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

DATA REPORTING QUALIFIERS- ORGANIC

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

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

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LAB CHRONICLE

OrderID:	Q3689	**OrderDate:**	11/20/2025 9:02:00 AM
Client:	Garden State Laboratories, Inc.	**Project:**	Waste Water 2025
Contact:	Sharon Ercoliani	**Location:**	VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3689-01	**251119071-01 VOA**	**Water**			**11/19/25**			**11/20/25**
			VOCMS Group1	624.1			11/20/25	
			VOCMS Group2	8260-Low			11/20/25	
Q3689-01DL	**251119071-01 VOADL**	**Water**			**11/19/25**			**11/20/25**
			VOCMS Group2	8260-Low			11/20/25	
Q3689-02	**251119025-03 Trip blank**	**Water**			**11/19/25**			**11/20/25**
			VOCMS Group1	624.1			11/20/25	
			VOCMS Group2	8260-Low			11/20/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3689

Client: Garden State Laboratories, Inc.

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID:	**251119071-01 VOA**								
Q3689-01	251119071-01 VOA	Water	Vinyl Chloride		0.48	J	0.26	1.00	ug/L
Q3689-01	251119071-01 VOA	Water	Acetone		960	E	1.50	5.00	ug/L
Q3689-01	251119071-01 VOA	Water	Methyl Acetate		2.60		0.27	1.00	ug/L
Q3689-01	251119071-01 VOA	Water	Benzene		3.70		0.15	1.00	ug/L
Q3689-01	251119071-01 VOA	Water	4-Methyl-2-Pentanone		14.1	Q	0.68	5.00	ug/L
Q3689-01	251119071-01 VOA	Water	Toluene		21.2	Q	0.14	1.00	ug/L
Q3689-01	251119071-01 VOA	Water	2-Hexanone		3.40	JQ	0.89	5.00	ug/L
Q3689-01	251119071-01 VOA	Water	Chlorobenzene		1.60		0.12	1.00	ug/L
Q3689-01	251119071-01 VOA	Water	Ethyl Benzene		8.30		0.13	1.00	ug/L
Q3689-01	251119071-01 VOA	Water	m/p-Xylenes		8.50		0.24	2.00	ug/L
Q3689-01	251119071-01 VOA	Water	o-Xylene		4.70		0.12	1.00	ug/L
Q3689-01	251119071-01 VOA	Water	Isopropylbenzene		1.10	Q	0.12	1.00	ug/L
Q3689-01	251119071-01 VOA	Water	1,4-Dichlorobenzene		2.70		0.19	1.00	ug/L
Q3689-01	251119071-01 VOA	Water	1,2-Dichlorobenzene		0.21	J	0.16	1.00	ug/L
			Total Voc :		1030				
Q3689-01	251119071-01 VOA	Water	2-Pentanone	*	13.7	J	0	0	ug/L
Q3689-01	251119071-01 VOA	Water	(+)-2-Bornanone	*	120	J	0	0	ug/L
Q3689-01	251119071-01 VOA	Water	Eucalyptol	*	15.3	J	0	0	ug/L
Q3689-01	251119071-01 VOA	Water	3-Pentanone, 2,4-dimethyl-	*	14.2	J	0	0	ug/L
Q3689-01	251119071-01 VOA	Water	Fenchone	*	63.2	J	0	0	ug/L
Q3689-01	251119071-01 VOA	Water	Tetrahydrofuran	*	790	J	0.99	5.00	ug/L
Q3689-01	251119071-01 VOA	Water	Tert butyl alcohol	*	9200	J	5.50	25.0	ug/L
Q3689-01	251119071-01 VOA	Water	Diethyl Ether	*	6.00	J	0.31	1.00	ug/L
Q3689-01	251119071-01 VOA	Water	n-propylbenzene	*	0.41	J	0.13	1.00	ug/L
Q3689-01	251119071-01 VOA	Water	1,3,5-Trimethylbenzene	*	0.76	J	0.15	1.00	ug/L
Q3689-01	251119071-01 VOA	Water	1,2,4-Trimethylbenzene	*	3.00	J	0.14	1.00	ug/L
Q3689-01	251119071-01 VOA	Water	p-Isopropyltoluene	*	6.70	J	0.13	1.00	ug/L
Q3689-01	251119071-01 VOA	Water	Naphthalene	*	23.0	J	0.20	1.00	ug/L
			Total Tics :		10300				
			Total Concentration:		11300				
Client ID:	**251119071-01 VOADL**								
Q3689-01DL	251119071-01 VOA	Water	Acetone		910	D	30.2	100	ug/L
Q3689-01DL	251119071-01 VOA	Water	Benzene		4.80	JD	3.00	20.0	ug/L
Q3689-01DL	251119071-01 VOA	Water	4-Methyl-2-Pentanone		14.1	JDQ	13.6	100	ug/L
Q3689-01DL	251119071-01 VOA	Water	Toluene		23.7	DQ	2.80	20.0	ug/L
Q3689-01DL	251119071-01 VOA	Water	Ethyl Benzene		8.70	JD	2.60	20.0	ug/L

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Hit Summary Sheet
SW-846

SDG No.: Q3689

Client: Garden State Laboratories, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q3689-01DL	251119071-01 VOA	Water	m/p-Xylenes	9.70	JD	4.80	40.0	ug/L
Q3689-01DL	251119071-01 VOA	Water	o-Xylene	5.40	JD	2.40	20.0	ug/L
			Total Voc :	976				
			Total Concentration:	976				

QC SUMMARY

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Surrogate Summary

SDG No.: Q3689

Client: Garden State Laboratories, Inc.

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	High
Q3689-01	251119071-01 VOA	1,2-Dichloroethane-d4	50	58.6	117		74	125
		Dibromofluoromethane	50	42.9	86		75	124
		Toluene-d8	50	49.5	99		86	113
		4-Bromofluorobenzene	50	60.2	120		77	121
Q3689-01DL	251119071-01 VOADL	1,2-Dichloroethane-d4	50	57.6	115		74	125
		Dibromofluoromethane	50	43.8	88		75	124
		Toluene-d8	50	50.8	102		86	113
		4-Bromofluorobenzene	50	60.3	121		77	121
Q3689-02	251119025-03 Trip blank	1,2-Dichloroethane-d4	50	56.5	113		74	125
		Dibromofluoromethane	50	47.3	95		75	124
		Toluene-d8	50	47.9	96		86	113
		4-Bromofluorobenzene	50	56.5	113		77	121
VX1120WBL01	VX1120WBL01	1,2-Dichloroethane-d4	50	55.2	110		74	125
		Dibromofluoromethane	50	43.3	87		75	124
		Toluene-d8	50	53.4	107		86	113
		4-Bromofluorobenzene	50	55.0	110		77	121
VX1120WBS01	VX1120WBS01	1,2-Dichloroethane-d4	50	54.7	109		74	125
		Dibromofluoromethane	50	42.5	85		75	124
		Toluene-d8	50	53.5	107		86	113
		4-Bromofluorobenzene	50	47.3	95		77	121
VX1120WBSD0	VX1120WBSD01	1,2-Dichloroethane-d4	50	55.6	111		74	125
		Dibromofluoromethane	50	53.5	107		75	124
		Toluene-d8	50	53.3	107		86	113
		4-Bromofluorobenzene	50	54.4	109		77	121

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3689 **Analytical Method:** SW8260-Low

Client: Garden State Laboratories, Inc. **Datafile :** VX048626.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX1120WBS01	Dichlorodifluoromethane	20	21.2	ug/L	106			69	116	
	Chloromethane	20	22.5	ug/L	113			65	116	
	Vinyl chloride	20	22.9	ug/L	115			65	117	
	Bromomethane	20	25.3	ug/L	127		*	58	125	
	Chloroethane	20	21.8	ug/L	109			56	128	
	Trichlorofluoromethane	20	21.7	ug/L	109			73	115	
	1,1,2-Trichlorotrifluoroethane	20	24.5	ug/L	123		*	80	112	
	1,1-Dichloroethene	20	22.3	ug/L	112		*	74	110	
	Acetone	100	100	ug/L	100			60	125	
	Carbon disulfide	20	17.2	ug/L	86			64	112	
	Methyl tert-butyl Ether	20	21.9	ug/L	110			78	114	
	Methyl Acetate	20	20.2	ug/L	101			57	150	
	Methylene Chloride	20	20.0	ug/L	100			72	114	
	trans-1,2-Dichloroethene	20	20.0	ug/L	100			75	108	
	1,1-Dichloroethane	20	21.2	ug/L	106			78	112	
	Cyclohexane	20	19.6	ug/L	98			75	110	
	2-Butanone	100	110	ug/L	110			65	122	
	Carbon Tetrachloride	20	18.7	ug/L	94			77	113	
	cis-1,2-Dichloroethene	20	20.5	ug/L	103			77	110	
	Bromochloromethane	20	20.1	ug/L	101			70	124	
	Chloroform	20	22.1	ug/L	111			79	113	
	1,1,1-Trichloroethane	20	22.4	ug/L	112		*	80	108	
	Methylcyclohexane	20	20.5	ug/L	103			72	115	
	Benzene	20	18.9	ug/L	95			82	109	
	1,2-Dichloroethane	20	20.9	ug/L	104			80	115	
	Trichloroethene	20	21.0	ug/L	105			77	113	
	1,2-Dichloropropane	20	22.9	ug/L	115		*	83	111	
	Bromodichloromethane	20	24.0	ug/L	120		*	83	110	
	4-Methyl-2-Pentanone	100	120	ug/L	120		*	74	118	
	Toluene	20	24.6	ug/L	123		*	82	110	
	t-1,3-Dichloropropene	20	22.9	ug/L	115		*	79	110	
	cis-1,3-Dichloropropene	20	23.9	ug/L	119		*	82	110	
	1,1,2-Trichloroethane	20	25.5	ug/L	128		*	83	112	
	2-Hexanone	100	120	ug/L	120		*	73	117	
	Dibromochloromethane	20	24.9	ug/L	125		*	82	110	
	1,2-Dibromoethane	20	24.5	ug/L	123		*	81	110	
	Tetrachloroethene	20	21.3	ug/L	106			67	123	
	Chlorobenzene	20	20.9	ug/L	104			82	109	
	Ethyl Benzene	20	20.7	ug/L	104			83	109	
	m/p-Xylenes	40	42.6	ug/L	106			82	110	
	o-Xylene	20	20.3	ug/L	102			83	109	
	Styrene	20	20.6	ug/L	103			80	111	
	Bromoform	20	20.0	ug/L	100			79	109	
	Isopropylbenzene	20	23.4	ug/L	117		*	83	112	
	1,1,2,2-Tetrachloroethane	20	19.9	ug/L	100			76	118	
	1,3-Dichlorobenzene	20	21.0	ug/L	105			82	108	
	1,4-Dichlorobenzene	20	20.8	ug/L	104			82	107	
	1,2-Dichlorobenzene	20	21.8	ug/L	109			82	109	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3689 **Analytical Method:** SW8260-Low

Client: Garden State Laboratories, Inc. **Datafile :** VX048626.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX1120WBS01	1,2-Dibromo-3-Chloropropane	20	20.8	ug/L	104			68	112	
	1,2,4-Trichlorobenzene	20	20.6	ug/L	103			75	113	
	1,2,3-Trichlorobenzene	20	20.7	ug/L	104			76	114	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3689 **Analytical Method:** SW8260-Low

Client: Garden State Laboratories, Inc. **Datafile :** VX048630.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX1120WBSD01	Dichlorodifluoromethane	20	18.0	ug/L	90	16		69	116	19
	Chloromethane	20	18.6	ug/L	93	19		65	116	21
	Vinyl chloride	20	19.8	ug/L	99	15		65	117	19
	Bromomethane	20	21.5	ug/L	108	16		58	125	30
	Chloroethane	20	18.3	ug/L	92	17		56	128	20
	Trichlorofluoromethane	20	19.1	ug/L	96	13		73	115	16
	1,1,2-Trichlorotrifluoroethane	20	21.4	ug/L	107	14		80	112	20
	1,1-Dichloroethene	20	18.7	ug/L	94	17		74	110	20
	Acetone	100	110	ug/L	110	10		60	125	27
	Carbon disulfide	20	14.9	ug/L	75	14		64	112	17
	Methyl tert-butyl Ether	20	20.6	ug/L	103	7		78	114	20
	Methyl Acetate	20	20.8	ug/L	104	3		57	150	20
	Methylene Chloride	20	18.5	ug/L	93	7		72	114	20
	trans-1,2-Dichloroethene	20	17.8	ug/L	89	12		75	108	16
	1,1-Dichloroethane	20	19.0	ug/L	95	11		78	112	20
	Cyclohexane	20	19.5	ug/L	98	0		75	110	20
	2-Butanone	100	110	ug/L	110	0		65	122	26
	Carbon Tetrachloride	20	20.6	ug/L	103	9		77	113	15
	cis-1,2-Dichloroethene	20	18.7	ug/L	94	9		77	110	20
	Bromochloromethane	20	18.2	ug/L	91	10		70	124	20
	Chloroform	20	21.6	ug/L	108	3		79	113	20
	1,1,1-Trichloroethane	20	20.8	ug/L	104	7		80	108	20
	Methylcyclohexane	20	18.4	ug/L	92	11		72	115	20
	Benzene	20	20.3	ug/L	102	7		82	109	15
	1,2-Dichloroethane	20	23.0	ug/L	115	10		80	115	20
	Trichloroethene	20	19.7	ug/L	99	6		77	113	15
	1,2-Dichloropropane	20	21.9	ug/L	110	4		83	111	21
	Bromodichloromethane	20	24.0	ug/L	120	0	*	83	110	21
	4-Methyl-2-Pentanone	100	130	ug/L	130	8	*	74	118	25
	Toluene	20	22.7	ug/L	114	8	*	82	110	16
	t-1,3-Dichloropropene	20	22.6	ug/L	113	2	*	79	110	20
	cis-1,3-Dichloropropene	20	23.5	ug/L	117	2	*	82	110	16
	1,1,2-Trichloroethane	20	28.2	ug/L	141	10	*	83	112	20
	2-Hexanone	100	130	ug/L	130	8	*	73	117	25
	Dibromochloromethane	20	27.2	ug/L	136	8	*	82	110	20
	1,2-Dibromoethane	20	26.7	ug/L	134	9	*	81	110	20
	Tetrachloroethene	20	19.1	ug/L	96	10		67	123	15
	Chlorobenzene	20	19.7	ug/L	99	5		82	109	15
	Ethyl Benzene	20	19.3	ug/L	97	7		83	109	16
	m/p-Xylenes	40	38.2	ug/L	96	10		82	110	20
	o-Xylene	20	18.0	ug/L	90	13		83	109	20
	Styrene	20	18.4	ug/L	92	11		80	111	17
	Bromoform	20	18.9	ug/L	95	5		79	109	20
	Isopropylbenzene	20	20.1	ug/L	101	15		83	112	22
	1,1,2,2-Tetrachloroethane	20	21.1	ug/L	106	6		76	118	20
	1,3-Dichlorobenzene	20	20.0	ug/L	100	5		82	108	20
	1,4-Dichlorobenzene	20	19.5	ug/L	98	6		82	107	20
	1,2-Dichlorobenzene	20	20.1	ug/L	101	8		82	109	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3689 **Analytical Method:** SW8260-Low

Client: Garden State Laboratories, Inc. **Datafile :** VX048630.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX1120WBSD01	1,2-Dibromo-3-Chloropropane	20	21.1	ug/L	106	2		68	112	26
	1,2,4-Trichlorobenzene	20	18.9	ug/L	95	8		75	113	21
	1,2,3-Trichlorobenzene	20	19.6	ug/L	98	6		76	114	22

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VOLATILE METHOD BLANK SUMMARY

Client ID: VX1120WBL01

Lab Name: Alliance Contract: GARD04

Lab Code: ACE SDG NO.: Q3689

Lab File ID: VX048625.D Lab Sample ID: VX1120WBL01

Date Analyzed: 11/20/2025 Time Analyzed: 10:09

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
VX1120WBS01	VX1120WBS01	VX048626.D	11/20/2025
VX1120WBSD01	VX1120WBSD01	VX048630.D	11/20/2025
251119025-03 Trip blank	Q3689-02	VX048632.D	11/20/2025
251119071-01 VOA	Q3689-01	VX048634.D	11/20/2025
251119071-01 VOADL	Q3689-01DL	VX048636.D	11/20/2025

COMMENTS:

Raw Data: **VX048515.D**

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: GARD04
Lab Code: ACE
SDG NO.: Q3689
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: **VX048622.D**

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: GARD04
Lab Code: ACE
SDG NO.: Q3689
Lab File ID: VX048622.D
BFB Injection Date: 11/20/2025
Instrument ID: MSVOA_X
BFB Injection Time: 08:17
GC Column: DB-624UI ID: 0.18 (mm)
Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	19.4
75	30.0 - 60.0% of mass 95	51.9
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.4
173	Less than 2.0% of mass 174	0.7 (0.9) 1
174	50.0 - 100.0% of mass 95	78.3
175	5.0 - 9.0% of mass 174	5.7 (7.3) 1
176	95.0 - 101.0% of mass 174	75.5 (96.4) 1
177	5.0 - 9.0% of mass 176	4.9 (6.5) 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	VX048623.D	11/20/2025	08:51
VX1120WBL01	VX1120WBL01	VX048625.D	11/20/2025	10:09
VX1120WBS01	VX1120WBS01	VX048626.D	11/20/2025	11:04
VX1120WBSD01	VX1120WBSD01	VX048630.D	11/20/2025	12:26
251119025-03 Trip blank	Q3689-02	VX048632.D	11/20/2025	13:07
251119071-01 VOA	Q3689-01	VX048634.D	11/20/2025	13:48
251119071-01 VOADL	Q3689-01DL	VX048636.D	11/20/2025	14:55

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: GARD04

Lab Code: ACE SDG NO.: Q3689

Lab File ID: VX048623.D Date Analyzed: 11/20/2025

Instrument ID: MSVOA_X Time Analyzed: 08:51

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

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	211731	5.53	335676	6.74	273725	10.04
UPPER LIMIT	423462	6.031	671352	7.239	547450	10.537
LOWER LIMIT	105866	5.031	167838	6.239	136863	9.537
EPA SAMPLE NO.						
251119071-01 VOA	145970	5.54	299621	6.75	324019	10.04
251119071-01 VOADL	150914	5.53	294745	6.74	325996	10.04
251119025-03 Trip blank	189254	5.54	351085	6.74	371633	10.04
VX1120WBL01	207888	5.53	414763	6.74	430841	10.04
VX1120WBS01	155446	5.54	289262	6.75	268755	10.04
VX1120WBSD01	148065	5.54	231664	6.75	231942	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: GARD04

Lab Code: ACE SDG NO.: Q3689

Lab File ID: VX048623.D Date Analyzed: 11/20/2025

Instrument ID: MSVOA_X Time Analyzed: 08:51

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

	IS4 AREA #	RT #				
12 HOUR STD	140728	12.006				
UPPER LIMIT	281456	12.506				
LOWER LIMIT	70364	11.506				
EPA SAMPLE NO.						
251119071-01 VOA	179606	12.01				
251119071-01 VOADL	176431	12.01				
251119025-03 Trip blank	196397	12.01				
VX1120WBL01	223366	12.01				
VX1120WBS01	116936	12.01				
VX1120WBSD01	109343	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: **VX048634.D**

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

Report of Analysis

Client:	Garden State Laboratories, Inc.	Date Collected:	11/19/25
Project:	Waste Water 2025	Date Received:	11/20/25
Client Sample ID:	251119071-01 VOA	SDG No.:	Q3689
Lab Sample ID:	Q3689-01	Matrix:	Water
Analytical Method:	8260D	Level: LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOCMS Group2

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	11/20/25 13:48	VX112025
74-87-3	Chloromethane	0.32	U	1	0.32	1.00	ug/L	11/20/25 13:48	VX112025
75-01-4	Vinyl Chloride	0.48	J	1	0.26	1.00	ug/L	11/20/25 13:48	VX112025
74-83-9	Bromomethane	1.40	UQ	1	1.40	5.00	ug/L	11/20/25 13:48	VX112025
75-00-3	Chloroethane	0.47	U	1	0.47	1.00	ug/L	11/20/25 13:48	VX112025
75-69-4	Trichlorofluoromethane	0.33	U	1	0.33	1.00	ug/L	11/20/25 13:48	VX112025
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	UQ	1	0.25	1.00	ug/L	11/20/25 13:48	VX112025
75-35-4	1,1-Dichloroethene	0.23	UQ	1	0.23	1.00	ug/L	11/20/25 13:48	VX112025
67-64-1	Acetone	960	E	1	1.50	5.00	ug/L	11/20/25 13:48	VX112025
75-15-0	Carbon Disulfide	0.21	U	1	0.21	1.00	ug/L	11/20/25 13:48	VX112025
1634-04-4	Methyl tert-butyl Ether	0.16	U	1	0.16	1.00	ug/L	11/20/25 13:48	VX112025
79-20-9	Methyl Acetate	2.60		1	0.27	1.00	ug/L	11/20/25 13:48	VX112025
75-09-2	Methylene Chloride	0.28	U	1	0.28	1.00	ug/L	11/20/25 13:48	VX112025
156-60-5	trans-1,2-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/20/25 13:48	VX112025
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	11/20/25 13:48	VX112025
110-82-7	Cyclohexane	1.50	U	1	1.50	5.00	ug/L	11/20/25 13:48	VX112025
78-93-3	2-Butanone	0.98	U	1	0.98	5.00	ug/L	11/20/25 13:48	VX112025
56-23-5	Carbon Tetrachloride	0.25	U	1	0.25	1.00	ug/L	11/20/25 13:48	VX112025
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	11/20/25 13:48	VX112025
74-97-5	Bromochloromethane	0.22	U	1	0.22	1.00	ug/L	11/20/25 13:48	VX112025
67-66-3	Chloroform	0.25	U	1	0.25	1.00	ug/L	11/20/25 13:48	VX112025
71-55-6	1,1,1-Trichloroethane	0.20	UQ	1	0.20	1.00	ug/L	11/20/25 13:48	VX112025
108-87-2	Methylcyclohexane	0.16	U	1	0.16	1.00	ug/L	11/20/25 13:48	VX112025
71-43-2	Benzene	3.70		1	0.15	1.00	ug/L	11/20/25 13:48	VX112025
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	11/20/25 13:48	VX112025
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	11/20/25 13:48	VX112025
78-87-5	1,2-Dichloropropane	0.20	UQ	1	0.20	1.00	ug/L	11/20/25 13:48	VX112025
75-27-4	Bromodichloromethane	0.22	UQ	1	0.22	1.00	ug/L	11/20/25 13:48	VX112025
108-10-1	4-Methyl-2-Pentanone	14.1	Q	1	0.68	5.00	ug/L	11/20/25 13:48	VX112025
108-88-3	Toluene	21.2	Q	1	0.14	1.00	ug/L	11/20/25 13:48	VX112025
10061-02-6	t-1,3-Dichloropropene	0.17	UQ	1	0.17	1.00	ug/L	11/20/25 13:48	VX112025
10061-01-5	cis-1,3-Dichloropropene	0.16	UQ	1	0.16	1.00	ug/L	11/20/25 13:48	VX112025
79-00-5	1,1,2-Trichloroethane	0.21	UQ	1	0.21	1.00	ug/L	11/20/25 13:48	VX112025
591-78-6	2-Hexanone	3.40	JQ	1	0.89	5.00	ug/L	11/20/25 13:48	VX112025
124-48-1	Dibromochloromethane	0.18	UQ	1	0.18	1.00	ug/L	11/20/25 13:48	VX112025
106-93-4	1,2-Dibromoethane	0.15	UQ	1	0.15	1.00	ug/L	11/20/25 13:48	VX112025
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	11/20/25 13:48	VX112025
108-90-7	Chlorobenzene	1.60		1	0.12	1.00	ug/L	11/20/25 13:48	VX112025
100-41-4	Ethyl Benzene	8.30		1	0.13	1.00	ug/L	11/20/25 13:48	VX112025
179601-23-1	m/p-Xylenes	8.50		1	0.24	2.00	ug/L	11/20/25 13:48	VX112025
95-47-6	o-Xylene	4.70		1	0.12	1.00	ug/L	11/20/25 13:48	VX112025
100-42-5	Styrene	0.15	U	1	0.15	1.00	ug/L	11/20/25 13:48	VX112025
75-25-2	Bromoform	0.19	U	1	0.19	1.00	ug/L	11/20/25 13:48	VX112025

Raw Data: **VX048634.D**

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

Report of Analysis

Client:	Garden State Laboratories, Inc.	Date Collected:	11/19/25
Project:	Waste Water 2025	Date Received:	11/20/25
Client Sample ID:	251119071-01 VOA	SDG No.:	Q3689
Lab Sample ID:	Q3689-01	Matrix:	Water
Analytical Method:	8260D Level: LOW	% Solid:	0
Sample Wt/Vol:	5 mL Final Vol: 5000 uL	Test:	VOCMS Group2

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	1.10	Q	1	0.12	1.00	ug/L	11/20/25 13:48	VX112025
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	1	0.26	1.00	ug/L	11/20/25 13:48	VX112025
541-73-1	1,3-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	11/20/25 13:48	VX112025
106-46-7	1,4-Dichlorobenzene	2.70		1	0.19	1.00	ug/L	11/20/25 13:48	VX112025
95-50-1	1,2-Dichlorobenzene	0.21	J	1	0.16	1.00	ug/L	11/20/25 13:48	VX112025
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	1	0.53	1.00	ug/L	11/20/25 13:48	VX112025
120-82-1	1,2,4-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	11/20/25 13:48	VX112025
87-61-6	1,2,3-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	11/20/25 13:48	VX112025
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	58.6			74 - 125	117%	SPK: 50		
1868-53-7	Dibromofluoromethane	42.8			75 - 124	86%	SPK: 50		
2037-26-5	Toluene-d8	49.4			86 - 113	99%	SPK: 50		
460-00-4	4-Bromofluorobenzene	60.2			77 - 121	120%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	146000							
540-36-3	1,4-Difluorobenzene	300000							
3114-55-4	Chlorobenzene-d5	324000							
3855-82-1	1,4-Dichlorobenzene-d4	180000							
TENTATIVE IDENTIFIED COMPOUNDS									
60-29-7	Diethyl Ether	6.00	J			2.14	ug/L		
75-65-0	Tert butyl alcohol	9200	J			2.93	ug/L		
109-99-9	Tetrahydrofuran	790	J			4.98	ug/L		
000107-87-9	2-Pentanone	13.7	J			7.44	ug/L		
000565-80-0	3-Pentanone, 2,4-dimethyl-	14.2	J			9.36	ug/L		
103-65-1	n-propylbenzene	0.41	J			11.3	ug/L		
108-67-8	1,3,5-Trimethylbenzene	0.76	J			11.4	ug/L		
95-63-6	1,2,4-Trimethylbenzene	3.00	J			11.7	ug/L		
99-87-6	p-Isopropyltoluene	6.70	J			12.0	ug/L		
000470-82-6	Eucalyptol	15.3	J			12.1	ug/L		
001195-79-5	Fenchone	63.2	J			12.9	ug/L		
000464-49-3	(+)-2-Bornanone	120	J			13.5	ug/L		
91-20-3	Naphthalene	23.0	J			13.8	ug/L		

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\VX112025\
Data File : VX048634.D
Acq On : 20 Nov 2025 13:48
Operator : JC/MD
Sample : Q3689-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
251119071-01 VOA

Quant Time: Nov 21 00:32:36 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

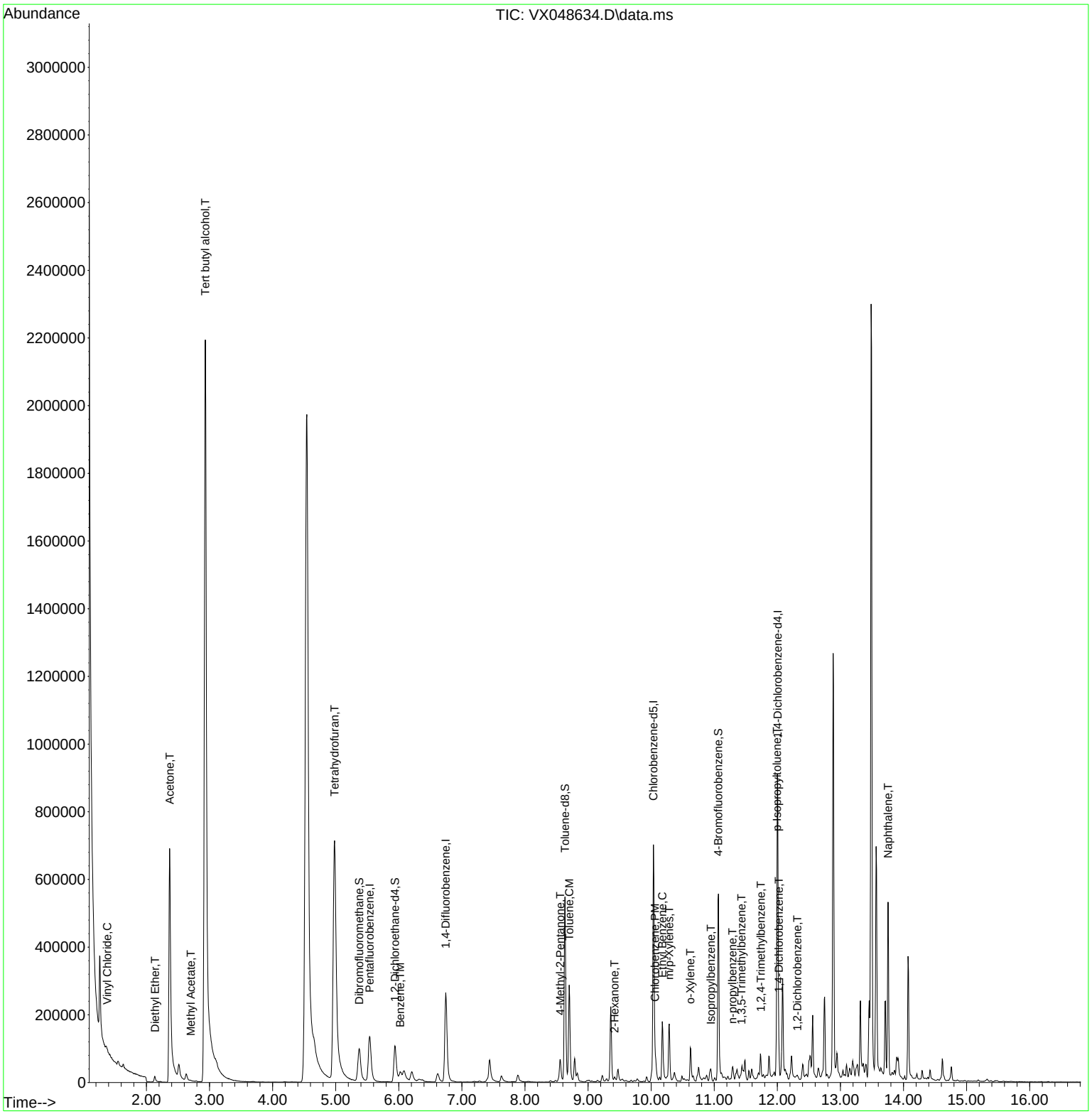
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.538	168	145970	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	299621	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	324019	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	179606	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	119166	58.588	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 117.180%#			
35) Dibromofluoromethane	5.373	113	97166	42.847	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 85.700%			
50) Toluene-d8	8.635	98	349735	49.449	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.900%			
62) 4-Bromofluorobenzene	11.061	95	158629	60.184	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 120.360%			
Target Compounds						Qvalue
4) Vinyl Chloride	1.380	62	849	0.478	ug/l	94
8) Diethyl Ether	2.136	74	6716	5.954	ug/l	91
11) Tert butyl alcohol	2.934	59	3537047	9177.250	ug/l	98
16) Acetone	2.367	43	927719	963.573	ug/l	99
18) Methyl Acetate	2.703	43	6764m	2.556	ug/l	
29) Tetrahydrofuran	4.983	42	801784	789.292	ug/l	97
40) Benzene	6.019	78	34386	3.653	ug/l	99
51) 4-Methyl-2-Pentanone	8.561	43	48181	14.087	ug/l	94
52) Toluene	8.702	92	105006	21.189	ug/l	99
59) 2-Hexanone	9.421	43	8601	3.381	ug/l	77
65) Chlorobenzene	10.061	112	12374	1.609	ug/l	92
67) Ethyl Benzene	10.177	91	107359	8.313	ug/l	98
68) m/p-Xylenes	10.287	106	41276	8.486	ug/l	98
69) o-Xylene	10.622	106	22322	4.691	ug/l	92
73) Isopropylbenzene	10.945	105	14863	1.140	ug/l	98
78) n-propylbenzene	11.287	91	6279	0.410	ug/l	96
80) 1,3,5-Trimethylbenzene	11.433	105	8034	0.756	ug/l	98
84) 1,2,4-Trimethylbenzene	11.738	105	32141	2.997	ug/l	98
86) p-Isopropyltoluene	11.994	119	76643	6.710	ug/l	98
88) 1,4-Dichlorobenzene	12.024	146	17744	2.723	ug/l	89
91) 1,2-Dichlorobenzene	12.317	146	1299	0.214	ug/l #	74
95) Naphthalene	13.756	128	298000	23.028	ug/l	100

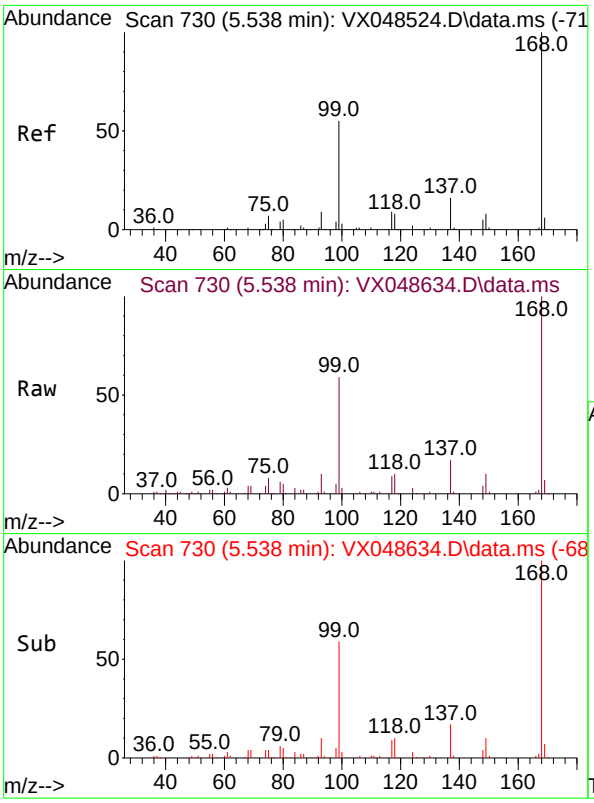
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112025\
Data File : VX048634.D
Acq On : 20 Nov 2025 13:48
Operator : JC/MD
Sample : Q3689-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
251119071-01 VOA

Quant Time: Nov 21 00:32:36 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



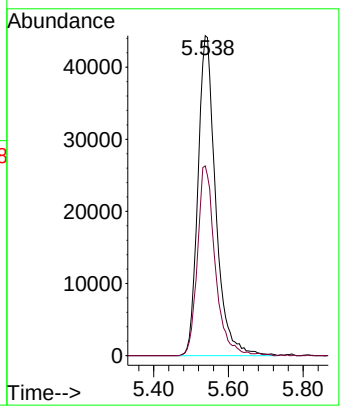


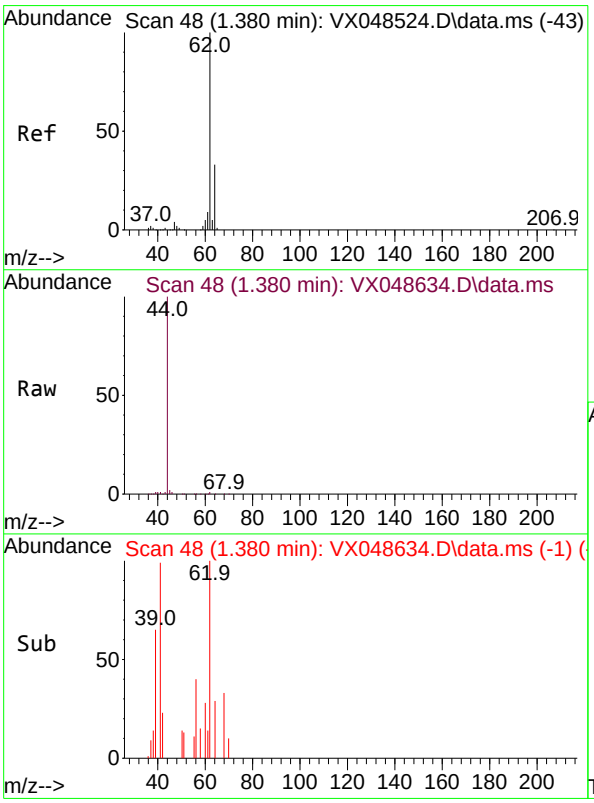
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048634.D
Acq: 20 Nov 2025 13:48

Instrument :
MSVOA_X
ClientSampleId :
251119071-01 VOA

Tgt Ion:168 Resp: 145970

Ion	Ratio	Lower	Upper
168	100		
99	59.3	45.2	67.8

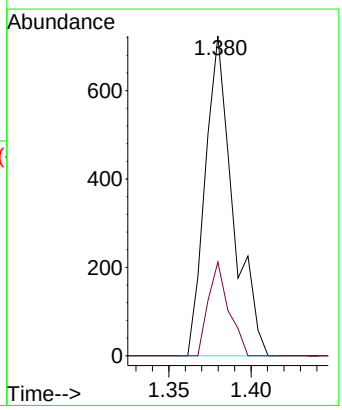


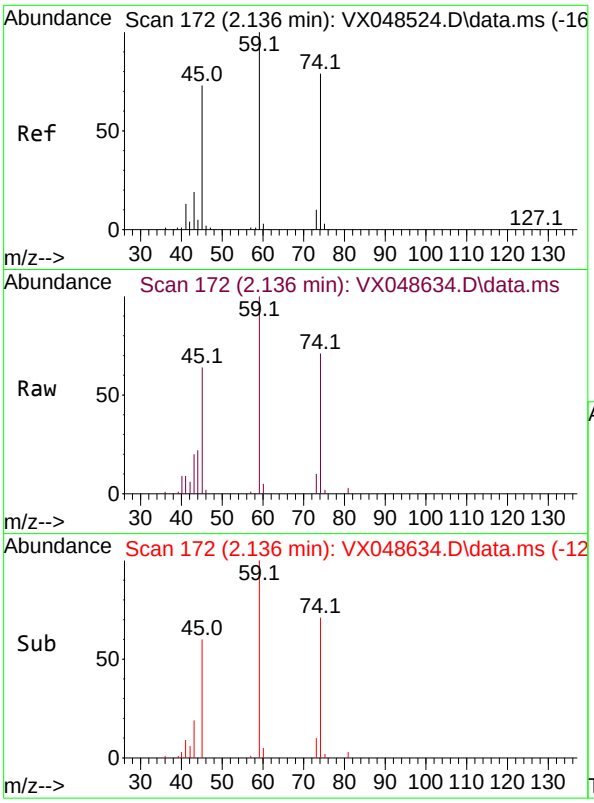


#4
Vinyl Chloride
Concen: 0.478 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048634.D
Acq: 20 Nov 2025 13:48

Tgt Ion: 62 Resp: 849

Ion	Ratio	Lower	Upper
62	100		
64	29.3	26.2	39.4



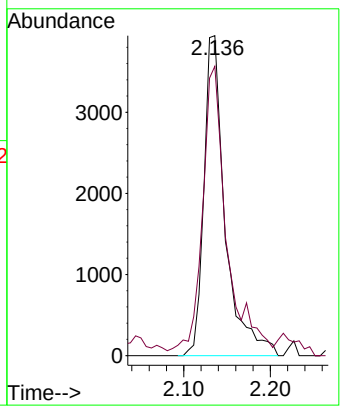


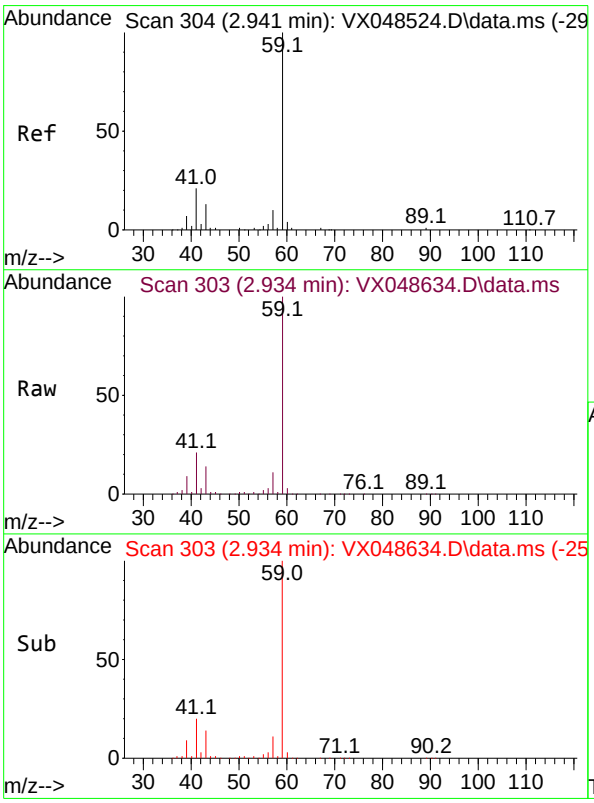
#8
Diethyl Ether
Concen: 5.954 ug/l
RT: 2.136 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048634.D
Acq: 20 Nov 2025 13:48

Instrument :
MSVOA_X
ClientSampleId :
251119071-01 VOA

Tgt Ion: 74 Resp: 6716

Ion	Ratio	Lower	Upper
74	100		
45	99.9	45.9	137.6

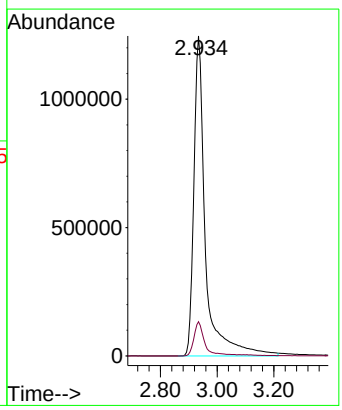


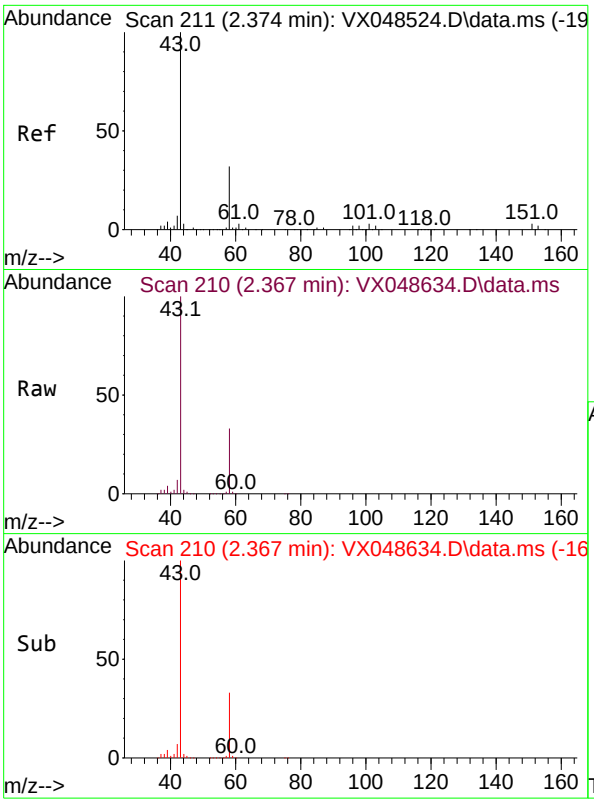


#11
Tert butyl alcohol
Concen: 9177.250 ug/l
RT: 2.934 min Scan# 303
Delta R.T. -0.006 min
Lab File: VX048634.D
Acq: 20 Nov 2025 13:48

Tgt Ion: 59 Resp: 3537047

Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.6	13.0



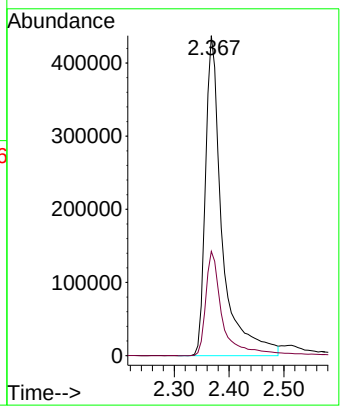


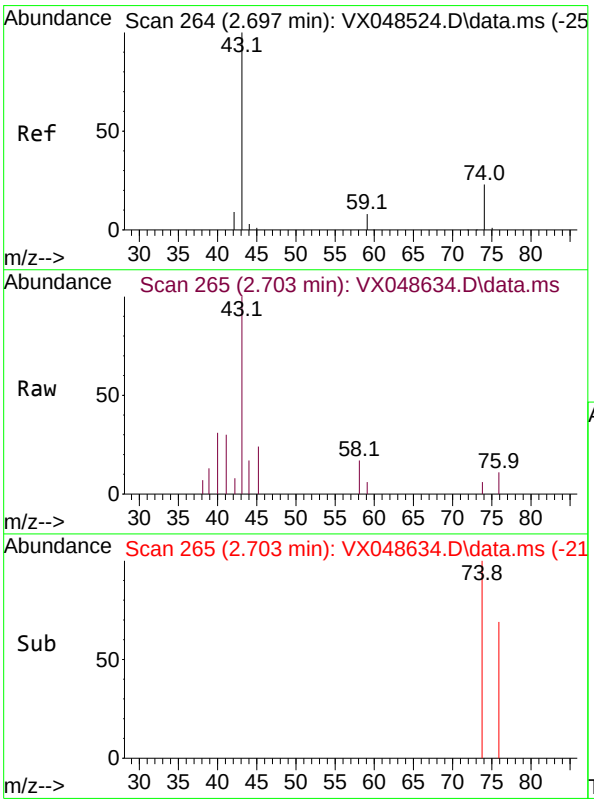
#16
Acetone
Concen: 963.573 ug/l
RT: 2.367 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX048634.D
Acq: 20 Nov 2025 13:48

