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DATA REPORTING QUALIFIERS- ORGANIC

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

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

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LAB CHRONICLE

OrderID:	Q3828	**OrderDate:**	12/9/2025 4:14:00 PM
Client:	JACOBS Engineering Group, Inc.	**Project:**	Former Schlumberger STC PTC Site D3868221
Contact:	John Ynfante	**Location:**	--Select--,A11,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3828-01	**BR-02-133-120925**	**Water**			**12/09/25**			**12/09/25**
			VOCMS Group3	8260-Low			12/12/25	
Q3828-02	**BR-02-133-120925-SIM**	**Water**			**12/09/25**			**12/09/25**
			VOC-SIM	SFAM_VOCSIM			12/11/25	
Q3828-03	**OWBR-06-219-120925**	**Water**			**12/09/25**			**12/09/25**
			VOCMS Group3	8260-Low			12/12/25	
Q3828-04	**OWBR-06-219-120925-SIM**	**Water**			**12/09/25**			**12/09/25**
			VOC-SIM	SFAM_VOCSIM			12/11/25	
Q3828-05	**RMW-03B-90-120925**	**Water**			**12/09/25**			**12/09/25**
			VOCMS Group3	8260-Low			12/11/25	
Q3828-05DL	**RMW-03B-90-120925DL**	**Water**			**12/09/25**			**12/09/25**
			VOCMS Group3	8260-Low			12/12/25	
Q3828-06	**OWBR-03-138-120925**	**Water**			**12/09/25**			**12/09/25**
			VOCMS Group3	8260-Low			12/12/25	
Q3828-07	**OWBR-03-138-120925-SIM**	**Water**			**12/09/25**			**12/09/25**
			VOC-SIM	SFAM_VOCSIM			12/11/25	
Q3828-08	**FB01-120925**	**Water**			**12/09/25**			**12/09/25**

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LAB CHRONICLE

			VOCMS Group3	8260-Low		12/11/25	
Q3828-09	**TB01-120925**	**Water**			**12/09/25**		**12/09/25**
			VOCMS Group3	8260-Low		12/11/25	
			VOC-SIM	SFAM_VOCSIM		12/11/25	
Q3828-10	**VHBLK001**	**Water**			**12/09/25**		**12/09/25**
			VOC-SIM	SFAM_VOCSIM		12/11/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3828

Client: JACOBS Engineering Group, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	**BR-02-133-120925**							
Q3828-01	BR-02-133-120925	Water	Trichloroethene	0.31	J	0.090	1.00	ug/L
			Total Voc :	0.31				
			Total Concentration:	0.31				
Client ID:	**OWBR-06-219-120925**							
Q3828-03	OWBR-06-219-120	Water	Trichloroethene	0.26	J	0.090	1.00	ug/L
			Total Voc :	0.26				
			Total Concentration:	0.26				
Client ID:	**RMW-03B-90-120925**							
Q3828-05	RMW-03B-90-1209	Water	Vinyl Chloride	6.10		0.26	1.00	ug/L
Q3828-05	RMW-03B-90-1209	Water	1,1-Dichloroethene	10.8		0.23	1.00	ug/L
Q3828-05	RMW-03B-90-1209	Water	1,1-Dichloroethane	44.8		0.23	1.00	ug/L
Q3828-05	RMW-03B-90-1209	Water	cis-1,2-Dichloroethene	1400	E	0.19	1.00	ug/L
Q3828-05	RMW-03B-90-1209	Water	Benzene	3.20		0.15	1.00	ug/L
Q3828-05	RMW-03B-90-1209	Water	1,2-Dichloroethane	3.00		0.22	1.00	ug/L
Q3828-05	RMW-03B-90-1209	Water	Trichloroethene	1200	E	0.090	1.00	ug/L
Q3828-05	RMW-03B-90-1209	Water	Tetrachloroethene	7.60		0.23	1.00	ug/L
			Total Voc :	2680				
			Total Concentration:	2680				
Client ID:	**RMW-03B-90-120925DL**							
Q3828-05DL	RMW-03B-90-1209	Water	Vinyl Chloride	8.60	JD	5.20	20.0	ug/L
Q3828-05DL	RMW-03B-90-1209	Water	1,1-Dichloroethene	12.0	JD	4.60	20.0	ug/L
Q3828-05DL	RMW-03B-90-1209	Water	1,1-Dichloroethane	54.8	D	4.60	20.0	ug/L
Q3828-05DL	RMW-03B-90-1209	Water	cis-1,2-Dichloroethene	1700	D	3.80	20.0	ug/L
Q3828-05DL	RMW-03B-90-1209	Water	Trichloroethene	1200	D	1.90	20.0	ug/L
Q3828-05DL	RMW-03B-90-1209	Water	Tetrachloroethene	5.70	JD	4.60	20.0	ug/L
			Total Voc :	2980				
			Total Concentration:	2980				
Client ID:	**OWBR-03-138-120925**							
Q3828-06	OWBR-03-138-120	Water	Benzene	0.67	J	0.15	1.00	ug/L
			Total Voc :	0.67				
			Total Concentration:	0.67				

QC SUMMARY

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Surrogate Summary

SDG No.: Q3828

Client: JACOBS Engineering Group, Inc.

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q3828-01	BR-02-133-120925	1,2-Dichloroethane-d4	50	61.1	122		70 (74)	130 (125)
		Dibromofluoromethane	50	48.7	97		70 (75)	130 (124)
		Toluene-d8	50	47.9	96		70 (86)	130 (113)
		4-Bromofluorobenzene	50	59.9	120		70 (77)	130 (121)
Q3828-03	OWBR-06-219-120925	1,2-Dichloroethane-d4	50	56.3	113		70 (74)	130 (125)
		Dibromofluoromethane	50	48.2	96		70 (75)	130 (124)
		Toluene-d8	50	47.1	94		70 (86)	130 (113)
		4-Bromofluorobenzene	50	58.8	118		70 (77)	130 (121)
Q3828-05	RMW-03B-90-120925	1,2-Dichloroethane-d4	50	53.4	107		70 (74)	130 (125)
		Dibromofluoromethane	50	47.1	94		70 (75)	130 (124)
		Toluene-d8	50	48.3	97		70 (86)	130 (113)
		4-Bromofluorobenzene	50	48.8	98		70 (77)	130 (121)
Q3828-05DL	RMW-03B-90-120925DL	1,2-Dichloroethane-d4	50	58.2	116		70 (74)	130 (125)
		Dibromofluoromethane	50	47.5	95		70 (75)	130 (124)
		Toluene-d8	50	45.9	92		70 (86)	130 (113)
		4-Bromofluorobenzene	50	58.1	116		70 (77)	130 (121)
Q3828-06	OWBR-03-138-120925	1,2-Dichloroethane-d4	50	61.1	122		70 (74)	130 (125)
		Dibromofluoromethane	50	49.7	99		70 (75)	130 (124)
		Toluene-d8	50	48.2	96		70 (86)	130 (113)
		4-Bromofluorobenzene	50	59.8	120		70 (77)	130 (121)
Q3828-08	FB01-120925	1,2-Dichloroethane-d4	50	52.5	105		70 (74)	130 (125)
		Dibromofluoromethane	50	49.4	99		70 (75)	130 (124)
		Toluene-d8	50	49.7	99		70 (86)	130 (113)
		4-Bromofluorobenzene	50	46.0	92		70 (77)	130 (121)
Q3828-09	TB01-120925	1,2-Dichloroethane-d4	50	52.3	105		70 (74)	130 (125)
		Dibromofluoromethane	50	48.8	98		70 (75)	130 (124)
		Toluene-d8	50	49.3	99		70 (86)	130 (113)
		4-Bromofluorobenzene	50	47.5	95		70 (77)	130 (121)
VX1211WBL01	VX1211WBL01	1,2-Dichloroethane-d4	50	47.5	95		70 (74)	130 (125)
		Dibromofluoromethane	50	47.7	95		70 (75)	130 (124)
		Toluene-d8	50	49.4	99		70 (86)	130 (113)
		4-Bromofluorobenzene	50	43.4	87		70 (77)	130 (121)
VX1211WBS01	VX1211WBS01	1,2-Dichloroethane-d4	50	56.0	112		70 (74)	130 (125)
		Dibromofluoromethane	50	54.6	109		70 (75)	130 (124)
		Toluene-d8	50	53.0	106		70 (86)	130 (113)
		4-Bromofluorobenzene	50	55.2	110		70 (77)	130 (121)
VX1211WBSD0	VX1211WBSD01	1,2-Dichloroethane-d4	50	53.0	106		70 (74)	130 (125)
		Dibromofluoromethane	50	53.2	106		70 (75)	130 (124)
		Toluene-d8	50	53.1	106		70 (86)	130 (113)
		4-Bromofluorobenzene	50	55.6	111		70 (77)	130 (121)
VX1212WBL01	VX1212WBL01	1,2-Dichloroethane-d4	50	57.7	115		70 (74)	130 (125)
		Dibromofluoromethane	50	47.6	95		70 (75)	130 (124)
		Toluene-d8	50	47.8	96		70 (86)	130 (113)
		4-Bromofluorobenzene	50	60.2	120		70 (77)	130 (121)
VX1212WBS01	VX1212WBS01	1,2-Dichloroethane-d4	50	60.2	120		70 (74)	130 (125)
		Dibromofluoromethane	50	56.5	113		70 (75)	130 (124)
		Toluene-d8	50	55.6	111		70 (86)	130 (113)
		4-Bromofluorobenzene	50	60.4	121		70 (77)	130 (121)

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3828 **Analytical Method:** SW8260-Low

Client: JACOBS Engineering Group, Inc. **Datafile :** VX048825.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX1211WBS01	Vinyl chloride	20	16.7	ug/L	84			70 (65)	130 (117)	
	1,1-Dichloroethene	20	16.8	ug/L	84			70 (74)	130 (110)	
	1,1-Dichloroethane	20	19.6	ug/L	98			70 (78)	130 (112)	
	cis-1,2-Dichloroethene	20	19.0	ug/L	95			70 (77)	130 (110)	
	1,1,1-Trichloroethane	20	18.4	ug/L	92			70 (80)	130 (108)	
	Benzene	20	18.4	ug/L	92			70 (82)	130 (109)	
	1,2-Dichloroethane	20	18.5	ug/L	93			70 (80)	130 (115)	
	Trichloroethene	20	17.2	ug/L	86			70 (77)	130 (113)	
	1,1,2-Trichloroethane	20	18.0	ug/L	90			70 (83)	130 (112)	
	Tetrachloroethene	20	15.7	ug/L	79			70 (67)	130 (123)	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3828 **Analytical Method:** SW8260-Low

Client: JACOBS Engineering Group, Inc. **Datafile :** VX048826.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VX1211WBSD01	Vinyl chloride	20	18.6	ug/L	93	10		70 (65)	130 (117)	20 (19)
	1,1-Dichloroethene	20	19.2	ug/L	96	13		70 (74)	130 (110)	20 (20)
	1,1-Dichloroethane	20	22.3	ug/L	112	13		70 (78)	130 (112)	20 (20)
	cis-1,2-Dichloroethene	20	21.4	ug/L	107	12		70 (77)	130 (110)	20 (20)
	1,1,1-Trichloroethane	20	21.1	ug/L	106	14		70 (80)	130 (108)	20 (20)
	Benzene	20	21.4	ug/L	107	15		70 (82)	130 (109)	20 (15)
	1,2-Dichloroethane	20	21.7	ug/L	109	16		70 (80)	130 (115)	20 (20)
	Trichloroethene	20	20.9	ug/L	104	19		70 (77)	130 (113)	20 (15)
	1,1,2-Trichloroethane	20	21.8	ug/L	109	19		70 (83)	130 (112)	20 (20)
	Tetrachloroethene	20	19.9	ug/L	100	23	*	70 (67)	130 (123)	20 (15)

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3828 **Analytical Method:** SW8260-Low

Client: JACOBS Engineering Group, Inc. **Datafile :** VX048843.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX1212WBS01	Vinyl chloride	20	18.1	ug/L	91			70 (65)	130 (117)	
	1,1-Dichloroethene	20	18.1	ug/L	91			70 (74)	130 (110)	
	1,1-Dichloroethane	20	22.6	ug/L	113			70 (78)	130 (112)	
	cis-1,2-Dichloroethene	20	21.3	ug/L	106			70 (77)	130 (110)	
	1,1,1-Trichloroethane	20	20.6	ug/L	103			70 (80)	130 (108)	
	Benzene	20	20.8	ug/L	104			70 (82)	130 (109)	
	1,2-Dichloroethane	20	21.2	ug/L	106			70 (80)	130 (115)	
	Trichloroethene	20	19.9	ug/L	100			70 (77)	130 (113)	
	1,1,2-Trichloroethane	20	19.7	ug/L	99			70 (83)	130 (112)	
	Tetrachloroethene	20	17.2	ug/L	86			70 (67)	130 (123)	

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VOLATILE METHOD BLANK SUMMARY

Client ID: VX1211WBL01

Lab Name: Alliance | Contract: JACO05

Lab Code: ACE | SDG NO.: Q3828

Lab File ID: VX048824.D | Lab Sample ID: VX1211WBL01

Date Analyzed: 12/11/2025 | Time Analyzed: 14:06

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
VX1211WBS01	VX1211WBS01	VX048825.D	12/11/2025
VX1211WBSD01	VX1211WBSD01	VX048826.D	12/11/2025
FB01-120925	Q3828-08	VX048827.D	12/11/2025
TB01-120925	Q3828-09	VX048828.D	12/11/2025
RMW-03B-90-120925	Q3828-05	VX048836.D	12/11/2025

COMMENTS:

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VOLATILE METHOD BLANK SUMMARY

Client ID: VX1212WBL01

Lab Name: Alliance | Contract: JACO05

Lab Code: ACE | SDG NO.: Q3828

Lab File ID: VX048842.D | Lab Sample ID: VX1212WBL01

Date Analyzed: 12/12/2025 | Time Analyzed: 10:31

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
VX1212WBS01	VX1212WBS01	VX048843.D	12/12/2025
RMW-03B-90-120925DL	Q3828-05DL	VX048847.D	12/12/2025
BR-02-133-120925	Q3828-01	VX048850.D	12/12/2025
OWBR-06-219-120925	Q3828-03	VX048851.D	12/12/2025
OWBR-03-138-120925	Q3828-06	VX048852.D	12/12/2025

COMMENTS:

