbenzene	0.15	U	1	0.15	1.00	ug/L	11/10/25 12:58	VX111025
106-43-4	4-Chlorotoluene	0.13	U	1	0.13	1.00	ug/L	11/10/25 12:58	VX111025
98-06-6	tert-Butylbenzene	0.14	U	1	0.14	1.00	ug/L	11/10/25 12:58	VX111025
95-63-6	1,2,4-Trimethylbenzene	0.14	U	1	0.14	1.00	ug/L	11/10/25 12:58	VX111025
135-98-8	sec-Butylbenzene	0.13	U	1	0.13	1.00	ug/L	11/10/25 12:58	VX111025
99-87-6	p-Isopropyltoluene	0.13	U	1	0.13	1.00	ug/L	11/10/25 12:58	VX111025
541-73-1	1,3-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	11/10/25 12:58	VX111025
106-46-7	1,4-Dichlorobenzene	0.19	U	1	0.19	1.00	ug/L	11/10/25 12:58	VX111025
104-51-8	n-Butylbenzene	0.15	U	1	0.15	1.00	ug/L	11/10/25 12:58	VX111025
95-50-1	1,2-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	11/10/25 12:58	VX111025
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	1	0.53	1.00	ug/L	11/10/25 12:58	VX111025
120-82-1	1,2,4-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	11/10/25 12:58	VX111025
87-68-3	Hexachlorobutadiene	0.30	U	1	0.30	1.00	ug/L	11/10/25 12:58	VX111025
91-20-3	Naphthalene	0.20	U	1	0.20	1.00	ug/L	11/10/25 12:58	VX111025
87-61-6	1,2,3-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	11/10/25 12:58	VX111025
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	59.1			74 - 125	118%	SPK: 50		
1868-53-7	Dibromofluoromethane	46.2			75 - 124	92%	SPK: 50		
2037-26-5	Toluene-d8	50.7			86 - 113	101%	SPK: 50		
460-00-4	4-Bromofluorobenzene	58.8			77 - 121	118%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	178000							
540-36-3	1,4-Difluorobenzene	361000							
3114-55-4	Chlorobenzene-d5	374000							
3855-82-1	1,4-Dichlorobenzene-d4	199000							

Raw Data: **VX048533.D**

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

Client:	Chemtech Consulting Group			Date Collected:	10/31/25
Project:	Weekly Storage Blanks			Date Received:	11/07/25
Client Sample ID:	STORAGE-BLANK-WATE			SDG No.:	Q3573
Lab Sample ID:	Q3573-02			Matrix:	Water
Analytical Method:	8260D	Level:	LOW	% Solid:	0
Sample Wt/Vol:	5 mL	Final Vol:	5000 uL	Test:	VOC- Chemtech Full

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID

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\VX111025\
Data File : VX048533.D
Acq On : 10 Nov 2025 12:58
Operator : JC/MD
Sample : Q3573-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Nov 11 00:45:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration

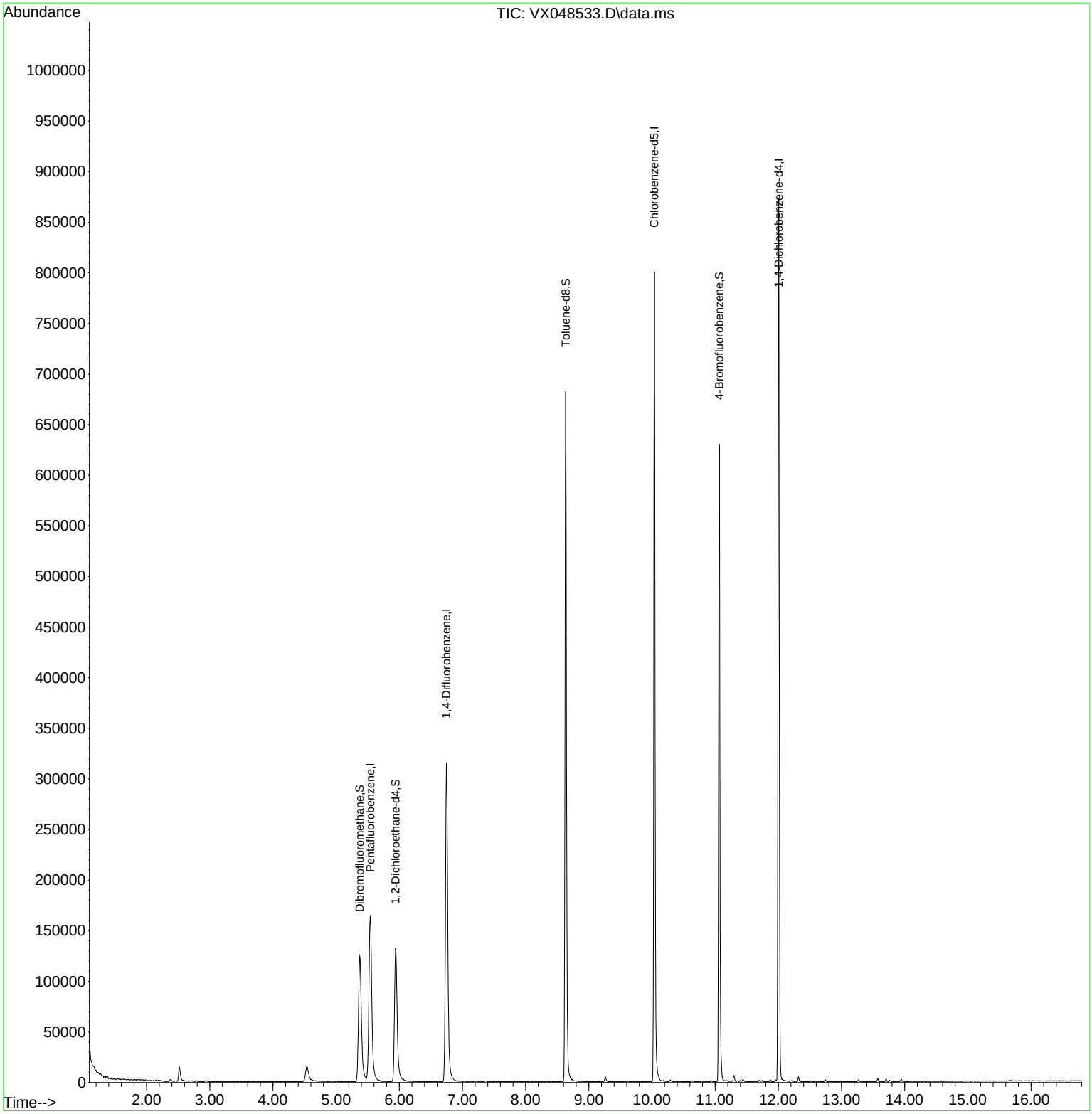
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	177862	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	361031	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	373583	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	199089	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	146410	59.075	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 118.160%#			
35) Dibromofluoromethane	5.373	113	126210	46.188	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 92.380%			
50) Toluene-d8	8.635	98	432110	50.704	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.400%			
62) 4-Bromofluorobenzene	11.061	95	186624	58.761	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 117.520%			
Target Compounds						Qvalue

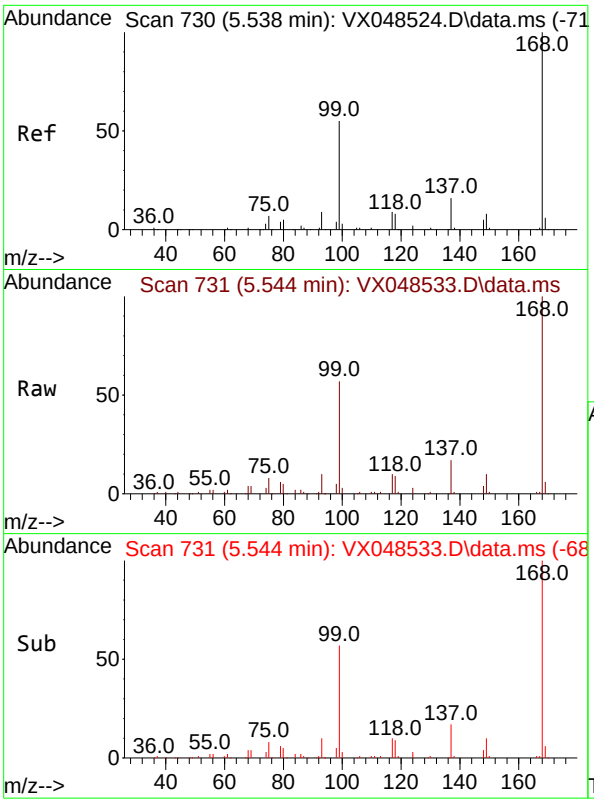
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
Data File : VX048533.D
Acq On : 10 Nov 2025 12:58
Operator : JC/MD
Sample : Q3573-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Nov 11 00:45:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration



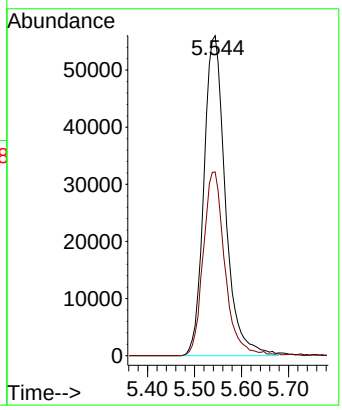


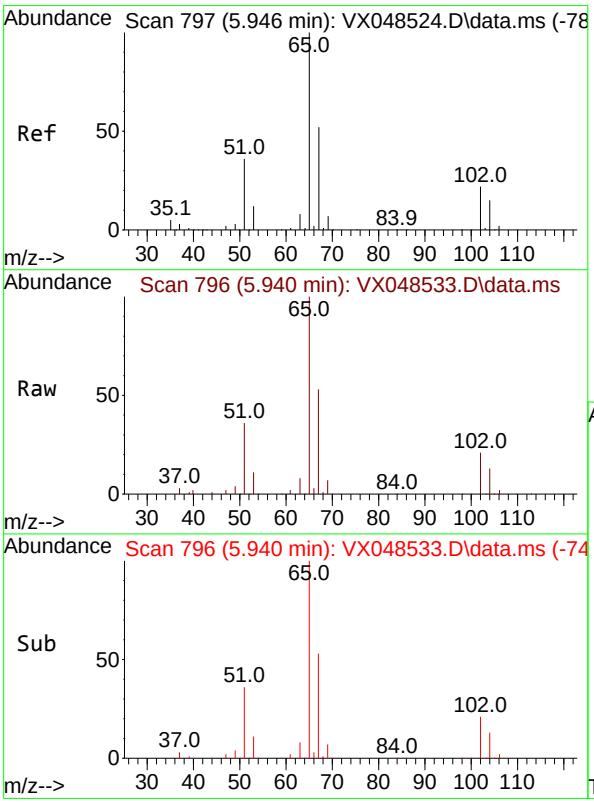
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048533.D
Acq: 10 Nov 2025 12:58

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

Tgt Ion:168 Resp: 177862

Ion	Ratio	Lower	Upper
168	100		
99	57.4	45.2	67.8

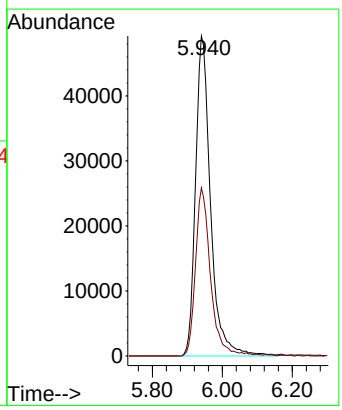


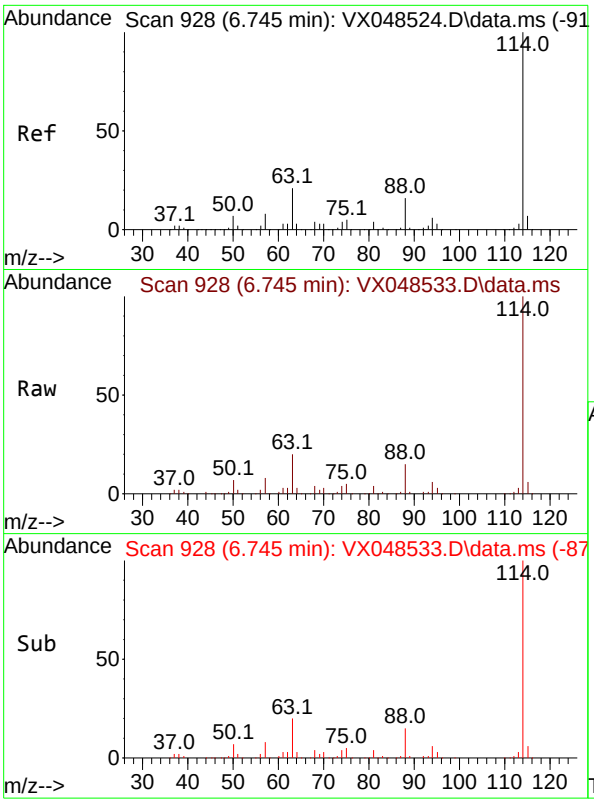


#33
1,2-Dichloroethane-d4
Concen: 59.075 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.006 min
Lab File: VX048533.D
Acq: 10 Nov 2025 12:58

Tgt Ion: 65 Resp: 146410

Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	106.2



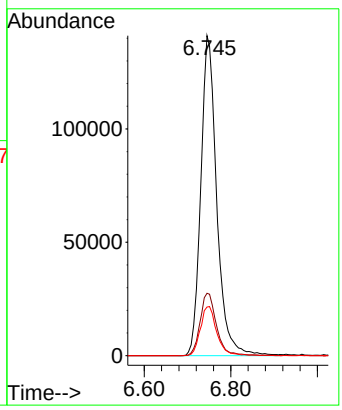


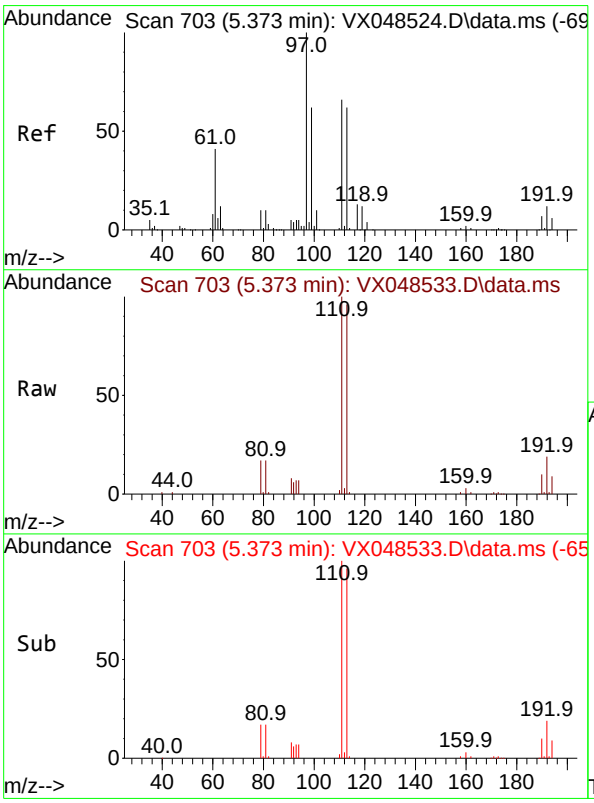
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX048533.D
Acq: 10 Nov 2025 12:58

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

Tgt Ion:114 Resp: 361031

Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	41.2
88	15.2	0.0	32.2

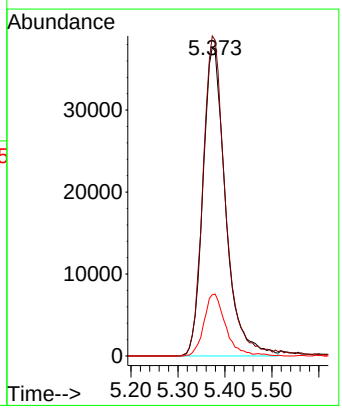


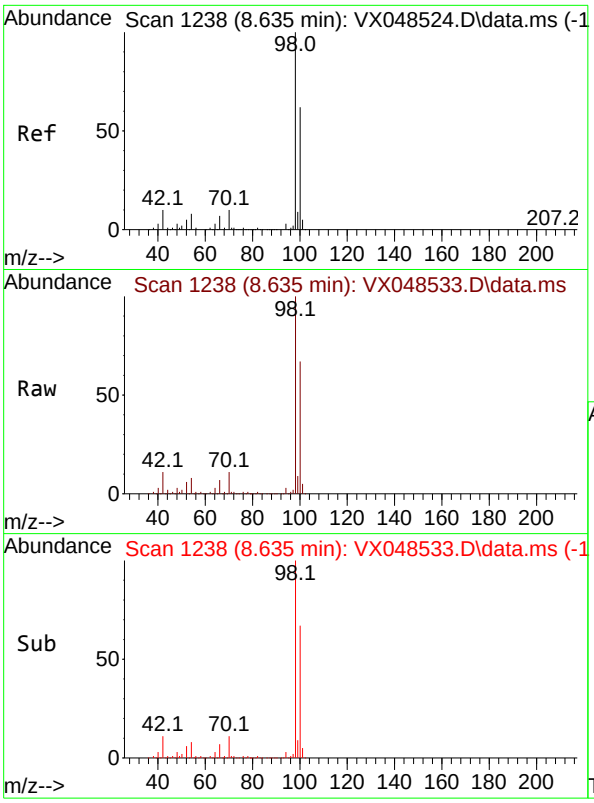


#35
Dibromofluoromethane
Concen: 46.188 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048533.D
Acq: 10 Nov 2025 12:58

Tgt Ion:113 Resp: 126210

Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.9	122.9
192	18.9	15.8	23.6



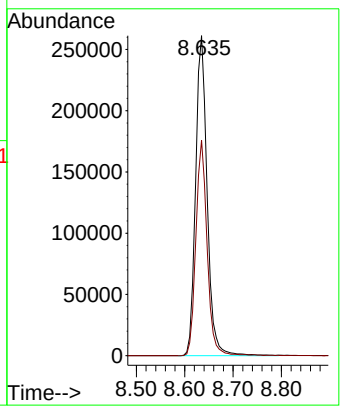


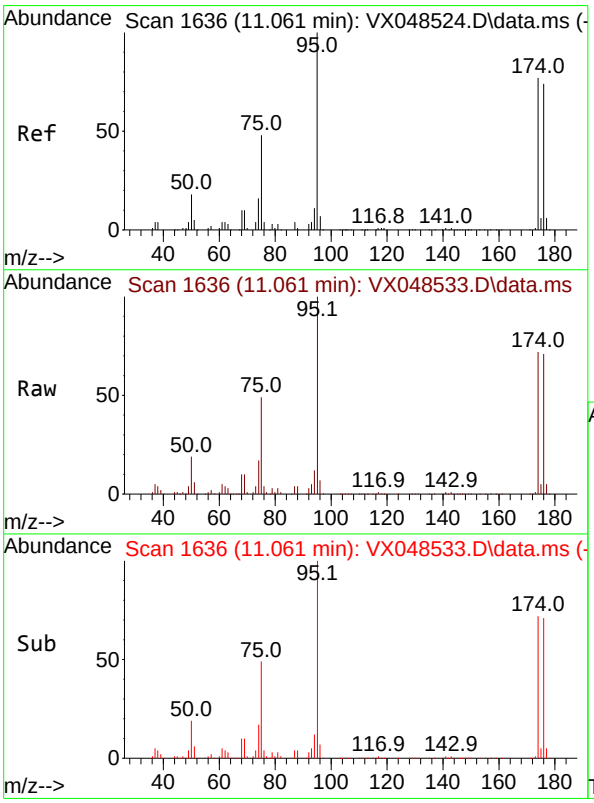
#50
Toluene-d8
Concen: 50.704 ug/l
RT: 8.635 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048533.D
Acq: 10 Nov 2025 12:58

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

Tgt Ion: 98 Resp: 432110

Ion	Ratio	Lower	Upper
98	100		
100	65.7	53.6	80.4

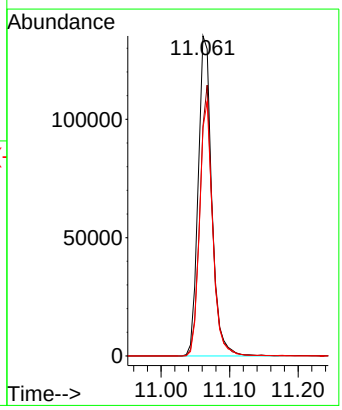


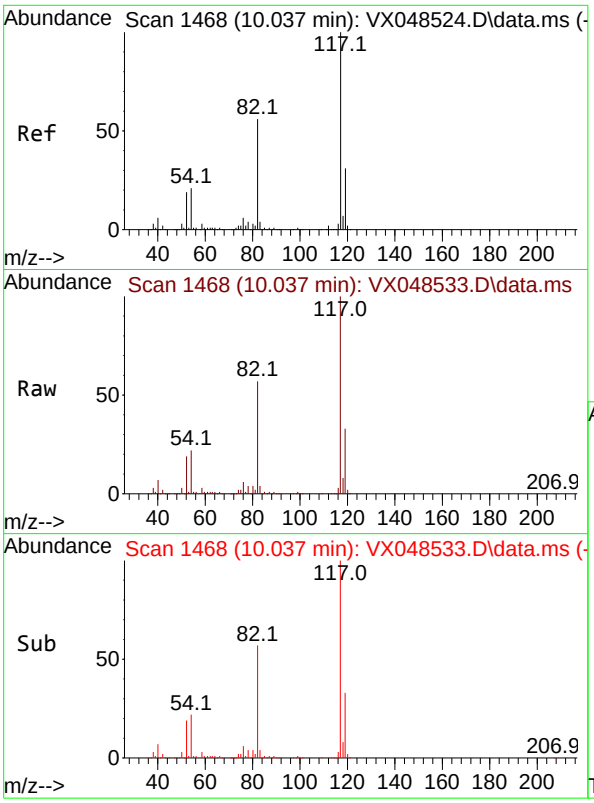


#62
4-Bromofluorobenzene
Concen: 58.761 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048533.D
Acq: 10 Nov 2025 12:58

Tgt Ion: 95 Resp: 186624

Ion	Ratio	Lower	Upper
95	100		
174	79.4	0.0	161.8
176	76.8	0.0	153.6



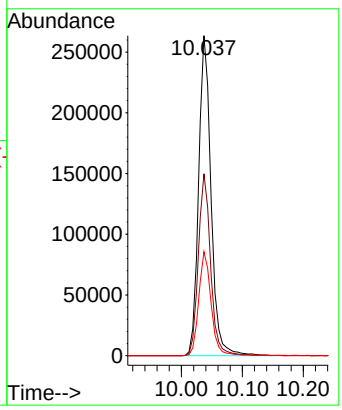


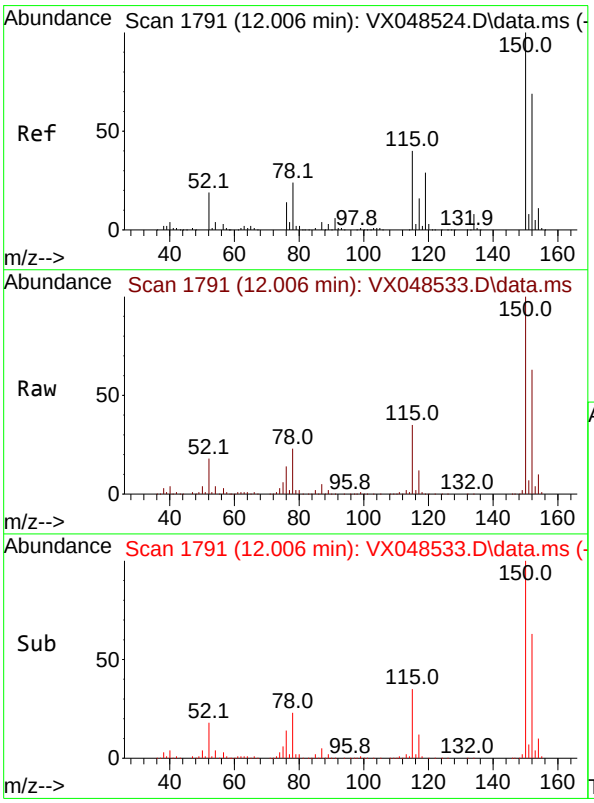
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048533.D
Acq: 10 Nov 2025 12:58

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

Tgt Ion:117 Resp: 373583

Ion	Ratio	Lower	Upper
117	100		
82	56.9	44.4	66.6
119	32.5	25.1	37.7

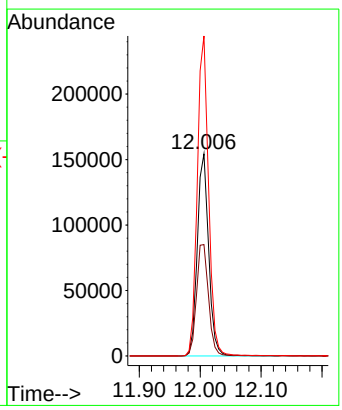




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048533.D
Acq: 10 Nov 2025 12:58

Tgt Ion:152 Resp: 199089

Ion	Ratio	Lower	Upper
152	100		
115	58.5	39.2	117.6
150	157.3	0.0	347.0



Raw Data: **VX048534.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	10/31/25
Project:	Weekly Storage Blanks	Date Received:	11/07/25
Client Sample ID:	STORAGE-BLANK-WATE	SDG No.:	Q3573
Lab Sample ID:	Q3573-03	Matrix:	Water
Analytical Method:	8260D Level: LOW	% Solid:	0
Sample Wt/Vol:	5 mL Final Vol: 5000 uL	Test:	VOC- Chemtech Full

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	0.22	U	1	0.22	1.00	ug/L	11/10/25 13:19	VX111025
74-87-3	Chloromethane	0.32	U	1	0.32	1.00	ug/L	11/10/25 13:19	VX111025
75-01-4	Vinyl Chloride	0.26	U	1	0.26	1.00	ug/L	11/10/25 13:19	VX111025
141-78-6	Ethyl Acetate	0.31	U	1	0.31	1.00	ug/L	11/10/25 13:19	VX111025
74-83-9	Bromomethane	1.40	UQ	1	1.40	5.00	ug/L	11/10/25 13:19	VX111025
75-00-3	Chloroethane	0.47	U	1	0.47	1.00	ug/L	11/10/25 13:19	VX111025
75-69-4	Trichlorofluoromethane	0.33	U	1	0.33	1.00	ug/L	11/10/25 13:19	VX111025
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	1	0.25	1.00	ug/L	11/10/25 13:19	VX111025
75-65-0	Tert butyl alcohol	5.50	U	1	5.50	25.0	ug/L	11/10/25 13:19	VX111025
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/10/25 13:19	VX111025
107-02-8	Acrolein	7.10	U	1	7.10	25.0	ug/L	11/10/25 13:19	VX111025
107-13-1	Acrylonitrile	0.83	U	1	0.83	5.00	ug/L	11/10/25 13:19	VX111025
67-64-1	Acetone	1.50	U	1	1.50	5.00	ug/L	11/10/25 13:19	VX111025
75-15-0	Carbon Disulfide	0.21	U	1	0.21	1.00	ug/L	11/10/25 13:19	VX111025
1634-04-4	Methyl tert-butyl Ether	0.16	U	1	0.16	1.00	ug/L	11/10/25 13:19	VX111025
79-20-9	Methyl Acetate	0.27	U	1	0.27	1.00	ug/L	11/10/25 13:19	VX111025
75-09-2	Methylene Chloride	0.28	U	1	0.28	1.00	ug/L	11/10/25 13:19	VX111025
156-60-5	trans-1,2-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/10/25 13:19	VX111025
108-05-4	Vinyl Acetate	0.66	U	1	0.66	5.00	ug/L	11/10/25 13:19	VX111025
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	11/10/25 13:19	VX111025
110-82-7	Cyclohexane	1.50	U	1	1.50	5.00	ug/L	11/10/25 13:19	VX111025
78-93-3	2-Butanone	0.98	U	1	0.98	5.00	ug/L	11/10/25 13:19	VX111025
56-23-5	Carbon Tetrachloride	0.25	U	1	0.25	1.00	ug/L	11/10/25 13:19	VX111025
594-20-7	2,2-Dichloropropane	0.21	U	1	0.21	1.00	ug/L	11/10/25 13:19	VX111025
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	11/10/25 13:19	VX111025
74-97-5	Bromochloromethane	0.22	U	1	0.22	1.00	ug/L	11/10/25 13:19	VX111025
67-66-3	Chloroform	0.25	U	1	0.25	1.00	ug/L	11/10/25 13:19	VX111025
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	11/10/25 13:19	VX111025
108-87-2	Methylcyclohexane	0.16	U	1	0.16	1.00	ug/L	11/10/25 13:19	VX111025
563-58-6	1,1-Dichloropropene	0.15	U	1	0.15	1.00	ug/L	11/10/25 13:19	VX111025
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	11/10/25 13:19	VX111025
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	11/10/25 13:19	VX111025
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	11/10/25 13:19	VX111025
78-87-5	1,2-Dichloropropane	0.20	U	1	0.20	1.00	ug/L	11/10/25 13:19	VX111025
74-95-3	Dibromomethane	0.25	U	1	0.25	1.00	ug/L	11/10/25 13:19	VX111025
75-27-4	Bromodichloromethane	0.22	U	1	0.22	1.00	ug/L	11/10/25 13:19	VX111025
108-10-1	4-Methyl-2-Pentanone	0.68	U	1	0.68	5.00	ug/L	11/10/25 13:19	VX111025
108-88-3	Toluene	0.14	U	1	0.14	1.00	ug/L	11/10/25 13:19	VX111025
10061-02-6	t-1,3-Dichloropropene	0.17	U	1	0.17	1.00	ug/L	11/10/25 13:19	VX111025
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1	0.16	1.00	ug/L	11/10/25 13:19	VX111025
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	11/10/25 13:19	VX111025
142-28-9	1,3-Dichloropropane	0.19	U	1	0.19	1.00	ug/L	11/10/25 13:19	VX111025
110-75-8	2-Chloroethyl Vinyl ether	0.30	U	1	0.30	5.00	ug/L	11/10/25 13:19	VX111025

Raw Data: **VX048534.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	10/31/25
Project:	Weekly Storage Blanks	Date Received:	11/07/25
Client Sample ID:	STORAGE-BLANK-WATE	SDG No.:	Q3573
Lab Sample ID:	Q3573-03	Matrix:	Water
Analytical Method:	8260D Level: LOW	% Solid:	0
Sample Wt/Vol:	5 mL Final Vol: 5000 uL	Test:	VOC- Chemtech Full

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
591-78-6	2-Hexanone	0.89	U	1	0.89	5.00	ug/L	11/10/25 13:19	VX111025
124-48-1	Dibromochloromethane	0.18	U	1	0.18	1.00	ug/L	11/10/25 13:19	VX111025
106-93-4	1,2-Dibromoethane	0.15	U	1	0.15	1.00	ug/L	11/10/25 13:19	VX111025
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	11/10/25 13:19	VX111025
108-90-7	Chlorobenzene	0.12	U	1	0.12	1.00	ug/L	11/10/25 13:19	VX111025
630-20-6	1,1,1,2-Tetrachloroethane	0.19	U	1	0.19	1.00	ug/L	11/10/25 13:19	VX111025
67-72-1	Hexachloroethane	0.32	U	1	0.32	1.00	ug/L	11/10/25 13:19	VX111025
100-41-4	Ethyl Benzene	0.13	U	1	0.13	1.00	ug/L	11/10/25 13:19	VX111025
179601-23-1	m/p-Xylenes	0.24	U	1	0.24	2.00	ug/L	11/10/25 13:19	VX111025
95-47-6	o-Xylene	0.12	U	1	0.12	1.00	ug/L	11/10/25 13:19	VX111025
100-42-5	Styrene	0.15	U	1	0.15	1.00	ug/L	11/10/25 13:19	VX111025
75-25-2	Bromoform	0.19	U	1	0.19	1.00	ug/L	11/10/25 13:19	VX111025
98-82-8	Isopropylbenzene	0.12	U	1	0.12	1.00	ug/L	11/10/25 13:19	VX111025
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	1	0.26	1.00	ug/L	11/10/25 13:19	VX111025
96-18-4	1,2,3-Trichloropropane	0.35	U	1	0.35	1.00	ug/L	11/10/25 13:19	VX111025
108-86-1	Bromobenzene	0.24	U	1	0.24	1.00	ug/L	11/10/25 13:19	VX111025
103-65-1	n-propylbenzene	0.13	U	1	0.13	1.00	ug/L	11/10/25 13:19	VX111025
95-49-8	2-Chlorotoluene	0.14	U	1	0.14	1.00	ug/L	11/10/25 13:19	VX111025
108-67-8	1,3,5-Trimethylbenzene	0.15	U	1	0.15	1.00	ug/L	11/10/25 13:19	VX111025
106-43-4	4-Chlorotoluene	0.13	U	1	0.13	1.00	ug/L	11/10/25 13:19	VX111025
98-06-6	tert-Butylbenzene	0.14	U	1	0.14	1.00	ug/L	11/10/25 13:19	VX111025
95-63-6	1,2,4-Trimethylbenzene	0.14	U	1	0.14	1.00	ug/L	11/10/25 13:19	VX111025
135-98-8	sec-Butylbenzene	0.13	U	1	0.13	1.00	ug/L	11/10/25 13:19	VX111025
99-87-6	p-Isopropyltoluene	0.13	U	1	0.13	1.00	ug/L	11/10/25 13:19	VX111025
541-73-1	1,3-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	11/10/25 13:19	VX111025
106-46-7	1,4-Dichlorobenzene	0.19	U	1	0.19	1.00	ug/L	11/10/25 13:19	VX111025
104-51-8	n-Butylbenzene	0.15	U	1	0.15	1.00	ug/L	11/10/25 13:19	VX111025
95-50-1	1,2-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	11/10/25 13:19	VX111025
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	1	0.53	1.00	ug/L	11/10/25 13:19	VX111025
120-82-1	1,2,4-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	11/10/25 13:19	VX111025
87-68-3	Hexachlorobutadiene	0.30	U	1	0.30	1.00	ug/L	11/10/25 13:19	VX111025
91-20-3	Naphthalene	0.20	U	1	0.20	1.00	ug/L	11/10/25 13:19	VX111025
87-61-6	1,2,3-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	11/10/25 13:19	VX111025
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	54.1			74 - 125	108%	SPK: 50		
1868-53-7	Dibromofluoromethane	45.3			75 - 124	91%	SPK: 50		
2037-26-5	Toluene-d8	48.5			86 - 113	97%	SPK: 50		
460-00-4	4-Bromofluorobenzene	46.6			77 - 121	93%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	159000							
540-36-3	1,4-Difluorobenzene	314000							
3114-55-4	Chlorobenzene-d5	266000							
3855-82-1	1,4-Dichlorobenzene-d4	139000							

Raw Data: **VX048534.D**

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

Report of Analysis

Client:	Chemtech Consulting Group			Date Collected:	10/31/25
Project:	Weekly Storage Blanks			Date Received:	11/07/25
Client Sample ID:	STORAGE-BLANK-WATE			SDG No.:	Q3573
Lab Sample ID:	Q3573-03			Matrix:	Water
Analytical Method:	8260D	Level:	LOW	% Solid:	0
Sample Wt/Vol:	5 mL	Final Vol:	5000 uL	Test:	VOC- Chemtech Full

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID

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\VX111025\
Data File : VX048534.D
Acq On : 10 Nov 2025 13:19
Operator : JC/MD
Sample : Q3573-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Nov 11 00:45:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.537	168	159408	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	314204	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	266311	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	138516	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	120206	54.117	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.240%			
35) Dibromofluoromethane	5.379	113	107618	45.254	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 90.500%			
50) Toluene-d8	8.634	98	359693	48.497	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.000%			
62) 4-Bromofluorobenzene	11.061	95	128809	46.602	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.200%			

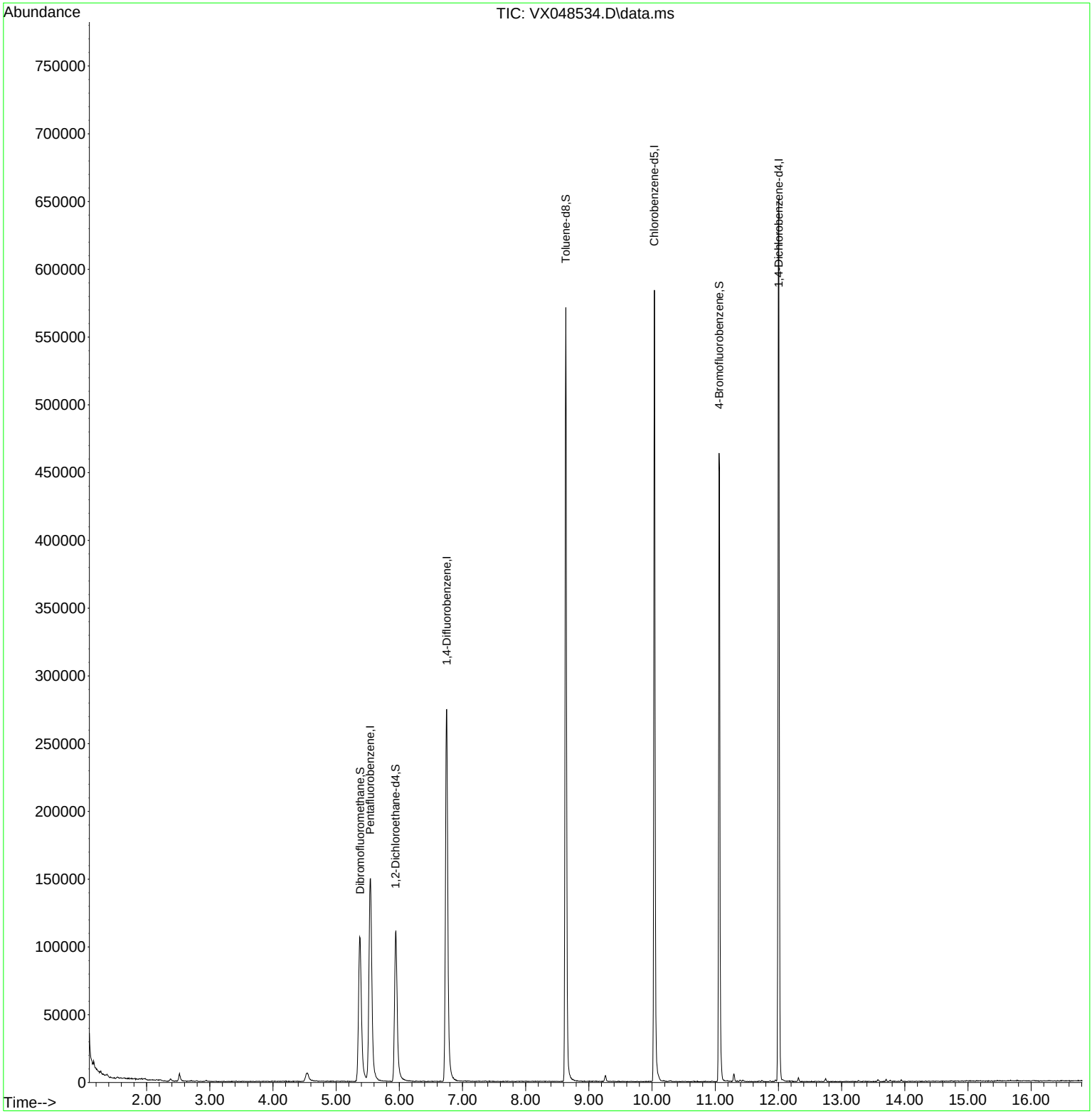
Target Compounds Qvalue

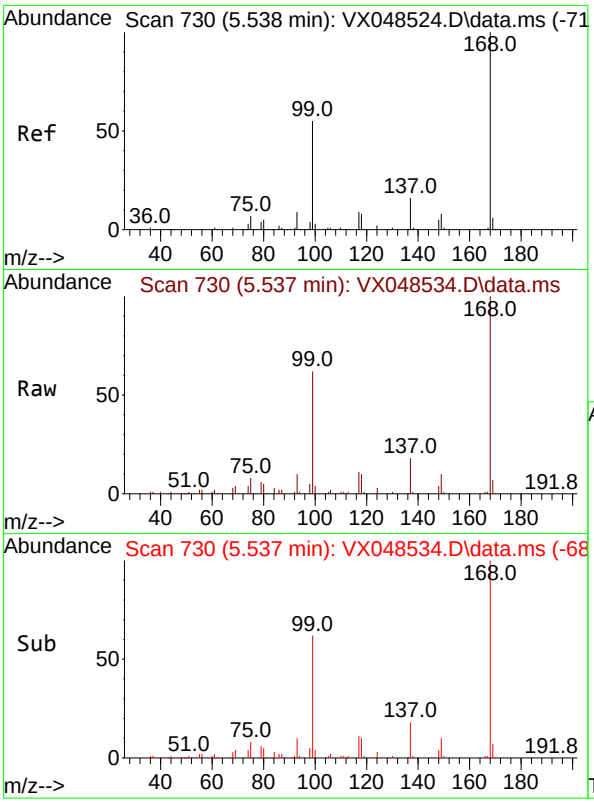
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
Data File : VX048534.D
Acq On : 10 Nov 2025 13:19
Operator : JC/MD
Sample : Q3573-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Nov 11 00:45:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration



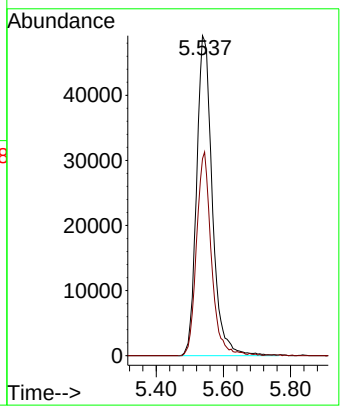


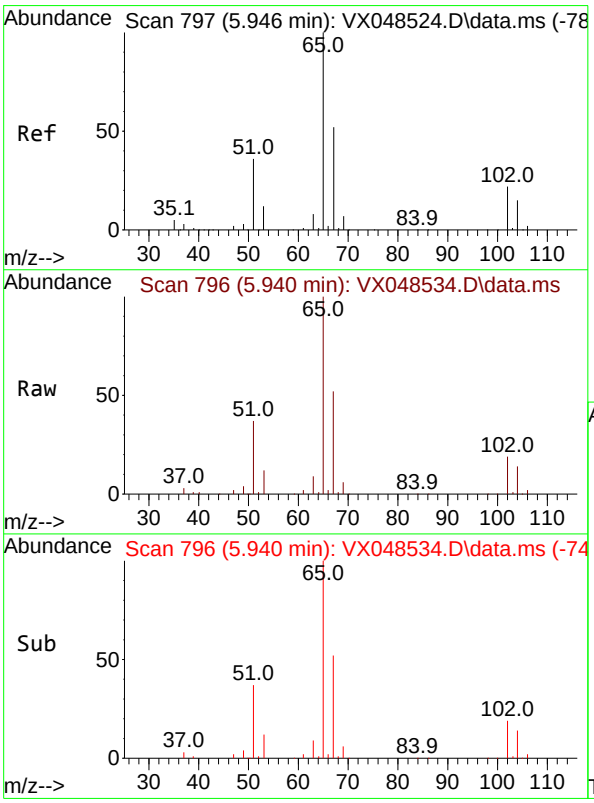
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 7
Delta R.T. -0.001 min
Lab File: VX048534.D
Acq: 10 Nov 2025 13:19