Instrument :
MSVOA_X
ClientSampleId :
251119071-01 VOA

Tgt Ion: 43 Resp: 927719

Ion	Ratio	Lower	Upper
43	100		
58	32.6	25.8	38.6

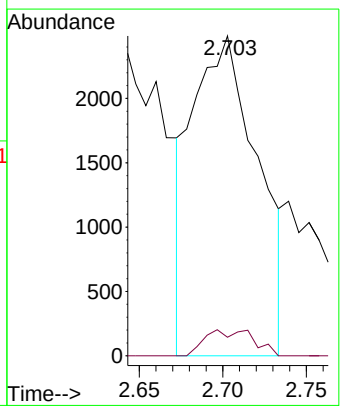


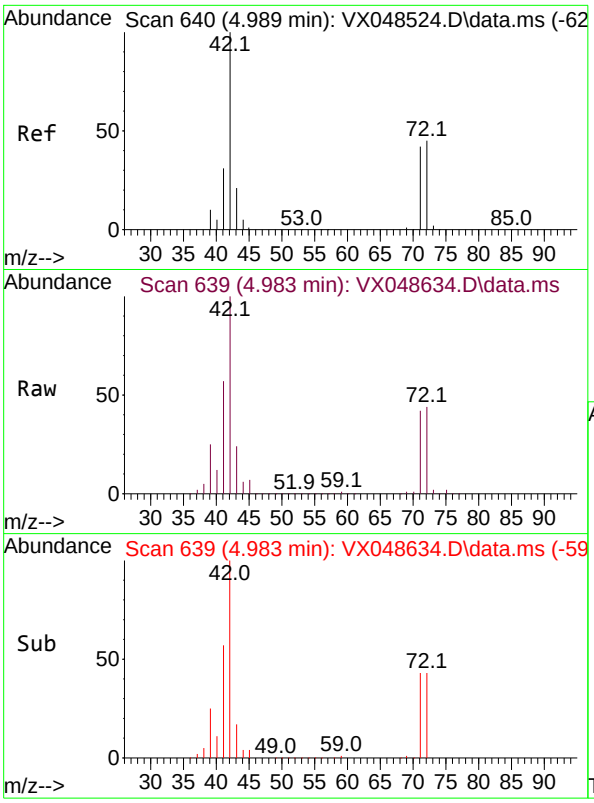


#18
Methyl Acetate
Concen: 2.556 ug/l m
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX048634.D
Acq: 20 Nov 2025 13:48

Tgt Ion: 43 Resp: 6764

Ion	Ratio	Lower	Upper
43	100		
74	0.0	19.1	28.7#



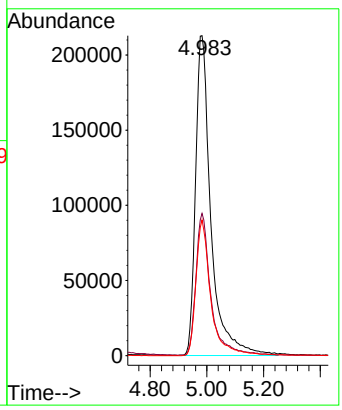


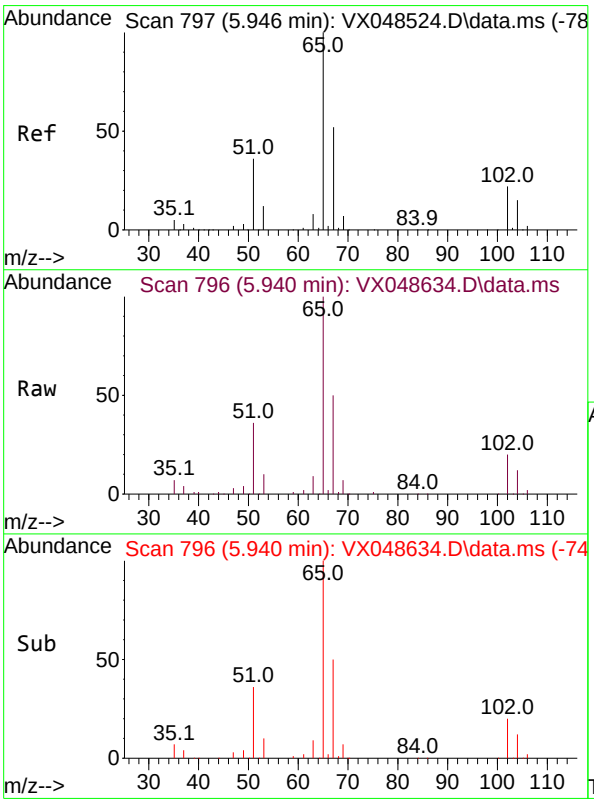
#29
Tetrahydrofuran
Concen: 789.292 ug/l
RT: 4.983 min Scan# 6
Delta R.T. -0.006 min
Lab File: VX048634.D
Acq: 20 Nov 2025 13:48

Instrument :
MSVOA_X
ClientSampleId :
251119071-01 VOA

Tgt Ion: 42 Resp: 801784

Ion	Ratio	Lower	Upper
42	100		
72	43.0	36.3	54.5
71	41.1	34.1	51.1

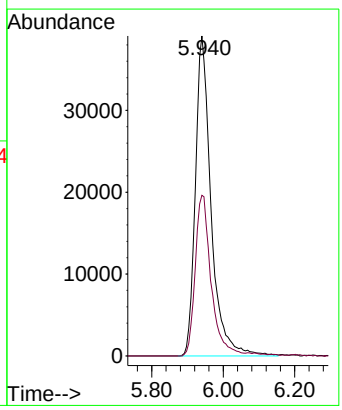


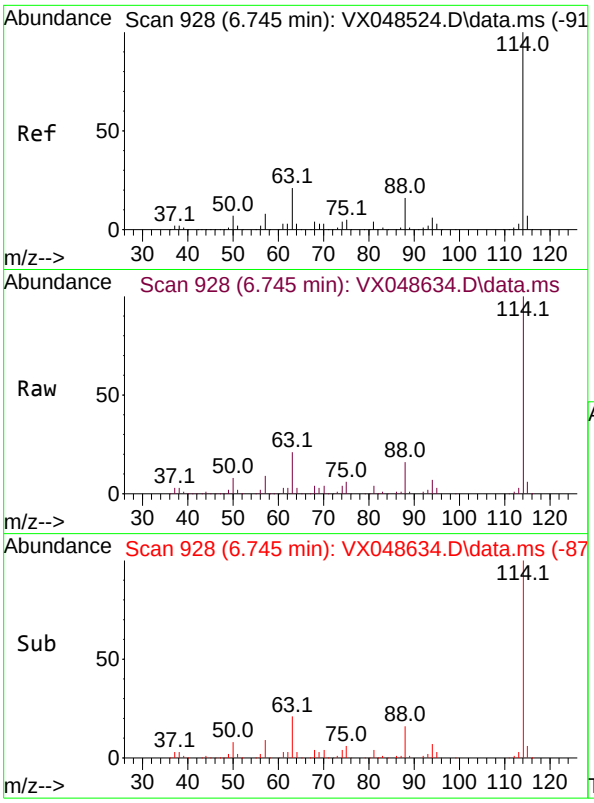


#33
1,2-Dichloroethane-d4
Concen: 58.588 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.006 min
Lab File: VX048634.D
Acq: 20 Nov 2025 13:48

Tgt Ion: 65 Resp: 119166

Ion	Ratio	Lower	Upper
65	100		
67	50.9	0.0	106.2



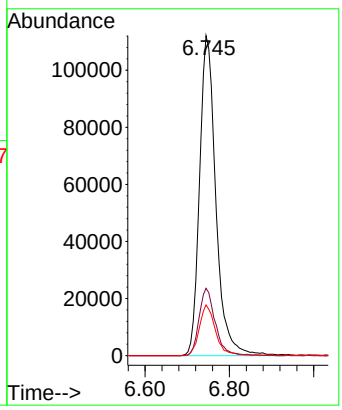


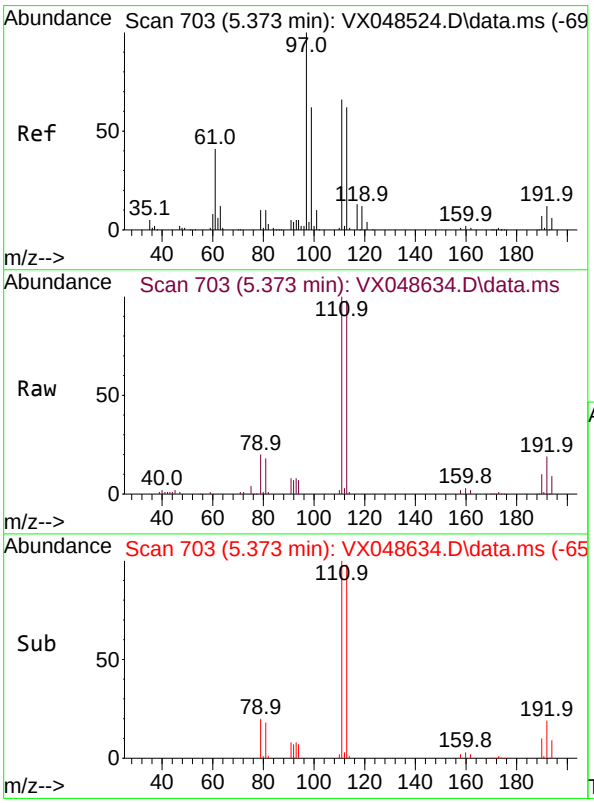
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX048634.D
Acq: 20 Nov 2025 13:48

Instrument :
MSVOA_X
ClientSampleId :
251119071-01 VOA

Tgt Ion:114 Resp: 299621

Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	41.2
88	15.8	0.0	32.2

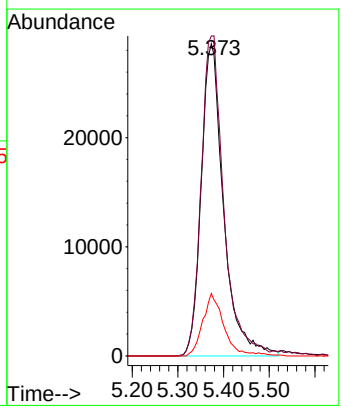


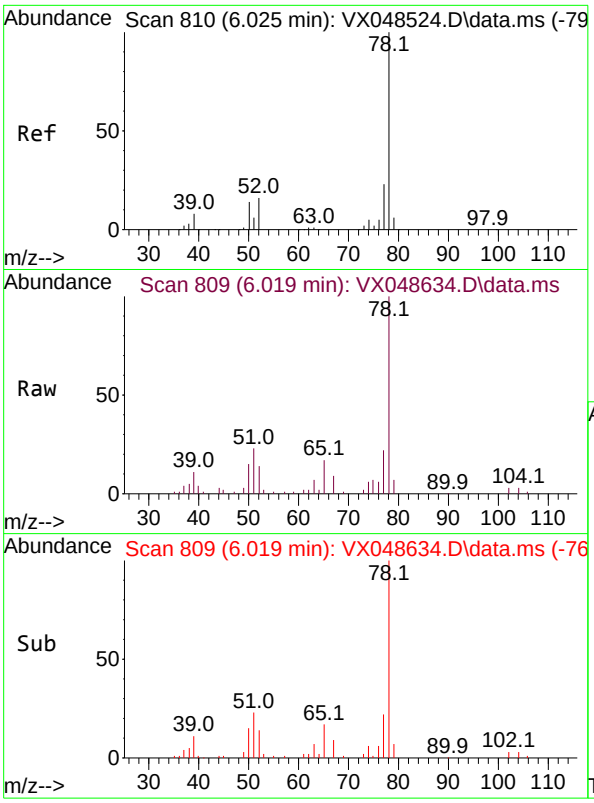


#35
Dibromofluoromethane
Concen: 42.847 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048634.D
Acq: 20 Nov 2025 13:48

Tgt Ion:113 Resp: 97166

Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.9	122.9
192	18.5	15.8	23.6



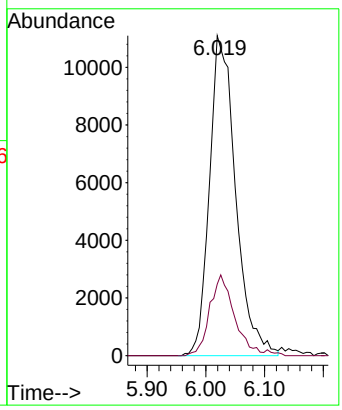


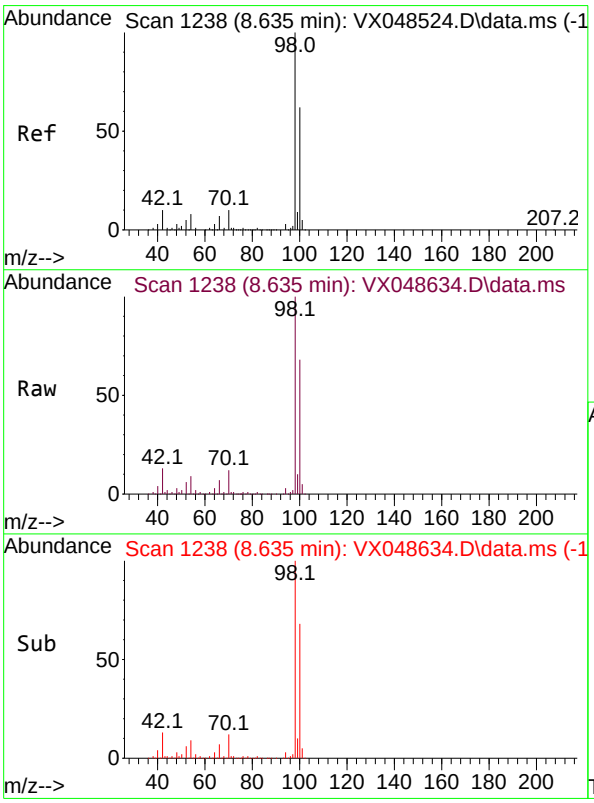
#40
Benzene
Concen: 3.653 ug/l
RT: 6.019 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX048634.D
Acq: 20 Nov 2025 13:48

Instrument :
MSVOA_X
ClientSampleId :
251119071-01 VOA

Tgt Ion: 78 Resp: 34386

Ion	Ratio	Lower	Upper
78	100		
77	22.3	18.3	27.5

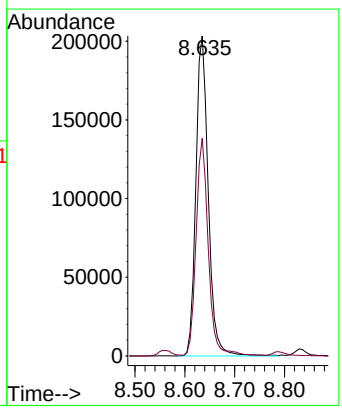


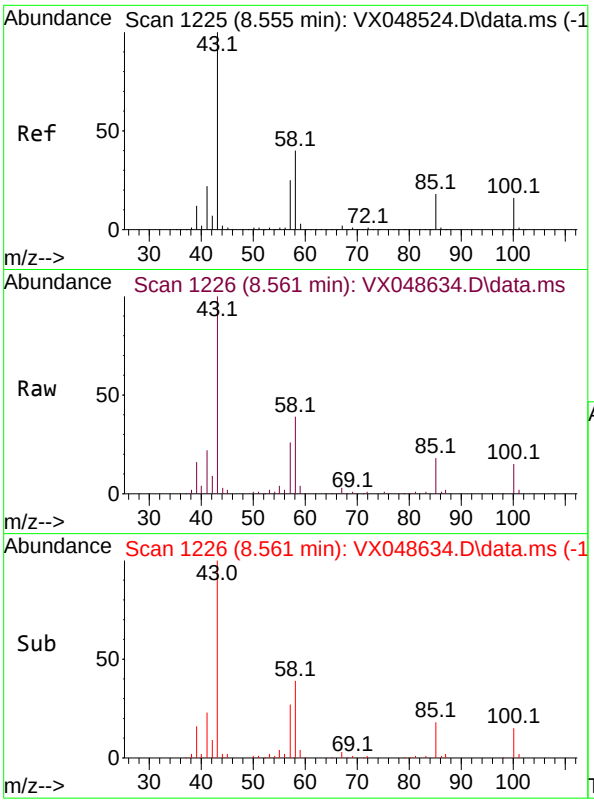


#50
Toluene-d8
Concen: 49.449 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048634.D
Acq: 20 Nov 2025 13:48

Tgt Ion: 98 Resp: 349735

Ion	Ratio	Lower	Upper
98	100		
100	67.3	53.6	80.4



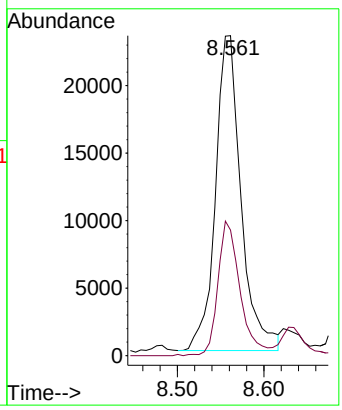


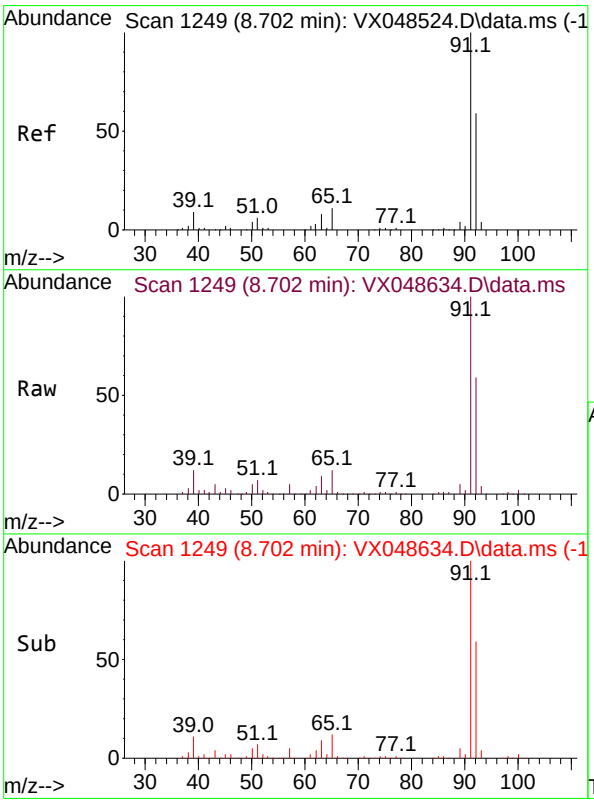
#51
4-Methyl-2-Pentanone
Concen: 14.087 ug/l
RT: 8.561 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048634.D
Acq: 20 Nov 2025 13:48

Instrument :
MSVOA_X
ClientSampleId :
251119071-01 VOA

Tgt Ion: 43 Resp: 48181

Ion	Ratio	Lower	Upper
43	100		
58	36.8	32.3	48.5

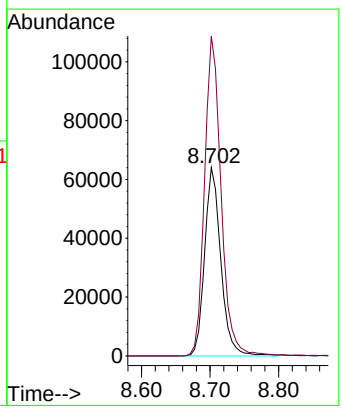


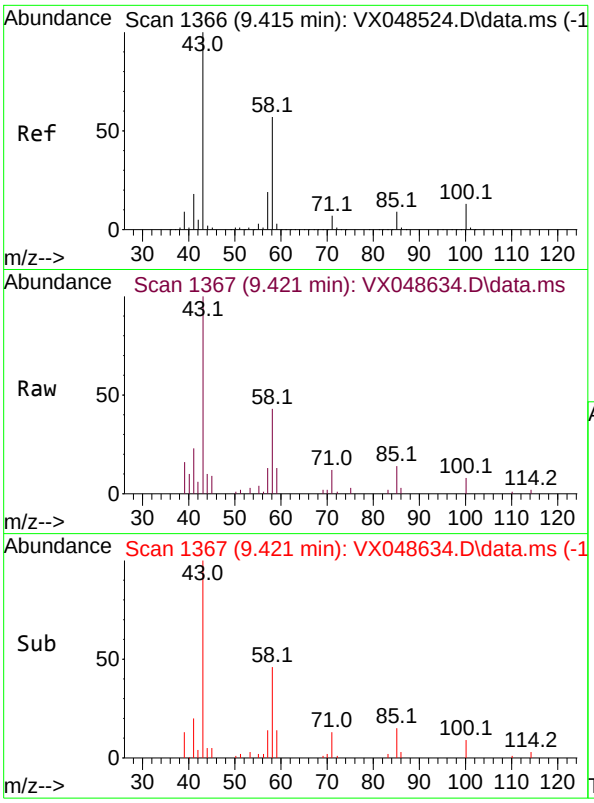


#52
Toluene
Concen: 21.189 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048634.D
Acq: 20 Nov 2025 13:48

Tgt Ion: 92 Resp: 105006

Ion	Ratio	Lower	Upper
92	100		
91	173.3	137.0	205.6



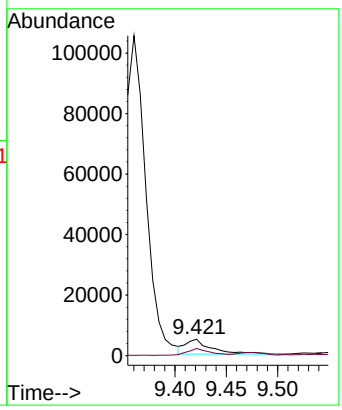


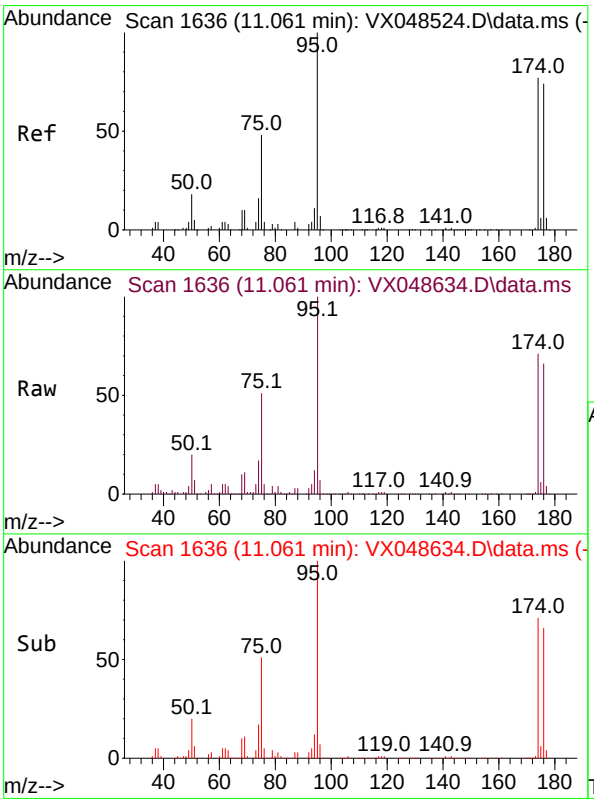
#59
2-Hexanone
Concen: 3.381 ug/l
RT: 9.421 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048634.D
Acq: 20 Nov 2025 13:48

Instrument :
MSVOA_X
ClientSampleId :
251119071-01 VOA

Tgt Ion: 43 Resp: 8601

Ion	Ratio	Lower	Upper
43	100		
58	39.5	28.1	84.2

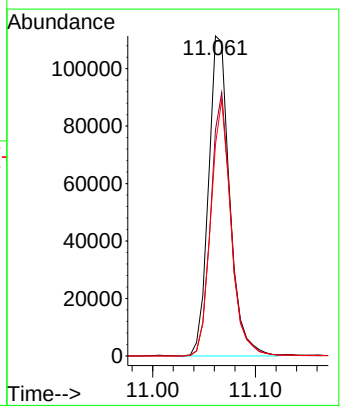


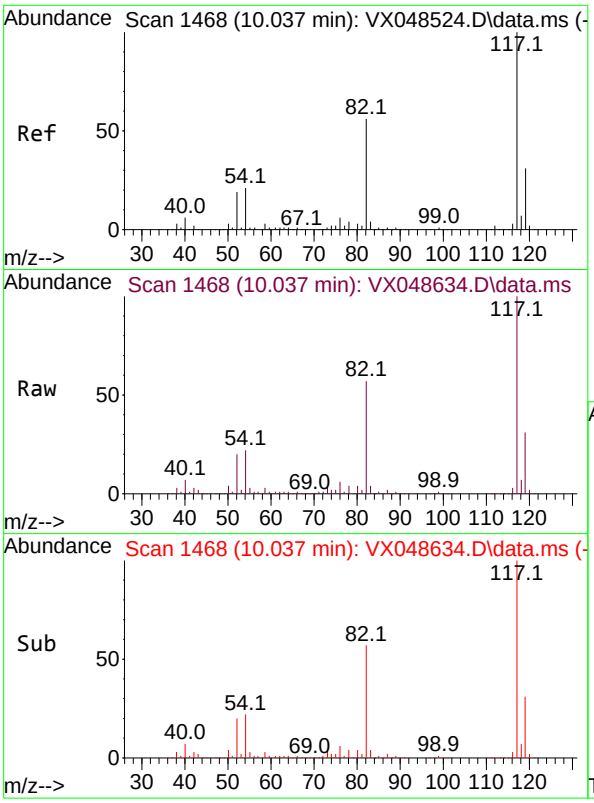


#62
4-Bromofluorobenzene
Concen: 60.184 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048634.D
Acq: 20 Nov 2025 13:48

Tgt Ion: 95 Resp: 158629

Ion	Ratio	Lower	Upper
95	100		
174	79.3	0.0	161.8
176	76.7	0.0	153.6



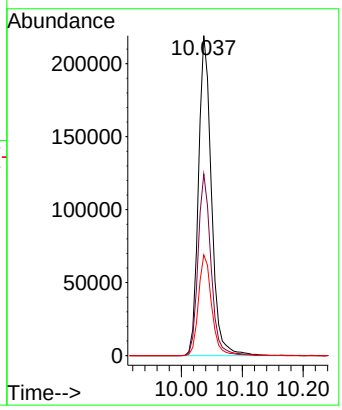


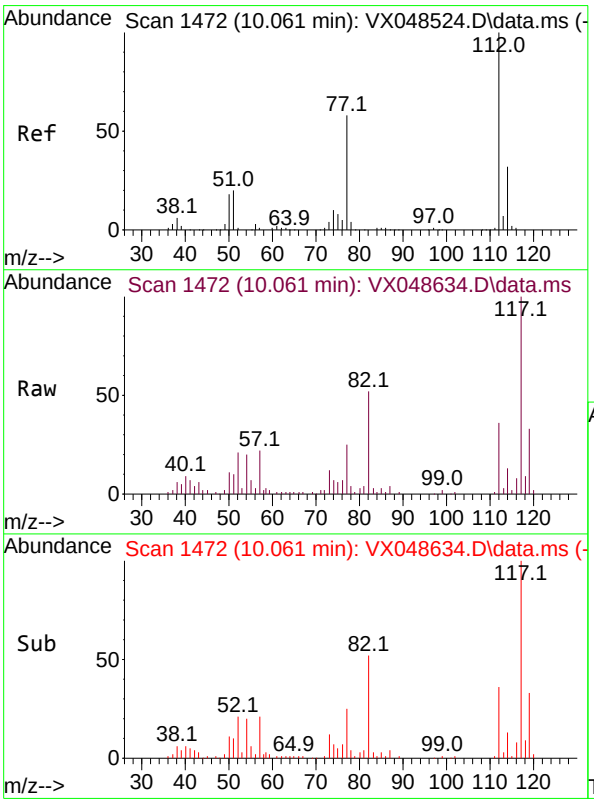
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048634.D
Acq: 20 Nov 2025 13:48

Instrument :
MSVOA_X
ClientSampleId :
251119071-01 VOA

Tgt Ion:117 Resp: 324019

Ion	Ratio	Lower	Upper
117	100		
82	56.8	44.4	66.6
119	31.5	25.1	37.7

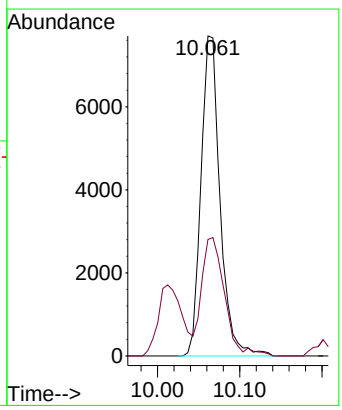


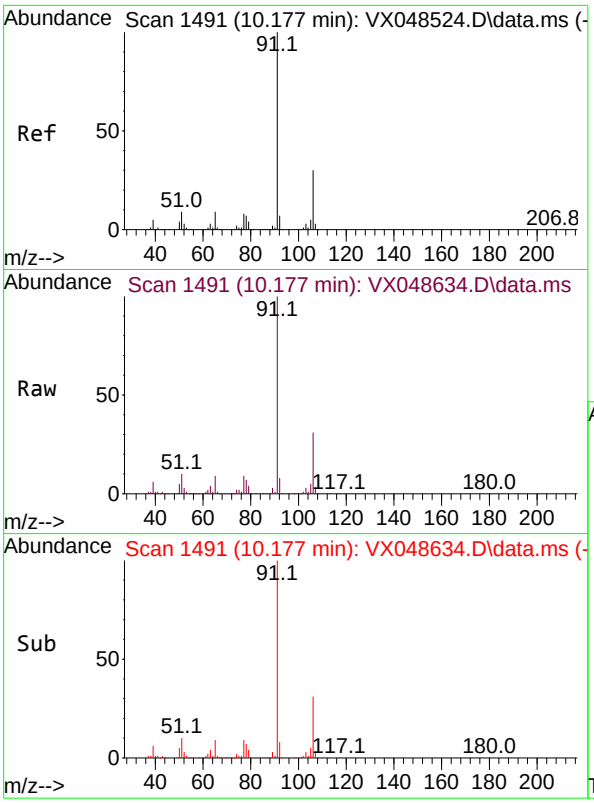


#65
Chlorobenzene
Concen: 1.609 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX048634.D
Acq: 20 Nov 2025 13:48

Tgt Ion:112 Resp: 12374

Ion	Ratio	Lower	Upper
112	100		
114	36.4	25.5	38.3



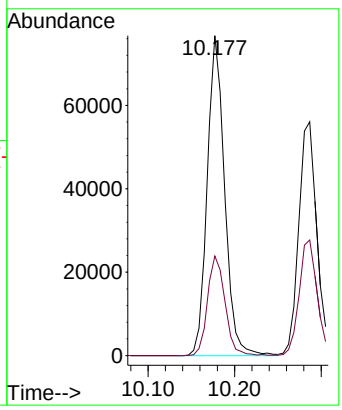


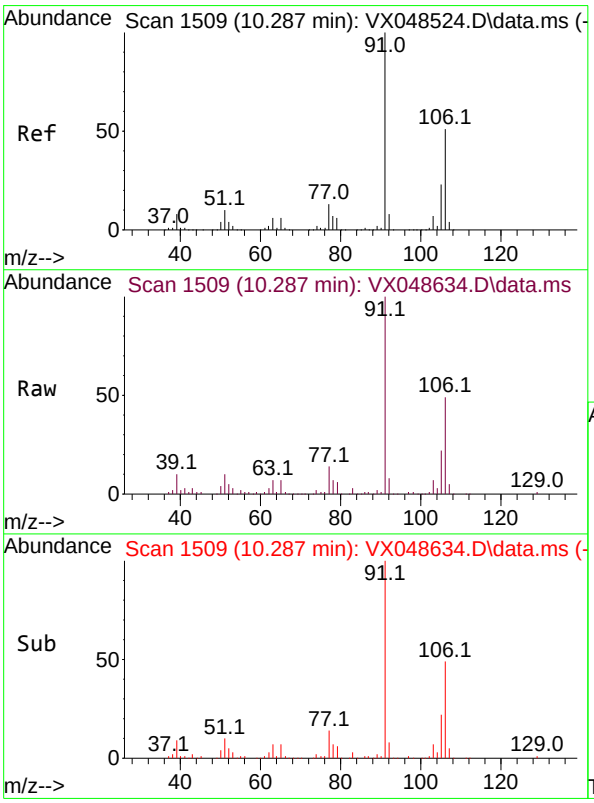
#67
Ethyl Benzene
Concen: 8.313 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048634.D
Acq: 20 Nov 2025 13:48

Instrument :
MSVOA_X
ClientSampleId :
251119071-01 VOA

Tgt Ion: 91 Resp: 107359

Ion	Ratio	Lower	Upper
91	100		
106	31.1	24.1	36.1

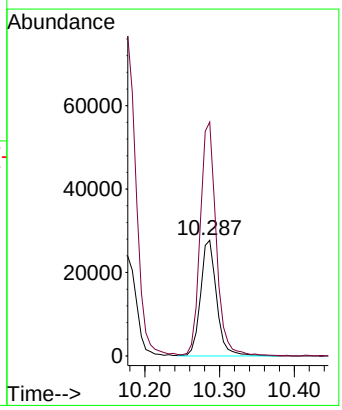


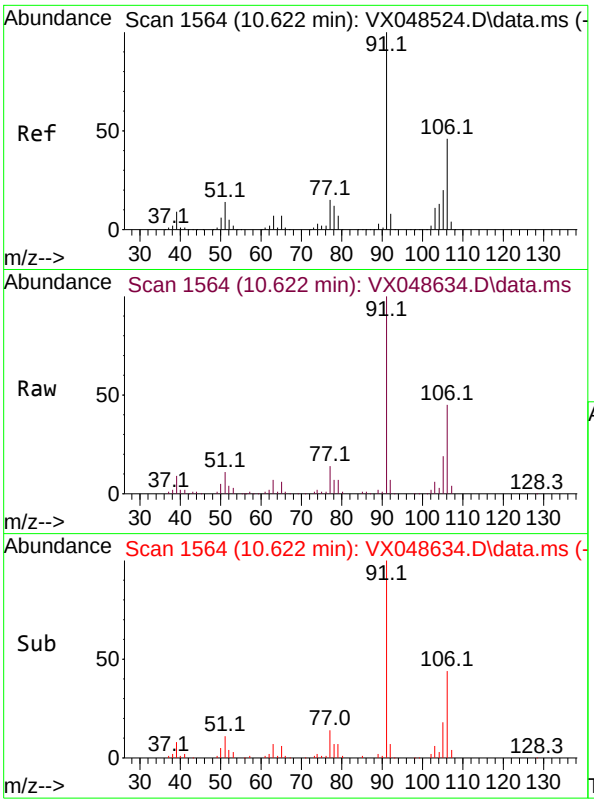


#68
m/p-Xylenes
Concen: 8.486 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX048634.D
Acq: 20 Nov 2025 13:48

Tgt Ion:106 Resp: 41276

Ion	Ratio	Lower	Upper
106	100		
91	202.5	159.6	239.4



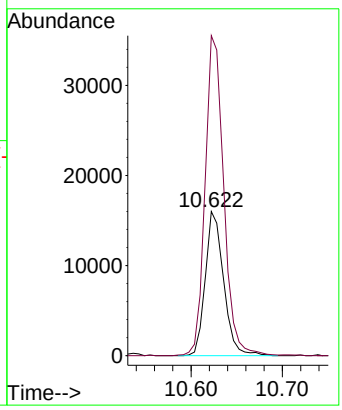


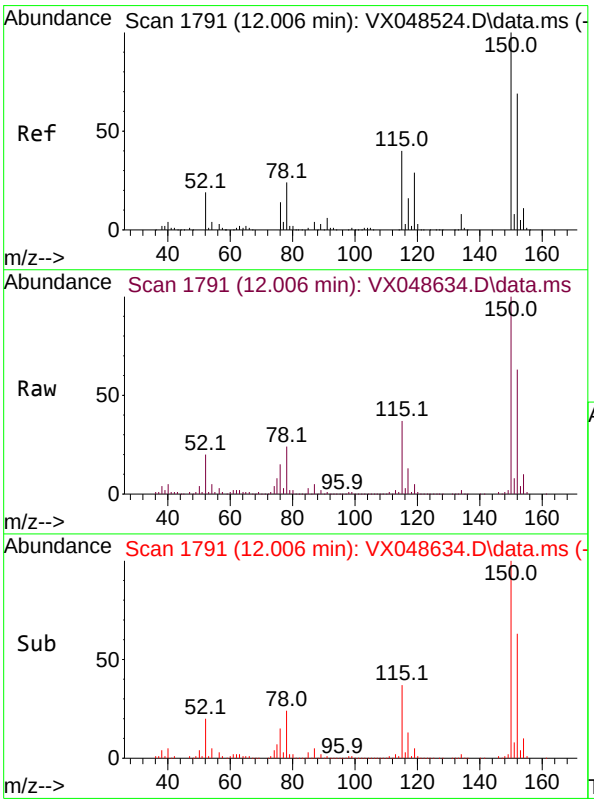
#69
o-Xylene
Concen: 4.691 ug/l
RT: 10.622 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048634.D
Acq: 20 Nov 2025 13:48

Instrument :
MSVOA_X
ClientSampleId :
251119071-01 VOA

Tgt Ion:106 Resp: 22322

Ion	Ratio	Lower	Upper
106	100		
91	225.5	106.4	319.2

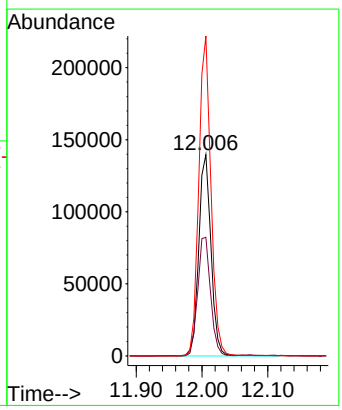


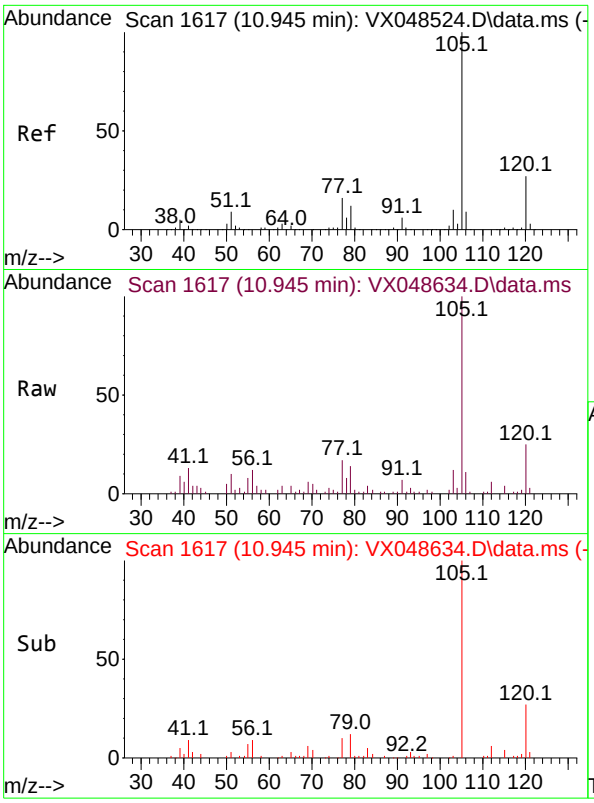


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048634.D
Acq: 20 Nov 2025 13:48

Tgt Ion:152 Resp: 179606

Ion	Ratio	Lower	Upper
152	100		
115	62.7	39.2	117.6
150	158.7	0.0	347.0



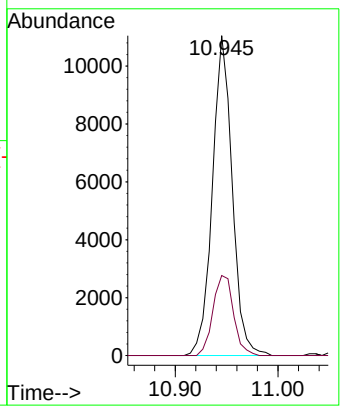


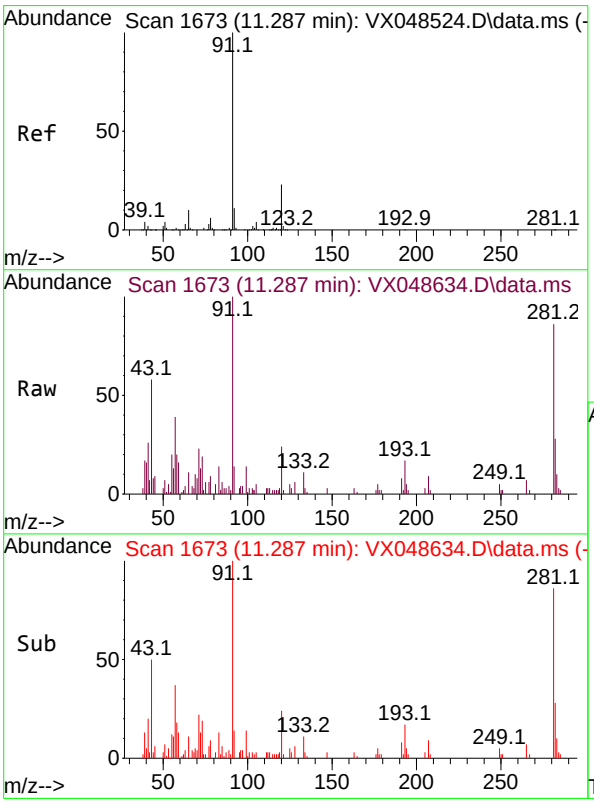
#73
Isopropylbenzene
Concen: 1.140 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048634.D
Acq: 20 Nov 2025 13:48

Instrument :
MSVOA_X
ClientSampleId :
251119071-01 VOA

Tgt Ion:105 Resp: 14863

Ion	Ratio	Lower	Upper
105	100		
120	26.0	13.6	40.7

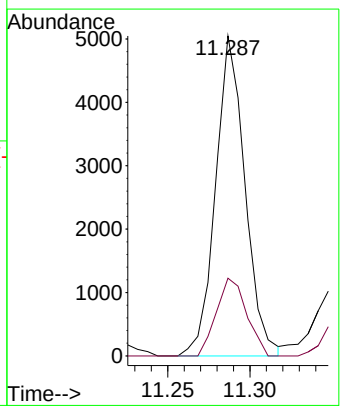


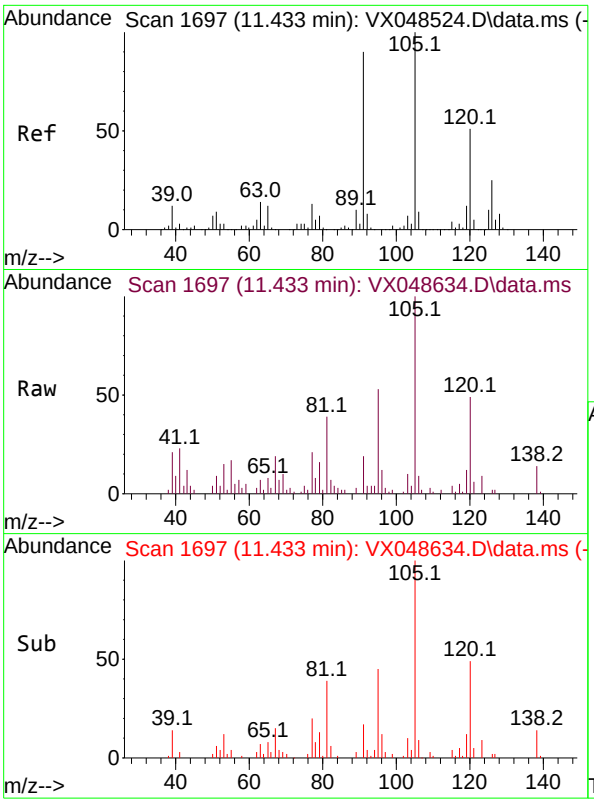


#78
n-propylbenzene
Concen: 0.410 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048634.D
Acq: 20 Nov 2025 13:48

Tgt Ion: 91 Resp: 6279

Ion	Ratio	Lower	Upper
91	100		
120	24.9	11.6	34.8



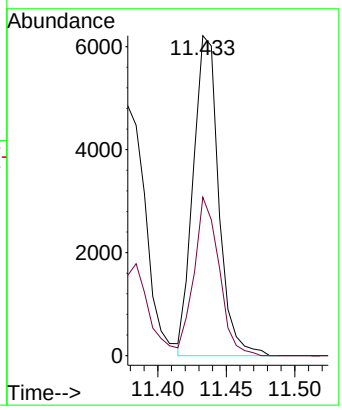


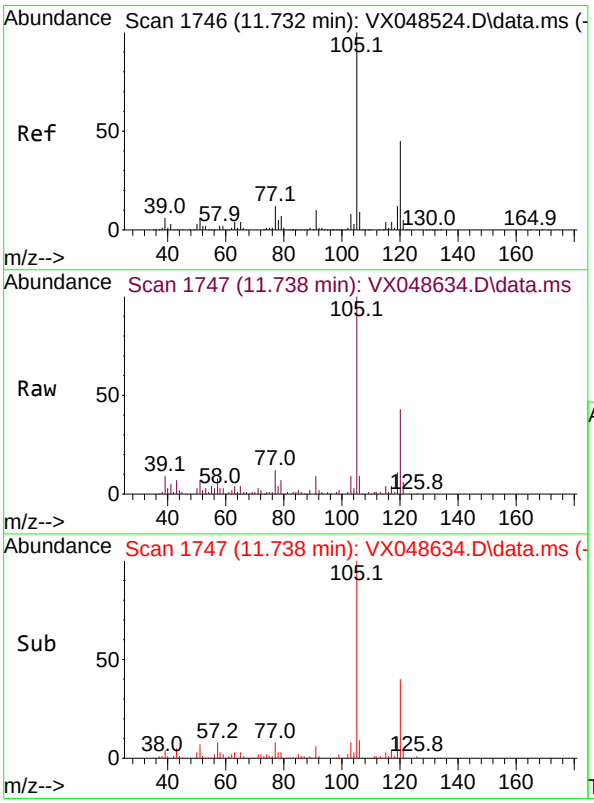
#80
1,3,5-Trimethylbenzene
Concen: 0.756 ug/l
RT: 11.433 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048634.D
Acq: 20 Nov 2025 13:48

Instrument :
MSVOA_X
ClientSampleId :
251119071-01 VOA

Tgt Ion:105 Resp: 8034

Ion	Ratio	Lower	Upper
105	100		
120	48.5	25.1	75.2

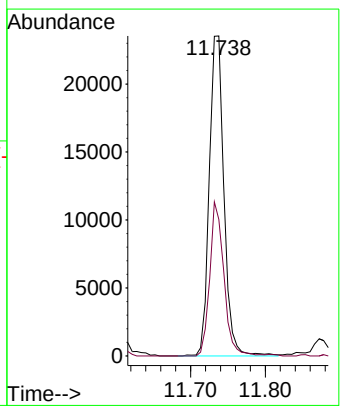


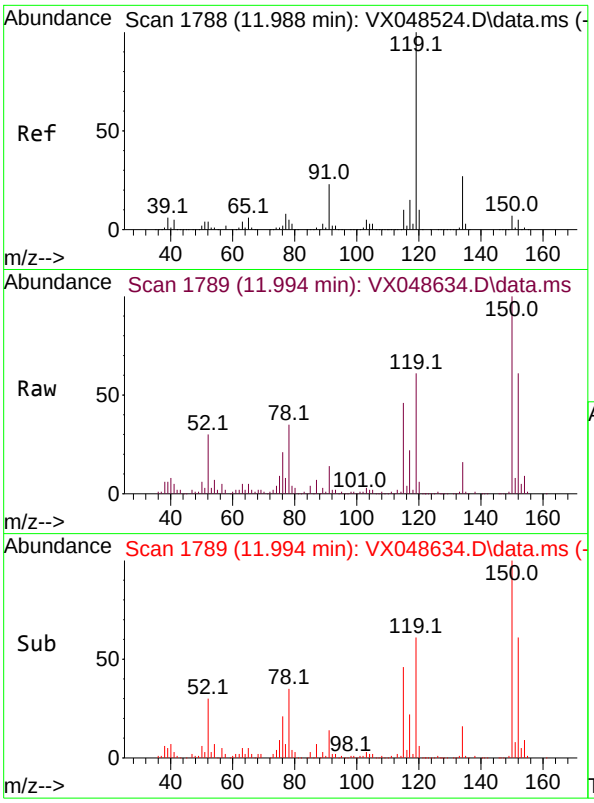


#84
1,2,4-Trimethylbenzene
Concen: 2.997 ug/l
RT: 11.738 min Scan# 1747
Delta R.T. 0.006 min
Lab File: VX048634.D
Acq: 20 Nov 2025 13:48