Raw Data: **VX048713.D**

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: JACO05
Lab Code: ACE
SDG NO.: Q3828
Lab File ID: VX048713.D
BFB Injection Date: 12/04/2025
Instrument ID: MSVOA_X
BFB Injection Time: 08:15
GC Column: DB-624UI ID: 0.18 (mm)
Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	19.6
75	30.0 - 60.0% of mass 95	51.6
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.4
173	Less than 2.0% of mass 174	1 (1.3) 1
174	50.0 - 100.0% of mass 95	76.2
175	5.0 - 9.0% of mass 174	5.9 (7.8) 1
176	95.0 - 101.0% of mass 174	74.4 (97.7) 1
177	5.0 - 9.0% of mass 176	4.9 (6.6) 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	VX048714.D	12/04/2025	08:47
VSTDICC005	VSTDICC005	VX048715.D	12/04/2025	09:16
VSTDICC020	VSTDICC020	VX048716.D	12/04/2025	09:36
VSTDICCC050	VSTDICCC050	VX048717.D	12/04/2025	09:57
VSTDICC100	VSTDICC100	VX048718.D	12/04/2025	10:17
VSTDICC150	VSTDICC150	VX048719.D	12/04/2025	10:38

Raw Data: **VX048821.D**

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: JACO05

Lab Code: ACE | SDG NO.: Q3828

Lab File ID: VX048821.D | BFB Injection Date: 12/11/2025

Instrument ID: MSVOA_X | BFB Injection Time: 12:08

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	17.9
75	30.0 - 60.0% of mass 95	50.6
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.4
173	Less than 2.0% of mass 174	1 (1.3) 1
174	50.0 - 100.0% of mass 95	78.2
175	5.0 - 9.0% of mass 174	6.2 (8) 1
176	95.0 - 101.0% of mass 174	75.2 (96.1) 1
177	5.0 - 9.0% of mass 176	5 (6.7) 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	VX048822.D	12/11/2025	13:02
VX1211WBL01	VX1211WBL01	VX048824.D	12/11/2025	14:06
VX1211WBS01	VX1211WBS01	VX048825.D	12/11/2025	14:31
VX1211WBSD01	VX1211WBSD01	VX048826.D	12/11/2025	14:52
FB01-120925	Q3828-08	VX048827.D	12/11/2025	15:37
TB01-120925	Q3828-09	VX048828.D	12/11/2025	15:58
RMW-03B-90-120925	Q3828-05	VX048836.D	12/11/2025	18:44

Alliance TECHNICAL GROUP

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: JACO05

Lab Code: ACE | SDG NO.: Q3828

Lab File ID: VX048839.D | BFB Injection Date: 12/12/2025

Instrument ID: MSVOA_X | BFB Injection Time: 08:44

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	18.5
75	30.0 - 60.0% of mass 95	49.8
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	1 (1.4) 1
174	50.0 - 100.0% of mass 95	76.7
175	5.0 - 9.0% of mass 174	5.8 (7.6) 1
176	95.0 - 101.0% of mass 174	74.4 (97) 1
177	5.0 - 9.0% of mass 176	4.4 (6) 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	VX048840.D	12/12/2025	09:12
VX1212WBL01	VX1212WBL01	VX048842.D	12/12/2025	10:31
VX1212WBS01	VX1212WBS01	VX048843.D	12/12/2025	10:52
RMW-03B-90-120925DL	Q3828-05DL	VX048847.D	12/12/2025	12:26
BR-02-133-120925	Q3828-01	VX048850.D	12/12/2025	13:31
OWBR-06-219-120925	Q3828-03	VX048851.D	12/12/2025	13:53
OWBR-03-138-120925	Q3828-06	VX048852.D	12/12/2025	14:15

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Fax : 908 789 8922

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: JACO05

Lab Code: ACE SDG NO.: Q3828

Lab File ID: VX048822.D Date Analyzed: 12/11/2025

Instrument ID: MSVOA_X Time Analyzed: 13:02

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	165373	5.53	271652	6.74	243221	10.04
UPPER LIMIT	330746	6.031	543304	7.239	486442	10.537
LOWER LIMIT	82686.5	5.031	135826	6.239	121611	9.537
EPA SAMPLE NO.						
RMW-03B-90-120925	172815	5.54	291968	6.74	260001	10.04
FB01-120925	217735	5.54	364455	6.75	324371	10.04
TB01-120925	185904	5.54	310427	6.75	278196	10.04
VX1211WBL01	251542	5.53	411094	6.74	347963	10.04
VX1211WBS01	197059	5.53	327688	6.74	298607	10.04
VX1211WBSD01	160103	5.54	261734	6.75	237436	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: JACO05

Lab Code: ACE SDG NO.: Q3828

Lab File ID: VX048822.D Date Analyzed: 12/11/2025

Instrument ID: MSVOA_X Time Analyzed: 13:02

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

	IS4 AREA #	RT #				
12 HOUR STD	120178	12.006				
UPPER LIMIT	240356	12.506				
LOWER LIMIT	60089	11.506				
EPA SAMPLE NO.						
RMW-03B-90-120925	125510	12.01				
FB01-120925	140783	12.01				
TB01-120925	125050	12.01				
VX1211WBL01	149114	12.00				
VX1211WBS01	146374	12.00				
VX1211WBSD01	119141	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.

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: JACO05

Lab Code: ACE SDG NO.: Q3828

Lab File ID: VX048840.D Date Analyzed: 12/12/2025

Instrument ID: MSVOA_X Time Analyzed: 09:12

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	152770	5.53	255110	6.74	228178	10.04
UPPER LIMIT	305540	6.031	510220	7.238	456356	10.537
LOWER LIMIT	76385	5.031	127555	6.238	114089	9.537
EPA SAMPLE NO.						
BR-02-133-120925	139671	5.54	296647	6.75	321216	10.04
OWBR-06-219-120925	121163	5.53	249454	6.75	271761	10.04
RMW-03B-90-120925DL	149273	5.53	310587	6.75	339410	10.04
OWBR-03-138-120925	127740	5.54	268556	6.75	295742	10.04
VX1212WBL01	157967	5.54	331453	6.75	357991	10.04
VX1212WBS01	146797	5.54	247822	6.74	232443	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: JACO05

Lab Code: ACE SDG NO.: Q3828

Lab File ID: VX048840.D Date Analyzed: 12/12/2025

Instrument ID: MSVOA_X Time Analyzed: 09:12

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

	IS4 AREA #	RT #				
12 HOUR STD	111775	12				
UPPER LIMIT	223550	12.5				
LOWER LIMIT	55887.5	11.5				
EPA SAMPLE NO.						
BR-02-133-120925	171700	12.01				
OWBR-06-219-120925	141522	12.01				
RMW-03B-90-120925DL	178609	12.01				
OWBR-03-138-120925	154634	12.01				
VX1212WBL01	186392	12.00				
VX1212WBS01	121851	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: **VX048850.D**

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

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	12/09/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	12/09/25
Client Sample ID:	BR-02-133-120925	SDG No.:	Q3828
Lab Sample ID:	Q3828-01	Matrix:	Water
Analytical Method:	8260D Level: LOW	% Solid:	0
Sample Wt/Vol:	5 mL Final Vol: 5000 uL	Test:	VOCMS Group3

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-01-4	Vinyl Chloride	0.26	U	1	0.26	1.00	ug/L	12/12/25 13:31	VX121225
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	12/12/25 13:31	VX121225
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	12/12/25 13:31	VX121225
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	12/12/25 13:31	VX121225
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	12/12/25 13:31	VX121225
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	12/12/25 13:31	VX121225
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	12/12/25 13:31	VX121225
79-01-6	Trichloroethene	0.31	J	1	0.090	1.00	ug/L	12/12/25 13:31	VX121225
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	12/12/25 13:31	VX121225
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	12/12/25 13:31	VX121225
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	61.1			70 (74) - 130 (125)	122%	SPK: 50		
1868-53-7	Dibromofluoromethane	48.7			70 (75) - 130 (124)	97%	SPK: 50		
2037-26-5	Toluene-d8	47.9			70 (86) - 130 (113)	96%	SPK: 50		
460-00-4	4-Bromofluorobenzene	59.9			70 (77) - 130 (121)	120%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	140000							
540-36-3	1,4-Difluorobenzene	297000							
3114-55-4	Chlorobenzene-d5	321000							
3855-82-1	1,4-Dichlorobenzene-d4	172000							

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\VX121225\
Data File : VX048850.D
Acq On : 12 Dec 2025 13:31
Operator : JC/MD
Sample : Q3828-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BR-02-133-120925

Quant Time: Dec 12 22:12:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 03:27:34 2025
Response via : Initial Calibration

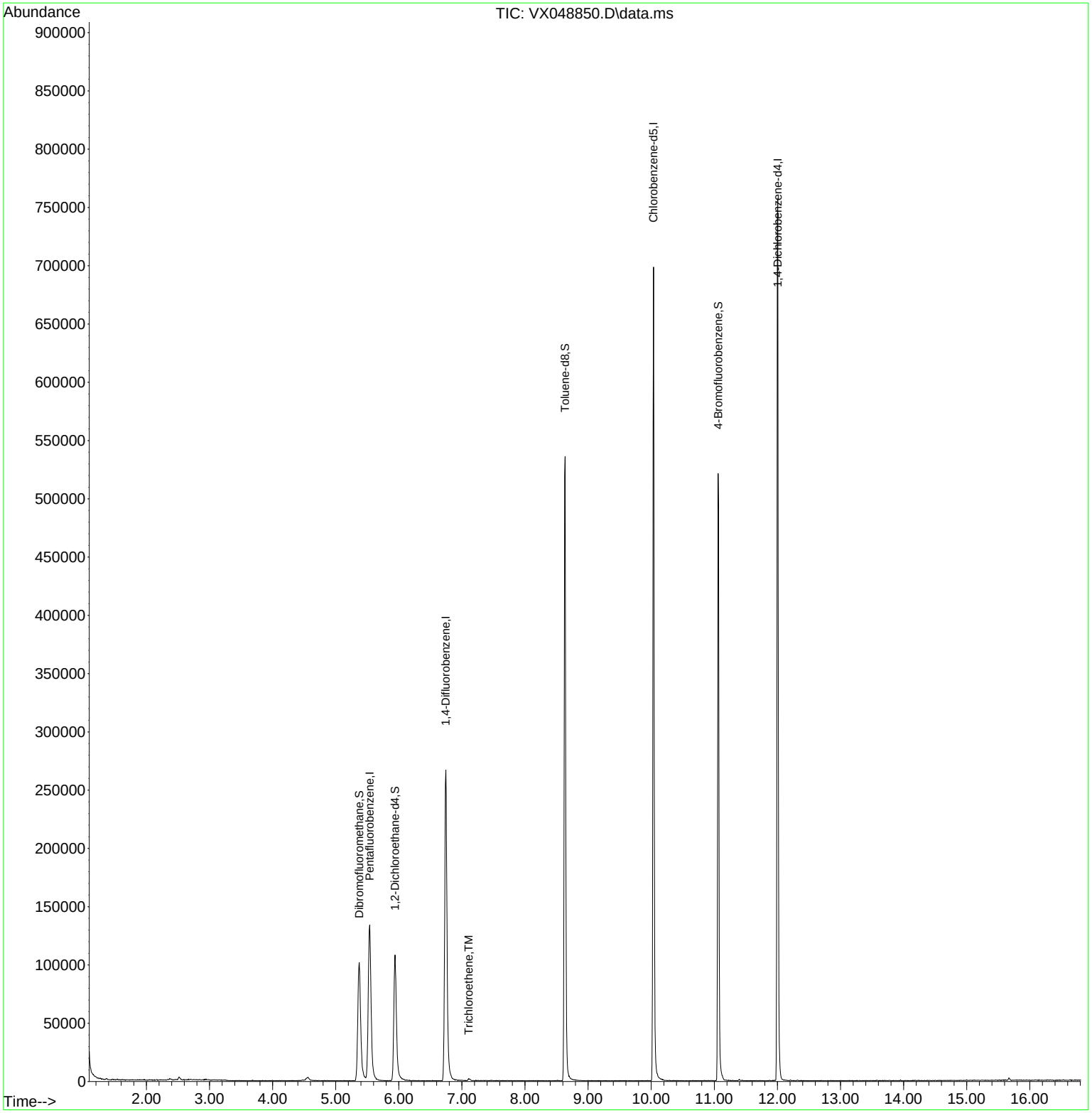
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.537	168	139671	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	296647	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	321216	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	171700	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	114631	61.148	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 122.300%#			
35) Dibromofluoromethane	5.373	113	99461	48.695	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.380%			
50) Toluene-d8	8.634	98	342777	47.876	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 95.760%			
62) 4-Bromofluorobenzene	11.061	95	147914	59.911	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 119.820%			
Target Compounds						Qvalue
44) Trichloroethene	7.104	130	664	0.307	ug/l	90

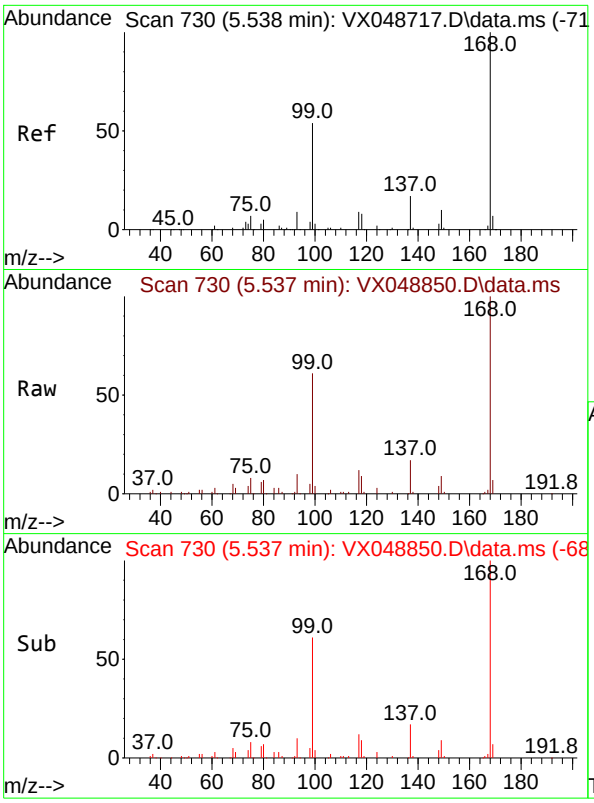
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121225\
Data File : VX048850.D
Acq On : 12 Dec 2025 13:31
Operator : JC/MD
Sample : Q3828-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BR-02-133-120925

Quant Time: Dec 12 22:12:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 03:27:34 2025
Response via : Initial Calibration