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

Tgt Ion:168 Resp: 159408

Ion	Ratio	Lower	Upper
168	100		
99	61.5	45.2	67.8

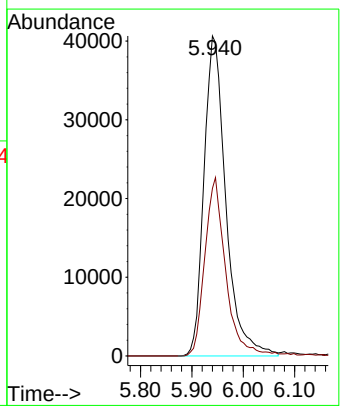


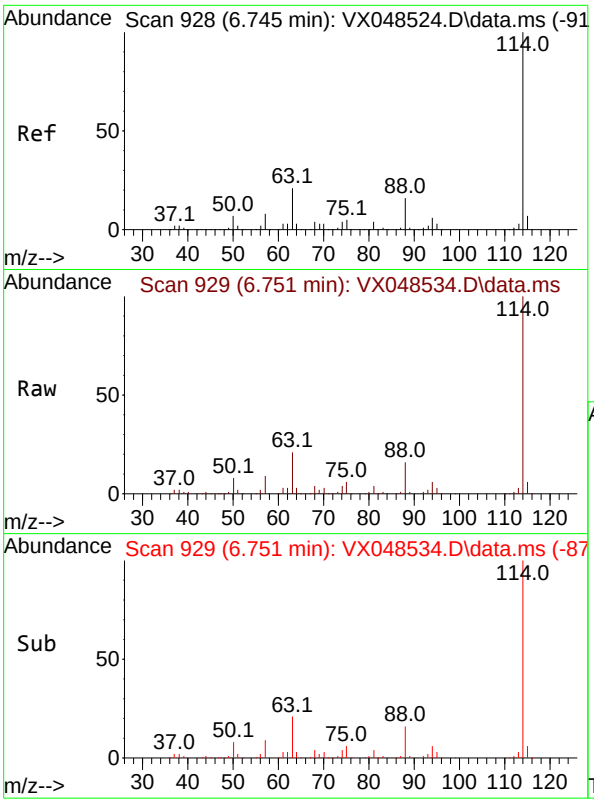


#33
1,2-Dichloroethane-d4
Concen: 54.117 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.006 min
Lab File: VX048534.D
Acq: 10 Nov 2025 13:19

Tgt Ion: 65 Resp: 120206

Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	106.2



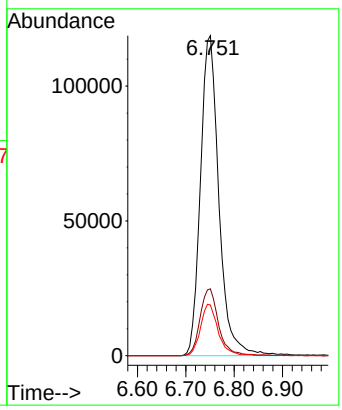


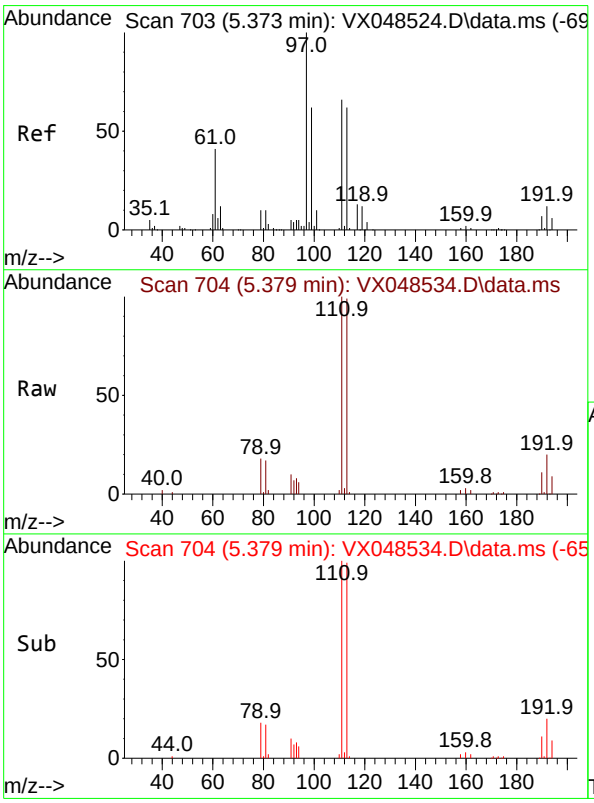
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 9
Delta R.T. 0.006 min
Lab File: VX048534.D
Acq: 10 Nov 2025 13:19

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

Tgt Ion:114 Resp: 314204

Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	41.2
88	15.9	0.0	32.2

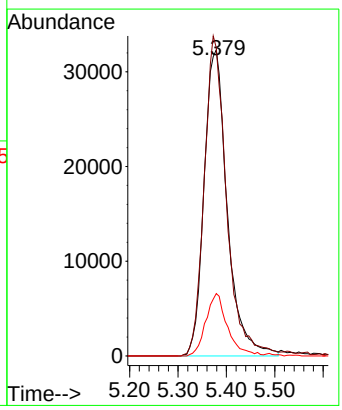


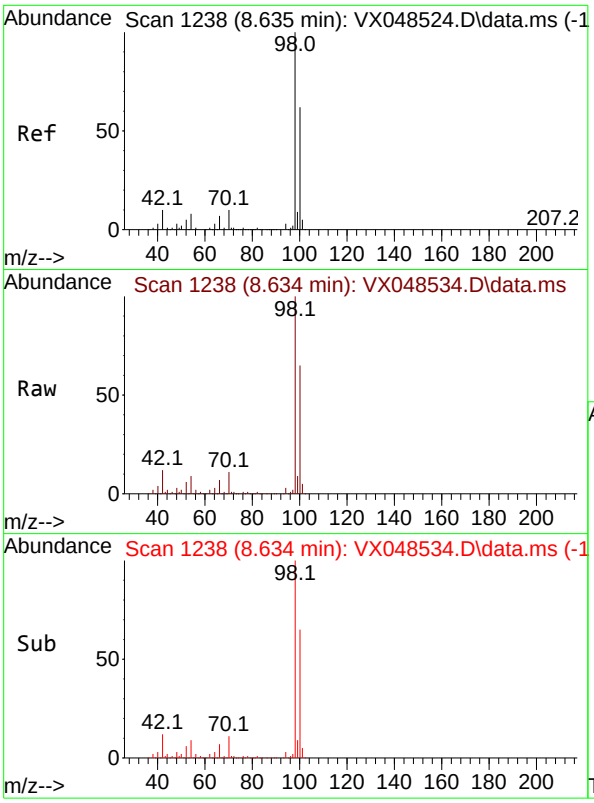


#35
Dibromofluoromethane
Concen: 45.254 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048534.D
Acq: 10 Nov 2025 13:19

Tgt Ion:113 Resp: 107618

Ion	Ratio	Lower	Upper
113	100		
111	100.7	81.9	122.9
192	19.0	15.8	23.6



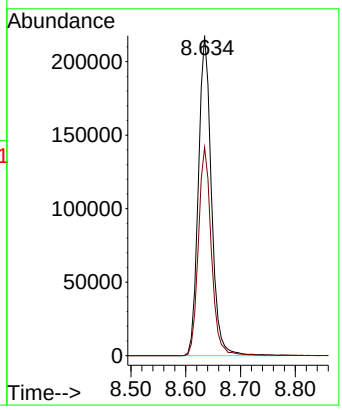


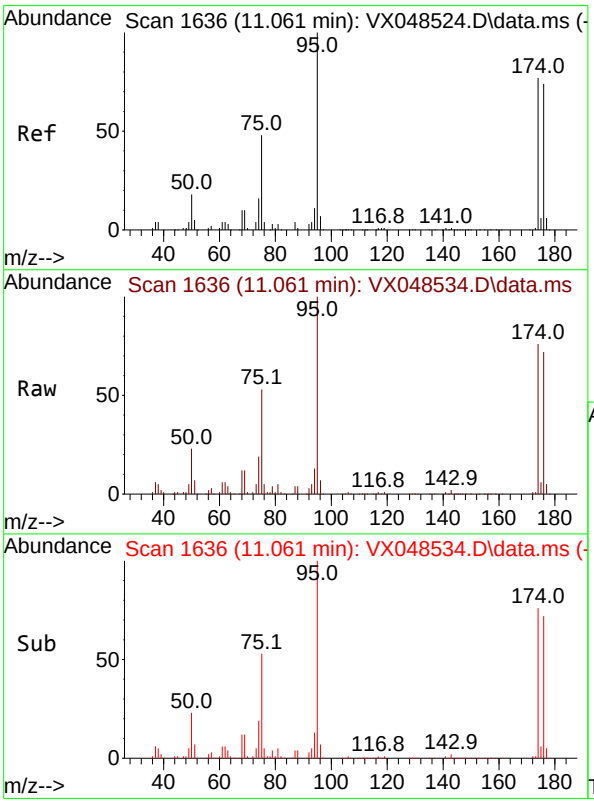
#50
Toluene-d8
Concen: 48.497 ug/l
RT: 8.634 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048534.D
Acq: 10 Nov 2025 13:19

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

Tgt Ion: 98 Resp: 359693

Ion	Ratio	Lower	Upper
98	100		
100	65.0	53.6	80.4

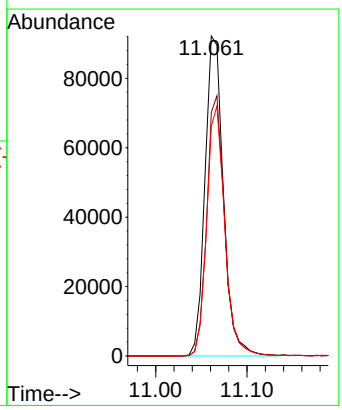


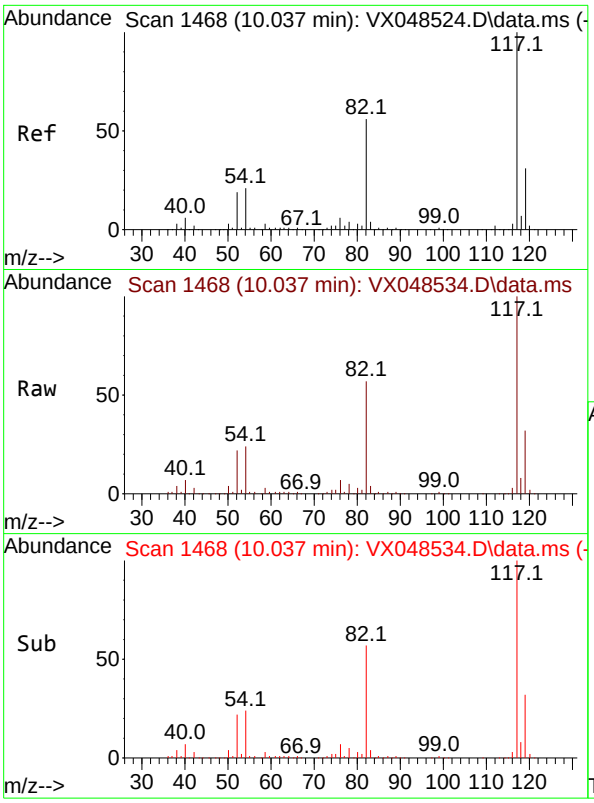


#62
4-Bromofluorobenzene
Concen: 46.602 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048534.D
Acq: 10 Nov 2025 13:19

Tgt Ion: 95 Resp: 128809

Ion	Ratio	Lower	Upper
95	100		
174	79.1	0.0	161.8
176	76.6	0.0	153.6



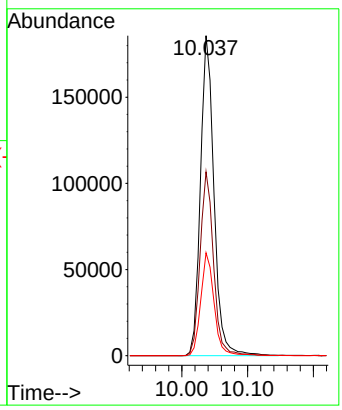


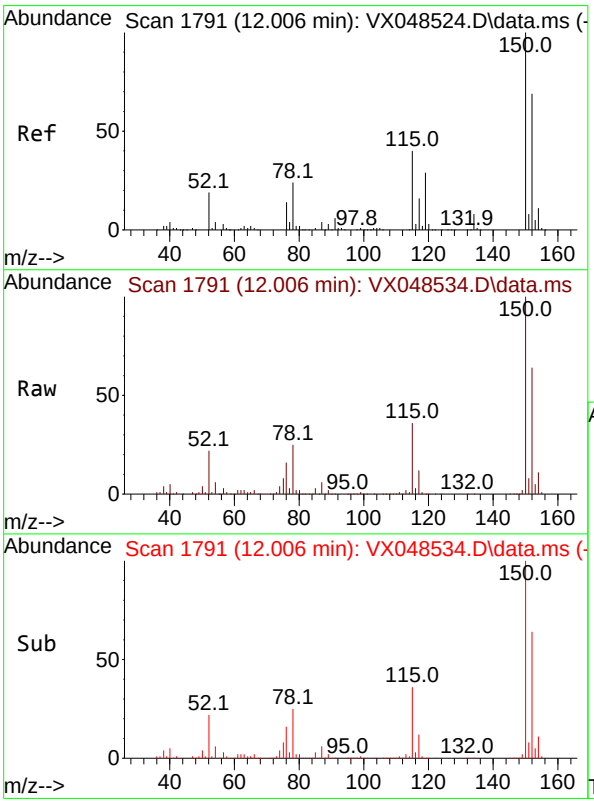
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048534.D
Acq: 10 Nov 2025 13:19

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

Tgt Ion:117 Resp: 266311

Ion	Ratio	Lower	Upper
117	100		
82	57.4	44.4	66.6
119	32.1	25.1	37.7

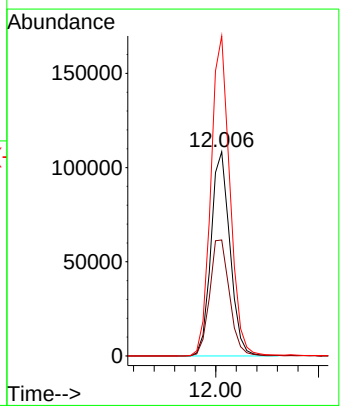




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048534.D
Acq: 10 Nov 2025 13:19

Tgt Ion:152 Resp: 138516

Ion	Ratio	Lower	Upper
152	100		
115	59.4	39.2	117.6
150	156.9	0.0	347.0



Raw Data: **VX048535.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	10/31/25
Project:	Weekly Storage Blanks	Date Received:	11/07/25
Client Sample ID:	STORAGE-BLANK-SAMP	SDG No.:	Q3573
Lab Sample ID:	Q3573-04	Matrix:	Water
Analytical Method:	8260D Level: LOW	% Solid:	0
Sample Wt/Vol:	5 mL Final Vol: 5000 uL	Test:	VOC- Chemtech Full

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	0.22	U	1	0.22	1.00	ug/L	11/10/25 13:43	VX111025
74-87-3	Chloromethane	0.32	U	1	0.32	1.00	ug/L	11/10/25 13:43	VX111025
75-01-4	Vinyl Chloride	0.26	U	1	0.26	1.00	ug/L	11/10/25 13:43	VX111025
141-78-6	Ethyl Acetate	0.31	U	1	0.31	1.00	ug/L	11/10/25 13:43	VX111025
74-83-9	Bromomethane	1.40	UQ	1	1.40	5.00	ug/L	11/10/25 13:43	VX111025
75-00-3	Chloroethane	0.47	U	1	0.47	1.00	ug/L	11/10/25 13:43	VX111025
75-69-4	Trichlorofluoromethane	0.33	U	1	0.33	1.00	ug/L	11/10/25 13:43	VX111025
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	1	0.25	1.00	ug/L	11/10/25 13:43	VX111025
75-65-0	Tert butyl alcohol	5.50	U	1	5.50	25.0	ug/L	11/10/25 13:43	VX111025
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/10/25 13:43	VX111025
107-02-8	Acrolein	7.10	U	1	7.10	25.0	ug/L	11/10/25 13:43	VX111025
107-13-1	Acrylonitrile	0.83	U	1	0.83	5.00	ug/L	11/10/25 13:43	VX111025
67-64-1	Acetone	1.50	U	1	1.50	5.00	ug/L	11/10/25 13:43	VX111025
75-15-0	Carbon Disulfide	0.21	U	1	0.21	1.00	ug/L	11/10/25 13:43	VX111025
1634-04-4	Methyl tert-butyl Ether	0.16	U	1	0.16	1.00	ug/L	11/10/25 13:43	VX111025
79-20-9	Methyl Acetate	0.27	U	1	0.27	1.00	ug/L	11/10/25 13:43	VX111025
75-09-2	Methylene Chloride	0.28	U	1	0.28	1.00	ug/L	11/10/25 13:43	VX111025
156-60-5	trans-1,2-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/10/25 13:43	VX111025
108-05-4	Vinyl Acetate	0.66	U	1	0.66	5.00	ug/L	11/10/25 13:43	VX111025
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	11/10/25 13:43	VX111025
110-82-7	Cyclohexane	1.50	U	1	1.50	5.00	ug/L	11/10/25 13:43	VX111025
78-93-3	2-Butanone	0.98	U	1	0.98	5.00	ug/L	11/10/25 13:43	VX111025
56-23-5	Carbon Tetrachloride	0.25	U	1	0.25	1.00	ug/L	11/10/25 13:43	VX111025
594-20-7	2,2-Dichloropropane	0.21	U	1	0.21	1.00	ug/L	11/10/25 13:43	VX111025
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	11/10/25 13:43	VX111025
74-97-5	Bromochloromethane	0.22	U	1	0.22	1.00	ug/L	11/10/25 13:43	VX111025
67-66-3	Chloroform	0.25	U	1	0.25	1.00	ug/L	11/10/25 13:43	VX111025
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	11/10/25 13:43	VX111025
108-87-2	Methylcyclohexane	0.16	U	1	0.16	1.00	ug/L	11/10/25 13:43	VX111025
563-58-6	1,1-Dichloropropene	0.15	U	1	0.15	1.00	ug/L	11/10/25 13:43	VX111025
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	11/10/25 13:43	VX111025
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	11/10/25 13:43	VX111025
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	11/10/25 13:43	VX111025
78-87-5	1,2-Dichloropropane	0.20	U	1	0.20	1.00	ug/L	11/10/25 13:43	VX111025
74-95-3	Dibromomethane	0.25	U	1	0.25	1.00	ug/L	11/10/25 13:43	VX111025
75-27-4	Bromodichloromethane	0.22	U	1	0.22	1.00	ug/L	11/10/25 13:43	VX111025
108-10-1	4-Methyl-2-Pentanone	0.68	U	1	0.68	5.00	ug/L	11/10/25 13:43	VX111025
108-88-3	Toluene	0.14	U	1	0.14	1.00	ug/L	11/10/25 13:43	VX111025
10061-02-6	t-1,3-Dichloropropene	0.17	U	1	0.17	1.00	ug/L	11/10/25 13:43	VX111025
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1	0.16	1.00	ug/L	11/10/25 13:43	VX111025
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	11/10/25 13:43	VX111025
142-28-9	1,3-Dichloropropane	0.19	U	1	0.19	1.00	ug/L	11/10/25 13:43	VX111025
110-75-8	2-Chloroethyl Vinyl ether	0.30	U	1	0.30	5.00	ug/L	11/10/25 13:43	VX111025

Raw Data: **VX048535.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	10/31/25
Project:	Weekly Storage Blanks	Date Received:	11/07/25
Client Sample ID:	STORAGE-BLANK-SAMP	SDG No.:	Q3573
Lab Sample ID:	Q3573-04	Matrix:	Water
Analytical Method:	8260D Level: LOW	% Solid:	0
Sample Wt/Vol:	5 mL Final Vol: 5000 uL	Test:	VOC- Chemtech Full

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
591-78-6	2-Hexanone	0.89	U	1	0.89	5.00	ug/L	11/10/25 13:43	VX111025
124-48-1	Dibromochloromethane	0.18	U	1	0.18	1.00	ug/L	11/10/25 13:43	VX111025
106-93-4	1,2-Dibromoethane	0.15	U	1	0.15	1.00	ug/L	11/10/25 13:43	VX111025
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	11/10/25 13:43	VX111025
108-90-7	Chlorobenzene	0.12	U	1	0.12	1.00	ug/L	11/10/25 13:43	VX111025
630-20-6	1,1,1,2-Tetrachloroethane	0.19	U	1	0.19	1.00	ug/L	11/10/25 13:43	VX111025
67-72-1	Hexachloroethane	0.32	U	1	0.32	1.00	ug/L	11/10/25 13:43	VX111025
100-41-4	Ethyl Benzene	0.13	U	1	0.13	1.00	ug/L	11/10/25 13:43	VX111025
179601-23-1	m/p-Xylenes	0.24	U	1	0.24	2.00	ug/L	11/10/25 13:43	VX111025
95-47-6	o-Xylene	0.12	U	1	0.12	1.00	ug/L	11/10/25 13:43	VX111025
100-42-5	Styrene	0.15	U	1	0.15	1.00	ug/L	11/10/25 13:43	VX111025
75-25-2	Bromoform	0.19	U	1	0.19	1.00	ug/L	11/10/25 13:43	VX111025
98-82-8	Isopropylbenzene	0.12	U	1	0.12	1.00	ug/L	11/10/25 13:43	VX111025
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	1	0.26	1.00	ug/L	11/10/25 13:43	VX111025
96-18-4	1,2,3-Trichloropropane	0.35	U	1	0.35	1.00	ug/L	11/10/25 13:43	VX111025
108-86-1	Bromobenzene	0.24	U	1	0.24	1.00	ug/L	11/10/25 13:43	VX111025
103-65-1	n-propylbenzene	0.13	U	1	0.13	1.00	ug/L	11/10/25 13:43	VX111025
95-49-8	2-Chlorotoluene	0.14	U	1	0.14	1.00	ug/L	11/10/25 13:43	VX111025
108-67-8	1,3,5-Trimethylbenzene	0.15	U	1	0.15	1.00	ug/L	11/10/25 13:43	VX111025
106-43-4	4-Chlorotoluene	0.13	U	1	0.13	1.00	ug/L	11/10/25 13:43	VX111025
98-06-6	tert-Butylbenzene	0.14	U	1	0.14	1.00	ug/L	11/10/25 13:43	VX111025
95-63-6	1,2,4-Trimethylbenzene	0.14	U	1	0.14	1.00	ug/L	11/10/25 13:43	VX111025
135-98-8	sec-Butylbenzene	0.13	U	1	0.13	1.00	ug/L	11/10/25 13:43	VX111025
99-87-6	p-Isopropyltoluene	0.13	U	1	0.13	1.00	ug/L	11/10/25 13:43	VX111025
541-73-1	1,3-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	11/10/25 13:43	VX111025
106-46-7	1,4-Dichlorobenzene	0.19	U	1	0.19	1.00	ug/L	11/10/25 13:43	VX111025
104-51-8	n-Butylbenzene	0.15	U	1	0.15	1.00	ug/L	11/10/25 13:43	VX111025
95-50-1	1,2-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	11/10/25 13:43	VX111025
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	1	0.53	1.00	ug/L	11/10/25 13:43	VX111025
120-82-1	1,2,4-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	11/10/25 13:43	VX111025
87-68-3	Hexachlorobutadiene	0.30	U	1	0.30	1.00	ug/L	11/10/25 13:43	VX111025
91-20-3	Naphthalene	0.20	U	1	0.20	1.00	ug/L	11/10/25 13:43	VX111025
87-61-6	1,2,3-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	11/10/25 13:43	VX111025
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	59.6			74 - 125	119%	SPK: 50		
1868-53-7	Dibromofluoromethane	43.9			75 - 124	88%	SPK: 50		
2037-26-5	Toluene-d8	50.1			86 - 113	100%	SPK: 50		
460-00-4	4-Bromofluorobenzene	46.9			77 - 121	94%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	155000							
540-36-3	1,4-Difluorobenzene	331000							
3114-55-4	Chlorobenzene-d5	322000							
3855-82-1	1,4-Dichlorobenzene-d4	148000							

Raw Data: **VX048535.D**

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

Report of Analysis

Client:	Chemtech Consulting Group			Date Collected:	10/31/25
Project:	Weekly Storage Blanks			Date Received:	11/07/25
Client Sample ID:	STORAGE-BLANK-SAMP			SDG No.:	Q3573
Lab Sample ID:	Q3573-04			Matrix:	Water
Analytical Method:	8260D	Level:	LOW	% Solid:	0
Sample Wt/Vol:	5 mL	Final Vol:	5000 uL	Test:	VOC- Chemtech Full

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID

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

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

Sample Results: **VX048535.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
Data File : VX048535.D
Acq On : 10 Nov 2025 13:43
Operator : JC/MD
Sample : Q3573-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Nov 11 00:46:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.538	168	155276	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	330639	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	321826	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	147785	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	128969	59.607	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 119.220%#			
35) Dibromofluoromethane	5.367	113	109952	43.937	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 87.880%			
50) Toluene-d8	8.635	98	391176	50.120	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.240%			
62) 4-Bromofluorobenzene	11.061	95	136548	46.946	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.900%			

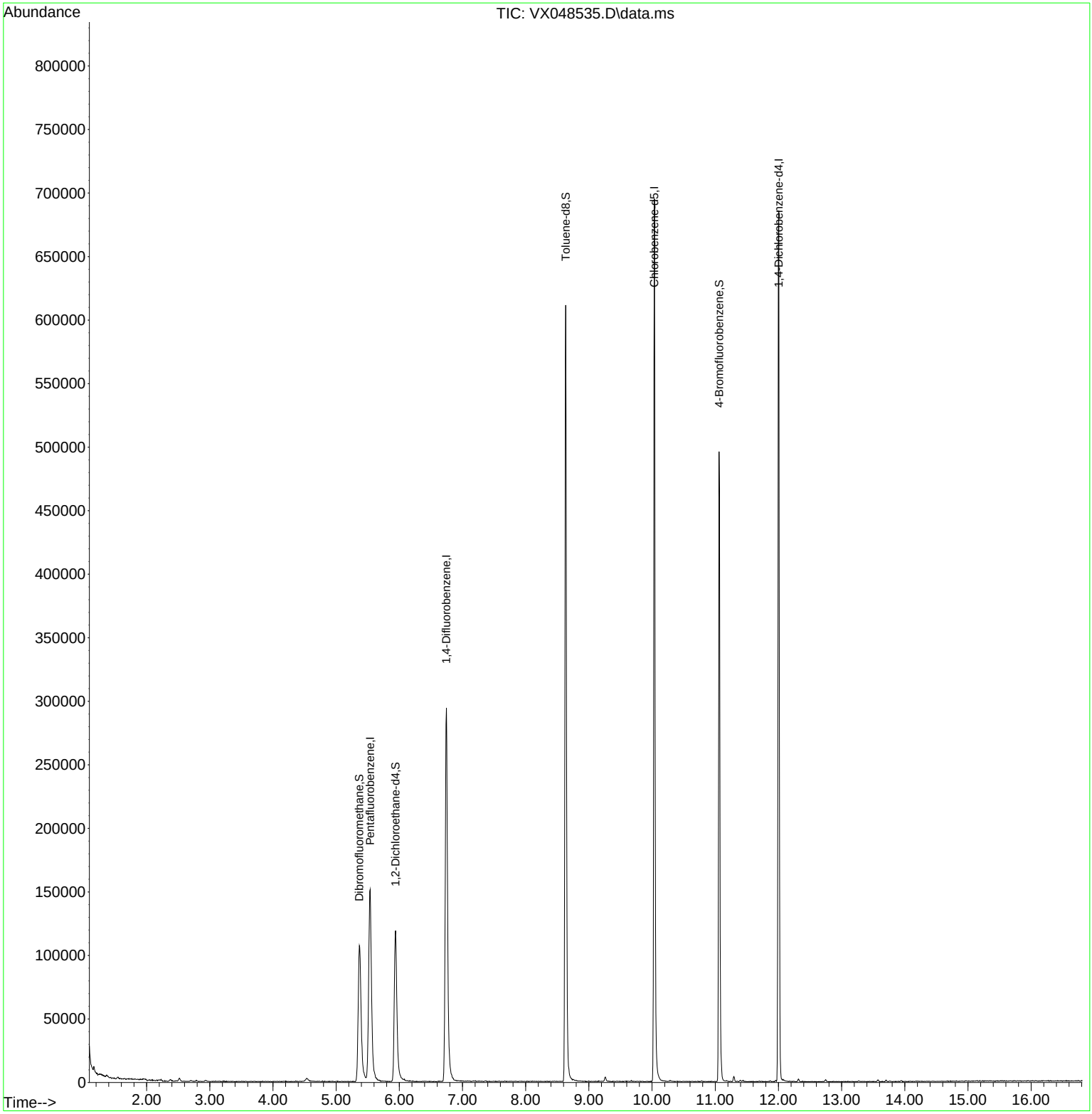
Target Compounds Qvalue

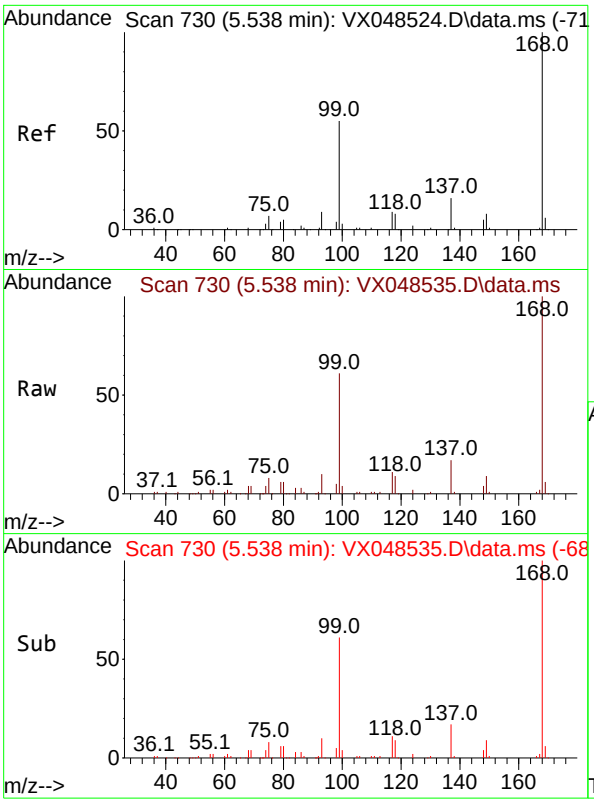
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
Data File : VX048535.D
Acq On : 10 Nov 2025 13:43
Operator : JC/MD
Sample : Q3573-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Nov 11 00:46:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration



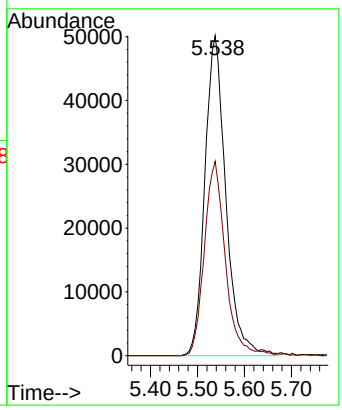


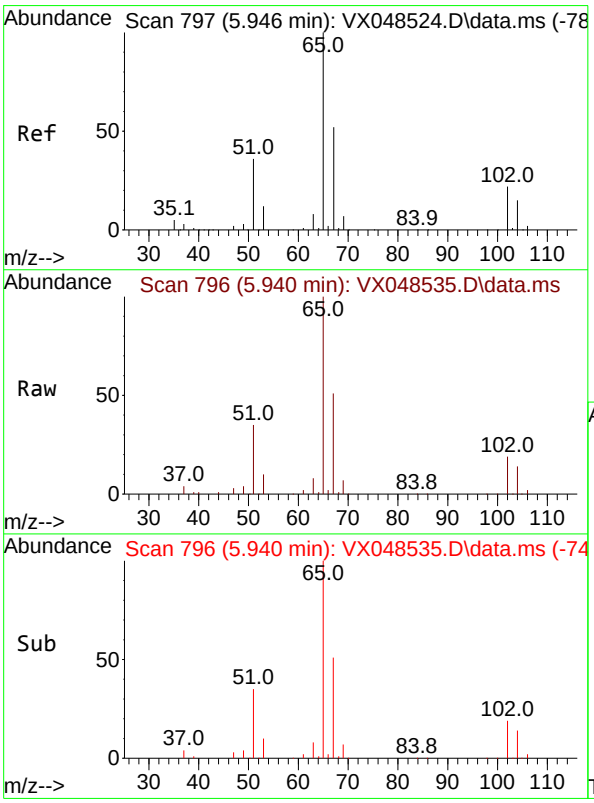
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048535.D
Acq: 10 Nov 2025 13:43

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

Tgt Ion:168 Resp: 155276

Ion	Ratio	Lower	Upper
168	100		
99	60.8	45.2	67.8

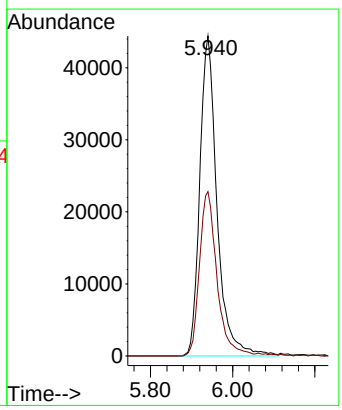


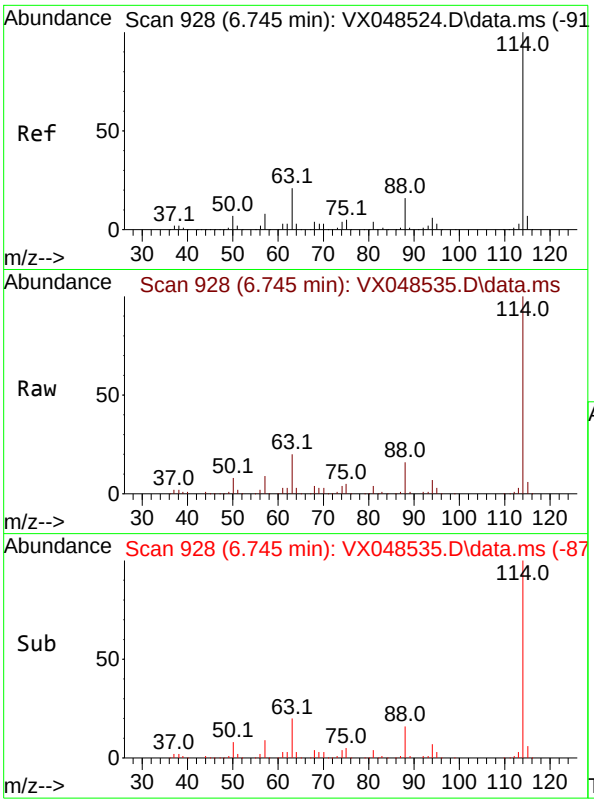


#33
1,2-Dichloroethane-d4
Concen: 59.607 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.006 min
Lab File: VX048535.D
Acq: 10 Nov 2025 13:43

Tgt Ion: 65 Resp: 128969

Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	106.2



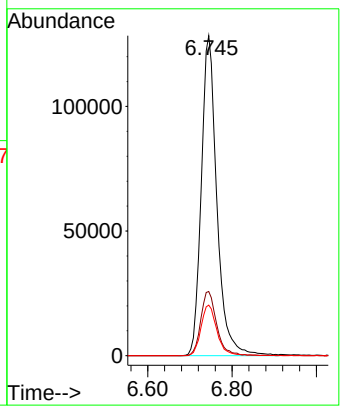


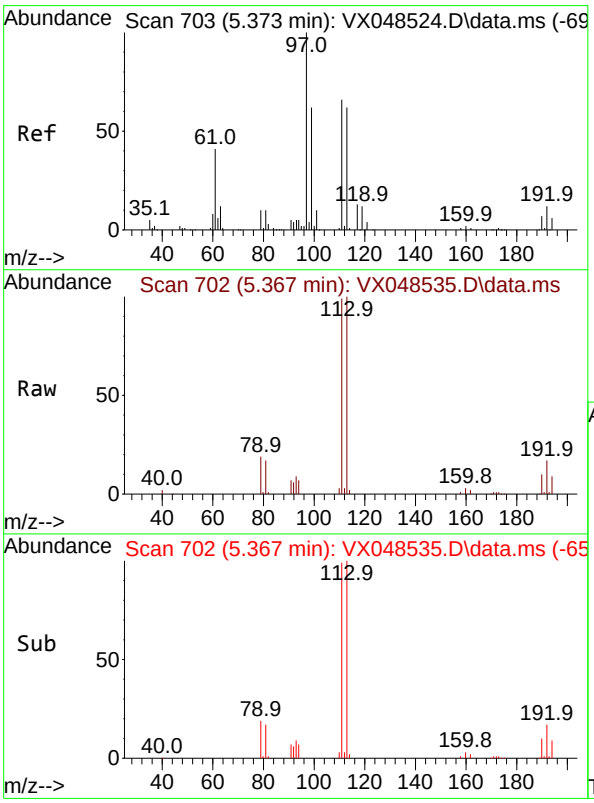
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX048535.D
Acq: 10 Nov 2025 13:43

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

Tgt Ion:114 Resp: 330639

Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	41.2
88	15.8	0.0	32.2

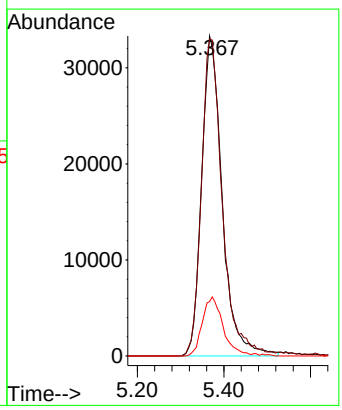


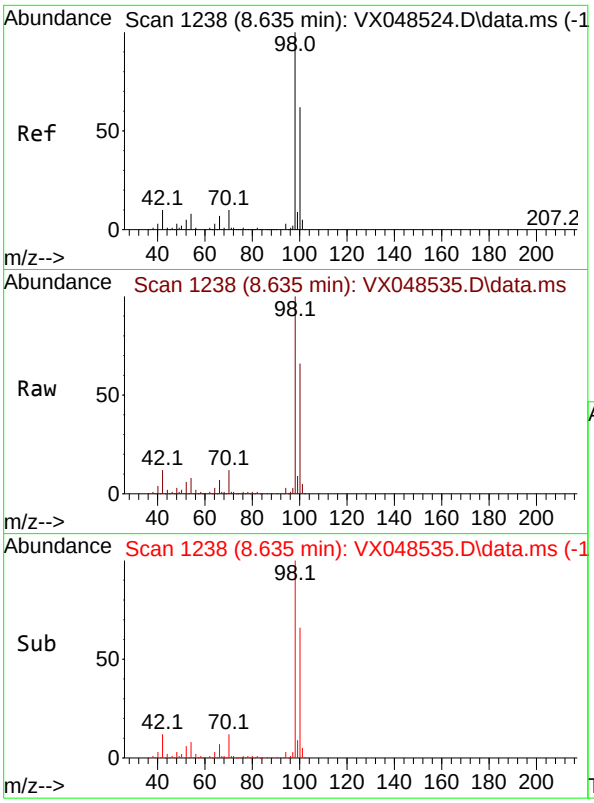


#35
Dibromofluoromethane
Concen: 43.937 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048535.D
Acq: 10 Nov 2025 13:43

Tgt Ion:113 Resp: 109952

Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.9	122.9
192	18.5	15.8	23.6



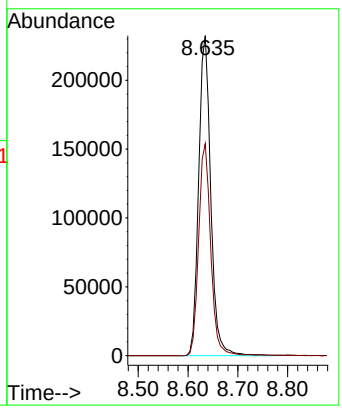


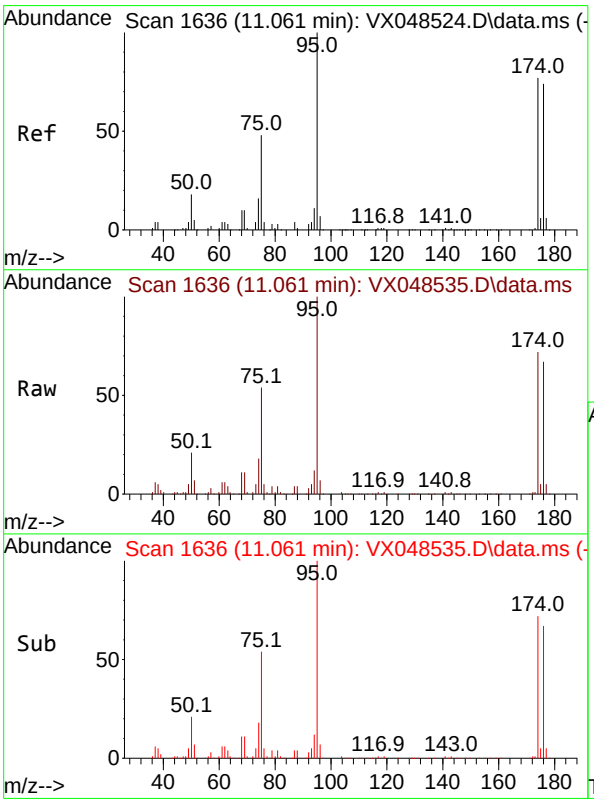
#50
Toluene-d8
Concen: 50.120 ug/l
RT: 8.635 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048535.D
Acq: 10 Nov 2025 13:43

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

Tgt Ion: 98 Resp: 391176

Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.6	80.4

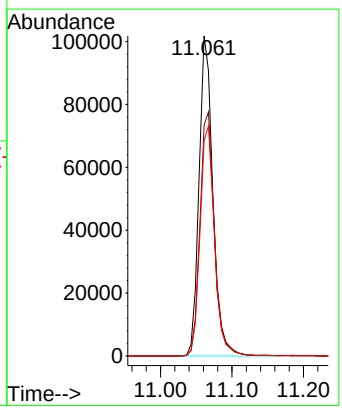


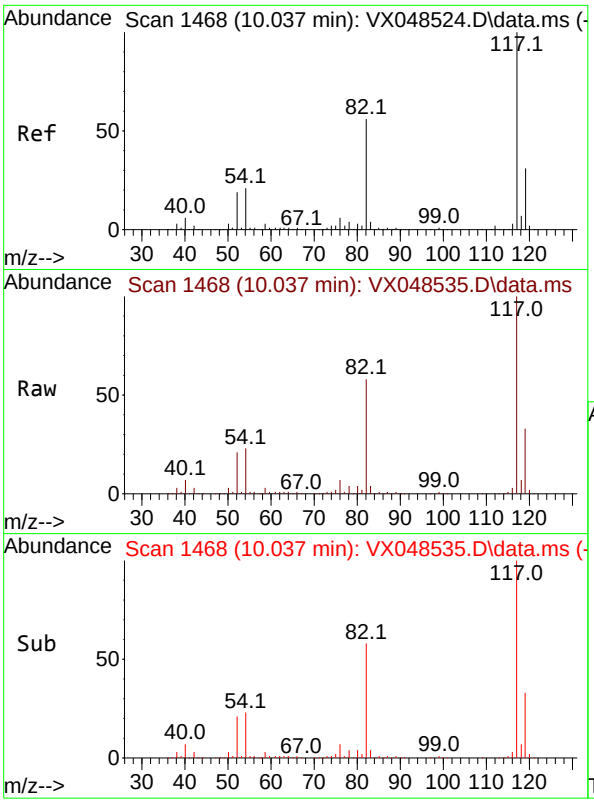


#62
4-Bromofluorobenzene
Concen: 46.946 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048535.D
Acq: 10 Nov 2025 13:43