Tgt Ion:105 Resp: 32141

Ion	Ratio	Lower	Upper
105	100		
120	46.3	22.4	67.0



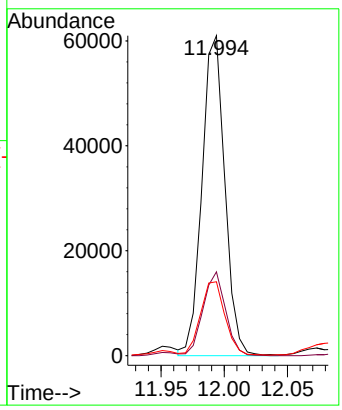


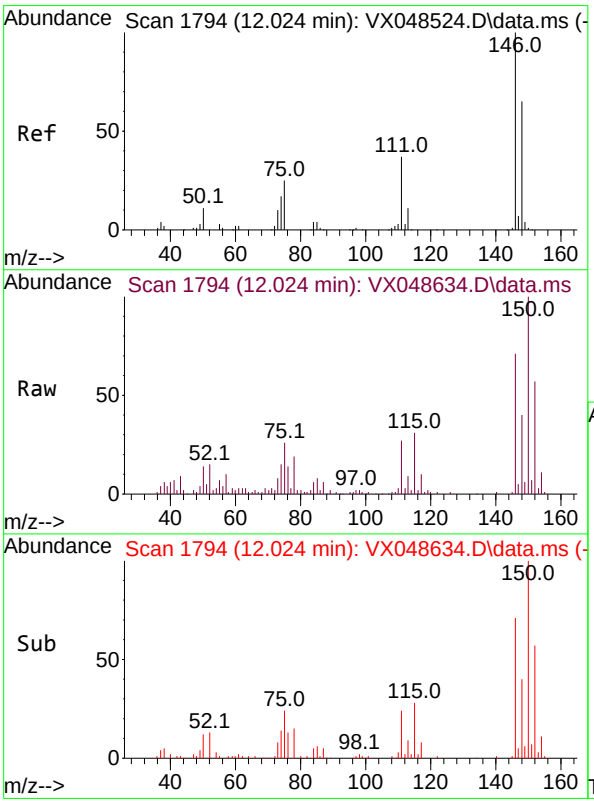
#86
p-Isopropyltoluene
Concen: 6.710 ug/l
RT: 11.994 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048634.D
Acq: 20 Nov 2025 13:48

Instrument :
MSVOA_X
ClientSampleId :
251119071-01 VOA

Tgt Ion:119 Resp: 76643

Ion	Ratio	Lower	Upper
119	100		
134	25.8	13.2	39.5
91	24.5	11.3	33.9

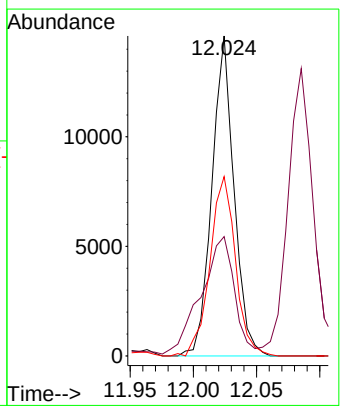


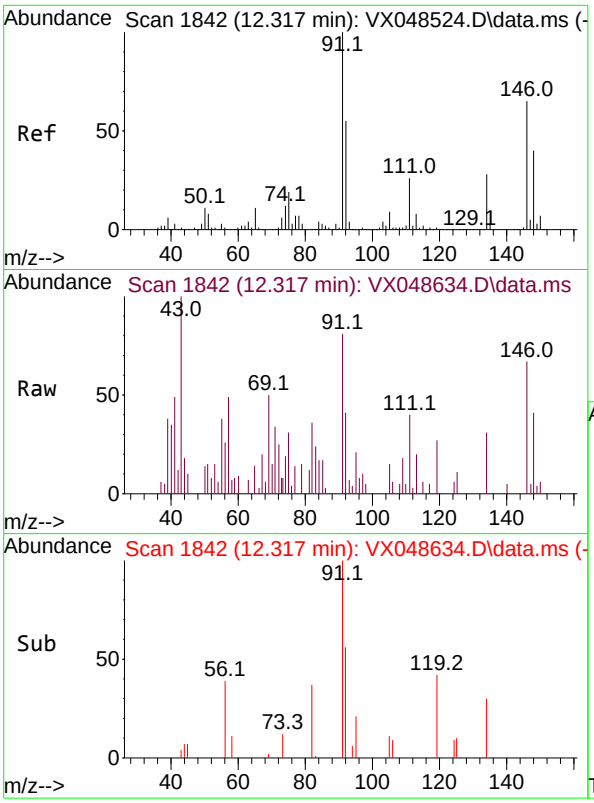


#88
1,4-Dichlorobenzene
Concen: 2.723 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX048634.D
Acq: 20 Nov 2025 13:48

Tgt Ion:146 Resp: 17744

Ion	Ratio	Lower	Upper
146	100		
111	54.8	19.2	57.6
148	64.8	31.9	95.9



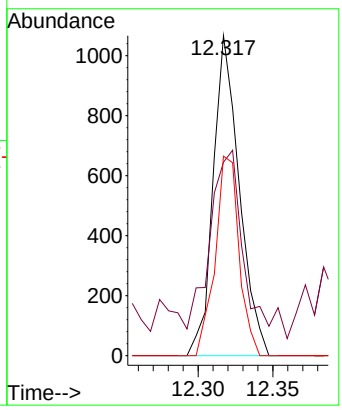


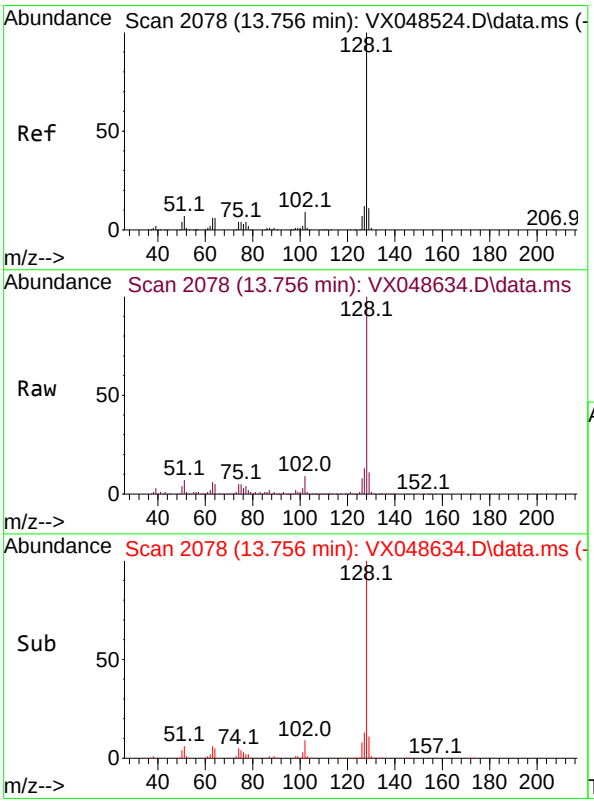
#91
1,2-Dichlorobenzene
Concen: 0.214 ug/l
RT: 12.317 min Scan# 18
Delta R.T. -0.000 min
Lab File: VX048634.D
Acq: 20 Nov 2025 13:48

Instrument :
MSVOA_X
ClientSampleId :
251119071-01 VOA

Tgt Ion:146 Resp: 1299

Ion	Ratio	Lower	Upper
146	100		
111	76.1	20.6	61.9#
148	57.0	31.4	94.2

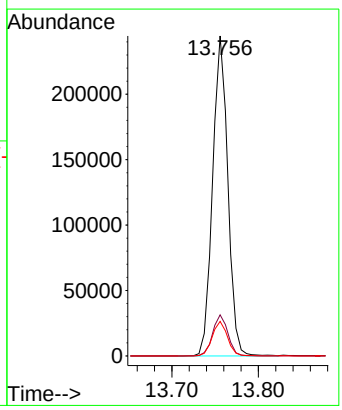




#95
Naphthalene
Concen: 23.028 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX048634.D
Acq: 20 Nov 2025 13:48

Tgt Ion:128 Resp: 298000

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.1	15.1
129	10.8	8.7	13.1



Sample Results: **VX048634.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112025\
Data File : VX048634.D
Acq On : 20 Nov 2025 13:48
Operator : JC/MD
Sample : Q3689-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
251119071-01 VOA

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Title : SW846 8260

Signal : TIC: VX048634.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.258	25	28	43	rVB	269008	476911	6.05%	1.281%
2	2.367	203	210	229	rBV	690659	1506711	19.11%	4.046%
3	2.514	229	234	247	rVV2	49091	144238	1.83%	0.387%
4	2.934	293	303	363	rBV	2191996	6355954	80.61%	17.068%
5	4.544	549	567	619	rBV2	1973032	7885253	100.00%	21.175%
6	4.983	628	639	683	rVB	706533	2657634	33.70%	7.137%
7	5.373	693	703	719	rBV2	93891	309769	3.93%	0.832%
8	5.538	720	730	751	rVB2	132715	435114	5.52%	1.168%
9	5.940	787	796	805	rBV	106253	309330	3.92%	0.831%
10	6.086	815	820	833	rVV3	30724	107979	1.37%	0.290%
11	6.208	833	840	852	rVB2	26745	81696	1.04%	0.219%
12	6.745	919	928	956	rVB	264126	701287	8.89%	1.883%
13	7.440	1026	1042	1062	rBV	65495	191604	2.43%	0.515%
14	8.561	1217	1226	1232	rBV	64426	132776	1.68%	0.357%
15	8.635	1232	1238	1244	rVV	545594	924116	11.72%	2.482%
16	8.702	1244	1249	1258	rVV	284420	488845	6.20%	1.313%
17	8.787	1258	1263	1267	rVV	67068	116216	1.47%	0.312%
18	9.360	1350	1357	1364	rBV	219524	337053	4.27%	0.905%
19	10.037	1458	1468	1481	rBV	700731	1184626	15.02%	3.181%
20	10.177	1487	1491	1501	rBV2	171750	270697	3.43%	0.727%
21	10.287	1504	1509	1515	rVV	166745	256432	3.25%	0.689%
22	10.622	1560	1564	1569	rBV	97144	142369	1.81%	0.382%
23	10.750	1578	1585	1594	rBV2	40284	92845	1.18%	0.249%
24	11.067	1631	1637	1643	rBV	551414	811072	10.29%	2.178%
25	11.488	1703	1706	1712	rVB	59198	83194	1.06%	0.223%
26	11.732	1743	1746	1751	rVB	67379	83155	1.05%	0.223%
27	11.866	1765	1768	1776	rVB3	60179	80885	1.03%	0.217%
28	12.000	1784	1790	1797	rBV2	891121	1359848	17.25%	3.652%
29	12.085	1797	1804	1809	rBV2	286363	415182	5.27%	1.115%
30	12.225	1820	1827	1836	rBV2	68987	131780	1.67%	0.354%
31	12.402	1850	1856	1861	rBV4	45025	80079	1.02%	0.215%
32	12.518	1869	1875	1878	rBV2	61959	138338	1.75%	0.371%
33	12.561	1878	1882	1892	rVB	183847	246944	3.13%	0.663%
34	12.750	1903	1913	1917	rBV2	236585	354831	4.50%	0.953%
35	12.884	1924	1935	1941	rBV	1255693	1718327	21.79%	4.614%
36	12.945	1942	1945	1955	rVB2	71666	123074	1.56%	0.330%

Sample Results: **VX048634.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112025\
Data File : VX048634.D
Acq On : 20 Nov 2025 13:48
Operator : JC/MD
Sample : Q3689-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
251119071-01 VOA

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Title : SW846 8260

37	13.195	1982	1986	1992	rVV4	46571	86076	1.09%	0.231%
38	13.317	2002	2006	2011	rVV	223143	303907	3.85%	0.816%
39	13.457	2024	2029	2030	rBV2	224453	278187	3.53%	0.747%
40	13.487	2030	2034	2042	rVV	2280819	3170181	40.20%	8.513%
41	13.567	2042	2047	2057	rVV3	677185	1033015	13.10%	2.774%
42	13.713	2066	2071	2074	rVV	219603	296933	3.77%	0.797%
43	13.756	2074	2078	2085	rVB	511591	634631	8.05%	1.704%
44	13.890	2097	2100	2103	rBV2	49560	79508	1.01%	0.214%
45	14.073	2124	2130	2144	rBV	364245	512068	6.49%	1.375%
46	14.615	2210	2219	2229	rVB	65173	108359	1.37%	0.291%

Sum of corrected areas: 37239029

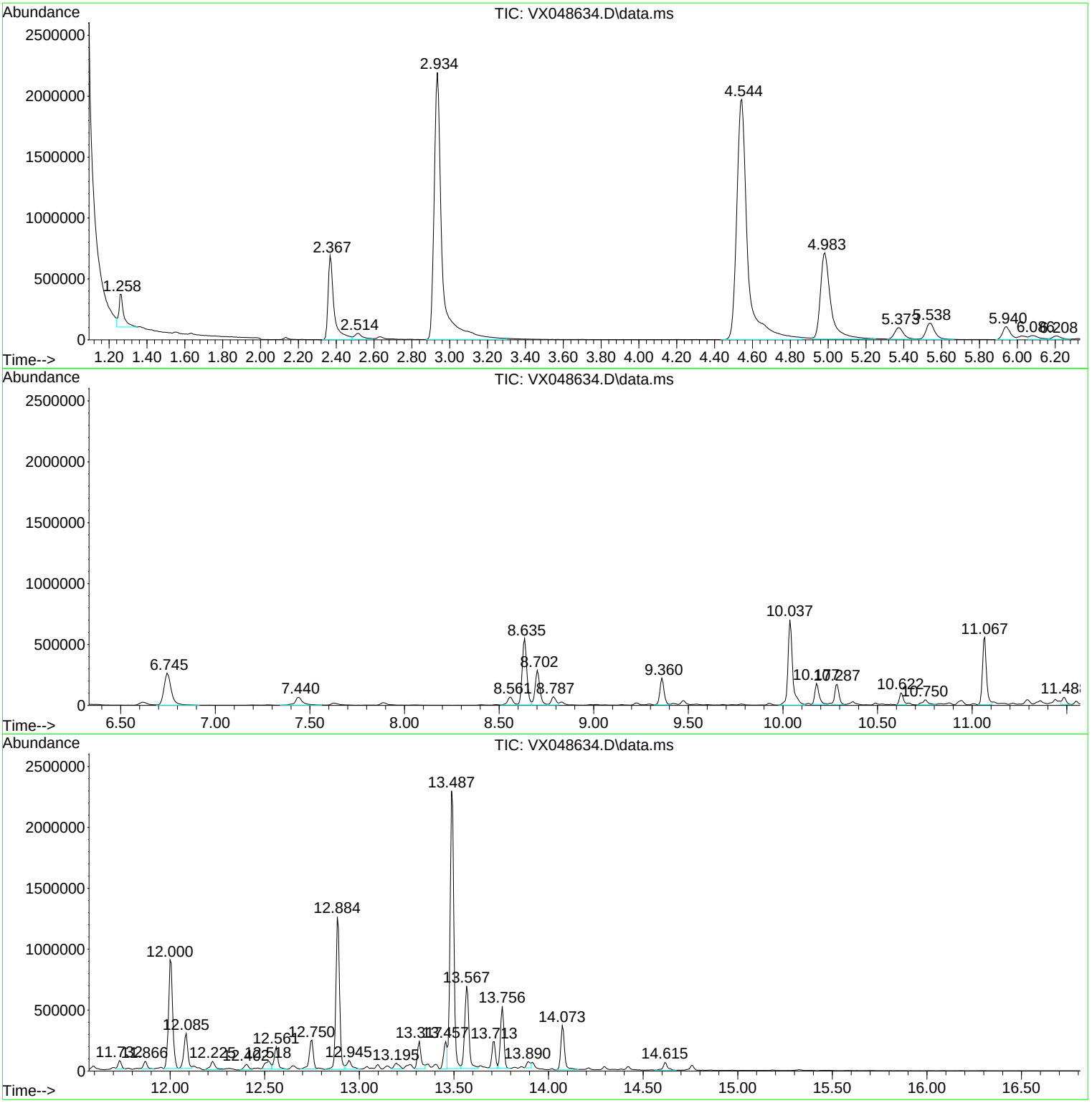
Sample Results: **VX048634.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112025\
Data File : VX048634.D
Acq On : 20 Nov 2025 13:48
Operator : JC/MD
Sample : Q3689-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
251119071-01 VOA

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112025\
Data File : VX048634.D
Acq On : 20 Nov 2025 13:48
Operator : JC/MD
Sample : Q3689-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
251119071-01 VOA

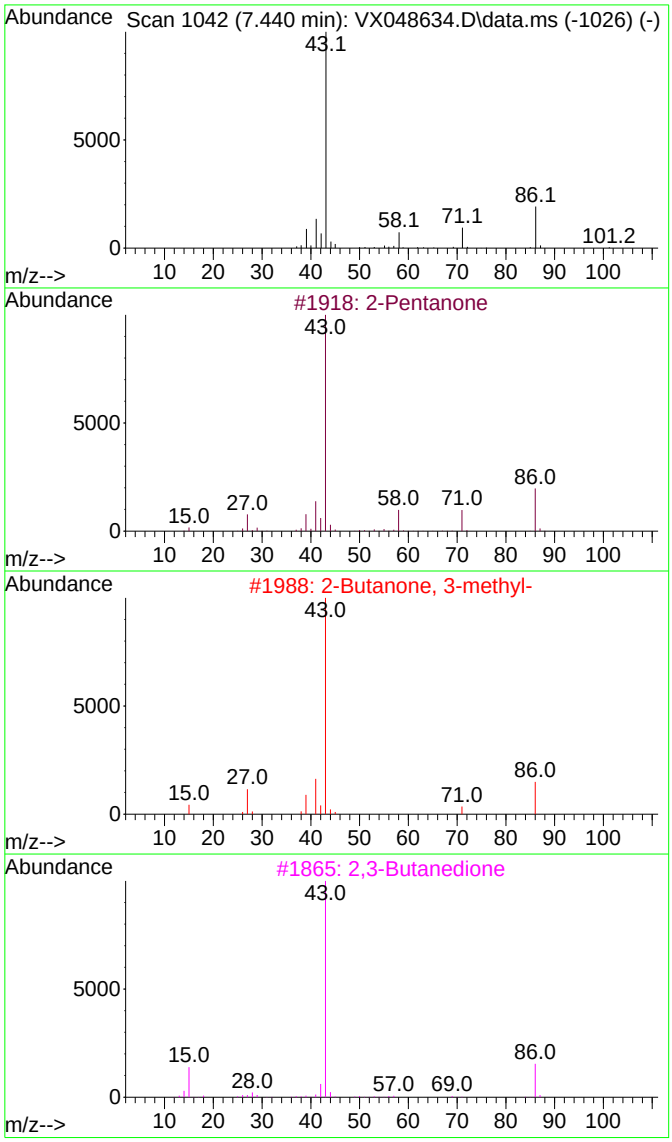
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260

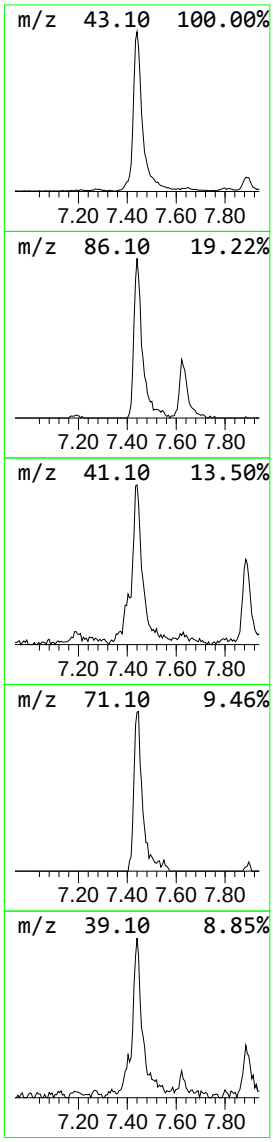
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 2-Pentanone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.440	13.66 ug/l	191604	1,4-Difluorobenzene	6.745

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone	86	C5H10O	000107-87-9	87
2	2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	64
3	2,3-Butanedione	86	C4H6O2	000431-03-8	52
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9
5	2,3-Pentanedione, 4-methyl-	114	C6H10O2	007493-58-5	9





Sample Results: **VX048634.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112025\
Data File : VX048634.D
Acq On : 20 Nov 2025 13:48
Operator : JC/MD
Sample : Q3689-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
251119071-01 VOA

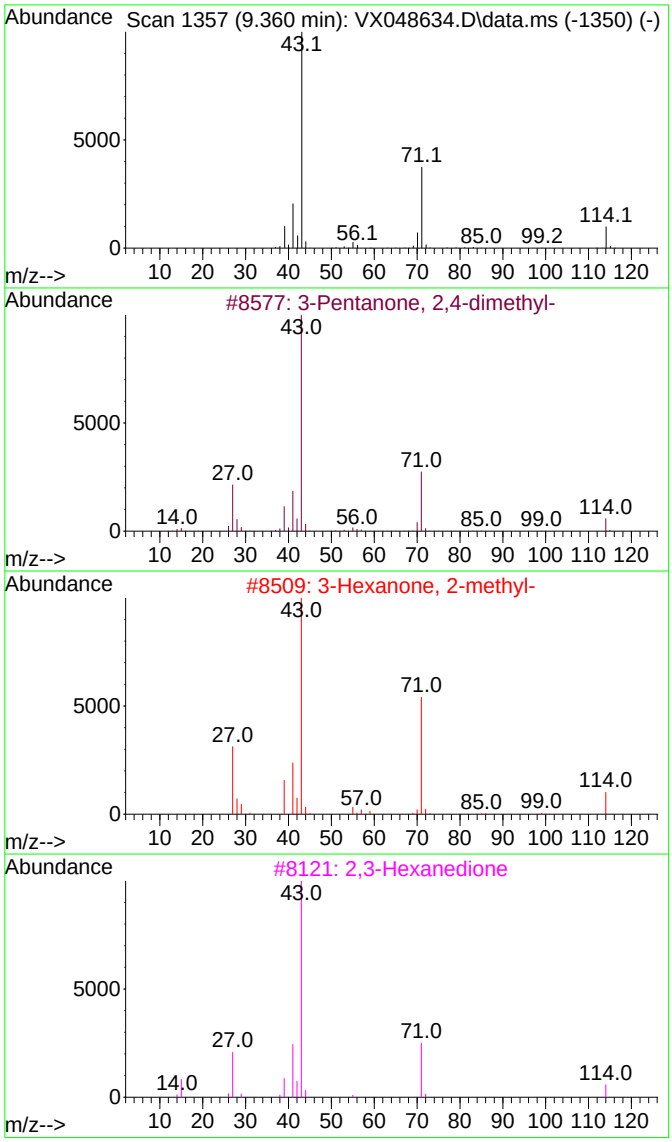
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260

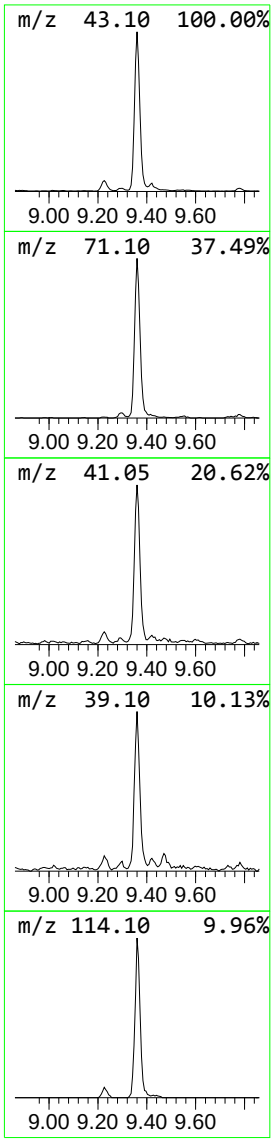
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 3-Pentanone, 2,4-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.360	14.23 ug/l	337053	Chlorobenzene-d5	10.037

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	86
2	3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	86
3	2,3-Hexanedione	114	C6H10O2	003848-24-6	64
4	4-Heptanone	114	C7H14O	000123-19-3	53
5	Pentane, 2-methyl-	86	C6H14	000107-83-5	42





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112025\
Data File : VX048634.D
Acq On : 20 Nov 2025 13:48
Operator : JC/MD
Sample : Q3689-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
251119071-01 VOA

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260

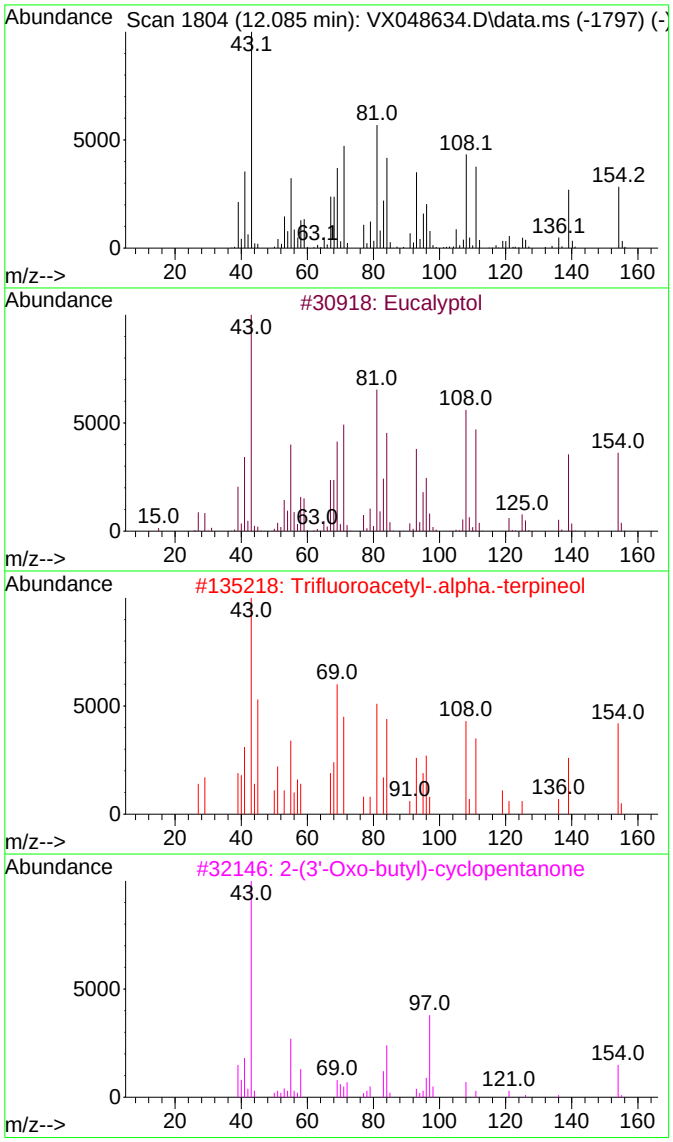
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

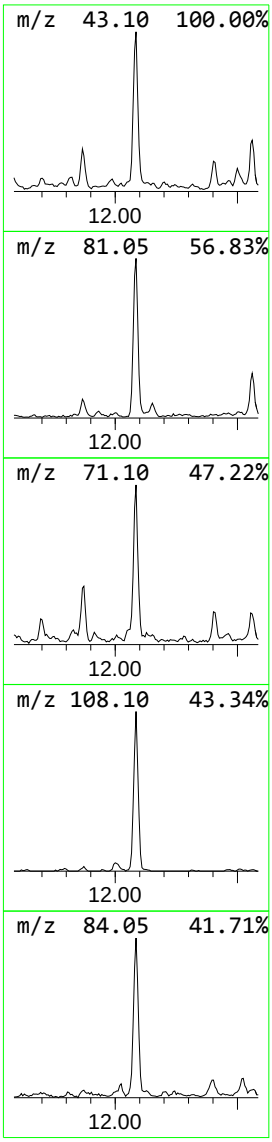
****

Peak Number 6 Eucalyptol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.085	15.27 ug/l	415182	1,4-Dichlorobenzene-d4	12.006

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eucalyptol	154	C10H18O	000470-82-6	99
2	Trifluoroacetyl-.alpha.-terpineol	250	C12H17F3O2	1000058-17-6	52
3	2-(3'-Oxo-butyl)-cyclopentanone	154	C9H14O2	1010143-37-2	32
4	4-Isopropyl-1-methylcyclohex-2-enol	154	C10H18O	000619-62-5	32
5	3-Hepten-2-one, 3-propyl-	154	C10H18O	032064-69-0	25





Sample Results: **VX048634.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112025\
Data File : VX048634.D
Acq On : 20 Nov 2025 13:48
Operator : JC/MD
Sample : Q3689-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
251119071-01 VOA

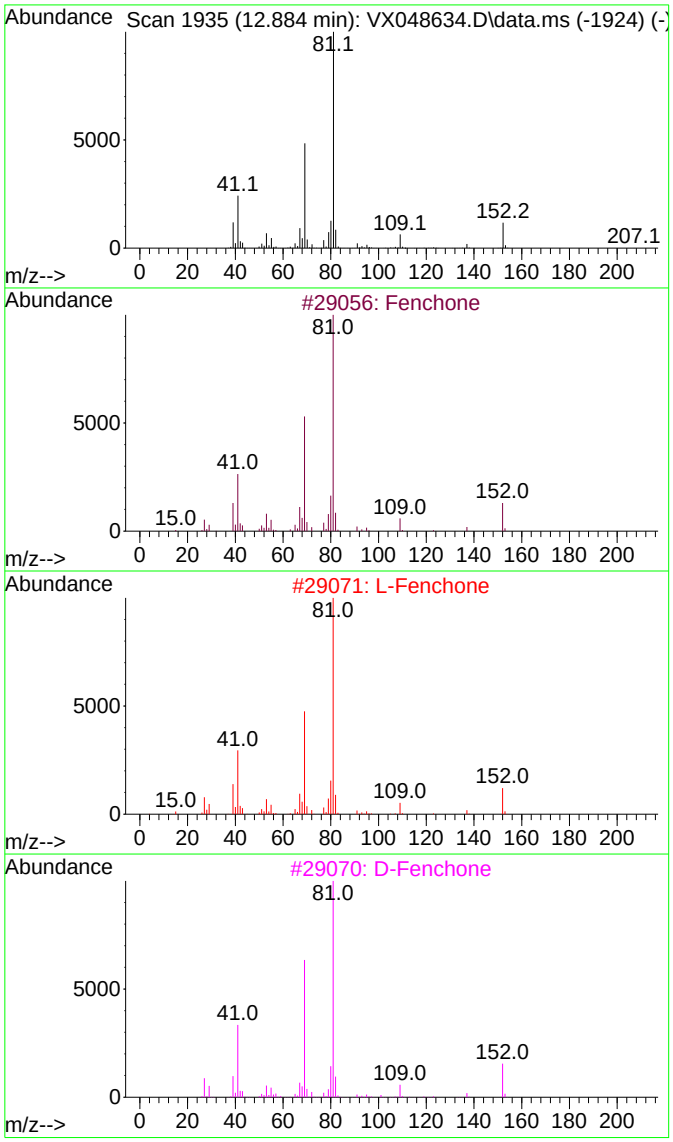
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260

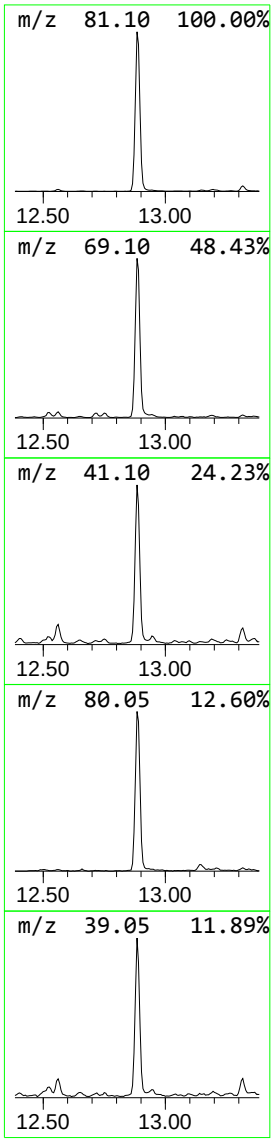
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Fenchone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.884	63.18 ug/l	1718330	1,4-Dichlorobenzene-d4	12.006

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fenchone	152	C10H16O	001195-79-5	95
2	L-Fenchone	152	C10H16O	007787-20-4	95
3	D-Fenchone	152	C10H16O	004695-62-9	94
4	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	45
5	trans-1,4-Cyclohexanediol, bis(p...	408	C12H10F10O4	1000384-30-6	40





Sample Results: **VX048634.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112025\
Data File : VX048634.D
Acq On : 20 Nov 2025 13:48
Operator : JC/MD
Sample : Q3689-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
251119071-01 VOA

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260

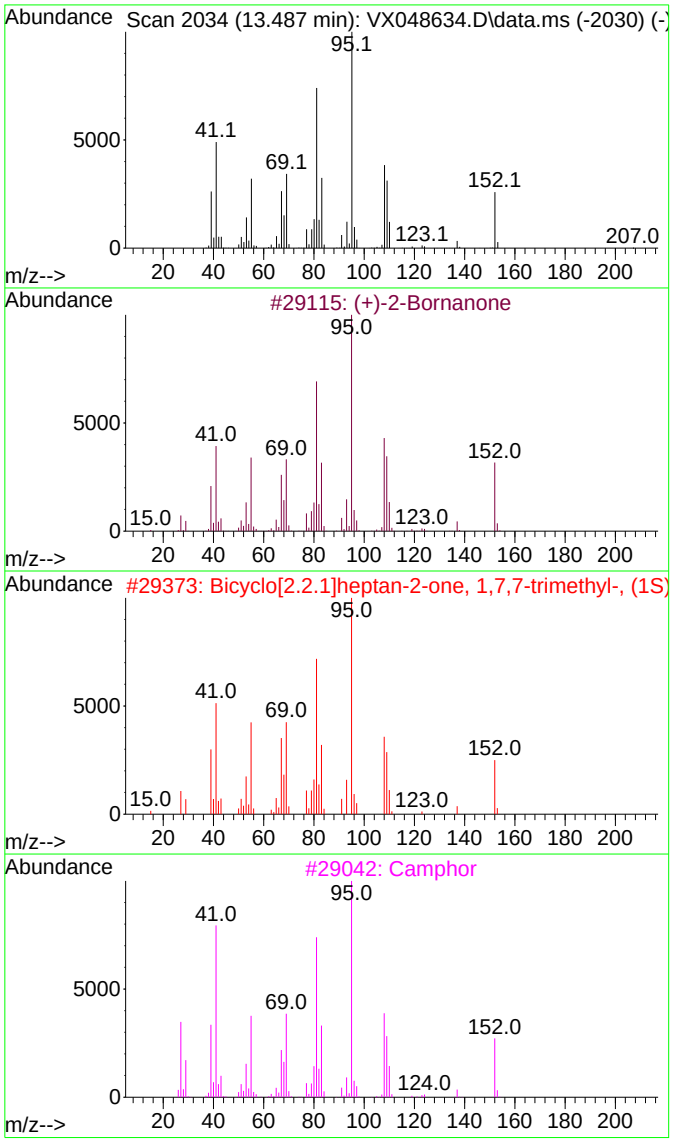
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

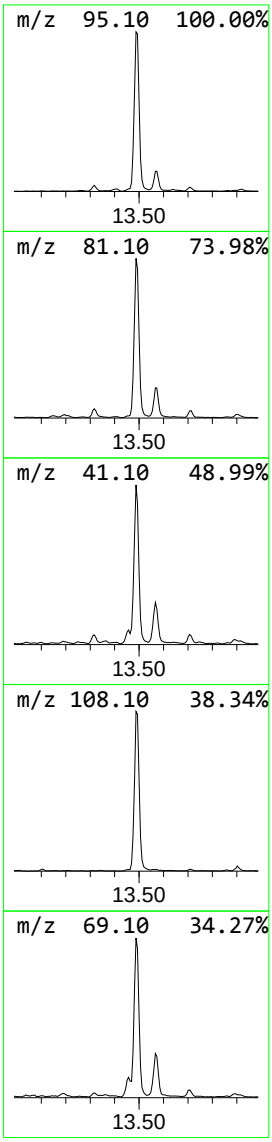
****

Peak Number 8 (+)-2-Bornanone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.487	116.56 ug/l	3170180	1,4-Dichlorobenzene-d4	12.006

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(+)-2-Bornanone	152	C10H16O	000464-49-3	98
2	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	98
3	Camphor	152	C10H16O	000076-22-2	96
4	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	000529-00-0	46
5	5,7-Octadien-4-one, 2,6-dimethyl...	152	C10H16O	006752-80-3	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112025\
Data File : VX048634.D
Acq On : 20 Nov 2025 13:48
Operator : JC/MD
Sample : Q3689-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
251119071-01 VOA

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone	7.440	13.7	ug/l	191604	2	6.745	701287	50.0
3-Pentanone, 2,...	9.360	14.2	ug/l	337053	3	10.037	1184630	50.0
Eucalyptol	12.085	15.3	ug/l	415182	4	12.006	1359850	50.0
Fenchone	12.884	63.2	ug/l	1718330	4	12.006	1359850	50.0
(+)-2-Bornanone	13.487	116.6	ug/l	3170180	4	12.006	1359850	50.0

Raw Data: **VX048636.D**

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

Report of Analysis

Client:	Garden State Laboratories, Inc.	Date Collected:	11/19/25
Project:	Waste Water 2025	Date Received:	11/20/25
Client Sample ID:	251119071-01 VOADL	SDG No.:	Q3689
Lab Sample ID:	Q3689-01DL	Matrix:	Water
Analytical Method:	8260D Level: LOW	% Solid:	0
Sample Wt/Vol:	5 mL Final Vol: 5000 uL	Test:	VOCMS Group2

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	4.40	UD	20	4.40	20.0	ug/L	11/20/25 14:55	VX112025
74-87-3	Chloromethane	6.40	UD	20	6.40	20.0	ug/L	11/20/25 14:55	VX112025
75-01-4	Vinyl Chloride	5.20	UD	20	5.20	20.0	ug/L	11/20/25 14:55	VX112025
74-83-9	Bromomethane	28.8	UDQ	20	28.8	100	ug/L	11/20/25 14:55	VX112025
75-00-3	Chloroethane	9.40	UD	20	9.40	20.0	ug/L	11/20/25 14:55	VX112025
75-69-4	Trichlorofluoromethane	6.60	UD	20	6.60	20.0	ug/L	11/20/25 14:55	VX112025
76-13-1	1,1,2-Trichlorotrifluoroethane	5.00	UDQ	20	5.00	20.0	ug/L	11/20/25 14:55	VX112025
75-35-4	1,1-Dichloroethene	4.60	UDQ	20	4.60	20.0	ug/L	11/20/25 14:55	VX112025
67-64-1	Acetone	910	D	20	30.2	100	ug/L	11/20/25 14:55	VX112025
75-15-0	Carbon Disulfide	4.20	UD	20	4.20	20.0	ug/L	11/20/25 14:55	VX112025
1634-04-4	Methyl tert-butyl Ether	3.20	UD	20	3.20	20.0	ug/L	11/20/25 14:55	VX112025
79-20-9	Methyl Acetate	5.40	UD	20	5.40	20.0	ug/L	11/20/25 14:55	VX112025
75-09-2	Methylene Chloride	5.60	UD	20	5.60	20.0	ug/L	11/20/25 14:55	VX112025
156-60-5	trans-1,2-Dichloroethene	4.60	UD	20	4.60	20.0	ug/L	11/20/25 14:55	VX112025
75-34-3	1,1-Dichloroethane	4.60	UD	20	4.60	20.0	ug/L	11/20/25 14:55	VX112025
110-82-7	Cyclohexane	29.0	UD	20	29.0	100	ug/L	11/20/25 14:55	VX112025
78-93-3	2-Butanone	19.6	UD	20	19.6	100	ug/L	11/20/25 14:55	VX112025
56-23-5	Carbon Tetrachloride	5.00	UD	20	5.00	20.0	ug/L	11/20/25 14:55	VX112025
156-59-2	cis-1,2-Dichloroethene	3.80	UD	20	3.80	20.0	ug/L	11/20/25 14:55	VX112025
74-97-5	Bromochloromethane	4.40	UD	20	4.40	20.0	ug/L	11/20/25 14:55	VX112025
67-66-3	Chloroform	5.00	UD	20	5.00	20.0	ug/L	11/20/25 14:55	VX112025
71-55-6	1,1,1-Trichloroethane	4.00	UDQ	20	4.00	20.0	ug/L	11/20/25 14:55	VX112025
108-87-2	Methylcyclohexane	3.20	UD	20	3.20	20.0	ug/L	11/20/25 14:55	VX112025
71-43-2	Benzene	4.80	JD	20	3.00	20.0	ug/L	11/20/25 14:55	VX112025
107-06-2	1,2-Dichloroethane	4.40	UD	20	4.40	20.0	ug/L	11/20/25 14:55	VX112025
79-01-6	Trichloroethene	1.90	UD	20	1.90	20.0	ug/L	11/20/25 14:55	VX112025
78-87-5	1,2-Dichloropropane	4.00	UDQ	20	4.00	20.0	ug/L	11/20/25 14:55	VX112025
75-27-4	Bromodichloromethane	4.40	UDQ	20	4.40	20.0	ug/L	11/20/25 14:55	VX112025
108-10-1	4-Methyl-2-Pentanone	14.1	JDQ	20	13.6	100	ug/L	11/20/25 14:55	VX112025
108-88-3	Toluene	23.7	DQ	20	2.80	20.0	ug/L	11/20/25 14:55	VX112025
10061-02-6	t-1,3-Dichloropropene	3.40	UDQ	20	3.40	20.0	ug/L	11/20/25 14:55	VX112025
10061-01-5	cis-1,3-Dichloropropene	3.20	UDQ	20	3.20	20.0	ug/L	11/20/25 14:55	VX112025
79-00-5	1,1,2-Trichloroethane	4.20	UDQ	20	4.20	20.0	ug/L	11/20/25 14:55	VX112025
591-78-6	2-Hexanone	17.8	UDQ	20	17.8	100	ug/L	11/20/25 14:55	VX112025
124-48-1	Dibromochloromethane	3.60	UDQ	20	3.60	20.0	ug/L	11/20/25 14:55	VX112025
106-93-4	1,2-Dibromoethane	3.00	UDQ	20	3.00	20.0	ug/L	11/20/25 14:55	VX112025
127-18-4	Tetrachloroethene	4.60	UD	20	4.60	20.0	ug/L	11/20/25 14:55	VX112025
108-90-7	Chlorobenzene	2.40	UD	20	2.40	20.0	ug/L	11/20/25 14:55	VX112025
100-41-4	Ethyl Benzene	8.70	JD	20	2.60	20.0	ug/L	11/20/25 14:55	VX112025
179601-23-1	m/p-Xylenes	9.70	JD	20	4.80	40.0	ug/L	11/20/25 14:55	VX112025
95-47-6	o-Xylene	5.40	JD	20	2.40	20.0	ug/L	11/20/25 14:55	VX112025
100-42-5	Styrene	3.00	UD	20	3.00	20.0	ug/L	11/20/25 14:55	VX112025
75-25-2	Bromoform	3.80	UD	20	3.80	20.0	ug/L	11/20/25 14:55	VX112025

Raw Data: **VX048636.D**

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

Report of Analysis

Client:	Garden State Laboratories, Inc.	Date Collected:	11/19/25
Project:	Waste Water 2025	Date Received:	11/20/25
Client Sample ID:	251119071-01 VOADL	SDG No.:	Q3689
Lab Sample ID:	Q3689-01DL	Matrix:	Water
Analytical Method:	8260D Level: LOW	% Solid:	0
Sample Wt/Vol:	5 mL Final Vol: 5000 uL	Test:	VOCMS Group2

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	2.40	UDQ	20	2.40	20.0	ug/L	11/20/25 14:55	VX112025
79-34-5	1,1,2,2-Tetrachloroethane	5.20	UD	20	5.20	20.0	ug/L	11/20/25 14:55	VX112025
541-73-1	1,3-Dichlorobenzene	3.20	UD	20	3.20	20.0	ug/L	11/20/25 14:55	VX112025
106-46-7	1,4-Dichlorobenzene	3.80	UD	20	3.80	20.0	ug/L	11/20/25 14:55	VX112025
95-50-1	1,2-Dichlorobenzene	3.20	UD	20	3.20	20.0	ug/L	11/20/25 14:55	VX112025
96-12-8	1,2-Dibromo-3-Chloropropane	10.6	UD	20	10.6	20.0	ug/L	11/20/25 14:55	VX112025
120-82-1	1,2,4-Trichlorobenzene	4.00	UD	20	4.00	20.0	ug/L	11/20/25 14:55	VX112025
87-61-6	1,2,3-Trichlorobenzene	4.00	UD	20	4.00	20.0	ug/L	11/20/25 14:55	VX112025
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	57.6			74 - 125	115%	SPK: 50		
1868-53-7	Dibromofluoromethane	43.8			75 - 124	88%	SPK: 50		
2037-26-5	Toluene-d8	50.8			86 - 113	102%	SPK: 50		
460-00-4	4-Bromofluorobenzene	60.3			77 - 121	121%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	151000							
540-36-3	1,4-Difluorobenzene	295000							
3114-55-4	Chlorobenzene-d5	326000							
3855-82-1	1,4-Dichlorobenzene-d4	176000							

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: **VX048636.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112025\
Data File : VX048636.D
Acq On : 20 Nov 2025 14:55
Operator : JC/MD
Sample : Q3689-01DL 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
251119071-01 VOADL

Quant Time: Nov 21 00:33:29 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