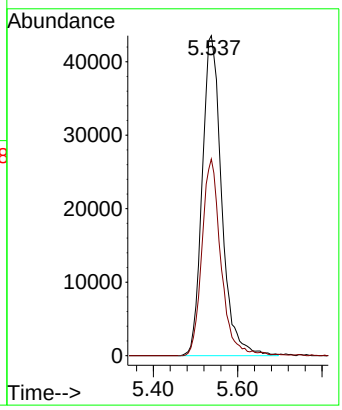


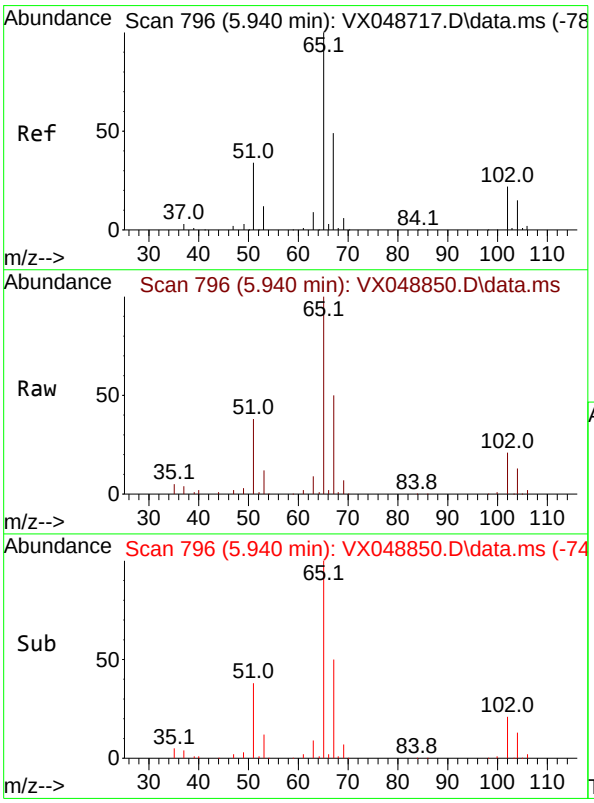
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 7
Delta R.T. -0.001 min
Lab File: VX048850.D
Acq: 12 Dec 2025 13:31

Instrument :
MSVOA_X
ClientSampleId :
BR-02-133-120925

Tgt Ion:168 Resp: 139671

Ion	Ratio	Lower	Upper
168	100		
99	61.5	44.2	66.4

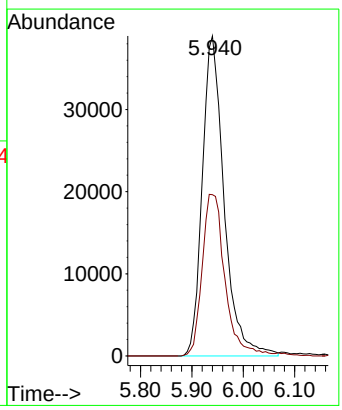


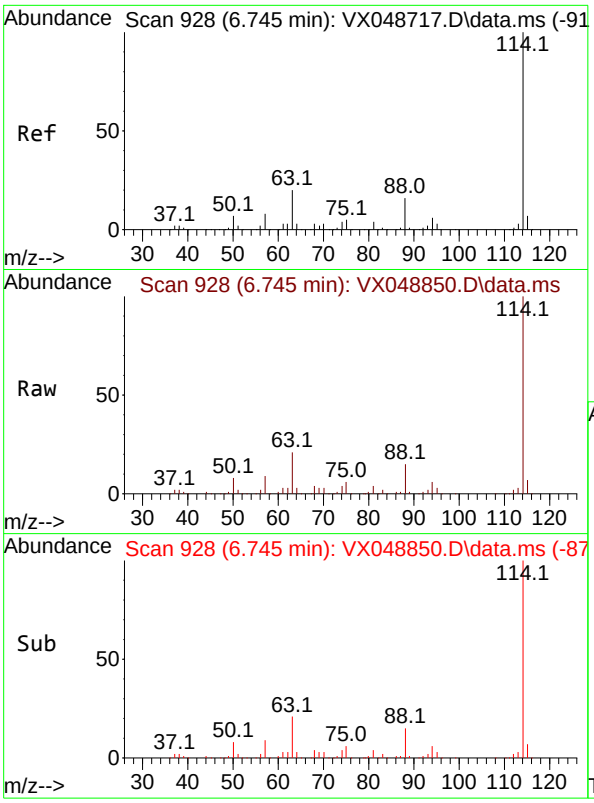


#33
1,2-Dichloroethane-d4
Concen: 61.148 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048850.D
Acq: 12 Dec 2025 13:31

Tgt Ion: 65 Resp: 114631

Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	107.4



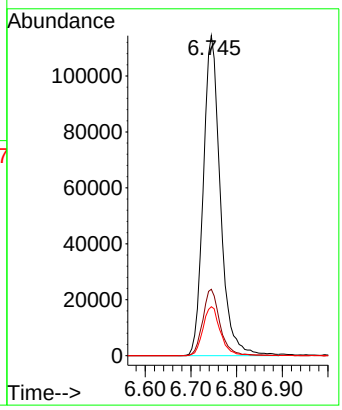


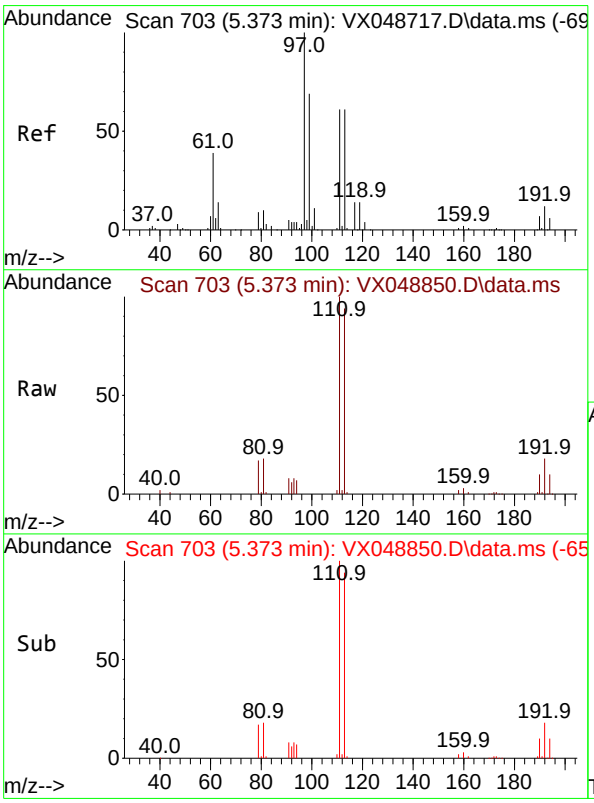
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX048850.D
Acq: 12 Dec 2025 13:31

Instrument :
MSVOA_X
ClientSampleId :
BR-02-133-120925

Tgt Ion:114 Resp: 296647

Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	39.0
88	15.3	0.0	31.8

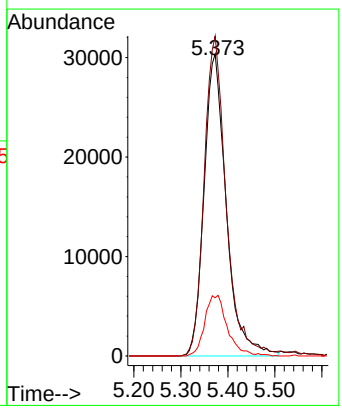


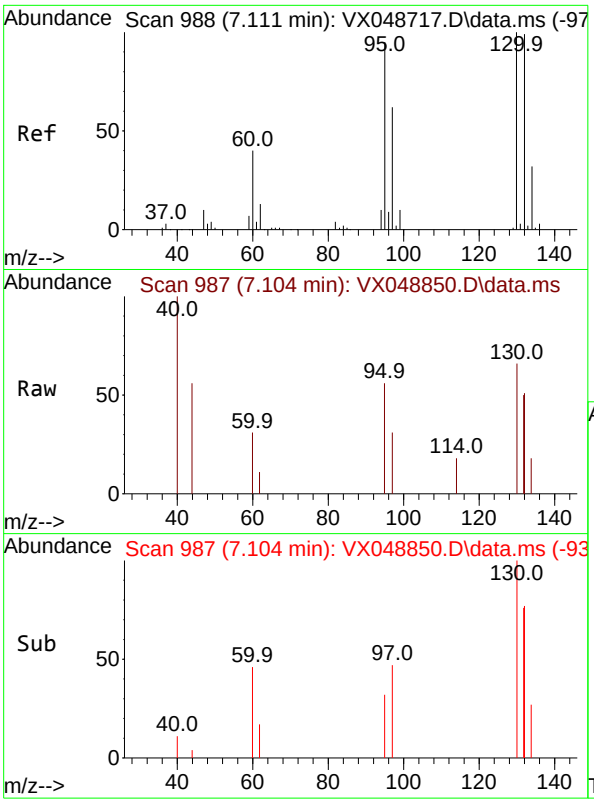


#35
Dibromofluoromethane
Concen: 48.695 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048850.D
Acq: 12 Dec 2025 13:31

Tgt Ion:113 Resp: 99461

Ion	Ratio	Lower	Upper
113	100		
111	104.3	79.5	119.3
192	20.2	16.1	24.1



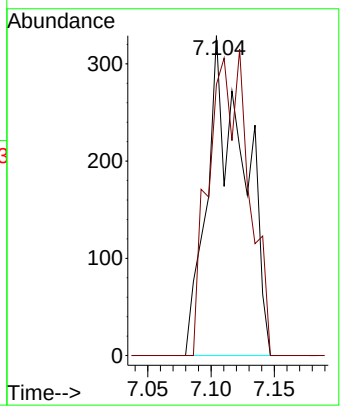


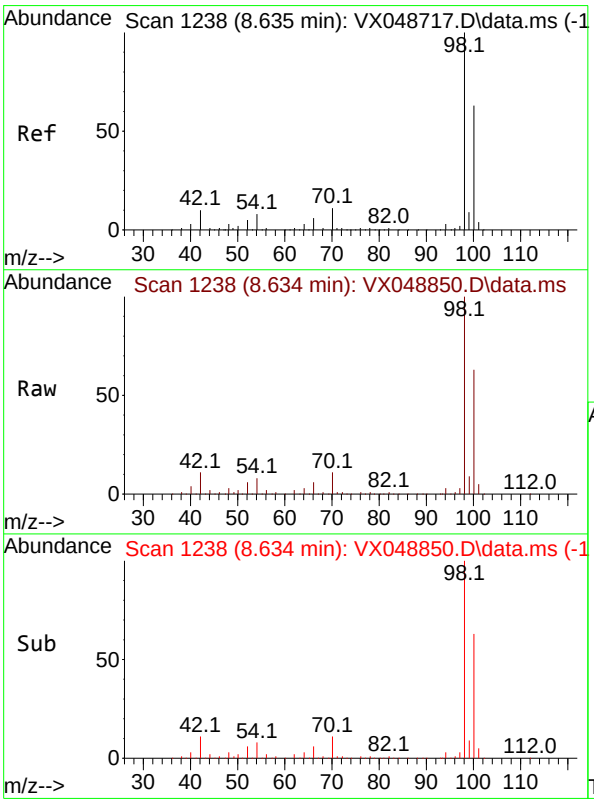
#44
Trichloroethene
Concen: 0.307 ug/l
RT: 7.104 min Scan# 9
Delta R.T. -0.006 min
Lab File: VX048850.D
Acq: 12 Dec 2025 13:31

Instrument :
MSVOA_X
ClientSampleId :
BR-02-133-120925

Tgt Ion:130 Resp: 664

Ion	Ratio	Lower	Upper
130	100		
95	84.8	0.0	189.6

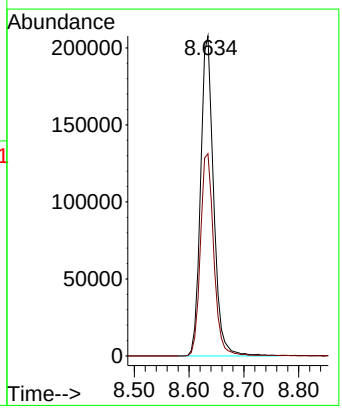


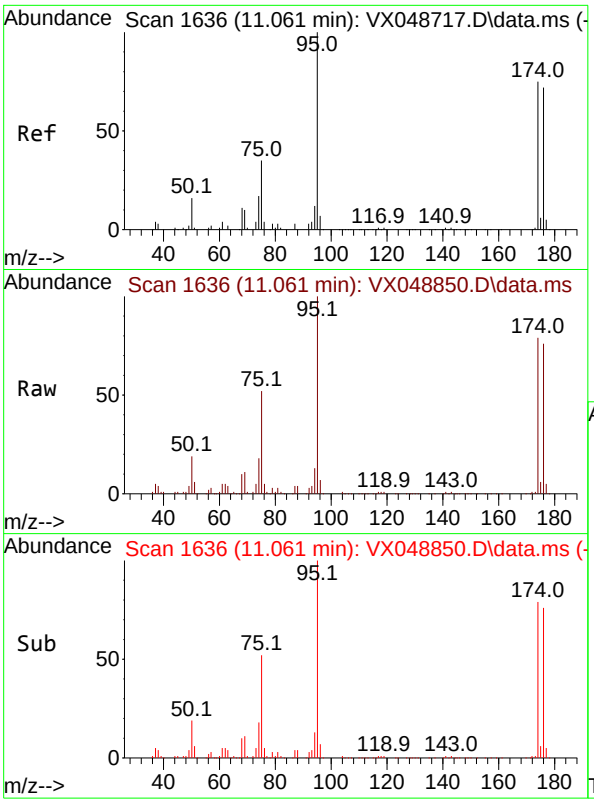


#50
Toluene-d8
Concen: 47.876 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048850.D
Acq: 12 Dec 2025 13:31

Tgt Ion: 98 Resp: 342777

Ion	Ratio	Lower	Upper
98	100		
100	64.8	53.4	80.0



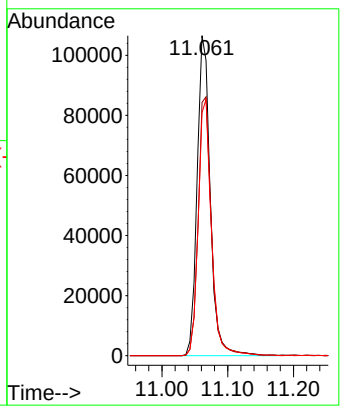


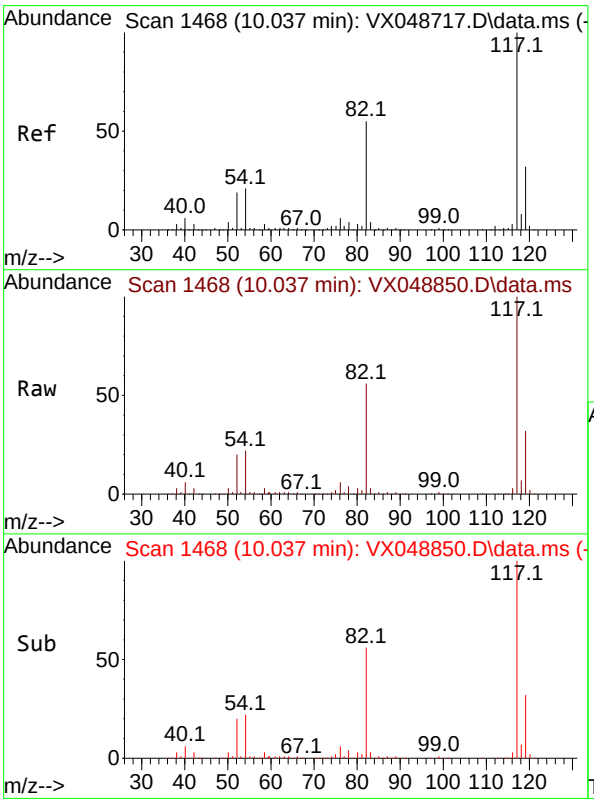
#62
4-Bromofluorobenzene
Concen: 59.911 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048850.D
Acq: 12 Dec 2025 13:31