Tgt Ion: 95 Resp: 136548

Ion	Ratio	Lower	Upper
95	100		
174	79.7	0.0	161.8
176	74.9	0.0	153.6



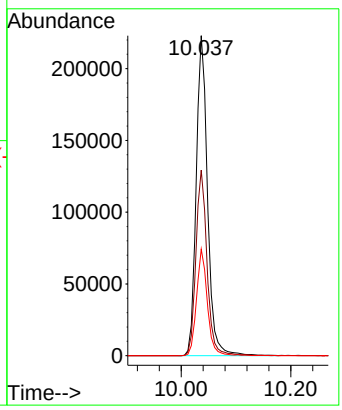


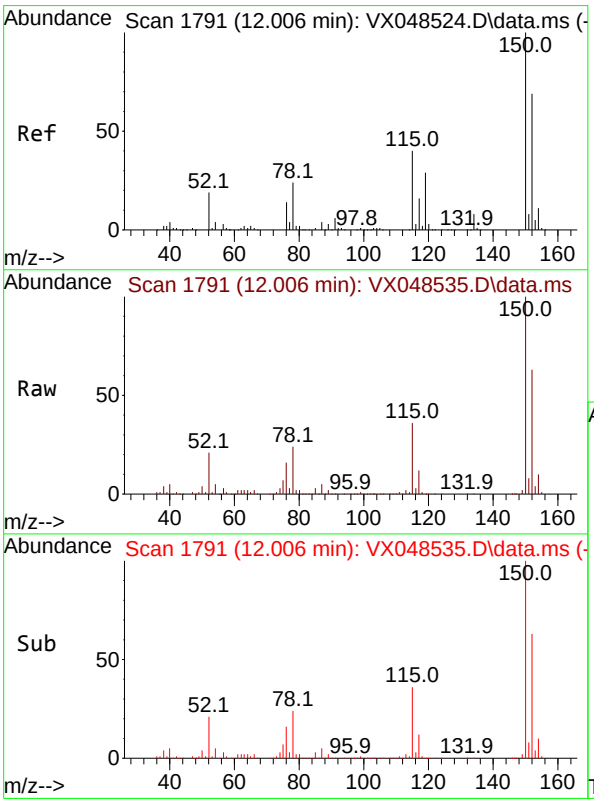
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048535.D
Acq: 10 Nov 2025 13:43

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

Tgt Ion:117 Resp: 321826

Ion	Ratio	Lower	Upper
117	100		
82	58.0	44.4	66.6
119	33.3	25.1	37.7

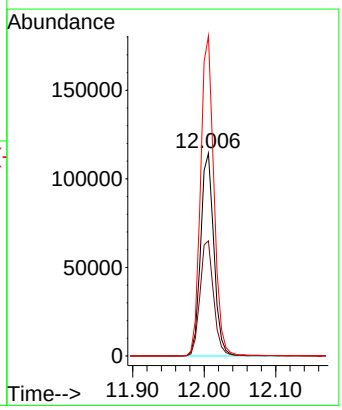




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048535.D
Acq: 10 Nov 2025 13:43

Tgt Ion:152 Resp: 147785

Ion	Ratio	Lower	Upper
152	100		
115	58.1	39.2	117.6
150	158.8	0.0	347.0



CALIBRATION SUMMARY

Raw Data

Alliance TECHNICAL GROUP

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: CHEM02

Lab Code: ACE SDG No.: Q3573

Instrument ID: MSVOA_X Calibration Date(s): 11/07/2025 11/07/2025

Heated Purge: (Y/N) N Calibration Time(s): 13:35 16:29

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

LAB FILE ID: RRF001 = VX048516.D RRF005 = VX048517.D RRF020 = VX048518.D
RRF100 = VX048520.D RRF150 = VX048521.D RRF050 = VX048524.D

COMPOUND	RRF001	RRF005	RRF020	RRF100	RRF150	RRF050	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.365	0.364	0.352	0.452	0.474	0.424	0.405	12.8
Chloromethane	0.603	0.457	0.425	0.581	0.565	0.592	0.537	14.2
Vinyl Chloride	0.666	0.579	0.608	0.601	0.597	0.600	0.608	4.9
Ethyl Acetate	0.748	0.901	0.676	0.648	0.639	0.667	0.713	14
Bromomethane		0.468	0.417	0.323	0.287	0.426	0.384	19.8
Chloroethane	0.465	0.419	0.397	0.370	0.357	0.383	0.398	9.8
Trichlorofluoromethane	0.982	1.030	1.019	0.919	0.939	0.886	0.963	6
1,1,2-Trichlorotrifluoroethane	0.552	0.556	0.616	0.546	0.558	0.515	0.557	5.9
Tert butyl alcohol		0.129	0.133	0.132	0.127	0.138	0.132	3.2
1,1-Dichloroethene	0.669	0.584	0.591	0.555	0.548	0.545	0.582	8
Acrolein		0.023	0.015	0.017	0.020	0.020	0.019	16.4
Acrylonitrile	0.405	0.383	0.395	0.370	0.356	0.403	0.385	5.1
Acetone	0.383	0.318	0.318	0.317	0.313	0.330	0.330	8.1
Carbon Disulfide	2.045	1.739	1.609	1.468	1.477	1.489	1.638	13.7
Methyl tert-butyl Ether	2.163	2.158	2.049	1.984	1.861	2.117	2.055	5.7
Methyl Acetate	1.195	0.876	0.857	0.818	0.823	0.869	0.906	15.8
Methylene Chloride	0.845	0.689	0.663	0.624	0.595	0.653	0.678	13
trans-1,2-Dichloroethene	0.700	0.650	0.612	0.585	0.557	0.598	0.617	8.3
Vinyl Acetate	1.912	1.901	1.838	1.747	1.710	1.827	1.822	4.4
1,1-Dichloroethane	1.255	1.247	1.124	1.083	1.041	1.102	1.142	7.8
Cyclohexane		1.001	1.004	0.896	0.910	0.867	0.936	6.7
2-Butanone	0.474	0.502	0.511	0.470	0.465	0.506	0.488	4.2
Carbon Tetrachloride	0.640	0.766	0.546	0.520	0.504	0.486	0.577	18.6
2,2-Dichloropropane	1.079	1.044	0.975	0.934	0.925	0.883	0.973	7.7
cis-1,2-Dichloroethene	0.888	0.787	0.737	0.703	0.684	0.725	0.754	9.9
Bromochloromethane	0.640	0.630	0.533	0.522	0.497	0.543	0.561	10.6
Chloroform	1.357	1.277	1.162	1.105	1.052	1.120	1.179	9.8
1,1,1-Trichloroethane	1.160	1.087	1.026	0.979	0.947	0.973	1.029	7.9
Methylcyclohexane	0.585	0.607	0.558	0.561	0.592	0.510	0.569	6
1,1-Dichloropropene	0.548	0.664	0.499	0.453	0.449	0.427	0.507	17.5

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

Raw Data

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: CHEM02

Lab Code: ACE SDG No.: Q3573

Instrument ID: MSVOA_X Calibration Date(s): 11/07/2025 11/07/2025

Heated Purge: (Y/N) N Calibration Time(s): 13:35 16:29

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

LAB FILE ID: RRF001 = VX048516.D RRF005 = VX048517.D RRF020 = VX048518.D
RRF100 = VX048520.D RRF150 = VX048521.D RRF050 = VX048524.D

COMPOUND	RRF001	RRF005	RRF020	RRF100	RRF150	RRF050	$\overline{RRF}$	% RSD
Benzene	1.745	2.038	1.468	1.396	1.369	1.408	1.571	17
1,2-Dichloroethane	0.540	0.721	0.525	0.489	0.473	0.481	0.538	17.3
Trichloroethene	0.423	0.390	0.356	0.366	0.363	0.355	0.375	7.1
1,2-Dichloropropane	0.417	0.381	0.319	0.352	0.340	0.358	0.361	9.5
Dibromomethane	0.278	0.303	0.217	0.264	0.251	0.268	0.263	10.8
Bromodichloromethane	0.517	0.598	0.446	0.539	0.510	0.543	0.526	9.5
4-Methyl-2-Pentanone	0.505	0.667	0.514	0.573	0.546	0.620	0.571	11
Toluene	0.709	0.955	0.710	0.868	0.843	0.877	0.827	11.9
t-1,3-Dichloropropene	0.513	0.609	0.452	0.561	0.542	0.572	0.541	10
cis-1,3-Dichloropropene	0.472	0.633	0.481	0.595	0.578	0.606	0.561	12.1
1,1,2-Trichloroethane	0.289	0.373	0.286	0.345	0.329	0.361	0.330	11.1
1,3-Dichloropropane	0.529	0.674	0.498	0.581	0.551	0.618	0.575	11.1
2-Chloroethyl Vinyl ether	0.229	0.301	0.251	0.327	0.311	0.354	0.296	15.9
2-Hexanone	0.360	0.487	0.390	0.429	0.416	0.464	0.425	11
Dibromochloromethane	0.347	0.468	0.351	0.428	0.404	0.436	0.406	12
1,2-Dibromoethane	0.309	0.417	0.308	0.374	0.358	0.381	0.358	11.9
Tetrachloroethene	0.444	0.364	0.352	0.344	0.348	0.327	0.363	11.4
Chlorobenzene	1.406	1.245	1.153	1.112	1.105	1.101	1.187	10.1
1,1,1,2-Tetrachloroethane	0.396	0.420	0.389	0.398	0.391	0.392	0.398	2.9
Hexachloroethane	0.679	0.611	0.600	0.597	0.596	0.551	0.606	6.8
Ethyl Benzene	2.253	2.045	1.976	1.899	1.898	1.887	1.993	7.1
m/p-Xylenes	0.764	0.793	0.758	0.736	0.733	0.720	0.751	3.5
o-Xylene	0.795	0.746	0.721	0.714	0.726	0.703	0.734	4.5
Styrene	1.228	1.256	1.227	1.226	1.244	1.210	1.232	1.3
Bromoform	0.427	0.350	0.345	0.359	0.373	0.348	0.367	8.4
Isopropylbenzene	3.857	3.727	3.683	3.551	3.492	3.466	3.629	4.2
1,1,2,2-Tetrachloroethane	1.544	1.284	1.230	1.207	1.185	1.229	1.280	10.4
1,2,3-Trichloropropane	1.270	1.113	1.134	1.128	1.112	1.010	1.128	7.4
Bromobenzene	1.054	0.961	0.913	0.909	0.877	0.909	0.937	6.7
n-propylbenzene	4.682	4.356	4.371	4.097	4.073	4.027	4.268	5.9

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

Raw Data

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: CHEM02

Lab Code: ACE SDG No.: Q3573

Instrument ID: MSVOA_X Calibration Date(s): 11/07/2025 11/07/2025

Heated Purge: (Y/N) N Calibration Time(s): 13:35 16:29

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

LAB FILE ID: RRF001 = VX048516.D RRF005 = VX048517.D RRF020 = VX048518.D
RRF100 = VX048520.D RRF150 = VX048521.D RRF050 = VX048524.D

COMPOUND	RRF001	RRF005	RRF020	RRF100	RRF150	RRF050	$\overline{RRF}$	% RSD
2-Chlorotoluene	2.995	2.601	2.565	2.493	2.382	2.437	2.579	8.5
1,3,5-Trimethylbenzene	3.172	2.990	3.003	2.913	2.855	2.819	2.959	4.3
4-Chlorotoluene	3.437	3.105	2.985	2.916	2.842	2.866	3.025	7.4
tert-Butylbenzene	3.231	3.058	3.080	3.036	3.010	2.945	3.060	3.1
1,2,4-Trimethylbenzene	3.224	2.963	2.991	2.951	2.886	2.897	2.985	4.1
sec-Butylbenzene	4.137	3.883	3.841	3.643	3.693	3.496	3.782	5.9
p-Isopropyltoluene	3.445	3.138	3.226	3.123	3.159	2.988	3.180	4.8
1,3-Dichlorobenzene	2.076	1.785	1.686	1.680	1.668	1.644	1.756	9.3
1,4-Dichlorobenzene	2.329	1.860	1.676	1.671	1.672	1.678	1.814	14.5
n-Butylbenzene	3.281	3.038	3.007	2.883	2.972	2.718	2.983	6.2
1,2-Dichlorobenzene	1.944	1.695	1.611	1.627	1.616	1.624	1.686	7.7
1,2-Dibromo-3-Chloropropane	0.304	0.308	0.294	0.298	0.285	0.297	0.297	2.7
1,2,4-Trichlorobenzene	1.353	1.032	1.057	1.097	1.117	1.066	1.120	10.5
Hexachlorobutadiene	0.611	0.467	0.450	0.421	0.455	0.406	0.468	15.7
Naphthalene	3.675	3.299	3.529	3.732	3.682	3.700	3.603	4.6
1,2,3-Trichlorobenzene	1.170	0.973	0.994	1.049	1.051	1.016	1.042	6.7
1,2-Dichloroethane-d4		0.775	0.723	0.677	0.623	0.685	0.697	8.1
Dibromofluoromethane		0.484	0.374	0.356	0.327	0.351	0.378	16.2
Toluene-d8		1.341	1.021	1.210	1.128	1.202	1.180	10
4-Bromofluorobenzene		0.523	0.365	0.445	0.423	0.443	0.440	12.9

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

Response Factor Report MSVOA_X2

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
Method File : 82X110725W.M
Title : SW846 8260
Last Update : Sat Nov 08 05:08:11 2025
Response Via : Initial Calibration

Calibration Files
1 =VX048516.D 5 =VX048517.D 20 =VX048518.D 50 =VX048524.D 100 =VX048520.D 150 =VX048521.D

		Compound	1	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.365	0.364	0.352	0.424	0.452	0.474	0.405	12.78
3)	P	Chloromethane	0.603	0.457	0.425	0.592	0.581	0.565	0.537	14.19
4)	C	Vinyl Chloride	0.666	0.579	0.608	0.600	0.601	0.597	0.608	4.86#
5)	T	Bromomethane		0.468	0.417	0.426	0.323	0.287	0.384	19.75
6)	T	Chloroethane	0.465	0.419	0.397	0.383	0.370	0.357	0.398	9.77
7)	T	Trichlorofluor...	0.982	1.030	1.019	0.886	0.919	0.939	0.963	5.98
8)	T	Diethyl Ether	0.397	0.420	0.379	0.393	0.376	0.353	0.386	5.87
9)	T	1,1,2-Trichlor...	0.552	0.556	0.616	0.515	0.546	0.558	0.557	5.91
10)	T	Methyl Iodide		0.833	0.822	0.824	0.836	0.808	0.825	1.34
11)	T	Tert butyl alc...		0.129	0.133	0.138	0.132	0.127	0.132	3.25
12)	CM	1,1-Dichloroet...	0.669	0.584	0.591	0.545	0.555	0.548	0.582	8.02#
13)	T	Acrolein		0.023	0.015	0.020	0.017	0.020	0.019	16.42
14)	T	Allyl chloride	1.243	1.129	1.065	1.048	1.010	1.008	1.084	8.27
15)	T	Acrylonitrile	0.405	0.383	0.395	0.403	0.370	0.356	0.385	5.05
16)	T	Acetone	0.383	0.318	0.318	0.330	0.317	0.313	0.330	8.07
17)	T	Carbon Disulfide	2.045	1.739	1.609	1.489	1.468	1.477	1.638	13.75
18)	T	Methyl Acetate	1.195	0.876	0.857	0.869	0.818	0.823	0.906	15.80
19)	T	Methyl tert-bu...	2.163	2.158	2.049	2.117	1.984	1.861	2.055	5.70
20)	T	Methylene Chlo...	0.845	0.689	0.663	0.653	0.624	0.595	0.678	13.00
21)	T	trans-1,2-Dich...	0.700	0.650	0.612	0.598	0.585	0.557	0.617	8.29
22)	T	Diisopropyl ether	2.220	2.180	2.105	2.064	1.977	1.939	2.081	5.30
23)	T	Vinyl Acetate	1.912	1.901	1.838	1.827	1.747	1.710	1.822	4.43
24)	P	1,1-Dichloroet...	1.255	1.247	1.124	1.102	1.083	1.041	1.142	7.77
25)	T	2-Butanone	0.474	0.502	0.511	0.506	0.470	0.465	0.488	4.20
26)	T	2,2-Dichloropr...	1.079	1.044	0.975	0.883	0.934	0.925	0.973	7.71
27)	T	cis-1,2-Dichlo...	0.888	0.787	0.737	0.725	0.703	0.684	0.754	9.90
28)	T	Bromochloromet...	0.640	0.630	0.533	0.543	0.522	0.497	0.561	10.61
29)	T	Tetrahydrofuran	0.406	0.357	0.350	0.349	0.321	0.306	0.348	9.91
30)	C	Chloroform	1.357	1.277	1.162	1.120	1.105	1.052	1.179	9.79#
31)	T	Cyclohexane		1.001	1.004	0.867	0.896	0.910	0.936	6.73
32)	T	1,1,1-Trichlor...	1.160	1.087	1.026	0.973	0.979	0.947	1.029	7.90
33)	S	1,2-Dichloroet...		0.775	0.723	0.685	0.677	0.623	0.697	8.08
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...		0.484	0.374	0.351	0.356	0.327	0.378	16.22
36)	T	1,1-Dichloropr...	0.548	0.664	0.499	0.427	0.453	0.449	0.507	17.46
37)	T	Ethyl Acetate	0.748	0.901	0.676	0.667	0.648	0.639	0.713	13.96
38)	T	Carbon Tetrach...	0.640	0.766	0.546	0.486	0.520	0.504	0.577	18.63
39)	T	Methylcyclohexane	0.585	0.607	0.558	0.510	0.561	0.592	0.569	6.00
40)	TM	Benzene	1.745	2.038	1.468	1.408	1.396	1.369	1.571	16.99
41)	T	Methacrylonitrile	0.315	0.406	0.310	0.295	0.276	0.280	0.314	15.30
42)	TM	1,2-Dichloroet...	0.540	0.721	0.525	0.481	0.489	0.473	0.538	17.33
43)	T	Isopropyl Acetate	1.009	1.298	0.958	0.929	0.908	0.914	1.003	14.92
44)	TM	Trichloroethene	0.423	0.390	0.356	0.355	0.366	0.363	0.375	7.10
45)	C	1,2-Dichloropr...	0.417	0.381	0.319	0.358	0.352	0.340	0.361	9.45#
46)	T	Dibromomethane	0.278	0.303	0.217	0.268	0.264	0.251	0.263	10.84
47)	T	Bromodichlorom...	0.517	0.598	0.446	0.543	0.539	0.510	0.526	9.49
48)	T	Methyl methacr...	0.467	0.476	0.385	0.462	0.448	0.435	0.446	7.40
49)	T	1,4-Dioxane	0.006	0.007	0.006	0.007	0.008	0.007	0.007	12.02
50)	S	Toluene-d8		1.341	1.021	1.202	1.210	1.128	1.180	9.96
51)	T	4-Methyl-2-Pen...	0.505	0.667	0.514	0.620	0.573	0.546	0.571	11.02
52)	CM	Toluene	0.709	0.955	0.710	0.877	0.868	0.843	0.827	11.87#
53)	T	t-1,3-Dichloro...	0.513	0.609	0.452	0.572	0.561	0.542	0.541	10.02
54)	T	cis-1,3-Dichlo...	0.472	0.633	0.481	0.606	0.595	0.578	0.561	12.05
55)	T	1,1,2-Trichlor...	0.289	0.373	0.286	0.361	0.345	0.329	0.330	11.11
56)	T	Ethyl methacry...	0.446	0.594	0.474	0.618	0.594	0.573	0.550	13.05

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
Method File : 82X110725W.M

57)	T	1,3-Dichloropr...	0.529	0.674	0.498	0.618	0.581	0.551	0.575	11.11
58)	T	2-Chloroethyl ...	0.229	0.301	0.251	0.354	0.327	0.311	0.296	15.90
59)	T	2-Hexanone	0.360	0.487	0.390	0.464	0.429	0.416	0.425	10.96
60)	T	Dibromochlorom...	0.347	0.468	0.351	0.436	0.428	0.404	0.406	11.97
61)	T	1,2-Dibromoethane	0.309	0.417	0.308	0.381	0.374	0.358	0.358	11.93
62)	S	4-Bromofluorob...		0.523	0.365	0.443	0.445	0.423	0.440	12.88
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.444	0.364	0.352	0.327	0.344	0.348	0.363	11.38
65)	PM	Chlorobenzene	1.406	1.245	1.153	1.101	1.112	1.105	1.187	10.12
66)	T	1,1,1,2-Tetrac...	0.396	0.420	0.389	0.392	0.398	0.391	0.398	2.88
67)	C	Ethyl Benzene	2.253	2.045	1.976	1.887	1.899	1.898	1.993	7.08#
68)	T	m/p-Xylenes	0.764	0.793	0.758	0.720	0.736	0.733	0.751	3.49
69)	T	o-Xylene	0.795	0.746	0.721	0.703	0.714	0.726	0.734	4.50
70)	T	Styrene	1.228	1.256	1.227	1.210	1.226	1.244	1.232	1.30
71)	P	Bromoform	0.427	0.350	0.345	0.348	0.359	0.373	0.367	8.43
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.857	3.727	3.683	3.466	3.551	3.492	3.629	4.20
74)	T	N-amyl acetate	1.998	1.826	1.851	1.793	1.739	1.727	1.822	5.41
75)	P	1,1,2,2-Tetrac...	1.544	1.284	1.230	1.229	1.207	1.185	1.280	10.45
76)	T	1,2,3-Trichlor...	1.270	1.113	1.134	1.470	1.128	1.112	1.205	11.88
77)	T	Bromobenzene	1.054	0.961	0.913	0.909	0.909	0.877	0.937	6.74
78)	T	n-propylbenzene	4.682	4.356	4.371	4.027	4.097	4.073	4.268	5.89
79)	T	2-Chlorotoluene	2.995	2.601	2.565	2.437	2.493	2.382	2.579	8.50
80)	T	1,3,5-Trimethy...	3.172	2.990	3.003	2.819	2.913	2.855	2.959	4.30
81)	T	trans-1,4-Dich...		0.376	0.398	0.433	0.444	0.454	0.421	7.75
82)	T	4-Chlorotoluene	3.437	3.105	2.985	2.866	2.916	2.842	3.025	7.37
83)	T	tert-Butylbenzene	3.231	3.058	3.080	2.945	3.036	3.010	3.060	3.13
84)	T	1,2,4-Trimethy...	3.224	2.963	2.991	2.897	2.951	2.886	2.985	4.14
85)	T	sec-Butylbenzene	4.137	3.883	3.841	3.496	3.643	3.693	3.782	5.90
86)	T	p-Isopropyltol...	3.445	3.138	3.226	2.988	3.123	3.159	3.180	4.76
87)	T	1,3-Dichlorobe...	2.076	1.785	1.686	1.644	1.680	1.668	1.756	9.34
88)	T	1,4-Dichlorobe...	2.329	1.860	1.676	1.678	1.671	1.672	1.814	14.49
89)	T	n-Butylbenzene	3.281	3.038	3.007	2.718	2.883	2.972	2.983	6.23
90)	T	Hexachloroethane	0.679	0.611	0.600	0.551	0.597	0.596	0.606	6.82
91)	T	1,2-Dichlorobe...	1.944	1.695	1.611	1.624	1.627	1.616	1.686	7.71
92)	T	1,2-Dibromo-3-...	0.304	0.308	0.294	0.297	0.298	0.285	0.297	2.66
93)	T	1,2,4-Trichlor...	1.353	1.032	1.057	1.066	1.097	1.117	1.120	10.53
94)	T	Hexachlorobuta...	0.611	0.467	0.450	0.406	0.421	0.455	0.468	15.66
95)	T	Naphthalene	3.675	3.299	3.529	3.700	3.732	3.682	3.603	4.56
96)	T	1,2,3-Trichlor...	1.170	0.973	0.994	1.016	1.049	1.051	1.042	6.70

(#) = Out of Range

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110725\
Data File : VX048516.D
Acq On : 07 Nov 2025 13:35
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 11/10/2025
Supervised By :Semsettin Yesilyurt 11/10/2025

Quant Time: Nov 08 04:38:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 04:36:23 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	5.531	168	195603	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	6.738	114	335919	50.000	ug/l		0.00
63) Chlorobenzene-d5	10.037	117	223304	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	110981	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	1.172	85	1427	0.900	ug/l		95
3) Chloromethane	1.300	50	2360	1.123	ug/l	#	87
4) Vinyl Chloride	1.380	62	2604	1.094	ug/l		99
6) Chloroethane	1.697	64	1819	1.167	ug/l	#	77
7) Trichlorofluoromethane	1.892	101	3842	1.020	ug/l		98
8) Diethyl Ether	2.130	74	1554	1.028	ug/l		85
9) 1,1,2-Trichlorotrifluo...	2.331	101	2160	0.991	ug/l	#	90
12) 1,1-Dichloroethene	2.319	96	2617	1.149	ug/l	#	86
14) Allyl chloride	2.666	41	4862	1.147	ug/l		95
15) Acrylonitrile	3.056	53	7915	5.250	ug/l		97
16) Acetone	2.373	43	7490	5.805	ug/l		98
17) Carbon Disulfide	2.514	76	8000	1.249	ug/l	#	93
18) Methyl Acetate	2.703	43	4673	1.318	ug/l		93
19) Methyl tert-butyl Ether	3.105	73	8461	1.052	ug/l	#	89
20) Methylene Chloride	2.788	84	3307	1.247	ug/l	#	87
21) trans-1,2-Dichloroethene	3.087	96	2739	1.135	ug/l		97
22) Diisopropyl ether	3.757	45	8684	1.067	ug/l		86
23) Vinyl Acetate	3.721	43	37398	5.246	ug/l		97
24) 1,1-Dichloroethane	3.605	63	4909	1.099	ug/l		95
25) 2-Butanone	4.544	43	9269	4.857	ug/l		95
26) 2,2-Dichloropropane	4.464	77	4220	1.108	ug/l		92
27) cis-1,2-Dichloroethene	4.477	96	3475	1.178	ug/l		96
28) Bromochloromethane	4.885	49	2504	1.141	ug/l	#	99
29) Tetrahydrofuran	4.995	42	7932	5.835	ug/l		92
30) Chloroform	5.080	83	5308	1.151	ug/l		84
32) 1,1,1-Trichloroethane	5.367	97	4539	1.128	ug/l	#	49
36) 1,1-Dichloropropene	5.678	75	3685	1.082	ug/l		99
37) Ethyl Acetate	4.714	43	5027	1.049	ug/l	#	88
38) Carbon Tetrachloride	5.659	117	4298	1.109	ug/l		89
39) Methylcyclohexane	7.360	83	3932	1.029	ug/l	#	88
40) Benzene	6.025	78	11724	1.111	ug/l		98
41) Methacrylonitrile	4.910	41	2117	1.005	ug/l	#	74
42) 1,2-Dichloroethane	6.068	62	3627	1.003	ug/l		94
43) Isopropyl Acetate	6.330	43	6781	1.007	ug/l		94
44) Trichloroethene	7.110	130	2845	1.128	ug/l		76
45) 1,2-Dichloropropane	7.409	63	2802	1.155	ug/l		91

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110725\
Data File : VX048516.D
Acq On : 07 Nov 2025 13:35
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 11/10/2025
Supervised By :Semsettin Yesilyurt 11/10/2025

Quant Time: Nov 08 04:38:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 04:36:23 2025
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46)	Dibromomethane	7.561	93	1870	1.057	ug/l		97
47)	Bromodichloromethane	7.805	83	3471	0.983	ug/l	#	73
48)	Methyl methacrylate	7.690	41	3138	1.048	ug/l		90
49)	1,4-Dioxane	7.653	88	811	17.773	ug/l	#	86
51)	4-Methyl-2-Pentanone	8.555	43	16970	4.426	ug/l		90
52)	Toluene	8.702	92	4764	0.857	ug/l		98
53)	t-1,3-Dichloropropene	8.964	75	3445	0.947	ug/l	#	86
54)	cis-1,3-Dichloropropene	8.354	75	3173	0.842	ug/l	#	78
55)	1,1,2-Trichloroethane	9.140	97	1939	0.874	ug/l	#	87
56)	Ethyl methacrylate	9.104	69	2995	0.811	ug/l	#	89
57)	1,3-Dichloropropane	9.293	76	3551	0.919	ug/l		97
58)	2-Chloroethyl Vinyl ether	8.226	63	7704m	3.915	ug/l		
59)	2-Hexanone	9.415	43	12104	4.243	ug/l		91
60)	Dibromochloromethane	9.500	129	2328	0.854	ug/l		92
61)	1,2-Dibromoethane	9.598	107	2078	0.864	ug/l		87
64)	Tetrachloroethene	9.250	164	1983	1.223	ug/l	#	83
65)	Chlorobenzene	10.067	112	6278	1.184	ug/l		95
66)	1,1,1,2-Tetrachloroethane	10.140	131	1769	0.996	ug/l	#	55
67)	Ethyl Benzene	10.177	91	10060	1.130	ug/l		96
68)	m/p-Xylenes	10.287	106	6820	2.035	ug/l		96
69)	o-Xylene	10.622	106	3552	1.083	ug/l		98
70)	Styrene	10.640	104	5483	0.997	ug/l		94
71)	Bromoform	10.787	173	1905	1.163	ug/l	#	89
73)	Isopropylbenzene	10.945	105	8562	1.063	ug/l		99
74)	N-amyl acetate	10.829	43	4435	1.096	ug/l	#	91
75)	1,1,2,2-Tetrachloroethane	11.195	83	3428	1.207	ug/l		97
76)	1,2,3-Trichloropropane	11.219	75	2820m	1.192	ug/l		
77)	Bromobenzene	11.183	156	2339	1.124	ug/l		98
78)	n-propylbenzene	11.286	91	10393	1.097	ug/l		99
79)	2-Chlorotoluene	11.347	91	6648	1.161	ug/l		98
80)	1,3,5-Trimethylbenzene	11.433	105	7041	1.072	ug/l		94
82)	4-Chlorotoluene	11.439	91	7628	1.136	ug/l		97
83)	tert-Butylbenzene	11.695	119	7172	1.056	ug/l		100
84)	1,2,4-Trimethylbenzene	11.731	105	7156	1.080	ug/l		97
85)	sec-Butylbenzene	11.872	105	9183	1.094	ug/l		96
86)	p-Isopropyltoluene	11.994	119	7646	1.083	ug/l		92
87)	1,3-Dichlorobenzene	11.951	146	4609	1.182	ug/l		96
88)	1,4-Dichlorobenzene	12.018	146	5170m	1.314	ug/l		
89)	n-Butylbenzene	12.317	91	7282	1.100	ug/l		94
90)	Hexachloroethane	12.518	117	1507	1.121	ug/l		95
91)	1,2-Dichlorobenzene	12.323	146	4315	1.153	ug/l		97
92)	1,2-Dibromo-3-Chloropr...	12.932	75	674	1.021	ug/l		96
93)	1,2,4-Trichlorobenzene	13.567	180	3004	1.208	ug/l		96
94)	Hexachlorobutadiene	13.707	225	1356	1.304	ug/l		97
95)	Naphthalene	13.762	128	8156	1.020	ug/l		98
96)	1,2,3-Trichlorobenzene	13.944	180	2598	1.123	ug/l		89

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

ICAL Form

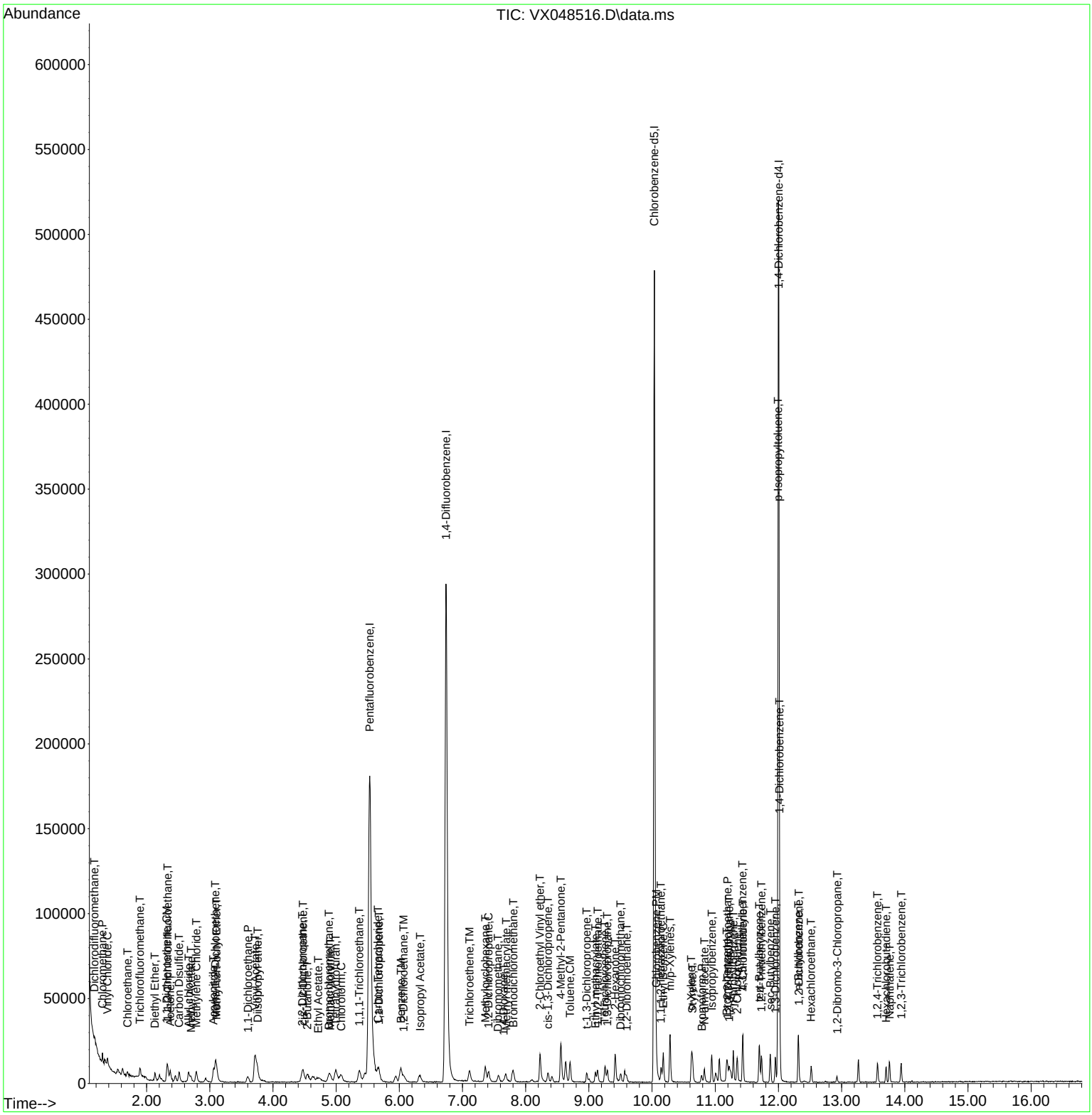
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110725\
Data File : VX048516.D
Acq On : 07 Nov 2025 13:35
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 08 04:38:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 04:36:23 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 11/10/2025
Supervised By :Semsettin Yesilyurt 11/10/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110725\
Data File : VX048517.D
Acq On : 07 Nov 2025 13:56
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 11/10/2025
Supervised By :Semsettin Yesilyurt 11/10/2025

Quant Time: Nov 08 04:38:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 04:36:23 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	5.538	168	193270	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	6.745	114	250338	50.000	ug/l		0.00
63) Chlorobenzene-d5	10.037	117	225597	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	118579	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.946	65	14969	5.558	ug/l		0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	11.120%#			
35) Dibromofluoromethane	5.373	113	12118	6.396	ug/l		0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	12.800%#			
50) Toluene-d8	8.635	98	33563	5.680	ug/l		0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	11.360%#			
62) 4-Bromofluorobenzene	11.061	95	13095	5.946	ug/l		0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	11.900%#			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.173	85	7029	4.488	ug/l		98
3) Chloromethane	1.301	50	8841	4.256	ug/l		89
4) Vinyl Chloride	1.380	62	11197	4.761	ug/l		89
5) Bromomethane	1.611	94	9050	6.088	ug/l		100
6) Chloroethane	1.691	64	8089	5.252	ug/l		90
7) Trichlorofluoromethane	1.892	101	19916	5.353	ug/l		97
8) Diethyl Ether	2.136	74	8115	5.434	ug/l		97
9) 1,1,2-Trichlorotrifluo...	2.331	101	10746	4.989	ug/l		98
10) Methyl Iodide	2.453	142	16103	5.052	ug/l		94
11) Tert butyl alcohol	2.947	59	12490	24.476	ug/l		99
12) 1,1-Dichloroethene	2.325	96	11295	5.020	ug/l		90
13) Acrolein	2.246	56	2253	30.799	ug/l		94
14) Allyl chloride	2.666	41	21817	5.208	ug/l		95
15) Acrylonitrile	3.056	53	37042	24.865	ug/l		94
16) Acetone	2.374	43	30713	24.093	ug/l		98
17) Carbon Disulfide	2.514	76	33603	5.308	ug/l		99
18) Methyl Acetate	2.697	43	16930	4.833	ug/l		98
19) Methyl tert-butyl Ether	3.105	73	41711	5.250	ug/l		98
20) Methylene Chloride	2.788	84	13313	5.080	ug/l		93
21) trans-1,2-Dichloroethene	3.093	96	12560	5.267	ug/l		87
22) Diisopropyl ether	3.751	45	42130	5.238	ug/l		92
23) Vinyl Acetate	3.715	43	183665	26.073	ug/l		95
24) 1,1-Dichloroethane	3.605	63	24095	5.459	ug/l		98
25) 2-Butanone	4.544	43	48544	25.742	ug/l		90
26) 2,2-Dichloropropane	4.471	77	20186	5.365	ug/l		100
27) cis-1,2-Dichloroethene	4.477	96	15219	5.221	ug/l		95
28) Bromochloromethane	4.885	49	12176	5.616	ug/l		96
29) Tetrahydrofuran	5.001	42	34508	25.691	ug/l		98
30) Chloroform	5.080	83	24671	5.415	ug/l		98
31) Cyclohexane	5.464	56	19337	5.347	ug/l		98
32) 1,1,1-Trichloroethane	5.373	97	21014	5.285	ug/l		98
36) 1,1-Dichloropropene	5.678	75	16623	6.552	ug/l		97
37) Ethyl Acetate	4.702	43	22548	6.314	ug/l		98
38) Carbon Tetrachloride	5.666	117	19186	6.643	ug/l	#	97
39) Methylcyclohexane	7.367	83	15183	5.330	ug/l		95
40) Benzene	6.025	78	51007	6.486	ug/l		95

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110725\
Data File : VX048517.D
Acq On : 07 Nov 2025 13:56
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 11/10/2025
Supervised By :Semsettin Yesilyurt 11/10/2025

Quant Time: Nov 08 04:38:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 04:36:23 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.910	41	10171	6.476	ug/l		99
42) 1,2-Dichloroethane	6.080	62	18051	6.699	ug/l		98
43) Isopropyl Acetate	6.324	43	32505	6.475	ug/l		96
44) Trichloroethene	7.117	130	9754	5.189	ug/l		97
45) 1,2-Dichloropropane	7.415	63	9530	5.270	ug/l		97
46) Dibromomethane	7.568	93	7573	5.742	ug/l		96
47) Bromodichloromethane	7.812	83	14970	5.690	ug/l	#	97
48) Methyl methacrylate	7.684	41	11928	5.345	ug/l		93
49) 1,4-Dioxane	7.647	88	3476	102.220	ug/l	#	93
51) 4-Methyl-2-Pentanone	8.555	43	83493	29.217	ug/l		95
52) Toluene	8.708	92	23897	5.772	ug/l		95
53) t-1,3-Dichloropropene	8.964	75	15253	5.626	ug/l		100
54) cis-1,3-Dichloropropene	8.354	75	15836	5.641	ug/l		92
55) 1,1,2-Trichloroethane	9.135	97	9348	5.651	ug/l		96
56) Ethyl methacrylate	9.104	69	14858	5.398	ug/l		89
57) 1,3-Dichloropropane	9.293	76	16872	5.860	ug/l		98
58) 2-Chloroethyl Vinyl ether	8.226	63	37670m	25.686	ug/l		
59) 2-Hexanone	9.415	43	60936	28.666	ug/l		94
60) Dibromochloromethane	9.506	129	11712	5.766	ug/l		98
61) 1,2-Dibromoethane	9.598	107	10441	5.827	ug/l		100
64) Tetrachloroethene	9.256	164	8201	5.005	ug/l		98
65) Chlorobenzene	10.061	112	28081	5.244	ug/l		95
66) 1,1,1,2-Tetrachloroethane	10.147	131	9473	5.280	ug/l		94
67) Ethyl Benzene	10.177	91	46125	5.130	ug/l		98
68) m/p-Xylenes	10.287	106	35759	10.559	ug/l		100
69) o-Xylene	10.628	106	16824	5.078	ug/l		99
70) Styrene	10.640	104	28334	5.098	ug/l		97
71) Bromoform	10.787	173	7895	4.770	ug/l	#	99
73) Isopropylbenzene	10.945	105	44193	5.134	ug/l		99
74) N-amyl acetate	10.829	43	21656	5.011	ug/l		95
75) 1,1,2,2-Tetrachloroethane	11.195	83	15227	5.017	ug/l		100
76) 1,2,3-Trichloropropane	11.226	75	13198m	5.220	ug/l		
77) Bromobenzene	11.183	156	11396	5.127	ug/l		99
78) n-propylbenzene	11.287	91	51649	5.103	ug/l		100
79) 2-Chlorotoluene	11.348	91	30839	5.043	ug/l		98
80) 1,3,5-Trimethylbenzene	11.433	105	35455	5.053	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.000	75	4463	4.469	ug/l	#	80
82) 4-Chlorotoluene	11.439	91	36813	5.132	ug/l		99
83) tert-Butylbenzene	11.695	119	36264	4.997	ug/l		97
84) 1,2,4-Trimethylbenzene	11.732	105	35130	4.962	ug/l		100
85) sec-Butylbenzene	11.872	105	46046	5.133	ug/l		100
86) p-Isopropyltoluene	11.994	119	37206	4.934	ug/l		97
87) 1,3-Dichlorobenzene	11.951	146	21165	5.081	ug/l		99
88) 1,4-Dichlorobenzene	12.024	146	22051	5.247	ug/l		95
89) n-Butylbenzene	12.317	91	36025	5.092	ug/l		98
90) Hexachloroethane	12.518	117	7251	5.047	ug/l		97
91) 1,2-Dichlorobenzene	12.317	146	20105	5.028	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.927	75	3647	5.170	ug/l		90
93) 1,2,4-Trichlorobenzene	13.573	180	12241	4.606	ug/l		99
94) Hexachlorobutadiene	13.707	225	5537	4.984	ug/l		99
95) Naphthalene	13.756	128	39122	4.579	ug/l		98
96) 1,2,3-Trichlorobenzene	13.945	180	11538	4.668	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110725\
Data File : VX048517.D
Acq On : 07 Nov 2025 13:56
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 11/10/2025
Supervised By :Semsettin Yesilyurt 11/10/2025