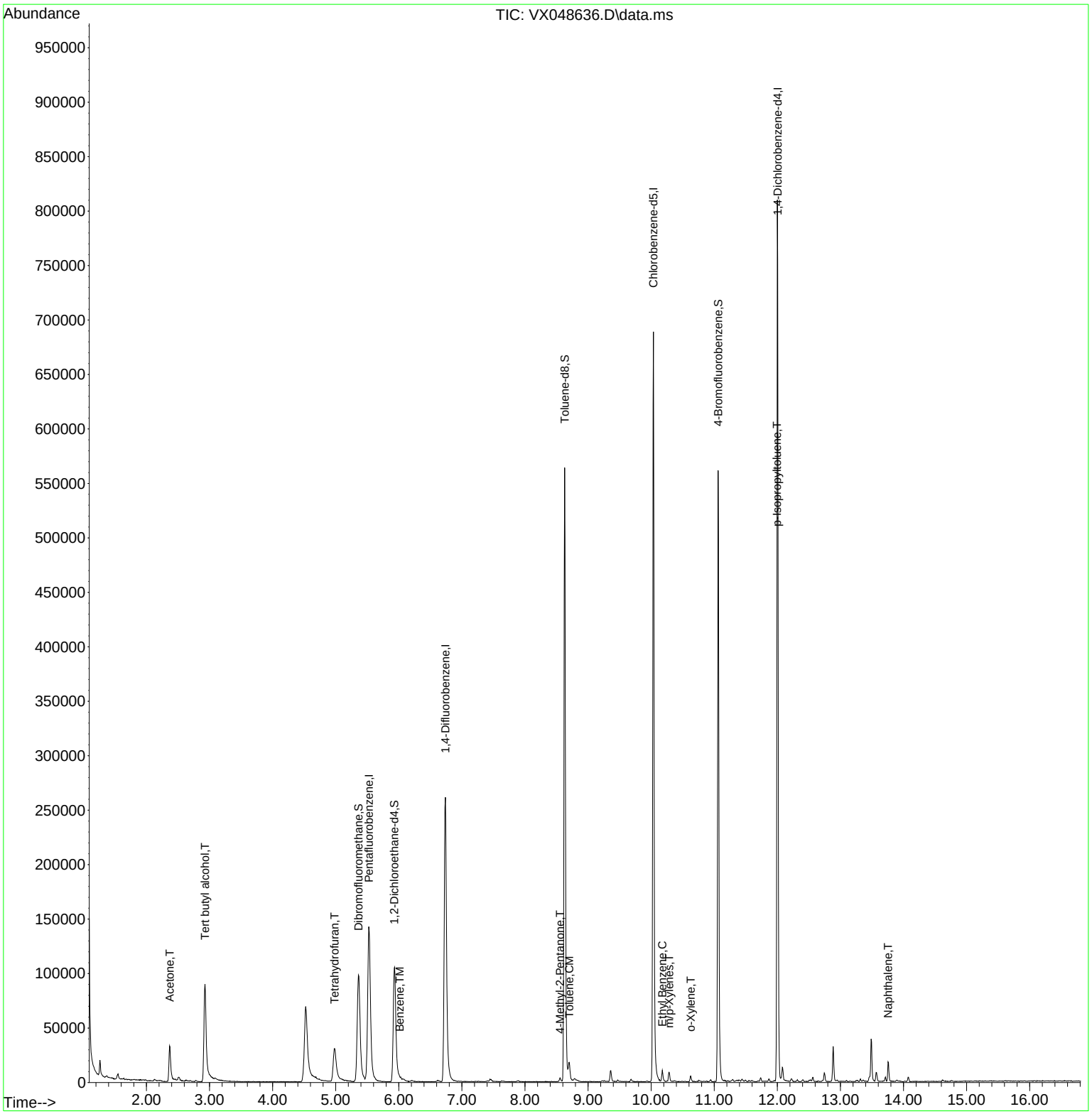
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.525	168	150914	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.739	114	294745	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	325996	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	176431	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.928	65	121228	57.649	ug/l	-0.02
Spiked Amount 50.000	Range 78 - 117		Recovery = 115.300%			
35) Dibromofluoromethane	5.361	113	97668	43.781	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery = 87.560%			
50) Toluene-d8	8.629	98	353106	50.751	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.500%			
62) 4-Bromofluorobenzene	11.061	95	156385	60.314	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 120.620%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.928	59	135935	341.144	ug/l	97
16) Acetone	2.367	43	45052	45.260	ug/l	100
29) Tetrahydrofuran	4.983	42	34916	33.246	ug/l	94
40) Benzene	6.013	78	2239	0.242	ug/l	95
51) 4-Methyl-2-Pentanone	8.555	43	2372	0.705	ug/l #	84
52) Toluene	8.702	92	5776	1.185	ug/l	97
67) Ethyl Benzene	10.177	91	5644	0.434	ug/l	97
68) m/p-Xylenes	10.287	106	2378	0.486	ug/l	96
69) o-Xylene	10.628	106	1299	0.271	ug/l	95
86) p-Isopropyltoluene	11.994	119	3819	0.340	ug/l #	80
95) Naphthalene	13.756	128	12215	0.961	ug/l	98

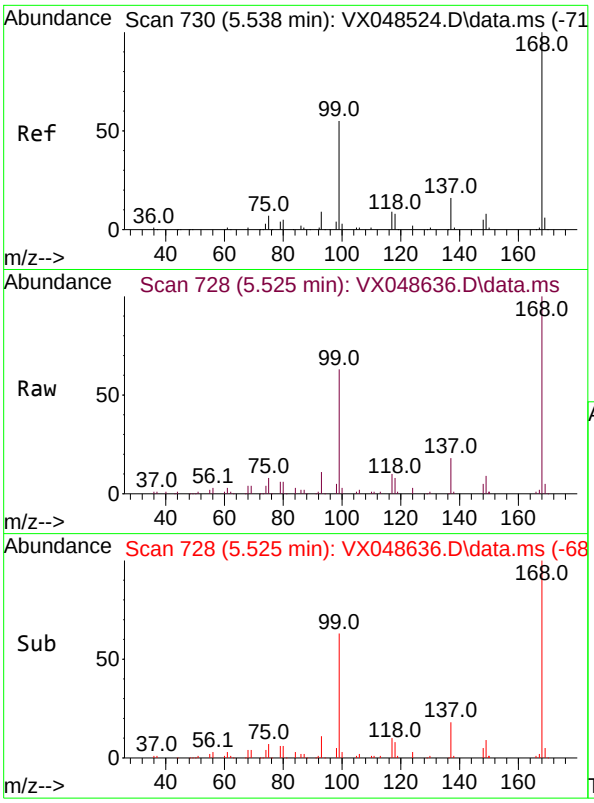
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112025\
Data File : VX048636.D
Acq On : 20 Nov 2025 14:55
Operator : JC/MD
Sample : Q3689-01DL 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
251119071-01 VOADL

Quant Time: Nov 21 00:33:29 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



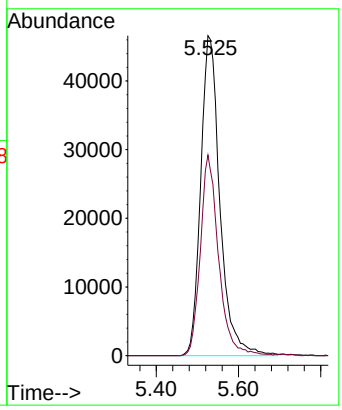


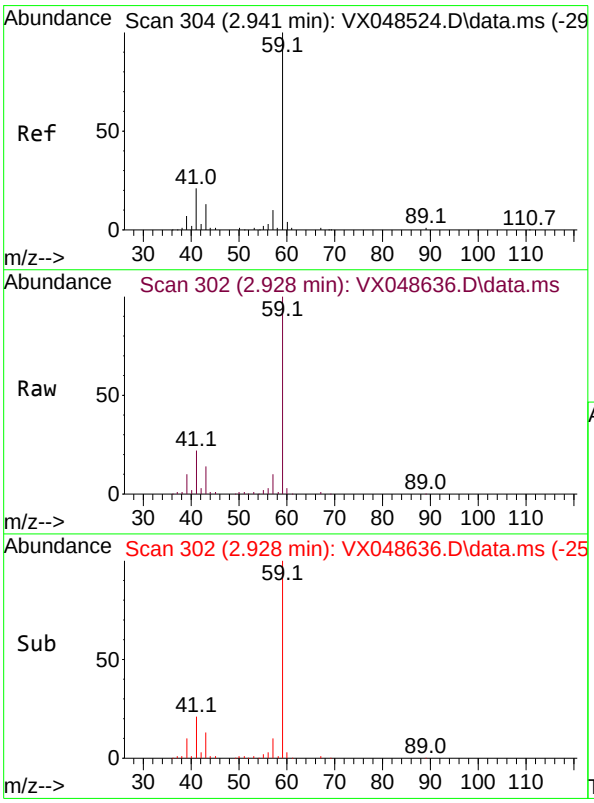
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.525 min Scan# 7
Delta R.T. -0.013 min
Lab File: VX048636.D
Acq: 20 Nov 2025 14:55

Instrument :
MSVOA_X
ClientSampleId :
251119071-01 VOADL

Tgt Ion:168 Resp: 150914

Ion	Ratio	Lower	Upper
168	100		
99	62.7	45.2	67.8

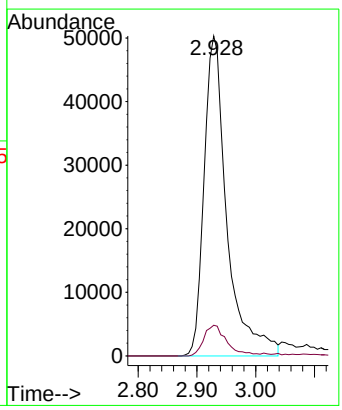


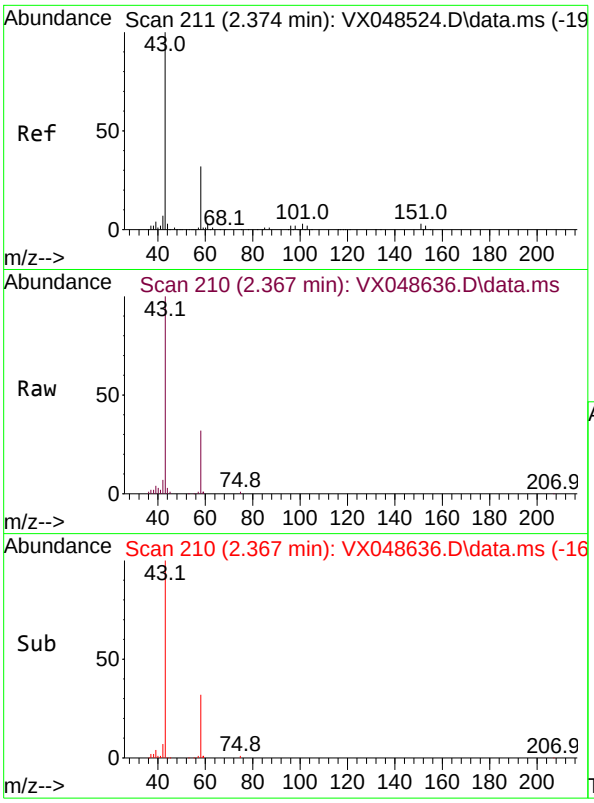


#11
Tert butyl alcohol
Concen: 341.144 ug/l
RT: 2.928 min Scan# 302
Delta R.T. -0.012 min
Lab File: VX048636.D
Acq: 20 Nov 2025 14:55

Tgt Ion: 59 Resp: 135935

Ion	Ratio	Lower	Upper
59	100		
57	9.7	8.6	13.0



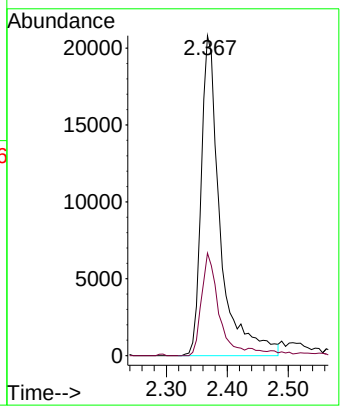


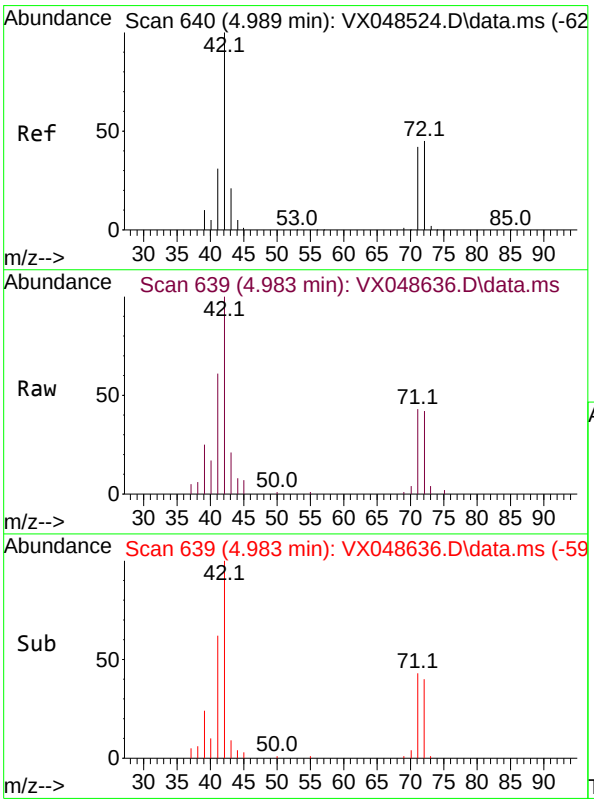
#16
Acetone
Concen: 45.260 ug/l
RT: 2.367 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX048636.D
Acq: 20 Nov 2025 14:55

Instrument :
MSVOA_X
ClientSampleId :
251119071-01 VOADL

Tgt Ion: 43 Resp: 45052

Ion	Ratio	Lower	Upper
43	100		
58	32.0	25.8	38.6

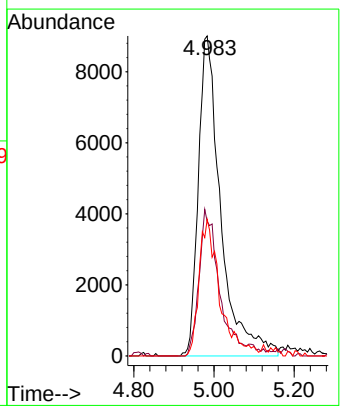


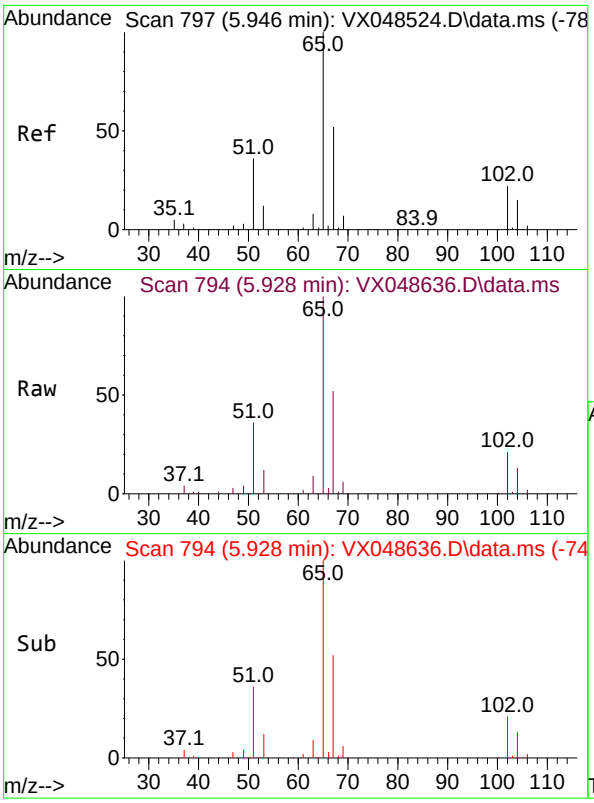


#29
Tetrahydrofuran
Concen: 33.246 ug/l
RT: 4.983 min Scan# 639
Delta R.T. -0.006 min
Lab File: VX048636.D
Acq: 20 Nov 2025 14:55

Tgt Ion: 42 Resp: 34916

Ion	Ratio	Lower	Upper
42	100		
72	41.0	36.3	54.5
71	39.6	34.1	51.1



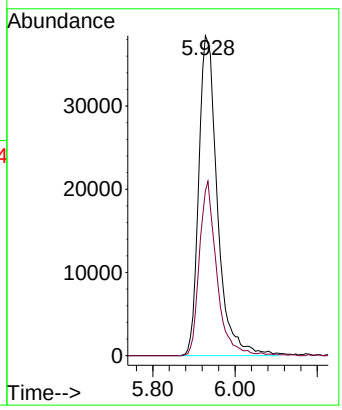


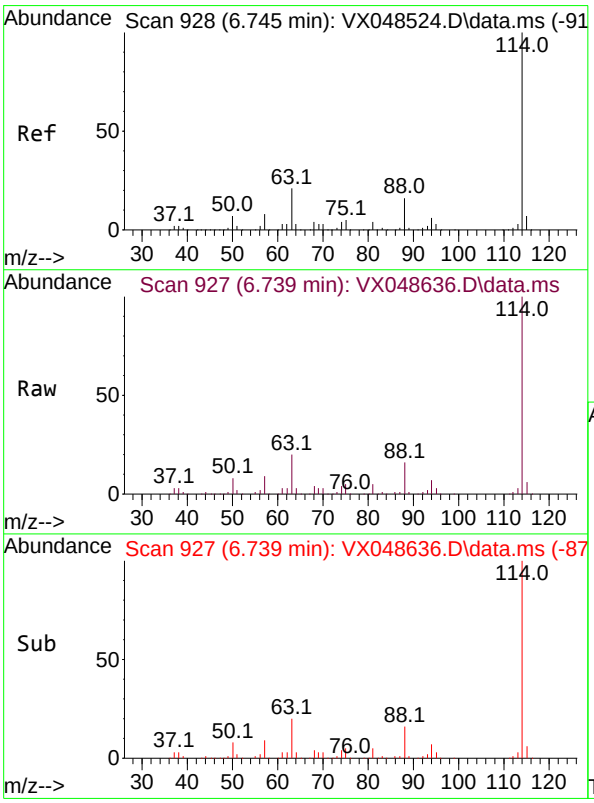
#33
1,2-Dichloroethane-d4
Concen: 57.649 ug/l
RT: 5.928 min Scan# 79
Delta R.T. -0.018 min
Lab File: VX048636.D
Acq: 20 Nov 2025 14:55

Instrument :
MSVOA_X
ClientSampleId :
251119071-01 VOADL

Tgt Ion: 65 Resp: 121228

Ion	Ratio	Lower	Upper
65	100		
67	50.3	0.0	106.2

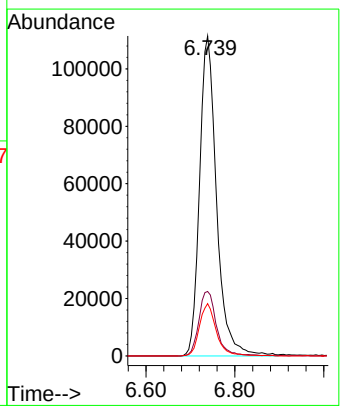


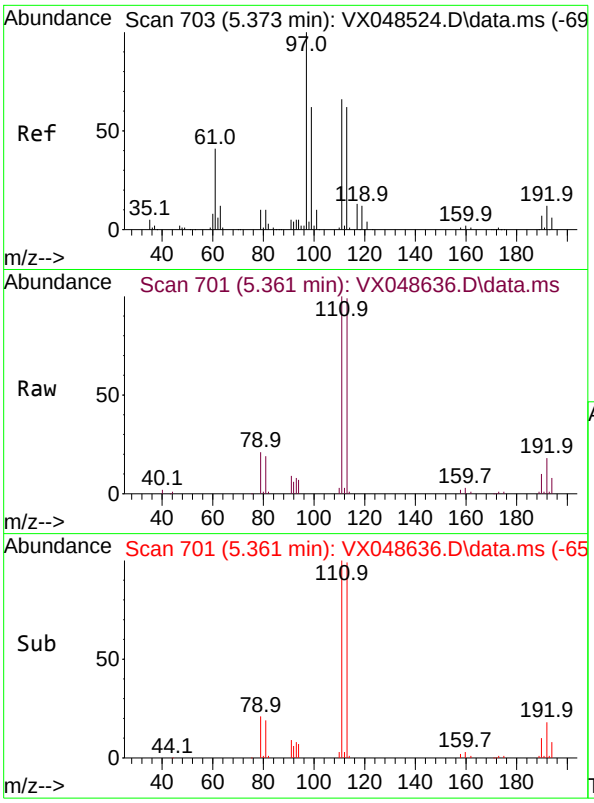


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.739 min Scan# 927
Delta R.T. -0.006 min
Lab File: VX048636.D
Acq: 20 Nov 2025 14:55

Tgt Ion:114 Resp: 294745

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	41.2
88	16.3	0.0	32.2



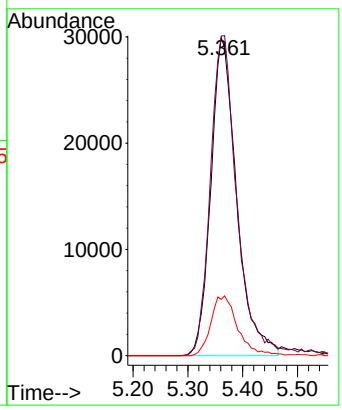


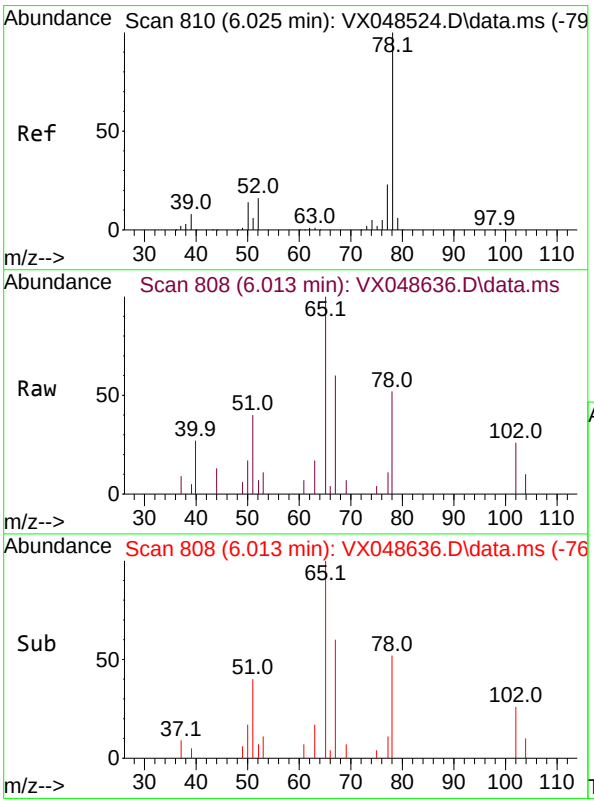
#35
Dibromofluoromethane
Concen: 43.781 ug/l
RT: 5.361 min Scan# 70
Delta R.T. -0.012 min
Lab File: VX048636.D
Acq: 20 Nov 2025 14:55

Instrument :
MSVOA_X
ClientSampleId :
251119071-01 VOADL

Tgt Ion:113 Resp: 97668

Ion	Ratio	Lower	Upper
113	100		
111	103.7	81.9	122.9
192	19.5	15.8	23.6

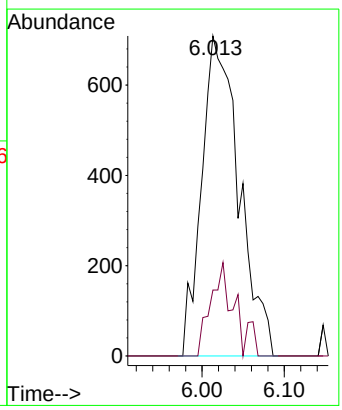


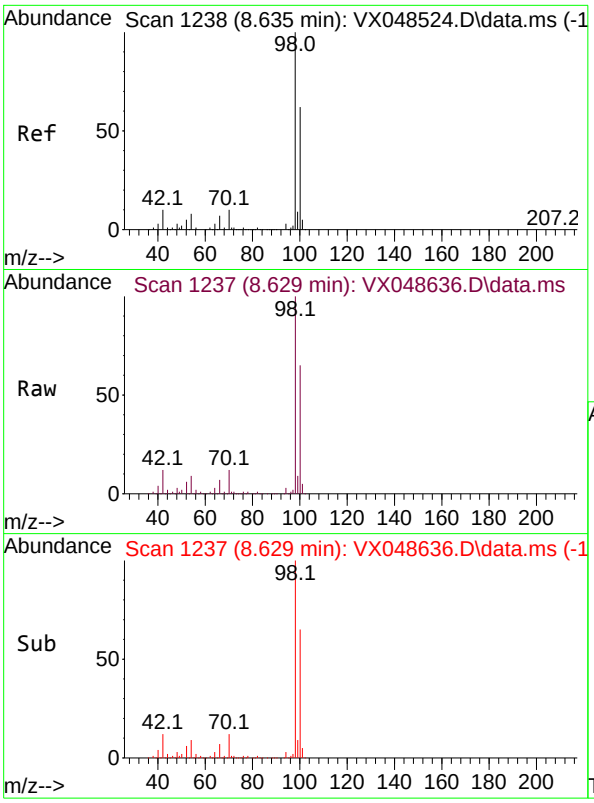


#40
Benzene
Concen: 0.242 ug/l
RT: 6.013 min Scan# 808
Delta R.T. -0.012 min
Lab File: VX048636.D
Acq: 20 Nov 2025 14:55

Tgt Ion: 78 Resp: 2239

Ion	Ratio	Lower	Upper
78	100		
77	20.6	18.3	27.5



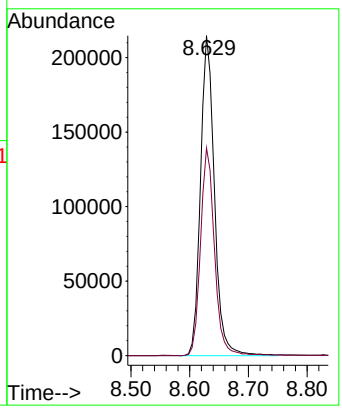


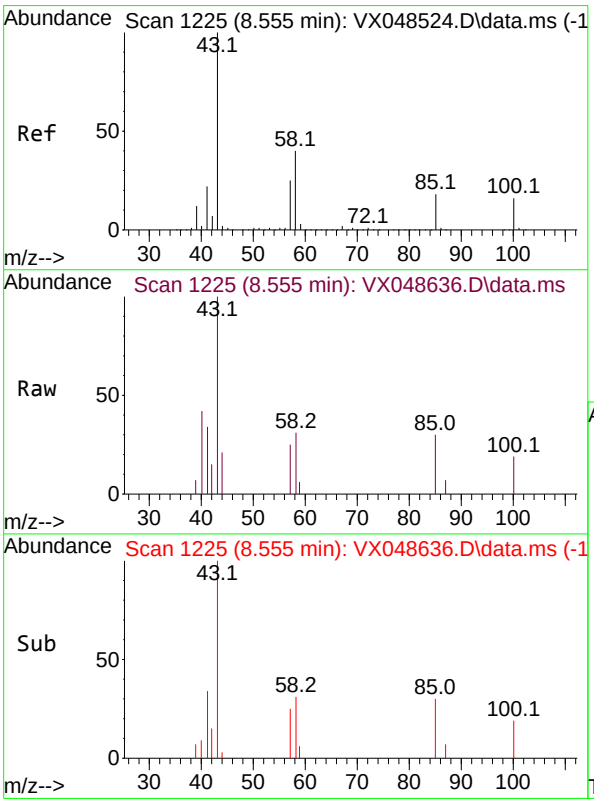
#50
Toluene-d8
Concen: 50.751 ug/l
RT: 8.629 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048636.D
Acq: 20 Nov 2025 14:55

Instrument :
MSVOA_X
ClientSampleId :
251119071-01 VOADL

Tgt Ion: 98 Resp: 353106

Ion	Ratio	Lower	Upper
98	100		
100	65.2	53.6	80.4

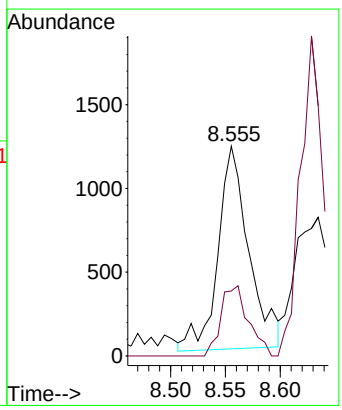


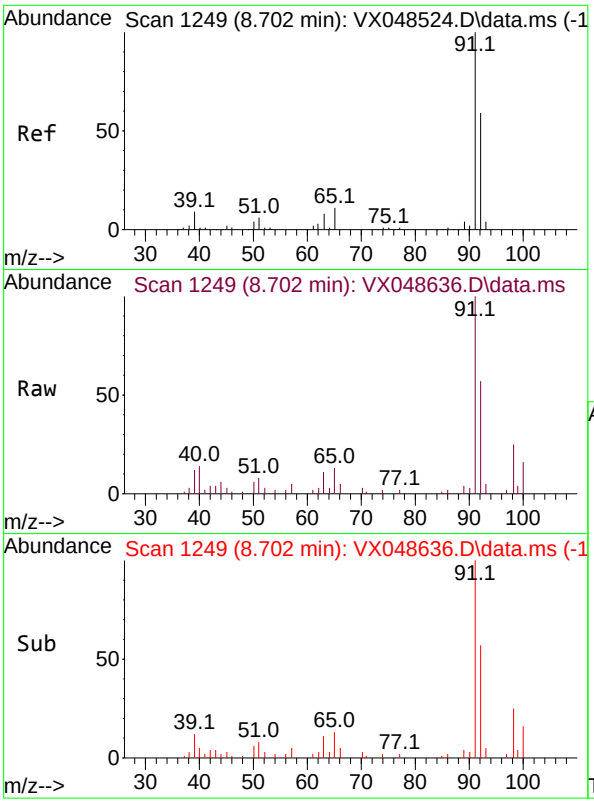


#51
4-Methyl-2-Pentanone
Concen: 0.705 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VX048636.D
Acq: 20 Nov 2025 14:55

Tgt Ion: 43 Resp: 2372

Ion	Ratio	Lower	Upper
43	100		
58	30.7	32.3	48.5#



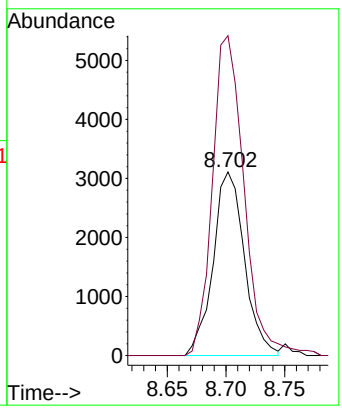


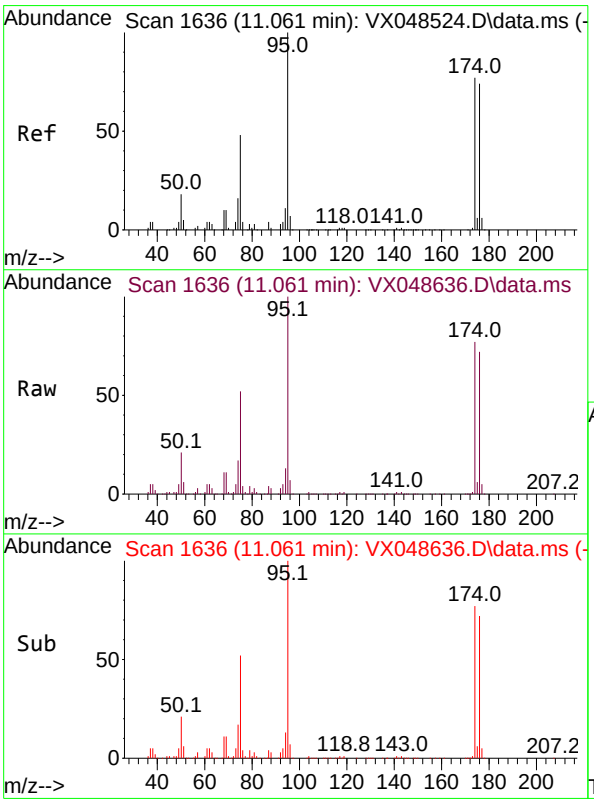
#52
Toluene
Concen: 1.185 ug/l
RT: 8.702 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048636.D
Acq: 20 Nov 2025 14:55

Instrument :
MSVOA_X
ClientSampleId :
251119071-01 VOADL

Tgt Ion: 92 Resp: 5776

Ion	Ratio	Lower	Upper
92	100		
91	175.9	137.0	205.6

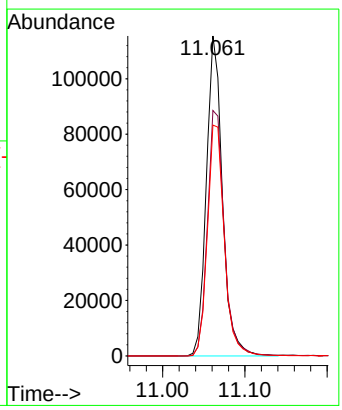


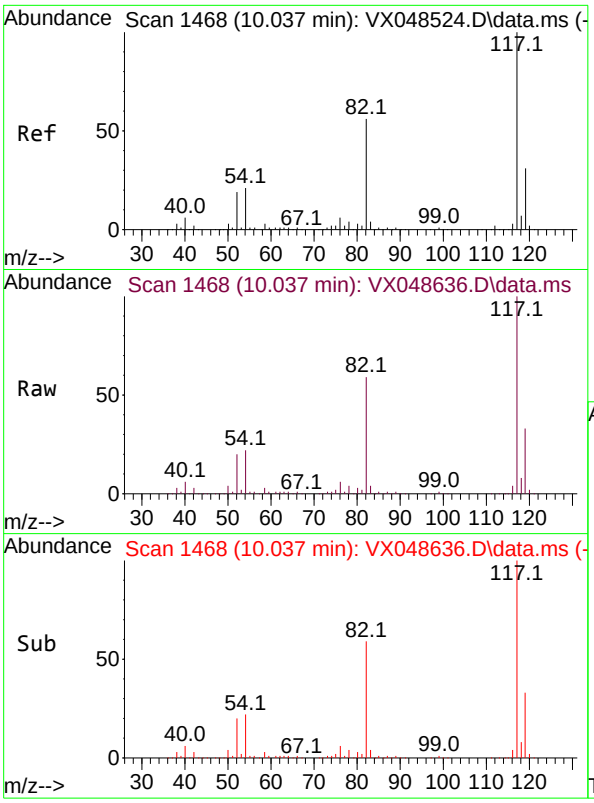


#62
4-Bromofluorobenzene
Concen: 60.314 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048636.D
Acq: 20 Nov 2025 14:55

Tgt Ion: 95 Resp: 156385

Ion	Ratio	Lower	Upper
95	100		
174	80.3	0.0	161.8
176	76.0	0.0	153.6



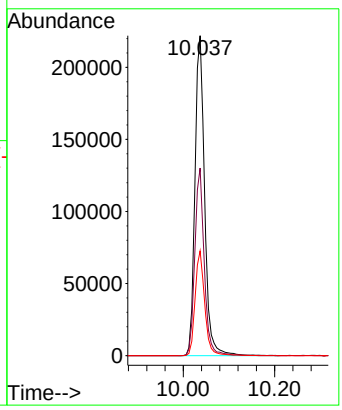


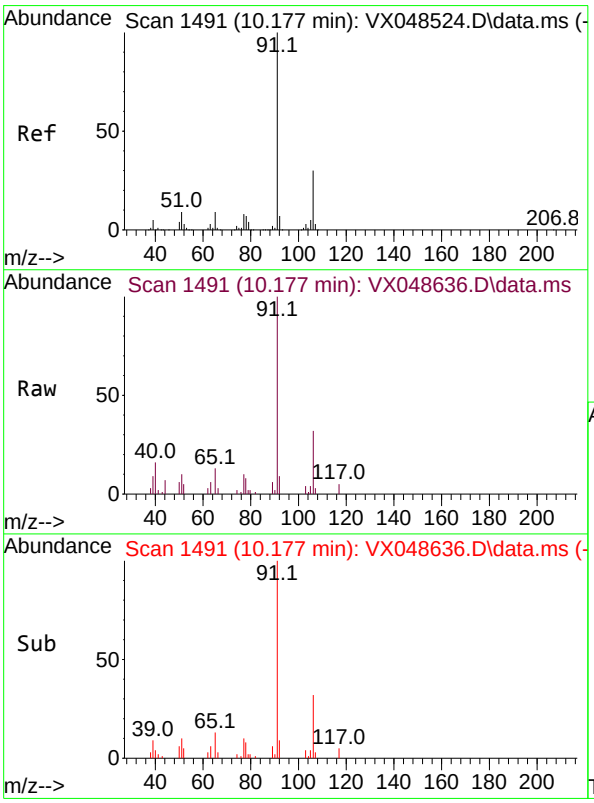
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048636.D
Acq: 20 Nov 2025 14:55

Instrument :
MSVOA_X
ClientSampleId :
251119071-01 VOADL

Tgt Ion:117 Resp: 325996

Ion	Ratio	Lower	Upper
117	100		
82	58.6	44.4	66.6
119	32.7	25.1	37.7

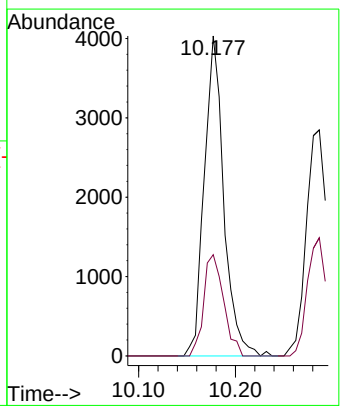


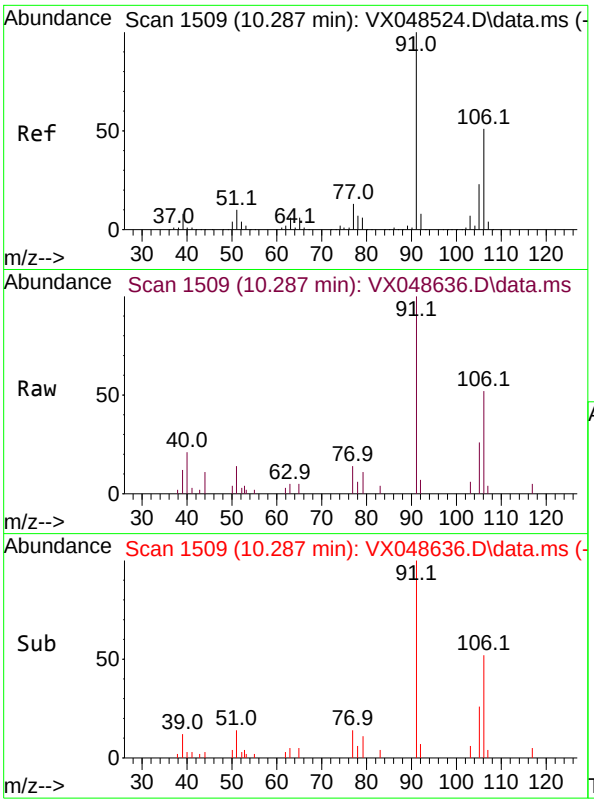


#67
Ethyl Benzene
Concen: 0.434 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX048636.D
Acq: 20 Nov 2025 14:55

Tgt Ion: 91 Resp: 5644

Ion	Ratio	Lower	Upper
91	100		
106	31.6	24.1	36.1



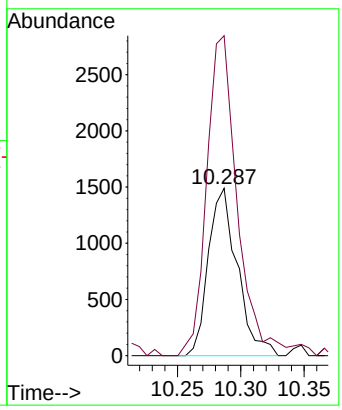


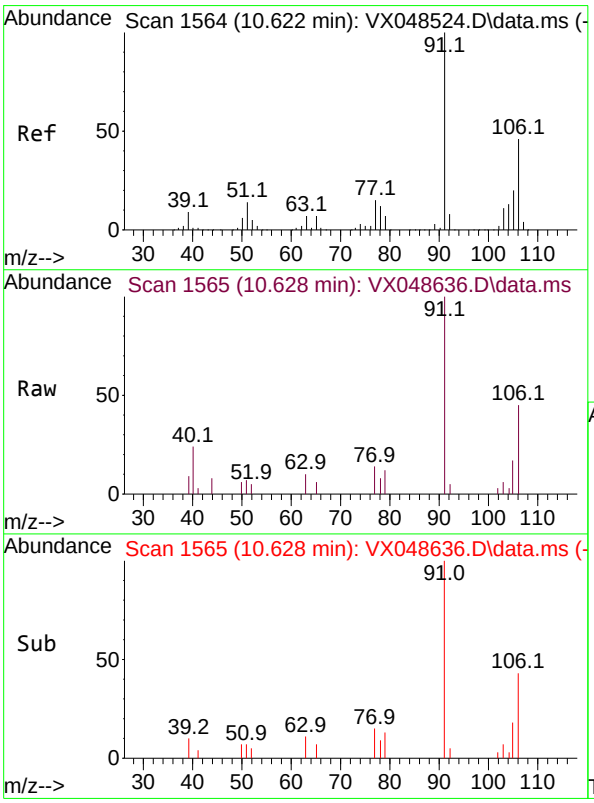
#68
m/p-Xylenes
Concen: 0.486 ug/l
RT: 10.287 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048636.D
Acq: 20 Nov 2025 14:55

Instrument :
MSVOA_X
ClientSampleId :
251119071-01 VOADL

Tgt Ion:106 Resp: 2378

Ion	Ratio	Lower	Upper
106	100		
91	205.0	159.6	239.4

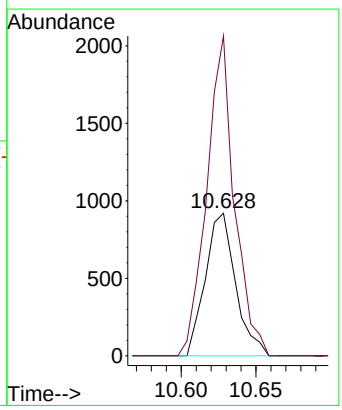


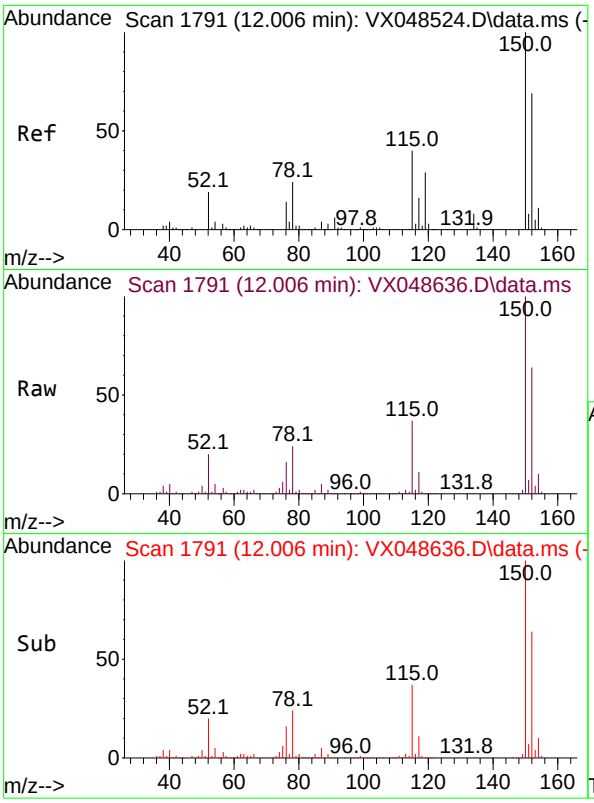


#69
o-Xylene
Concen: 0.271 ug/l
RT: 10.628 min Scan# 1565
Delta R.T. 0.006 min
Lab File: VX048636.D
Acq: 20 Nov 2025 14:55

Tgt Ion:106 Resp: 1299

Ion	Ratio	Lower	Upper
106	100		
91	205.4	106.4	319.2



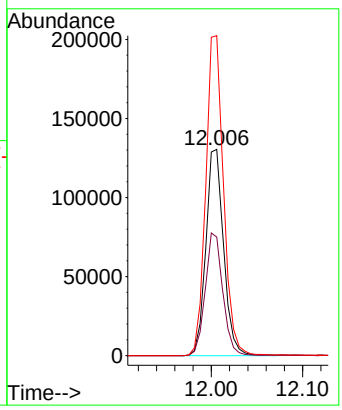


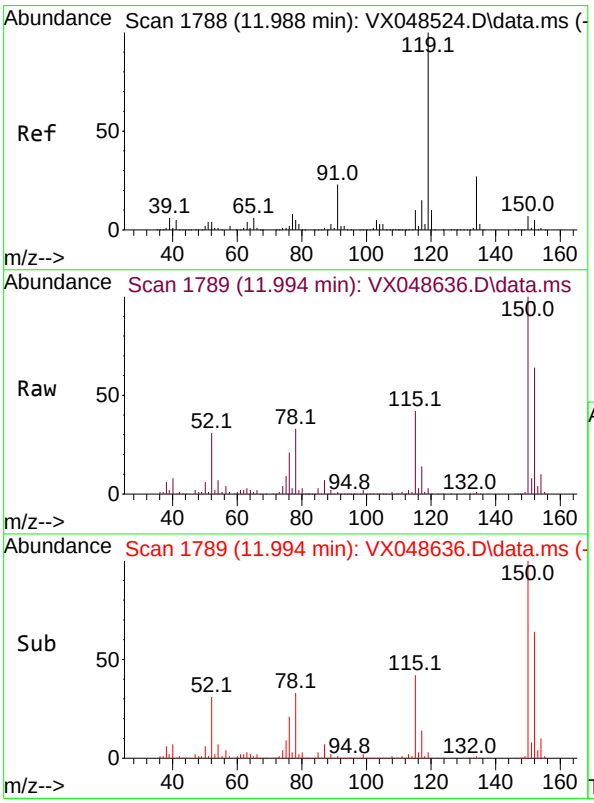
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048636.D
Acq: 20 Nov 2025 14:55

Instrument :
MSVOA_X
ClientSampleId :
251119071-01 VOADL

Tgt Ion:152 Resp: 176431

Ion	Ratio	Lower	Upper
152	100		
115	58.7	39.2	117.6
150	155.2	0.0	347.0

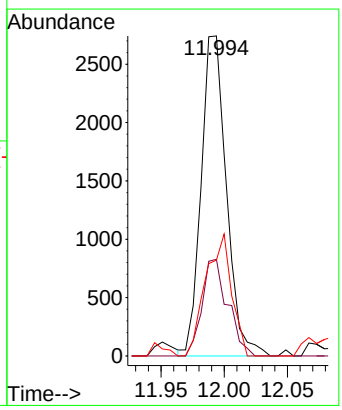


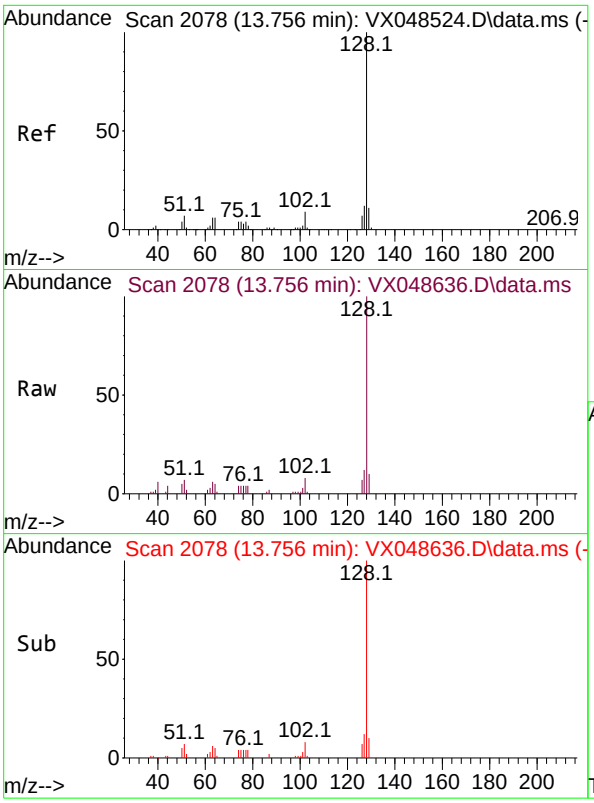


#86
p-Isopropyltoluene
Concen: 0.340 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. 0.006 min
Lab File: VX048636.D
Acq: 20 Nov 2025 14:55