Instrument :
MSVOA_X
ClientSampleId :
BR-02-133-120925

Tgt Ion: 95 Resp: 147914

Ion	Ratio	Lower	Upper
95	100		
174	81.5	0.0	157.8
176	80.2	0.0	154.0

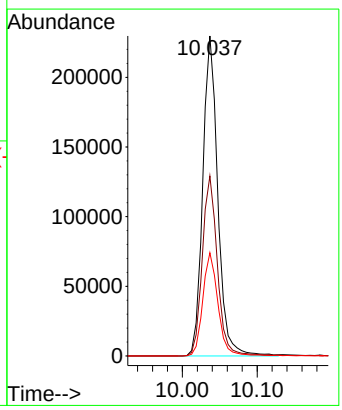


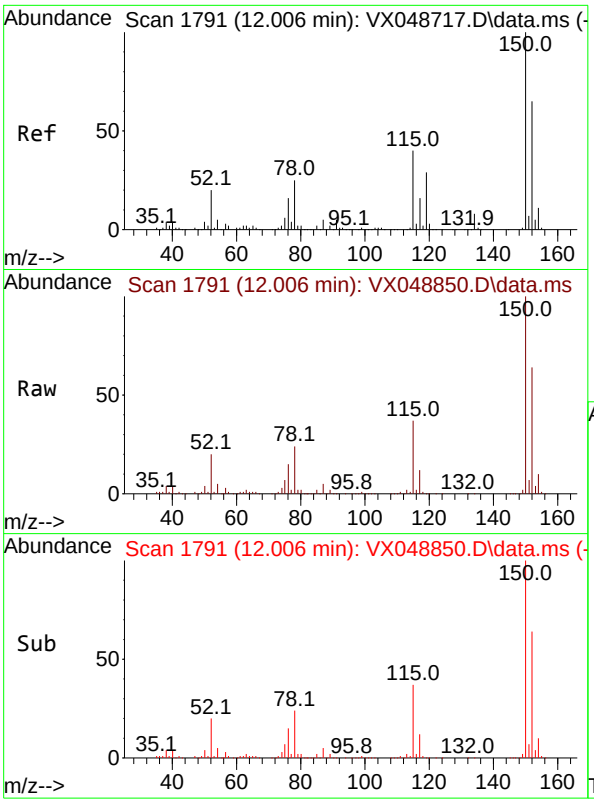


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048850.D
Acq: 12 Dec 2025 13:31

Tgt Ion:117 Resp: 321216

Ion	Ratio	Lower	Upper
117	100		
82	56.3	44.1	66.1
119	32.2	25.2	37.8



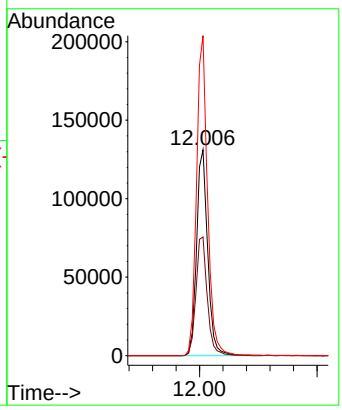


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048850.D
Acq: 12 Dec 2025 13:31

Instrument :
MSVOA_X
ClientSampleId :
BR-02-133-120925

Tgt Ion:152 Resp: 171700

Ion	Ratio	Lower	Upper
152	100		
115	59.0	42.1	126.4
150	154.5	0.0	347.8



Raw Data: **VX048851.D**

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

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	12/09/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	12/09/25
Client Sample ID:	OWBR-06-219-120925	SDG No.:	Q3828
Lab Sample ID:	Q3828-03	Matrix:	Water
Analytical Method:	8260D Level: LOW	% Solid:	0
Sample Wt/Vol:	5 mL Final Vol: 5000 uL	Test:	VOCMS Group3

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-01-4	Vinyl Chloride	0.26	U	1	0.26	1.00	ug/L	12/12/25 13:53	VX121225
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	12/12/25 13:53	VX121225
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	12/12/25 13:53	VX121225
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	12/12/25 13:53	VX121225
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	12/12/25 13:53	VX121225
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	12/12/25 13:53	VX121225
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	12/12/25 13:53	VX121225
79-01-6	Trichloroethene	0.26	J	1	0.090	1.00	ug/L	12/12/25 13:53	VX121225
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	12/12/25 13:53	VX121225
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	12/12/25 13:53	VX121225
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	56.3			70 (74) - 130 (125)	113%	SPK: 50		
1868-53-7	Dibromofluoromethane	48.2			70 (75) - 130 (124)	96%	SPK: 50		
2037-26-5	Toluene-d8	47.1			70 (86) - 130 (113)	94%	SPK: 50		
460-00-4	4-Bromofluorobenzene	58.8			70 (77) - 130 (121)	118%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	121000							
540-36-3	1,4-Difluorobenzene	249000							
3114-55-4	Chlorobenzene-d5	272000							
3855-82-1	1,4-Dichlorobenzene-d4	142000							

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\VX121225\
Data File : VX048851.D
Acq On : 12 Dec 2025 13:53
Operator : JC/MD
Sample : Q3828-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
OWBR-06-219-120925

Quant Time: Dec 12 22:12:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 03:27:34 2025
Response via : Initial Calibration

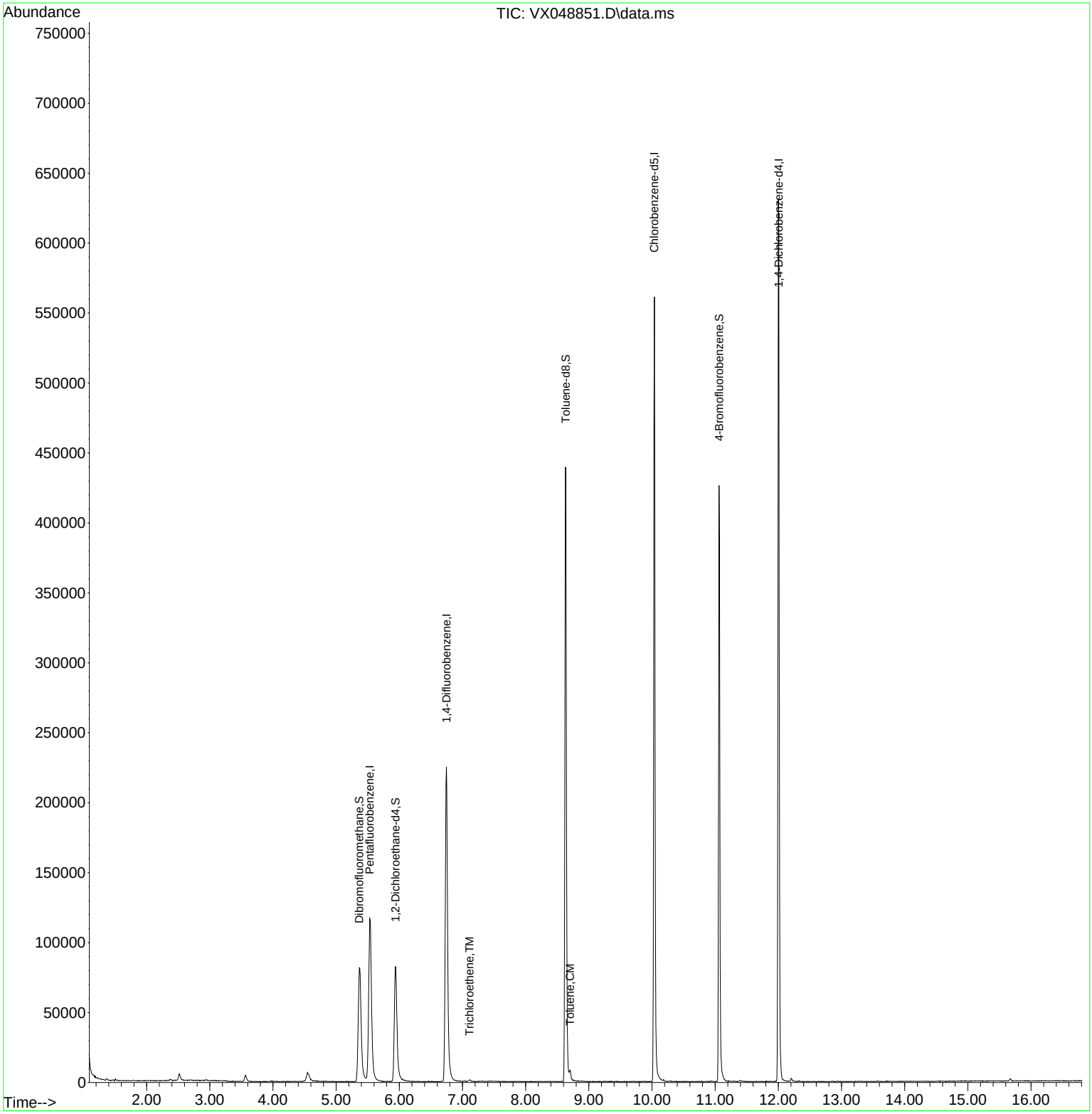
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.532	168	121163	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	249454	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	271761	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	141522	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	91485	56.256	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 112.520%			
35) Dibromofluoromethane	5.367	113	82859	48.241	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.480%			
50) Toluene-d8	8.635	98	283444	47.078	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 94.160%			
62) 4-Bromofluorobenzene	11.061	95	122055	58.790	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 117.580%			
Target Compounds						Qvalue
44) Trichloroethene	7.111	130	480	0.264	ug/l	74
52) Toluene	8.702	92	2428	0.577	ug/l	100

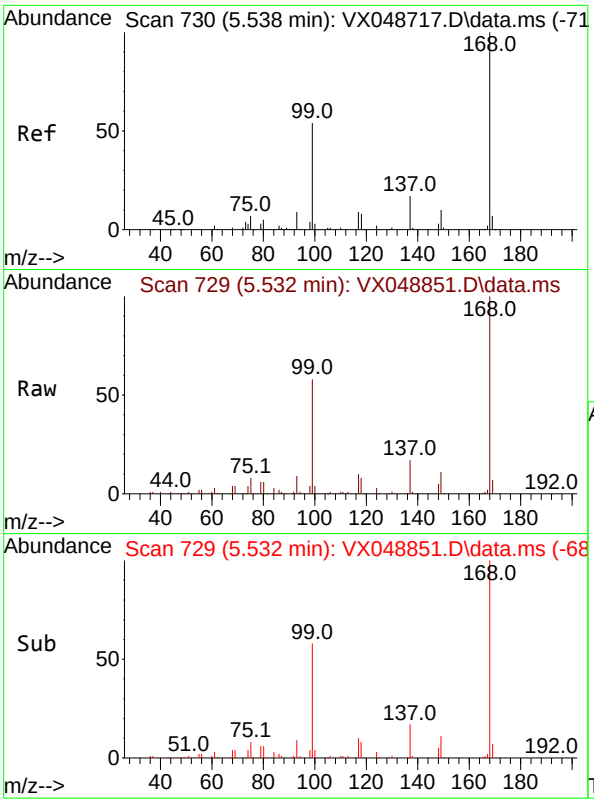
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121225\
Data File : VX048851.D
Acq On : 12 Dec 2025 13:53
Operator : JC/MD
Sample : Q3828-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
OWBR-06-219-120925

Quant Time: Dec 12 22:12:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 03:27:34 2025
Response via : Initial Calibration



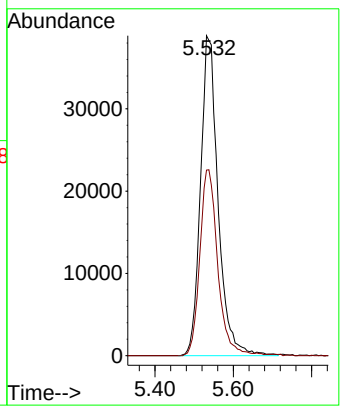


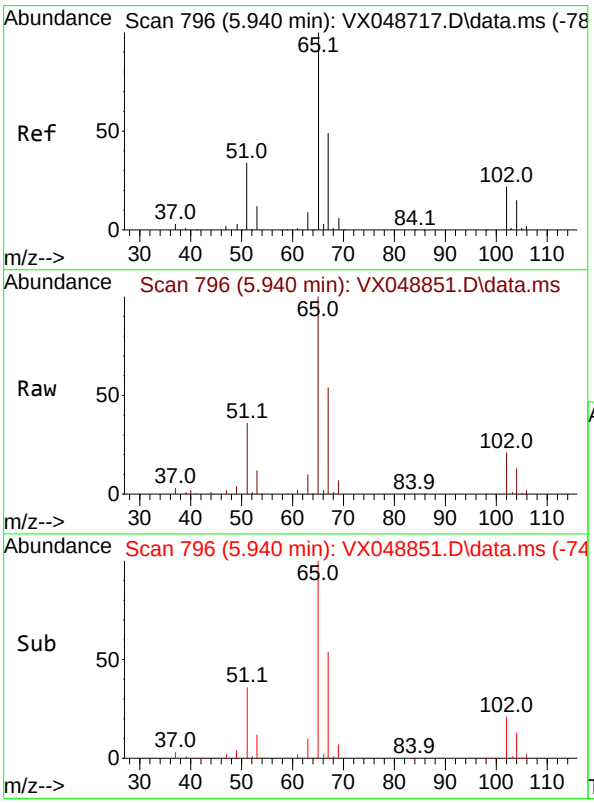
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048851.D
Acq: 12 Dec 2025 13:53