Quant Time: Nov 08 04:38:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 04:36:23 2025
Response via : Initial Calibration

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

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

ICAL Form

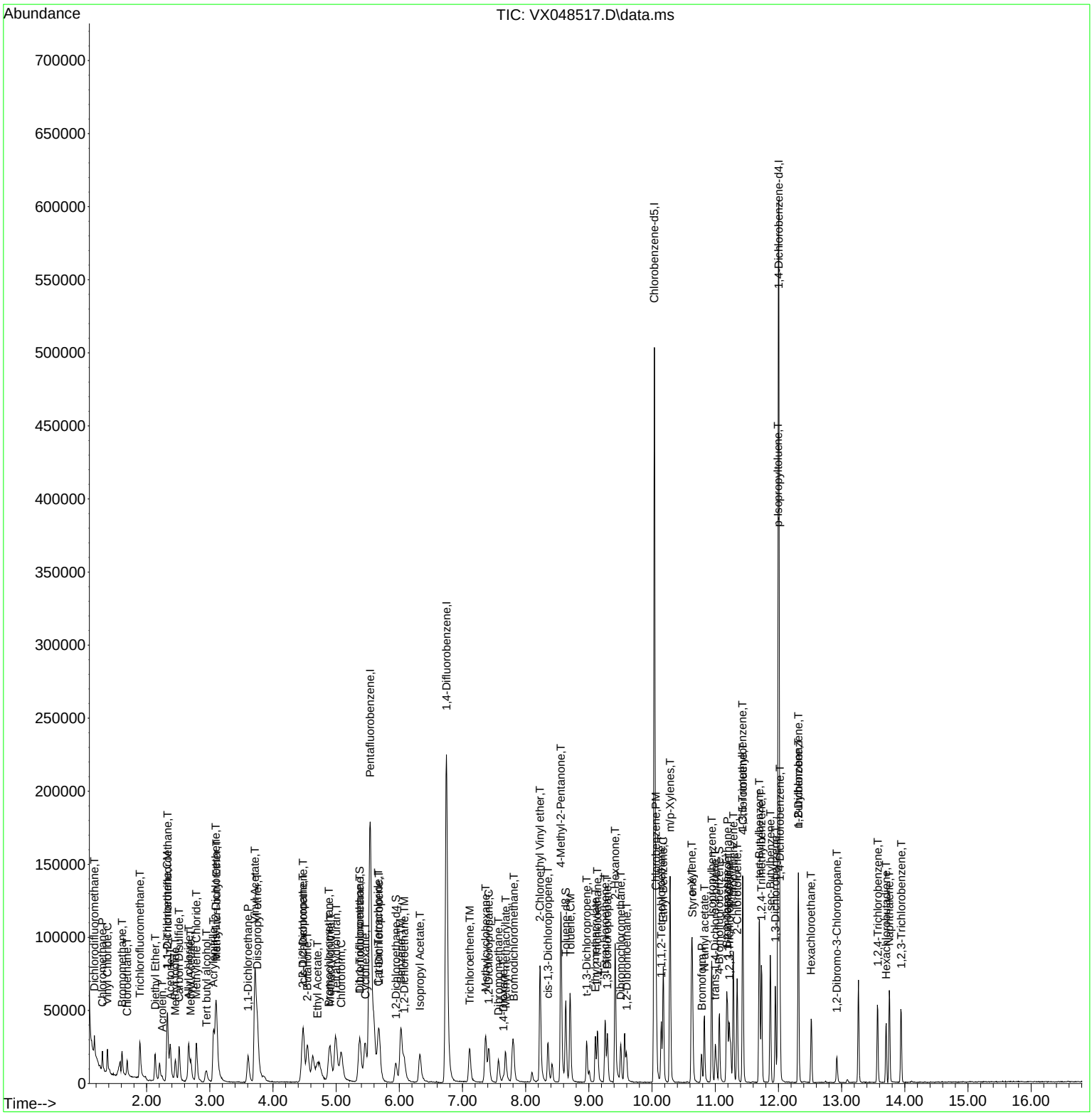
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110725\
Data File : VX048517.D
Acq On : 07 Nov 2025 13:56
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 08 04:38:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 04:36:23 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 11/10/2025
Supervised By :Semsettin Yesilyurt 11/10/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110725\
Data File : VX048518.D
Acq On : 07 Nov 2025 14:16
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 11/10/2025
Supervised By :Semsettin Yesilyurt 11/10/2025

Quant Time: Nov 08 04:39:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 04:36:23 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.538	168	203076	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	331319	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	232027	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	120318	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	58757	20.764	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	41.520%#		
35) Dibromofluoromethane	5.373	113	49531	19.752	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	39.500%#		
50) Toluene-d8	8.635	98	135275	17.297	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	34.600%#		
62) 4-Bromofluorobenzene	11.061	95	48386	16.601	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	33.200%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	28628	17.397	ug/l	98
3) Chloromethane	1.301	50	34522	15.817	ug/l	99
4) Vinyl Chloride	1.380	62	49358	19.974	ug/l	97
5) Bromomethane	1.618	94	33868	21.683	ug/l	98
6) Chloroethane	1.697	64	32257	19.932	ug/l	98
7) Trichlorofluoromethane	1.898	101	82782	21.175	ug/l	95
8) Diethyl Ether	2.136	74	30818	19.639	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.337	101	50073	22.124	ug/l	97
10) Methyl Iodide	2.459	142	66788	19.940	ug/l	100
11) Tert butyl alcohol	2.941	59	53988	100.687	ug/l	98
12) 1,1-Dichloroethene	2.325	96	48003	20.306	ug/l	95
13) Acrolein	2.239	56	6094m	79.282	ug/l	
14) Allyl chloride	2.666	41	86510	19.655	ug/l	97
15) Acrylonitrile	3.056	53	160471	102.519	ug/l	99
16) Acetone	2.374	43	129334	96.557	ug/l	97
17) Carbon Disulfide	2.514	76	130735	19.652	ug/l	99
18) Methyl Acetate	2.697	43	69637	18.918	ug/l	99
19) Methyl tert-butyl Ether	3.105	73	166418	19.935	ug/l	100
20) Methylene Chloride	2.788	84	53829	19.547	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	49731	19.848	ug/l	98
22) Diisopropyl ether	3.751	45	170973	20.230	ug/l	98
23) Vinyl Acetate	3.715	43	746382	100.838	ug/l	98
24) 1,1-Dichloroethane	3.605	63	91293	19.686	ug/l	98
25) 2-Butanone	4.538	43	207425	104.681	ug/l	98
26) 2,2-Dichloropropane	4.471	77	79199	20.032	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	59896	19.557	ug/l	98
28) Bromochloromethane	4.885	49	43296	19.005	ug/l	99
29) Tetrahydrofuran	4.989	42	142200	100.757	ug/l	98
30) Chloroform	5.087	83	94424	19.723	ug/l	98
31) Cyclohexane	5.464	56	81570	21.467	ug/l	96
32) 1,1,1-Trichloroethane	5.373	97	83345	19.948	ug/l	98
36) 1,1-Dichloropropene	5.684	75	66129	19.694	ug/l	97
37) Ethyl Acetate	4.696	43	89614	18.959	ug/l	100
38) Carbon Tetrachloride	5.666	117	72325	18.922	ug/l	98
39) Methylcyclohexane	7.367	83	73943	19.612	ug/l	99
40) Benzene	6.025	78	194589	18.695	ug/l	95

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110725\
Data File : VX048518.D
Acq On : 07 Nov 2025 14:16
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 11/10/2025
Supervised By :Semsettin Yesilyurt 11/10/2025

Quant Time: Nov 08 04:39:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 04:36:23 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	4.904	41	41068	19.757 ug/l	97
42) 1,2-Dichloroethane	6.074	62	69540	19.499 ug/l	99
43) Isopropyl Acetate	6.324	43	126911	19.101 ug/l	99
44) Trichloroethene	7.117	130	47204	18.973 ug/l	99
45) 1,2-Dichloropropane	7.415	63	42265	17.660 ug/l	98
46) Dibromomethane	7.568	93	28753	16.472 ug/l	96
47) Bromodichloromethane	7.806	83	59084	16.967 ug/l	99
48) Methyl methacrylate	7.678	41	51074	17.292 ug/l	91
49) 1,4-Dioxane	7.641	88	14684	326.274 ug/l #	94
51) 4-Methyl-2-Pentanone	8.555	43	340555	90.045 ug/l	97
52) Toluene	8.702	92	94154	17.182 ug/l	98
53) t-1,3-Dichloropropene	8.964	75	59921	16.700 ug/l	99
54) cis-1,3-Dichloropropene	8.354	75	63747	17.157 ug/l	93
55) 1,1,2-Trichloroethane	9.135	97	37862	17.293 ug/l	96
56) Ethyl methacrylate	9.098	69	62768	17.232 ug/l #	90
57) 1,3-Dichloropropane	9.293	76	65949	17.306 ug/l	97
58) 2-Chloroethyl Vinyl ether	8.226	63	166309m	85.683 ug/l	
59) 2-Hexanone	9.415	43	258663	91.942 ug/l	96
60) Dibromochloromethane	9.506	129	46524	17.307 ug/l	97
61) 1,2-Dibromoethane	9.592	107	40837	17.221 ug/l	99
64) Tetrachloroethene	9.256	164	32666	19.383 ug/l	98
65) Chlorobenzene	10.061	112	106968	19.423 ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.147	131	36079	19.552 ug/l	98
67) Ethyl Benzene	10.177	91	183401	19.832 ug/l	97
68) m/p-Xylenes	10.287	106	140701	40.397 ug/l	96
69) o-Xylene	10.628	106	66957	19.649 ug/l	98
70) Styrene	10.640	104	113854	19.917 ug/l	98
71) Bromoform	10.781	173	32046	18.824 ug/l #	98
73) Isopropylbenzene	10.945	105	177238	20.294 ug/l	98
74) N-amyl acetate	10.823	43	89078	20.313 ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.195	83	59190	19.218 ug/l	99
76) 1,2,3-Trichloropropane	11.220	75	54573m	21.273 ug/l	
77) Bromobenzene	11.183	156	43931	19.480 ug/l	98
78) n-propylbenzene	11.287	91	210347	20.483 ug/l	98
79) 2-Chlorotoluene	11.348	91	123455	19.895 ug/l	98
80) 1,3,5-Trimethylbenzene	11.433	105	144509	20.297 ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	19161	18.908 ug/l	90
82) 4-Chlorotoluene	11.439	91	143646	19.735 ug/l	99
83) tert-Butylbenzene	11.695	119	148245	20.131 ug/l	97
84) 1,2,4-Trimethylbenzene	11.732	105	143930	20.036 ug/l	100
85) sec-Butylbenzene	11.872	105	184842	20.309 ug/l	99
86) p-Isopropyltoluene	11.994	119	155276	20.293 ug/l	98
87) 1,3-Dichlorobenzene	11.951	146	81125	19.193 ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	80643	18.910 ug/l	97
89) n-Butylbenzene	12.311	91	144697	20.158 ug/l	98
90) Hexachloroethane	12.518	117	28866	19.800 ug/l	100
91) 1,2-Dichlorobenzene	12.317	146	77511	19.103 ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	14148	19.767 ug/l	95
93) 1,2,4-Trichlorobenzene	13.567	180	50883	18.871 ug/l	99
94) Hexachlorobutadiene	13.707	225	21648	19.206 ug/l	100
95) Naphthalene	13.756	128	169835	19.591 ug/l	100
96) 1,2,3-Trichlorobenzene	13.939	180	47818	19.066 ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110725\
Data File : VX048518.D
Acq On : 07 Nov 2025 14:16
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 11/10/2025
Supervised By :Semsettin Yesilyurt 11/10/2025

Quant Time: Nov 08 04:39:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 04:36:23 2025
Response via : Initial Calibration

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

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

ICAL Form

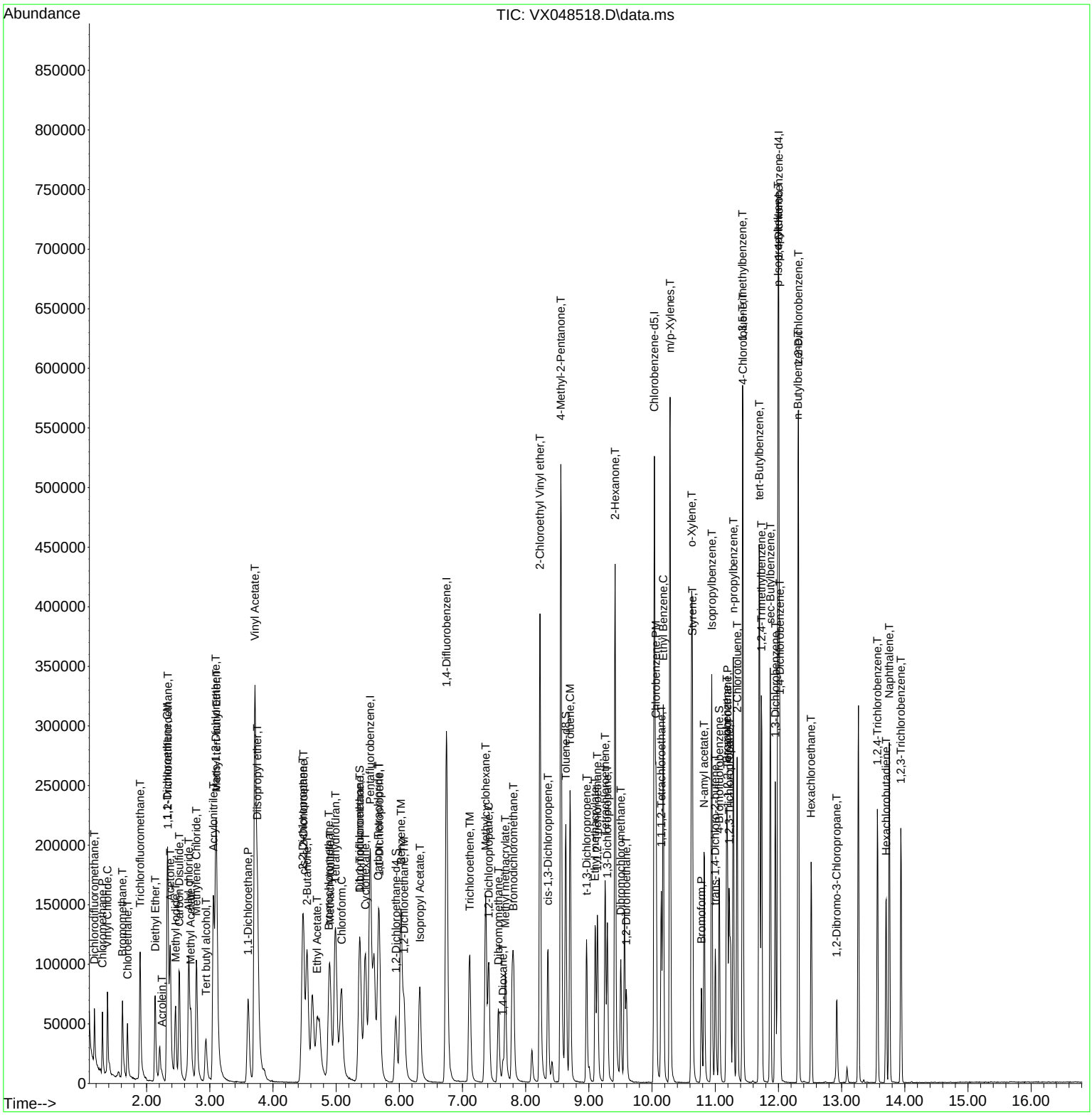
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110725\
Data File : VX048518.D
Acq On : 07 Nov 2025 14:16
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 08 04:39:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 04:36:23 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 11/10/2025
Supervised By :Semsettin Yesilyurt 11/10/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110725\
Data File : VX048520.D
Acq On : 07 Nov 2025 14:58
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 11/10/2025
Supervised By :Semsettin Yesilyurt 11/10/2025

Quant Time: Nov 08 04:41:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 04:36:23 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	179485	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	297765	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	257038	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	132080	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	243155	97.224	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 194.440%#			
35) Dibromofluoromethane	5.373	113	212256	94.182	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 188.360%#			
50) Toluene-d8	8.635	98	720420	102.495	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 204.980%#			
62) 4-Bromofluorobenzene	11.061	95	264846	101.109	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 202.220%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	162366	111.639	ug/l	99
3) Chloromethane	1.301	50	208707	108.195	ug/l	99
4) Vinyl Chloride	1.380	62	215712	98.767	ug/l	99
5) Bromomethane	1.605	94	115797m	83.881	ug/l	
6) Chloroethane	1.685	64	132914	92.926	ug/l	100
7) Trichlorofluoromethane	1.892	101	329740	95.432	ug/l	99
8) Diethyl Ether	2.136	74	134965	97.310	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	196084	98.026	ug/l	99
10) Methyl Iodide	2.453	142	300124	101.382	ug/l	99
11) Tert butyl alcohol	2.959	59	237309	500.751	ug/l	98
12) 1,1-Dichloroethene	2.325	96	199260	95.367	ug/l	96
13) Acrolein	2.239	56	31030	456.759	ug/l	97
14) Allyl chloride	2.666	41	362419	93.164	ug/l	99
15) Acrylonitrile	3.056	53	663857	479.859	ug/l	99
16) Acetone	2.374	43	568356	480.092	ug/l	99
17) Carbon Disulfide	2.514	76	527024	89.637	ug/l	100
18) Methyl Acetate	2.697	43	293788	90.303	ug/l	99
19) Methyl tert-butyl Ether	3.105	73	712323	96.543	ug/l	99
20) Methylene Chloride	2.788	84	223836	91.966	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	209909	94.789	ug/l	98
22) Diisopropyl ether	3.751	45	709722	95.012	ug/l	97
23) Vinyl Acetate	3.715	43	3136295	479.414	ug/l	100
24) 1,1-Dichloroethane	3.605	63	388811	94.862	ug/l	99
25) 2-Butanone	4.538	43	843690	481.750	ug/l	99
26) 2,2-Dichloropropane	4.465	77	335236	95.939	ug/l	100
27) cis-1,2-Dichloroethene	4.477	96	252407	93.248	ug/l	98
28) Bromochloromethane	4.885	49	187288	93.016	ug/l	99
29) Tetrahydrofuran	4.989	42	575336	461.240	ug/l	99
30) Chloroform	5.086	83	396642	93.738	ug/l	99
31) Cyclohexane	5.458	56	321505	95.734	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	351320	95.136	ug/l	99
36) 1,1-Dichloropropene	5.678	75	269881	89.431	ug/l	99
37) Ethyl Acetate	4.696	43	386137	90.900	ug/l	99
38) Carbon Tetrachloride	5.666	117	309414	90.070	ug/l	99
39) Methylcyclohexane	7.367	83	334291	98.656	ug/l	96
40) Benzene	6.025	78	831305	88.867	ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110725\
Data File : VX048520.D
Acq On : 07 Nov 2025 14:58
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 11/10/2025
Supervised By :Semsettin Yesilyurt 11/10/2025

Quant Time: Nov 08 04:41:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 04:36:23 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.904	41	164274	87.935	ug/l	95
42) 1,2-Dichloroethane	6.068	62	291402	90.918	ug/l	99
43) Isopropyl Acetate	6.324	43	540612	90.535	ug/l	100
44) Trichloroethene	7.110	130	218005	97.499	ug/l	98
45) 1,2-Dichloropropane	7.415	63	209425	97.368	ug/l	100
46) Dibromomethane	7.568	93	156924	100.030	ug/l	98
47) Bromodichloromethane	7.805	83	321173	102.623	ug/l	97
48) Methyl methacrylate	7.677	41	266560	100.420	ug/l	100
49) 1,4-Dioxane	7.647	88	89615	2215.601	ug/l	97
51) 4-Methyl-2-Pentanone	8.561	43	1705402	501.730	ug/l	99
52) Toluene	8.702	92	517017	104.979	ug/l	99
53) t-1,3-Dichloropropene	8.964	75	334066	103.593	ug/l	99
54) cis-1,3-Dichloropropene	8.354	75	354217	106.080	ug/l	98
55) 1,1,2-Trichloroethane	9.134	97	205483	104.430	ug/l	98
56) Ethyl methacrylate	9.104	69	353946	108.118	ug/l	98
57) 1,3-Dichloropropane	9.293	76	345885	100.991	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.226	63	972237	557.345	ug/l	100
59) 2-Hexanone	9.415	43	1278151	505.516	ug/l	100
60) Dibromochloromethane	9.506	129	255107	105.596	ug/l	98
61) 1,2-Dibromoethane	9.592	107	222500	104.402	ug/l	100
64) Tetrachloroethene	9.256	164	177093	94.858	ug/l	96
65) Chlorobenzene	10.061	112	571492	93.674	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.147	131	204743	100.159	ug/l	99
67) Ethyl Benzene	10.177	91	976399	95.307	ug/l	98
68) m/p-Xylenes	10.287	106	756955	196.183	ug/l	99
69) o-Xylene	10.628	106	367131	97.252	ug/l	100
70) Styrene	10.640	104	630372	99.544	ug/l	100
71) Bromoform	10.781	173	184392	97.773	ug/l	99
73) Isopropylbenzene	10.945	105	937990	97.838	ug/l	99
74) N-amyl acetate	10.829	43	459285	95.409	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	318823	94.300	ug/l	100
76) 1,2,3-Trichloropropane	11.219	75	298071m	105.844	ug/l	
77) Bromobenzene	11.183	156	240181	97.018	ug/l	99
78) n-propylbenzene	11.287	91	1082239	96.002	ug/l	99
79) 2-Chlorotoluene	11.348	91	658434	96.659	ug/l	100
80) 1,3,5-Trimethylbenzene	11.433	105	769561	98.464	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	117309	105.450	ug/l	98
82) 4-Chlorotoluene	11.439	91	770164	96.385	ug/l	100
83) tert-Butylbenzene	11.695	119	801942	99.204	ug/l	99
84) 1,2,4-Trimethylbenzene	11.732	105	779410	98.837	ug/l	99
85) sec-Butylbenzene	11.872	105	962376	96.323	ug/l	100
86) p-Isopropyltoluene	11.994	119	825080	98.227	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	443784	95.645	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	441447	94.299	ug/l	99
89) n-Butylbenzene	12.317	91	761466	96.635	ug/l	99
90) Hexachloroethane	12.518	117	157787	98.594	ug/l	100
91) 1,2-Dichlorobenzene	12.317	146	429792	96.491	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	78635	100.084	ug/l	98
93) 1,2,4-Trichlorobenzene	13.567	180	289894	97.941	ug/l	99
94) Hexachlorobutadiene	13.707	225	111275	89.932	ug/l	98
95) Naphthalene	13.756	128	985717	103.580	ug/l	100
96) 1,2,3-Trichlorobenzene	13.939	180	277082	100.642	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110725\
Data File : VX048520.D
Acq On : 07 Nov 2025 14:58
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 11/10/2025
Supervised By :Semsettin Yesilyurt 11/10/2025

Quant Time: Nov 08 04:41:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 04:36:23 2025
Response via : Initial Calibration

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

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

ICAL Form

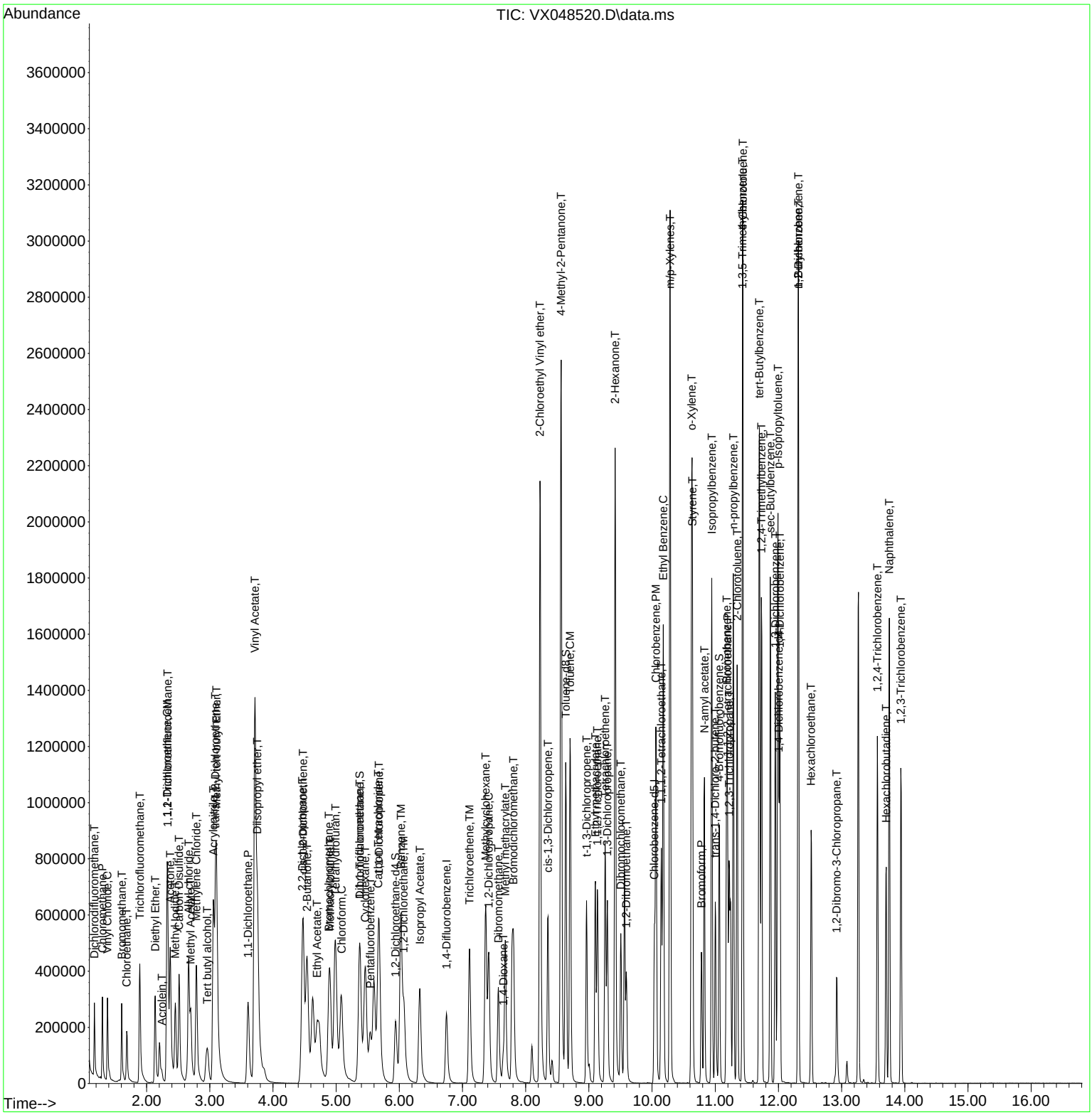
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110725\
Data File : VX048520.D
Acq On : 07 Nov 2025 14:58
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 08 04:41:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 04:36:23 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 11/10/2025
Supervised By :Semsettin Yesilyurt 11/10/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110725\
Data File : VX048521.D
Acq On : 07 Nov 2025 15:18
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 11/10/2025
Supervised By :Semsettin Yesilyurt 11/10/2025

Quant Time: Nov 08 04:42:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 04:36:23 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Pentafluorobenzene	5.538	168	178567	50.000 ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	292795	50.000 ug/l	0.00
63) Chlorobenzene-d5	10.037	117	246117	50.000 ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	131303	50.000 ug/l	# 0.00
System Monitoring Compounds					
33) 1,2-Dichloroethane-d4	5.940	65	333785	134.148 ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 268.300%#		
35) Dibromofluoromethane	5.373	113	287214	129.606 ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 259.220%#		
50) Toluene-d8	8.635	98	990842	143.361 ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 286.720%#		
62) 4-Bromofluorobenzene	11.067	95	371661	144.295 ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 288.600%#		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.173	85	253735	175.359 ug/l	99
3) Chloromethane	1.301	50	302480	157.614 ug/l	99
4) Vinyl Chloride	1.380	62	320003	147.272 ug/l	99
5) Bromomethane	1.605	94	153950	112.091 ug/l	96
6) Chloroethane	1.685	64	191395	134.501 ug/l	99
7) Trichlorofluoromethane	1.892	101	503070	146.345 ug/l	100
8) Diethyl Ether	2.136	74	188944	136.929 ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	298670	150.078 ug/l	98
10) Methyl Iodide	2.453	142	432790	146.948 ug/l	99
11) Tert butyl alcohol	2.977	59	340733	722.684 ug/l	98
12) 1,1-Dichloroethene	2.319	96	293656	141.269 ug/l	97
13) Acrolein	2.239	56	52843	781.843 ug/l	96
14) Allyl chloride	2.666	41	540073	139.545 ug/l	100
15) Acrylonitrile	3.056	53	953673	692.892 ug/l	99
16) Acetone	2.373	43	838719	712.110 ug/l	100
17) Carbon Disulfide	2.514	76	791417	135.297 ug/l	99
18) Methyl Acetate	2.697	43	440781	136.181 ug/l	100
19) Methyl tert-butyl Ether	3.111	73	997177	135.845 ug/l	99
20) Methylene Chloride	2.788	84	318695	131.614 ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	298171	135.338 ug/l	98
22) Diisopropyl ether	3.751	45	1038977	139.806 ug/l	97
23) Vinyl Acetate	3.715	43	4581534	703.934 ug/l	99
24) 1,1-Dichloroethane	3.605	63	557501	136.718 ug/l	99
25) 2-Butanone	4.544	43	1244508	714.272 ug/l	97
26) 2,2-Dichloropropane	4.471	77	495685	142.586 ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	366206	135.984 ug/l	99
28) Bromochloromethane	4.891	49	266434	133.003 ug/l	100
29) Tetrahydrofuran	4.989	42	818751	659.757 ug/l	98
30) Chloroform	5.080	83	563304	133.810 ug/l	98
31) Cyclohexane	5.458	56	487596	145.937 ug/l	96
32) 1,1,1-Trichloroethane	5.373	97	507525	138.143 ug/l	99
36) 1,1-Dichloropropene	5.678	75	394330	132.888 ug/l	100
37) Ethyl Acetate	4.696	43	561632	134.458 ug/l	99
38) Carbon Tetrachloride	5.666	117	442446	130.982 ug/l	97
39) Methylcyclohexane	7.367	83	520380	156.182 ug/l	96
40) Benzene	6.025	78	1202907	130.774 ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110725\
Data File : VX048521.D
Acq On : 07 Nov 2025 15:18
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 08 04:42:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 04:36:23 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 11/10/2025
Supervised By :Semsettin Yesilyurt 11/10/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.904	41	245609	133.706	ug/l	98
42) 1,2-Dichloroethane	6.074	62	415612	131.873	ug/l	99
43) Isopropyl Acetate	6.324	43	802693	136.707	ug/l	100
44) Trichloroethene	7.110	130	318538	144.879	ug/l	97
45) 1,2-Dichloropropane	7.415	63	298821	141.289	ug/l	98
46) Dibromomethane	7.568	93	220703	143.074	ug/l	99
47) Bromodichloromethane	7.805	83	447995	145.576	ug/l	100
48) Methyl methacrylate	7.677	41	382424	146.515	ug/l	99
49) 1,4-Dioxane	7.653	88	128773	3237.768	ug/l	98
51) 4-Methyl-2-Pentanone	8.561	43	2398543	717.630	ug/l	100
52) Toluene	8.702	92	740196	152.846	ug/l	99
53) t-1,3-Dichloropropene	8.964	75	475896	150.079	ug/l	99
54) cis-1,3-Dichloropropene	8.354	75	507432	154.544	ug/l	99
55) 1,1,2-Trichloroethane	9.134	97	288895	149.313	ug/l	97
56) Ethyl methacrylate	9.104	69	503008	156.260	ug/l	99
57) 1,3-Dichloropropane	9.293	76	484188	143.772	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.232	63	1366958	796.924	ug/l	100
59) 2-Hexanone	9.415	43	1828924	735.629	ug/l	100
60) Dibromochloromethane	9.506	129	354928	149.408	ug/l	99
61) 1,2-Dibromoethane	9.598	107	314737	150.188	ug/l	100
64) Tetrachloroethene	9.256	164	256641	143.566	ug/l	99
65) Chlorobenzene	10.061	112	815516	139.603	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.146	131	288555	147.422	ug/l	100
67) Ethyl Benzene	10.177	91	1401386	142.860	ug/l	98
68) m/p-Xylenes	10.287	106	1082548	293.018	ug/l	99
69) o-Xylene	10.628	106	536318	148.373	ug/l	100
70) Styrene	10.640	104	918795	151.528	ug/l	100
71) Bromoform	10.781	173	275305	152.457	ug/l	99
73) Isopropylbenzene	10.945	105	1375604	144.333	ug/l	99
74) N-amyl acetate	10.829	43	680374	142.173	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.195	83	466659	138.843	ug/l	100
76) 1,2,3-Trichloropropane	11.219	75	437992m	156.450	ug/l	
77) Bromobenzene	11.183	156	345419	140.354	ug/l	98
78) n-propylbenzene	11.287	91	1604351	143.159	ug/l	100
79) 2-Chlorotoluene	11.348	91	938129	138.534	ug/l	100
80) 1,3,5-Trimethylbenzene	11.433	105	1124584	144.740	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	178669	161.557	ug/l	99
82) 4-Chlorotoluene	11.439	91	1119611	140.947	ug/l	99
83) tert-Butylbenzene	11.695	119	1185835	147.561	ug/l	99
84) 1,2,4-Trimethylbenzene	11.732	105	1136998	145.036	ug/l	98
85) sec-Butylbenzene	11.872	105	1454720	146.463	ug/l	100
86) p-Isopropyltoluene	11.994	119	1244220	149.002	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	657153	142.468	ug/l	100
88) 1,4-Dichlorobenzene	12.024	146	658598	141.517	ug/l	100
89) n-Butylbenzene	12.317	91	1170811	149.462	ug/l	99
90) Hexachloroethane	12.518	117	234767	147.563	ug/l	97
91) 1,2-Dichlorobenzene	12.317	146	636660	143.779	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.920	75	112194	143.641	ug/l	95
93) 1,2,4-Trichlorobenzene	13.567	180	439995	149.532	ug/l	99
94) Hexachlorobutadiene	13.707	225	179249	145.725	ug/l	98
95) Naphthalene	13.756	128	1450179	153.288	ug/l	100
96) 1,2,3-Trichlorobenzene	13.938	180	414012	151.267	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110725\
Data File : VX048521.D
Acq On : 07 Nov 2025 15:18
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 11/10/2025
Supervised By :Semsettin Yesilyurt 11/10/2025

Quant Time: Nov 08 04:42:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 04:36:23 2025
Response via : Initial Calibration

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

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

ICAL Form

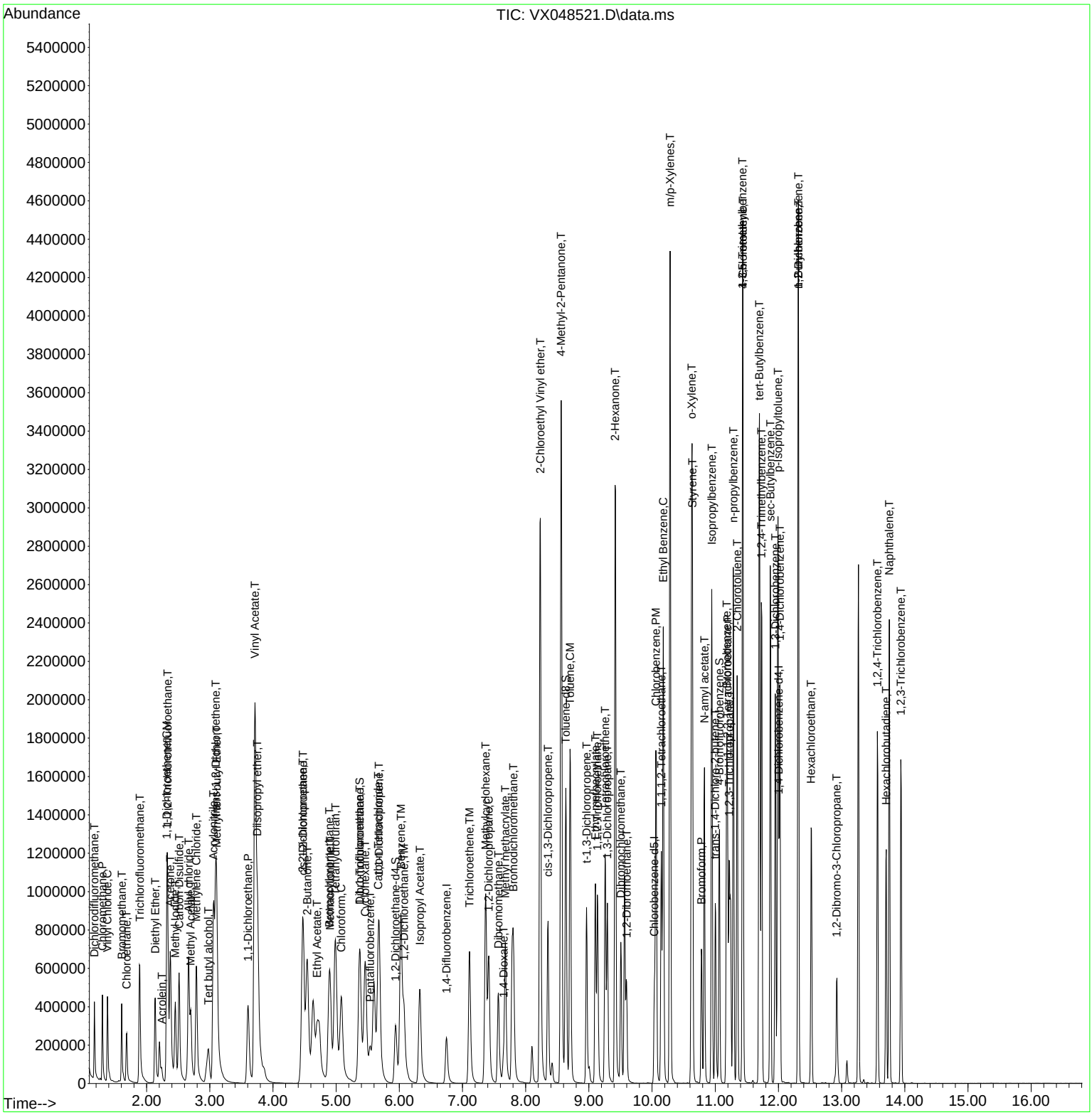
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110725\
Data File : VX048521.D
Acq On : 07 Nov 2025 15:18
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 08 04:42:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 04:36:23 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 11/10/2025
Supervised By :Semsettin Yesilyurt 11/10/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110725\
Data File : VX048524.D
Acq On : 07 Nov 2025 16:29
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 11/10/2025
Supervised By :Semsettin Yesilyurt 11/10/2025