Tgt Ion:119 Resp: 3819

Ion	Ratio	Lower	Upper
119	100		
134	30.6	13.2	39.5
91	38.8	11.3	33.9#



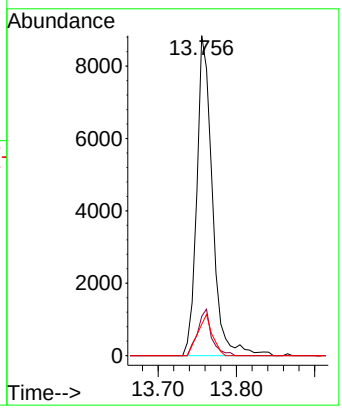


#95
Naphthalene
Concen: 0.961 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048636.D
Acq: 20 Nov 2025 14:55

Instrument :
MSVOA_X
ClientSampleId :
251119071-01 VOADL

Tgt Ion:128 Resp: 12215

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.1	15.1
129	11.9	8.7	13.1



Raw Data: **VX048632.D**

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

Report of Analysis

Client:	Garden State Laboratories, Inc.	Date Collected:	11/19/25
Project:	Waste Water 2025	Date Received:	11/20/25
Client Sample ID:	251119025-03 Trip blank	SDG No.:	Q3689
Lab Sample ID:	Q3689-02	Matrix:	Water
Analytical Method:	8260D	Level: LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOCMS Group2

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	11/20/25 13:07	VX112025
74-87-3	Chloromethane	0.32	U	1	0.32	1.00	ug/L	11/20/25 13:07	VX112025
75-01-4	Vinyl Chloride	0.26	U	1	0.26	1.00	ug/L	11/20/25 13:07	VX112025
74-83-9	Bromomethane	1.40	UQ	1	1.40	5.00	ug/L	11/20/25 13:07	VX112025
75-00-3	Chloroethane	0.47	U	1	0.47	1.00	ug/L	11/20/25 13:07	VX112025
75-69-4	Trichlorofluoromethane	0.33	U	1	0.33	1.00	ug/L	11/20/25 13:07	VX112025
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	UQ	1	0.25	1.00	ug/L	11/20/25 13:07	VX112025
75-35-4	1,1-Dichloroethene	0.23	UQ	1	0.23	1.00	ug/L	11/20/25 13:07	VX112025
67-64-1	Acetone	1.50	U	1	1.50	5.00	ug/L	11/20/25 13:07	VX112025
75-15-0	Carbon Disulfide	0.21	U	1	0.21	1.00	ug/L	11/20/25 13:07	VX112025
1634-04-4	Methyl tert-butyl Ether	0.16	U	1	0.16	1.00	ug/L	11/20/25 13:07	VX112025
79-20-9	Methyl Acetate	0.27	U	1	0.27	1.00	ug/L	11/20/25 13:07	VX112025
75-09-2	Methylene Chloride	0.28	U	1	0.28	1.00	ug/L	11/20/25 13:07	VX112025
156-60-5	trans-1,2-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/20/25 13:07	VX112025
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	11/20/25 13:07	VX112025
110-82-7	Cyclohexane	1.50	U	1	1.50	5.00	ug/L	11/20/25 13:07	VX112025
78-93-3	2-Butanone	0.98	U	1	0.98	5.00	ug/L	11/20/25 13:07	VX112025
56-23-5	Carbon Tetrachloride	0.25	U	1	0.25	1.00	ug/L	11/20/25 13:07	VX112025
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	11/20/25 13:07	VX112025
74-97-5	Bromochloromethane	0.22	U	1	0.22	1.00	ug/L	11/20/25 13:07	VX112025
67-66-3	Chloroform	0.25	U	1	0.25	1.00	ug/L	11/20/25 13:07	VX112025
71-55-6	1,1,1-Trichloroethane	0.20	UQ	1	0.20	1.00	ug/L	11/20/25 13:07	VX112025
108-87-2	Methylcyclohexane	0.16	U	1	0.16	1.00	ug/L	11/20/25 13:07	VX112025
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	11/20/25 13:07	VX112025
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	11/20/25 13:07	VX112025
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	11/20/25 13:07	VX112025
78-87-5	1,2-Dichloropropane	0.20	UQ	1	0.20	1.00	ug/L	11/20/25 13:07	VX112025
75-27-4	Bromodichloromethane	0.22	UQ	1	0.22	1.00	ug/L	11/20/25 13:07	VX112025
108-10-1	4-Methyl-2-Pentanone	0.68	UQ	1	0.68	5.00	ug/L	11/20/25 13:07	VX112025
108-88-3	Toluene	0.14	UQ	1	0.14	1.00	ug/L	11/20/25 13:07	VX112025
10061-02-6	t-1,3-Dichloropropene	0.17	UQ	1	0.17	1.00	ug/L	11/20/25 13:07	VX112025
10061-01-5	cis-1,3-Dichloropropene	0.16	UQ	1	0.16	1.00	ug/L	11/20/25 13:07	VX112025
79-00-5	1,1,2-Trichloroethane	0.21	UQ	1	0.21	1.00	ug/L	11/20/25 13:07	VX112025
591-78-6	2-Hexanone	0.89	UQ	1	0.89	5.00	ug/L	11/20/25 13:07	VX112025
124-48-1	Dibromochloromethane	0.18	UQ	1	0.18	1.00	ug/L	11/20/25 13:07	VX112025
106-93-4	1,2-Dibromoethane	0.15	UQ	1	0.15	1.00	ug/L	11/20/25 13:07	VX112025
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	11/20/25 13:07	VX112025
108-90-7	Chlorobenzene	0.12	U	1	0.12	1.00	ug/L	11/20/25 13:07	VX112025
100-41-4	Ethyl Benzene	0.13	U	1	0.13	1.00	ug/L	11/20/25 13:07	VX112025
179601-23-1	m/p-Xylenes	0.24	U	1	0.24	2.00	ug/L	11/20/25 13:07	VX112025
95-47-6	o-Xylene	0.12	U	1	0.12	1.00	ug/L	11/20/25 13:07	VX112025
100-42-5	Styrene	0.15	U	1	0.15	1.00	ug/L	11/20/25 13:07	VX112025
75-25-2	Bromoform	0.19	U	1	0.19	1.00	ug/L	11/20/25 13:07	VX112025

Raw Data: **VX048632.D**

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Fax : 908 789 8922

Report of Analysis

Client:	Garden State Laboratories, Inc.	Date Collected:	11/19/25
Project:	Waste Water 2025	Date Received:	11/20/25
Client Sample ID:	251119025-03 Trip blank	SDG No.:	Q3689
Lab Sample ID:	Q3689-02	Matrix:	Water
Analytical Method:	8260D Level: LOW	% Solid:	0
Sample Wt/Vol:	5 mL Final Vol: 5000 uL	Test:	VOCMS Group2

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.12	UQ	1	0.12	1.00	ug/L	11/20/25 13:07	VX112025
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	1	0.26	1.00	ug/L	11/20/25 13:07	VX112025
541-73-1	1,3-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	11/20/25 13:07	VX112025
106-46-7	1,4-Dichlorobenzene	0.19	U	1	0.19	1.00	ug/L	11/20/25 13:07	VX112025
95-50-1	1,2-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	11/20/25 13:07	VX112025
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	1	0.53	1.00	ug/L	11/20/25 13:07	VX112025
120-82-1	1,2,4-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	11/20/25 13:07	VX112025
87-61-6	1,2,3-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	11/20/25 13:07	VX112025
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	56.5			74 - 125	113%	SPK: 50		
1868-53-7	Dibromofluoromethane	47.3			75 - 124	95%	SPK: 50		
2037-26-5	Toluene-d8	47.9			86 - 113	96%	SPK: 50		
460-00-4	4-Bromofluorobenzene	56.5			77 - 121	113%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	189000							
540-36-3	1,4-Difluorobenzene	351000							
3114-55-4	Chlorobenzene-d5	372000							
3855-82-1	1,4-Dichlorobenzene-d4	196000							

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: **VX048632.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112025\
Data File : VX048632.D
Acq On : 20 Nov 2025 13:07
Operator : JC/MD
Sample : Q3689-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
251119025-03 Trip blank

Quant Time: Nov 21 00:31:57 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	5.543	168	189254	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.744	114	351085	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.036	117	371633	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	196397	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	149097	56.538	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 113.080%			
35) Dibromofluoromethane	5.379	113	125777	47.334	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.660%			
50) Toluene-d8	8.634	98	397108	47.917	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 95.840%			
62) 4-Bromofluorobenzene	11.067	95	174592	56.530	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 113.060%			

Target Compounds Qvalue

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112025\
Data File : VX048632.D
Acq On : 20 Nov 2025 13:07
Operator : JC/MD
Sample : Q3689-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
251119025-03 Trip blank

Quant Time: Nov 21 00:31:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
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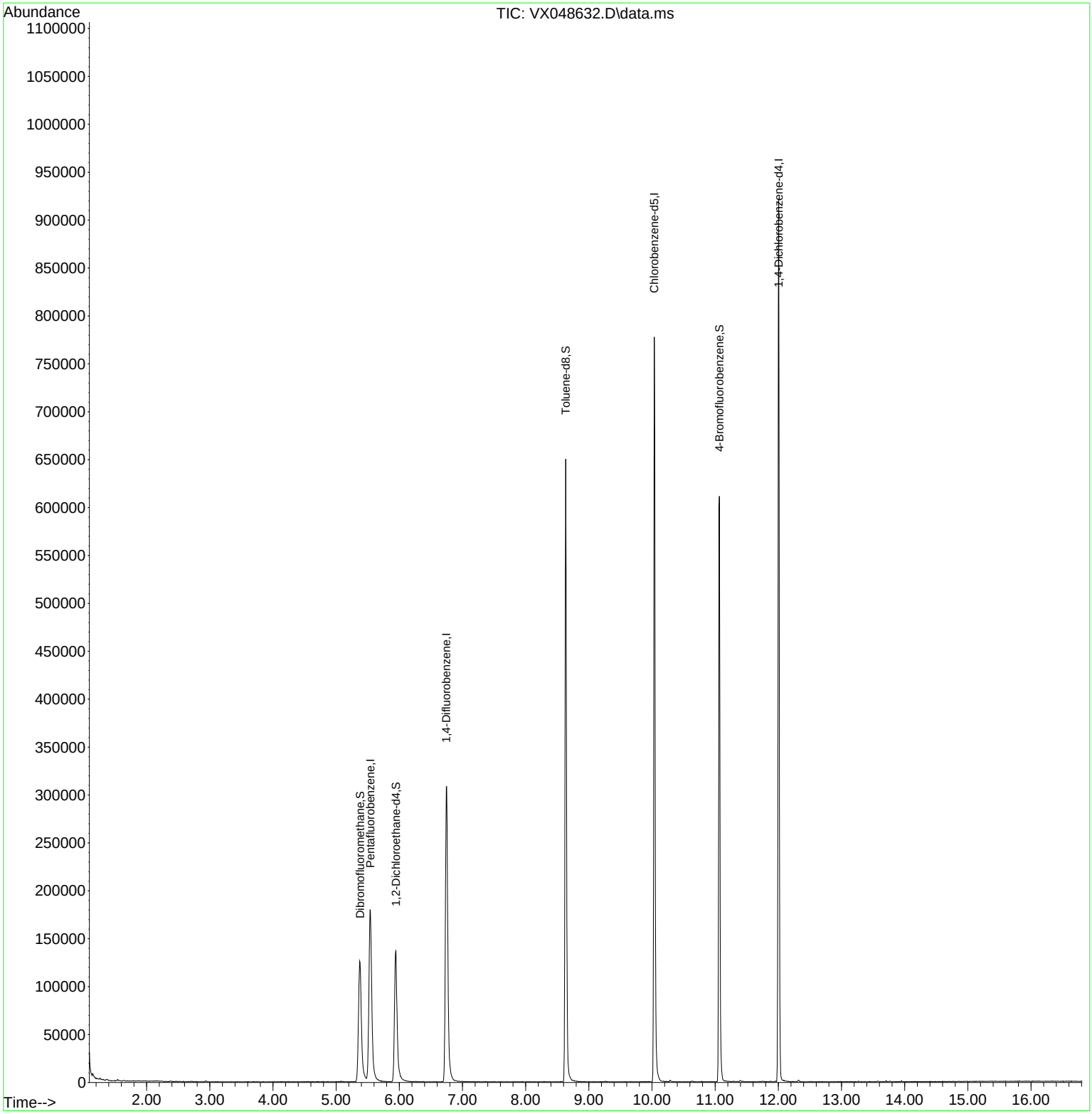
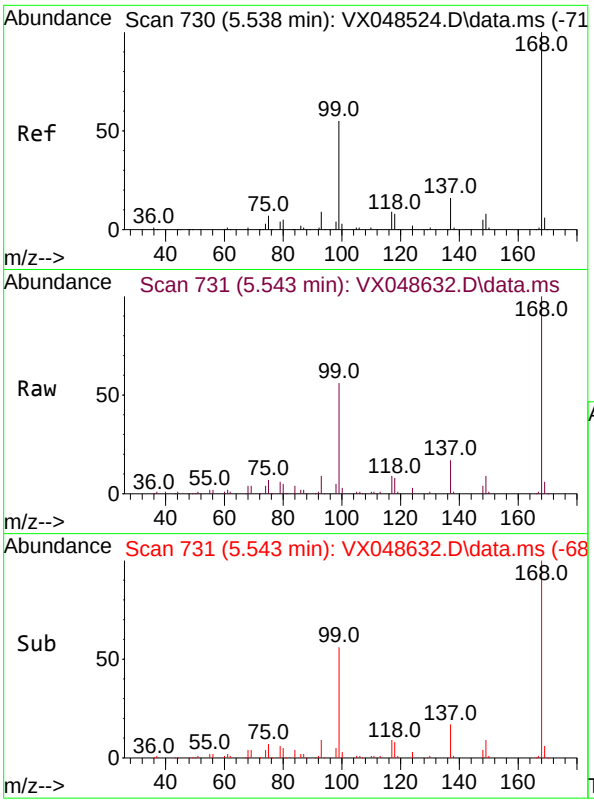
Response via : Initial Calibration



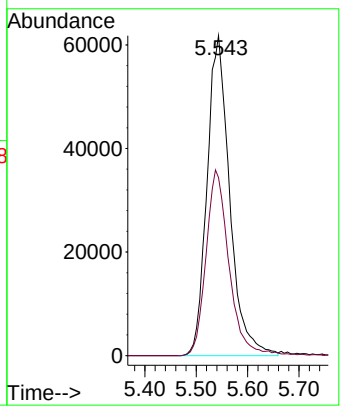
Instrument :
MSVOA_X
ClientSampleId :
251119025-03 Trip blank

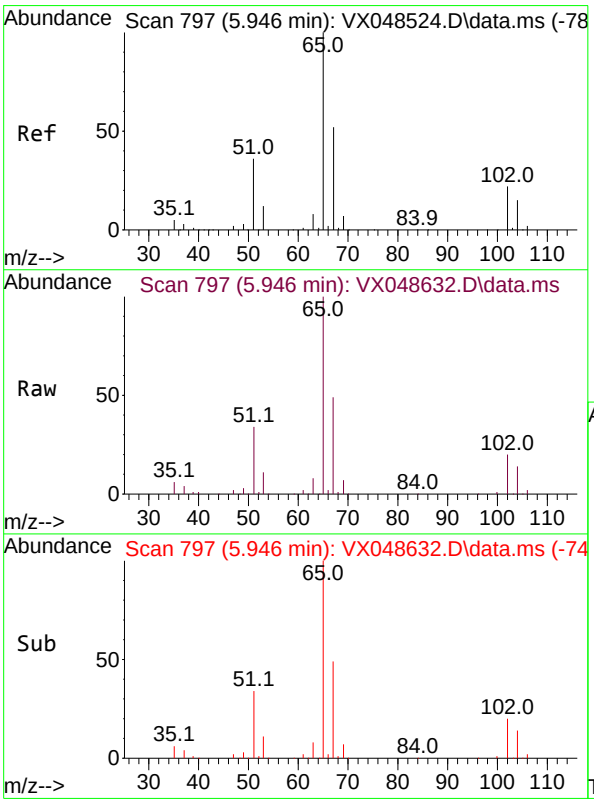


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 7
Delta R.T. 0.005 min
Lab File: VX048632.D
Acq: 20 Nov 2025 13:07

Tgt Ion:168 Resp: 189254

Ion	Ratio	Lower	Upper
168	100		
99	55.6	45.2	67.8

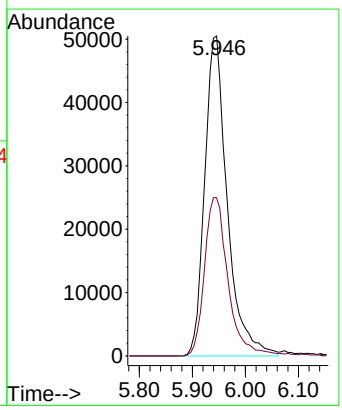


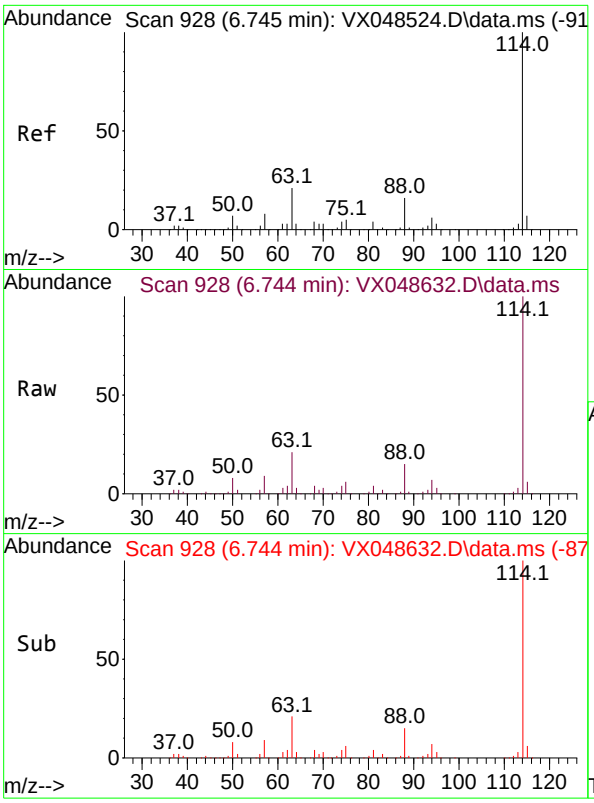


#33
1,2-Dichloroethane-d4
Concen: 56.538 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.000 min
Lab File: VX048632.D
Acq: 20 Nov 2025 13:07

Tgt Ion: 65 Resp: 149097

Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	106.2



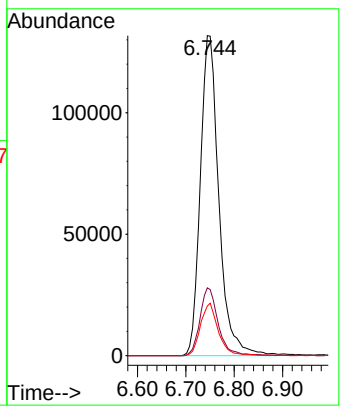


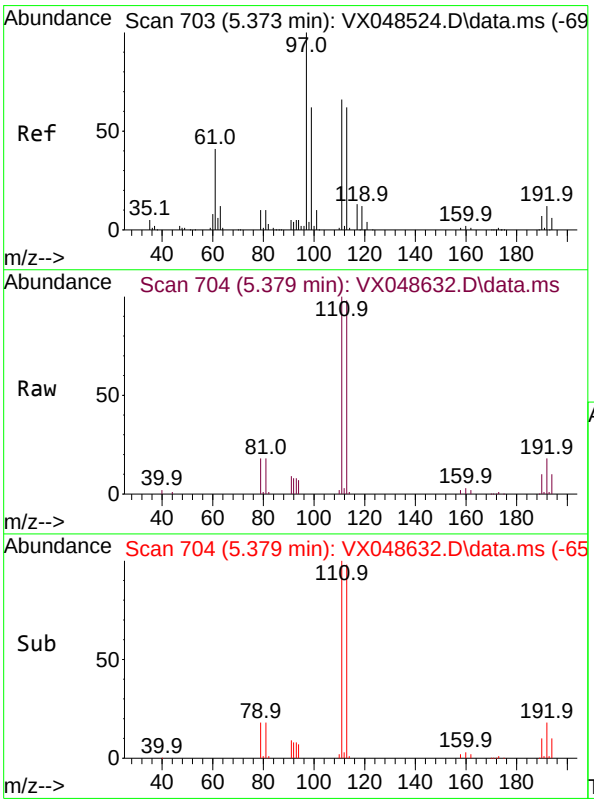
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.744 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX048632.D
Acq: 20 Nov 2025 13:07

Instrument :
MSVOA_X
ClientSampleId :
251119025-03 Trip blank

Tgt Ion:114 Resp: 351085

Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	41.2
88	15.5	0.0	32.2

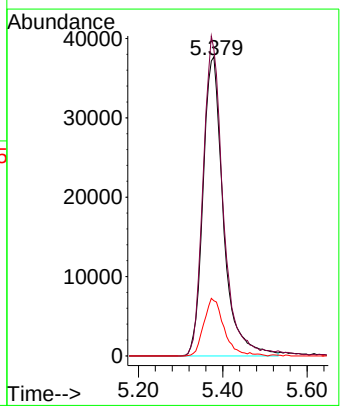


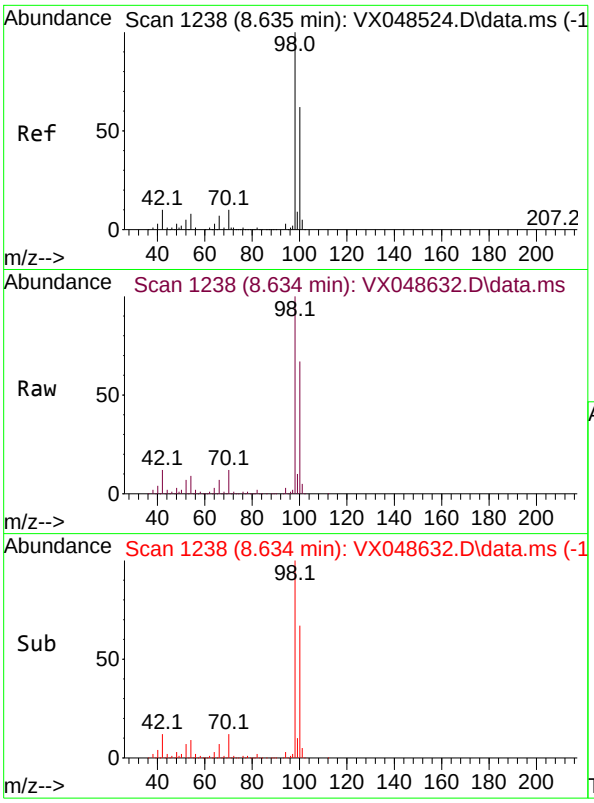


#35
Dibromofluoromethane
Concen: 47.334 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048632.D
Acq: 20 Nov 2025 13:07

Tgt Ion:113 Resp: 125777

Ion	Ratio	Lower	Upper
113	100		
111	106.6	81.9	122.9
192	19.2	15.8	23.6



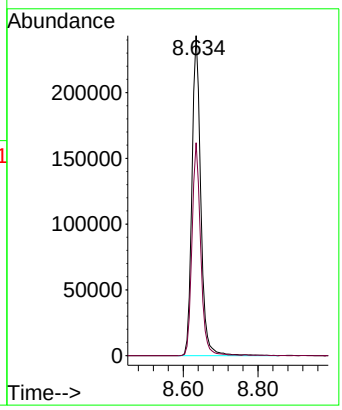


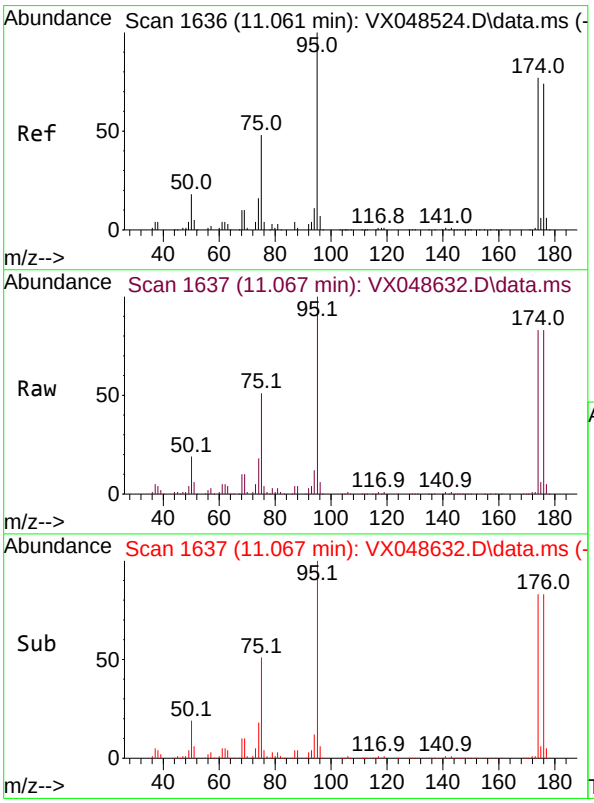
#50
Toluene-d8
Concen: 47.917 ug/l
RT: 8.634 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048632.D
Acq: 20 Nov 2025 13:07

Instrument :
MSVOA_X
ClientSampleId :
251119025-03 Trip blank

Tgt Ion: 98 Resp: 397108

Ion	Ratio	Lower	Upper
98	100		
100	65.4	53.6	80.4

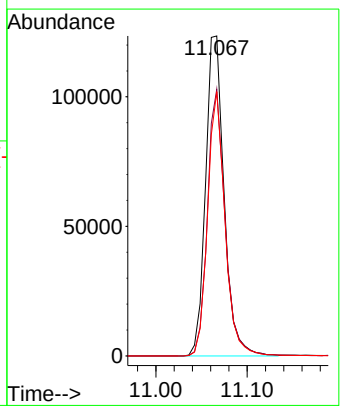


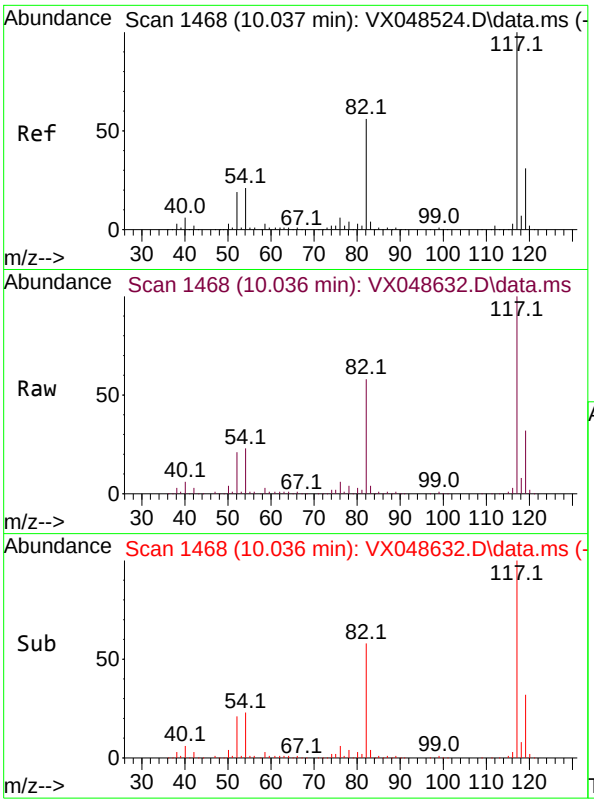


#62
4-Bromofluorobenzene
Concen: 56.530 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX048632.D
Acq: 20 Nov 2025 13:07

Tgt Ion: 95 Resp: 174592

Ion	Ratio	Lower	Upper
95	100		
174	79.6	0.0	161.8
176	77.6	0.0	153.6



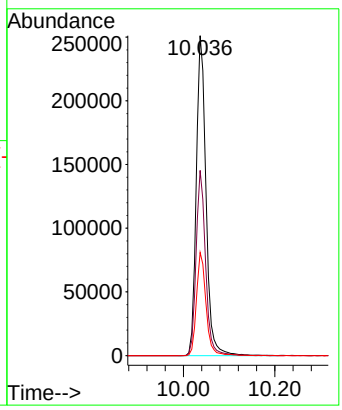


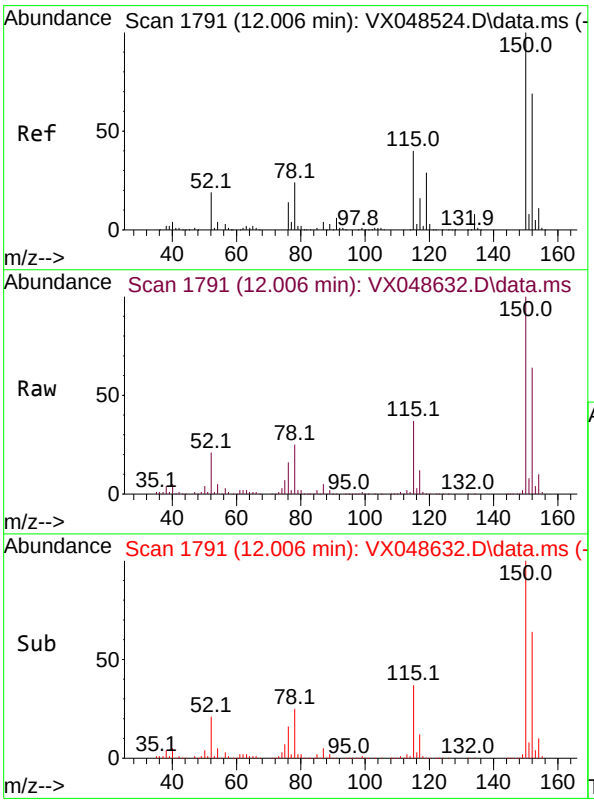
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.036 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048632.D
Acq: 20 Nov 2025 13:07

Instrument :
MSVOA_X
ClientSampleId :
251119025-03 Trip blank

Tgt Ion:117 Resp: 371633

Ion	Ratio	Lower	Upper
117	100		
82	57.9	44.4	66.6
119	32.2	25.1	37.7

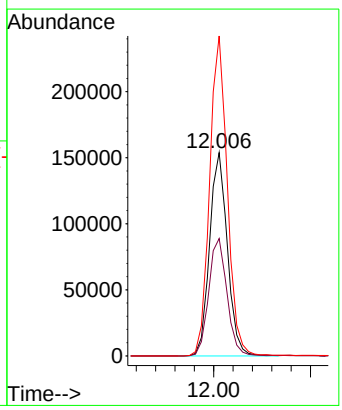




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048632.D
Acq: 20 Nov 2025 13:07

Tgt Ion:152 Resp: 196397

Ion	Ratio	Lower	Upper
152	100		
115	59.5	39.2	117.6
150	156.6	0.0	347.0



Sample Results: **VX048632.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112025\
Data File : VX048632.D
Acq On : 20 Nov 2025 13:07
Operator : JC/MD
Sample : Q3689-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
251119025-03 Trip blank

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Title : SW846 8260

Signal : TIC: VX048632.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.373	693	703	720	rBV	125662	411945	34.29%	6.359%
2	5.537	720	730	755	rVB	178767	562918	46.86%	8.690%
3	5.946	784	797	826	rBV	137454	412344	34.32%	6.365%
4	6.750	919	929	949	rBV	308277	818687	68.15%	12.638%
5	8.634	1231	1238	1254	rBV	649789	1057563	88.03%	16.325%
6	10.036	1462	1468	1487	rBV	777227	1147389	95.51%	17.712%
7	11.067	1631	1637	1652	rBV	611070	865815	72.07%	13.365%
8	12.006	1785	1791	1801	rBV	921529	1201329	100.00%	18.545%

Sum of corrected areas: 6477990

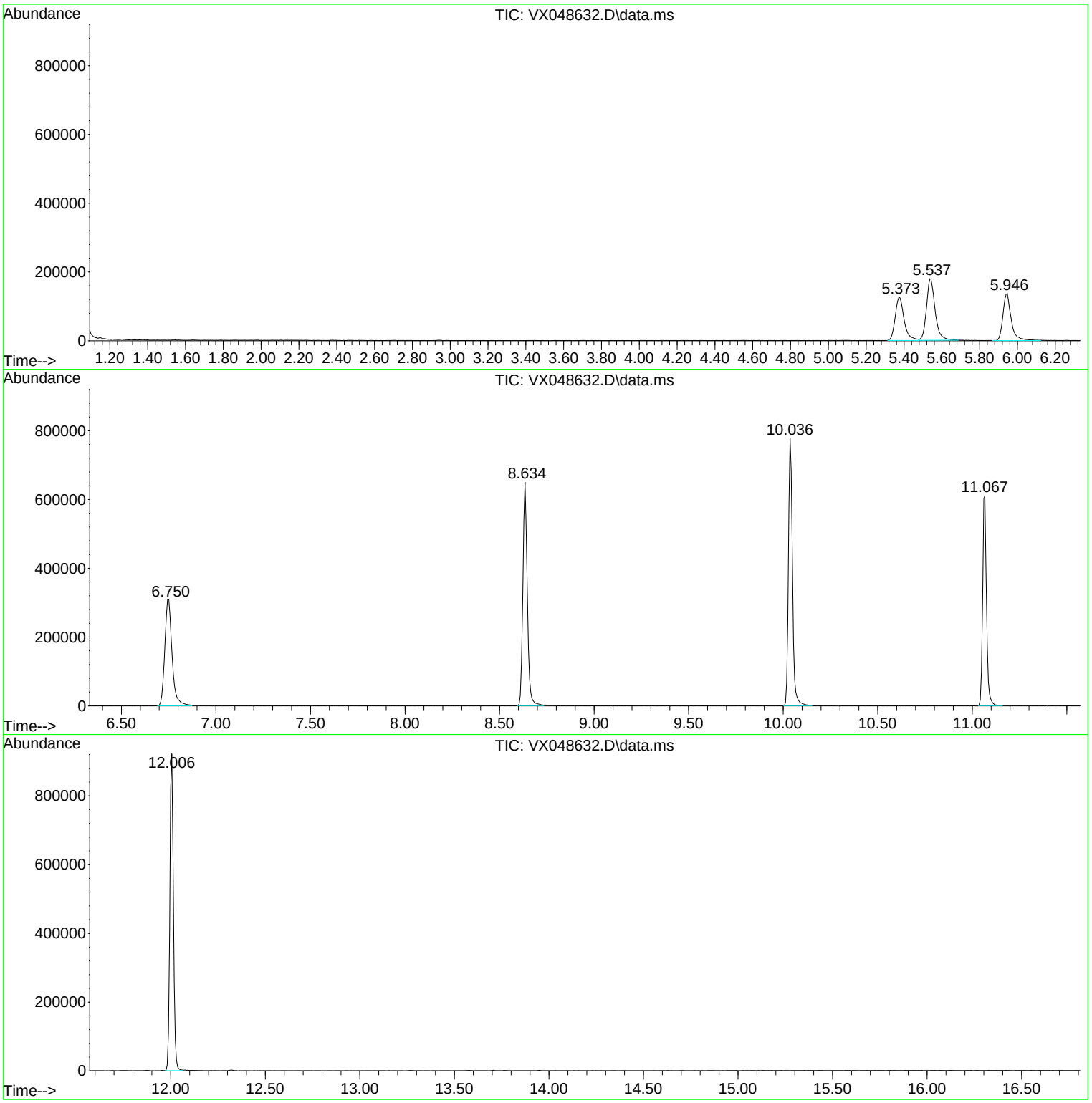
Sample Results: **VX048632.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112025\
Data File : VX048632.D
Acq On : 20 Nov 2025 13:07
Operator : JC/MD
Sample : Q3689-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
251119025-03 Trip blank

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Sample Results: **VX048632.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112025\
Data File : VX048632.D
Acq On : 20 Nov 2025 13:07
Operator : JC/MD
Sample : Q3689-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
251119025-03 Trip blank

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112025\
Data File : VX048632.D
Acq On : 20 Nov 2025 13:07
Operator : JC/MD
Sample : Q3689-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
251119025-03 Trip blank

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

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: GARD04

Lab Code: ACE SDG No.: Q3689

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
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
1,1-Dichloroethene	0.669	0.584	0.591	0.555	0.548	0.545	0.582	8
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
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
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
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
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

* 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: GARD04

Lab Code: ACE SDG No.: Q3689

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
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
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
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
1,3-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
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
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

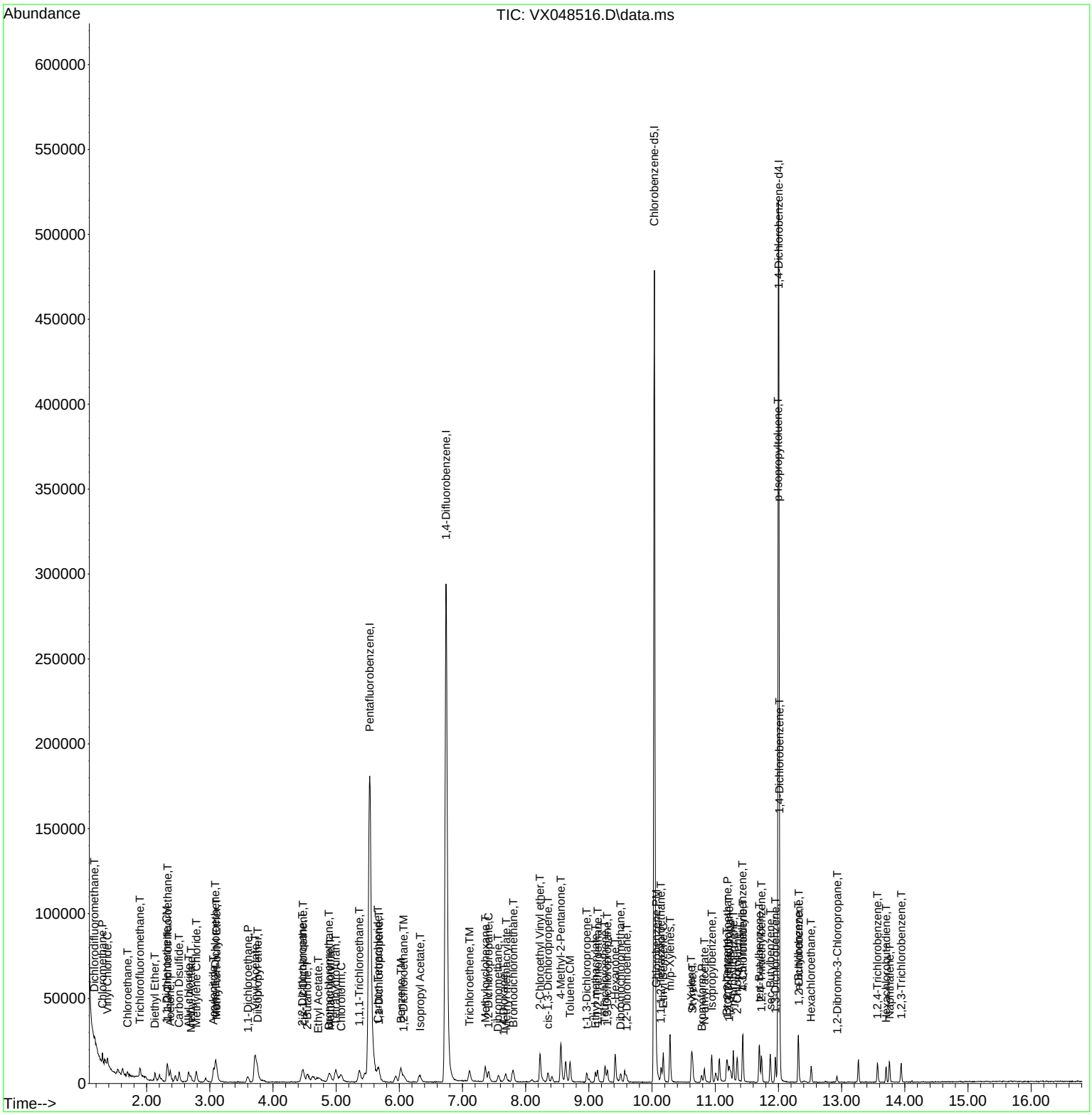
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110725\
Data File : VX048516.D
Acq On : 07 Nov 2025 13:35
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

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

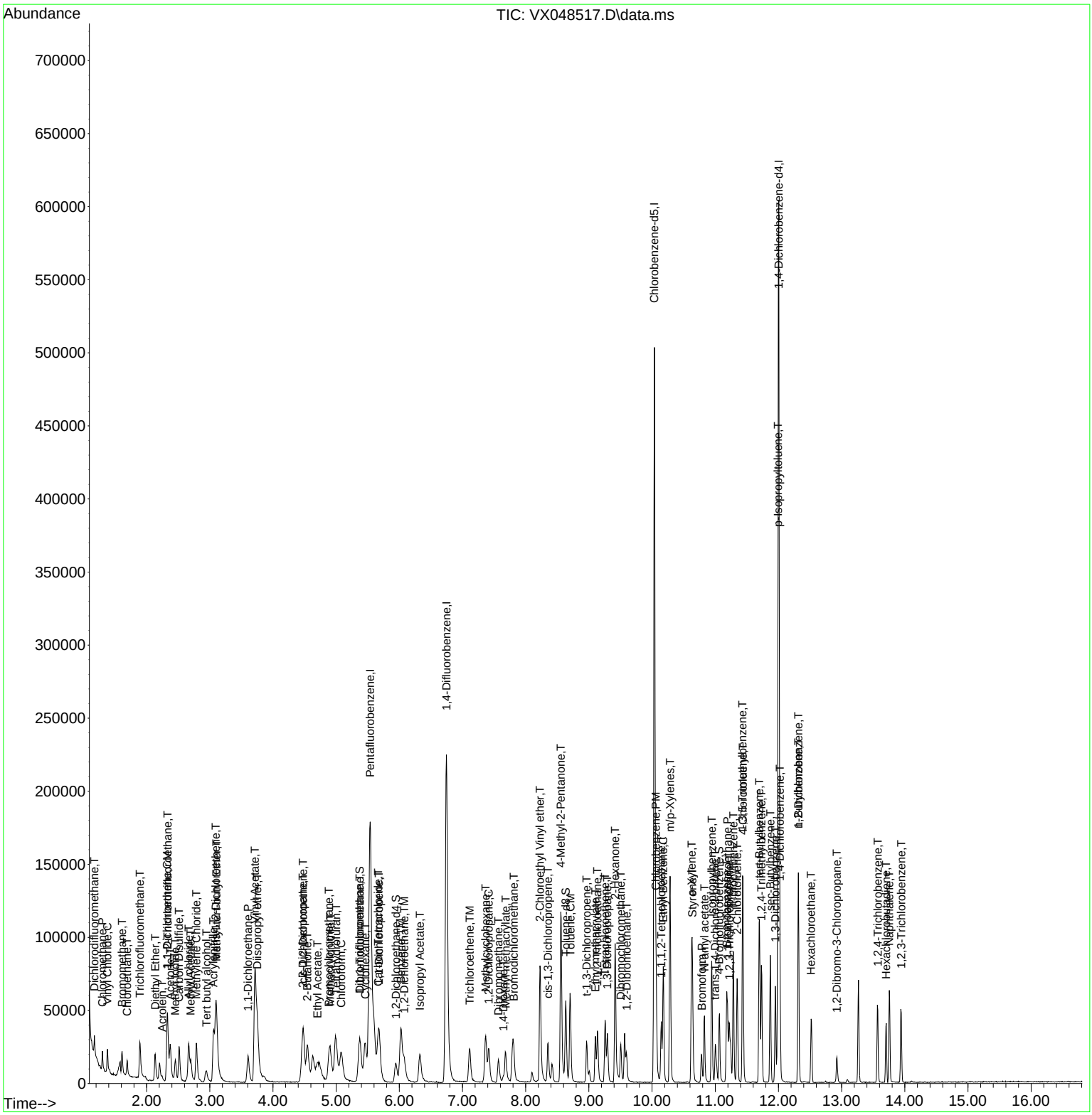
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110725\
Data File : VX048517.D
Acq On : 07 Nov 2025 13:56
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

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

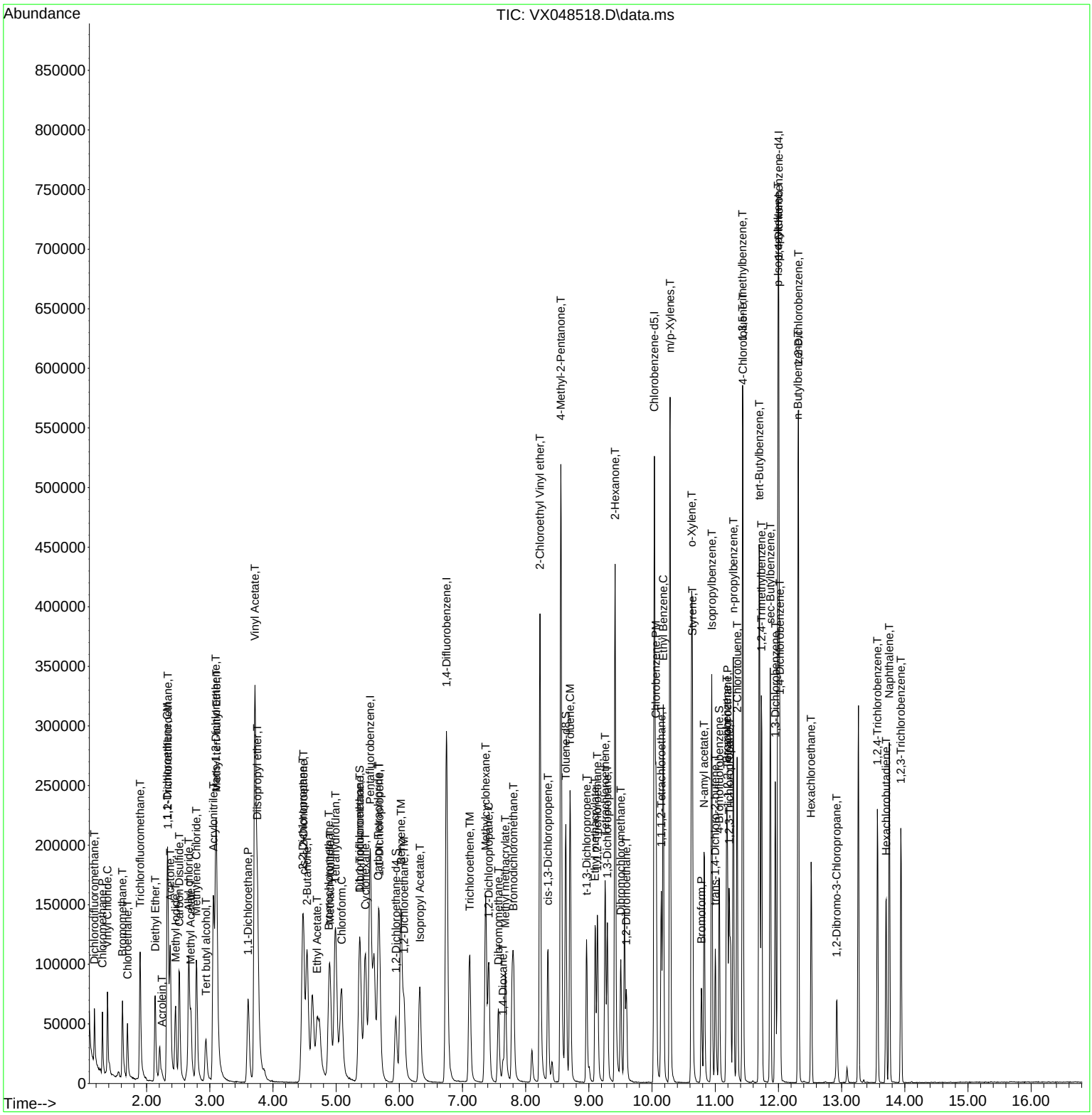
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110725\
Data File : VX048518.D
Acq On : 07 Nov 2025 14:16
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