Instrument :
MSVOA_X
ClientSampleId :
OWBR-06-219-120925

Tgt Ion:168 Resp: 121163

Ion	Ratio	Lower	Upper
168	100		
99	58.0	44.2	66.4

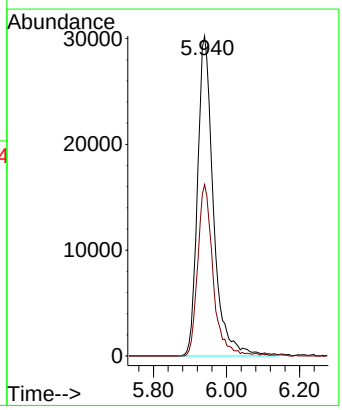


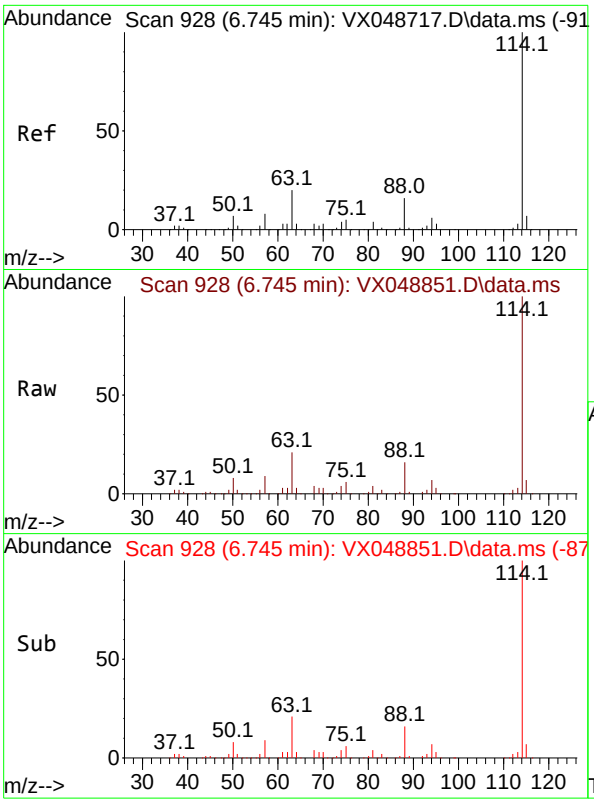


#33
1,2-Dichloroethane-d4
Concen: 56.256 ug/l
RT: 5.940 min Scan# 796
Delta R.T. 0.000 min
Lab File: VX048851.D
Acq: 12 Dec 2025 13:53

Tgt Ion: 65 Resp: 91485

Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	107.4



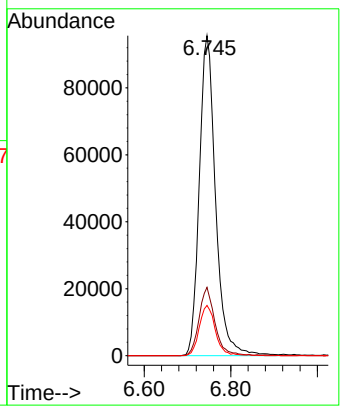


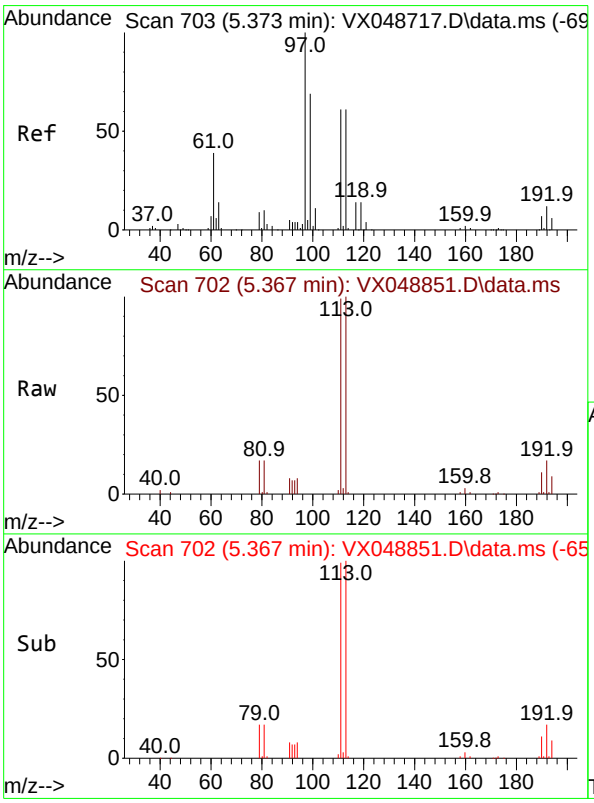
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX048851.D
Acq: 12 Dec 2025 13:53

Instrument :
MSVOA_X
ClientSampleId :
OWBR-06-219-120925

Tgt Ion:114 Resp: 249454

Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	39.0
88	15.7	0.0	31.8

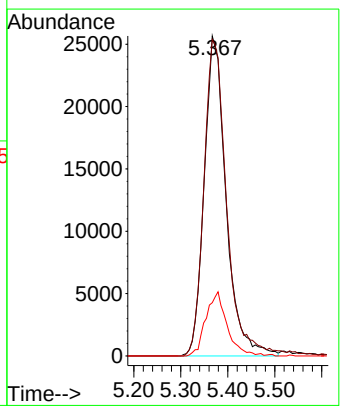


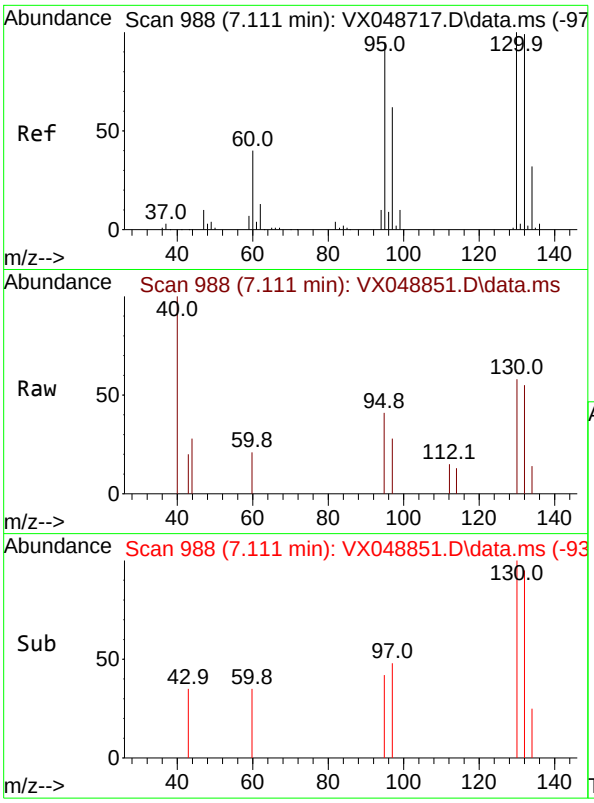


#35
Dibromofluoromethane
Concen: 48.241 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048851.D
Acq: 12 Dec 2025 13:53

Tgt Ion:113 Resp: 82859

Ion	Ratio	Lower	Upper
113	100		
111	102.7	79.5	119.3
192	19.5	16.1	24.1



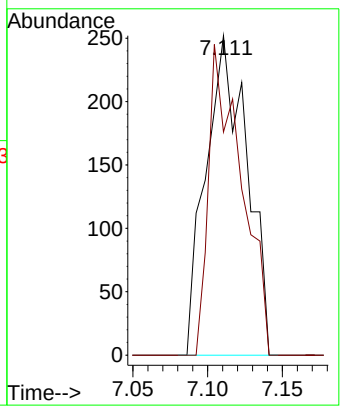


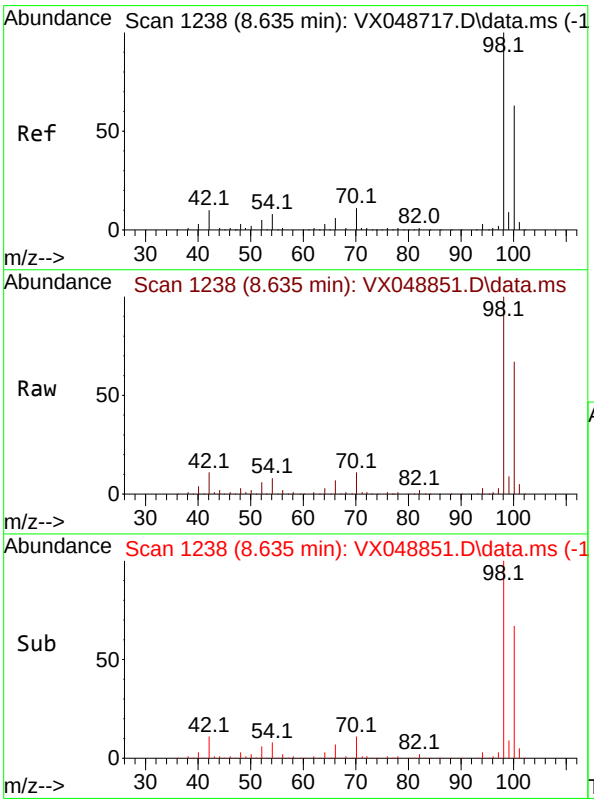
#44
Trichloroethene
Concen: 0.264 ug/l
RT: 7.111 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX048851.D
Acq: 12 Dec 2025 13:53

Instrument :
MSVOA_X
ClientSampleId :
OWBR-06-219-120925

Tgt Ion:130 Resp: 480

Ion	Ratio	Lower	Upper
130	100		
95	69.8	0.0	189.6

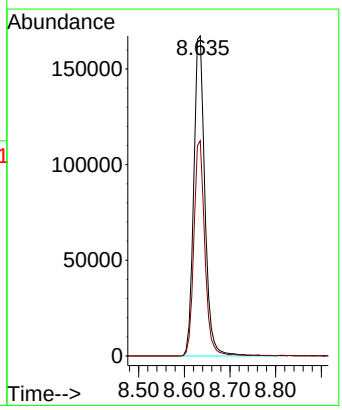


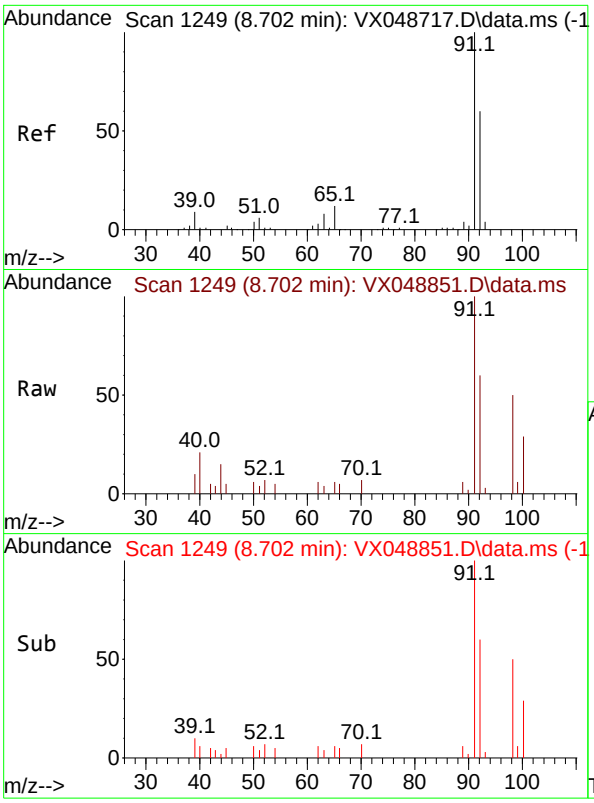


#50
Toluene-d8
Concen: 47.078 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VX048851.D
Acq: 12 Dec 2025 13:53

Tgt Ion: 98 Resp: 283444

Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.4	80.0



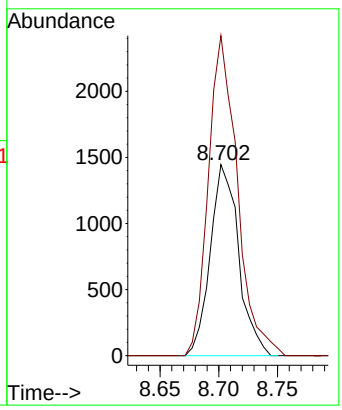


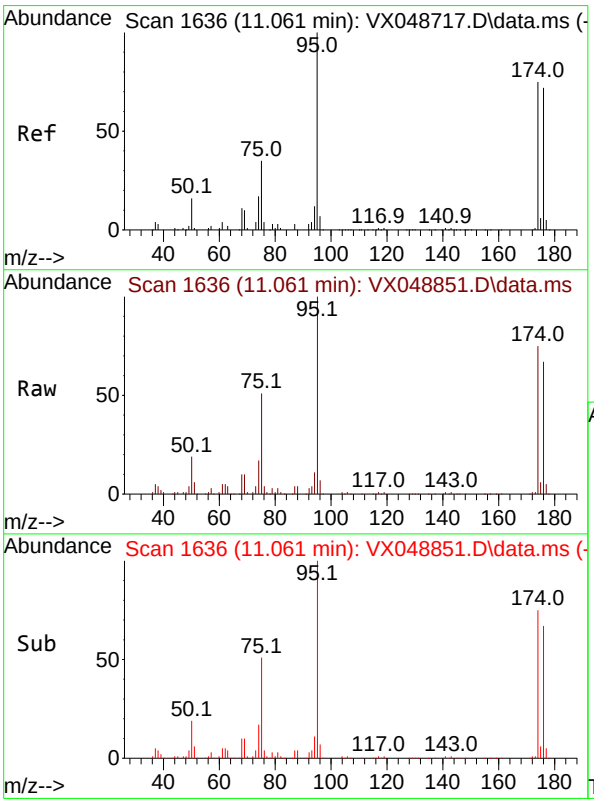
#52
Toluene
Concen: 0.577 ug/l
RT: 8.702 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048851.D
Acq: 12 Dec 2025 13:53

Instrument :
MSVOA_X
ClientSampleId :
OWBR-06-219-120925

Tgt Ion: 92 Resp: 2428

Ion	Ratio	Lower	Upper
92	100		
91	170.9	136.3	204.5

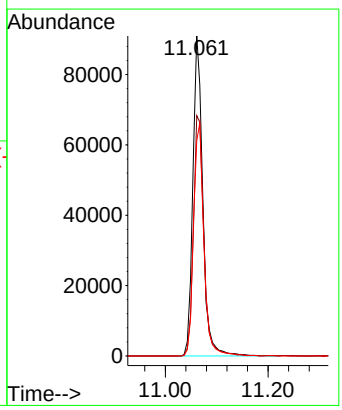


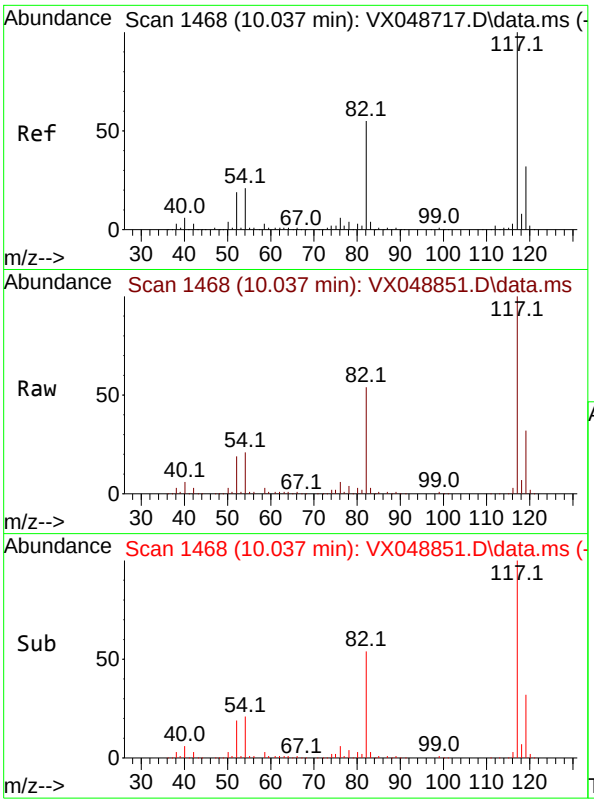


#62
4-Bromofluorobenzene
Concen: 58.790 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048851.D
Acq: 12 Dec 2025 13:53