Quant Time: Nov 08 04:43:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 04:36:23 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.538	168	180041	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	307413	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	271611	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	137081	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	123374	49.178	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 98.360%			
35) Dibromofluoromethane	5.373	113	107888	46.370	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 92.740%			
50) Toluene-d8	8.635	98	369557	50.927	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.860%			
62) 4-Bromofluorobenzene	11.061	95	136244	50.381	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.760%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	76351	52.335	ug/l	100
3) Chloromethane	1.301	50	106667	55.126	ug/l	100
4) Vinyl Chloride	1.380	62	107960	49.279	ug/l	100
5) Bromomethane	1.612	94	76656	55.356	ug/l	100
6) Chloroethane	1.691	64	68875	48.005	ug/l	100
7) Trichlorofluoromethane	1.892	101	159505	46.021	ug/l	100
8) Diethyl Ether	2.136	74	70765	50.864	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	92738	46.218	ug/l	100
10) Methyl Iodide	2.453	142	148356	49.960	ug/l	100
11) Tert butyl alcohol	2.941	59	124670	262.256	ug/l	100
12) 1,1-Dichloroethene	2.325	96	98074	46.794	ug/l	100
13) Acrolein	2.240	56	18158	266.459	ug/l	100
14) Allyl chloride	2.666	41	188637	48.341	ug/l	100
15) Acrylonitrile	3.056	53	363119	261.664	ug/l	100
16) Acetone	2.374	43	296864	249.987	ug/l	100
17) Carbon Disulfide	2.514	76	268053	45.450	ug/l	100
18) Methyl Acetate	2.697	43	156429	47.934	ug/l	100
19) Methyl tert-butyl Ether	3.105	73	381141	51.497	ug/l	100
20) Methylene Chloride	2.788	84	117536	48.142	ug/l	100
21) trans-1,2-Dichloroethene	3.093	96	107632	48.453	ug/l	100
22) Diisopropyl ether	3.751	45	371667	49.602	ug/l	100
23) Vinyl Acetate	3.715	43	1644477	250.599	ug/l	100
24) 1,1-Dichloroethane	3.605	63	198326	48.238	ug/l	100
25) 2-Butanone	4.538	43	455146	259.087	ug/l	100
26) 2,2-Dichloropropane	4.465	77	159000	45.363	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	130445	48.042	ug/l	100
28) Bromochloromethane	4.885	49	97819	48.431	ug/l	100
29) Tetrahydrofuran	4.989	42	313988	250.943	ug/l	100
30) Chloroform	5.087	83	201702	47.521	ug/l	100
31) Cyclohexane	5.458	56	156130	46.347	ug/l	100
32) 1,1,1-Trichloroethane	5.373	97	175119	47.275	ug/l	100
36) 1,1-Dichloropropene	5.678	75	131207	42.114	ug/l	100
37) Ethyl Acetate	4.696	43	205009	46.746	ug/l	100
38) Carbon Tetrachloride	5.666	117	149370	42.117	ug/l	100
39) Methylcyclohexane	7.367	83	156904	44.852	ug/l	100
40) Benzene	6.025	78	432976	44.833	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110725\
Data File : VX048524.D
Acq On : 07 Nov 2025 16:29
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 08 04:43:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 04:36:23 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 11/10/2025
Supervised By :Semsettin Yesilyurt 11/10/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.904	41	90811	47.085	ug/l	100
42) 1,2-Dichloroethane	6.074	62	147877	44.690	ug/l	100
43) Isopropyl Acetate	6.324	43	285622	46.331	ug/l	100
44) Trichloroethene	7.111	130	109058	47.244	ug/l	100
45) 1,2-Dichloropropane	7.415	63	110204	49.629	ug/l	100
46) Dibromomethane	7.568	93	82377	50.863	ug/l	100
47) Bromodichloromethane	7.806	83	167028	51.695	ug/l	100
48) Methyl methacrylate	7.678	41	142167	51.877	ug/l	100
49) 1,4-Dioxane	7.647	88	45365	1086.384	ug/l	100
51) 4-Methyl-2-Pentanone	8.555	43	952270	271.365	ug/l	100
52) Toluene	8.702	92	269581	53.020	ug/l	100
53) t-1,3-Dichloropropene	8.964	75	175854	52.820	ug/l	100
54) cis-1,3-Dichloropropene	8.354	75	186249	54.027	ug/l	100
55) 1,1,2-Trichloroethane	9.135	97	110910	54.597	ug/l	100
56) Ethyl methacrylate	9.098	69	190086	56.242	ug/l	100
57) 1,3-Dichloropropane	9.293	76	190119	53.768	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.226	63	544454	302.318	ug/l	100
59) 2-Hexanone	9.415	43	713506	273.339	ug/l	100
60) Dibromochloromethane	9.507	129	134082	53.758	ug/l	100
61) 1,2-Dibromoethane	9.592	107	117046	53.197	ug/l	100
64) Tetrachloroethene	9.257	164	88926	45.076	ug/l	100
65) Chlorobenzene	10.061	112	299156	46.404	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.147	131	106481	49.295	ug/l	100
67) Ethyl Benzene	10.177	91	512428	47.335	ug/l	100
68) m/p-Xylenes	10.287	106	391085	95.921	ug/l	100
69) o-Xylene	10.622	106	190935	47.864	ug/l	100
70) Styrene	10.634	104	328665	49.116	ug/l	100
71) Bromoform	10.781	173	94463	47.401	ug/l	100
73) Isopropylbenzene	10.945	105	475097	47.748	ug/l	100
74) N-amyl acetate	10.823	43	245758	49.190	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.195	83	168512	48.023	ug/l	100
76) 1,2,3-Trichloropropane	11.220	75	138398m	47.352	ug/l	
77) Bromobenzene	11.177	156	124641	48.510	ug/l	100
78) n-propylbenzene	11.287	91	551985	47.178	ug/l	100
79) 2-Chlorotoluene	11.348	91	334083	47.255	ug/l	100
80) 1,3,5-Trimethylbenzene	11.433	105	386446	47.641	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.000	75	59424	51.468	ug/l	100
82) 4-Chlorotoluene	11.433	91	392809	47.366	ug/l	100
83) tert-Butylbenzene	11.695	119	403731	48.121	ug/l	100
84) 1,2,4-Trimethylbenzene	11.732	105	397157	48.526	ug/l	100
85) sec-Butylbenzene	11.872	105	479253	46.218	ug/l	100
86) p-Isopropyltoluene	11.988	119	409592	46.983	ug/l	100
87) 1,3-Dichlorobenzene	11.951	146	225309	46.787	ug/l	100
88) 1,4-Dichlorobenzene	12.024	146	230056	47.350	ug/l	100
89) n-Butylbenzene	12.311	91	372536	45.552	ug/l	100
90) Hexachloroethane	12.518	117	75599	45.515	ug/l	100
91) 1,2-Dichlorobenzene	12.317	146	222592	48.150	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.921	75	40699	49.910	ug/l	100
93) 1,2,4-Trichlorobenzene	13.567	180	146070	47.549	ug/l	100
94) Hexachlorobutadiene	13.707	225	55716	43.386	ug/l	100
95) Naphthalene	13.756	128	507140	51.347	ug/l	100
96) 1,2,3-Trichlorobenzene	13.939	180	139324	48.759	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110725\
Data File : VX048524.D
Acq On : 07 Nov 2025 16:29
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 11/10/2025
Supervised By :Semsettin Yesilyurt 11/10/2025

Quant Time: Nov 08 04:43:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 04:36:23 2025
Response via : Initial Calibration

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

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

ICAL Form

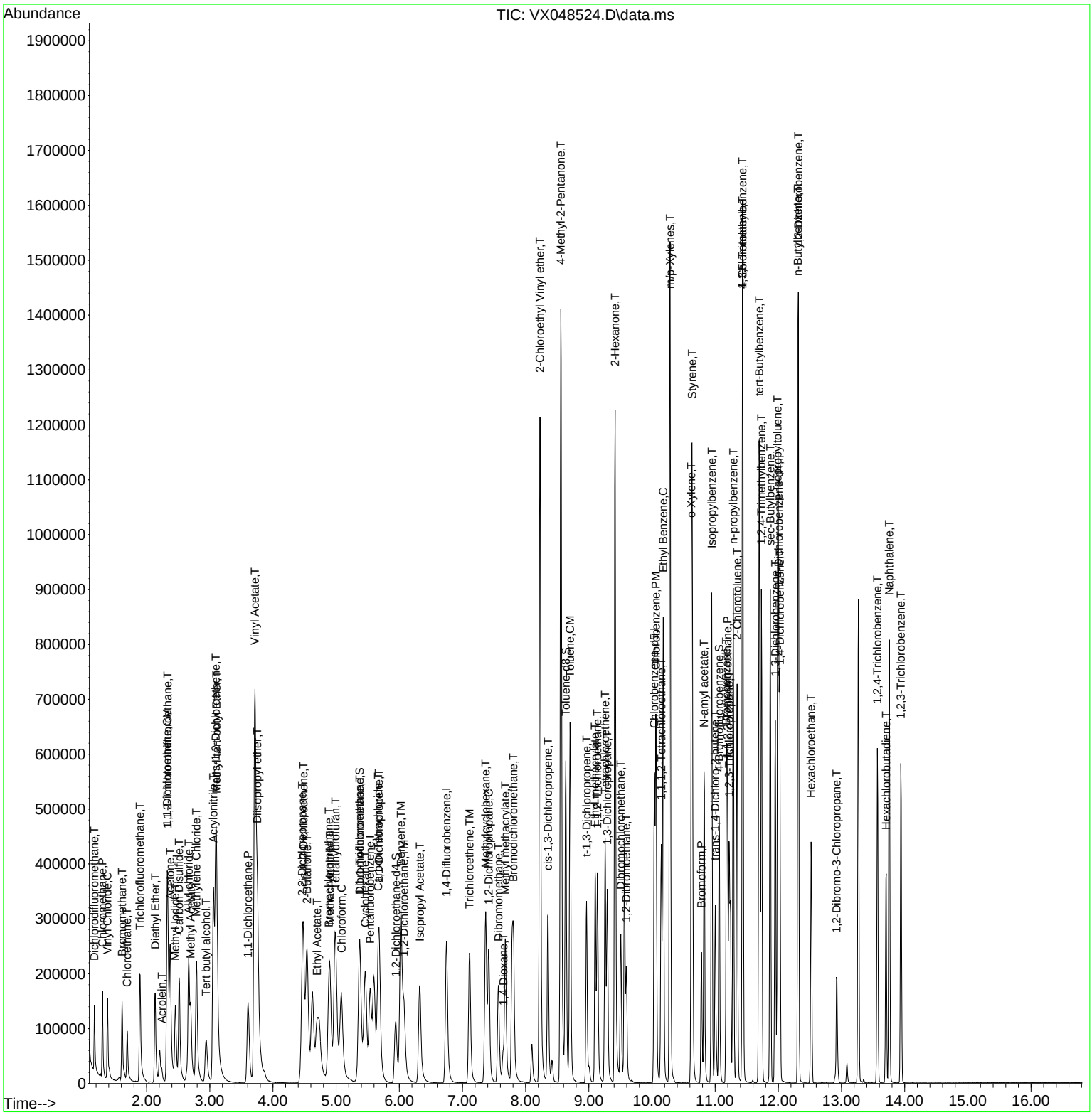
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110725\
Data File : VX048524.D
Acq On : 07 Nov 2025 16:29
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 08 04:43:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 04:36:23 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 11/10/2025
Supervised By :Semsettin Yesilyurt 11/10/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110725\
Data File : VX048525.D
Acq On : 07 Nov 2025 16:50
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX110725

Manual Integrations APPROVED

Reviewed By :John Carlone 11/10/2025
Supervised By :Semsettin Yesilyurt 11/10/2025

Quant Time: Nov 08 05:04:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:01:56 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	175429	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	300694	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	261891	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	133606	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	125725	51.433	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.860%			
35) Dibromofluoromethane	5.373	113	104074	45.730	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 91.460%			
50) Toluene-d8	8.635	98	360437	50.780	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.560%			
62) 4-Bromofluorobenzene	11.061	95	134490	50.843	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.680%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	79523	55.942	ug/l	99
3) Chloromethane	1.301	50	100103	53.094	ug/l	100
4) Vinyl Chloride	1.380	62	105708	49.519	ug/l	96
5) Bromomethane	1.611	94	74133	54.997	ug/l	97
6) Chloroethane	1.691	64	66991	47.919	ug/l	100
7) Trichlorofluoromethane	1.892	101	163901	48.532	ug/l	98
8) Diethyl Ether	2.136	74	68302	50.384	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.337	101	97010	49.618	ug/l	99
10) Methyl Iodide	2.453	142	148327	51.263	ug/l	99
11) Tert butyl alcohol	2.941	59	119049	257.016	ug/l	98
12) 1,1-Dichloroethene	2.325	96	96593	47.299	ug/l	95
13) Acrolein	2.239	56	17055	254.482	ug/l	98
14) Allyl chloride	2.666	41	180497	47.471	ug/l	99
15) Acrylonitrile	3.056	53	339497	251.074	ug/l	99
16) Acetone	2.374	43	289425	250.130	ug/l	98
17) Carbon Disulfide	2.514	76	263284	45.815	ug/l	100
18) Methyl Acetate	2.697	43	151597	47.674	ug/l	99
19) Methyl tert-butyl Ether	3.105	73	366166	50.775	ug/l	100
20) Methylene Chloride	2.788	84	112574	47.322	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	104272	48.175	ug/l	97
22) Diisopropyl ether	3.751	45	365126	50.011	ug/l	98
23) Vinyl Acetate	3.715	43	1623158	253.844	ug/l	99
24) 1,1-Dichloroethane	3.605	63	193671	48.344	ug/l	99
25) 2-Butanone	4.538	43	453513	264.945	ug/l	97
26) 2,2-Dichloropropane	4.465	77	162290	47.519	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	129253	48.854	ug/l	98
28) Bromochloromethane	4.885	49	97361	49.472	ug/l	98
29) Tetrahydrofuran	4.989	42	307563	251.928	ug/l	99
30) Chloroform	5.080	83	203402	49.181	ug/l	99
31) Cyclohexane	5.464	56	166346	50.678	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	177144	49.079	ug/l	100
36) 1,1-Dichloropropene	5.678	75	136129	44.670	ug/l	98
37) Ethyl Acetate	4.696	43	206366	48.107	ug/l	98
38) Carbon Tetrachloride	5.666	117	153372	44.212	ug/l	97
39) Methylcyclohexane	7.367	83	168487	49.240	ug/l	98
40) Benzene	6.025	78	428574	45.369	ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110725\
Data File : VX048525.D
Acq On : 07 Nov 2025 16:50
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX110725

Manual Integrations APPROVED

Reviewed By :John Carlone 11/10/2025
Supervised By :Semsettin Yesilyurt 11/10/2025

Quant Time: Nov 08 05:04:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:01:56 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.904	41	96023	50.900	ug/l		95
42) 1,2-Dichloroethane	6.074	62	149489	46.187	ug/l		99
43) Isopropyl Acetate	6.324	43	292708	48.542	ug/l		99
44) Trichloroethene	7.111	130	108399	48.007	ug/l		95
45) 1,2-Dichloropropane	7.415	63	109605	50.462	ug/l		97
46) Dibromomethane	7.568	93	81296	51.317	ug/l		97
47) Bromodichloromethane	7.806	83	164733	52.124	ug/l		99
48) Methyl methacrylate	7.677	41	141804	52.901	ug/l		99
49) 1,4-Dioxane	7.647	88	43542	1066.027	ug/l		97
51) 4-Methyl-2-Pentanone	8.555	43	943143	274.770	ug/l		99
52) Toluene	8.702	92	263658	53.014	ug/l		99
53) t-1,3-Dichloropropene	8.964	75	172732	53.042	ug/l		99
54) cis-1,3-Dichloropropene	8.354	75	183768	54.498	ug/l		99
55) 1,1,2-Trichloroethane	9.135	97	109093	54.903	ug/l		98
56) Ethyl methacrylate	9.098	69	186912	56.539	ug/l		98
57) 1,3-Dichloropropane	9.293	76	182103	52.652	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.226	63	533039	299.907	ug/l		100
59) 2-Hexanone	9.415	43	708416	277.453	ug/l		99
60) Dibromochloromethane	9.506	129	130424	53.460	ug/l		100
61) 1,2-Dibromoethane	9.592	107	115352	53.598	ug/l		99
64) Tetrachloroethene	9.256	164	91541	48.124	ug/l		96
65) Chlorobenzene	10.061	112	292507	47.057	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.147	131	103725	49.801	ug/l		99
67) Ethyl Benzene	10.177	91	505794	48.456	ug/l		97
68) m/p-Xylenes	10.287	106	391090	99.482	ug/l		98
69) o-Xylene	10.622	106	190122	49.430	ug/l		98
70) Styrene	10.640	104	318495	49.362	ug/l		99
71) Bromoform	10.781	173	92512	48.145	ug/l	#	100
73) Isopropylbenzene	10.945	105	479112	49.403	ug/l		99
74) N-amyl acetate	10.823	43	244571	50.225	ug/l		98
75) 1,1,2,2-Tetrachloroethane	11.195	83	167085	48.855	ug/l		99
76) 1,2,3-Trichloropropane	11.220	75	133852m	41.585	ug/l		
77) Bromobenzene	11.183	156	120400	48.079	ug/l		98
78) n-propylbenzene	11.287	91	560609	49.162	ug/l		100
79) 2-Chlorotoluene	11.348	91	336034	48.767	ug/l		99
80) 1,3,5-Trimethylbenzene	11.433	105	396355	50.134	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.000	75	57267	50.890	ug/l		96
82) 4-Chlorotoluene	11.433	91	396344	49.035	ug/l		100
83) tert-Butylbenzene	11.695	119	406392	49.698	ug/l		98
84) 1,2,4-Trimethylbenzene	11.732	105	399935	50.137	ug/l		99
85) sec-Butylbenzene	11.872	105	498225	49.297	ug/l		99
86) p-Isopropyltoluene	11.988	119	419888	49.417	ug/l		99
87) 1,3-Dichlorobenzene	11.951	146	223034	47.519	ug/l		99
88) 1,4-Dichlorobenzene	12.024	146	225606	46.536	ug/l		99
89) n-Butylbenzene	12.311	91	390447	48.984	ug/l		100
90) Hexachloroethane	12.518	117	78393	48.425	ug/l		100
91) 1,2-Dichlorobenzene	12.317	146	216201	47.984	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.920	75	40188	50.566	ug/l		99
93) 1,2,4-Trichlorobenzene	13.567	180	148227	49.507	ug/l		99
94) Hexachlorobutadiene	13.707	225	58865	47.031	ug/l		99
95) Naphthalene	13.756	128	506116	52.576	ug/l		100
96) 1,2,3-Trichlorobenzene	13.939	180	140560	50.471	ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110725\
Data File : VX048525.D
Acq On : 07 Nov 2025 16:50
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX110725

Manual Integrations APPROVED

Reviewed By :John Carlone 11/10/2025
Supervised By :Semsettin Yesilyurt 11/10/2025

Quant Time: Nov 08 05:04:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:01:56 2025
Response via : Initial Calibration

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

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

ICAL Form

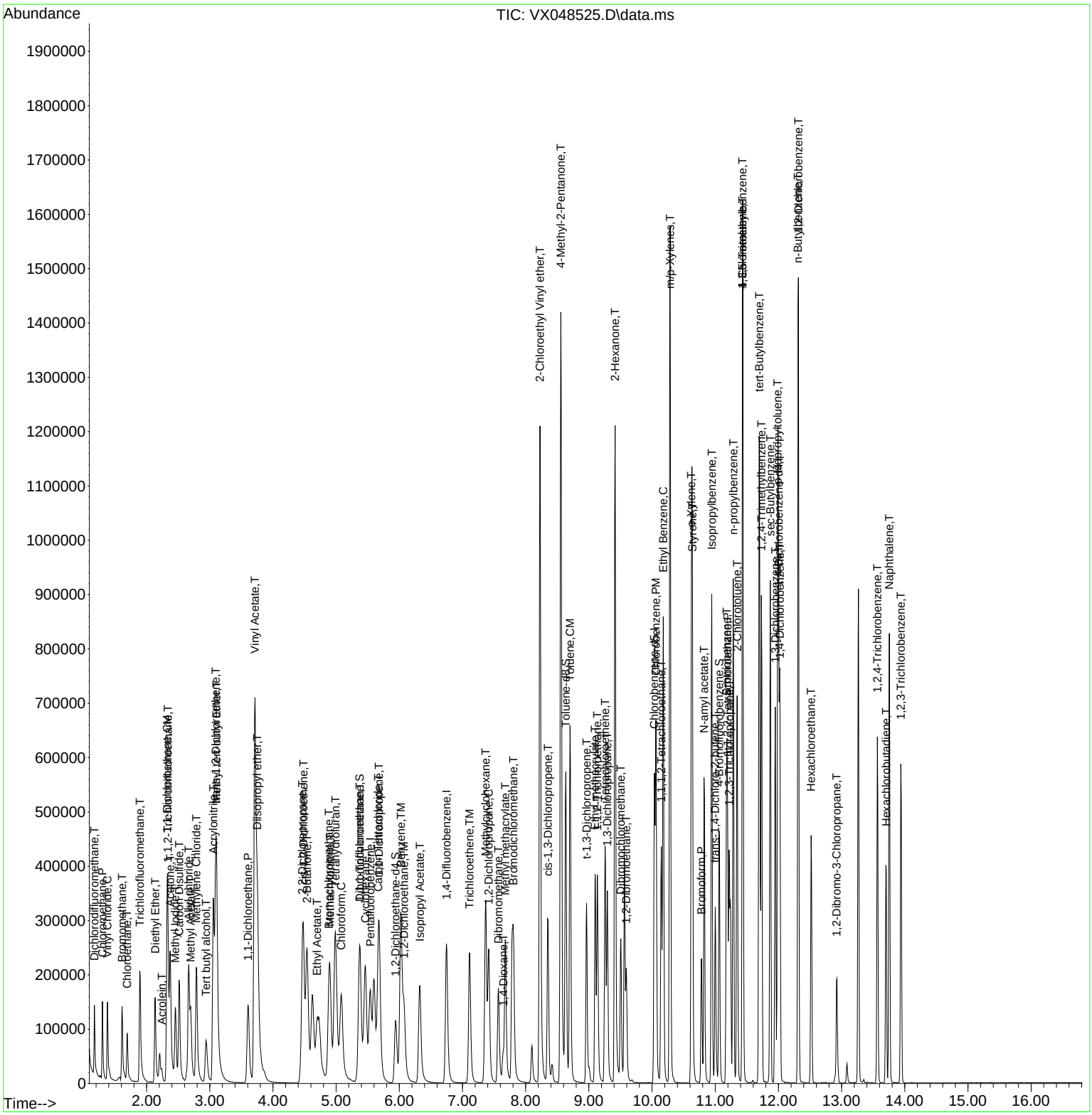
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110725\
Data File : VX048525.D
Acq On : 07 Nov 2025 16:50
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 08 05:04:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:01:56 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
ICVVX110725

Manual Integrations APPROVED

Reviewed By :John Carlone 11/10/2025
Supervised By :Semsettin Yesilyurt 11/10/2025



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110725\
Data File : VX048525.D
Acq On : 07 Nov 2025 16:50
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX110725

Quant Time: Nov 08 05:04:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:01:56 2025
Response via : Initial Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	1.000	1.000	0.0	97	0.00
2	T	Dichlorodifluoromethane	0.405	0.453	-11.9	104	0.00
3	P	Chloromethane	0.537	0.571	-6.3	94	0.00
4	C	Vinyl Chloride	0.608	0.603	0.8#	98	0.00
5	T	Bromomethane	0.384	0.423	-10.2	97	0.00
6	T	Chloroethane	0.398	0.382	4.0	97	0.00
7	T	Trichlorofluoromethane	0.963	0.934	3.0	103	0.00
8	T	Diethyl Ether	0.386	0.389	-0.8	97	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.557	0.553	0.7	105	0.00
10	T	Methyl Iodide	0.825	0.846	-2.5	100	0.00
11	T	Tert butyl alcohol	0.132	0.136	-3.0	95	0.00
12	CM	1,1-Dichloroethene	0.582	0.551	5.3#	98	0.00
13	T	Acrolein	0.019	0.019	0.0	94	0.00
14	T	Allyl chloride	1.084	1.029	5.1	96	0.00
15	T	Acrylonitrile	0.385	0.387	-0.5	93	0.00
16	T	Acetone	0.330	0.330	0.0	97	0.00
17	T	Carbon Disulfide	1.638	1.501	8.4	98	0.00
18	T	Methyl Acetate	0.906	0.864	4.6	97	0.00
19	T	Methyl tert-butyl Ether	2.055	2.087	-1.6	96	0.00
20	T	Methylene Chloride	0.678	0.642	5.3	96	0.00
21	T	trans-1,2-Dichloroethene	0.617	0.594	3.7	97	0.00
22	T	Diisopropyl ether	2.081	2.081	0.0	98	0.00
23	T	Vinyl Acetate	1.822	1.851	-1.6	99	0.00
24	P	1,1-Dichloroethane	1.142	1.104	3.3	98	0.00
25	T	2-Butanone	0.488	0.517	-5.9	100	0.00
26	T	2,2-Dichloropropane	0.973	0.925	4.9	102	0.00
27	T	cis-1,2-Dichloroethene	0.754	0.737	2.3	99	0.00
28	T	Bromochloromethane	0.561	0.555	1.1	100	0.00
29	T	Tetrahydrofuran	0.348	0.351	-0.9	98	0.00
30	C	Chloroform	1.179	1.159	1.7#	101	0.00
31	T	Cyclohexane	0.936	0.948	-1.3	107	0.00
32	T	1,1,1-Trichloroethane	1.029	1.010	1.8	101	0.00
33	S	1,2-Dichloroethane-d4	0.697	0.717	-2.9	102	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	98	0.00
35	S	Dibromofluoromethane	0.378	0.346	8.5	96	0.00
36	T	1,1-Dichloropropene	0.507	0.453	10.7	104	0.00
37	T	Ethyl Acetate	0.713	0.686	3.8	101	0.00
38	T	Carbon Tetrachloride	0.577	0.510	11.6	103	0.00
39	T	Methylcyclohexane	0.569	0.560	1.6	107	0.00
40	TM	Benzene	1.571	1.425	9.3	99	0.00
41	T	Methacrylonitrile	0.314	0.319	-1.6	106	0.00
42	TM	1,2-Dichloroethane	0.538	0.497	7.6	101	0.00
43	T	Isopropyl Acetate	1.003	0.973	3.0	102	0.00
44	TM	Trichloroethene	0.375	0.360	4.0	99	0.00
45	C	1,2-Dichloropropane	0.361	0.365	-1.1#	99	0.00
46	T	Dibromomethane	0.263	0.270	-2.7	99	0.00
47	T	Bromodichloromethane	0.526	0.548	-4.2	99	0.00
48	T	Methyl methacrylate	0.446	0.472	-5.8	100	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110725\
Data File : VX048525.D
Acq On : 07 Nov 2025 16:50
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX110725

Quant Time: Nov 08 05:04:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:01:56 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	0.007	0.007	0.0	96	0.00
50	S	Toluene-d8	1.180	1.199	-1.6	98	0.00
51	T	4-Methyl-2-Pentanone	0.571	0.627	-9.8	99	0.00
52	CM	Toluene	0.827	0.877	-6.0#	98	0.00
53	T	t-1,3-Dichloropropene	0.541	0.574	-6.1	98	0.00
54	T	cis-1,3-Dichloropropene	0.561	0.611	-8.9	99	0.00
55	T	1,1,2-Trichloroethane	0.330	0.363	-10.0	98	0.00
56	T	Ethyl methacrylate	0.550	0.622	-13.1	98	0.00
57	T	1,3-Dichloropropane	0.575	0.606	-5.4	96	0.00
58	T	2-Chloroethyl Vinyl ether	0.296	0.355	-19.9	98	0.00
59	T	2-Hexanone	0.425	0.471	-10.8	99	0.00
60	T	Dibromochloromethane	0.406	0.434	-6.9	97	0.00
61	T	1,2-Dibromoethane	0.358	0.384	-7.3	99	0.00
62	S	4-Bromofluorobenzene	0.440	0.447	-1.6	99	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	96	0.00
64	T	Tetrachloroethene	0.363	0.350	3.6	103	0.00
65	PM	Chlorobenzene	1.187	1.117	5.9	98	0.00
66	T	1,1,1,2-Tetrachloroethane	0.398	0.396	0.5	97	0.00
67	C	Ethyl Benzene	1.993	1.931	3.1#	99	0.00
68	T	m/p-Xylenes	0.751	0.747	0.5	100	0.00
69	T	o-Xylene	0.734	0.726	1.1	100	0.00
70	T	Styrene	1.232	1.216	1.3	97	0.00
71	P	Bromoform	0.367	0.353	3.8	98	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	97	0.00
73	T	Isopropylbenzene	3.629	3.586	1.2	101	0.00
74	T	N-amyl acetate	1.822	1.831	-0.5	100	0.00
75	P	1,1,2,2-Tetrachloroethane	1.280	1.251	2.3	99	0.00
76	T	1,2,3-Trichloropropane	1.205	1.002	16.8	66	0.00
77	T	Bromobenzene	0.937	0.901	3.8	97	0.00
78	T	n-propylbenzene	4.268	4.196	1.7	102	0.00
79	T	2-Chlorotoluene	2.579	2.515	2.5	101	0.00
80	T	1,3,5-Trimethylbenzene	2.959	2.967	-0.3	103	0.00
81	T	trans-1,4-Dichloro-2-butene	0.421	0.429	-1.9	96	0.00
82	T	4-Chlorotoluene	3.025	2.967	1.9	101	0.00
83	T	tert-Butylbenzene	3.060	3.042	0.6	101	0.00
84	T	1,2,4-Trimethylbenzene	2.985	2.993	-0.3	101	0.00
85	T	sec-Butylbenzene	3.782	3.729	1.4	104	0.00
86	T	p-Isopropyltoluene	3.180	3.143	1.2	103	0.00
87	T	1,3-Dichlorobenzene	1.756	1.669	5.0	99	0.00
88	T	1,4-Dichlorobenzene	1.814	1.689	6.9	98	0.00
89	T	n-Butylbenzene	2.983	2.922	2.0	105	0.00
90	T	Hexachloroethane	0.606	0.587	3.1	104	0.00
91	T	1,2-Dichlorobenzene	1.686	1.618	4.0	97	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.297	0.301	-1.3	99	0.00
93	T	1,2,4-Trichlorobenzene	1.120	1.109	1.0	101	0.00
94	T	Hexachlorobutadiene	0.468	0.441	5.8	106	0.00
95	T	Naphthalene	3.603	3.788	-5.1	100	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110725\
Data File : VX048525.D
Acq On : 07 Nov 2025 16:50
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX110725

Quant Time: Nov 08 05:04:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:01:56 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	1.042	1.052	-1.0	101	0.00

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

Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110725\
Data File : VX048525.D
Acq On : 07 Nov 2025 16:50
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX110725

Quant Time: Nov 08 05:04:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:01:56 2025
Response via : Initial Calibration

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

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	50.000	50.000	0.0	97	0.00
2	T	Dichlorodifluoromethane	50.000	55.942	-11.9	104	0.00
3	P	Chloromethane	50.000	53.094	-6.2	94	0.00
4	C	Vinyl Chloride	50.000	49.519	1.0#	98	0.00
5	T	Bromomethane	50.000	54.997	-10.0	97	0.00
6	T	Chloroethane	50.000	47.919	4.2	97	0.00
7	T	Trichlorofluoromethane	50.000	48.532	2.9	103	0.00
8	T	Diethyl Ether	50.000	50.384	-0.8	97	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	49.618	0.8	105	0.00
10	T	Methyl Iodide	50.000	51.263	-2.5	100	0.00
11	T	Tert butyl alcohol	250.000	257.016	-2.8	95	0.00
12	CM	1,1-Dichloroethene	50.000	47.299	5.4#	98	0.00
13	T	Acrolein	250.000	254.482	-1.8	94	0.00
14	T	Allyl chloride	50.000	47.471	5.1	96	0.00
15	T	Acrylonitrile	250.000	251.074	-0.4	93	0.00
16	T	Acetone	250.000	250.130	-0.1	97	0.00
17	T	Carbon Disulfide	50.000	45.815	8.4	98	0.00
18	T	Methyl Acetate	50.000	47.674	4.7	97	0.00
19	T	Methyl tert-butyl Ether	50.000	50.775	-1.5	96	0.00
20	T	Methylene Chloride	50.000	47.322	5.4	96	0.00
21	T	trans-1,2-Dichloroethene	50.000	48.175	3.7	97	0.00
22	T	Diisopropyl ether	50.000	50.011	-0.0	98	0.00
23	T	Vinyl Acetate	250.000	253.844	-1.5	99	0.00
24	P	1,1-Dichloroethane	50.000	48.344	3.3	98	0.00
25	T	2-Butanone	250.000	264.945	-6.0	100	0.00
26	T	2,2-Dichloropropane	50.000	47.519	5.0	102	0.00
27	T	cis-1,2-Dichloroethene	50.000	48.854	2.3	99	0.00
28	T	Bromochloromethane	50.000	49.472	1.1	100	0.00
29	T	Tetrahydrofuran	250.000	251.928	-0.8	98	0.00
30	C	Chloroform	50.000	49.181	1.6#	101	0.00
31	T	Cyclohexane	50.000	50.678	-1.4	107	0.00
32	T	1,1,1-Trichloroethane	50.000	49.079	1.8	101	0.00
33	S	1,2-Dichloroethane-d4	50.000	51.433	-2.9	102	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	98	0.00
35	S	Dibromofluoromethane	50.000	45.730	8.5	96	0.00
36	T	1,1-Dichloropropene	50.000	44.670	10.7	104	0.00
37	T	Ethyl Acetate	50.000	48.107	3.8	101	0.00
38	T	Carbon Tetrachloride	50.000	44.212	11.6	103	0.00
39	T	Methylcyclohexane	50.000	49.240	1.5	107	0.00
40	TM	Benzene	50.000	45.369	9.3	99	0.00
41	T	Methacrylonitrile	50.000	50.900	-1.8	106	0.00
42	TM	1,2-Dichloroethane	50.000	46.187	7.6	101	0.00
43	T	Isopropyl Acetate	50.000	48.542	2.9	102	0.00
44	TM	Trichloroethene	50.000	48.007	4.0	99	0.00
45	C	1,2-Dichloropropane	50.000	50.462	-0.9#	99	0.00
46	T	Dibromomethane	50.000	51.317	-2.6	99	0.00
47	T	Bromodichloromethane	50.000	52.124	-4.2	99	0.00
48	T	Methyl methacrylate	50.000	52.901	-5.8	100	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110725\
Data File : VX048525.D
Acq On : 07 Nov 2025 16:50
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX110725

Quant Time: Nov 08 05:04:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:01:56 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	1066.027	-6.6	96	0.00
50	S	Toluene-d8	50.000	50.780	-1.6	98	0.00
51	T	4-Methyl-2-Pentanone	250.000	274.770	-9.9	99	0.00
52	CM	Toluene	50.000	53.014	-6.0#	98	0.00
53	T	t-1,3-Dichloropropene	50.000	53.042	-6.1	98	0.00
54	T	cis-1,3-Dichloropropene	50.000	54.498	-9.0	99	0.00
55	T	1,1,2-Trichloroethane	50.000	54.903	-9.8	98	0.00
56	T	Ethyl methacrylate	50.000	56.539	-13.1	98	0.00
57	T	1,3-Dichloropropane	50.000	52.652	-5.3	96	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	299.907	-20.0	98	0.00
59	T	2-Hexanone	250.000	277.453	-11.0	99	0.00
60	T	Dibromochloromethane	50.000	53.460	-6.9	97	0.00
61	T	1,2-Dibromoethane	50.000	53.598	-7.2	99	0.00
62	S	4-Bromofluorobenzene	50.000	50.843	-1.7	99	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	96	0.00
64	T	Tetrachloroethene	50.000	48.124	3.8	103	0.00
65	PM	Chlorobenzene	50.000	47.057	5.9	98	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	49.801	0.4	97	0.00
67	C	Ethyl Benzene	50.000	48.456	3.1#	99	0.00
68	T	m/p-Xylenes	100.000	99.482	0.5	100	0.00
69	T	o-Xylene	50.000	49.430	1.1	100	0.00
70	T	Styrene	50.000	49.362	1.3	97	0.00
71	P	Bromoform	50.000	48.145	3.7	98	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	97	0.00
73	T	Isopropylbenzene	50.000	49.403	1.2	101	0.00
74	T	N-amyl acetate	50.000	50.225	-0.5	100	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	48.855	2.3	99	0.00
76	T	1,2,3-Trichloropropane	50.000	41.585	16.8	66	0.00
77	T	Bromobenzene	50.000	48.079	3.8	97	0.00
78	T	n-propylbenzene	50.000	49.162	1.7	102	0.00
79	T	2-Chlorotoluene	50.000	48.767	2.5	101	0.00
80	T	1,3,5-Trimethylbenzene	50.000	50.134	-0.3	103	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	50.890	-1.8	96	0.00
82	T	4-Chlorotoluene	50.000	49.035	1.9	101	0.00
83	T	tert-Butylbenzene	50.000	49.698	0.6	101	0.00
84	T	1,2,4-Trimethylbenzene	50.000	50.137	-0.3	101	0.00
85	T	sec-Butylbenzene	50.000	49.297	1.4	104	0.00
86	T	p-Isopropyltoluene	50.000	49.417	1.2	103	0.00
87	T	1,3-Dichlorobenzene	50.000	47.519	5.0	99	0.00
88	T	1,4-Dichlorobenzene	50.000	46.536	6.9	98	0.00
89	T	n-Butylbenzene	50.000	48.984	2.0	105	0.00
90	T	Hexachloroethane	50.000	48.425	3.2	104	0.00
91	T	1,2-Dichlorobenzene	50.000	47.984	4.0	97	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	50.566	-1.1	99	0.00
93	T	1,2,4-Trichlorobenzene	50.000	49.507	1.0	101	0.00
94	T	Hexachlorobutadiene	50.000	47.031	5.9	106	0.00
95	T	Naphthalene	50.000	52.576	-5.2	100	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110725\
Data File : VX048525.D
Acq On : 07 Nov 2025 16:50
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX110725

Quant Time: Nov 08 05:04:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:01:56 2025
Response via : Initial Calibration

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.471	-0.9	101	0.00

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

Raw Data: **VX048527.D**

Alliance TECHNICAL GROUP

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance | Contract: CHEM02

Lab Code: ACE | SDG No.: Q3573

Instrument ID: MSVOA_X | Calibration Date/Time: 11/10/2025 09:36

Lab File ID: VX048527.D | Init. Calib. Date(s): 11/07/2025 11/07/2025

Heated Purge: (Y/N) N | Init. Calib. Time(s): 13:35 16:29

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.405	0.480		18.52	20
Chloromethane	0.537	0.565	0.1	5.21	20
Vinyl Chloride	0.608	0.621		2.14	20
Ethyl Acetate	0.713	0.733		2.81	20
Bromomethane	0.384	0.424		10.42	20
Chloroethane	0.398	0.393		-1.26	20
Trichlorofluoromethane	0.963	0.965		0.21	20
1,1,2-Trichlorotrifluoroethane	0.557	0.576		3.41	20
Tert butyl alcohol	0.132	0.144		9.09	20
1,1-Dichloroethene	0.582	0.562		-3.44	20
Acrolein	0.019	0.019		0	20
Acrylonitrile	0.385	0.395		2.6	20
Acetone	0.330	0.343		3.94	20
Carbon Disulfide	1.638	1.516		-7.45	20
Methyl tert-butyl Ether	2.055	2.069		0.68	20
Methyl Acetate	0.906	0.850		-6.18	20
Methylene Chloride	0.678	0.639		-5.75	20
trans-1,2-Dichloroethene	0.617	0.596		-3.4	20
Vinyl Acetate	1.822	1.869		2.58	20
1,1-Dichloroethane	1.142	1.122	0.1	-1.75	20
Cyclohexane	0.936	0.927		-0.96	20
2-Butanone	0.488	0.511		4.71	20
Carbon Tetrachloride	0.577	0.527		-8.67	20
2,2-Dichloropropane	0.973	0.918		-5.65	20
cis-1,2-Dichloroethene	0.754	0.725		-3.85	20
Bromochloromethane	0.561	0.484		-13.73	20
Chloroform	1.179	1.127		-4.41	20
1,1,1-Trichloroethane	1.029	0.979		-4.86	20
Methylcyclohexane	0.569	0.601		5.62	20
1,1-Dichloropropene	0.507	0.471		-7.1	20
Benzene	1.571	1.482		-5.66	20
1,2-Dichloroethane	0.538	0.510		-5.2	20
Trichloroethene	0.375	0.381		1.6	20
1,2-Dichloropropane	0.361	0.377		4.43	20
Dibromomethane	0.263	0.277		5.32	20
Bromodichloromethane	0.526	0.561		6.65	20
4-Methyl-2-Pentanone	0.571	0.642		12.43	20
Toluene	0.827	0.921		11.37	20

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

Raw Data: **VX048527.D**

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: CHEM02
Lab Code: ACE
SDG No.: Q3573
Instrument ID: MSVOA_X
Calibration Date/Time: 11/10/2025 09:36
Lab File ID: VX048527.D
Init. Calib. Date(s): 11/07/2025 11/07/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 13:35 16:29
GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
t-1,3-Dichloropropene	0.541	0.584		7.95	20
cis-1,3-Dichloropropene	0.561	0.625		11.41	20
1,1,2-Trichloroethane	0.330	0.369		11.82	20
1,3-Dichloropropane	0.575	0.625		8.7	20
2-Chloroethyl Vinyl ether	0.296	0.352		18.92	20
2-Hexanone	0.425	0.474		11.53	20
Dibromochloromethane	0.406	0.451		11.08	20
1,2-Dibromoethane	0.358	0.397		10.89	20
Tetrachloroethene	0.363	0.364		0.28	20
Chlorobenzene	1.187	1.191	0.3	0.34	20
1,1,1,2-Tetrachloroethane	0.398	0.417		4.77	20
Hexachloroethane	0.606	0.619		2.14	20
Ethyl Benzene	1.993	2.013		1	20
m/p-Xylenes	0.751	0.779		3.73	20
o-Xylene	0.734	0.763		3.95	20
Styrene	1.232	1.286		4.38	20
Bromoform	0.367	0.373	0.1	1.63	20
Isopropylbenzene	3.629	3.726		2.67	20
1,1,2,2-Tetrachloroethane	1.280	1.279	0.3	-0.08	20
1,2,3-Trichloropropane	1.128	1.070		-5.14	20
Bromobenzene	0.937	0.962		2.67	20
n-propylbenzene	4.268	4.321		1.24	20
2-Chlorotoluene	2.579	2.589		0.39	20
1,3,5-Trimethylbenzene	2.959	3.039		2.7	20
4-Chlorotoluene	3.025	3.012		-0.43	20
tert-Butylbenzene	3.060	3.128		2.22	20
1,2,4-Trimethylbenzene	2.985	3.066		2.71	20
sec-Butylbenzene	3.782	3.862		2.12	20
p-Isopropyltoluene	3.180	3.282		3.21	20
1,3-Dichlorobenzene	1.756	1.740		-0.91	20
1,4-Dichlorobenzene	1.814	1.782		-1.76	20
n-Butylbenzene	2.983	3.010		0.9	20
1,2-Dichlorobenzene	1.686	1.710		1.42	20
1,2-Dibromo-3-Chloropropane	0.297	0.312		5.05	20
1,2,4-Trichlorobenzene	1.120	1.177		5.09	20
Hexachlorobutadiene	0.468	0.476		1.71	20
Naphthalene	3.603	3.918		8.74	20
1,2,3-Trichlorobenzene	1.042	1.088		4.41	20

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

Raw Data: **VX048527.D**

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	Alliance	Contract:	CHEM02
Lab Code:	ACE	SDG No.:	Q3573
Instrument ID:	MSVOA_X	Calibration Date/Time:	11/10/2025 09:36
Lab File ID:	VX048527.D	Init. Calib. Date(s):	11/07/2025 11/07/2025
Heated Purge: (Y/N)	N	Init. Calib. Time(s):	13:35 16:29