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

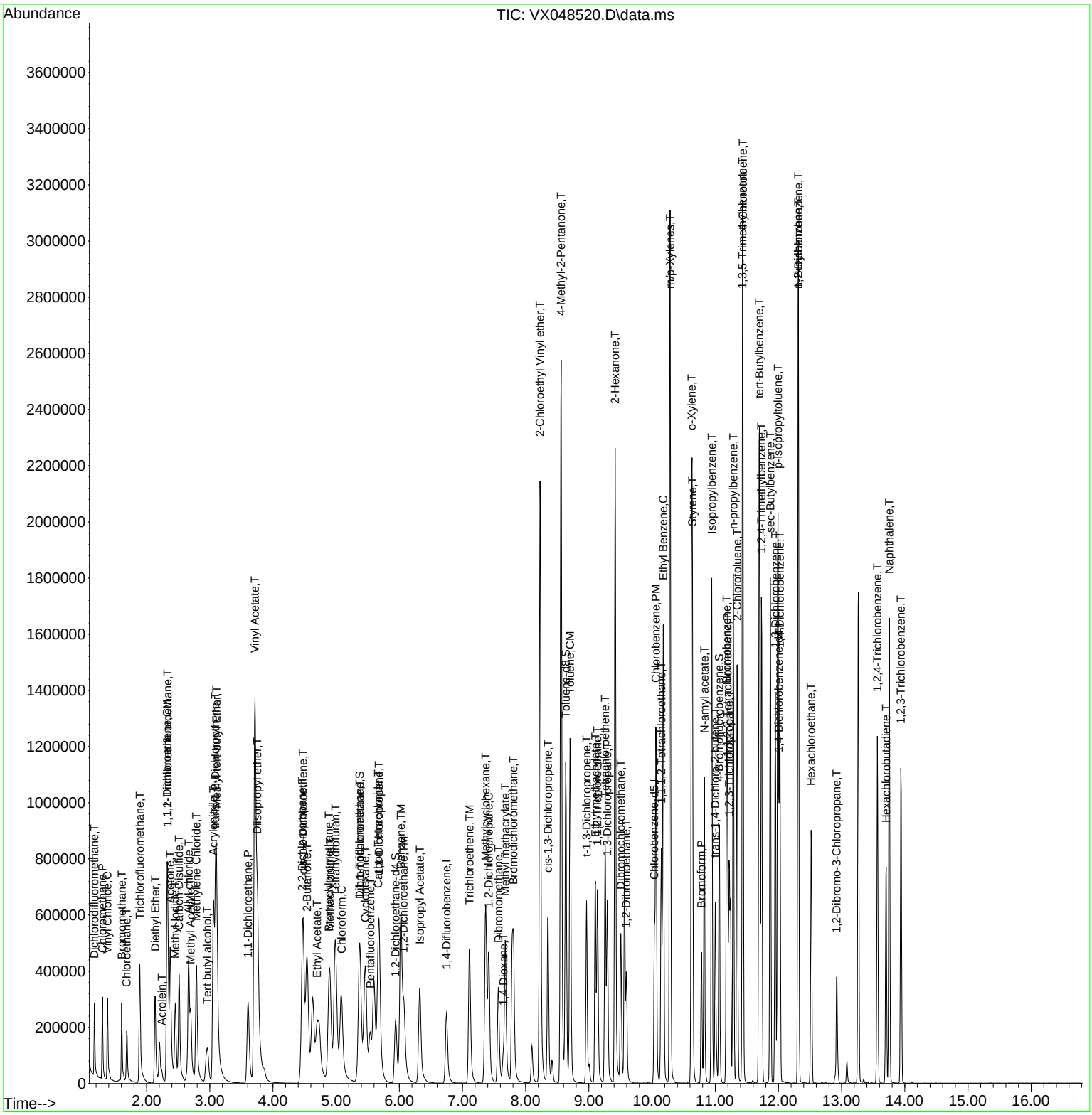
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110725\
Data File : VX048520.D
Acq On : 07 Nov 2025 14:58
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

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

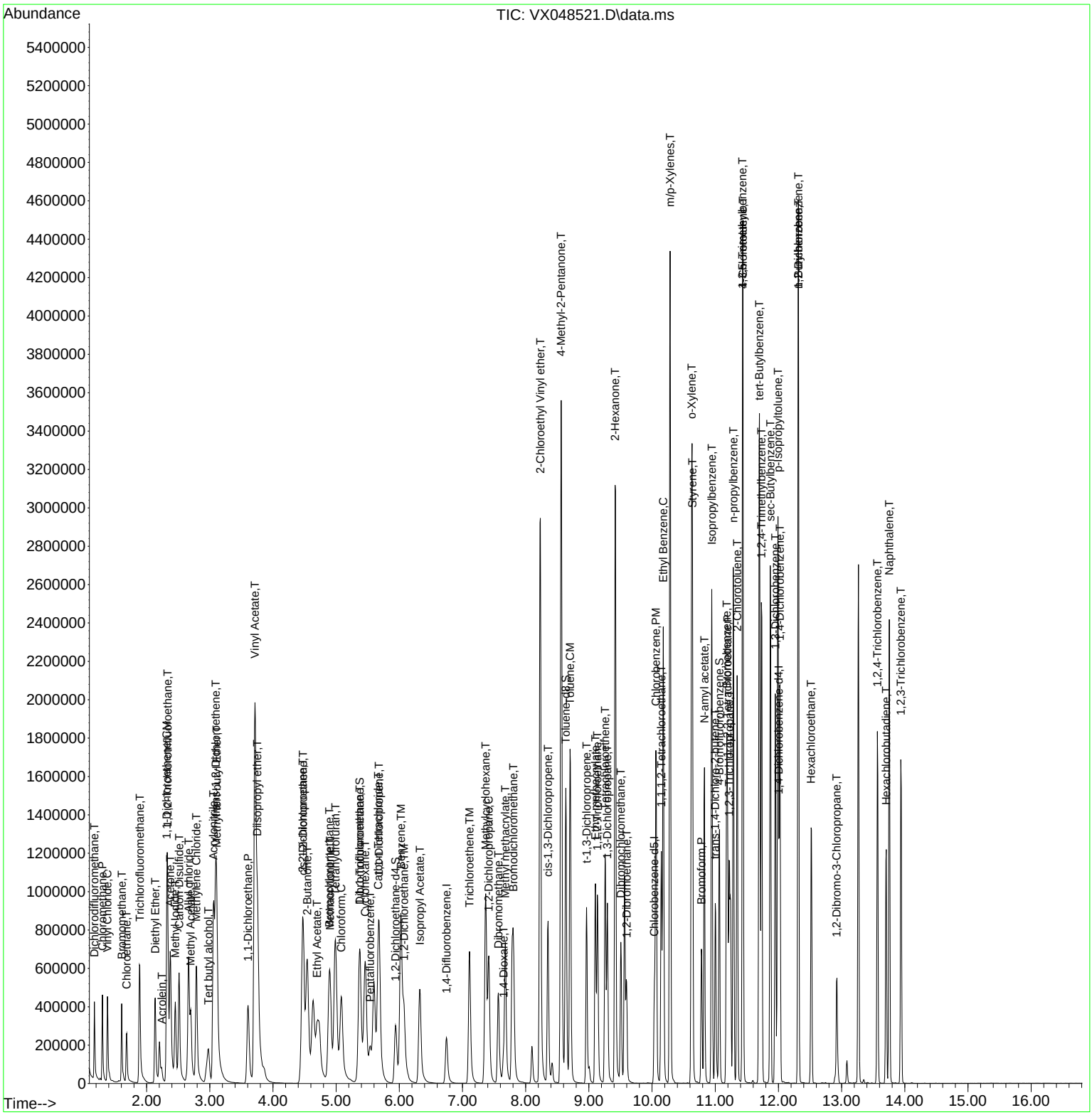
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110725\
Data File : VX048521.D
Acq On : 07 Nov 2025 15:18
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

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

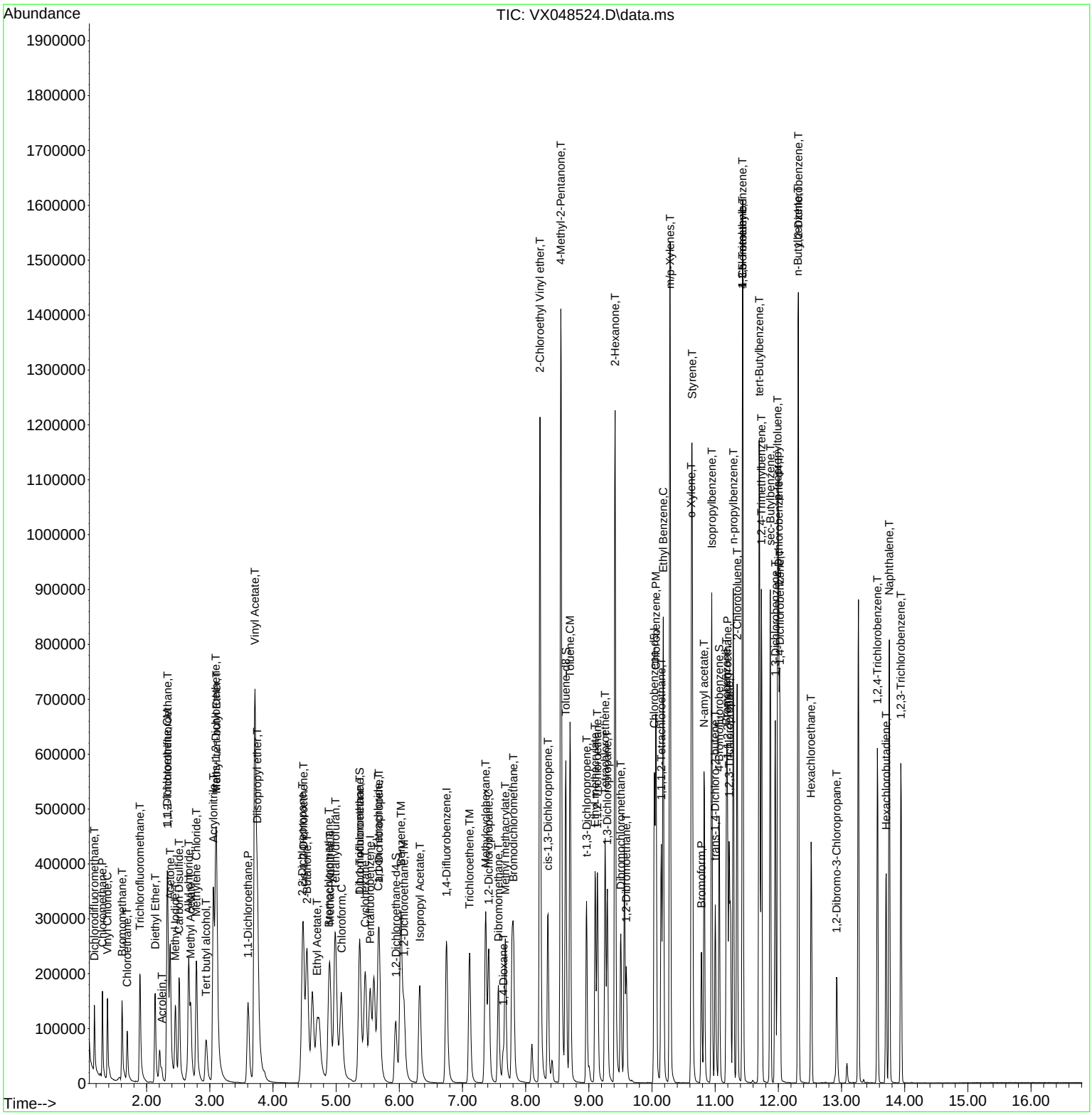
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110725\
Data File : VX048524.D
Acq On : 07 Nov 2025 16:29
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

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

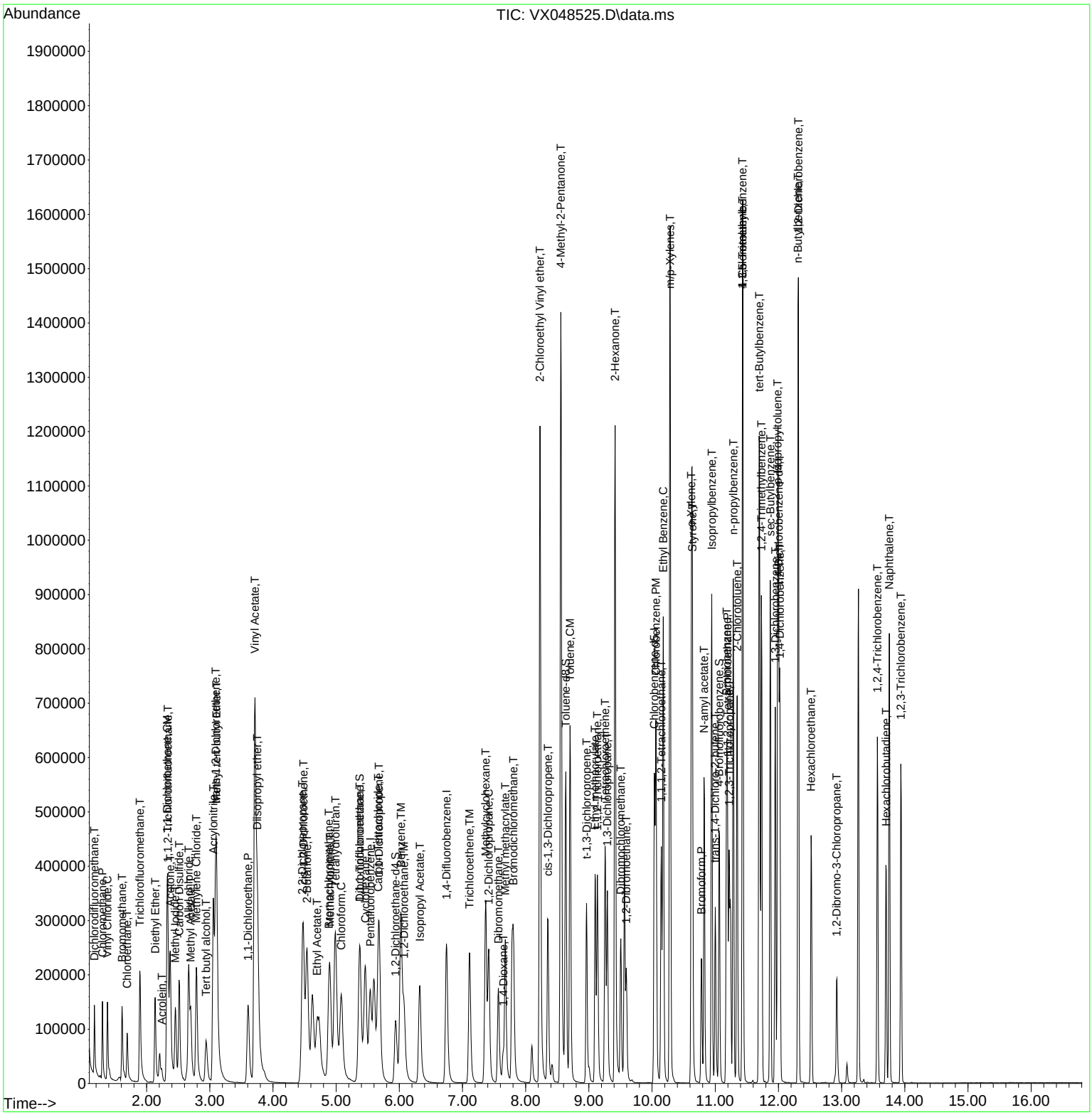
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110725\
Data File : VX048525.D
Acq On : 07 Nov 2025 16:50
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

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: **VX048623.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: GARD04
Lab Code: ACE
SDG No.: Q3689
Instrument ID: MSVOA_X
Calibration Date/Time: 11/20/2025 08:51
Lab File ID: VX048623.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	0.422		4.2	20
Chloromethane	0.537	0.565	0.1	5.21	20
Vinyl Chloride	0.608	0.648		6.58	20
Bromomethane	0.384	0.405		5.47	20
Chloroethane	0.398	0.390		-2.01	20
Trichlorofluoromethane	0.963	0.974		1.14	20
1,1,2-Trichlorotrifluoroethane	0.557	0.633		13.65	20
1,1-Dichloroethene	0.582	0.611		4.98	20
Acetone	0.330	0.299		-9.39	20
Carbon Disulfide	1.638	1.306		-20.27	20
Methyl tert-butyl Ether	2.055	2.015		-1.95	20
Methyl Acetate	0.906	0.883		-2.54	20
Methylene Chloride	0.678	0.598		-11.8	20
trans-1,2-Dichloroethene	0.617	0.546		-11.51	20
1,1-Dichloroethane	1.142	1.056	0.1	-7.53	20
Cyclohexane	0.936	0.908		-2.99	20
2-Butanone	0.488	0.448		-8.4	20
Carbon Tetrachloride	0.577	0.570		-1.21	20
cis-1,2-Dichloroethene	0.754	0.658		-12.73	20
Bromochloromethane	0.561	0.491		-12.48	20
Chloroform	1.179	1.201		1.87	20
1,1,1-Trichloroethane	1.029	1.045		1.55	20
Methylcyclohexane	0.569	0.609		7.03	20
Benzene	1.571	1.555		-1.02	20
1,2-Dichloroethane	0.538	0.552		2.6	20
Trichloroethene	0.375	0.403		7.47	20
1,2-Dichloropropane	0.361	0.397		9.97	20
Bromodichloromethane	0.526	0.583		10.84	20
4-Methyl-2-Pentanone	0.571	0.615		7.71	20
Toluene	0.827	0.892		7.86	20
t-1,3-Dichloropropene	0.541	0.575		6.28	20
cis-1,3-Dichloropropene	0.561	0.616		9.8	20
1,1,2-Trichloroethane	0.330	0.370		12.12	20
2-Hexanone	0.425	0.450		5.88	20
Dibromochloromethane	0.406	0.456		12.31	20
1,2-Dibromoethane	0.358	0.384		7.26	20
Tetrachloroethene	0.363	0.382		5.23	20
Chlorobenzene	1.187	1.242	0.3	4.63	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: **VX048623.D**

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: GARD04
Lab Code: ACE
SDG No.: Q3689
Instrument ID: MSVOA_X
Calibration Date/Time: 11/20/2025 08:51
Lab File ID: VX048623.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
Ethyl Benzene	1.993	2.094		5.07	20
m/p-Xylenes	0.751	0.803		6.92	20
o-Xylene	0.734	0.780		6.27	20
Styrene	1.232	1.339		8.69	20
Bromoform	0.367	0.409	0.1	11.44	20
Isopropylbenzene	3.629	3.911		7.77	20
1,1,2,2-Tetrachloroethane	1.280	1.350	0.3	5.47	20
1,3-Dichlorobenzene	1.756	1.855		5.64	20
1,4-Dichlorobenzene	1.814	1.882		3.75	20
1,2-Dichlorobenzene	1.686	1.785		5.87	20
1,2-Dibromo-3-Chloropropane	0.297	0.315		6.06	20
1,2,4-Trichlorobenzene	1.120	1.225		9.38	20
1,2,3-Trichlorobenzene	1.042	1.130		8.44	20
1,2-Dichloroethane-d4	0.697	0.604		-13.34	20
Dibromofluoromethane	0.378	0.320		-15.34	20
Toluene-d8	1.180	1.011		-14.32	20
4-Bromofluorobenzene	0.440	0.381		-13.41	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\VX112025\
Data File : VX048623.D
Acq On : 20 Nov 2025 08:51
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: Nov 21 00:26:45 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	5.531	168	211731	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.739	114	335676	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	273725	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	140728	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	127887	43.347	ug/l	-0.01
Spiked Amount 50.000	Range 78 - 117		Recovery = 86.700%			
35) Dibromofluoromethane	5.361	113	107252	42.215	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery = 84.440%			
50) Toluene-d8	8.628	98	339339	42.826	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 85.660%#			
62) 4-Bromofluorobenzene	11.061	95	127825	43.288	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 86.580%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	89440	52.131	ug/l	99
3) Chloromethane	1.301	50	119616	52.566	ug/l	100
4) Vinyl Chloride	1.380	62	137166	53.239	ug/l	98
5) Bromomethane	1.611	94	85738	52.701	ug/l	100
6) Chloroethane	1.691	64	82484	48.886	ug/l	99
7) Trichlorofluoromethane	1.892	101	206186	50.585	ug/l	99
8) Diethyl Ether	2.130	74	77354	47.278	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	134070	56.816	ug/l	98
10) Methyl Iodide	2.453	142	166921	47.799	ug/l	98
11) Tert butyl alcohol	2.934	59	140652	251.592	ug/l	98
12) 1,1-Dichloroethene	2.325	96	129466	52.527	ug/l	91
13) Acrolein	2.233	56	16304	201.566	ug/l	91
14) Allyl chloride	2.660	41	213378	46.497	ug/l	94
15) Acrylonitrile	3.050	53	402859	246.851	ug/l	99
16) Acetone	2.367	43	316468	226.609	ug/l	99
17) Carbon Disulfide	2.514	76	276589	39.878	ug/l	99
18) Methyl Acetate	2.691	43	187060	48.741	ug/l	99
19) Methyl tert-butyl Ether	3.099	73	426584	49.011	ug/l	100
20) Methylene Chloride	2.782	84	126642	44.108	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	115645	44.269	ug/l	95
22) Diisopropyl ether	3.739	45	423694	48.083	ug/l	89
23) Vinyl Acetate	3.703	43	1871923	242.555	ug/l	98
24) 1,1-Dichloroethane	3.599	63	223687	46.263	ug/l	98
25) 2-Butanone	4.526	43	473748	229.314	ug/l	97
26) 2,2-Dichloropropane	4.458	77	200841	48.724	ug/l	97
27) cis-1,2-Dichloroethene	4.471	96	139335	43.636	ug/l	94
28) Bromochloromethane	4.873	49	103933	43.757	ug/l	97
29) Tetrahydrofuran	4.971	42	377498	256.197	ug/l	99
30) Chloroform	5.068	83	254321	50.950	ug/l	99
31) Cyclohexane	5.458	56	192284	48.536	ug/l	94
32) 1,1,1-Trichloroethane	5.367	97	221284	50.797	ug/l	99
36) 1,1-Dichloropropene	5.672	75	164220	48.272	ug/l	99
37) Ethyl Acetate	4.684	43	230729	48.181	ug/l	97
38) Carbon Tetrachloride	5.653	117	191385	49.420	ug/l	98
39) Methylcyclohexane	7.360	83	204447	53.522	ug/l	95
40) Benzene	6.013	78	522017	49.502	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112025\
Data File : VX048623.D
Acq On : 20 Nov 2025 08:51
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: Nov 21 00:26:45 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)
41) Methacrylonitrile	4.891	41	109977	52.222	ug/l		98
42) 1,2-Dichloroethane	6.062	62	185354	51.300	ug/l		98
43) Isopropyl Acetate	6.312	43	355290	52.780	ug/l		99
44) Trichloroethene	7.104	130	135300	53.677	ug/l		99
45) 1,2-Dichloropropane	7.409	63	133177	54.925	ug/l		100
46) Dibromomethane	7.562	93	97559	55.165	ug/l		98
47) Bromodichloromethane	7.799	83	195763	55.487	ug/l		99
48) Methyl methacrylate	7.671	41	160816	53.741	ug/l		99
49) 1,4-Dioxane	7.635	88	54903	1204.094	ug/l		99
51) 4-Methyl-2-Pentanone	8.549	43	1032163	269.367	ug/l		100
52) Toluene	8.702	92	299378	53.923	ug/l		100
53) t-1,3-Dichloropropene	8.958	75	193107	53.119	ug/l		99
54) cis-1,3-Dichloropropene	8.348	75	206643	54.896	ug/l		98
55) 1,1,2-Trichloroethane	9.134	97	124297	56.035	ug/l		98
56) Ethyl methacrylate	9.098	69	209279	56.708	ug/l		98
57) 1,3-Dichloropropane	9.287	76	202401	52.422	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.220	63	565927	285.228	ug/l		99
59) 2-Hexanone	9.409	43	755419	265.029	ug/l		100
60) Dibromochloromethane	9.500	129	152993	56.176	ug/l		100
61) 1,2-Dibromoethane	9.592	107	128938	53.667	ug/l		98
64) Tetrachloroethene	9.256	164	104572	52.598	ug/l		96
65) Chlorobenzene	10.061	112	340055	52.341	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.140	131	121586	55.853	ug/l		100
67) Ethyl Benzene	10.177	91	573276	52.546	ug/l		97
68) m/p-Xylenes	10.281	106	439520	106.968	ug/l		99
69) o-Xylene	10.622	106	213442	53.093	ug/l		99
70) Styrene	10.634	104	366648	54.369	ug/l		100
71) Bromoform	10.781	173	112012	55.773	ug/l		99
73) Isopropylbenzene	10.945	105	550354	53.878	ug/l		100
74) N-amyl acetate	10.823	43	261369	50.959	ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.195	83	189976	52.737	ug/l		100
76) 1,2,3-Trichloropropane	11.219	75	155235m	45.787	ug/l		
77) Bromobenzene	11.177	156	141613	53.688	ug/l		99
78) n-propylbenzene	11.287	91	638486	53.158	ug/l		99
79) 2-Chlorotoluene	11.348	91	383479	52.836	ug/l		99
80) 1,3,5-Trimethylbenzene	11.433	105	445921	53.549	ug/l		98
81) trans-1,4-Dichloro-2-b...	11.000	75	68284	57.609	ug/l	#	78
82) 4-Chlorotoluene	11.433	91	448059	52.628	ug/l		100
83) tert-Butylbenzene	11.695	119	465788	54.079	ug/l		97
84) 1,2,4-Trimethylbenzene	11.732	105	454515	54.095	ug/l		99
85) sec-Butylbenzene	11.872	105	580336	54.516	ug/l		100
86) p-Isopropyltoluene	11.988	119	489583	54.704	ug/l		100
87) 1,3-Dichlorobenzene	11.951	146	261106	52.816	ug/l		99
88) 1,4-Dichlorobenzene	12.024	146	264808	51.858	ug/l		100
89) n-Butylbenzene	12.311	91	452542	53.901	ug/l		100
90) Hexachloroethane	12.518	117	91987	53.946	ug/l		95
91) 1,2-Dichlorobenzene	12.317	146	251174	52.925	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	44280	52.895	ug/l		96
93) 1,2,4-Trichlorobenzene	13.567	180	172386	54.662	ug/l		99
94) Hexachlorobutadiene	13.707	225	69322	52.583	ug/l		99
95) Naphthalene	13.756	128	574711	56.680	ug/l		100
96) 1,2,3-Trichlorobenzene	13.939	180	159045	54.218	ug/l		100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112025\
Data File : VX048623.D
Acq On : 20 Nov 2025 08:51
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: Nov 21 00:26:45 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

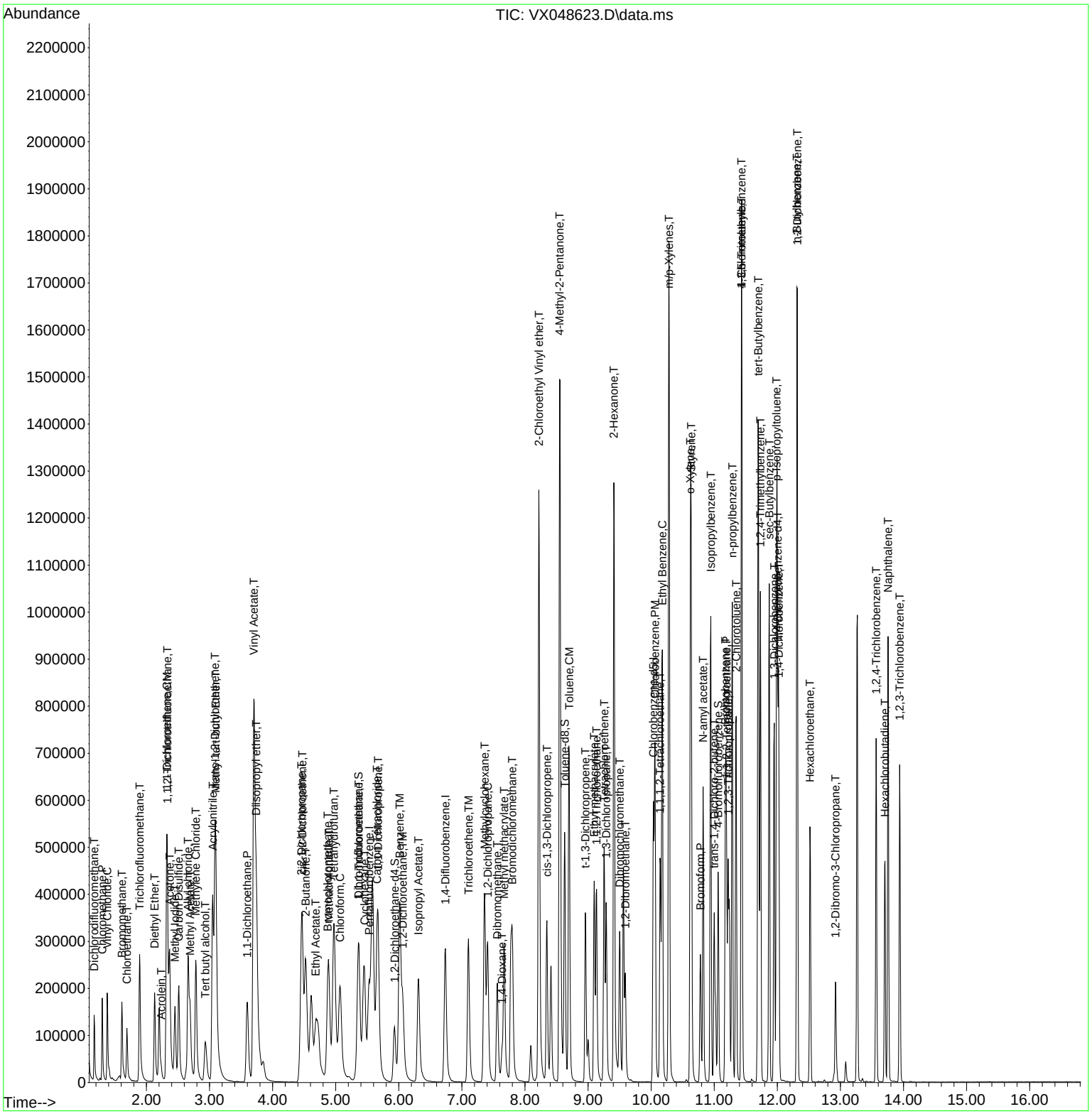
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112025\
Data File : VX048623.D
Acq On : 20 Nov 2025 08:51
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: Nov 21 00:26:45 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



Sample Results: **VX048623.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112025\
Data File : VX048623.D
Acq On : 20 Nov 2025 08:51
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Nov 21 00:26:45 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	118	0.00
2	T	Dichlorodifluoromethane	0.405	0.422	-4.2	117	0.00
3	P	Chloromethane	0.537	0.565	-5.2	112	0.00
4	C	Vinyl Chloride	0.608	0.648	-6.6#	127	0.00
5	T	Bromomethane	0.384	0.405	-5.5	112	0.00
6	T	Chloroethane	0.398	0.390	2.0	120	0.00
7	T	Trichlorofluoromethane	0.963	0.974	-1.1	129	0.00
8	T	Diethyl Ether	0.386	0.365	5.4	109	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.557	0.633	-13.6	145	0.00
10	T	Methyl Iodide	0.825	0.788	4.5	113	0.00
11	T	Tert butyl alcohol	0.132	0.133	-0.8	113	0.00
12	CM	1,1-Dichloroethene	0.582	0.611	-5.0#	132	0.00
13	T	Acrolein	0.019	0.015	21.1	90	0.00
14	T	Allyl chloride	1.084	1.008	7.0	113	0.00
15	T	Acrylonitrile	0.385	0.381	1.0	111	0.00
16	T	Acetone	0.330	0.299	9.4	107	0.00
17	T	Carbon Disulfide	1.638	1.306	20.3	103	0.00
18	T	Methyl Acetate	0.906	0.883	2.5	120	0.00
19	T	Methyl tert-butyl Ether	2.055	2.015	1.9	112	0.00
20	T	Methylene Chloride	0.678	0.598	11.8	108	0.00
21	T	trans-1,2-Dichloroethene	0.617	0.546	11.5	107	0.00
22	T	Diisopropyl ether	2.081	2.001	3.8	114	-0.01
23	T	Vinyl Acetate	1.822	1.768	3.0	114	-0.01
24	P	1,1-Dichloroethane	1.142	1.056	7.5	113	0.00
25	T	2-Butanone	0.488	0.447	8.4	104	-0.01
26	T	2,2-Dichloropropane	0.973	0.949	2.5	126	0.00
27	T	cis-1,2-Dichloroethene	0.754	0.658	12.7	107	-0.01
28	T	Bromochloromethane	0.561	0.491	12.5	106	-0.01
29	T	Tetrahydrofuran	0.348	0.357	-2.6	120	-0.02
30	C	Chloroform	1.179	1.201	-1.9#	126	-0.02
31	T	Cyclohexane	0.936	0.908	3.0	123	0.00
32	T	1,1,1-Trichloroethane	1.029	1.045	-1.6	126	0.00
33	S	1,2-Dichloroethane-d4	0.697	0.604	13.3	104	-0.01
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	109	0.00
35	S	Dibromofluoromethane	0.378	0.320	15.3	99	-0.01
36	T	1,1-Dichloropropene	0.507	0.489	3.6	125	0.00
37	T	Ethyl Acetate	0.713	0.687	3.6	113	-0.01
38	T	Carbon Tetrachloride	0.577	0.570	1.2	128	-0.01
39	T	Methylcyclohexane	0.569	0.609	-7.0	130	0.00
40	TM	Benzene	1.571	1.555	1.0	121	-0.01
41	T	Methacrylonitrile	0.314	0.328	-4.5	121	-0.01
42	TM	1,2-Dichloroethane	0.538	0.552	-2.6	125	-0.01
43	T	Isopropyl Acetate	1.003	1.058	-5.5	124	-0.01
44	TM	Trichloroethene	0.375	0.403	-7.5	124	0.00
45	C	1,2-Dichloropropane	0.361	0.397	-10.0#	121	0.00
46	T	Dibromomethane	0.263	0.291	-10.6	118	0.00
47	T	Bromodichloromethane	0.526	0.583	-10.8	117	0.00
48	T	Methyl methacrylate	0.446	0.479	-7.4	113	0.00

Sample Results: **VX048623.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112025\
Data File : VX048623.D
Acq On : 20 Nov 2025 08:51
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Nov 21 00:26:45 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	0.008	-14.3	121	-0.01
50	S	Toluene-d8	1.180	1.011	14.3	92	0.00
51	T	4-Methyl-2-Pentanone	0.571	0.615	-7.7	108	0.00
52	CM	Toluene	0.827	0.892	-7.9#	111	0.00
53	T	t-1,3-Dichloropropene	0.541	0.575	-6.3	110	0.00
54	T	cis-1,3-Dichloropropene	0.561	0.616	-9.8	111	0.00
55	T	1,1,2-Trichloroethane	0.330	0.370	-12.1	112	0.00
56	T	Ethyl methacrylate	0.550	0.623	-13.3	110	0.00
57	T	1,3-Dichloropropane	0.575	0.603	-4.9	106	0.00
58	T	2-Chloroethyl Vinyl ether	0.296	0.337	-13.9	104	0.00
59	T	2-Hexanone	0.425	0.450	-5.9	106	0.00
60	T	Dibromochloromethane	0.406	0.456	-12.3	114	0.00
61	T	1,2-Dibromoethane	0.358	0.384	-7.3	110	0.00
62	S	4-Bromofluorobenzene	0.440	0.381	13.4	94	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	101	0.00
64	T	Tetrachloroethene	0.363	0.382	-5.2	118	0.00
65	PM	Chlorobenzene	1.187	1.242	-4.6	114	0.00
66	T	1,1,1,2-Tetrachloroethane	0.398	0.444	-11.6	114	0.00
67	C	Ethyl Benzene	1.993	2.094	-5.1#	112	0.00
68	T	m/p-Xylenes	0.751	0.803	-6.9	112	0.00
69	T	o-Xylene	0.734	0.780	-6.3	112	0.00
70	T	Styrene	1.232	1.339	-8.7	112	0.00
71	P	Bromoform	0.367	0.409	-11.4	119	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	103	0.00
73	T	Isopropylbenzene	3.629	3.911	-7.8	116	0.00
74	T	N-amyl acetate	1.822	1.857	-1.9	106	0.00
75	P	1,1,2,2-Tetrachloroethane	1.280	1.350	-5.5	113	0.00
76	T	1,2,3-Trichloropropane	1.205	1.103	8.5	77	0.00
77	T	Bromobenzene	0.937	1.006	-7.4	114	0.00
78	T	n-propylbenzene	4.268	4.537	-6.3	116	0.00
79	T	2-Chlorotoluene	2.579	2.725	-5.7	115	0.00
80	T	1,3,5-Trimethylbenzene	2.959	3.169	-7.1	115	0.00
81	T	trans-1,4-Dichloro-2-butene	0.421	0.485	-15.2	115	0.00
82	T	4-Chlorotoluene	3.025	3.184	-5.3	114	0.00
83	T	tert-Butylbenzene	3.060	3.310	-8.2	115	0.00
84	T	1,2,4-Trimethylbenzene	2.985	3.230	-8.2	114	0.00
85	T	sec-Butylbenzene	3.782	4.124	-9.0	121	0.00
86	T	p-Isopropyltoluene	3.180	3.479	-9.4	120	0.00
87	T	1,3-Dichlorobenzene	1.756	1.855	-5.6	116	0.00
88	T	1,4-Dichlorobenzene	1.814	1.882	-3.7	115	0.00
89	T	n-Butylbenzene	2.983	3.216	-7.8	121	0.00
90	T	Hexachloroethane	0.606	0.654	-7.9	122	0.00
91	T	1,2-Dichlorobenzene	1.686	1.785	-5.9	113	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.297	0.315	-6.1	109	0.00
93	T	1,2,4-Trichlorobenzene	1.120	1.225	-9.4	118	0.00
94	T	Hexachlorobutadiene	0.468	0.493	-5.3	124	0.00
95	T	Naphthalene	3.603	4.084	-13.3	113	0.00

Sample Results: **VX048623.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112025\
Data File : VX048623.D
Acq On : 20 Nov 2025 08:51
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Nov 21 00:26:45 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	1.130	-8.4	114	0.00

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

Sample Results: **VX048623.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112025\
Data File : VX048623.D
Acq On : 20 Nov 2025 08:51
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Nov 21 00:26:45 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	118	0.00
2	T	Dichlorodifluoromethane	50.000	52.131	-4.3	117	0.00
3	P	Chloromethane	50.000	52.566	-5.1	112	0.00
4	C	Vinyl Chloride	50.000	53.239	-6.5#	127	0.00
5	T	Bromomethane	50.000	52.701	-5.4	112	0.00
6	T	Chloroethane	50.000	48.886	2.2	120	0.00
7	T	Trichlorofluoromethane	50.000	50.585	-1.2	129	0.00
8	T	Diethyl Ether	50.000	47.278	5.4	109	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	56.816	-13.6	145	0.00
10	T	Methyl Iodide	50.000	47.799	4.4	113	0.00
11	T	Tert butyl alcohol	250.000	251.592	-0.6	113	0.00
12	CM	1,1-Dichloroethene	50.000	52.527	-5.1#	132	0.00
13	T	Acrolein	250.000	201.566	19.4	90	0.00
14	T	Allyl chloride	50.000	46.497	7.0	113	0.00
15	T	Acrylonitrile	250.000	246.851	1.3	111	0.00
16	T	Acetone	250.000	226.609	9.4	107	0.00
17	T	Carbon Disulfide	50.000	39.878	20.2	103	0.00
18	T	Methyl Acetate	50.000	48.741	2.5	120	0.00
19	T	Methyl tert-butyl Ether	50.000	49.011	2.0	112	0.00
20	T	Methylene Chloride	50.000	44.108	11.8	108	0.00
21	T	trans-1,2-Dichloroethene	50.000	44.269	11.5	107	0.00
22	T	Diisopropyl ether	50.000	48.083	3.8	114	-0.01
23	T	Vinyl Acetate	250.000	242.555	3.0	114	-0.01
24	P	1,1-Dichloroethane	50.000	46.263	7.5	113	0.00
25	T	2-Butanone	250.000	229.314	8.3	104	-0.01
26	T	2,2-Dichloropropane	50.000	48.724	2.6	126	0.00
27	T	cis-1,2-Dichloroethene	50.000	43.636	12.7	107	-0.01
28	T	Bromochloromethane	50.000	43.757	12.5	106	-0.01
29	T	Tetrahydrofuran	250.000	256.197	-2.5	120	-0.02
30	C	Chloroform	50.000	50.950	-1.9#	126	-0.02
31	T	Cyclohexane	50.000	48.536	2.9	123	0.00
32	T	1,1,1-Trichloroethane	50.000	50.797	-1.6	126	0.00
33	S	1,2-Dichloroethane-d4	50.000	43.347	13.3	104	-0.01
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	109	0.00
35	S	Dibromofluoromethane	50.000	42.215	15.6	99	-0.01
36	T	1,1-Dichloropropene	50.000	48.272	3.5	125	0.00
37	T	Ethyl Acetate	50.000	48.181	3.6	113	-0.01
38	T	Carbon Tetrachloride	50.000	49.420	1.2	128	-0.01
39	T	Methylcyclohexane	50.000	53.522	-7.0	130	0.00
40	TM	Benzene	50.000	49.502	1.0	121	-0.01
41	T	Methacrylonitrile	50.000	52.222	-4.4	121	-0.01
42	TM	1,2-Dichloroethane	50.000	51.300	-2.6	125	-0.01
43	T	Isopropyl Acetate	50.000	52.780	-5.6	124	-0.01
44	TM	Trichloroethene	50.000	53.677	-7.4	124	0.00
45	C	1,2-Dichloropropane	50.000	54.925	-9.8#	121	0.00
46	T	Dibromomethane	50.000	55.165	-10.3	118	0.00
47	T	Bromodichloromethane	50.000	55.487	-11.0	117	0.00
48	T	Methyl methacrylate	50.000	53.741	-7.5	113	0.00

Sample Results: **VX048623.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112025\
Data File : VX048623.D
Acq On : 20 Nov 2025 08:51
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Nov 21 00:26:45 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	1204.094	-20.4	121	-0.01
50	S	Toluene-d8	50.000	42.826	14.3	92	0.00
51	T	4-Methyl-2-Pentanone	250.000	269.367	-7.7	108	0.00
52	CM	Toluene	50.000	53.923	-7.8#	111	0.00
53	T	t-1,3-Dichloropropene	50.000	53.119	-6.2	110	0.00
54	T	cis-1,3-Dichloropropene	50.000	54.896	-9.8	111	0.00
55	T	1,1,2-Trichloroethane	50.000	56.035	-12.1	112	0.00
56	T	Ethyl methacrylate	50.000	56.708	-13.4	110	0.00
57	T	1,3-Dichloropropane	50.000	52.422	-4.8	106	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	285.228	-14.1	104	0.00
59	T	2-Hexanone	250.000	265.029	-6.0	106	0.00
60	T	Dibromochloromethane	50.000	56.176	-12.4	114	0.00
61	T	1,2-Dibromoethane	50.000	53.667	-7.3	110	0.00
62	S	4-Bromofluorobenzene	50.000	43.288	13.4	94	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	101	0.00
64	T	Tetrachloroethene	50.000	52.598	-5.2	118	0.00
65	PM	Chlorobenzene	50.000	52.341	-4.7	114	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	55.853	-11.7	114	0.00
67	C	Ethyl Benzene	50.000	52.546	-5.1#	112	0.00
68	T	m/p-Xylenes	100.000	106.968	-7.0	112	0.00
69	T	o-Xylene	50.000	53.093	-6.2	112	0.00
70	T	Styrene	50.000	54.369	-8.7	112	0.00
71	P	Bromoform	50.000	55.773	-11.5	119	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	103	0.00
73	T	Isopropylbenzene	50.000	53.878	-7.8	116	0.00
74	T	N-amyl acetate	50.000	50.959	-1.9	106	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	52.737	-5.5	113	0.00
76	T	1,2,3-Trichloropropane	50.000	45.787	8.4	77	0.00
77	T	Bromobenzene	50.000	53.688	-7.4	114	0.00
78	T	n-propylbenzene	50.000	53.158	-6.3	116	0.00
79	T	2-Chlorotoluene	50.000	52.836	-5.7	115	0.00
80	T	1,3,5-Trimethylbenzene	50.000	53.549	-7.1	115	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	57.609	-15.2	115	0.00
82	T	4-Chlorotoluene	50.000	52.628	-5.3	114	0.00
83	T	tert-Butylbenzene	50.000	54.079	-8.2	115	0.00
84	T	1,2,4-Trimethylbenzene	50.000	54.095	-8.2	114	0.00
85	T	sec-Butylbenzene	50.000	54.516	-9.0	121	0.00
86	T	p-Isopropyltoluene	50.000	54.704	-9.4	120	0.00
87	T	1,3-Dichlorobenzene	50.000	52.816	-5.6	116	0.00
88	T	1,4-Dichlorobenzene	50.000	51.858	-3.7	115	0.00
89	T	n-Butylbenzene	50.000	53.901	-7.8	121	0.00
90	T	Hexachloroethane	50.000	53.946	-7.9	122	0.00
91	T	1,2-Dichlorobenzene	50.000	52.925	-5.8	113	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	52.895	-5.8	109	0.00
93	T	1,2,4-Trichlorobenzene	50.000	54.662	-9.3	118	0.00
94	T	Hexachlorobutadiene	50.000	52.583	-5.2	124	0.00
95	T	Naphthalene	50.000	56.680	-13.4	113	0.00

Sample Results: **VX048623.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112025\
Data File : VX048623.D
Acq On : 20 Nov 2025 08:51
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Nov 21 00:26:45 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	54.218	-8.4	114	0.00