Tgt Ion: 95 Resp: 122055

Ion	Ratio	Lower	Upper
95	100		
174	79.0	0.0	157.8
176	75.9	0.0	154.0



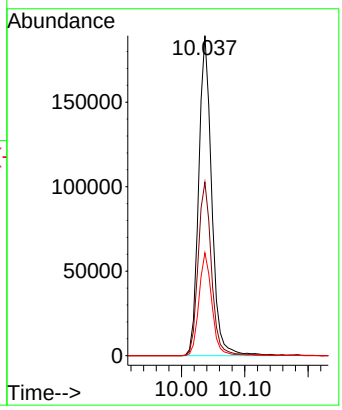


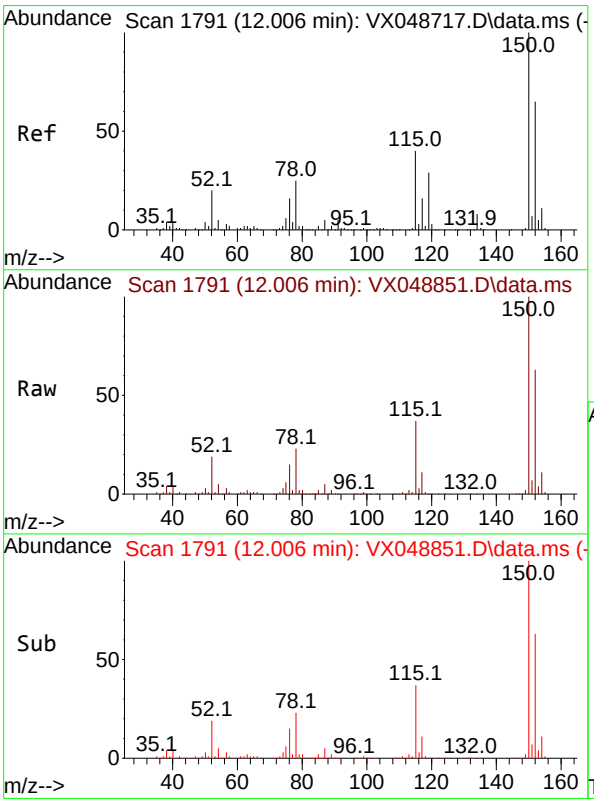
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048851.D
Acq: 12 Dec 2025 13:53

Instrument :
MSVOA_X
ClientSampleId :
OWBR-06-219-120925

Tgt Ion:117 Resp: 271761

Ion	Ratio	Lower	Upper
117	100		
82	54.2	44.1	66.1
119	32.2	25.2	37.8

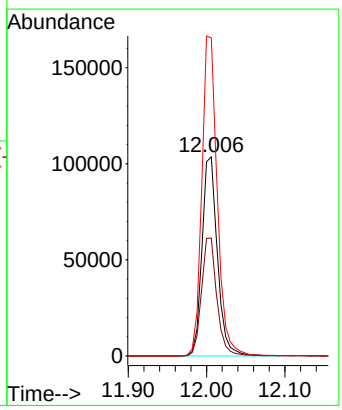




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX048851.D
Acq: 12 Dec 2025 13:53

Tgt Ion:152 Resp: 141522

Ion	Ratio	Lower	Upper
152	100		
115	59.3	42.1	126.4
150	160.7	0.0	347.8



Raw Data: **VX048836.D**

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

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	12/09/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	12/09/25
Client Sample ID:	RMW-03B-90-120925	SDG No.:	Q3828
Lab Sample ID:	Q3828-05	Matrix:	Water
Analytical Method:	8260D Level: LOW	% Solid:	0
Sample Wt/Vol:	5 mL Final Vol: 5000 uL	Test:	VOCMS Group3

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-01-4	Vinyl Chloride	6.10		1	0.26	1.00	ug/L	12/11/25 18:44	VX121125
75-35-4	1,1-Dichloroethene	10.8		1	0.23	1.00	ug/L	12/11/25 18:44	VX121125
75-34-3	1,1-Dichloroethane	44.8		1	0.23	1.00	ug/L	12/11/25 18:44	VX121125
156-59-2	cis-1,2-Dichloroethene	1400	E	1	0.19	1.00	ug/L	12/11/25 18:44	VX121125
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	12/11/25 18:44	VX121125
71-43-2	Benzene	3.20		1	0.15	1.00	ug/L	12/11/25 18:44	VX121125
107-06-2	1,2-Dichloroethane	3.00		1	0.22	1.00	ug/L	12/11/25 18:44	VX121125
79-01-6	Trichloroethene	1200	E	1	0.090	1.00	ug/L	12/11/25 18:44	VX121125
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	12/11/25 18:44	VX121125
127-18-4	Tetrachloroethene	7.60		1	0.23	1.00	ug/L	12/11/25 18:44	VX121125
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	53.4			70 (74) - 130 (125)	107%	SPK: 50		
1868-53-7	Dibromofluoromethane	47.1			70 (75) - 130 (124)	94%	SPK: 50		
2037-26-5	Toluene-d8	48.3			70 (86) - 130 (113)	97%	SPK: 50		
460-00-4	4-Bromofluorobenzene	48.8			70 (77) - 130 (121)	98%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	173000							
540-36-3	1,4-Difluorobenzene	292000							
3114-55-4	Chlorobenzene-d5	260000							
3855-82-1	1,4-Dichlorobenzene-d4	126000							

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\VX121125\
Data File : VX048836.D
Acq On : 11 Dec 2025 18:44
Operator : JC/MD
Sample : Q3828-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RMW-03B-90-120925

Quant Time: Dec 11 23:55:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 03:27:34 2025
Response via : Initial Calibration

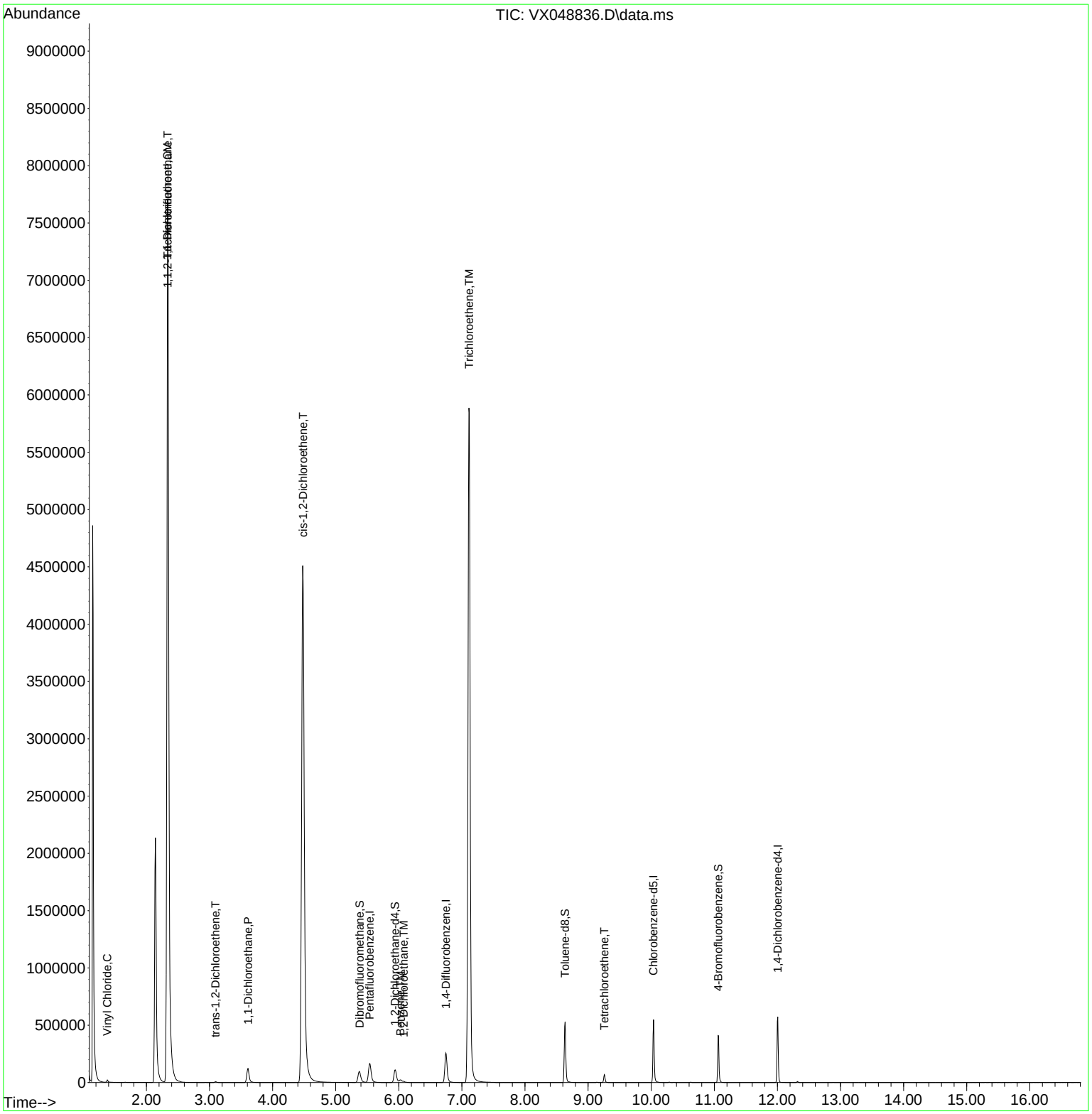
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.537	168	172815	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.744	114	291968	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	260001	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	125510	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	123876	53.406	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.820%			
35) Dibromofluoromethane	5.379	113	94752	47.133	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.260%			
50) Toluene-d8	8.634	98	340129	48.267	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.540%			
62) 4-Bromofluorobenzene	11.061	95	118676	48.839	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.680%			
Target Compounds						Qvalue
4) Vinyl Chloride	1.380	62	14515	6.134	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.337	101	3543073	1802.023	ug/l	98
12) 1,1-Dichloroethene	2.331	96	21657	10.792	ug/l #	76
21) trans-1,2-Dichloroethene	3.093	96	3411	1.665	ug/l	96
24) 1,1-Dichloroethane	3.611	63	157265	44.788	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	3224871	1395.335	ug/l	95
40) Benzene	6.025	78	26446	3.240	ug/l	100
42) 1,2-Dichloroethane	6.080	62	8717	3.017	ug/l	100
44) Trichloroethene	7.116	130	2557014	1200.604	ug/l	94
64) Tetrachloroethene	9.256	164	14381	7.588	ug/l	96

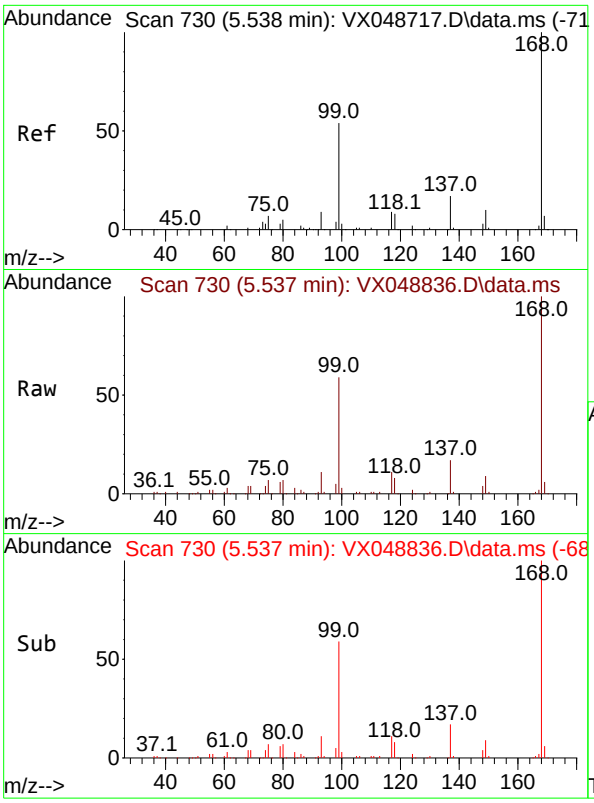
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121125\
Data File : VX048836.D
Acq On : 11 Dec 2025 18:44
Operator : JC/MD
Sample : Q3828-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RMW-03B-90-120925

Quant Time: Dec 11 23:55:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 03:27:34 2025
Response via : Initial Calibration



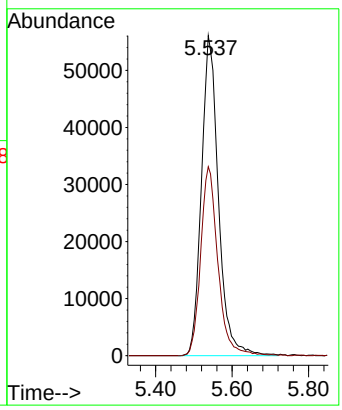


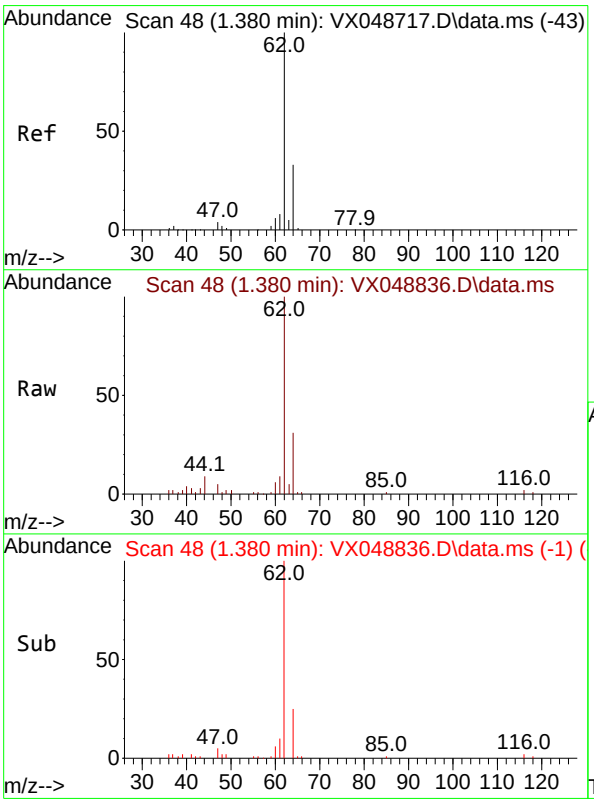
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 7
Delta R.T. -0.001 min
Lab File: VX048836.D
Acq: 11 Dec 2025 18:44