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
1,2-Dichloroethane-d4	0.697	0.616		-11.62	20
Dibromofluoromethane	0.378	0.321		-15.08	20
Toluene-d8	1.180	1.100		-6.78	20
4-Bromofluorobenzene	0.440	0.405		-7.95	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\VX111025\
Data File : VX048527.D
Acq On : 10 Nov 2025 09:36
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 11 00:41:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.532	168	178330	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.739	114	288528	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	248957	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	127604	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	109906	44.230	ug/l	-0.01
Spiked Amount 50.000	Range 78 - 117		Recovery = 88.460%			
35) Dibromofluoromethane	5.367	113	92497	42.357	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 84.720%			
50) Toluene-d8	8.629	98	317350	46.595	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 93.200%			
62) 4-Bromofluorobenzene	11.061	95	116887	46.052	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 92.100%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	85611	59.245	ug/l	99
3) Chloromethane	1.301	50	100818	52.603	ug/l	100
4) Vinyl Chloride	1.380	62	110747	51.036	ug/l	100
5) Bromomethane	1.611	94	75670	55.224	ug/l	95
6) Chloroethane	1.691	64	69997	49.255	ug/l	97
7) Trichlorofluoromethane	1.892	101	172021	50.108	ug/l	99
8) Diethyl Ether	2.130	74	69847	50.686	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	102673	51.661	ug/l	98
10) Methyl Iodide	2.453	142	151908	51.647	ug/l	100
11) Tert butyl alcohol	2.941	59	128050	271.951	ug/l	98
12) 1,1-Dichloroethene	2.319	96	100155	48.245	ug/l	98
13) Acrolein	2.233	56	17101	251.017	ug/l	95
14) Allyl chloride	2.660	41	185405	47.969	ug/l	98
15) Acrylonitrile	3.050	53	351828	255.961	ug/l	98
16) Acetone	2.367	43	305842	260.019	ug/l	99
17) Carbon Disulfide	2.514	76	270402	46.288	ug/l	99
18) Methyl Acetate	2.697	43	151570	46.890	ug/l	99
19) Methyl tert-butyl Ether	3.105	73	368935	50.327	ug/l	100
20) Methylene Chloride	2.782	84	114010	47.146	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	106333	48.328	ug/l	96
22) Diisopropyl ether	3.745	45	379216	51.095	ug/l	99
23) Vinyl Acetate	3.709	43	1666376	256.363	ug/l	98
24) 1,1-Dichloroethane	3.599	63	200109	49.139	ug/l	99
25) 2-Butanone	4.532	43	455643	261.859	ug/l	98
26) 2,2-Dichloropropane	4.459	77	163644	47.136	ug/l	99
27) cis-1,2-Dichloroethene	4.471	96	129205	48.042	ug/l	99
28) Bromochloromethane	4.879	49	86262	43.119	ug/l	99
29) Tetrahydrofuran	4.977	42	315207	253.989	ug/l	99
30) Chloroform	5.074	83	200941	47.796	ug/l	96
31) Cyclohexane	5.458	56	165350	49.555	ug/l	96
32) 1,1,1-Trichloroethane	5.367	97	174574	47.580	ug/l	99
36) 1,1-Dichloropropene	5.672	75	135962	46.496	ug/l	99
37) Ethyl Acetate	4.690	43	211595	51.406	ug/l	97
38) Carbon Tetrachloride	5.660	117	152062	45.682	ug/l	94
39) Methylcyclohexane	7.360	83	173445	52.826	ug/l	96
40) Benzene	6.019	78	427699	47.185	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
Data File : VX048527.D
Acq On : 10 Nov 2025 09:36
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 11 00:41:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.891	41	86579	47.829	ug/l		95
42) 1,2-Dichloroethane	6.062	62	147198	47.396	ug/l		100
43) Isopropyl Acetate	6.312	43	283994	49.082	ug/l		99
44) Trichloroethene	7.104	130	109920	50.734	ug/l		96
45) 1,2-Dichloropropane	7.409	63	108666	52.139	ug/l		100
46) Dibromomethane	7.562	93	80004	52.631	ug/l		100
47) Bromodichloromethane	7.799	83	161825	53.363	ug/l		100
48) Methyl methacrylate	7.671	41	139103	54.081	ug/l		99
49) 1,4-Dioxane	7.635	88	50438	1286.929	ug/l		98
51) 4-Methyl-2-Pentanone	8.555	43	925846	281.104	ug/l		100
52) Toluene	8.702	92	265616	55.659	ug/l		99
53) t-1,3-Dichloropropene	8.958	75	168411	53.896	ug/l		99
54) cis-1,3-Dichloropropene	8.348	75	180282	55.719	ug/l		98
55) 1,1,2-Trichloroethane	9.135	97	106392	55.801	ug/l		98
56) Ethyl methacrylate	9.098	69	182551	57.548	ug/l		100
57) 1,3-Dichloropropane	9.293	76	180254	54.315	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.220	63	507630	297.654	ug/l		100
59) 2-Hexanone	9.415	43	683093	278.816	ug/l		100
60) Dibromochloromethane	9.500	129	130019	55.541	ug/l		99
61) 1,2-Dibromoethane	9.592	107	114609	55.498	ug/l		100
64) Tetrachloroethene	9.256	164	90497	50.047	ug/l		98
65) Chlorobenzene	10.061	112	296520	50.180	ug/l		97
66) 1,1,1,2-Tetrachloroethane	10.147	131	103698	52.375	ug/l		99
67) Ethyl Benzene	10.177	91	501264	50.517	ug/l		97
68) m/p-Xylenes	10.281	106	387746	103.755	ug/l		100
69) o-Xylene	10.622	106	189852	51.924	ug/l		97
70) Styrene	10.634	104	320200	52.205	ug/l		100
71) Bromoform	10.781	173	92793	50.800	ug/l	#	99
73) Isopropylbenzene	10.945	105	475450	51.332	ug/l		100
74) N-amyl acetate	10.823	43	232443	49.980	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.195	83	163245	49.978	ug/l		99
76) 1,2,3-Trichloropropane	11.220	75	136517m	44.408	ug/l		
77) Bromobenzene	11.183	156	122796	51.342	ug/l		97
78) n-propylbenzene	11.287	91	551408	50.629	ug/l		99
79) 2-Chlorotoluene	11.348	91	330359	50.198	ug/l		100
80) 1,3,5-Trimethylbenzene	11.433	105	387727	51.349	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.000	75	57097	53.125	ug/l		96
82) 4-Chlorotoluene	11.433	91	384404	49.795	ug/l		99
83) tert-Butylbenzene	11.695	119	399107	51.103	ug/l		98
84) 1,2,4-Trimethylbenzene	11.732	105	391284	51.359	ug/l		99
85) sec-Butylbenzene	11.872	105	492824	51.056	ug/l		99
86) p-Isopropyltoluene	11.988	119	418758	51.602	ug/l		100
87) 1,3-Dichlorobenzene	11.951	146	222074	49.540	ug/l		99
88) 1,4-Dichlorobenzene	12.024	146	227433	49.119	ug/l		99
89) n-Butylbenzene	12.311	91	384073	50.451	ug/l		98
90) Hexachloroethane	12.518	117	79022	51.109	ug/l		100
91) 1,2-Dichlorobenzene	12.317	146	218152	50.694	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.927	75	39864	52.517	ug/l		98
93) 1,2,4-Trichlorobenzene	13.567	180	150147	52.507	ug/l		98
94) Hexachlorobutadiene	13.707	225	60697	50.776	ug/l		98
95) Naphthalene	13.756	128	499922	54.375	ug/l		100
96) 1,2,3-Trichlorobenzene	13.939	180	138859	52.205	ug/l		97

Sample Results: **VX048527.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
Data File : VX048527.D
Acq On : 10 Nov 2025 09:36
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025

Quant Time: Nov 11 00:41:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
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Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 11 00:41:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
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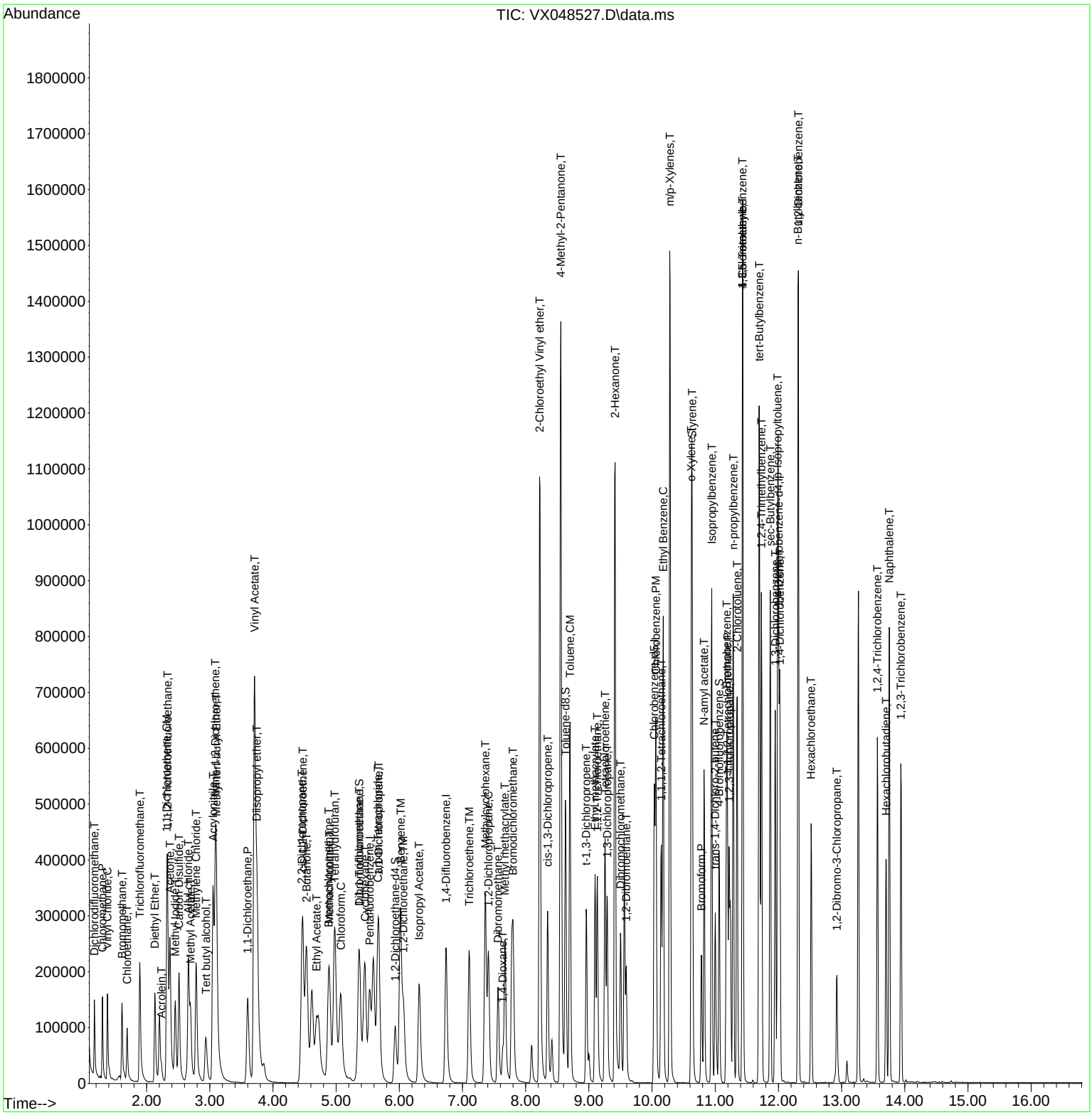
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025



Sample Results: **VX048527.D**

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Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Nov 11 00:41:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 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	99	0.00
2	T	Dichlorodifluoromethane	0.405	0.480	-18.5	112	0.00
3	P	Chloromethane	0.537	0.565	-5.2	95	0.00
4	C	Vinyl Chloride	0.608	0.621	-2.1#	103	0.00
5	T	Bromomethane	0.384	0.424	-10.4	99	0.00
6	T	Chloroethane	0.398	0.393	1.3	102	0.00
7	T	Trichlorofluoromethane	0.963	0.965	-0.2	108	0.00
8	T	Diethyl Ether	0.386	0.392	-1.6	99	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.557	0.576	-3.4	111	0.00
10	T	Methyl Iodide	0.825	0.852	-3.3	102	0.00
11	T	Tert butyl alcohol	0.132	0.144	-9.1	103	0.00
12	CM	1,1-Dichloroethene	0.582	0.562	3.4#	102	0.00
13	T	Acrolein	0.019	0.019	0.0	94	0.00
14	T	Allyl chloride	1.084	1.040	4.1	98	0.00
15	T	Acrylonitrile	0.385	0.395	-2.6	97	0.00
16	T	Acetone	0.330	0.343	-3.9	103	0.00
17	T	Carbon Disulfide	1.638	1.516	7.4	101	0.00
18	T	Methyl Acetate	0.906	0.850	6.2	97	0.00
19	T	Methyl tert-butyl Ether	2.055	2.069	-0.7	97	0.00
20	T	Methylene Chloride	0.678	0.639	5.8	97	0.00
21	T	trans-1,2-Dichloroethene	0.617	0.596	3.4	99	0.00
22	T	Diisopropyl ether	2.081	2.126	-2.2	102	0.00
23	T	Vinyl Acetate	1.822	1.869	-2.6	101	0.00
24	P	1,1-Dichloroethane	1.142	1.122	1.8	101	0.00
25	T	2-Butanone	0.488	0.511	-4.7	100	0.00
26	T	2,2-Dichloropropane	0.973	0.918	5.7	103	0.00
27	T	cis-1,2-Dichloroethene	0.754	0.725	3.8	99	-0.01
28	T	Bromochloromethane	0.561	0.484	13.7	88	0.00
29	T	Tetrahydrofuran	0.348	0.354	-1.7	100	-0.01
30	C	Chloroform	1.179	1.127	4.4#	100	-0.01
31	T	Cyclohexane	0.936	0.927	1.0	106	0.00
32	T	1,1,1-Trichloroethane	1.029	0.979	4.9	100	0.00
33	S	1,2-Dichloroethane-d4	0.697	0.616	11.6	89	-0.01
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	94	0.00
35	S	Dibromofluoromethane	0.378	0.321	15.1	86	0.00
36	T	1,1-Dichloropropene	0.507	0.471	7.1	104	0.00
37	T	Ethyl Acetate	0.713	0.733	-2.8	103	0.00
38	T	Carbon Tetrachloride	0.577	0.527	8.7	102	0.00
39	T	Methylcyclohexane	0.569	0.601	-5.6	111	0.00
40	TM	Benzene	1.571	1.482	5.7	99	0.00
41	T	Methacrylonitrile	0.314	0.300	4.5	95	-0.01
42	TM	1,2-Dichloroethane	0.538	0.510	5.2	100	-0.01
43	T	Isopropyl Acetate	1.003	0.984	1.9	99	-0.01
44	TM	Trichloroethene	0.375	0.381	-1.6	101	0.00
45	C	1,2-Dichloropropane	0.361	0.377	-4.4#	99	0.00
46	T	Dibromomethane	0.263	0.277	-5.3	97	0.00
47	T	Bromodichloromethane	0.526	0.561	-6.7	97	0.00
48	T	Methyl methacrylate	0.446	0.482	-8.1	98	0.00

Sample Results: **VX048527.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
Data File : VX048527.D
Acq On : 10 Nov 2025 09:36
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Nov 11 00:41:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 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	0.007	0.009	-28.6#	111	-0.01
50	S	Toluene-d8	1.180	1.100	6.8	86	0.00
51	T	4-Methyl-2-Pentanone	0.571	0.642	-12.4	97	0.00
52	CM	Toluene	0.827	0.921	-11.4#	99	0.00
53	T	t-1,3-Dichloropropene	0.541	0.584	-7.9	96	0.00
54	T	cis-1,3-Dichloropropene	0.561	0.625	-11.4	97	0.00
55	T	1,1,2-Trichloroethane	0.330	0.369	-11.8	96	0.00
56	T	Ethyl methacrylate	0.550	0.633	-15.1	96	0.00
57	T	1,3-Dichloropropane	0.575	0.625	-8.7	95	0.00
58	T	2-Chloroethyl Vinyl ether	0.296	0.352	-18.9	93	0.00
59	T	2-Hexanone	0.425	0.474	-11.5	96	0.00
60	T	Dibromochloromethane	0.406	0.451	-11.1	97	0.00
61	T	1,2-Dibromoethane	0.358	0.397	-10.9	98	0.00
62	S	4-Bromofluorobenzene	0.440	0.405	8.0	86	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	92	0.00
64	T	Tetrachloroethene	0.363	0.364	-0.3	102	0.00
65	PM	Chlorobenzene	1.187	1.191	-0.3	99	0.00
66	T	1,1,1,2-Tetrachloroethane	0.398	0.417	-4.8	97	0.00
67	C	Ethyl Benzene	1.993	2.013	-1.0#	98	0.00
68	T	m/p-Xylenes	0.751	0.779	-3.7	99	0.00
69	T	o-Xylene	0.734	0.763	-4.0	99	0.00
70	T	Styrene	1.232	1.286	-4.4	97	0.00
71	P	Bromoform	0.367	0.373	-1.6	98	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	93	0.00
73	T	Isopropylbenzene	3.629	3.726	-2.7	100	0.00
74	T	N-amyl acetate	1.822	1.822	0.0	95	0.00
75	P	1,1,2,2-Tetrachloroethane	1.280	1.279	0.1	97	0.00
76	T	1,2,3-Trichloropropane	1.205	1.070	11.2	68	0.00
77	T	Bromobenzene	0.937	0.962	-2.7	99	0.00
78	T	n-propylbenzene	4.268	4.321	-1.2	100	0.00
79	T	2-Chlorotoluene	2.579	2.589	-0.4	99	0.00
80	T	1,3,5-Trimethylbenzene	2.959	3.039	-2.7	100	0.00
81	T	trans-1,4-Dichloro-2-butene	0.421	0.447	-6.2	96	0.00
82	T	4-Chlorotoluene	3.025	3.012	0.4	98	0.00
83	T	tert-Butylbenzene	3.060	3.128	-2.2	99	0.00
84	T	1,2,4-Trimethylbenzene	2.985	3.066	-2.7	99	0.00
85	T	sec-Butylbenzene	3.782	3.862	-2.1	103	0.00
86	T	p-Isopropyltoluene	3.180	3.282	-3.2	102	0.00
87	T	1,3-Dichlorobenzene	1.756	1.740	0.9	99	0.00
88	T	1,4-Dichlorobenzene	1.814	1.782	1.8	99	0.00
89	T	n-Butylbenzene	2.983	3.010	-0.9	103	0.00
90	T	Hexachloroethane	0.606	0.619	-2.1	105	0.00
91	T	1,2-Dichlorobenzene	1.686	1.710	-1.4	98	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.297	0.312	-5.1	98	0.00
93	T	1,2,4-Trichlorobenzene	1.120	1.177	-5.1	103	0.00
94	T	Hexachlorobutadiene	0.468	0.476	-1.7	109	0.00
95	T	Naphthalene	3.603	3.918	-8.7	99	0.00

Sample Results: **VX048527.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
Data File : VX048527.D
Acq On : 10 Nov 2025 09:36
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Nov 11 00:41:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 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	1.042	1.088	-4.4	100	0.00

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

Sample Results: **VX048527.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
Data File : VX048527.D
Acq On : 10 Nov 2025 09:36
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Nov 11 00:41:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 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	99	0.00
2	T	Dichlorodifluoromethane	50.000	59.245	-18.5	112	0.00
3	P	Chloromethane	50.000	52.603	-5.2	95	0.00
4	C	Vinyl Chloride	50.000	51.036	-2.1#	103	0.00
5	T	Bromomethane	50.000	55.224	-10.4	99	0.00
6	T	Chloroethane	50.000	49.255	1.5	102	0.00
7	T	Trichlorofluoromethane	50.000	50.108	-0.2	108	0.00
8	T	Diethyl Ether	50.000	50.686	-1.4	99	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	51.661	-3.3	111	0.00
10	T	Methyl Iodide	50.000	51.647	-3.3	102	0.00
11	T	Tert butyl alcohol	250.000	271.951	-8.8	103	0.00
12	CM	1,1-Dichloroethene	50.000	48.245	3.5#	102	0.00
13	T	Acrolein	250.000	251.017	-0.4	94	0.00
14	T	Allyl chloride	50.000	47.969	4.1	98	0.00
15	T	Acrylonitrile	250.000	255.961	-2.4	97	0.00
16	T	Acetone	250.000	260.019	-4.0	103	0.00
17	T	Carbon Disulfide	50.000	46.288	7.4	101	0.00
18	T	Methyl Acetate	50.000	46.890	6.2	97	0.00
19	T	Methyl tert-butyl Ether	50.000	50.327	-0.7	97	0.00
20	T	Methylene Chloride	50.000	47.146	5.7	97	0.00
21	T	trans-1,2-Dichloroethene	50.000	48.328	3.3	99	0.00
22	T	Diisopropyl ether	50.000	51.095	-2.2	102	0.00
23	T	Vinyl Acetate	250.000	256.363	-2.5	101	0.00
24	P	1,1-Dichloroethane	50.000	49.139	1.7	101	0.00
25	T	2-Butanone	250.000	261.859	-4.7	100	0.00
26	T	2,2-Dichloropropane	50.000	47.136	5.7	103	0.00
27	T	cis-1,2-Dichloroethene	50.000	48.042	3.9	99	-0.01
28	T	Bromochloromethane	50.000	43.119	13.8	88	0.00
29	T	Tetrahydrofuran	250.000	253.989	-1.6	100	-0.01
30	C	Chloroform	50.000	47.796	4.4#	100	-0.01
31	T	Cyclohexane	50.000	49.555	0.9	106	0.00
32	T	1,1,1-Trichloroethane	50.000	47.580	4.8	100	0.00
33	S	1,2-Dichloroethane-d4	50.000	44.230	11.5	89	-0.01
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	94	0.00
35	S	Dibromofluoromethane	50.000	42.357	15.3	86	0.00
36	T	1,1-Dichloropropene	50.000	46.496	7.0	104	0.00
37	T	Ethyl Acetate	50.000	51.406	-2.8	103	0.00
38	T	Carbon Tetrachloride	50.000	45.682	8.6	102	0.00
39	T	Methylcyclohexane	50.000	52.826	-5.7	111	0.00
40	TM	Benzene	50.000	47.185	5.6	99	0.00
41	T	Methacrylonitrile	50.000	47.829	4.3	95	-0.01
42	TM	1,2-Dichloroethane	50.000	47.396	5.2	100	-0.01
43	T	Isopropyl Acetate	50.000	49.082	1.8	99	-0.01
44	TM	Trichloroethene	50.000	50.734	-1.5	101	0.00
45	C	1,2-Dichloropropane	50.000	52.139	-4.3#	99	0.00
46	T	Dibromomethane	50.000	52.631	-5.3	97	0.00
47	T	Bromodichloromethane	50.000	53.363	-6.7	97	0.00
48	T	Methyl methacrylate	50.000	54.081	-8.2	98	0.00

Sample Results: **VX048527.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
Data File : VX048527.D
Acq On : 10 Nov 2025 09:36
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Nov 11 00:41:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 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	1286.929	-28.7#	111	-0.01
50	S	Toluene-d8	50.000	46.595	6.8	86	0.00
51	T	4-Methyl-2-Pentanone	250.000	281.104	-12.4	97	0.00
52	CM	Toluene	50.000	55.659	-11.3#	99	0.00
53	T	t-1,3-Dichloropropene	50.000	53.896	-7.8	96	0.00
54	T	cis-1,3-Dichloropropene	50.000	55.719	-11.4	97	0.00
55	T	1,1,2-Trichloroethane	50.000	55.801	-11.6	96	0.00
56	T	Ethyl methacrylate	50.000	57.548	-15.1	96	0.00
57	T	1,3-Dichloropropane	50.000	54.315	-8.6	95	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	297.654	-19.1	93	0.00
59	T	2-Hexanone	250.000	278.816	-11.5	96	0.00
60	T	Dibromochloromethane	50.000	55.541	-11.1	97	0.00
61	T	1,2-Dibromoethane	50.000	55.498	-11.0	98	0.00
62	S	4-Bromofluorobenzene	50.000	46.052	7.9	86	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	92	0.00
64	T	Tetrachloroethene	50.000	50.047	-0.1	102	0.00
65	PM	Chlorobenzene	50.000	50.180	-0.4	99	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	52.375	-4.8	97	0.00
67	C	Ethyl Benzene	50.000	50.517	-1.0#	98	0.00
68	T	m/p-Xylenes	100.000	103.755	-3.8	99	0.00
69	T	o-Xylene	50.000	51.924	-3.8	99	0.00
70	T	Styrene	50.000	52.205	-4.4	97	0.00
71	P	Bromoform	50.000	50.800	-1.6	98	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	93	0.00
73	T	Isopropylbenzene	50.000	51.332	-2.7	100	0.00
74	T	N-amyl acetate	50.000	49.980	0.0	95	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	49.978	0.0	97	0.00
76	T	1,2,3-Trichloropropane	50.000	44.408	11.2	68	0.00
77	T	Bromobenzene	50.000	51.342	-2.7	99	0.00
78	T	n-propylbenzene	50.000	50.629	-1.3	100	0.00
79	T	2-Chlorotoluene	50.000	50.198	-0.4	99	0.00
80	T	1,3,5-Trimethylbenzene	50.000	51.349	-2.7	100	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	53.125	-6.3	96	0.00
82	T	4-Chlorotoluene	50.000	49.795	0.4	98	0.00
83	T	tert-Butylbenzene	50.000	51.103	-2.2	99	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.359	-2.7	99	0.00
85	T	sec-Butylbenzene	50.000	51.056	-2.1	103	0.00
86	T	p-Isopropyltoluene	50.000	51.602	-3.2	102	0.00
87	T	1,3-Dichlorobenzene	50.000	49.540	0.9	99	0.00
88	T	1,4-Dichlorobenzene	50.000	49.119	1.8	99	0.00
89	T	n-Butylbenzene	50.000	50.451	-0.9	103	0.00
90	T	Hexachloroethane	50.000	51.109	-2.2	105	0.00
91	T	1,2-Dichlorobenzene	50.000	50.694	-1.4	98	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	52.517	-5.0	98	0.00
93	T	1,2,4-Trichlorobenzene	50.000	52.507	-5.0	103	0.00
94	T	Hexachlorobutadiene	50.000	50.776	-1.6	109	0.00
95	T	Naphthalene	50.000	54.375	-8.8	99	0.00

Sample Results: **VX048527.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
Data File : VX048527.D
Acq On : 10 Nov 2025 09:36
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Nov 11 00:41:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	52.205	-4.4	100	0.00

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

QC SAMPLE DATA

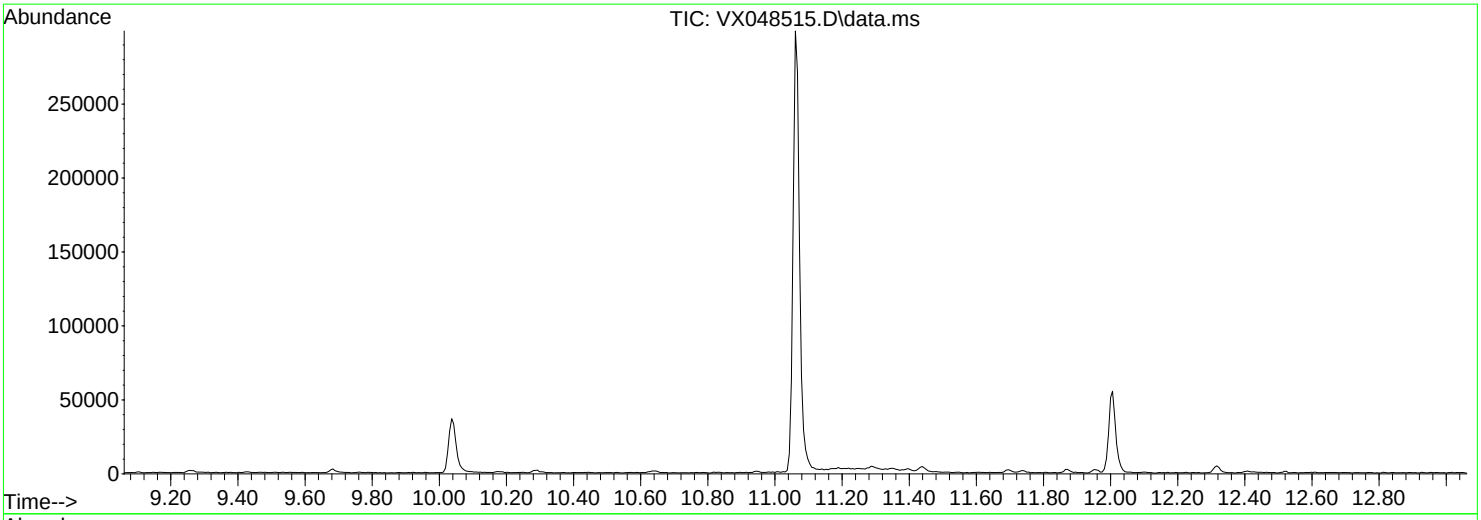
Sample Results: **VX048515.D**

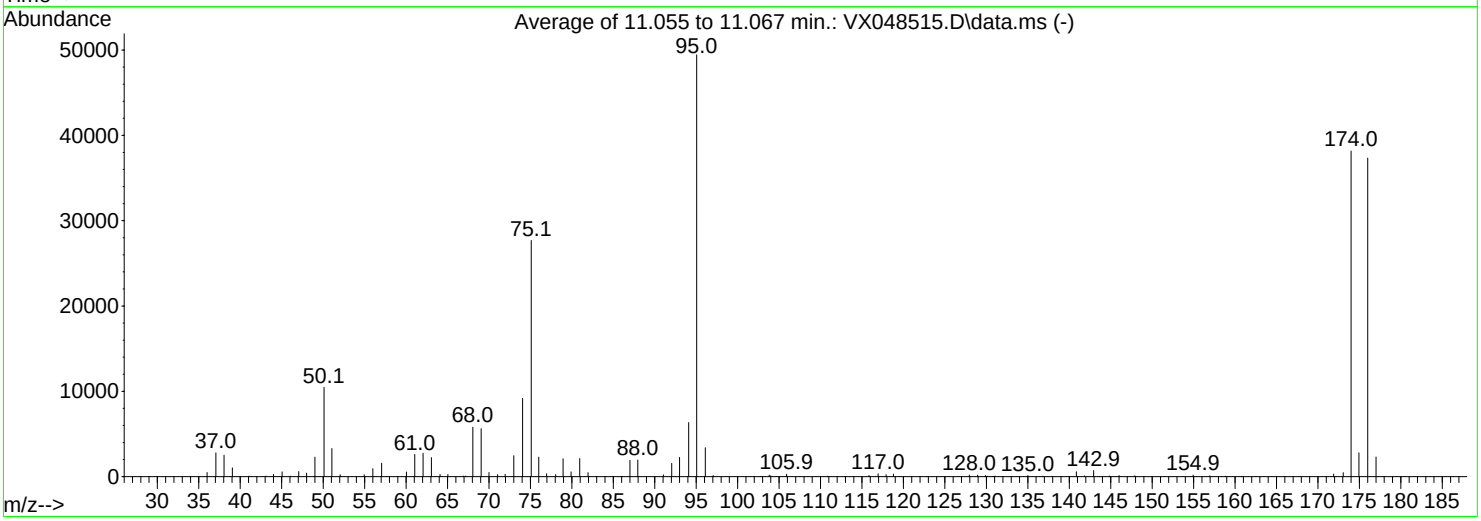
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110725\
Data File : VX048515.D
Acq On : 07 Nov 2025 13:06
Operator : JC/MD
Sample : BFB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Title : SW846 8260
Last Update : Sat Nov 08 05:08:11 2025





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

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	21.2	10458	PASS
75	95	30	60	56.0	27675	PASS
95	95	100	100	100.0	49437	PASS
96	95	5	9	6.8	3386	PASS
173	174	0.00	2	1.2	472	PASS
174	95	50	100	77.2	38160	PASS
175	174	5	9	7.3	2798	PASS
176	174	95	101	97.9	37347	PASS
177	176	5	9	6.2	2308	PASS

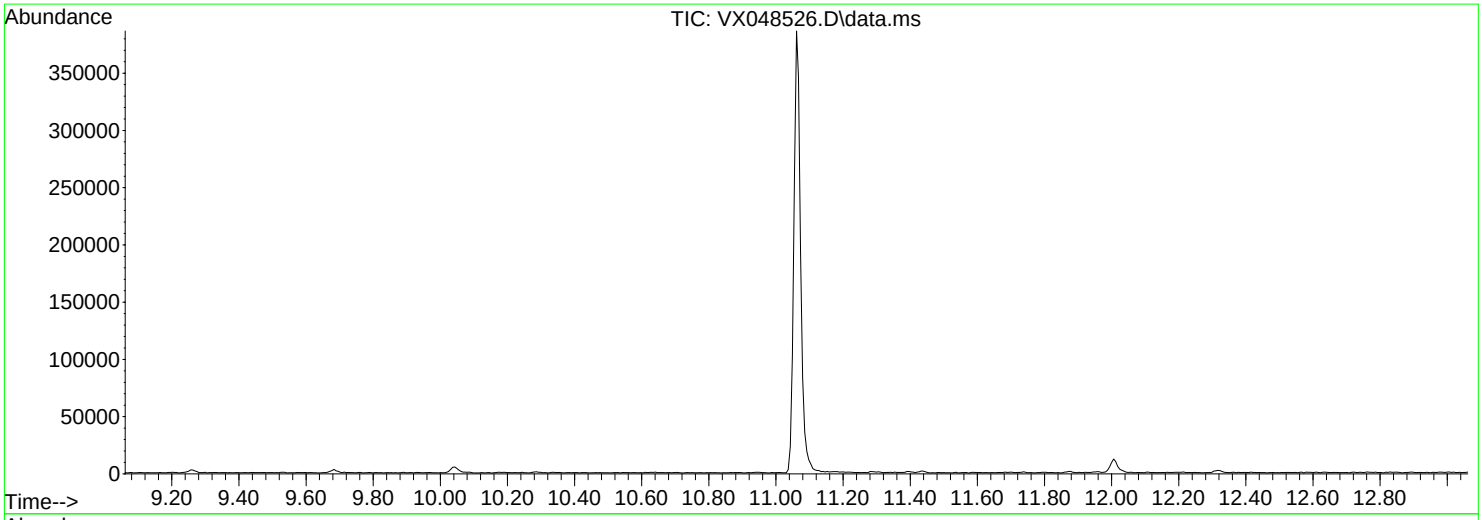
Sample Results: **VX048526.D**

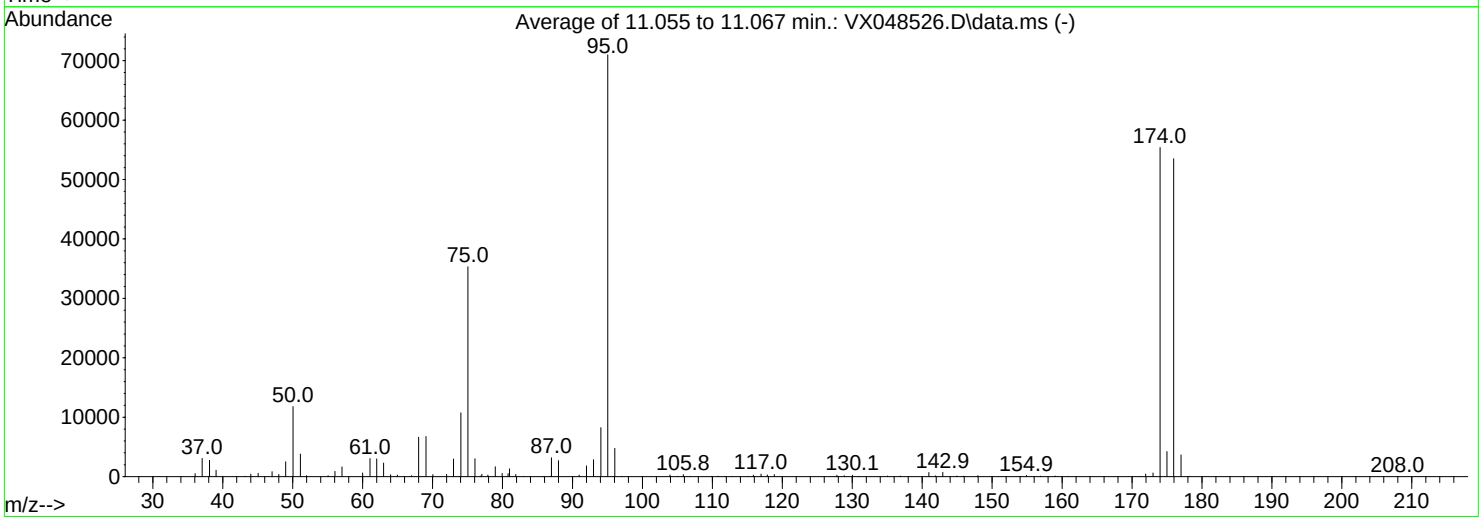
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
Data File : VX048526.D
Acq On : 10 Nov 2025 08:34
Operator : JC/MD
Sample : BFB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Title : SW846 8260
Last Update : Sat Nov 08 05:08:11 2025





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

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	16.6	11784	PASS
75	95	30	60	49.8	35317	PASS
95	95	100	100	100.0	70979	PASS
96	95	5	9	6.7	4756	PASS
173	174	0.00	2	1.1	614	PASS
174	95	50	100	78.0	55384	PASS
175	174	5	9	7.6	4233	PASS
176	174	95	101	96.6	53493	PASS
177	176	5	9	6.9	3673	PASS

Raw Data: **VX048528.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	
Project:	Weekly Storage Blanks	Date Received:	
Client Sample ID:	VX1110WBL01	SDG No.:	Q3573
Lab Sample ID:	VX1110WBL01	Matrix:	Water
Analytical Method:	8260D Level: LOW	% Solid:	0
Sample Wt/Vol:	5 mL Final Vol: 5000 uL	Test:	VOC- Chemtech Full

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	0.22	U	1	0.22	1.00	ug/L	11/10/25 10:04	VX111025
74-87-3	Chloromethane	0.32	U	1	0.32	1.00	ug/L	11/10/25 10:04	VX111025
75-01-4	Vinyl Chloride	0.26	U	1	0.26	1.00	ug/L	11/10/25 10:04	VX111025
141-78-6	Ethyl Acetate	0.31	U	1	0.31	1.00	ug/L	11/10/25 10:04	VX111025
74-83-9	Bromomethane	1.40	U	1	1.40	5.00	ug/L	11/10/25 10:04	VX111025
75-00-3	Chloroethane	0.47	U	1	0.47	1.00	ug/L	11/10/25 10:04	VX111025
75-69-4	Trichlorofluoromethane	0.33	U	1	0.33	1.00	ug/L	11/10/25 10:04	VX111025
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	1	0.25	1.00	ug/L	11/10/25 10:04	VX111025
75-65-0	Tert butyl alcohol	5.50	U	1	5.50	25.0	ug/L	11/10/25 10:04	VX111025
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/10/25 10:04	VX111025
107-02-8	Acrolein	7.10	U	1	7.10	25.0	ug/L	11/10/25 10:04	VX111025
107-13-1	Acrylonitrile	0.83	U	1	0.83	5.00	ug/L	11/10/25 10:04	VX111025
67-64-1	Acetone	1.50	U	1	1.50	5.00	ug/L	11/10/25 10:04	VX111025
75-15-0	Carbon Disulfide	0.21	U	1	0.21	1.00	ug/L	11/10/25 10:04	VX111025
1634-04-4	Methyl tert-butyl Ether	0.16	U	1	0.16	1.00	ug/L	11/10/25 10:04	VX111025
79-20-9	Methyl Acetate	0.27	U	1	0.27	1.00	ug/L	11/10/25 10:04	VX111025
75-09-2	Methylene Chloride	0.28	U	1	0.28	1.00	ug/L	11/10/25 10:04	VX111025
156-60-5	trans-1,2-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/10/25 10:04	VX111025
108-05-4	Vinyl Acetate	0.66	U	1	0.66	5.00	ug/L	11/10/25 10:04	VX111025
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	11/10/25 10:04	VX111025
110-82-7	Cyclohexane	1.50	U	1	1.50	5.00	ug/L	11/10/25 10:04	VX111025
78-93-3	2-Butanone	0.98	U	1	0.98	5.00	ug/L	11/10/25 10:04	VX111025
56-23-5	Carbon Tetrachloride	0.25	U	1	0.25	1.00	ug/L	11/10/25 10:04	VX111025
594-20-7	2,2-Dichloropropane	0.21	U	1	0.21	1.00	ug/L	11/10/25 10:04	VX111025
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	11/10/25 10:04	VX111025
74-97-5	Bromochloromethane	0.22	U	1	0.22	1.00	ug/L	11/10/25 10:04	VX111025
67-66-3	Chloroform	0.25	U	1	0.25	1.00	ug/L	11/10/25 10:04	VX111025
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	11/10/25 10:04	VX111025
108-87-2	Methylcyclohexane	0.16	U	1	0.16	1.00	ug/L	11/10/25 10:04	VX111025
563-58-6	1,1-Dichloropropene	0.15	U	1	0.15	1.00	ug/L	11/10/25 10:04	VX111025
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	11/10/25 10:04	VX111025
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	11/10/25 10:04	VX111025
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	11/10/25 10:04	VX111025
78-87-5	1,2-Dichloropropane	0.20	U	1	0.20	1.00	ug/L	11/10/25 10:04	VX111025
74-95-3	Dibromomethane	0.25	U	1	0.25	1.00	ug/L	11/10/25 10:04	VX111025
75-27-4	Bromodichloromethane	0.22	U	1	0.22	1.00	ug/L	11/10/25 10:04	VX111025
108-10-1	4-Methyl-2-Pentanone	0.68	U	1	0.68	5.00	ug/L	11/10/25 10:04	VX111025
108-88-3	Toluene	0.14	U	1	0.14	1.00	ug/L	11/10/25 10:04	VX111025
10061-02-6	t-1,3-Dichloropropene	0.17	U	1	0.17	1.00	ug/L	11/10/25 10:04	VX111025
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1	0.16	1.00	ug/L	11/10/25 10:04	VX111025
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	11/10/25 10:04	VX111025
142-28-9	1,3-Dichloropropane	0.19	U	1	0.19	1.00	ug/L	11/10/25 10:04	VX111025
110-75-8	2-Chloroethyl Vinyl ether	0.30	U	1	0.30	5.00	ug/L	11/10/25 10:04	VX111025

Raw Data: **VX048528.D**

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

Report of Analysis

Client:	Chemtech Consulting Group			Date Collected:	
Project:	Weekly Storage Blanks			Date Received:	
Client Sample ID:	VX1110WBL01			SDG No.:	Q3573
Lab Sample ID:	VX1110WBL01			Matrix:	Water
Analytical Method:	8260D	Level:	LOW	% Solid:	0
Sample Wt/Vol:	5 mL	Final Vol:	5000 uL	Test:	VOC- Chemtech Full

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
591-78-6	2-Hexanone	0.89	U	1	0.89	5.00	ug/L	11/10/25 10:04	VX111025
124-48-1	Dibromochloromethane	0.18	U	1	0.18	1.00	ug/L	11/10/25 10:04	VX111025
106-93-4	1,2-Dibromoethane	0.15	U	1	0.15	1.00	ug/L	11/10/25 10:04	VX111025
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	11/10/25 10:04	VX111025
108-90-7	Chlorobenzene	0.12	U	1	0.12	1.00	ug/L	11/10/25 10:04	VX111025
630-20-6	1,1,1,2-Tetrachloroethane	0.19	U	1	0.19	1.00	ug/L	11/10/25 10:04	VX111025
67-72-1	Hexachloroethane	0.32	U	1	0.32	1.00	ug/L	11/10/25 10:04	VX111025
100-41-4	Ethyl Benzene	0.13	U	1	0.13	1.00	ug/L	11/10/25 10:04	VX111025
179601-23-1	m/p-Xylenes	0.24	U	1	0.24	2.00	ug/L	11/10/25 10:04	VX111025
95-47-6	o-Xylene	0.12	U	1	0.12	1.00	ug/L	11/10/25 10:04	VX111025
100-42-5	Styrene	0.15	U	1	0.15	1.00	ug/L	11/10/25 10:04	VX111025
75-25-2	Bromoform	0.19	U	1	0.19	1.00	ug/L	11/10/25 10:04	VX111025
98-82-8	Isopropylbenzene	0.12	U	1	0.12	1.00	ug/L	11/10/25 10:04	VX111025
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	1	0.26	1.00	ug/L	11/10/25 10:04	VX111025
96-18-4	1,2,3-Trichloropropane	0.35	U	1	0.35	1.00	ug/L	11/10/25 10:04	VX111025
108-86-1	Bromobenzene	0.24	U	1	0.24	1.00	ug/L	11/10/25 10:04	VX111025
103-65-1	n-propylbenzene	0.13	U	1	0.13	1.00	ug/L	11/10/25 10:04	VX111025
95-49-8	2-Chlorotoluene	0.14	U	1	0.14	1.00	ug/L	11/10/25 10:04	VX111025
108-67-8	1,3,5-Trimethylbenzene	0.15	U	1	0.15	1.00	ug/L	11/10/25 10:04	VX111025
106-43-4	4-Chlorotoluene	0.13	U	1	0.13	1.00	ug/L	11/10/25 10:04	VX111025
98-06-6	tert-Butylbenzene	0.14	U	1	0.14	1.00	ug/L	11/10/25 10:04	VX111025
95-63-6	1,2,4-Trimethylbenzene	0.14	U	1	0.14	1.00	ug/L	11/10/25 10:04	VX111025
135-98-8	sec-Butylbenzene	0.13	U	1	0.13	1.00	ug/L	11/10/25 10:04	VX111025
99-87-6	p-Isopropyltoluene	0.13	U	1	0.13	1.00	ug/L	11/10/25 10:04	VX111025
541-73-1	1,3-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	11/10/25 10:04	VX111025
106-46-7	1,4-Dichlorobenzene	0.19	U	1	0.19	1.00	ug/L	11/10/25 10:04	VX111025
104-51-8	n-Butylbenzene	0.15	U	1	0.15	1.00	ug/L	11/10/25 10:04	VX111025
95-50-1	1,2-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	11/10/25 10:04	VX111025
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	1	0.53	1.00	ug/L	11/10/25 10:04	VX111025
120-82-1	1,2,4-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	11/10/25 10:04	VX111025
87-68-3	Hexachlorobutadiene	0.30	U	1	0.30	1.00	ug/L	11/10/25 10:04	VX111025
91-20-3	Naphthalene	0.20	U	1	0.20	1.00	ug/L	11/10/25 10:04	VX111025
87-61-6	1,2,3-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	11/10/25 10:04	VX111025