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

QC SAMPLE DATA

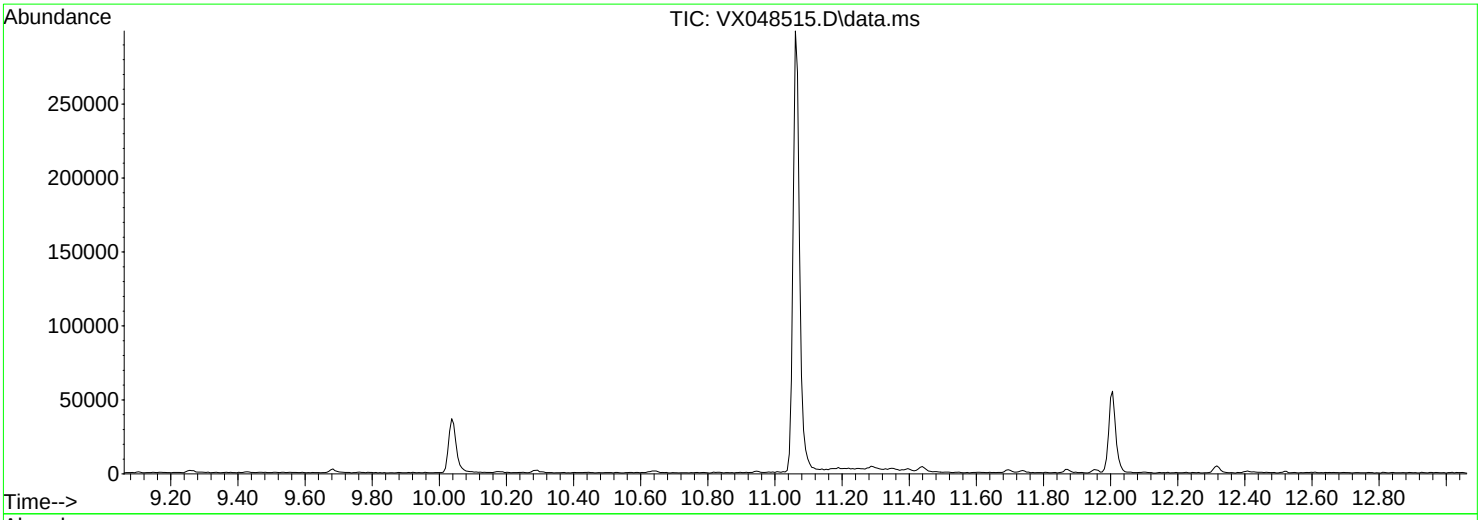
Sample Results: **VX048515.D**

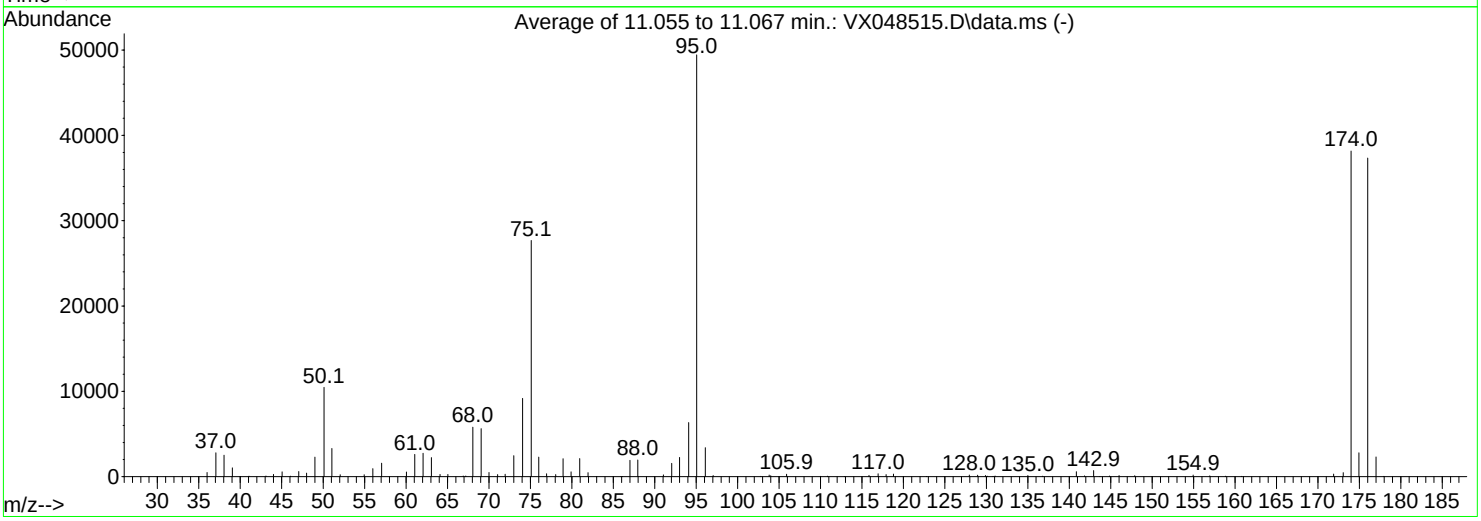
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110725\
Data File : VX048515.D
Acq On : 07 Nov 2025 13:06
Operator : JC/MD
Sample : BFB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

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

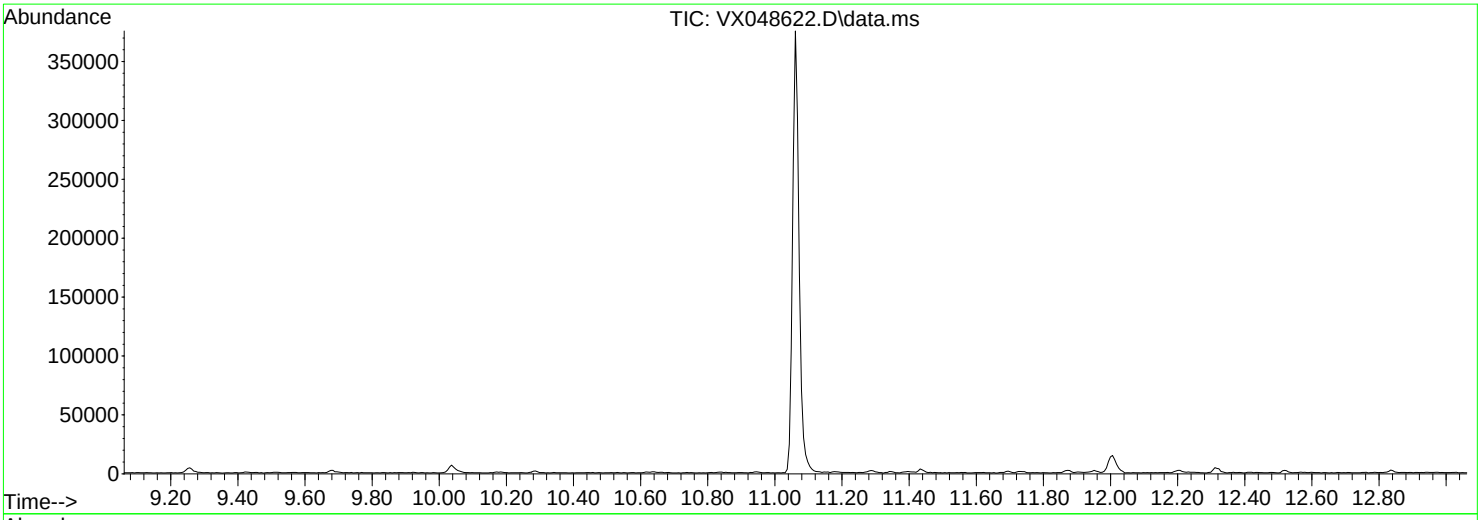
Sample Results: **VX048622.D**

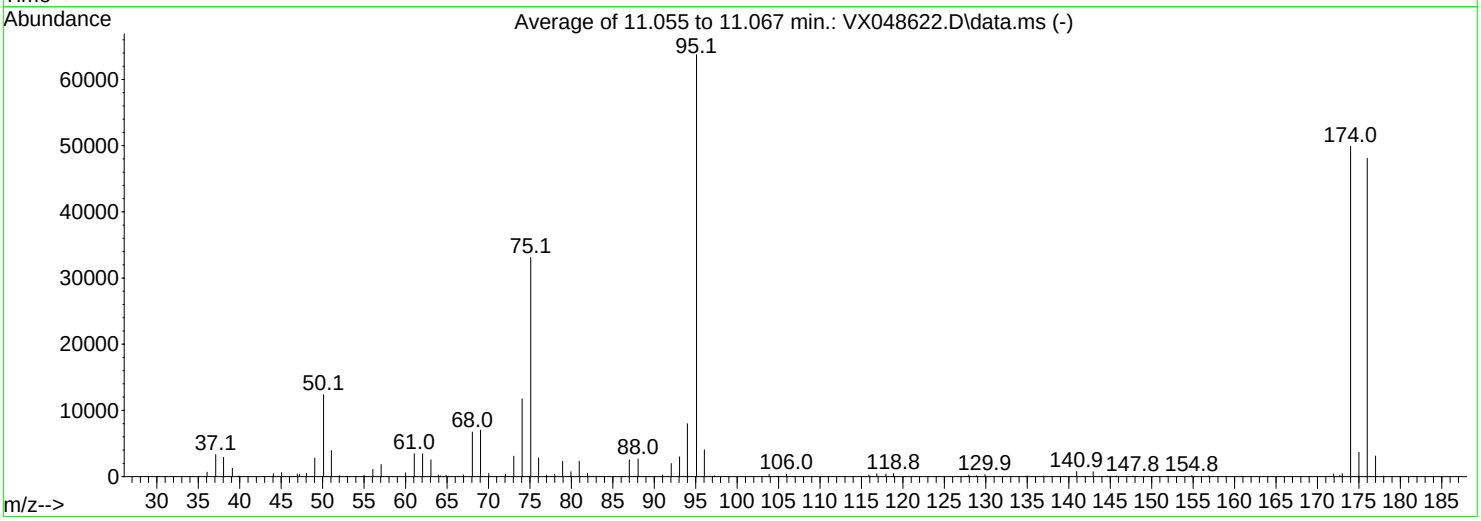
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112025\
Data File : VX048622.D
Acq On : 20 Nov 2025 08:17
Operator : JC/MD
Sample : BFB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

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	19.4	12372	PASS
75	95	30	60	51.9	33085	PASS
95	95	100	100	100.0	63733	PASS
96	95	5	9	6.4	4056	PASS
173	174	0.00	2	0.9	441	PASS
174	95	50	100	78.3	49888	PASS
175	174	5	9	7.3	3655	PASS
176	174	95	101	96.4	48099	PASS
177	176	5	9	6.5	3115	PASS

Raw Data: **VX048625.D**

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

Report of Analysis

Client:	Garden State Laboratories, Inc.	Date Collected:	
Project:	Waste Water 2025	Date Received:	
Client Sample ID:	VX1120WBL01	SDG No.:	Q3689
Lab Sample ID:	VX1120WBL01	Matrix:	Water
Analytical Method:	8260D	Level: LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOCMS Group2

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	11/20/25 10:09	VX112025
74-87-3	Chloromethane	0.32	U	1	0.32	1.00	ug/L	11/20/25 10:09	VX112025
75-01-4	Vinyl Chloride	0.26	U	1	0.26	1.00	ug/L	11/20/25 10:09	VX112025
74-83-9	Bromomethane	1.40	U	1	1.40	5.00	ug/L	11/20/25 10:09	VX112025
75-00-3	Chloroethane	0.47	U	1	0.47	1.00	ug/L	11/20/25 10:09	VX112025
75-69-4	Trichlorofluoromethane	0.33	U	1	0.33	1.00	ug/L	11/20/25 10:09	VX112025
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	1	0.25	1.00	ug/L	11/20/25 10:09	VX112025
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/20/25 10:09	VX112025
67-64-1	Acetone	1.50	U	1	1.50	5.00	ug/L	11/20/25 10:09	VX112025
75-15-0	Carbon Disulfide	0.21	U	1	0.21	1.00	ug/L	11/20/25 10:09	VX112025
1634-04-4	Methyl tert-butyl Ether	0.16	U	1	0.16	1.00	ug/L	11/20/25 10:09	VX112025
79-20-9	Methyl Acetate	0.27	U	1	0.27	1.00	ug/L	11/20/25 10:09	VX112025
75-09-2	Methylene Chloride	0.28	U	1	0.28	1.00	ug/L	11/20/25 10:09	VX112025
156-60-5	trans-1,2-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	11/20/25 10:09	VX112025
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	11/20/25 10:09	VX112025
110-82-7	Cyclohexane	1.50	U	1	1.50	5.00	ug/L	11/20/25 10:09	VX112025
78-93-3	2-Butanone	0.98	U	1	0.98	5.00	ug/L	11/20/25 10:09	VX112025
56-23-5	Carbon Tetrachloride	0.25	U	1	0.25	1.00	ug/L	11/20/25 10:09	VX112025
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	11/20/25 10:09	VX112025
74-97-5	Bromochloromethane	0.22	U	1	0.22	1.00	ug/L	11/20/25 10:09	VX112025
67-66-3	Chloroform	0.25	U	1	0.25	1.00	ug/L	11/20/25 10:09	VX112025
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	11/20/25 10:09	VX112025
108-87-2	Methylcyclohexane	0.16	U	1	0.16	1.00	ug/L	11/20/25 10:09	VX112025
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	11/20/25 10:09	VX112025
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	11/20/25 10:09	VX112025
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	11/20/25 10:09	VX112025
78-87-5	1,2-Dichloropropane	0.20	U	1	0.20	1.00	ug/L	11/20/25 10:09	VX112025
75-27-4	Bromodichloromethane	0.22	U	1	0.22	1.00	ug/L	11/20/25 10:09	VX112025
108-10-1	4-Methyl-2-Pentanone	0.68	U	1	0.68	5.00	ug/L	11/20/25 10:09	VX112025
108-88-3	Toluene	0.14	U	1	0.14	1.00	ug/L	11/20/25 10:09	VX112025
10061-02-6	t-1,3-Dichloropropene	0.17	U	1	0.17	1.00	ug/L	11/20/25 10:09	VX112025
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1	0.16	1.00	ug/L	11/20/25 10:09	VX112025
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	11/20/25 10:09	VX112025
591-78-6	2-Hexanone	0.89	U	1	0.89	5.00	ug/L	11/20/25 10:09	VX112025
124-48-1	Dibromochloromethane	0.18	U	1	0.18	1.00	ug/L	11/20/25 10:09	VX112025
106-93-4	1,2-Dibromoethane	0.15	U	1	0.15	1.00	ug/L	11/20/25 10:09	VX112025
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	11/20/25 10:09	VX112025
108-90-7	Chlorobenzene	0.12	U	1	0.12	1.00	ug/L	11/20/25 10:09	VX112025
100-41-4	Ethyl Benzene	0.13	U	1	0.13	1.00	ug/L	11/20/25 10:09	VX112025
179601-23-1	m/p-Xylenes	0.24	U	1	0.24	2.00	ug/L	11/20/25 10:09	VX112025
95-47-6	o-Xylene	0.12	U	1	0.12	1.00	ug/L	11/20/25 10:09	VX112025
100-42-5	Styrene	0.15	U	1	0.15	1.00	ug/L	11/20/25 10:09	VX112025
75-25-2	Bromoform	0.19	U	1	0.19	1.00	ug/L	11/20/25 10:09	VX112025

Raw Data: **VX048625.D**

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

Report of Analysis

Client:	Garden State Laboratories, Inc.			Date Collected:	
Project:	Waste Water 2025			Date Received:	
Client Sample ID:	VX1120WBL01			SDG No.:	Q3689
Lab Sample ID:	VX1120WBL01			Matrix:	Water
Analytical Method:	8260D	Level:	LOW	% Solid:	0
Sample Wt/Vol:	5 mL	Final Vol:	5000 uL	Test:	VOCMS Group2

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.12	U	1	0.12	1.00	ug/L	11/20/25 10:09	VX112025
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	1	0.26	1.00	ug/L	11/20/25 10:09	VX112025
541-73-1	1,3-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	11/20/25 10:09	VX112025
106-46-7	1,4-Dichlorobenzene	0.19	U	1	0.19	1.00	ug/L	11/20/25 10:09	VX112025
95-50-1	1,2-Dichlorobenzene	0.16	U	1	0.16	1.00	ug/L	11/20/25 10:09	VX112025
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	1	0.53	1.00	ug/L	11/20/25 10:09	VX112025
120-82-1	1,2,4-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	11/20/25 10:09	VX112025
87-61-6	1,2,3-Trichlorobenzene	0.20	U	1	0.20	1.00	ug/L	11/20/25 10:09	VX112025
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	55.2			74 - 125	110%	SPK: 50		
1868-53-7	Dibromofluoromethane	43.3			75 - 124	87%	SPK: 50		
2037-26-5	Toluene-d8	53.4			86 - 113	107%	SPK: 50		
460-00-4	4-Bromofluorobenzene	55.0			77 - 121	110%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	208000							
540-36-3	1,4-Difluorobenzene	415000							
3114-55-4	Chlorobenzene-d5	431000							
3855-82-1	1,4-Dichlorobenzene-d4	223000							

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: **VX048625.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112025\
Data File : VX048625.D
Acq On : 20 Nov 2025 10:09
Operator : JC/MD
Sample : VX1120WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1120WBL01

Quant Time: Nov 21 00:29:48 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

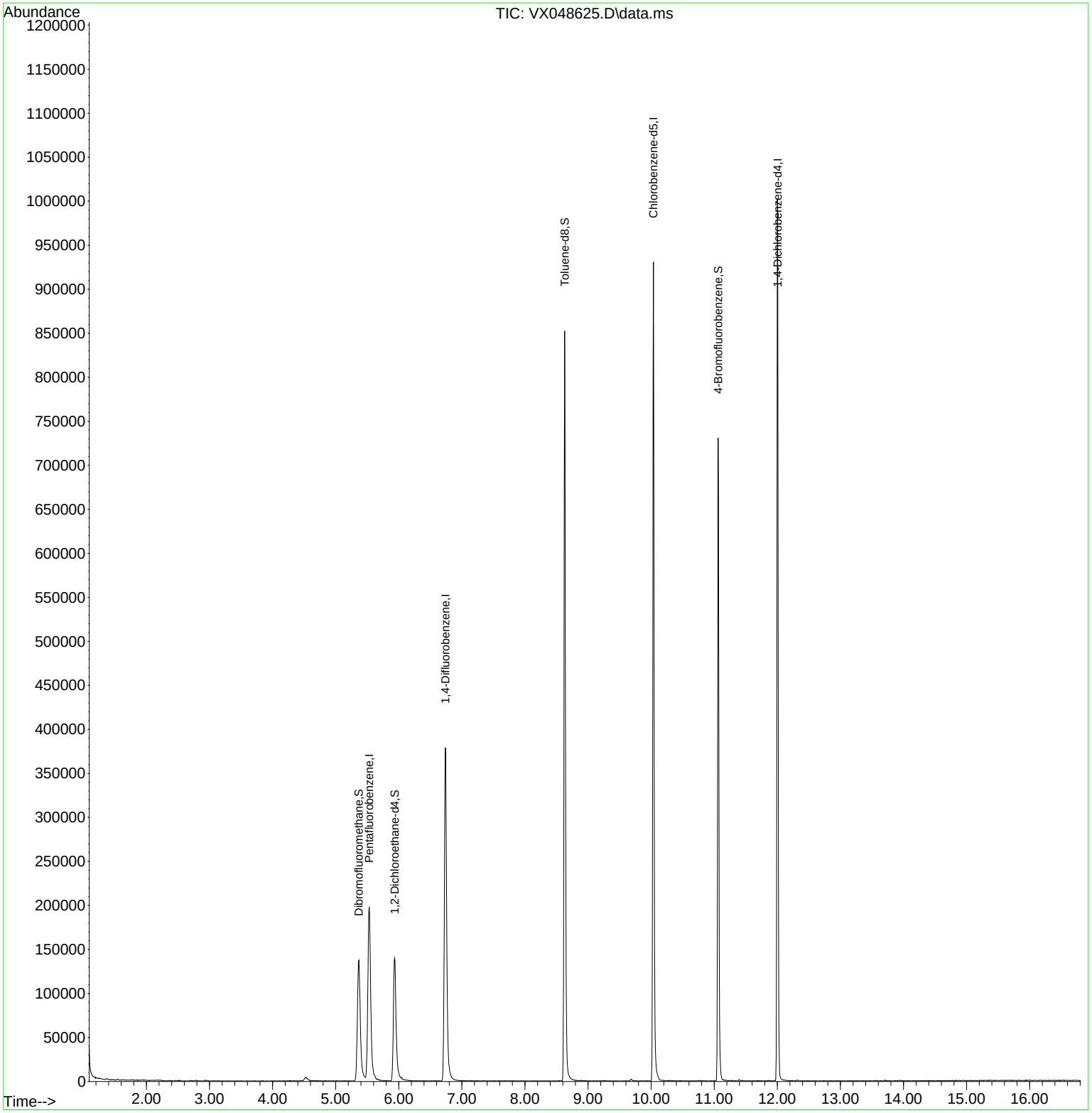
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.531	168	207888	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.739	114	414763	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	430841	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	223366	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	159943	55.215	ug/l	-0.01
Spiked Amount 50.000	Range 78 - 117		Recovery = 110.420%			
35) Dibromofluoromethane	5.367	113	135880	43.285	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 86.580%			
50) Toluene-d8	8.628	98	523038	53.422	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 106.840%			
62) 4-Bromofluorobenzene	11.061	95	200797	55.033	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.060%			
Target Compounds						Qvalue

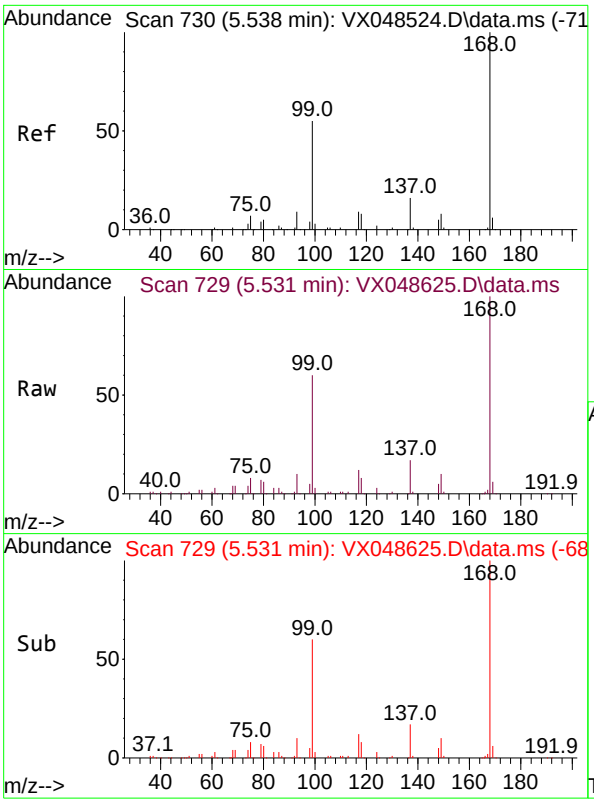
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112025\
Data File : VX048625.D
Acq On : 20 Nov 2025 10:09
Operator : JC/MD
Sample : VX1120WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1120WBL01

Quant Time: Nov 21 00:29:48 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



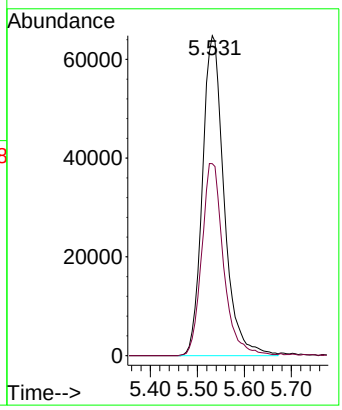


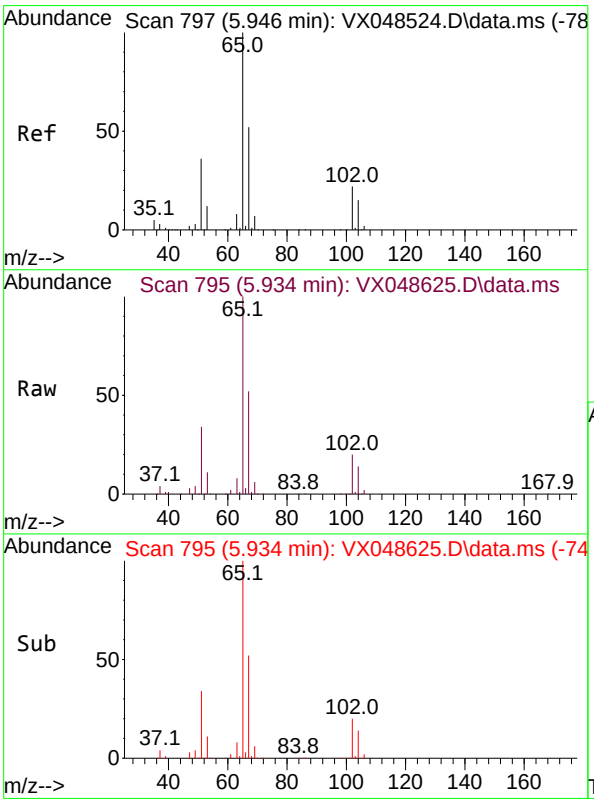
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.531 min Scan# 7
Delta R.T. -0.007 min
Lab File: VX048625.D
Acq: 20 Nov 2025 10:09

Instrument :
MSVOA_X
ClientSampleId :
VX1120WBL01

Tgt Ion:168 Resp: 207888

Ion	Ratio	Lower	Upper
168	100		
99	60.0	45.2	67.8

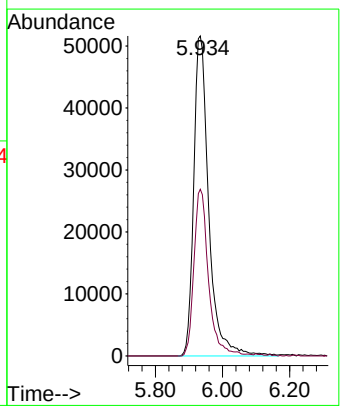


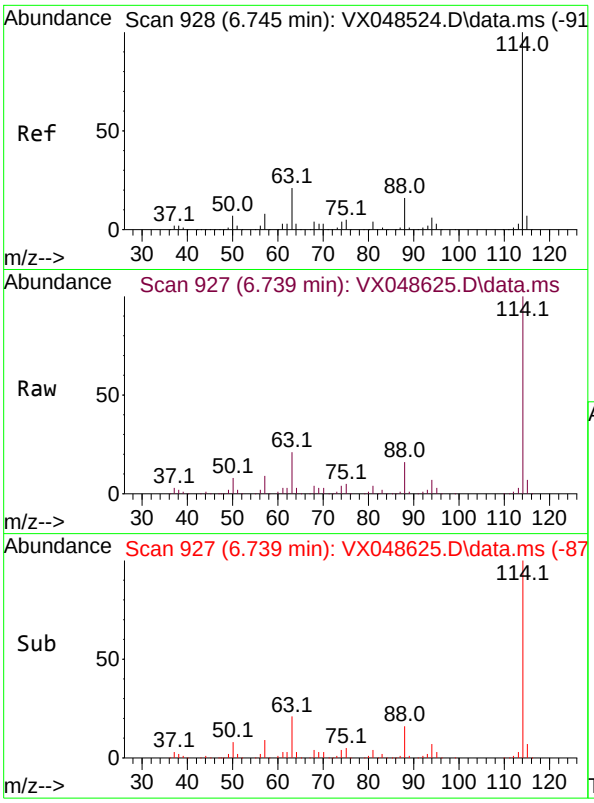


#33
1,2-Dichloroethane-d4
Concen: 55.215 ug/l
RT: 5.934 min Scan# 795
Delta R.T. -0.012 min
Lab File: VX048625.D
Acq: 20 Nov 2025 10:09

Tgt Ion: 65 Resp: 159943

Ion	Ratio	Lower	Upper
65	100		
67	50.4	0.0	106.2



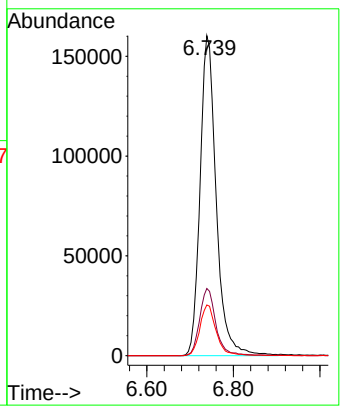


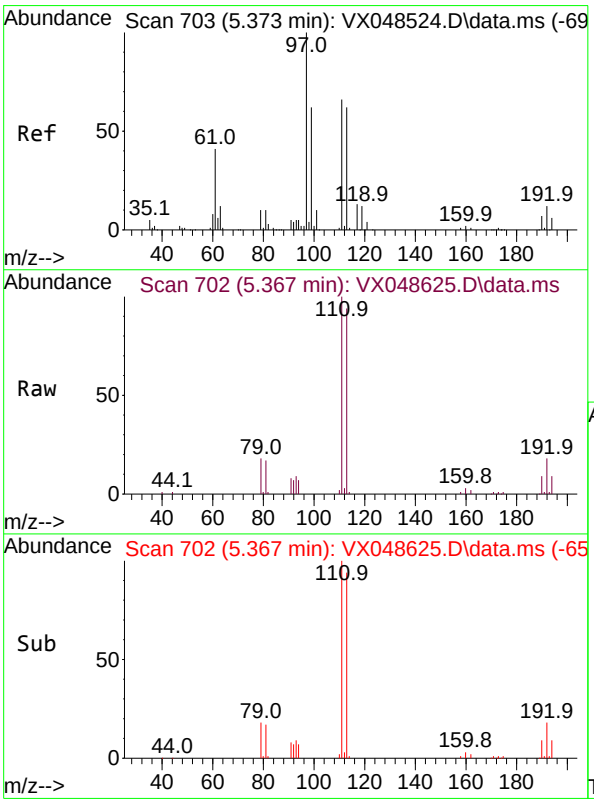
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.739 min Scan# 9
Delta R.T. -0.006 min
Lab File: VX048625.D
Acq: 20 Nov 2025 10:09

Instrument :
MSVOA_X
ClientSampleId :
VX1120WBL01

Tgt Ion:114 Resp: 414763

Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	41.2
88	15.9	0.0	32.2

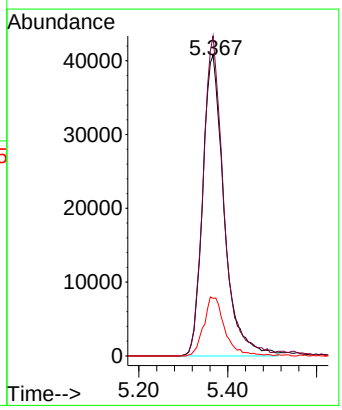


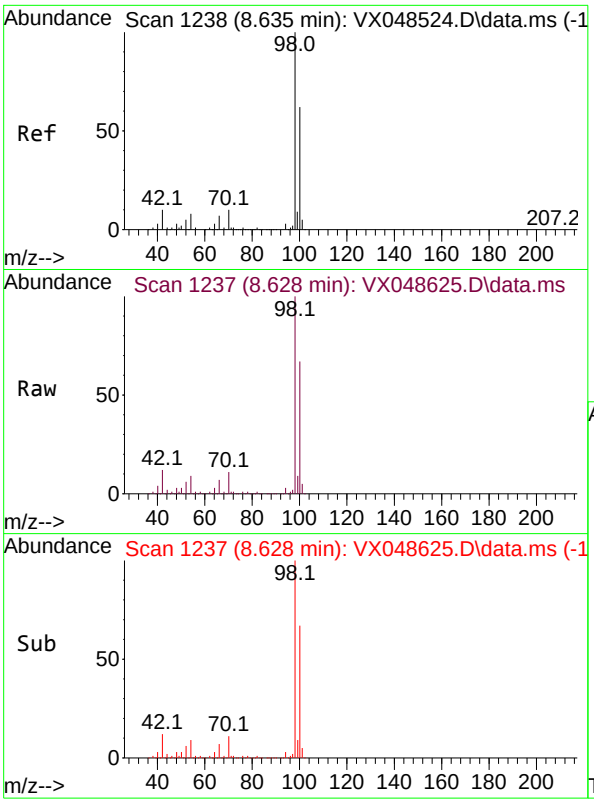


#35
Dibromofluoromethane
Concen: 43.285 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048625.D
Acq: 20 Nov 2025 10:09

Tgt Ion:113 Resp: 135880

Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.9	122.9
192	19.1	15.8	23.6



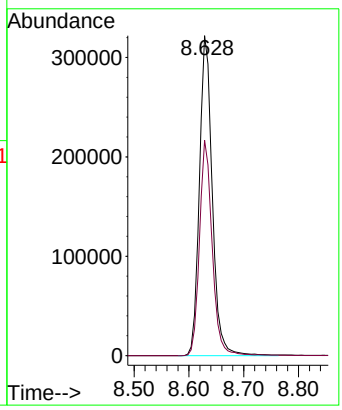


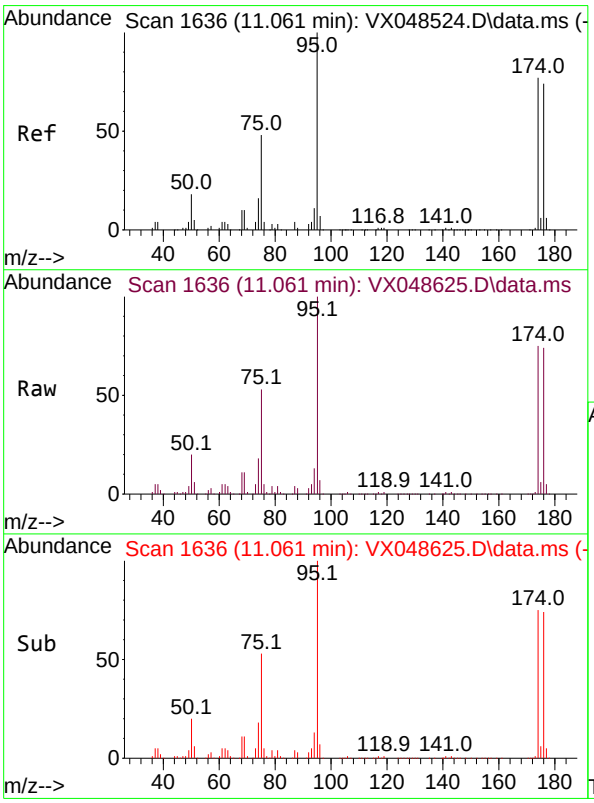
#50
Toluene-d8
Concen: 53.422 ug/l
RT: 8.628 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048625.D
Acq: 20 Nov 2025 10:09

Instrument :
MSVOA_X
ClientSampleId :
VX1120WBL01

Tgt Ion: 98 Resp: 523038

Ion	Ratio	Lower	Upper
98	100		
100	66.8	53.6	80.4

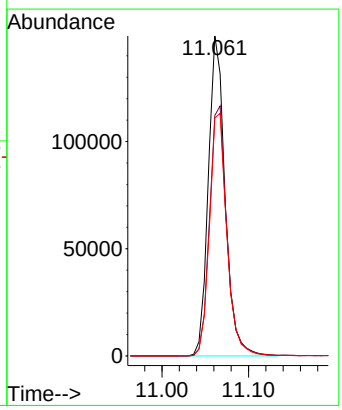


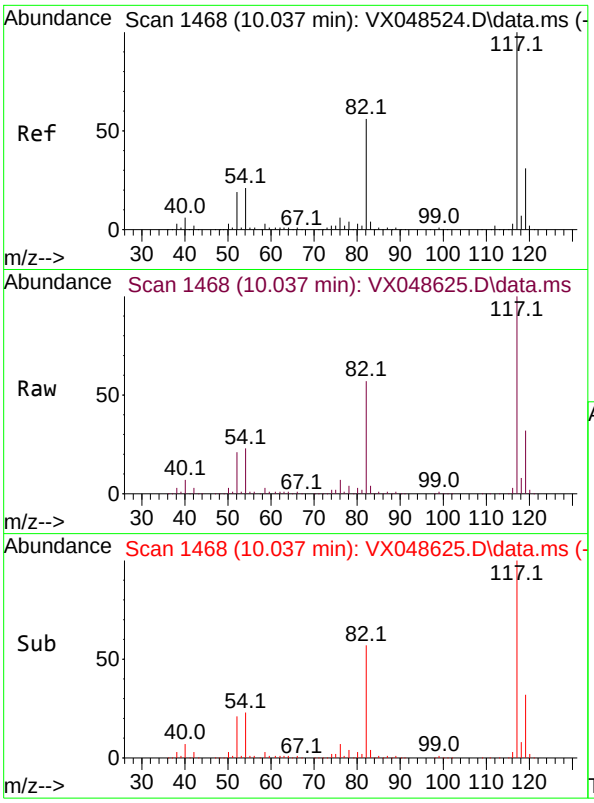


#62
4-Bromofluorobenzene
Concen: 55.033 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048625.D
Acq: 20 Nov 2025 10:09

Tgt Ion: 95 Resp: 200797

Ion	Ratio	Lower	Upper
95	100		
174	80.9	0.0	161.8
176	78.5	0.0	153.6



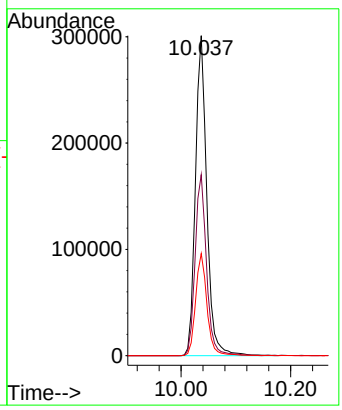


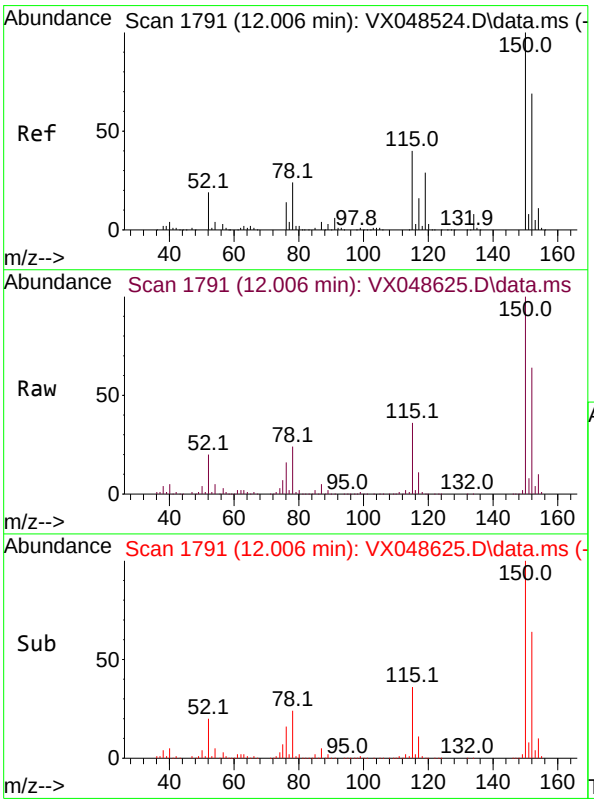
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048625.D
Acq: 20 Nov 2025 10:09

Instrument :
MSVOA_X
ClientSampleId :
VX1120WBL01

Tgt Ion:117 Resp: 430841

Ion	Ratio	Lower	Upper
117	100		
82	56.5	44.4	66.6
119	31.9	25.1	37.7

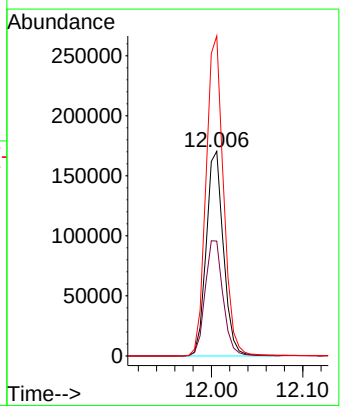




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048625.D
Acq: 20 Nov 2025 10:09

Tgt Ion:152 Resp: 223366

Ion	Ratio	Lower	Upper
152	100		
115	58.6	39.2	117.6
150	158.7	0.0	347.0



Sample Results: **VX048625.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112025\
Data File : VX048625.D
Acq On : 20 Nov 2025 10:09
Operator : JC/MD
Sample : VX1120WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1120WBL01

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Title : SW846 8260

Signal : TIC: VX048625.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.367	690	702	718	rBV	136972	448332	32.42%	5.931%
2	5.531	719	729	748	rVB2	195924	619235	44.78%	8.191%
3	5.934	785	795	821	rBV	139459	431398	31.20%	5.707%
4	6.739	916	927	951	rBV	378590	980190	70.88%	12.966%
5	8.628	1230	1237	1259	rBV	851830	1382863	100.00%	18.293%
6	10.037	1462	1468	1487	rBV	929920	1339357	96.85%	17.717%
7	11.061	1631	1636	1652	rBV	730310	997702	72.15%	13.198%
8	12.000	1785	1790	1802	rBV	1002089	1360525	98.38%	17.997%

Sum of corrected areas: 7559602

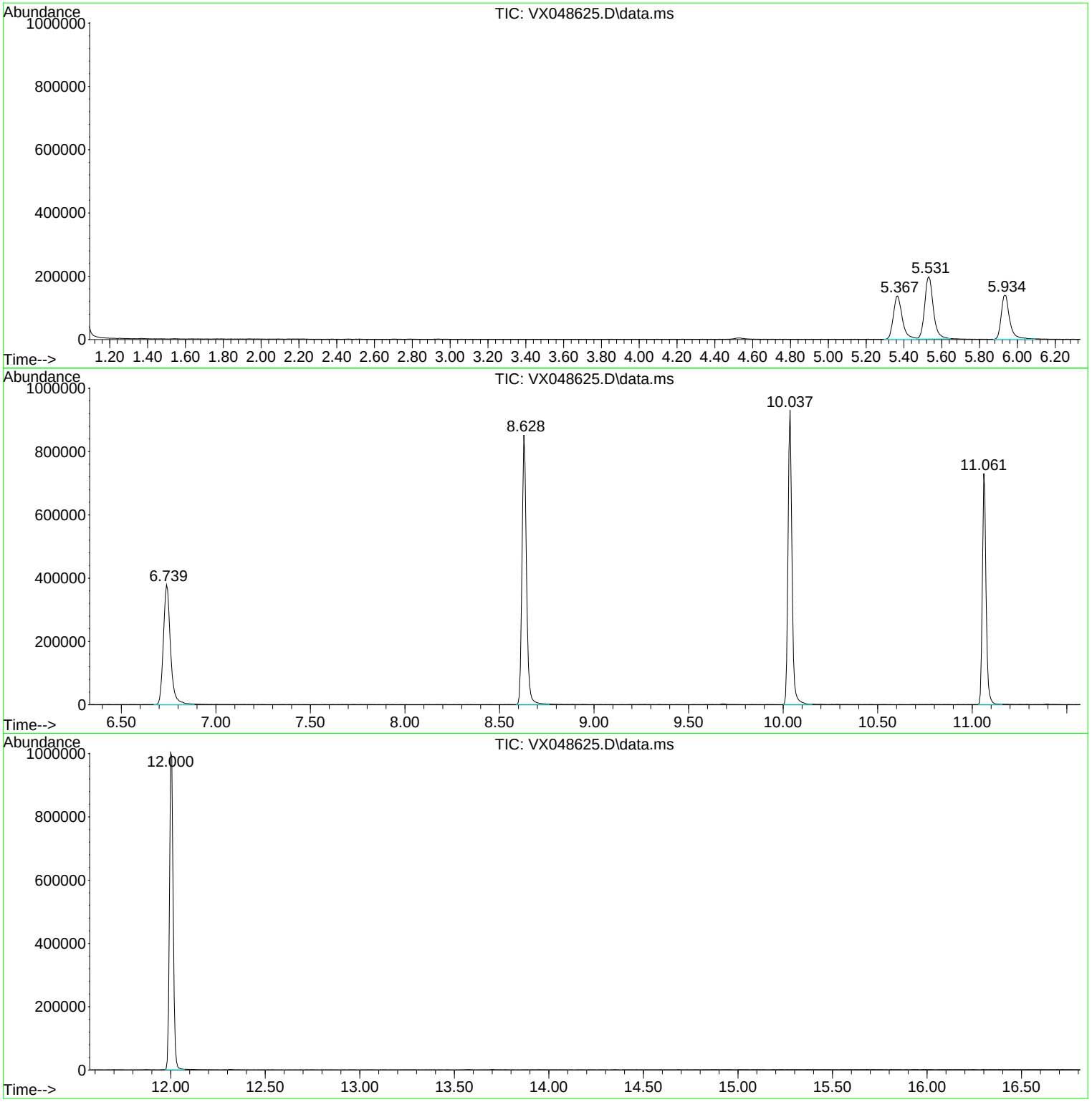
Sample Results: **VX048625.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112025\
Data File : VX048625.D
Acq On : 20 Nov 2025 10:09
Operator : JC/MD
Sample : VX1120WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1120WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Sample Results: **VX048625.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112025\
Data File : VX048625.D
Acq On : 20 Nov 2025 10:09
Operator : JC/MD
Sample : VX1120WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1120WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112025\
Data File : VX048625.D
Acq On : 20 Nov 2025 10:09
Operator : JC/MD
Sample : VX1120WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1120WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Raw Data: **VX048626.D**

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

Report of Analysis

Client:	Garden State Laboratories, Inc.	Date Collected:	
Project:	Waste Water 2025	Date Received:	
Client Sample ID:	VX1120WBS01	SDG No.:	Q3689
Lab Sample ID:	VX1120WBS01	Matrix:	Water
Analytical Method:	8260D	Level: LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOCMS Group2