Instrument :
MSVOA_X
ClientSampleId :
RMW-03B-90-120925

Tgt Ion:168 Resp: 172815

Ion	Ratio	Lower	Upper
168	100		
99	59.0	44.2	66.4

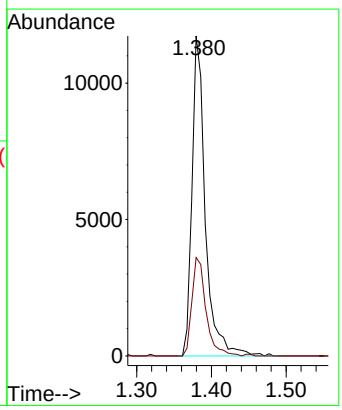


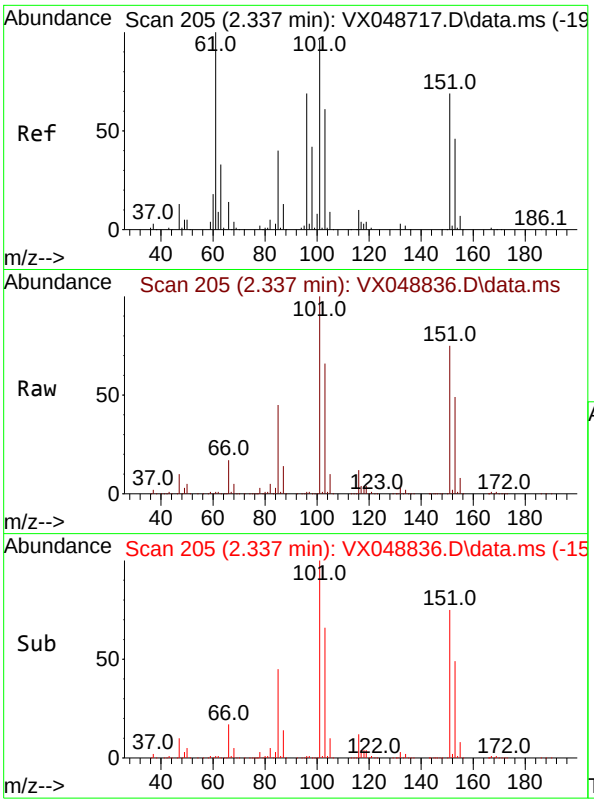


#4
Vinyl Chloride
Concen: 6.134 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048836.D
Acq: 11 Dec 2025 18:44

Tgt Ion: 62 Resp: 14515

Ion	Ratio	Lower	Upper
62	100		
64	30.8	26.0	39.0



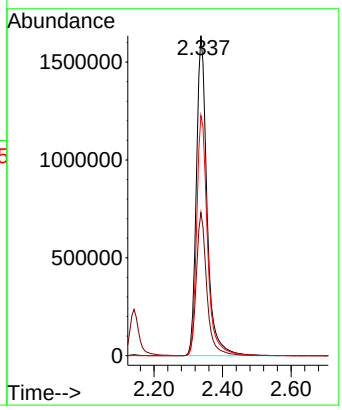


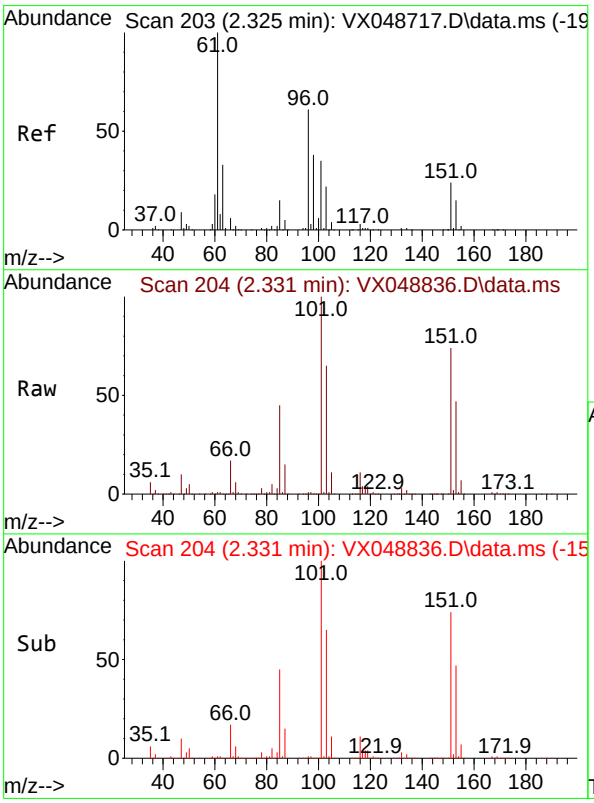
#9
1,1,2-Trichlorotrifluoroethane
Concen: 1802.023 ug/l
RT: 2.337 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048836.D
Acq: 11 Dec 2025 18:44

Instrument :
MSVOA_X
ClientSampleId :
RMW-03B-90-120925

Tgt Ion:101 Resp: 3543073

Ion	Ratio	Lower	Upper
101	100		
85	44.2	34.2	51.2
151	76.7	60.2	90.4

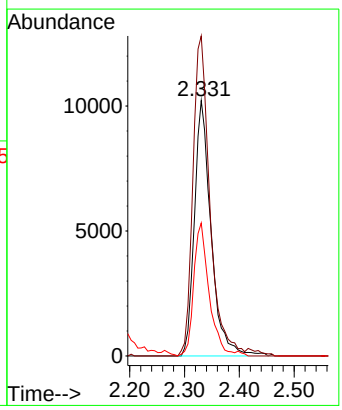


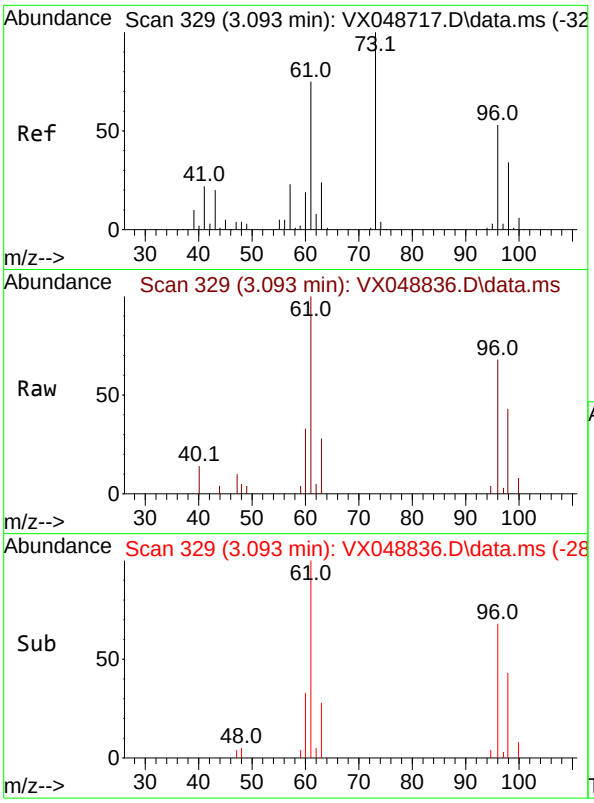


#12
1,1-Dichloroethene
Concen: 10.792 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX048836.D
Acq: 11 Dec 2025 18:44

Tgt Ion: 96 Resp: 21657

Ion	Ratio	Lower	Upper
96	100		
61	125.3	130.7	196.1#
98	52.1	49.8	74.8



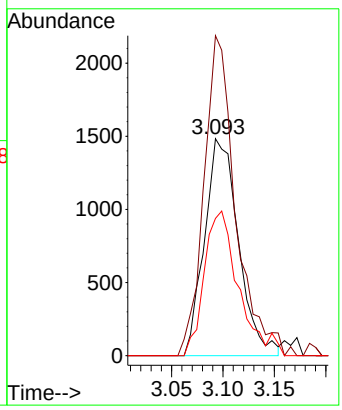


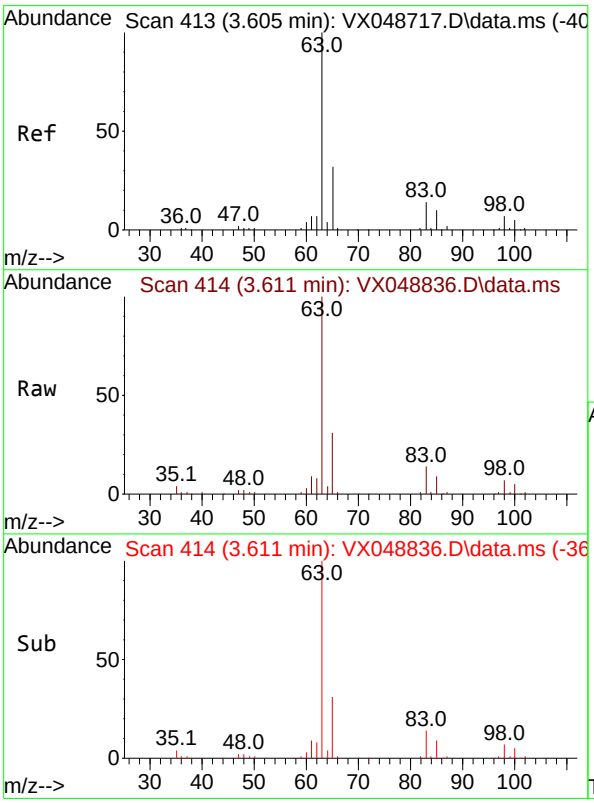
#21
trans-1,2-Dichloroethene
Concen: 1.665 ug/l
RT: 3.093 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048836.D
Acq: 11 Dec 2025 18:44

Instrument :
MSVOA_X
ClientSampleId :
RMW-03B-90-120925

Tgt Ion: 96 Resp: 3411

Ion	Ratio	Lower	Upper
96	100		
61	147.5	112.8	169.2
98	63.3	51.0	76.4

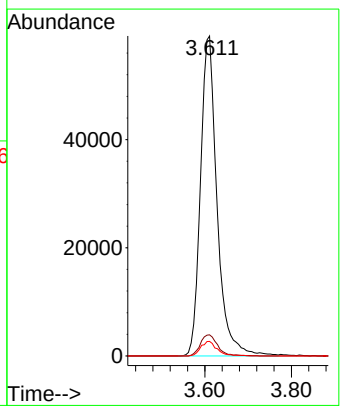


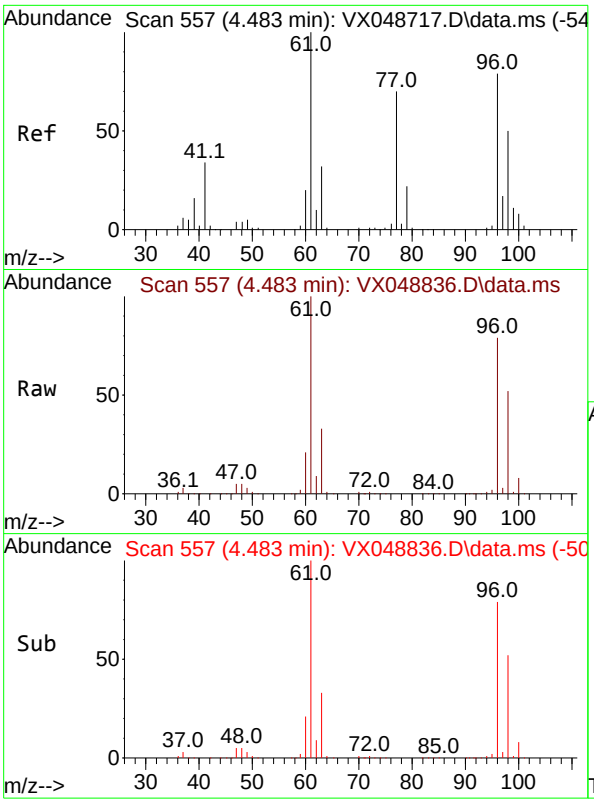


#24
1,1-Dichloroethane
Concen: 44.788 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX048836.D
Acq: 11 Dec 2025 18:44

Tgt Ion: 63 Resp: 157265

Ion	Ratio	Lower	Upper
63	100		
98	6.6	3.5	10.6
100	4.6	2.5	7.4



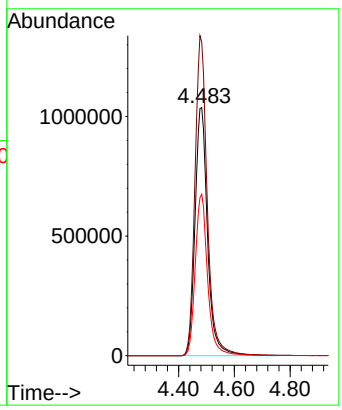


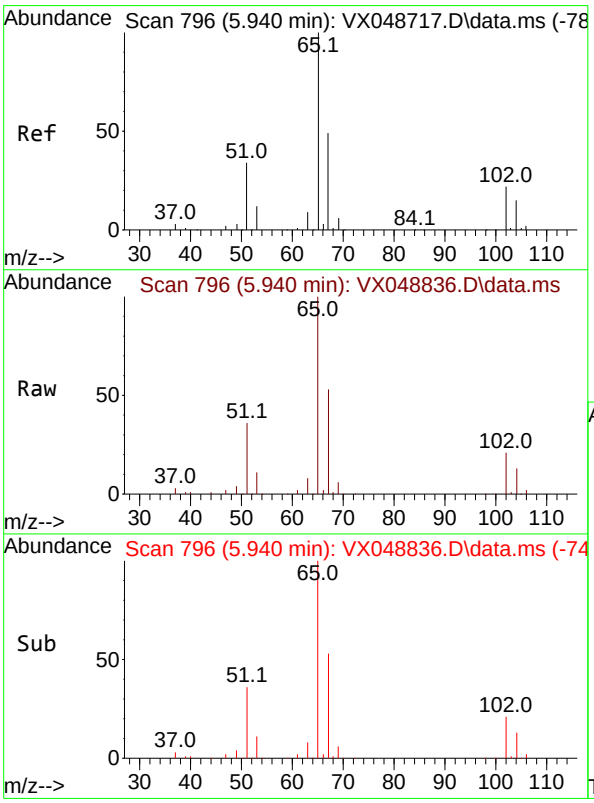
#27
cis-1,2-Dichloroethene
Concen: 1395.335 ug/l
RT: 4.483 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX048836.D
Acq: 11 Dec 2025 18:44