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	50.2		74 - 125	100%	SPK: 50
1868-53-7	Dibromofluoromethane	44.1		75 - 124	88%	SPK: 50
2037-26-5	Toluene-d8	52.5		86 - 113	105%	SPK: 50
460-00-4	4-Bromofluorobenzene	58.2		77 - 121	116%	SPK: 50

INTERNAL STANDARDS		Area Count
363-72-4	Pentafluorobenzene	158000
540-36-3	1,4-Difluorobenzene	305000
3114-55-4	Chlorobenzene-d5	313000
3855-82-1	1,4-Dichlorobenzene-d4	161000

Raw Data: **VX048528.D**

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

Report of Analysis

Client:	Chemtech Consulting Group			Date Collected:	
Project:	Weekly Storage Blanks			Date Received:	
Client Sample ID:	VX1110WBL01			SDG No.:	Q3573
Lab Sample ID:	VX1110WBL01			Matrix:	Water
Analytical Method:	8260D	Level:	LOW	% Solid:	0
Sample Wt/Vol:	5 mL	Final Vol:	5000 uL	Test:	VOC- Chemtech Full

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID

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\VX111025\
Data File : VX048528.D
Acq On : 10 Nov 2025 10:04
Operator : JC/MD
Sample : VX1110WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1110WBL01

Quant Time: Nov 11 00:42:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration

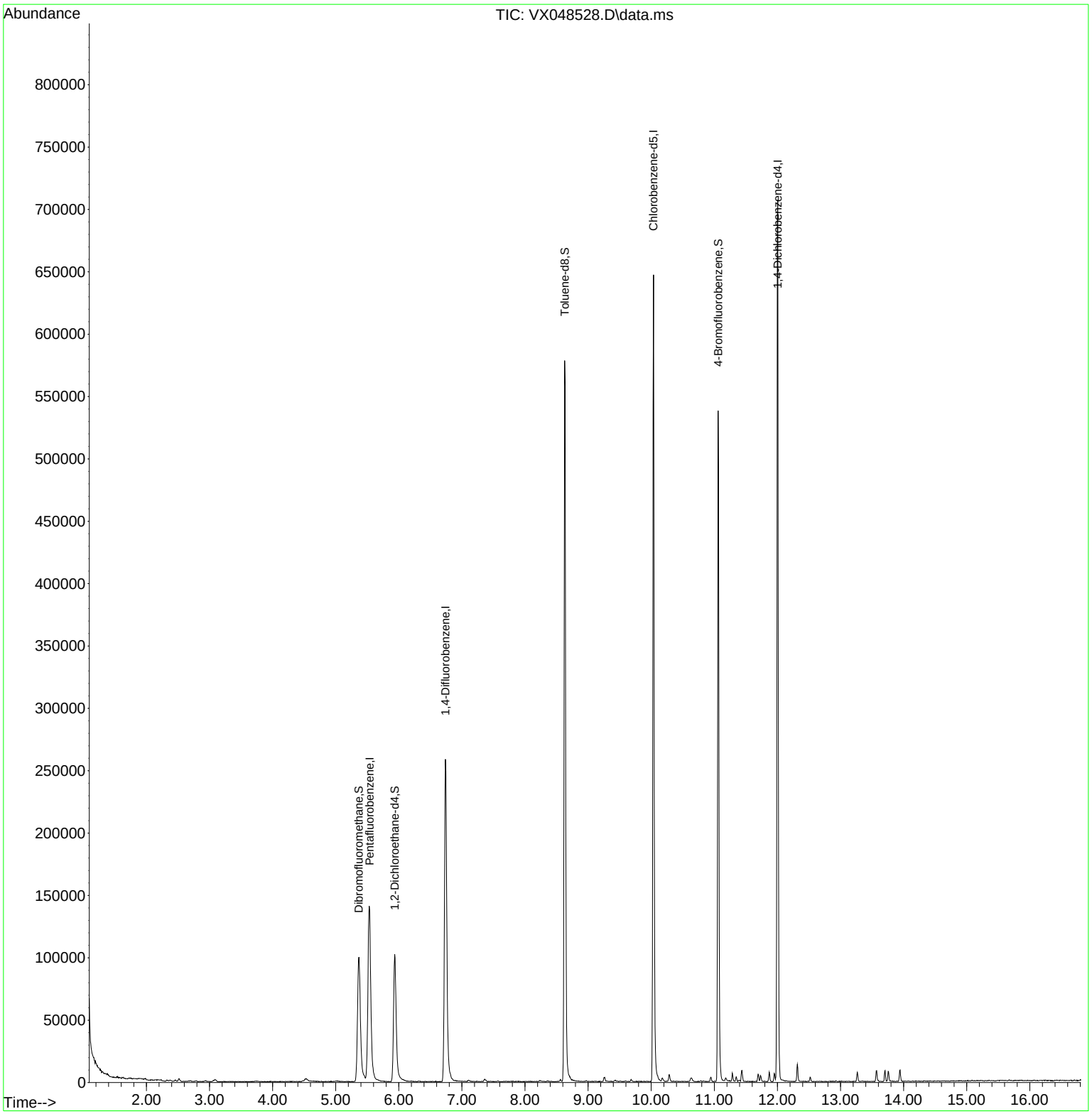
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.538	168	157554	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.739	114	305452	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	313169	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	160725	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	110098	50.150	ug/l	-0.01
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.300%			
35) Dibromofluoromethane	5.367	113	102040	44.138	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 88.280%			
50) Toluene-d8	8.628	98	378237	52.458	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.920%			
62) 4-Bromofluorobenzene	11.061	95	156298	58.167	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 116.340%			
Target Compounds						Qvalue

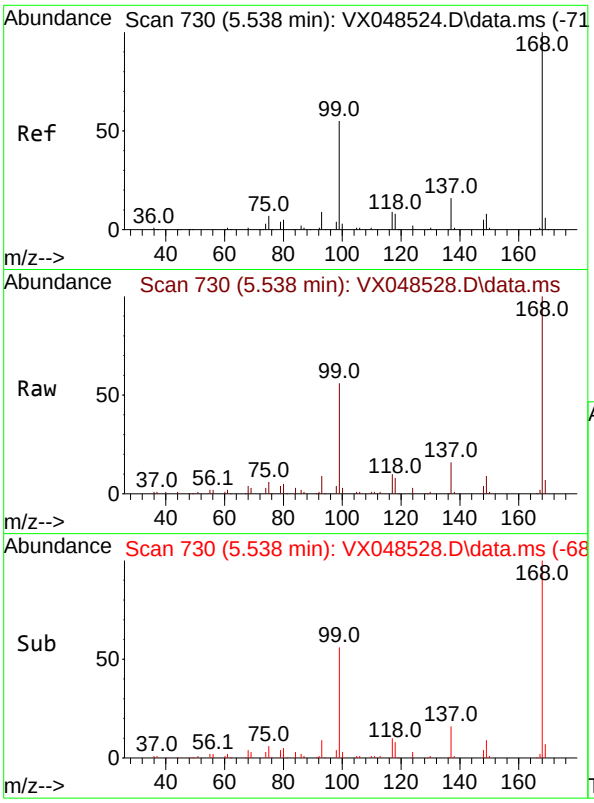
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
Data File : VX048528.D
Acq On : 10 Nov 2025 10:04
Operator : JC/MD
Sample : VX1110WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1110WBL01

Quant Time: Nov 11 00:42:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration



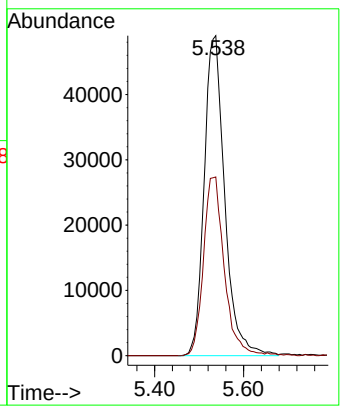


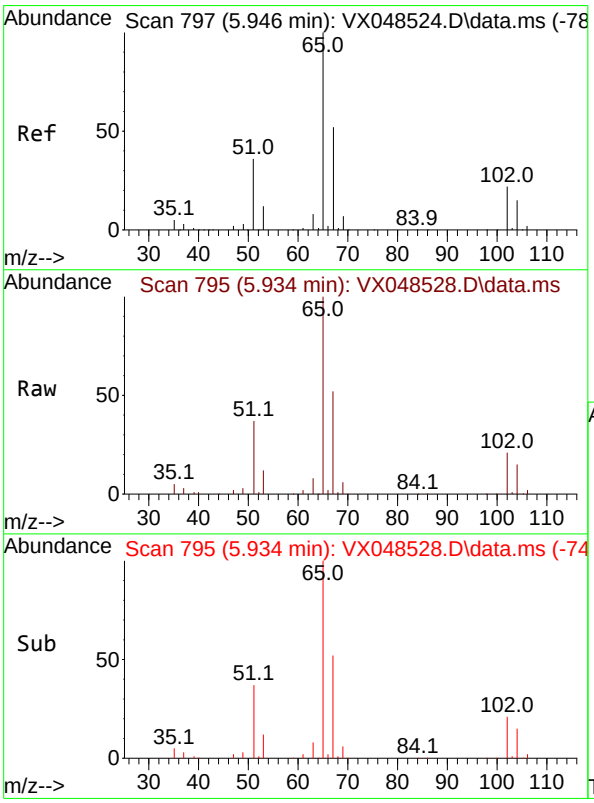
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048528.D
Acq: 10 Nov 2025 10:04

Instrument :
MSVOA_X
ClientSampleId :
VX1110WBL01

Tgt Ion:168 Resp: 157554

Ion	Ratio	Lower	Upper
168	100		
99	55.9	45.2	67.8

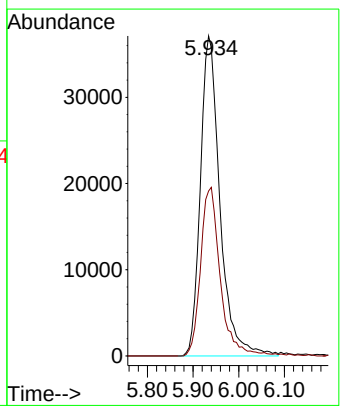


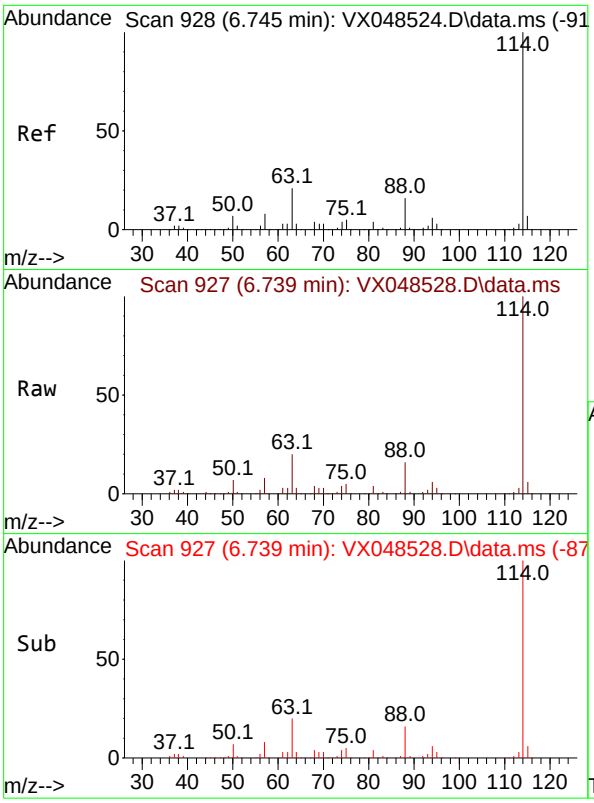


#33
1,2-Dichloroethane-d4
Concen: 50.150 ug/l
RT: 5.934 min Scan# 795
Delta R.T. -0.012 min
Lab File: VX048528.D
Acq: 10 Nov 2025 10:04

Tgt Ion: 65 Resp: 110098

Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	106.2



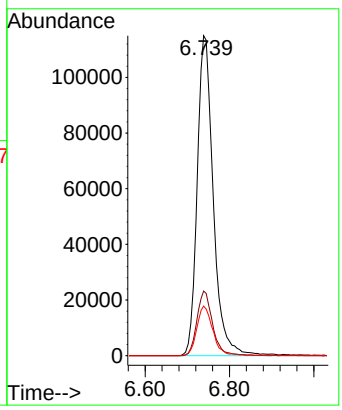


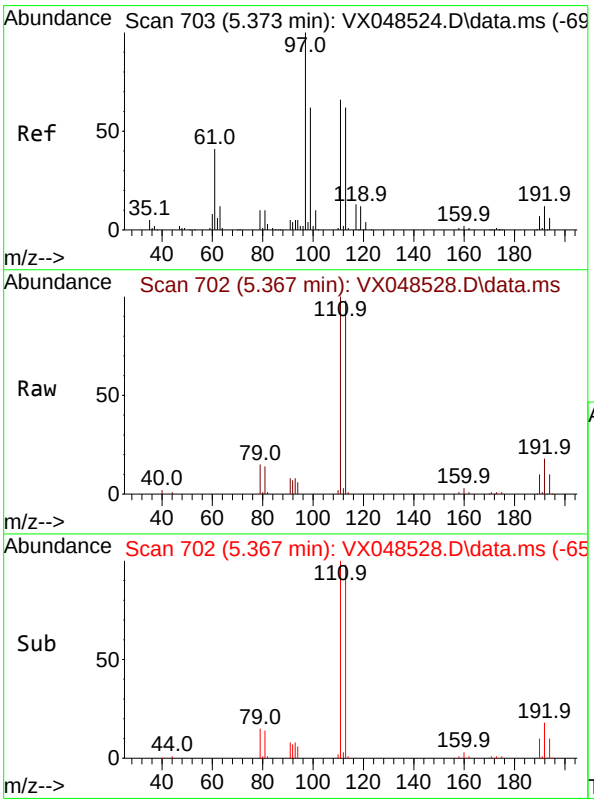
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.739 min Scan# 9
Delta R.T. -0.006 min
Lab File: VX048528.D
Acq: 10 Nov 2025 10:04

Instrument :
MSVOA_X
ClientSampleId :
VX1110WBL01

Tgt Ion:114 Resp: 305452

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	41.2
88	15.5	0.0	32.2

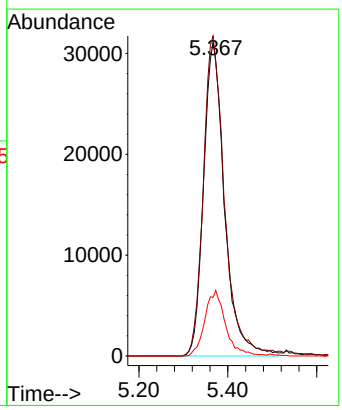


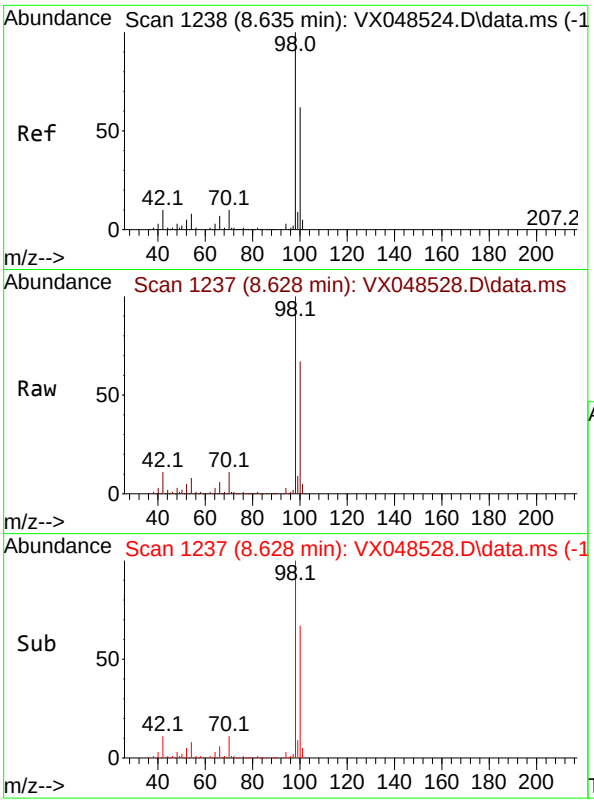


#35
Dibromofluoromethane
Concen: 44.138 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048528.D
Acq: 10 Nov 2025 10:04

Tgt Ion:113 Resp: 102040

Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.9	122.9
192	20.6	15.8	23.6



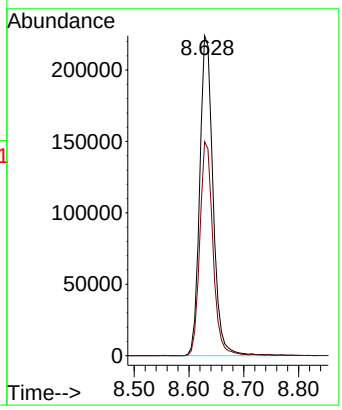


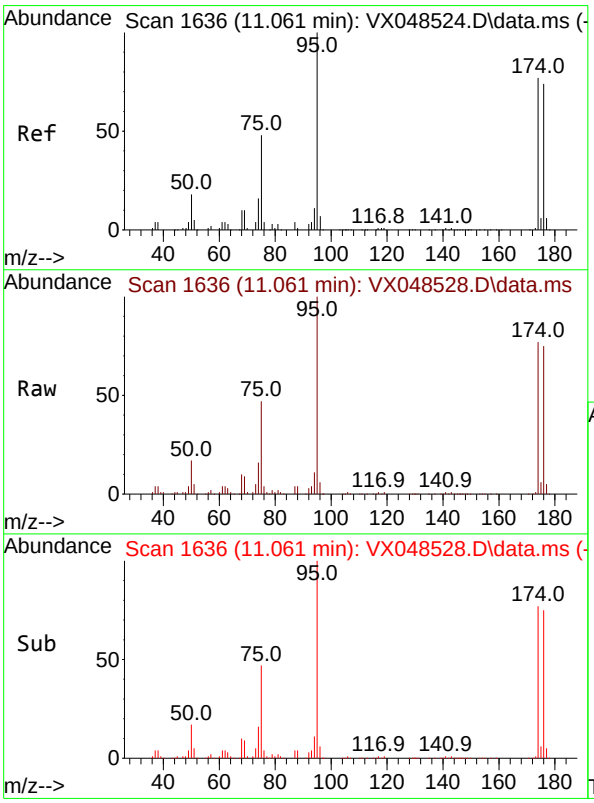
#50
Toluene-d8
Concen: 52.458 ug/l
RT: 8.628 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048528.D
Acq: 10 Nov 2025 10:04

Instrument :
MSVOA_X
ClientSampleId :
VX1110WBL01

Tgt Ion: 98 Resp: 378237

Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.6	80.4

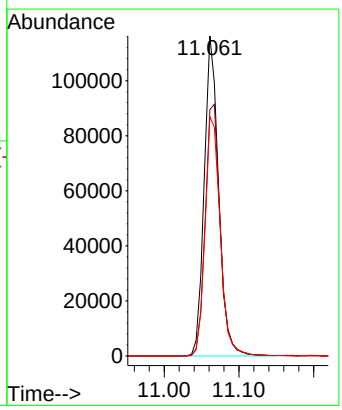


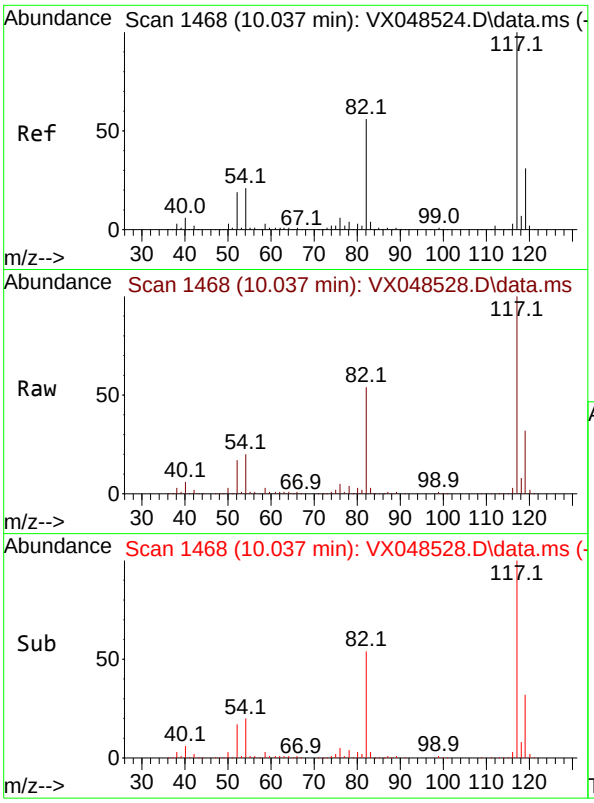


#62
4-Bromofluorobenzene
Concen: 58.167 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048528.D
Acq: 10 Nov 2025 10:04

Tgt Ion: 95 Resp: 156298

Ion	Ratio	Lower	Upper
95	100		
174	81.6	0.0	161.8
176	78.4	0.0	153.6



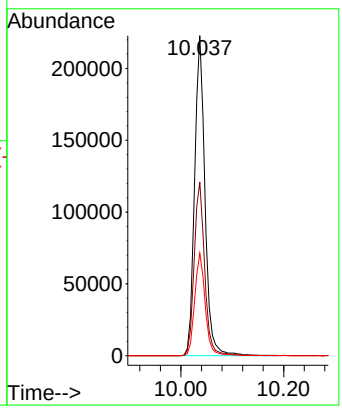


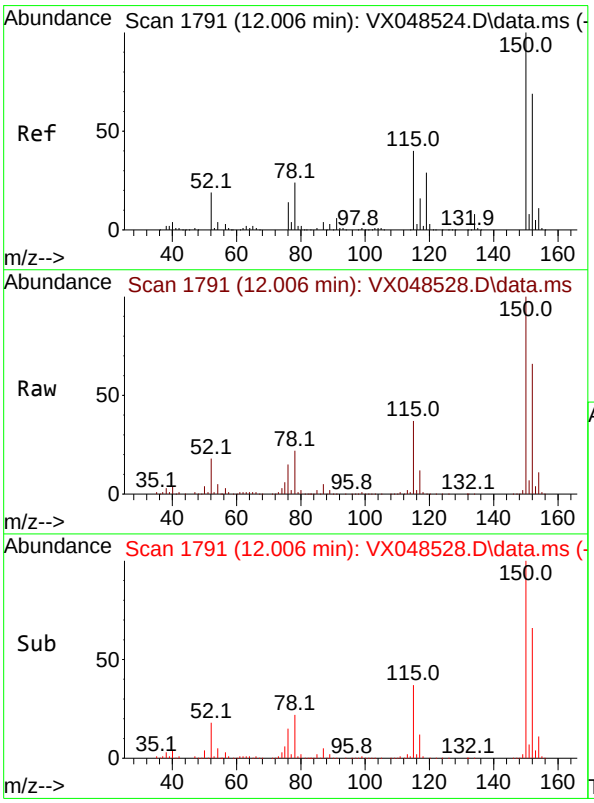
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048528.D
Acq: 10 Nov 2025 10:04

Instrument :
MSVOA_X
ClientSampleId :
VX1110WBL01

Tgt Ion:117 Resp: 313169

Ion	Ratio	Lower	Upper
117	100		
82	54.3	44.4	66.6
119	32.0	25.1	37.7

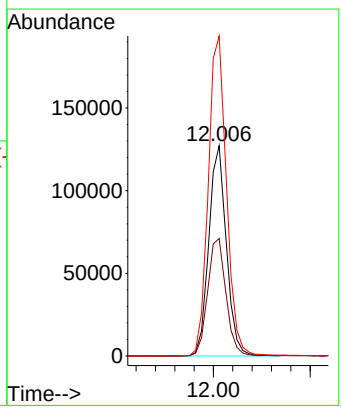




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048528.D
Acq: 10 Nov 2025 10:04

Tgt Ion:152 Resp: 160725

Ion	Ratio	Lower	Upper
152	100		
115	58.4	39.2	117.6
150	157.5	0.0	347.0



Raw Data: **VX048530.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	
Project:	Weekly Storage Blanks	Date Received:	
Client Sample ID:	VX1110WBS01	SDG No.:	Q3573
Lab Sample ID:	VX1110WBS01	Matrix:	Water
Analytical Method:	8260D	Level: LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC- Chemtech Full

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	17.9		1	0.22	1.00	ug/L	11/10/25 11:49	VX111025
74-87-3	Chloromethane	18.6		1	0.32	1.00	ug/L	11/10/25 11:49	VX111025
75-01-4	Vinyl Chloride	19.4		1	0.26	1.00	ug/L	11/10/25 11:49	VX111025
141-78-6	Ethyl Acetate	18.7		1	0.31	1.00	ug/L	11/10/25 11:49	VX111025
74-83-9	Bromomethane	25.7		1	1.40	5.00	ug/L	11/10/25 11:49	VX111025
75-00-3	Chloroethane	22.0		1	0.47	1.00	ug/L	11/10/25 11:49	VX111025
75-69-4	Trichlorofluoromethane	21.6		1	0.33	1.00	ug/L	11/10/25 11:49	VX111025
76-13-1	1,1,2-Trichlorotrifluoroethane	19.7		1	0.25	1.00	ug/L	11/10/25 11:49	VX111025
75-65-0	Tert butyl alcohol	100		1	5.50	25.0	ug/L	11/10/25 11:49	VX111025
75-35-4	1,1-Dichloroethene	19.9		1	0.23	1.00	ug/L	11/10/25 11:49	VX111025
107-02-8	Acrolein	110		1	7.10	25.0	ug/L	11/10/25 11:49	VX111025
107-13-1	Acrylonitrile	100		1	0.83	5.00	ug/L	11/10/25 11:49	VX111025
67-64-1	Acetone	120		1	1.50	5.00	ug/L	11/10/25 11:49	VX111025
75-15-0	Carbon Disulfide	17.7		1	0.21	1.00	ug/L	11/10/25 11:49	VX111025
1634-04-4	Methyl tert-butyl Ether	20.7		1	0.16	1.00	ug/L	11/10/25 11:49	VX111025
79-20-9	Methyl Acetate	19.8		1	0.27	1.00	ug/L	11/10/25 11:49	VX111025
75-09-2	Methylene Chloride	18.7		1	0.28	1.00	ug/L	11/10/25 11:49	VX111025
156-60-5	trans-1,2-Dichloroethene	19.3		1	0.23	1.00	ug/L	11/10/25 11:49	VX111025
108-05-4	Vinyl Acetate	110		1	0.66	5.00	ug/L	11/10/25 11:49	VX111025
75-34-3	1,1-Dichloroethane	19.7		1	0.23	1.00	ug/L	11/10/25 11:49	VX111025
110-82-7	Cyclohexane	18.7		1	1.50	5.00	ug/L	11/10/25 11:49	VX111025
78-93-3	2-Butanone	110		1	0.98	5.00	ug/L	11/10/25 11:49	VX111025
56-23-5	Carbon Tetrachloride	17.8		1	0.25	1.00	ug/L	11/10/25 11:49	VX111025
594-20-7	2,2-Dichloropropane	19.2		1	0.21	1.00	ug/L	11/10/25 11:49	VX111025
156-59-2	cis-1,2-Dichloroethene	18.8		1	0.19	1.00	ug/L	11/10/25 11:49	VX111025
74-97-5	Bromochloromethane	19.8		1	0.22	1.00	ug/L	11/10/25 11:49	VX111025
67-66-3	Chloroform	20.2		1	0.25	1.00	ug/L	11/10/25 11:49	VX111025
71-55-6	1,1,1-Trichloroethane	19.6		1	0.20	1.00	ug/L	11/10/25 11:49	VX111025
108-87-2	Methylcyclohexane	17.0		1	0.16	1.00	ug/L	11/10/25 11:49	VX111025
563-58-6	1,1-Dichloropropene	17.2		1	0.15	1.00	ug/L	11/10/25 11:49	VX111025
71-43-2	Benzene	17.8		1	0.15	1.00	ug/L	11/10/25 11:49	VX111025
107-06-2	1,2-Dichloroethane	20.6		1	0.22	1.00	ug/L	11/10/25 11:49	VX111025
79-01-6	Trichloroethene	18.6		1	0.090	1.00	ug/L	11/10/25 11:49	VX111025
78-87-5	1,2-Dichloropropane	19.9		1	0.20	1.00	ug/L	11/10/25 11:49	VX111025
74-95-3	Dibromomethane	20.6		1	0.25	1.00	ug/L	11/10/25 11:49	VX111025
75-27-4	Bromodichloromethane	21.0		1	0.22	1.00	ug/L	11/10/25 11:49	VX111025
108-10-1	4-Methyl-2-Pentanone	110		1	0.68	5.00	ug/L	11/10/25 11:49	VX111025
108-88-3	Toluene	20.7		1	0.14	1.00	ug/L	11/10/25 11:49	VX111025
10061-02-6	t-1,3-Dichloropropene	20.9		1	0.17	1.00	ug/L	11/10/25 11:49	VX111025
10061-01-5	cis-1,3-Dichloropropene	21.0		1	0.16	1.00	ug/L	11/10/25 11:49	VX111025
79-00-5	1,1,2-Trichloroethane	22.1		1	0.21	1.00	ug/L	11/10/25 11:49	VX111025
142-28-9	1,3-Dichloropropane	21.3		1	0.19	1.00	ug/L	11/10/25 11:49	VX111025
110-75-8	2-Chloroethyl Vinyl ether	110		1	0.30	5.00	ug/L	11/10/25 11:49	VX111025

Raw Data: **VX048530.D**

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

Report of Analysis

Client:	Chemtech Consulting Group			Date Collected:	
Project:	Weekly Storage Blanks			Date Received:	
Client Sample ID:	VX1110WBS01			SDG No.:	Q3573
Lab Sample ID:	VX1110WBS01			Matrix:	Water
Analytical Method:	8260D	Level:	LOW	% Solid:	0
Sample Wt/Vol:	5 mL	Final Vol:	5000 uL	Test:	VOC- Chemtech Full

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
591-78-6	2-Hexanone	110		1	0.89	5.00	ug/L	11/10/25 11:49	VX111025
124-48-1	Dibromochloromethane	21.3		1	0.18	1.00	ug/L	11/10/25 11:49	VX111025
106-93-4	1,2-Dibromoethane	21.6		1	0.15	1.00	ug/L	11/10/25 11:49	VX111025
127-18-4	Tetrachloroethene	17.4		1	0.23	1.00	ug/L	11/10/25 11:49	VX111025
108-90-7	Chlorobenzene	18.1		1	0.12	1.00	ug/L	11/10/25 11:49	VX111025
630-20-6	1,1,1,2-Tetrachloroethane	19.3		1	0.19	1.00	ug/L	11/10/25 11:49	VX111025
67-72-1	Hexachloroethane	17.8		1	0.32	1.00	ug/L	11/10/25 11:49	VX111025
100-41-4	Ethyl Benzene	18.0		1	0.13	1.00	ug/L	11/10/25 11:49	VX111025
179601-23-1	m/p-Xylenes	37.0		1	0.24	2.00	ug/L	11/10/25 11:49	VX111025
95-47-6	o-Xylene	17.9		1	0.12	1.00	ug/L	11/10/25 11:49	VX111025
100-42-5	Styrene	18.6		1	0.15	1.00	ug/L	11/10/25 11:49	VX111025
75-25-2	Bromoform	18.3		1	0.19	1.00	ug/L	11/10/25 11:49	VX111025
98-82-8	Isopropylbenzene	18.1		1	0.12	1.00	ug/L	11/10/25 11:49	VX111025
79-34-5	1,1,2,2-Tetrachloroethane	18.7		1	0.26	1.00	ug/L	11/10/25 11:49	VX111025
96-18-4	1,2,3-Trichloropropane	18.2		1	0.35	1.00	ug/L	11/10/25 11:49	VX111025
108-86-1	Bromobenzene	18.0		1	0.24	1.00	ug/L	11/10/25 11:49	VX111025
103-65-1	n-propylbenzene	17.9		1	0.13	1.00	ug/L	11/10/25 11:49	VX111025
95-49-8	2-Chlorotoluene	18.3		1	0.14	1.00	ug/L	11/10/25 11:49	VX111025
108-67-8	1,3,5-Trimethylbenzene	18.1		1	0.15	1.00	ug/L	11/10/25 11:49	VX111025
106-43-4	4-Chlorotoluene	18.1		1	0.13	1.00	ug/L	11/10/25 11:49	VX111025
98-06-6	tert-Butylbenzene	17.8		1	0.14	1.00	ug/L	11/10/25 11:49	VX111025
95-63-6	1,2,4-Trimethylbenzene	18.2		1	0.14	1.00	ug/L	11/10/25 11:49	VX111025
135-98-8	sec-Butylbenzene	17.4		1	0.13	1.00	ug/L	11/10/25 11:49	VX111025
99-87-6	p-Isopropyltoluene	17.6		1	0.13	1.00	ug/L	11/10/25 11:49	VX111025
541-73-1	1,3-Dichlorobenzene	18.0		1	0.16	1.00	ug/L	11/10/25 11:49	VX111025
106-46-7	1,4-Dichlorobenzene	18.1		1	0.19	1.00	ug/L	11/10/25 11:49	VX111025
104-51-8	n-Butylbenzene	17.4		1	0.15	1.00	ug/L	11/10/25 11:49	VX111025
95-50-1	1,2-Dichlorobenzene	18.1		1	0.16	1.00	ug/L	11/10/25 11:49	VX111025
96-12-8	1,2-Dibromo-3-Chloropropane	20.1		1	0.53	1.00	ug/L	11/10/25 11:49	VX111025
120-82-1	1,2,4-Trichlorobenzene	21.5		1	0.20	1.00	ug/L	11/10/25 11:49	VX111025
87-68-3	Hexachlorobutadiene	18.4		1	0.30	1.00	ug/L	11/10/25 11:49	VX111025
91-20-3	Naphthalene	21.3		1	0.20	1.00	ug/L	11/10/25 11:49	VX111025
87-61-6	1,2,3-Trichlorobenzene	17.6		1	0.20	1.00	ug/L	11/10/25 11:49	VX111025
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	57.5			74 - 125	115%	SPK: 50		
1868-53-7	Dibromofluoromethane	46.8			75 - 124	94%	SPK: 50		
2037-26-5	Toluene-d8	52.5			86 - 113	105%	SPK: 50		
460-00-4	4-Bromofluorobenzene	51.3			77 - 121	103%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	141000							
540-36-3	1,4-Difluorobenzene	243000							
3114-55-4	Chlorobenzene-d5	220000							
3855-82-1	1,4-Dichlorobenzene-d4	113000							

Raw Data: **VX048530.D**

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

Report of Analysis

Client:	Chemtech Consulting Group			Date Collected:	
Project:	Weekly Storage Blanks			Date Received:	
Client Sample ID:	VX1110WBS01			SDG No.:	Q3573
Lab Sample ID:	VX1110WBS01			Matrix:	Water
Analytical Method:	8260D	Level:	LOW	% Solid:	0
Sample Wt/Vol:	5 mL	Final Vol:	5000 uL	Test:	VOC- Chemtech Full

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID

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\VX111025\
Data File : VX048530.D
Acq On : 10 Nov 2025 11:49
Operator : JC/MD
Sample : VX1110WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 11 00:43:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1110WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.537	168	140876	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	243139	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	219757	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	112690	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	112923	57.526	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 115.060%			
35) Dibromofluoromethane	5.367	113	86210	46.847	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.700%			
50) Toluene-d8	8.634	98	301462	52.525	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.060%			
62) 4-Bromofluorobenzene	11.061	95	109737	51.306	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.620%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	20465	17.928	ug/l	95
3) Chloromethane	1.300	50	28108	18.565	ug/l	98
4) Vinyl Chloride	1.380	62	33281	19.414	ug/l	100
5) Bromomethane	1.617	94	27830	25.710	ug/l	93
6) Chloroethane	1.697	64	24708	22.009	ug/l	98
7) Trichlorofluoromethane	1.898	101	58692	21.642	ug/l	100
8) Diethyl Ether	2.136	74	24313	22.334	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.337	101	30974	19.728	ug/l	97
10) Methyl Iodide	2.453	142	48983	21.081	ug/l	98
11) Tert butyl alcohol	2.940	59	37344	100.397	ug/l	98
12) 1,1-Dichloroethene	2.325	96	32639	19.903	ug/l	98
13) Acrolein	2.233	56	5691	105.745	ug/l	94
14) Allyl chloride	2.666	41	59200	19.389	ug/l	92
15) Acrylonitrile	3.056	53	109426	100.774	ug/l	98
16) Acetone	2.373	43	108636	116.915	ug/l	95
17) Carbon Disulfide	2.520	76	81890	17.745	ug/l	99
18) Methyl Acetate	2.703	43	50530	19.788	ug/l	98
19) Methyl tert-butyl Ether	3.105	73	119617	20.655	ug/l	98
20) Methylene Chloride	2.788	84	35802	18.741	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	33527	19.289	ug/l	96
22) Diisopropyl ether	3.751	45	121948	20.800	ug/l	96
23) Vinyl Acetate	3.715	43	540649	105.290	ug/l	98
24) 1,1-Dichloroethane	3.611	63	63280	19.670	ug/l	98
25) 2-Butanone	4.538	43	149594	108.829	ug/l	96
26) 2,2-Dichloropropane	4.464	77	52756	19.236	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	40032	18.842	ug/l	94
28) Bromochloromethane	4.885	49	31225	19.758	ug/l	94
29) Tetrahydrofuran	4.989	42	100790	102.807	ug/l	98
30) Chloroform	5.080	83	67008	20.176	ug/l	99
31) Cyclohexane	5.458	56	49378	18.733	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	56902	19.632	ug/l	97
36) 1,1-Dichloropropene	5.684	75	42403	17.208	ug/l	97
37) Ethyl Acetate	4.702	43	64757	18.669	ug/l	98
38) Carbon Tetrachloride	5.672	117	49963	17.812	ug/l	96
39) Methylcyclohexane	7.366	83	46942	16.966	ug/l	96
40) Benzene	6.025	78	136004	17.805	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
Data File : VX048530.D
Acq On : 10 Nov 2025 11:49
Operator : JC/MD
Sample : VX1110WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 11 00:43:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1110WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	4.903	41	30559	20.033 ug/l	97
42) 1,2-Dichloroethane	6.074	62	54010	20.637 ug/l	98
43) Isopropyl Acetate	6.324	43	95792	19.646 ug/l	95
44) Trichloroethene	7.116	130	33906	18.571 ug/l	90
45) 1,2-Dichloropropane	7.415	63	35014	19.936 ug/l	98
46) Dibromomethane	7.568	93	26435	20.637 ug/l	95
47) Bromodichloromethane	7.805	83	53791	21.049 ug/l	100
48) Methyl methacrylate	7.677	41	45697	21.083 ug/l	91
49) 1,4-Dioxane	7.641	88	13171	398.794 ug/l #	95
51) 4-Methyl-2-Pentanone	8.555	43	317570	114.420 ug/l	95
52) Toluene	8.708	92	83086	20.661 ug/l	96
53) t-1,3-Dichloropropene	8.964	75	54951	20.869 ug/l	97
54) cis-1,3-Dichloropropene	8.354	75	57267	21.003 ug/l	96
55) 1,1,2-Trichloroethane	9.134	97	35527	22.112 ug/l	99
56) Ethyl methacrylate	9.098	69	57047	21.341 ug/l #	90
57) 1,3-Dichloropropane	9.293	76	59519	21.283 ug/l	100
58) 2-Chloroethyl Vinyl ether	8.226	63	153306	106.674 ug/l	98
59) 2-Hexanone	9.415	43	236842	114.718 ug/l	94
60) Dibromochloromethane	9.506	129	42051	21.317 ug/l	97
61) 1,2-Dibromoethane	9.592	107	37617	21.616 ug/l	99
64) Tetrachloroethene	9.256	164	27696	17.352 ug/l	97
65) Chlorobenzene	10.061	112	94188	18.058 ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.146	131	33736	19.303 ug/l	100
67) Ethyl Benzene	10.177	91	157222	17.950 ug/l	100
68) m/p-Xylenes	10.287	106	122112	37.017 ug/l	96
69) o-Xylene	10.622	106	57684	17.873 ug/l	98
70) Styrene	10.640	104	100637	18.588 ug/l	98
71) Bromoform	10.780	173	29557	18.331 ug/l #	97
73) Isopropylbenzene	10.945	105	147698	18.057 ug/l	99
74) N-amyl acetate	10.829	43	79273	19.301 ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.195	83	54036	18.733 ug/l	99
76) 1,2,3-Trichloropropane	11.219	75	49521m	18.241 ug/l	
77) Bromobenzene	11.183	156	37944	17.964 ug/l	94
78) n-propylbenzene	11.286	91	171824	17.865 ug/l	99
79) 2-Chlorotoluene	11.347	91	106362	18.301 ug/l	98
80) 1,3,5-Trimethylbenzene	11.433	105	120383	18.053 ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	16605	17.495 ug/l #	87
82) 4-Chlorotoluene	11.439	91	123465	18.110 ug/l	97
83) tert-Butylbenzene	11.695	119	122800	17.805 ug/l	96
84) 1,2,4-Trimethylbenzene	11.731	105	122630	18.227 ug/l	99
85) sec-Butylbenzene	11.872	105	148702	17.444 ug/l	100
86) p-Isopropyltoluene	11.994	119	126116	17.598 ug/l	98
87) 1,3-Dichlorobenzene	11.951	146	71129	17.967 ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	74145	18.133 ug/l	97
89) n-Butylbenzene	12.317	91	117045	17.410 ug/l	98
90) Hexachloroethane	12.518	117	24315	17.808 ug/l	98
91) 1,2-Dichlorobenzene	12.317	146	68691	18.075 ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	13477	20.104 ug/l	91
93) 1,2,4-Trichlorobenzene	13.567	180	54218	21.469 ug/l	98
94) Hexachlorobutadiene	13.707	225	19374	18.352 ug/l	96
95) Naphthalene	13.755	128	173039	21.312 ug/l	100
96) 1,2,3-Trichlorobenzene	13.944	180	41268	17.568 ug/l	99