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	21.2		1	0.22	1.00	ug/L	11/20/25 11:04	VX112025
74-87-3	Chloromethane	22.5		1	0.32	1.00	ug/L	11/20/25 11:04	VX112025
75-01-4	Vinyl Chloride	22.9		1	0.26	1.00	ug/L	11/20/25 11:04	VX112025
74-83-9	Bromomethane	25.3		1	1.40	5.00	ug/L	11/20/25 11:04	VX112025
75-00-3	Chloroethane	21.8		1	0.47	1.00	ug/L	11/20/25 11:04	VX112025
75-69-4	Trichlorofluoromethane	21.7		1	0.33	1.00	ug/L	11/20/25 11:04	VX112025
76-13-1	1,1,2-Trichlorotrifluoroethane	24.5		1	0.25	1.00	ug/L	11/20/25 11:04	VX112025
75-35-4	1,1-Dichloroethene	22.3		1	0.23	1.00	ug/L	11/20/25 11:04	VX112025
67-64-1	Acetone	100		1	1.50	5.00	ug/L	11/20/25 11:04	VX112025
75-15-0	Carbon Disulfide	17.2		1	0.21	1.00	ug/L	11/20/25 11:04	VX112025
1634-04-4	Methyl tert-butyl Ether	21.9		1	0.16	1.00	ug/L	11/20/25 11:04	VX112025
79-20-9	Methyl Acetate	20.2		1	0.27	1.00	ug/L	11/20/25 11:04	VX112025
75-09-2	Methylene Chloride	20.0		1	0.28	1.00	ug/L	11/20/25 11:04	VX112025
156-60-5	trans-1,2-Dichloroethene	20.0		1	0.23	1.00	ug/L	11/20/25 11:04	VX112025
75-34-3	1,1-Dichloroethane	21.2		1	0.23	1.00	ug/L	11/20/25 11:04	VX112025
110-82-7	Cyclohexane	19.6		1	1.50	5.00	ug/L	11/20/25 11:04	VX112025
78-93-3	2-Butanone	110		1	0.98	5.00	ug/L	11/20/25 11:04	VX112025
56-23-5	Carbon Tetrachloride	18.7		1	0.25	1.00	ug/L	11/20/25 11:04	VX112025
156-59-2	cis-1,2-Dichloroethene	20.5		1	0.19	1.00	ug/L	11/20/25 11:04	VX112025
74-97-5	Bromochloromethane	20.1		1	0.22	1.00	ug/L	11/20/25 11:04	VX112025
67-66-3	Chloroform	22.1		1	0.25	1.00	ug/L	11/20/25 11:04	VX112025
71-55-6	1,1,1-Trichloroethane	22.4		1	0.20	1.00	ug/L	11/20/25 11:04	VX112025
108-87-2	Methylcyclohexane	20.5		1	0.16	1.00	ug/L	11/20/25 11:04	VX112025
71-43-2	Benzene	18.9		1	0.15	1.00	ug/L	11/20/25 11:04	VX112025
107-06-2	1,2-Dichloroethane	20.9		1	0.22	1.00	ug/L	11/20/25 11:04	VX112025
79-01-6	Trichloroethene	21.0		1	0.090	1.00	ug/L	11/20/25 11:04	VX112025
78-87-5	1,2-Dichloropropane	22.9		1	0.20	1.00	ug/L	11/20/25 11:04	VX112025
75-27-4	Bromodichloromethane	24.0		1	0.22	1.00	ug/L	11/20/25 11:04	VX112025
108-10-1	4-Methyl-2-Pentanone	120		1	0.68	5.00	ug/L	11/20/25 11:04	VX112025
108-88-3	Toluene	24.6		1	0.14	1.00	ug/L	11/20/25 11:04	VX112025
10061-02-6	t-1,3-Dichloropropene	22.9		1	0.17	1.00	ug/L	11/20/25 11:04	VX112025
10061-01-5	cis-1,3-Dichloropropene	23.9		1	0.16	1.00	ug/L	11/20/25 11:04	VX112025
79-00-5	1,1,2-Trichloroethane	25.5		1	0.21	1.00	ug/L	11/20/25 11:04	VX112025
591-78-6	2-Hexanone	120		1	0.89	5.00	ug/L	11/20/25 11:04	VX112025
124-48-1	Dibromochloromethane	24.9		1	0.18	1.00	ug/L	11/20/25 11:04	VX112025
106-93-4	1,2-Dibromoethane	24.5		1	0.15	1.00	ug/L	11/20/25 11:04	VX112025
127-18-4	Tetrachloroethene	21.3		1	0.23	1.00	ug/L	11/20/25 11:04	VX112025
108-90-7	Chlorobenzene	20.9		1	0.12	1.00	ug/L	11/20/25 11:04	VX112025
100-41-4	Ethyl Benzene	20.7		1	0.13	1.00	ug/L	11/20/25 11:04	VX112025
179601-23-1	m/p-Xylenes	42.6		1	0.24	2.00	ug/L	11/20/25 11:04	VX112025
95-47-6	o-Xylene	20.3		1	0.12	1.00	ug/L	11/20/25 11:04	VX112025
100-42-5	Styrene	20.6		1	0.15	1.00	ug/L	11/20/25 11:04	VX112025
75-25-2	Bromoform	20.0		1	0.19	1.00	ug/L	11/20/25 11:04	VX112025

Raw Data: **VX048626.D**

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

Report of Analysis

Client:	Garden State Laboratories, Inc.			Date Collected:	
Project:	Waste Water 2025			Date Received:	
Client Sample ID:	VX1120WBS01			SDG No.:	Q3689
Lab Sample ID:	VX1120WBS01			Matrix:	Water
Analytical Method:	8260D	Level:	LOW	% Solid:	0
Sample Wt/Vol:	5 mL	Final Vol:	5000 uL	Test:	VOCMS Group2

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	23.4		1	0.12	1.00	ug/L	11/20/25 11:04	VX112025
79-34-5	1,1,2,2-Tetrachloroethane	19.9		1	0.26	1.00	ug/L	11/20/25 11:04	VX112025
541-73-1	1,3-Dichlorobenzene	21.0		1	0.16	1.00	ug/L	11/20/25 11:04	VX112025
106-46-7	1,4-Dichlorobenzene	20.8		1	0.19	1.00	ug/L	11/20/25 11:04	VX112025
95-50-1	1,2-Dichlorobenzene	21.8		1	0.16	1.00	ug/L	11/20/25 11:04	VX112025
96-12-8	1,2-Dibromo-3-Chloropropane	20.8		1	0.53	1.00	ug/L	11/20/25 11:04	VX112025
120-82-1	1,2,4-Trichlorobenzene	20.6		1	0.20	1.00	ug/L	11/20/25 11:04	VX112025
87-61-6	1,2,3-Trichlorobenzene	20.7		1	0.20	1.00	ug/L	11/20/25 11:04	VX112025
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	54.7			74 - 125	109%	SPK: 50		
1868-53-7	Dibromofluoromethane	42.4			75 - 124	85%	SPK: 50		
2037-26-5	Toluene-d8	53.5			86 - 113	107%	SPK: 50		
460-00-4	4-Bromofluorobenzene	47.3			77 - 121	95%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	155000							
540-36-3	1,4-Difluorobenzene	289000							
3114-55-4	Chlorobenzene-d5	269000							
3855-82-1	1,4-Dichlorobenzene-d4	117000							

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\VX112025\
Data File : VX048626.D
Acq On : 20 Nov 2025 11:04
Operator : JC/MD
Sample : VX1120WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1120WBS01

Quant Time: Nov 21 00:30:04 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	155446	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	289262	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	268755	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	116936	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	118472	54.696	ug/l	-0.01
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.400%			
35) Dibromofluoromethane	5.367	113	92930	42.447	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 84.900%			
50) Toluene-d8	8.628	98	365632	53.548	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 107.100%			
62) 4-Bromofluorobenzene	11.061	95	120415	47.321	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.640%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	26645	21.154	ug/l	98
3) Chloromethane	1.300	50	37624	22.521	ug/l	98
4) Vinyl Chloride	1.380	62	43282	22.882	ug/l	98
5) Bromomethane	1.617	94	30222	25.303	ug/l	99
6) Chloroethane	1.697	64	27053	21.839	ug/l	95
7) Trichlorofluoromethane	1.898	101	64939	21.701	ug/l	99
8) Diethyl Ether	2.130	74	25905	21.566	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.331	101	42397	24.473	ug/l	99
10) Methyl Iodide	2.453	142	51331	20.021	ug/l	96
11) Tert butyl alcohol	2.928	59	40506	98.690	ug/l	98
12) 1,1-Dichloroethene	2.325	96	40292	22.266	ug/l	96
13) Acrolein	2.233	56	5436	91.539	ug/l	92
14) Allyl chloride	2.666	41	67692	20.092	ug/l	93
15) Acrylonitrile	3.050	53	126939	105.945	ug/l	99
16) Acetone	2.367	43	105543	102.939	ug/l	98
17) Carbon Disulfide	2.514	76	87544	17.192	ug/l	98
18) Methyl Acetate	2.697	43	56892	20.191	ug/l	98
19) Methyl tert-butyl Ether	3.105	73	140022	21.912	ug/l	98
20) Methylene Chloride	2.782	84	42259	20.048	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	38386	20.015	ug/l	99
22) Diisopropyl ether	3.745	45	143334	22.156	ug/l	96
23) Vinyl Acetate	3.709	43	606419	107.029	ug/l	97
24) 1,1-Dichloroethane	3.605	63	75412	21.244	ug/l	98
25) 2-Butanone	4.532	43	161855	106.712	ug/l	95
26) 2,2-Dichloropropane	4.458	77	66592	22.005	ug/l	97
27) cis-1,2-Dichloroethene	4.477	96	48063	20.502	ug/l	95
28) Bromochloromethane	4.885	49	35035	20.091	ug/l	96
29) Tetrahydrofuran	4.977	42	108636	100.424	ug/l	98
30) Chloroform	5.074	83	81100	22.130	ug/l	97
31) Cyclohexane	5.452	56	57057	19.617	ug/l	99
32) 1,1,1-Trichloroethane	5.367	97	71771	22.441	ug/l	98
36) 1,1-Dichloropropene	5.672	75	51595	17.600	ug/l	97
37) Ethyl Acetate	4.690	43	69293	16.792	ug/l	97
38) Carbon Tetrachloride	5.659	117	62330	18.678	ug/l	96
39) Methylcyclohexane	7.360	83	67594	20.535	ug/l	98
40) Benzene	6.019	78	171351	18.856	ug/l	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112025\
Data File : VX048626.D
Acq On : 20 Nov 2025 11:04
Operator : JC/MD
Sample : VX1120WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1120WBS01

Quant Time: Nov 21 00:30:04 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)
41) Methacrylonitrile	4.891	41	35488	19.555	ug/l		94
42) 1,2-Dichloroethane	6.068	62	65179	20.934	ug/l		100
43) Isopropyl Acetate	6.312	43	115109	19.844	ug/l		98
44) Trichloroethene	7.104	130	45688	21.034	ug/l		90
45) 1,2-Dichloropropane	7.409	63	47846	22.899	ug/l		100
46) Dibromomethane	7.562	93	35064	23.008	ug/l		96
47) Bromodichloromethane	7.805	83	72867	23.967	ug/l		97
48) Methyl methacrylate	7.671	41	56963	22.090	ug/l		98
49) 1,4-Dioxane	7.635	88	14148	360.071	ug/l		96
51) 4-Methyl-2-Pentanone	8.555	43	383378	116.105	ug/l		99
52) Toluene	8.702	92	117593	24.579	ug/l		98
53) t-1,3-Dichloropropene	8.964	75	71818	22.925	ug/l		97
54) cis-1,3-Dichloropropene	8.348	75	77634	23.933	ug/l		97
55) 1,1,2-Trichloroethane	9.134	97	48717	25.487	ug/l		98
56) Ethyl methacrylate	9.098	69	75175	23.638	ug/l		99
57) 1,3-Dichloropropane	9.293	76	80792	24.283	ug/l		97
58) 2-Chloroethyl Vinyl ether	8.220	63	155374	90.874	ug/l		99
59) 2-Hexanone	9.409	43	284505	115.831	ug/l		100
60) Dibromochloromethane	9.500	129	58368	24.870	ug/l		98
61) 1,2-Dibromoethane	9.592	107	50771	24.523	ug/l		100
64) Tetrachloroethene	9.256	164	41575	21.298	ug/l		95
65) Chlorobenzene	10.061	112	133554	20.937	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.146	131	46962	21.972	ug/l		99
67) Ethyl Benzene	10.177	91	222047	20.729	ug/l		100
68) m/p-Xylenes	10.281	106	171784	42.581	ug/l		99
69) o-Xylene	10.622	106	79939	20.252	ug/l		100
70) Styrene	10.634	104	136475	20.612	ug/l		99
71) Bromoform	10.780	173	39510	20.037	ug/l	#	99
73) Isopropylbenzene	10.945	105	198875	23.430	ug/l		99
74) N-amyl acetate	10.823	43	95157	22.327	ug/l		98
75) 1,1,2,2-Tetrachloroethane	11.195	83	59548	19.894	ug/l		99
76) 1,2,3-Trichloropropane	11.219	75	53070m	18.838	ug/l		
77) Bromobenzene	11.177	156	45587	20.799	ug/l		99
78) n-propylbenzene	11.287	91	204129	20.453	ug/l		100
79) 2-Chlorotoluene	11.347	91	129697	21.505	ug/l		97
80) 1,3,5-Trimethylbenzene	11.433	105	150724	21.782	ug/l		97
81) trans-1,4-Dichloro-2-b...	11.000	75	21673	22.005	ug/l	#	86
82) 4-Chlorotoluene	11.439	91	152552	21.564	ug/l		100
83) tert-Butylbenzene	11.695	119	152430	21.298	ug/l		96
84) 1,2,4-Trimethylbenzene	11.732	105	151043	21.634	ug/l		100
85) sec-Butylbenzene	11.872	105	190031	21.483	ug/l		100
86) p-Isopropyltoluene	11.988	119	159383	21.432	ug/l		98
87) 1,3-Dichlorobenzene	11.951	146	86389	21.030	ug/l		99
88) 1,4-Dichlorobenzene	12.024	146	88350	20.822	ug/l		98
89) n-Butylbenzene	12.311	91	150630	21.592	ug/l		99
90) Hexachloroethane	12.518	117	30150	21.279	ug/l		99
91) 1,2-Dichlorobenzene	12.317	146	86143	21.844	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.926	75	14503	20.849	ug/l		95
93) 1,2,4-Trichlorobenzene	13.567	180	53998	20.606	ug/l		98
94) Hexachlorobutadiene	13.707	225	21668	19.780	ug/l		98
95) Naphthalene	13.756	128	175781	20.863	ug/l		99
96) 1,2,3-Trichlorobenzene	13.945	180	50516	20.725	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112025\
Data File : VX048626.D
Acq On : 20 Nov 2025 11:04
Operator : JC/MD
Sample : VX1120WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1120WBS01

Quant Time: Nov 21 00:30:04 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

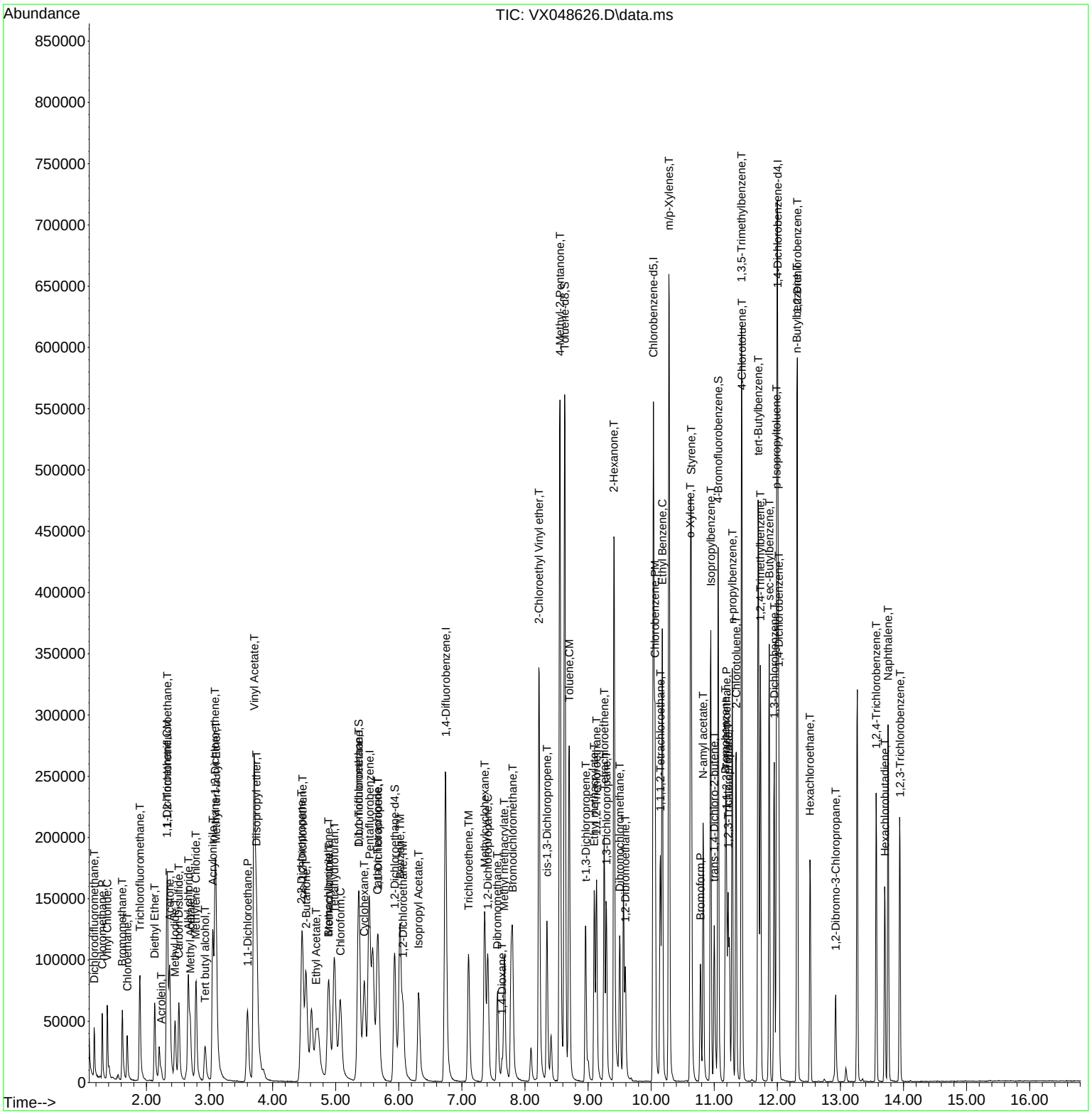
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112025\
Data File : VX048626.D
Acq On : 20 Nov 2025 11:04
Operator : JC/MD
Sample : VX1120WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1120WBS01

Quant Time: Nov 21 00:30:04 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



Raw Data: **VX048630.D**

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

Report of Analysis

Client:	Garden State Laboratories, Inc.	Date Collected:	
Project:	Waste Water 2025	Date Received:	
Client Sample ID:	VX1120WBSD01	SDG No.:	Q3689
Lab Sample ID:	VX1120WBSD01	Matrix:	Water
Analytical Method:	8260D	Level: LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOCMS Group2

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	18.0		1	0.22	1.00	ug/L	11/20/25 12:26	VX112025
74-87-3	Chloromethane	18.6		1	0.32	1.00	ug/L	11/20/25 12:26	VX112025
75-01-4	Vinyl Chloride	19.8		1	0.26	1.00	ug/L	11/20/25 12:26	VX112025
74-83-9	Bromomethane	21.5		1	1.40	5.00	ug/L	11/20/25 12:26	VX112025
75-00-3	Chloroethane	18.3		1	0.47	1.00	ug/L	11/20/25 12:26	VX112025
75-69-4	Trichlorofluoromethane	19.1		1	0.33	1.00	ug/L	11/20/25 12:26	VX112025
76-13-1	1,1,2-Trichlorotrifluoroethane	21.4		1	0.25	1.00	ug/L	11/20/25 12:26	VX112025
75-35-4	1,1-Dichloroethene	18.7		1	0.23	1.00	ug/L	11/20/25 12:26	VX112025
67-64-1	Acetone	110		1	1.50	5.00	ug/L	11/20/25 12:26	VX112025
75-15-0	Carbon Disulfide	14.9		1	0.21	1.00	ug/L	11/20/25 12:26	VX112025
1634-04-4	Methyl tert-butyl Ether	20.6		1	0.16	1.00	ug/L	11/20/25 12:26	VX112025
79-20-9	Methyl Acetate	20.8		1	0.27	1.00	ug/L	11/20/25 12:26	VX112025
75-09-2	Methylene Chloride	18.5		1	0.28	1.00	ug/L	11/20/25 12:26	VX112025
156-60-5	trans-1,2-Dichloroethene	17.8		1	0.23	1.00	ug/L	11/20/25 12:26	VX112025
75-34-3	1,1-Dichloroethane	19.0		1	0.23	1.00	ug/L	11/20/25 12:26	VX112025
110-82-7	Cyclohexane	19.5		1	1.50	5.00	ug/L	11/20/25 12:26	VX112025
78-93-3	2-Butanone	110		1	0.98	5.00	ug/L	11/20/25 12:26	VX112025
56-23-5	Carbon Tetrachloride	20.6		1	0.25	1.00	ug/L	11/20/25 12:26	VX112025
156-59-2	cis-1,2-Dichloroethene	18.7		1	0.19	1.00	ug/L	11/20/25 12:26	VX112025
74-97-5	Bromochloromethane	18.2		1	0.22	1.00	ug/L	11/20/25 12:26	VX112025
67-66-3	Chloroform	21.6		1	0.25	1.00	ug/L	11/20/25 12:26	VX112025
71-55-6	1,1,1-Trichloroethane	20.8		1	0.20	1.00	ug/L	11/20/25 12:26	VX112025
108-87-2	Methylcyclohexane	18.4		1	0.16	1.00	ug/L	11/20/25 12:26	VX112025
71-43-2	Benzene	20.3		1	0.15	1.00	ug/L	11/20/25 12:26	VX112025
107-06-2	1,2-Dichloroethane	23.0		1	0.22	1.00	ug/L	11/20/25 12:26	VX112025
79-01-6	Trichloroethene	19.7		1	0.090	1.00	ug/L	11/20/25 12:26	VX112025
78-87-5	1,2-Dichloropropane	21.9		1	0.20	1.00	ug/L	11/20/25 12:26	VX112025
75-27-4	Bromodichloromethane	24.0		1	0.22	1.00	ug/L	11/20/25 12:26	VX112025
108-10-1	4-Methyl-2-Pentanone	130		1	0.68	5.00	ug/L	11/20/25 12:26	VX112025
108-88-3	Toluene	22.7		1	0.14	1.00	ug/L	11/20/25 12:26	VX112025
10061-02-6	t-1,3-Dichloropropene	22.6		1	0.17	1.00	ug/L	11/20/25 12:26	VX112025
10061-01-5	cis-1,3-Dichloropropene	23.5		1	0.16	1.00	ug/L	11/20/25 12:26	VX112025
79-00-5	1,1,2-Trichloroethane	28.2		1	0.21	1.00	ug/L	11/20/25 12:26	VX112025
591-78-6	2-Hexanone	130		1	0.89	5.00	ug/L	11/20/25 12:26	VX112025
124-48-1	Dibromochloromethane	27.2		1	0.18	1.00	ug/L	11/20/25 12:26	VX112025
106-93-4	1,2-Dibromoethane	26.7		1	0.15	1.00	ug/L	11/20/25 12:26	VX112025
127-18-4	Tetrachloroethene	19.1		1	0.23	1.00	ug/L	11/20/25 12:26	VX112025
108-90-7	Chlorobenzene	19.7		1	0.12	1.00	ug/L	11/20/25 12:26	VX112025
100-41-4	Ethyl Benzene	19.3		1	0.13	1.00	ug/L	11/20/25 12:26	VX112025
179601-23-1	m/p-Xylenes	38.2		1	0.24	2.00	ug/L	11/20/25 12:26	VX112025
95-47-6	o-Xylene	18.0		1	0.12	1.00	ug/L	11/20/25 12:26	VX112025
100-42-5	Styrene	18.4		1	0.15	1.00	ug/L	11/20/25 12:26	VX112025
75-25-2	Bromoform	18.9		1	0.19	1.00	ug/L	11/20/25 12:26	VX112025

Raw Data: **VX048630.D**

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

Report of Analysis

Client:	Garden State Laboratories, Inc.			Date Collected:	
Project:	Waste Water 2025			Date Received:	
Client Sample ID:	VX1120WBSD01			SDG No.:	Q3689
Lab Sample ID:	VX1120WBSD01			Matrix:	Water
Analytical Method:	8260D	Level:	LOW	% Solid:	0
Sample Wt/Vol:	5 mL	Final Vol:	5000 uL	Test:	VOCMS Group2

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	20.1		1	0.12	1.00	ug/L	11/20/25 12:26	VX112025
79-34-5	1,1,2,2-Tetrachloroethane	21.1		1	0.26	1.00	ug/L	11/20/25 12:26	VX112025
541-73-1	1,3-Dichlorobenzene	20.0		1	0.16	1.00	ug/L	11/20/25 12:26	VX112025
106-46-7	1,4-Dichlorobenzene	19.5		1	0.19	1.00	ug/L	11/20/25 12:26	VX112025
95-50-1	1,2-Dichlorobenzene	20.1		1	0.16	1.00	ug/L	11/20/25 12:26	VX112025
96-12-8	1,2-Dibromo-3-Chloropropane	21.1		1	0.53	1.00	ug/L	11/20/25 12:26	VX112025
120-82-1	1,2,4-Trichlorobenzene	18.9		1	0.20	1.00	ug/L	11/20/25 12:26	VX112025
87-61-6	1,2,3-Trichlorobenzene	19.6		1	0.20	1.00	ug/L	11/20/25 12:26	VX112025
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	55.6			74 - 125	111%	SPK: 50		
1868-53-7	Dibromofluoromethane	53.5			75 - 124	107%	SPK: 50		
2037-26-5	Toluene-d8	53.3			86 - 113	107%	SPK: 50		
460-00-4	4-Bromofluorobenzene	54.4			77 - 121	109%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	148000							
540-36-3	1,4-Difluorobenzene	232000							
3114-55-4	Chlorobenzene-d5	232000							
3855-82-1	1,4-Dichlorobenzene-d4	109000							

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\VX112025\
Data File : VX048630.D
Acq On : 20 Nov 2025 12:26
Operator : JC/MD
Sample : VX1120WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1120WBSD01

Quant Time: Nov 21 00:30:51 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	148065	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	231664	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	231942	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	109343	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	114802	55.644	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 111.280%			
35) Dibromofluoromethane	5.373	113	93819	53.508	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.020%			
50) Toluene-d8	8.635	98	291401	53.287	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 106.580%			
62) 4-Bromofluorobenzene	11.061	95	110835	54.386	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.780%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	21574	17.982	ug/l	98
3) Chloromethane	1.301	50	29669	18.644	ug/l	94
4) Vinyl Chloride	1.380	62	35700	19.814	ug/l	99
5) Bromomethane	1.618	94	24429	21.473	ug/l	94
6) Chloroethane	1.697	64	21583	18.292	ug/l	96
7) Trichlorofluoromethane	1.898	101	54349	19.067	ug/l	98
8) Diethyl Ether	2.136	74	23032	20.130	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.337	101	35273	21.376	ug/l	98
10) Methyl Iodide	2.459	142	44360	18.165	ug/l	98
11) Tert butyl alcohol	2.934	59	39333	100.610	ug/l	100
12) 1,1-Dichloroethene	2.325	96	32230	18.699	ug/l	99
13) Acrolein	2.239	56	6620	117.034	ug/l	97
14) Allyl chloride	2.666	41	57515	17.922	ug/l	93
15) Acrylonitrile	3.056	53	117796	103.216	ug/l	98
16) Acetone	2.374	43	109812	112.442	ug/l	99
17) Carbon Disulfide	2.520	76	72031	14.851	ug/l	100
18) Methyl Acetate	2.697	43	55729	20.765	ug/l	97
19) Methyl tert-butyl Ether	3.105	73	125678	20.648	ug/l	99
20) Methylene Chloride	2.788	84	37104	18.480	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	32604	17.847	ug/l	94
22) Diisopropyl ether	3.751	45	128777	20.898	ug/l	92
23) Vinyl Acetate	3.715	43	553587	102.575	ug/l	97
24) 1,1-Dichloroethane	3.605	63	64144	18.971	ug/l	99
25) 2-Butanone	4.544	43	156767	108.510	ug/l	96
26) 2,2-Dichloropropane	4.465	77	56967	19.763	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	41736	18.691	ug/l	97
28) Bromochloromethane	4.885	49	30223	18.195	ug/l	95
29) Tetrahydrofuran	4.989	42	105803	102.681	ug/l	98
30) Chloroform	5.080	83	75339	21.583	ug/l	95
31) Cyclohexane	5.464	56	54135	19.540	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	63400	20.812	ug/l	99
36) 1,1-Dichloropropene	5.678	75	44385	18.905	ug/l	99
37) Ethyl Acetate	4.696	43	70092	21.208	ug/l	97
38) Carbon Tetrachloride	5.666	117	55112	20.621	ug/l	97
39) Methylcyclohexane	7.367	83	48546	18.415	ug/l	98
40) Benzene	6.025	78	147479	20.264	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112025\
Data File : VX048630.D
Acq On : 20 Nov 2025 12:26
Operator : JC/MD
Sample : VX1120WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1120WBSD01

Quant Time: Nov 21 00:30:51 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)
41) Methacrylonitrile	4.904	41	32290	22.217	ug/l		93
42) 1,2-Dichloroethane	6.074	62	57321	22.987	ug/l		98
43) Isopropyl Acetate	6.324	43	106068	22.831	ug/l		98
44) Trichloroethene	7.117	130	34277	19.704	ug/l		96
45) 1,2-Dichloropropane	7.415	63	36720	21.943	ug/l		97
46) Dibromomethane	7.568	93	28089	23.014	ug/l		95
47) Bromodichloromethane	7.806	83	58400	23.985	ug/l		98
48) Methyl methacrylate	7.677	41	47748	23.120	ug/l		95
49) 1,4-Dioxane	7.641	88	10980	348.922	ug/l		93
51) 4-Methyl-2-Pentanone	8.555	43	333163	125.984	ug/l		96
52) Toluene	8.702	92	86866	22.671	ug/l		99
53) t-1,3-Dichloropropene	8.964	75	56737	22.614	ug/l		97
54) cis-1,3-Dichloropropene	8.354	75	61021	23.489	ug/l		95
55) 1,1,2-Trichloroethane	9.135	97	43152	28.188	ug/l		94
56) Ethyl methacrylate	9.104	69	65984	25.907	ug/l		97
57) 1,3-Dichloropropane	9.293	76	69153	25.952	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.226	63	146897	107.277	ug/l		100
59) 2-Hexanone	9.415	43	261172	132.768	ug/l		98
60) Dibromochloromethane	9.506	129	51162	27.220	ug/l		99
61) 1,2-Dibromoethane	9.592	107	44335	26.739	ug/l		98
64) Tetrachloroethene	9.256	164	32250	19.143	ug/l		94
65) Chlorobenzene	10.061	112	108200	19.654	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.147	131	38067	20.637	ug/l		97
67) Ethyl Benzene	10.177	91	178818	19.343	ug/l		100
68) m/p-Xylenes	10.287	106	133103	38.229	ug/l		98
69) o-Xylene	10.628	106	61248	17.980	ug/l		97
70) Styrene	10.640	104	105425	18.449	ug/l		98
71) Bromoform	10.781	173	32084	18.853	ug/l	#	100
73) Isopropylbenzene	10.945	105	159211	20.060	ug/l		98
74) N-amyl acetate	10.823	43	82880	20.797	ug/l		96
75) 1,1,2,2-Tetrachloroethane	11.195	83	58965	21.067	ug/l		100
76) 1,2,3-Trichloropropane	11.226	75	53613m	20.352	ug/l		
77) Bromobenzene	11.183	156	41259	20.132	ug/l		98
78) n-propylbenzene	11.287	91	184202	19.738	ug/l		100
79) 2-Chlorotoluene	11.348	91	111188	19.717	ug/l		100
80) 1,3,5-Trimethylbenzene	11.433	105	130775	20.212	ug/l		98
81) trans-1,4-Dichloro-2-b...	11.000	75	18128	19.684	ug/l		89
82) 4-Chlorotoluene	11.439	91	133735	20.217	ug/l		100
83) tert-Butylbenzene	11.695	119	133614	19.966	ug/l		97
84) 1,2,4-Trimethylbenzene	11.732	105	132785	20.340	ug/l		99
85) sec-Butylbenzene	11.872	105	165801	20.046	ug/l		98
86) p-Isopropyltoluene	11.994	119	140242	20.168	ug/l		98
87) 1,3-Dichlorobenzene	11.951	146	76638	19.952	ug/l		100
88) 1,4-Dichlorobenzene	12.024	146	77213	19.461	ug/l		98
89) n-Butylbenzene	12.317	91	128142	19.644	ug/l		99
90) Hexachloroethane	12.518	117	26281	19.837	ug/l		100
91) 1,2-Dichlorobenzene	12.317	146	74213	20.126	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.927	75	13745	21.132	ug/l		92
93) 1,2,4-Trichlorobenzene	13.567	180	46293	18.892	ug/l		98
94) Hexachlorobutadiene	13.707	225	18979	18.528	ug/l		100
95) Naphthalene	13.756	128	158486	20.117	ug/l		100
96) 1,2,3-Trichlorobenzene	13.939	180	44767	19.641	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112025\
Data File : VX048630.D
Acq On : 20 Nov 2025 12:26
Operator : JC/MD
Sample : VX1120WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1120WBSD01

Quant Time: Nov 21 00:30:51 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

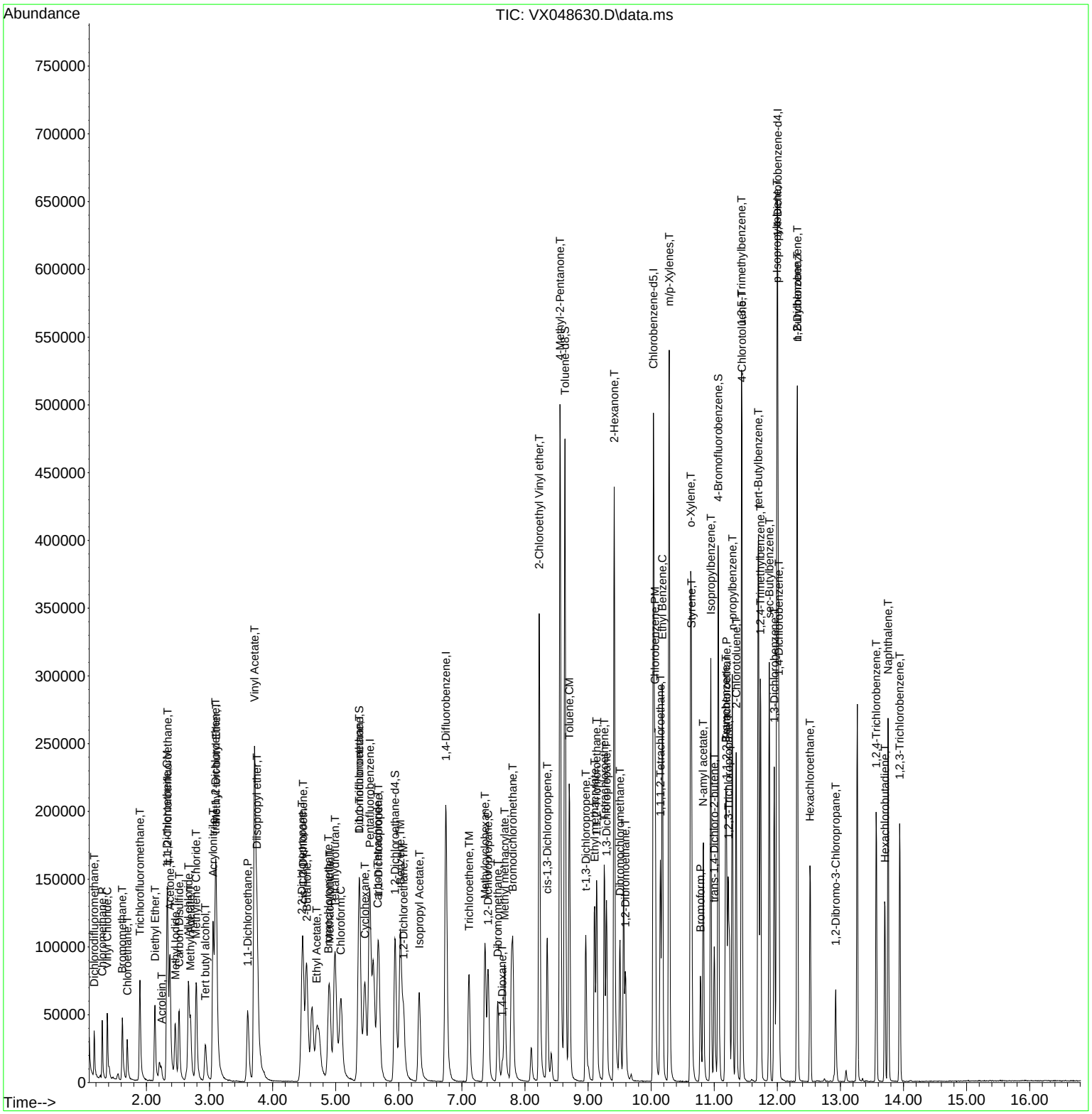
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112025\
Data File : VX048630.D
Acq On : 20 Nov 2025 12:26
Operator : JC/MD
Sample : VX1120WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1120WBSD01

Quant Time: Nov 21 00:30:51 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



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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

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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:	VX112025	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX048623.D	1,2,3-Trichloropropane	JOHN	11/21/2025 8:09:05 AM	sam	11/21/2025 11:55:26 AM	Peak Integrated by Software
VX1120WBS01	VX048626.D	1,2,3-Trichloropropane	JOHN	11/21/2025 8:09:09 AM	sam	11/21/2025 11:55:30 AM	Peak Integrated by Software
VX1120WBSD01	VX048630.D	1,2,3-Trichloropropane	JOHN	11/21/2025 8:09:16 AM	sam	11/21/2025 11:55:36 AM	Peak Integrated by Software
Q3689-01	VX048634.D	Methyl Acetate	JOHN	11/21/2025 8:09:20 AM	sam	11/21/2025 11:55:58 AM	Peak Integrated by Software
VSTDCCC050	VX048639.D	1,2,3-Trichloropropane	JOHN	11/21/2025 8:09:25 AM	sam	11/21/2025 11:55:41 AM	Peak Integrated by Software

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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	MSVOA_X		HP Processing Method	82X110725W.M	

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

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX112025

Review By	John Carlone	Review On	11/21/2025 8:32:05 AM		
Supervise By	Amit Patel	Supervise On	11/21/2025 10:07:17 AM		
SubDirectory	VX112025	HP Acquire Method		HP Processing Method	82X110725W.M

STD. NAME	STD REF.#
Tune/Reschk	VP136337
Initial Calibration Stds	
CCC	VP136338,VP136339
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX048622.D	20 Nov 2025 08:17	JC/MD	Ok
2	VSTDCCC050	VX048623.D	20 Nov 2025 08:51	JC/MD	Ok,M
3	VX1120MBL01	VX048624.D	20 Nov 2025 09:19	JC/MD	Ok
4	VX1120WBL01	VX048625.D	20 Nov 2025 10:09	JC/MD	Ok
5	VX1120WBS01	VX048626.D	20 Nov 2025 11:04	JC/MD	Ok,M
6	Q3652-04	VX048627.D	20 Nov 2025 11:24	JC/MD	Ok
7	Q3659-01	VX048628.D	20 Nov 2025 11:45	JC/MD	Ok
8	Q3659-02	VX048629.D	20 Nov 2025 12:05	JC/MD	Ok
9	VX1120WBSD01	VX048630.D	20 Nov 2025 12:26	JC/MD	Ok,M
10	IBLK	VX048631.D	20 Nov 2025 12:46	JC/MD	Ok
11	Q3689-02	VX048632.D	20 Nov 2025 13:07	JC/MD	Ok
12	PB170601TB	VX048633.D	20 Nov 2025 13:27	JC/MD	Ok
13	Q3689-01	VX048634.D	20 Nov 2025 13:48	JC/MD	Dilution
14	IBLK	VX048635.D	20 Nov 2025 14:09	JC/MD	Ok
15	Q3689-01DL	VX048636.D	20 Nov 2025 14:55	JC/MD	Ok
16	Q3685-01	VX048637.D	20 Nov 2025 15:15	JC/MD	Not Ok
17	Q3685-02	VX048638.D	20 Nov 2025 15:36	JC/MD	Not Ok
18	VSTDCCC050	VX048639.D	20 Nov 2025 15:56	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	MSVOA_X	HP Processing Method	82X110725W.M

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 # VX112025

Review By	John Carlone	Review On	11/21/2025 8:32:05 AM		
Supervise By	Amit Patel	Supervise On	11/21/2025 10:07:17 AM		
SubDirectory	VX112025	HP Acquire Method		HP Processing Method	82X110725W.M

STD. NAME	STD REF.#
Tune/Reschk	VP136337
Initial Calibration Stds	
CCC	VP136338,VP136339
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	VX048622.D	20 Nov 2025 08:17		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX048623.D	20 Nov 2025 08:51	pH#Lot#V12668	JC/MD	Ok,M
3	VX1120MBL01	VX1120MBL01	VX048624.D	20 Nov 2025 09:19		JC/MD	Ok
4	VX1120WBL01	VX1120WBL01	VX048625.D	20 Nov 2025 10:09		JC/MD	Ok
5	VX1120WBS01	VX1120WBS01	VX048626.D	20 Nov 2025 11:04		JC/MD	Ok,M
6	Q3652-04	TP-1	VX048627.D	20 Nov 2025 11:24	vial A pH#5.0	JC/MD	Ok
7	Q3659-01	TANK-1-COMP-1	VX048628.D	20 Nov 2025 11:45	vial A pH#5.0	JC/MD	Ok
8	Q3659-02	TANK-1-COMP-2	VX048629.D	20 Nov 2025 12:05	vial A pH#5.0	JC/MD	Ok
9	VX1120WBSD01	VX1120WBSD01	VX048630.D	20 Nov 2025 12:26		JC/MD	Ok,M
10	IBLK	IBLK	VX048631.D	20 Nov 2025 12:46		JC/MD	Ok
11	Q3689-02	251119025-03 Trip blan	VX048632.D	20 Nov 2025 13:07	vial A pH#6.0 TB	JC/MD	Ok
12	PB170601TB	PB170601TB	VX048633.D	20 Nov 2025 13:27		JC/MD	Ok
13	Q3689-01	251119071-01 VOA	VX048634.D	20 Nov 2025 13:48	vial A pH#6.0 BS,BSD failed high for comp. #52	JC/MD	Dilution
14	IBLK	IBLK	VX048635.D	20 Nov 2025 14:09		JC/MD	Ok
15	Q3689-01DL	251119071-01 VOADL	VX048636.D	20 Nov 2025 14:55	vial C pH#6.0	JC/MD	Ok
16	Q3685-01	4197	VX048637.D	20 Nov 2025 15:15	Run @ Lower Dilution	JC/MD	Not Ok
17	Q3685-02	4198	VX048638.D	20 Nov 2025 15:36	Run @ Lower Dilution	JC/MD	Not Ok

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX112025

Review By	John Carlone	Review On	11/21/2025 8:32:05 AM		
Supervise By	Amit Patel	Supervise On	11/21/2025 10:07:17 AM		
SubDirectory	VX112025	HP Acquire Method		HP Processing Method	82X110725W.M

STD. NAME	STD REF.#
Tune/Reschk	VP136337
Initial Calibration Stds	
CCC	VP136338,VP136339
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	VSTDCCC050	VSTDCCC050EC	VX048639.D	20 Nov 2025 15:56		JC/MD	Ok,M

M : Manual Integration

SHIPPING DOCUMENTS

Q 3689

Garden State Laboratories, Inc.

Main Lab - 410 Hillside Avenue, Hillside NJ 07205 - NJDEP Lab Cert. #20044
Jersey Shore Lab - 54 Main Street, Waretown NJ 08758 - NJDEP Lab Cert. #15037

Tel. 800-273-8901/908-688-8900 Fax 908-688-8966 www.gslabs.com info@gslabs.com

Office and Drop off Locations

North Jersey Office: 225 Sparta Avenue, Sparta, NJ 07871 Tel. 973-729-1827

West Jersey Office: 2050 Route 31 North, Glen Gardner, NJ 08826 Tel. 908-537-7414

FOR SAMPLE RECEIVING USE ONLY

DATE/TIME/TEMP. REC'D AT LAB:

Page _____ of _____

GSL CLIENT #

MICRO #

CHEM. #

SAMPLE REC'D BY:

☐ GSL FIELD SAMPLER/PICK-UP

☐ PICK-UP AT DROP OFF LOCATION

☐ DELIVERED BY CLIENT

CHAIN OF CUSTODY RECORD - PRESS HARD AND PRINT CLEARLY - USE BALL POINT PEN

IMPORTANT: PRINTED NAMES & SIGNATURES ARE REQUIRED

CLIENT INFORMATION (REPORT TO BE SENT TO)

Name: Garden State Laboratories, Inc. Contact/Authorized by: Robert Szot

Mailing Address: 410 Hillside Ave. Phone: 908-688-8900 EXT 129

City/State/Zip: Hilside, NJ. 07205 Email: rszot@gslabs.com

SAMPLE INFORMATION

SAMPLE TYPE: WASTE WATER

SAMPLE LOCATION: ACUA SW LANDFILL LEACHATE TANKS

Grab	Comp	SAMPLE ID (KAE 11/19/25)	SAMPLE COLLECTION Date	Time	AM	PM	ANALYSIS REQUIRED (Print Legibly) ☐ List attached Total Pages ____	CONTAINER INFORMATION No.	Type*	Size	Pres.*
X	X**	25111907L-01 VOA	11/19/25	8:56	X		EPA 8260 TCL LIST + Acrolien & Acrylonitrile	3	V	40mL	A
		25111925-03 Trip blank	—	—	—		EPA 8260 TCL LIST + Acrolien & Acrylonitrile	2	V	40mL	A

⇨ *Container Type: P = Plastic G = Glass A = Amber Glass I = Sterile Thio V = Vial Other/Specify: _____

⇨ *Preservation Code: A = Non Preserved B = Sulfuric Acid C = Sodium Hydroxide D = Nitric Acid E = Hydrochloric Acid F = Zinc Acetate G = Sodium Thiosulfate H = Ascorbic Acid I = Cooled Other/Specify: _____

TURNAROUND TIME: ☒ Standard ☐ Rush (IF RUSH REQUESTED) Rush Due by:

REPORT FORMAT: ☒ Standard Report ☐ Other/Specify:

☐ Standard Report + E2 PWS ID#:

PAYMENT INFORMATION

☐ Sampling/Pick-up Fee: $ ☐ Composite Fee: $ ☐ Rush Fee: $ Amount Due: $

Payment Method: ☐ Credit Card Type: ☐ Check # ☐ Other: See Quote

☒ SUBCONTRACTED WORK

SEND TO: Chem Tech

DATE/TIME:

METHOD OF SHIPMENT: Deliver

Note:

VOA UNPRESERVED DUE TO EFFERVESCENSE - 3 DAY TAT PER JORDAN HEDVAT ATL16

SAMPLE CUSTODY EXCHANGES MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION
PLEASE PRINT YOUR NAME LEGIBLY, USE FULL LEGAL SIGNATURE, DATE AND TIME

Sampled by (PRINT):	Signature:	Date/Time:
Client/Client's Representative (PRINT):	Signature:	Date/Time:
1. Received/Relinquished by (PRINT): Kaylee Evans	Signature: Kaylee Evans	Date/Time: 11/19/25 15:06
2. Received/Relinquished by (PRINT): Luis melendez	Signature:	Date/Time: 11/20/25 8:57

Clara

2.4° C 11/20/25 8:57

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

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3689 GARD04
Client Name : Garden State Laboratories, I
Client Contact : Sharon Ercoliani
Invoice Name : Garden State Laboratories, I
Invoice Contact : Sharon Ercoliani

Order Date : 11/20/2025 9:02:00 AM
Project Name : Waste Water 2025
Receive DateTime : 11/20/2025 8:57:00 AM
Purchase Order :

Project Mgr :
Report Type : Level 1
EDD Type : EXCEL NOCLEANUP
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3689-01	251119071-01 VOA	Water	11/19/2025	08:56					
					VOCMS Group1		624.1		10 Bus. Days
					VOCMS Group2		8260-Low		10 Bus. Days
Q3689-02	251119025-03 Trip blank	Water	11/19/2025	08:56					
					VOCMS Group1		624.1		10 Bus. Days
					VOCMS Group2		8260-Low		10 Bus. Days

Relinguished By : CA
Date / Time : 11/20/25 9:30

Received By :
Date / Time : 11/20/25 930

Storage Area : VOA Refridgerator Room