Sample Results: **VX048530.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
Data File : VX048530.D
Acq On : 10 Nov 2025 11:49
Operator : JC/MD
Sample : VX1110WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1110WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025

Quant Time: Nov 11 00:43:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration

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

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

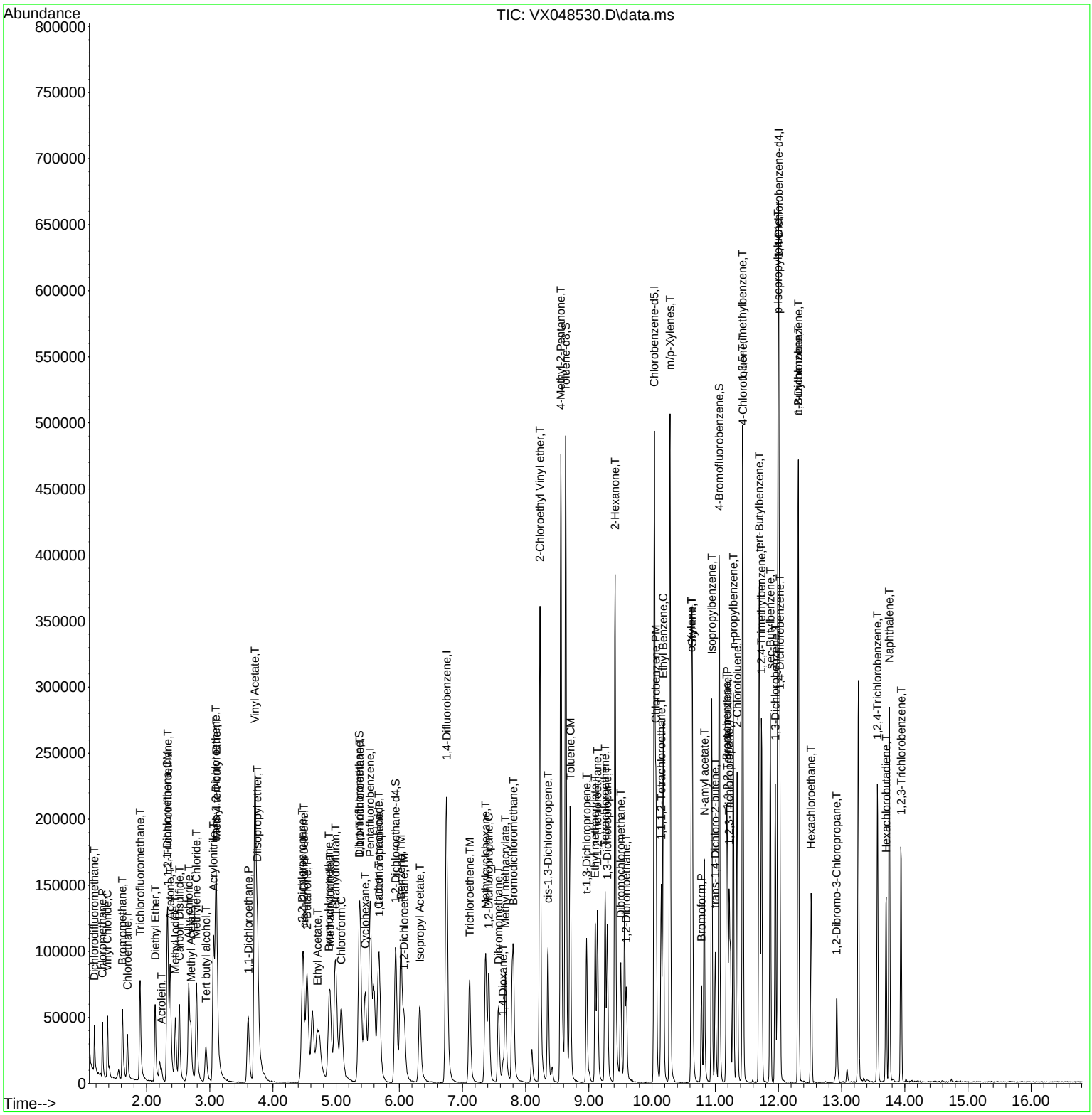
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
Data File : VX048530.D
Acq On : 10 Nov 2025 11:49
Operator : JC/MD
Sample : VX1110WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 11 00:43:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1110WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025



Raw Data: **VX048531.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	
Project:	Weekly Storage Blanks	Date Received:	
Client Sample ID:	VX1110WBSD01	SDG No.:	Q3573
Lab Sample ID:	VX1110WBSD01	Matrix:	Water
Analytical Method:	8260D	Level: LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC- Chemtech Full

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	14.1		1	0.22	1.00	ug/L	11/10/25 12:16	VX111025
74-87-3	Chloromethane	15.8		1	0.32	1.00	ug/L	11/10/25 12:16	VX111025
75-01-4	Vinyl Chloride	16.8		1	0.26	1.00	ug/L	11/10/25 12:16	VX111025
141-78-6	Ethyl Acetate	17.8		1	0.31	1.00	ug/L	11/10/25 12:16	VX111025
74-83-9	Bromomethane	21.5		1	1.40	5.00	ug/L	11/10/25 12:16	VX111025
75-00-3	Chloroethane	18.3		1	0.47	1.00	ug/L	11/10/25 12:16	VX111025
75-69-4	Trichlorofluoromethane	17.6		1	0.33	1.00	ug/L	11/10/25 12:16	VX111025
76-13-1	1,1,2-Trichlorotrifluoroethane	18.3		1	0.25	1.00	ug/L	11/10/25 12:16	VX111025
75-65-0	Tert butyl alcohol	95.8		1	5.50	25.0	ug/L	11/10/25 12:16	VX111025
75-35-4	1,1-Dichloroethene	18.1		1	0.23	1.00	ug/L	11/10/25 12:16	VX111025
107-02-8	Acrolein	87.2		1	7.10	25.0	ug/L	11/10/25 12:16	VX111025
107-13-1	Acrylonitrile	94.6		1	0.83	5.00	ug/L	11/10/25 12:16	VX111025
67-64-1	Acetone	91.0		1	1.50	5.00	ug/L	11/10/25 12:16	VX111025
75-15-0	Carbon Disulfide	17.3		1	0.21	1.00	ug/L	11/10/25 12:16	VX111025
1634-04-4	Methyl tert-butyl Ether	18.9		1	0.16	1.00	ug/L	11/10/25 12:16	VX111025
79-20-9	Methyl Acetate	18.3		1	0.27	1.00	ug/L	11/10/25 12:16	VX111025
75-09-2	Methylene Chloride	18.4		1	0.28	1.00	ug/L	11/10/25 12:16	VX111025
156-60-5	trans-1,2-Dichloroethene	17.7		1	0.23	1.00	ug/L	11/10/25 12:16	VX111025
108-05-4	Vinyl Acetate	92.8		1	0.66	5.00	ug/L	11/10/25 12:16	VX111025
75-34-3	1,1-Dichloroethane	18.4		1	0.23	1.00	ug/L	11/10/25 12:16	VX111025
110-82-7	Cyclohexane	18.4		1	1.50	5.00	ug/L	11/10/25 12:16	VX111025
78-93-3	2-Butanone	98.1		1	0.98	5.00	ug/L	11/10/25 12:16	VX111025
56-23-5	Carbon Tetrachloride	16.9		1	0.25	1.00	ug/L	11/10/25 12:16	VX111025
594-20-7	2,2-Dichloropropane	16.7		1	0.21	1.00	ug/L	11/10/25 12:16	VX111025
156-59-2	cis-1,2-Dichloroethene	18.1		1	0.19	1.00	ug/L	11/10/25 12:16	VX111025
74-97-5	Bromochloromethane	17.2		1	0.22	1.00	ug/L	11/10/25 12:16	VX111025
67-66-3	Chloroform	18.3		1	0.25	1.00	ug/L	11/10/25 12:16	VX111025
71-55-6	1,1,1-Trichloroethane	17.8		1	0.20	1.00	ug/L	11/10/25 12:16	VX111025
108-87-2	Methylcyclohexane	17.8		1	0.16	1.00	ug/L	11/10/25 12:16	VX111025
563-58-6	1,1-Dichloropropene	16.4		1	0.15	1.00	ug/L	11/10/25 12:16	VX111025
71-43-2	Benzene	17.4		1	0.15	1.00	ug/L	11/10/25 12:16	VX111025
107-06-2	1,2-Dichloroethane	18.1		1	0.22	1.00	ug/L	11/10/25 12:16	VX111025
79-01-6	Trichloroethene	18.5		1	0.090	1.00	ug/L	11/10/25 12:16	VX111025
78-87-5	1,2-Dichloropropane	19.1		1	0.20	1.00	ug/L	11/10/25 12:16	VX111025
74-95-3	Dibromomethane	20.3		1	0.25	1.00	ug/L	11/10/25 12:16	VX111025
75-27-4	Bromodichloromethane	19.8		1	0.22	1.00	ug/L	11/10/25 12:16	VX111025
108-10-1	4-Methyl-2-Pentanone	110		1	0.68	5.00	ug/L	11/10/25 12:16	VX111025
108-88-3	Toluene	20.5		1	0.14	1.00	ug/L	11/10/25 12:16	VX111025
10061-02-6	t-1,3-Dichloropropene	19.0		1	0.17	1.00	ug/L	11/10/25 12:16	VX111025
10061-01-5	cis-1,3-Dichloropropene	20.0		1	0.16	1.00	ug/L	11/10/25 12:16	VX111025
79-00-5	1,1,2-Trichloroethane	21.0		1	0.21	1.00	ug/L	11/10/25 12:16	VX111025
142-28-9	1,3-Dichloropropane	20.6		1	0.19	1.00	ug/L	11/10/25 12:16	VX111025
110-75-8	2-Chloroethyl Vinyl ether	100		1	0.30	5.00	ug/L	11/10/25 12:16	VX111025

Raw Data: **VX048531.D**

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

Report of Analysis

Client:	Chemtech Consulting Group			Date Collected:	
Project:	Weekly Storage Blanks			Date Received:	
Client Sample ID:	VX1110WBSD01			SDG No.:	Q3573
Lab Sample ID:	VX1110WBSD01			Matrix:	Water
Analytical Method:	8260D	Level:	LOW	% Solid:	0
Sample Wt/Vol:	5 mL	Final Vol:	5000 uL	Test:	VOC- Chemtech Full

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
591-78-6	2-Hexanone	100		1	0.89	5.00	ug/L	11/10/25 12:16	VX111025
124-48-1	Dibromochloromethane	20.0		1	0.18	1.00	ug/L	11/10/25 12:16	VX111025
106-93-4	1,2-Dibromoethane	20.9		1	0.15	1.00	ug/L	11/10/25 12:16	VX111025
127-18-4	Tetrachloroethene	18.4		1	0.23	1.00	ug/L	11/10/25 12:16	VX111025
108-90-7	Chlorobenzene	18.4		1	0.12	1.00	ug/L	11/10/25 12:16	VX111025
630-20-6	1,1,1,2-Tetrachloroethane	19.5		1	0.19	1.00	ug/L	11/10/25 12:16	VX111025
67-72-1	Hexachloroethane	17.6		1	0.32	1.00	ug/L	11/10/25 12:16	VX111025
100-41-4	Ethyl Benzene	18.2		1	0.13	1.00	ug/L	11/10/25 12:16	VX111025
179601-23-1	m/p-Xylenes	38.0		1	0.24	2.00	ug/L	11/10/25 12:16	VX111025
95-47-6	o-Xylene	18.7		1	0.12	1.00	ug/L	11/10/25 12:16	VX111025
100-42-5	Styrene	19.1		1	0.15	1.00	ug/L	11/10/25 12:16	VX111025
75-25-2	Bromoform	18.3		1	0.19	1.00	ug/L	11/10/25 12:16	VX111025
98-82-8	Isopropylbenzene	18.7		1	0.12	1.00	ug/L	11/10/25 12:16	VX111025
79-34-5	1,1,2,2-Tetrachloroethane	18.3		1	0.26	1.00	ug/L	11/10/25 12:16	VX111025
96-18-4	1,2,3-Trichloropropane	18.2		1	0.35	1.00	ug/L	11/10/25 12:16	VX111025
108-86-1	Bromobenzene	18.5		1	0.24	1.00	ug/L	11/10/25 12:16	VX111025
103-65-1	n-propylbenzene	18.0		1	0.13	1.00	ug/L	11/10/25 12:16	VX111025
95-49-8	2-Chlorotoluene	18.3		1	0.14	1.00	ug/L	11/10/25 12:16	VX111025
108-67-8	1,3,5-Trimethylbenzene	18.3		1	0.15	1.00	ug/L	11/10/25 12:16	VX111025
106-43-4	4-Chlorotoluene	18.1		1	0.13	1.00	ug/L	11/10/25 12:16	VX111025
98-06-6	tert-Butylbenzene	18.4		1	0.14	1.00	ug/L	11/10/25 12:16	VX111025
95-63-6	1,2,4-Trimethylbenzene	18.6		1	0.14	1.00	ug/L	11/10/25 12:16	VX111025
135-98-8	sec-Butylbenzene	18.2		1	0.13	1.00	ug/L	11/10/25 12:16	VX111025
99-87-6	p-Isopropyltoluene	18.4		1	0.13	1.00	ug/L	11/10/25 12:16	VX111025
541-73-1	1,3-Dichlorobenzene	18.0		1	0.16	1.00	ug/L	11/10/25 12:16	VX111025
106-46-7	1,4-Dichlorobenzene	17.9		1	0.19	1.00	ug/L	11/10/25 12:16	VX111025
104-51-8	n-Butylbenzene	17.7		1	0.15	1.00	ug/L	11/10/25 12:16	VX111025
95-50-1	1,2-Dichlorobenzene	18.1		1	0.16	1.00	ug/L	11/10/25 12:16	VX111025
96-12-8	1,2-Dibromo-3-Chloropropane	18.8		1	0.53	1.00	ug/L	11/10/25 12:16	VX111025
120-82-1	1,2,4-Trichlorobenzene	17.8		1	0.20	1.00	ug/L	11/10/25 12:16	VX111025
87-68-3	Hexachlorobutadiene	18.0		1	0.30	1.00	ug/L	11/10/25 12:16	VX111025
91-20-3	Naphthalene	19.2		1	0.20	1.00	ug/L	11/10/25 12:16	VX111025
87-61-6	1,2,3-Trichlorobenzene	18.9		1	0.20	1.00	ug/L	11/10/25 12:16	VX111025
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	50.4			74 - 125	101%	SPK: 50		
1868-53-7	Dibromofluoromethane	45.5			75 - 124	91%	SPK: 50		
2037-26-5	Toluene-d8	50.0			86 - 113	100%	SPK: 50		
460-00-4	4-Bromofluorobenzene	48.9			77 - 121	98%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	187000							
540-36-3	1,4-Difluorobenzene	314000							
3114-55-4	Chlorobenzene-d5	273000							
3855-82-1	1,4-Dichlorobenzene-d4	140000							

Raw Data: **VX048531.D**

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

Report of Analysis

Client:	Chemtech Consulting Group			Date Collected:	
Project:	Weekly Storage Blanks			Date Received:	
Client Sample ID:	VX1110WBSD01			SDG No.:	Q3573
Lab Sample ID:	VX1110WBSD01			Matrix:	Water
Analytical Method:	8260D	Level:	LOW	% Solid:	0
Sample Wt/Vol:	5 mL	Final Vol:	5000 uL	Test:	VOC- Chemtech Full

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID

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\VX111025\
Data File : VX048531.D
Acq On : 10 Nov 2025 12:16
Operator : JC/MD
Sample : VX1110WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 11 00:44:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1110WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.531	168	186739	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	314084	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	272722	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	139918	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	131022	50.353	ug/l	-0.01
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.700%			
35) Dibromofluoromethane	5.367	113	108083	45.467	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 90.940%			
50) Toluene-d8	8.628	98	370461	49.967	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.940%			
62) 4-Bromofluorobenzene	11.061	95	134981	48.854	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.700%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	21270	14.057	ug/l	99
3) Chloromethane	1.301	50	31642	15.766	ug/l	100
4) Vinyl Chloride	1.380	62	38176	16.800	ug/l	99
5) Bromomethane	1.618	94	30808	21.471	ug/l	95
6) Chloroethane	1.697	64	27211	18.285	ug/l	100
7) Trichlorofluoromethane	1.892	101	63335	17.618	ug/l	98
8) Diethyl Ether	2.130	74	26370	18.274	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	38071	18.293	ug/l	100
10) Methyl Iodide	2.453	142	60312	19.582	ug/l	100
11) Tert butyl alcohol	2.934	59	47232	95.794	ug/l	97
12) 1,1-Dichloroethene	2.325	96	39354	18.103	ug/l	90
13) Acrolein	2.233	56	6222	87.217	ug/l	98
14) Allyl chloride	2.666	41	71244	17.603	ug/l	98
15) Acrylonitrile	3.050	53	136142	94.585	ug/l	98
16) Acetone	2.367	43	112083	90.999	ug/l	98
17) Carbon Disulfide	2.514	76	105680	17.276	ug/l	99
18) Methyl Acetate	2.697	43	61904	18.288	ug/l	99
19) Methyl tert-butyl Ether	3.105	73	145402	18.941	ug/l	97
20) Methylene Chloride	2.788	84	46553	18.384	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	40819	17.717	ug/l	95
22) Diisopropyl ether	3.745	45	147454	18.973	ug/l	94
23) Vinyl Acetate	3.709	43	631468	92.773	ug/l	98
24) 1,1-Dichloroethane	3.599	63	78660	18.446	ug/l	100
25) 2-Butanone	4.532	43	178755	98.105	ug/l	100
26) 2,2-Dichloropropane	4.465	77	60785	16.720	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	51067	18.133	ug/l	100
28) Bromochloromethane	4.873	49	35994	17.182	ug/l	97
29) Tetrahydrofuran	4.983	42	121604	93.574	ug/l	98
30) Chloroform	5.074	83	80488	18.283	ug/l	99
31) Cyclohexane	5.458	56	64314	18.407	ug/l	97
32) 1,1,1-Trichloroethane	5.367	97	68308	17.779	ug/l	100
36) 1,1-Dichloropropene	5.678	75	52158	16.386	ug/l	98
37) Ethyl Acetate	4.690	43	79538	17.751	ug/l	98
38) Carbon Tetrachloride	5.659	117	61169	16.881	ug/l	100
39) Methylcyclohexane	7.367	83	63750	17.836	ug/l	96
40) Benzene	6.019	78	172089	17.441	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
Data File : VX048531.D
Acq On : 10 Nov 2025 12:16
Operator : JC/MD
Sample : VX1110WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 11 00:44:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1110WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.897	41	37669	19.116	ug/l		95
42) 1,2-Dichloroethane	6.062	62	61312	18.136	ug/l		99
43) Isopropyl Acetate	6.318	43	114026	18.104	ug/l		99
44) Trichloroethene	7.104	130	43662	18.513	ug/l		95
45) 1,2-Dichloropropane	7.409	63	43274	19.074	ug/l		98
46) Dibromomethane	7.562	93	33518	20.256	ug/l		96
47) Bromodichloromethane	7.805	83	65250	19.766	ug/l		99
48) Methyl methacrylate	7.671	41	54587	19.496	ug/l		98
49) 1,4-Dioxane	7.641	88	17256	404.463	ug/l	#	96
51) 4-Methyl-2-Pentanone	8.555	43	376752	105.082	ug/l		97
52) Toluene	8.702	92	106489	20.499	ug/l		100
53) t-1,3-Dichloropropene	8.964	75	64740	19.033	ug/l		98
54) cis-1,3-Dichloropropene	8.348	75	70428	19.996	ug/l		98
55) 1,1,2-Trichloroethane	9.134	97	43645	21.029	ug/l		96
56) Ethyl methacrylate	9.098	69	72320	20.943	ug/l		99
57) 1,3-Dichloropropane	9.293	76	74383	20.590	ug/l		98
58) 2-Chloroethyl Vinyl ether	8.220	63	189469	102.057	ug/l		99
59) 2-Hexanone	9.415	43	277906	104.203	ug/l		100
60) Dibromochloromethane	9.506	129	50954	19.995	ug/l		98
61) 1,2-Dibromoethane	9.592	107	46976	20.897	ug/l		99
64) Tetrachloroethene	9.256	164	36443	18.398	ug/l		98
65) Chlorobenzene	10.061	112	119032	18.389	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.146	131	42224	19.468	ug/l		97
67) Ethyl Benzene	10.177	91	198257	18.239	ug/l		99
68) m/p-Xylenes	10.287	106	155476	37.978	ug/l		98
69) o-Xylene	10.622	106	74716	18.654	ug/l		98
70) Styrene	10.640	104	128142	19.072	ug/l		98
71) Bromoform	10.781	173	36575	18.278	ug/l	#	98
73) Isopropylbenzene	10.945	105	190283	18.736	ug/l		100
74) N-amyl acetate	10.823	43	93058	18.248	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.195	83	65696	18.343	ug/l		99
76) 1,2,3-Trichloropropane	11.219	75	61374m	18.207	ug/l		
77) Bromobenzene	11.177	156	48495	18.492	ug/l		99
78) n-propylbenzene	11.287	91	215215	18.022	ug/l		98
79) 2-Chlorotoluene	11.347	91	132256	18.328	ug/l		100
80) 1,3,5-Trimethylbenzene	11.433	105	151610	18.312	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.000	75	20599	17.479	ug/l		95
82) 4-Chlorotoluene	11.433	91	153524	18.137	ug/l		98
83) tert-Butylbenzene	11.695	119	157954	18.445	ug/l		99
84) 1,2,4-Trimethylbenzene	11.732	105	155016	18.556	ug/l		100
85) sec-Butylbenzene	11.872	105	192833	18.219	ug/l		100
86) p-Isopropyltoluene	11.988	119	163688	18.396	ug/l		99
87) 1,3-Dichlorobenzene	11.951	146	88632	18.032	ug/l		99
88) 1,4-Dichlorobenzene	12.024	146	90720	17.869	ug/l		99
89) n-Butylbenzene	12.317	91	148103	17.742	ug/l		100
90) Hexachloroethane	12.518	117	29792	17.573	ug/l		96
91) 1,2-Dichlorobenzene	12.317	146	85315	18.081	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.920	75	15665	18.821	ug/l		98
93) 1,2,4-Trichlorobenzene	13.567	180	55768	17.786	ug/l		99
94) Hexachlorobutadiene	13.707	225	23639	18.035	ug/l		97
95) Naphthalene	13.756	128	193138	19.158	ug/l		100
96) 1,2,3-Trichlorobenzene	13.945	180	55097	18.891	ug/l		98

Sample Results: **VX048531.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
Data File : VX048531.D
Acq On : 10 Nov 2025 12:16
Operator : JC/MD
Sample : VX1110WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 11 00:44:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1110WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025

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

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

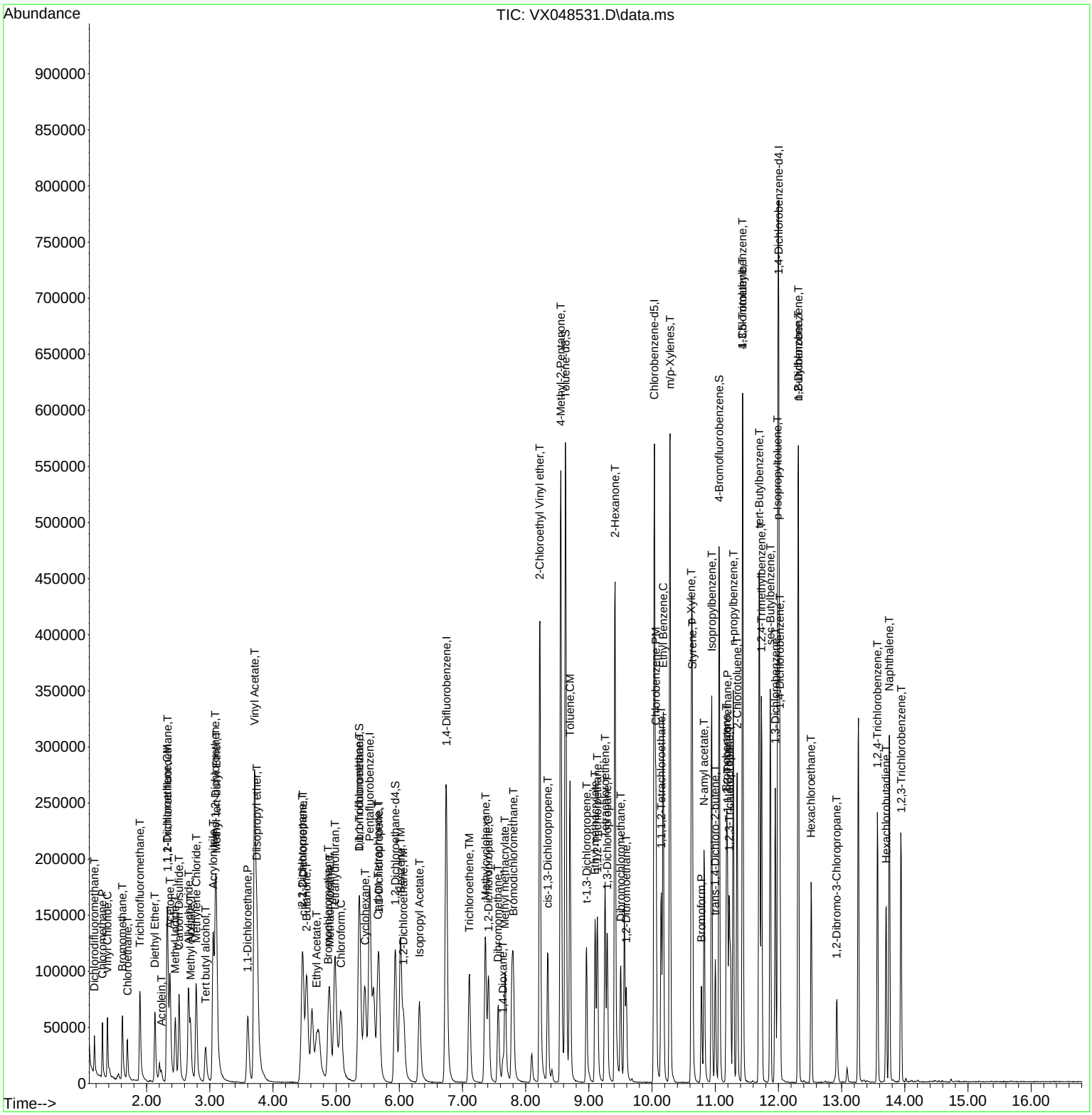
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111025\
Data File : VX048531.D
Acq On : 10 Nov 2025 12:16
Operator : JC/MD
Sample : VX1110WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 11 00:44:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1110WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025



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

Manual Integration Report

Sequence:	VX110725	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC001	VX048516.D	1,2,3-Trichloropropane	JOHN	11/10/2025 8:27:19 AM	sam	11/10/2025 10:11:26 AM	Peak Integrated by Software
VSTDICC001	VX048516.D	1,4-Dichlorobenzene	JOHN	11/10/2025 8:27:19 AM	sam	11/10/2025 10:11:26 AM	Peak Integrated by Software
VSTDICC001	VX048516.D	2-Chloroethyl Vinyl ether	JOHN	11/10/2025 8:27:19 AM	sam	11/10/2025 10:11:26 AM	Peak Integrated by Software
VSTDICC005	VX048517.D	1,2,3-Trichloropropane	JOHN	11/10/2025 8:27:24 AM	sam	11/10/2025 10:11:30 AM	Peak Integrated by Software
VSTDICC005	VX048517.D	2-Chloroethyl Vinyl ether	JOHN	11/10/2025 8:27:24 AM	sam	11/10/2025 10:11:30 AM	Peak Integrated by Software
VSTDICC020	VX048518.D	1,2,3-Trichloropropane	JOHN	11/10/2025 8:27:29 AM	sam	11/10/2025 10:11:35 AM	Peak Integrated by Software
VSTDICC020	VX048518.D	2-Chloroethyl Vinyl ether	JOHN	11/10/2025 8:27:29 AM	sam	11/10/2025 10:11:35 AM	Peak Integrated by Software
VSTDICC020	VX048518.D	Acrolein	JOHN	11/10/2025 8:27:29 AM	sam	11/10/2025 10:11:35 AM	Peak Integrated by Software
VSTDICC100	VX048520.D	1,2,3-Trichloropropane	JOHN	11/10/2025 8:27:38 AM	sam	11/10/2025 10:12:15 AM	Peak Integrated by Software
VSTDICC100	VX048520.D	Bromomethane	JOHN	11/10/2025 8:27:38 AM	sam	11/10/2025 10:12:15 AM	Peak Integrated by Software
VSTDICC150	VX048521.D	1,2,3-Trichloropropane	JOHN	11/10/2025 8:27:44 AM	sam	11/10/2025 10:11:39 AM	Peak Integrated by Software
VSTDICCC050	VX048524.D	1,2,3-Trichloropropane	JOHN	11/10/2025 8:27:53 AM	sam	11/10/2025 10:12:22 AM	Peak Integrated by Software
VSTDICV050	VX048525.D	1,2,3-Trichloropropane	JOHN	11/10/2025 8:27:58 AM	sam	11/10/2025 10:11:48 AM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	VX110725	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

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

Manual Integration Report

Sequence:	VX111025	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX048527.D	1,2,3-Trichloropropane	JOHN	11/11/2025 8:01:07 AM	sam	11/11/2025 12:33:50 PM	Peak Integrated by Software
VX1110WBS01	VX048530.D	1,2,3-Trichloropropane	JOHN	11/11/2025 8:01:11 AM	sam	11/11/2025 12:33:56 PM	Peak Integrated by Software
VX1110WBSD01	VX048531.D	1,2,3-Trichloropropane	JOHN	11/11/2025 8:01:16 AM	sam	11/11/2025 12:34:02 PM	Peak Integrated by Software
VSTDCCC050	VX048547.D	1,2,3-Trichloropropane	JOHN	11/11/2025 8:01:20 AM	sam	11/11/2025 12:34:11 PM	Peak Integrated by Software

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

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX110725

Review By	John Carlone	Review On	11/10/2025 8:28:24 AM	
Supervise By	Amit Patel	Supervise On	11/10/2025 9:54:56 AM	
SubDirectory	VX110725	HP Acquire Method		HP Processing Method

STD. NAME	STD REF.#
Tune/Reschk	VP136104
Initial Calibration Stds	VP136097,VP136098,VP135099,VP136100,VP136101,VP135102
CCC	
Internal Standard/PEM	
ICV/I.BLK	VP136103
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX048515.D	07 Nov 2025 13:06	JC/MD	Ok
2	VSTDICC001	VX048516.D	07 Nov 2025 13:35	JC/MD	Ok,M
3	VSTDICC005	VX048517.D	07 Nov 2025 13:56	JC/MD	Ok,M
4	VSTDICC020	VX048518.D	07 Nov 2025 14:16	JC/MD	Ok,M
5	VSTDICCC050	VX048519.D	07 Nov 2025 14:37	JC/MD	Not Ok
6	VSTDICC100	VX048520.D	07 Nov 2025 14:58	JC/MD	Ok,M
7	VSTDICC150	VX048521.D	07 Nov 2025 15:18	JC/MD	Ok,M
8	VIBLK	VX048522.D	07 Nov 2025 15:39	JC/MD	Ok
9	VSTDICC005	VX048523.D	07 Nov 2025 16:08	JC/MD	Not Ok
10	VSTDICCC050	VX048524.D	07 Nov 2025 16:29	JC/MD	Ok,M
11	VSTDICV050	VX048525.D	07 Nov 2025 16:50	JC/MD	Ok,M

M : Manual Integration

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

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX111025

Review By	John Carlone	Review On	11/11/2025 8:25:59 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	11/11/2025 12:40:16 PM		
SubDirectory	VX111025	HP Acquire Method		HP Processing Method	82X110725W.M

STD. NAME	STD REF.#
Tune/Reschk	VP136105
Initial Calibration Stds	
CCC	VP136106,VP136107
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX048526.D	10 Nov 2025 08:34	JC/MD	Ok
2	VSTDCCC050	VX048527.D	10 Nov 2025 09:36	JC/MD	Ok,M
3	VX1110WBL01	VX048528.D	10 Nov 2025 10:04	JC/MD	Ok
4	VX1110MBL01	VX048529.D	10 Nov 2025 11:28	JC/MD	Ok
5	VX1110WBS01	VX048530.D	10 Nov 2025 11:49	JC/MD	Ok,M
6	VX1110WBSD01	VX048531.D	10 Nov 2025 12:16	JC/MD	Ok,M
7	Q3573-01	VX048532.D	10 Nov 2025 12:37	JC/MD	Ok
8	Q3573-02	VX048533.D	10 Nov 2025 12:58	JC/MD	Ok
9	Q3573-03	VX048534.D	10 Nov 2025 13:19	JC/MD	Ok
10	Q3573-04	VX048535.D	10 Nov 2025 13:43	JC/MD	Ok
11	Q3569-03	VX048536.D	10 Nov 2025 14:04	JC/MD	Ok
12	Q3584-04	VX048537.D	10 Nov 2025 14:25	JC/MD	ReRun
13	Q3584-05	VX048538.D	10 Nov 2025 14:45	JC/MD	Ok
14	Q3584-06	VX048539.D	10 Nov 2025 15:06	JC/MD	Ok
15	Q3584-01	VX048540.D	10 Nov 2025 15:27	JC/MD	Ok
16	Q3584-02	VX048541.D	10 Nov 2025 15:48	JC/MD	Ok
17	Q3584-03	VX048542.D	10 Nov 2025 16:08	JC/MD	Ok
18	Q3569-01	VX048543.D	10 Nov 2025 16:29	JC/MD	Ok
19	Q3569-02	VX048544.D	10 Nov 2025 16:49	JC/MD	Dilution
20	Q3584-07	VX048545.D	10 Nov 2025 17:10	JC/MD	Not Ok
21	IBLK	VX048546.D	10 Nov 2025 17:30	JC/MD	Ok

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX111025

Review By	John Carlone	Review On	11/11/2025 8:25:59 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	11/11/2025 12:40:16 PM		
SubDirectory	VX111025	HP Acquire Method		HP Processing Method	82X110725W.M

STD. NAME	STD REF.#
Tune/Reschk	VP136105
Initial Calibration Stds	
CCC	VP136106,VP136107
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	VSTDCCC050	VX048547.D	10 Nov 2025 17:51	JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX110725

Review By	John Carlone	Review On	11/10/2025 8:28:24 AM
Supervise By	Amit Patel	Supervise On	11/10/2025 9:54:56 AM
SubDirectory	VX110725	HP Acquire Method	HP Processing Method

STD. NAME	STD REF.#
Tune/Reschk	VP136104
Initial Calibration Stds	VP136097,VP136098,VP135099,VP136100,VP136101,VP135102
CCC	
Internal Standard/PEM	
ICV/I.BLK	VP136103
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX048515.D	07 Nov 2025 13:06		JC/MD	Ok
2	VSTDICC001	VSTDICC001	VX048516.D	07 Nov 2025 13:35		JC/MD	Ok,M
3	VSTDICC005	VSTDICC005	VX048517.D	07 Nov 2025 13:56		JC/MD	Ok,M
4	VSTDICC020	VSTDICC020	VX048518.D	07 Nov 2025 14:16		JC/MD	Ok,M
5	VSTDICCC050	VSTDICCC050	VX048519.D	07 Nov 2025 14:37	spiked low	JC/MD	Not Ok
6	VSTDICC100	VSTDICC100	VX048520.D	07 Nov 2025 14:58		JC/MD	Ok,M
7	VSTDICC150	VSTDICC150	VX048521.D	07 Nov 2025 15:18		JC/MD	Ok,M
8	VIBLK	VIBLK	VX048522.D	07 Nov 2025 15:39		JC/MD	Ok
9	VSTDICC005	VSTDICC005	VX048523.D	07 Nov 2025 16:08	spike error	JC/MD	Not Ok
10	VSTDICCC050	VSTDICCC050	VX048524.D	07 Nov 2025 16:29		JC/MD	Ok,M
11	VSTDICV050	ICVVX110725	VX048525.D	07 Nov 2025 16:50		JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX111025

Review By	John Carlone	Review On	11/11/2025 8:25:59 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	11/11/2025 12:40:16 PM		
SubDirectory	VX111025	HP Acquire Method		HP Processing Method	82X110725W.M

STD. NAME	STD REF.#
Tune/Reschk	VP136105
Initial Calibration Stds	
CCC	VP136106,VP136107
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX048526.D	10 Nov 2025 08:34		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX048527.D	10 Nov 2025 09:36	pH#Lot#V12668	JC/MD	Ok,M
3	VX1110WBL01	VX1110WBL01	VX048528.D	10 Nov 2025 10:04		JC/MD	Ok
4	VX1110MBL01	VX1110MBL01	VX048529.D	10 Nov 2025 11:28		JC/MD	Ok
5	VX1110WBS01	VX1110WBS01	VX048530.D	10 Nov 2025 11:49		JC/MD	Ok,M
6	VX1110WBSD01	VX1110WBSD01	VX048531.D	10 Nov 2025 12:16		JC/MD	Ok,M
7	Q3573-01	STORAGE-BLANK-SO	VX048532.D	10 Nov 2025 12:37	vial A pH<2	JC/MD	Ok
8	Q3573-02	STORAGE-BLANK-WA	VX048533.D	10 Nov 2025 12:58	vial A pH<2	JC/MD	Ok
9	Q3573-03	STORAGE-BLANK-WA	VX048534.D	10 Nov 2025 13:19	vial A pH<2	JC/MD	Ok
10	Q3573-04	STORAGE-BLANK-SA	VX048535.D	10 Nov 2025 13:43	vial A pH<2	JC/MD	Ok
11	Q3569-03	TB-2	VX048536.D	10 Nov 2025 14:04	vial A pH<2 TB	JC/MD	Ok
12	Q3584-04	EB-2	VX048537.D	10 Nov 2025 14:25	vial A pH<2 EB;Hit of Com.#16	JC/MD	ReRun
13	Q3584-05	FB-2	VX048538.D	10 Nov 2025 14:45	vial A pH<2 FB	JC/MD	Ok
14	Q3584-06	TB-3	VX048539.D	10 Nov 2025 15:06	vial A pH<2 TB	JC/MD	Ok
15	Q3584-01	SW-1	VX048540.D	10 Nov 2025 15:27	vial A pH<2	JC/MD	Ok
16	Q3584-02	SW-2	VX048541.D	10 Nov 2025 15:48	vial A pH<2	JC/MD	Ok
17	Q3584-03	SW-3	VX048542.D	10 Nov 2025 16:08	vial A pH<2	JC/MD	Ok
18	Q3569-01	MW-2	VX048543.D	10 Nov 2025 16:29	vial A pH<2	JC/MD	Ok

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX111025

Review By	John Carlone	Review On	11/11/2025 8:25:59 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	11/11/2025 12:40:16 PM		
SubDirectory	VX111025	HP Acquire Method		HP Processing Method	82X110725W.M

STD. NAME	STD REF.#
Tune/Reschk	VP136105
Initial Calibration Stds	
CCC	VP136106,VP136107
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q3569-02	MW-12	VX048544.D	10 Nov 2025 16:49	vial A pH<2 Need 5X	JC/MD	Dilution
20	Q3584-07	SEEP-1	VX048545.D	10 Nov 2025 17:10	Need Straight Run	JC/MD	Not Ok
21	IBLK	IBLK	VX048546.D	10 Nov 2025 17:30		JC/MD	Ok
22	VSTDCCC050	VSTDCCC050EC	VX048547.D	10 Nov 2025 17:51		JC/MD	Ok,M

M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 11/10/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:15
In Date: 11/07/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:25
Out Date: 11/08/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB137824

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
Q3573-05	SVOC-GPC-BLANK	1	1.00	1.00	2.00	2.00	100.0	
Q3573-06	PEST-GPC-BLANK	2	1.00	1.00	2.00	2.00	100.0	
Q3573-07	PEST-GPC-BLANK-SPIKE	3	1.00	1.00	2.00	2.00	100.0	
Q3573-08	SVOC-GPC2-BLANK	4	1.00	1.00	2.00	2.00	100.0	
Q3573-09	PEST-GPC2-BLANK	5	1.00	1.00	2.00	2.00	100.0	
Q3573-10	PEST -GPC2-BLANK-SPIKE	6	1.00	1.00	2.00	2.00	100.0	
Q3577-01	WC-1A	7	1.15	11.09	12.24	10.71	86.2	
Q3577-02	WC-1A-EPH	8	1.18	10.43	11.61	10.03	84.9	
Q3577-03	WC-1A-VOC	9	1.15	10.34	11.49	10.21	87.6	
Q3579-01	Y2404-0073-A	10	1.00	1.00	2.00	2.00	100.0	PILC
Q3579-02	Y2404-0073-B	11	1.00	1.00	2.00	2.00	100.0	PILC
Q3579-03	FCA-340K-A	12	1.00	1.00	2.00	2.00	100.0	PILC
Q3579-04	FCA-340K-B	13	1.00	1.00	2.00	2.00	100.0	PILC
Q3579-05	BC260409-A	14	1.00	1.00	2.00	2.00	100.0	PILC
Q3579-06	BC260409-B	15	1.00	1.00	2.00	2.00	100.0	PILC
Q3579-07	02-9010-A	16	1.00	1.00	2.00	2.00	100.0	PILC
Q3579-08	02-9010-B	17	1.00	1.00	2.00	2.00	100.0	PILC
Q3580-01	346	18	1.15	10.95	12.1	10.71	87.3	
Q3580-02	346-E2	19	1.19	10.90	12.09	10.62	86.5	

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

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

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

CHAIN OF CUSTODY RECORD

Alliance Project Number: Q3573

COC Number:

CLIENT INFORMATION

COMPANY: Alliance Technical Group, LLC - Newark
ADDRESS: 284 Sheffield Street
CITY Mountainside STATE:NJ ZIP: 07092
ATTENTION:
PHONE: FAX:

PROJECT INFORMATION

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

BILLING INFORMATION

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

DATA TURNAROUND INFORMATION

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

DATA DELIVERABLE INFORMATION

- ☐ RESULTS ONLY
- ☐ RESULTS + QC
- ☐ New Jersey REDUCED
- ☐ New Jersey CLP
- ☐ USEPA CLP
- ☐ New York State ASP "B"
- ☐ New York State ASP "A"
- ☐ Other
- ☐ EDD Format

ANALYSIS

	VOC	SVOC	PESTICIDES						
	1	2	3	4	5	6	7	8	9
PRESERVATIVES									

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# of Bottles	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						

COMMENTS

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

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

RELINQUISHED BY SAMPLER	DATE/TIME	RECEIVED BY
1. Sam	11/07/25 9:00 AM	1.
RELINQUISHED BY	DATE/TIME	RECEIVED BY
2.		2.
RELINQUISHED BY	DATE/TIME	RECEIVED FOR LAB BY
3.		3.

Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non Compliant ☐ Cooler Temp_____
MeOH extraction requires an additional 4oz. Jar for percent solid ☐ Ice in Cooler?:_____
Comments:

Page_____of_____

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

Shipment Complete ☐ YES ☐ NO

WHITE - ALLIANCE COPYFOR RETURN TO CLIENT **YELLOW** - ALLIANCE COPY **PINK** - SAMPLER COPY

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

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

QA Control Code: A2070148