Instrument :
MSVOA_X
ClientSampleId :
RMW-03B-90-120925

Tgt Ion: 96 Resp: 3224871

Ion	Ratio	Lower	Upper
96	100		
61	126.7	0.0	271.0
98	64.5	0.0	130.2

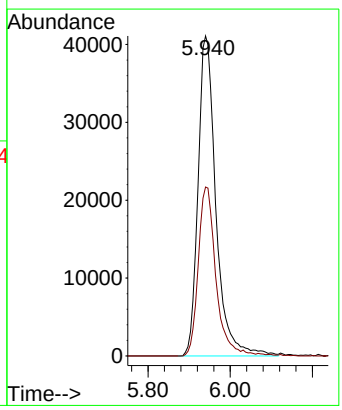


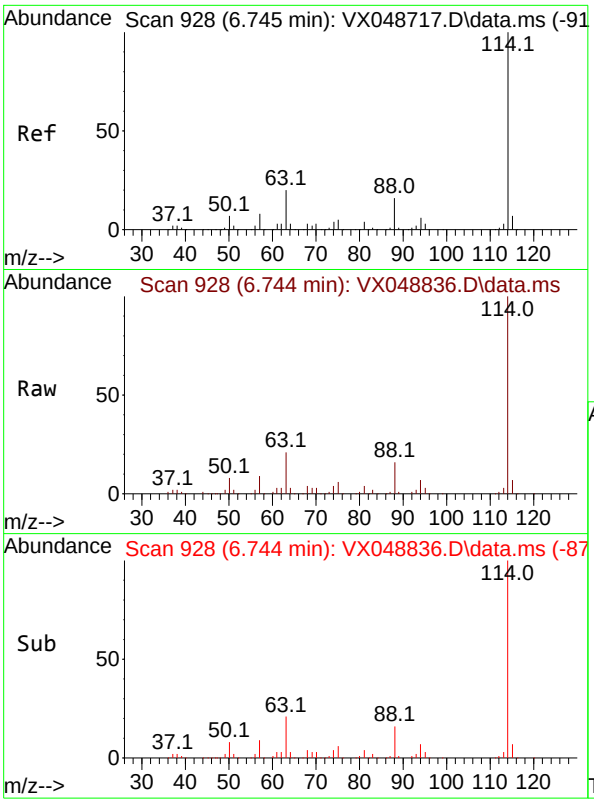


#33
1,2-Dichloroethane-d4
Concen: 53.406 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048836.D
Acq: 11 Dec 2025 18:44

Tgt Ion: 65 Resp: 123876

Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	107.4



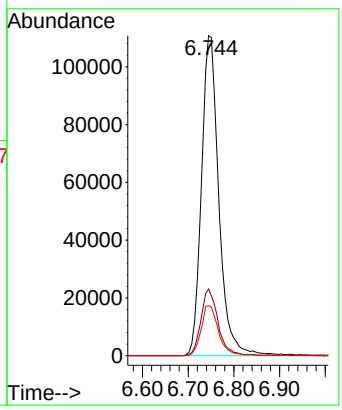


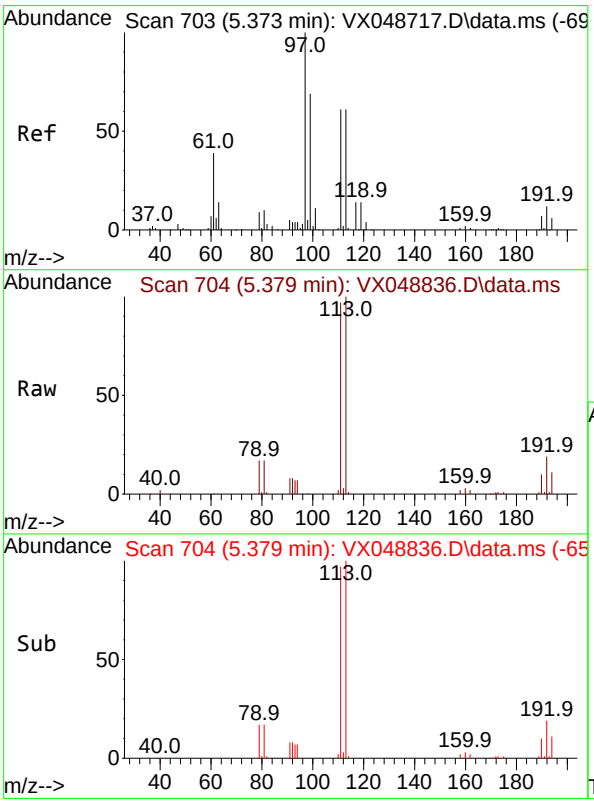
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.744 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX048836.D
Acq: 11 Dec 2025 18:44

Instrument :
MSVOA_X
ClientSampleId :
RMW-03B-90-120925

Tgt Ion:114 Resp: 291968

Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	39.0
88	15.6	0.0	31.8

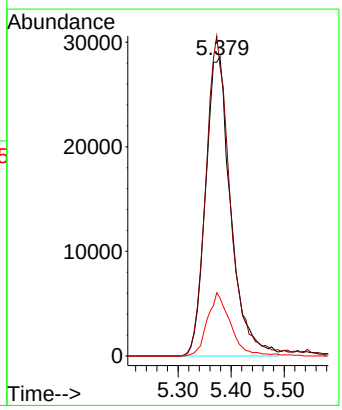


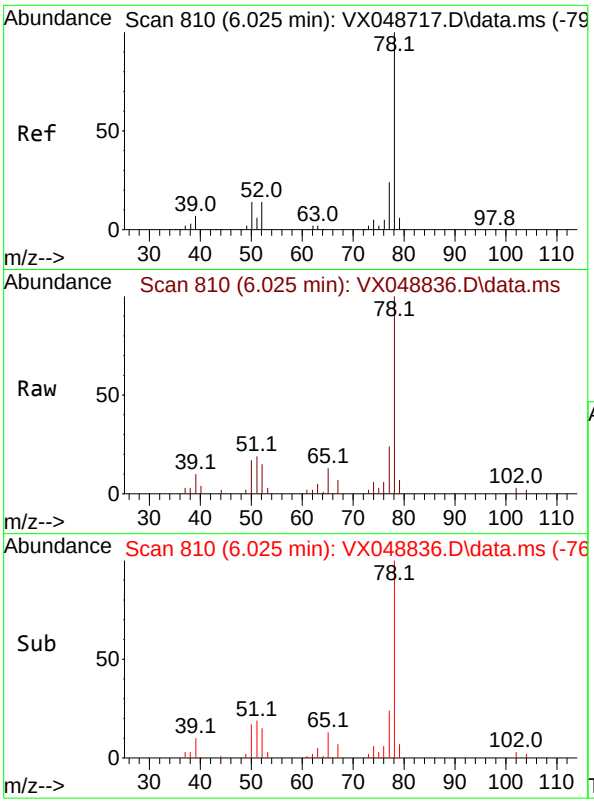


#35
Dibromofluoromethane
Concen: 47.133 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048836.D
Acq: 11 Dec 2025 18:44

Tgt Ion:113 Resp: 94752

Ion	Ratio	Lower	Upper
113	100		
111	103.9	79.5	119.3
192	19.4	16.1	24.1



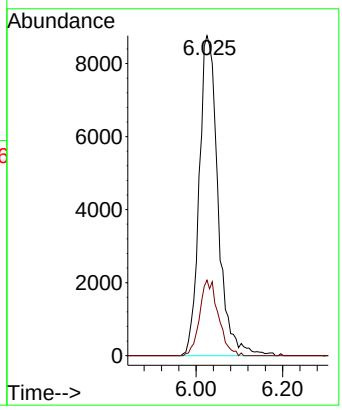


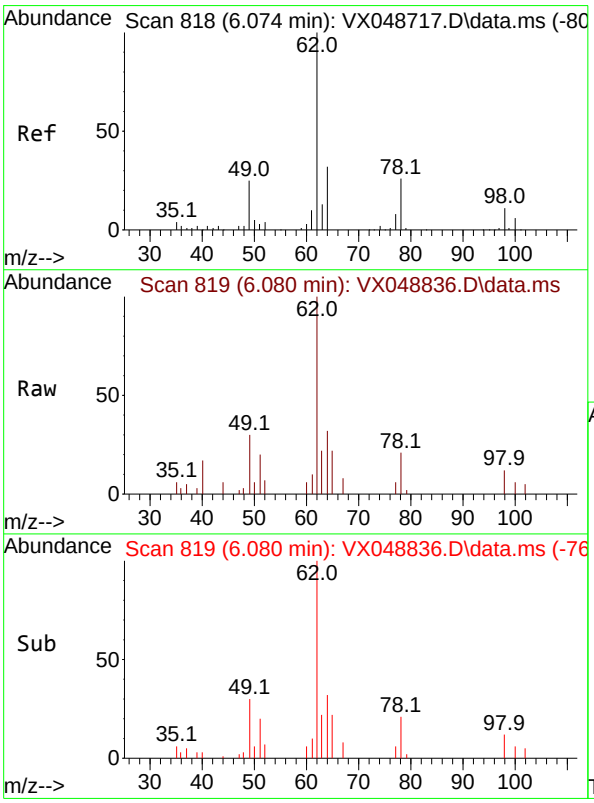
#40
Benzene
Concen: 3.240 ug/l
RT: 6.025 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX048836.D
Acq: 11 Dec 2025 18:44

Instrument :
MSVOA_X
ClientSampleId :
RMW-03B-90-120925

Tgt Ion: 78 Resp: 26446

Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.8	28.2

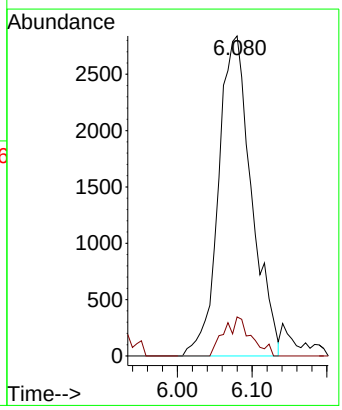


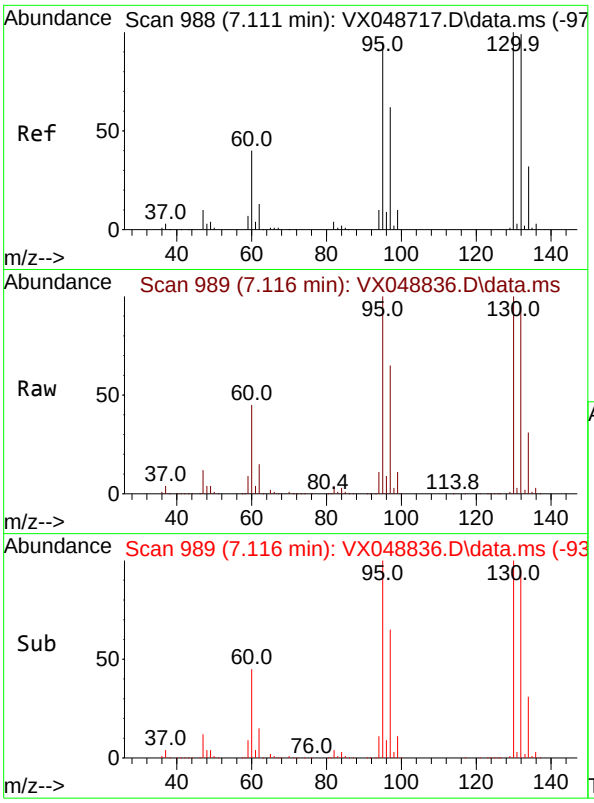


#42
1,2-Dichloroethane
Concen: 3.017 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.006 min
Lab File: VX048836.D
Acq: 11 Dec 2025 18:44

Tgt Ion: 62 Resp: 8717

Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	20.2



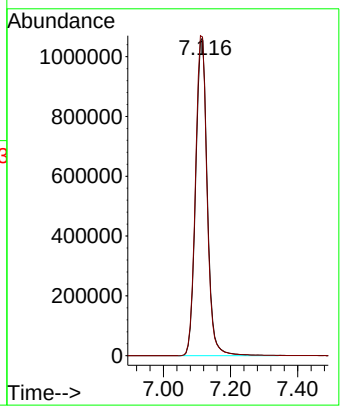


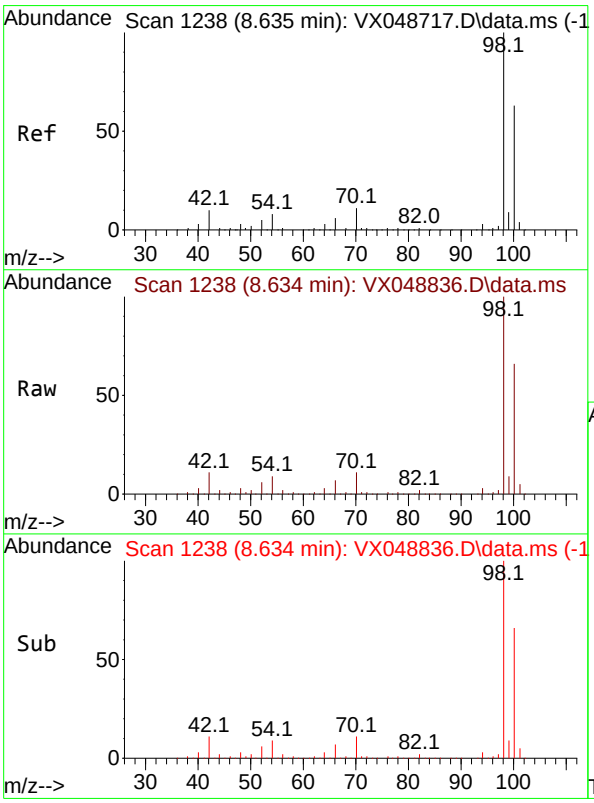
#44
Trichloroethene
Concen: 1200.604 ug/l
RT: 7.116 min Scan# 9
Delta R.T. 0.006 min
Lab File: VX048836.D
Acq: 11 Dec 2025 18:44

Instrument :
MSVOA_X
ClientSampleId :
RMW-03B-90-120925

Tgt Ion:130 Resp: 2557014

Ion	Ratio	Lower	Upper
130	100		
95	100.2	0.0	189.6

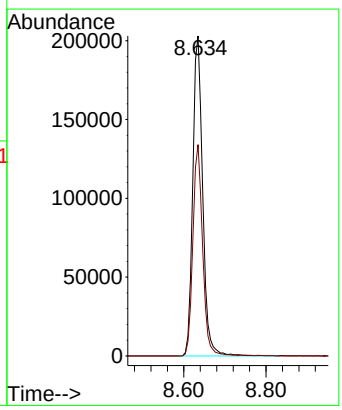


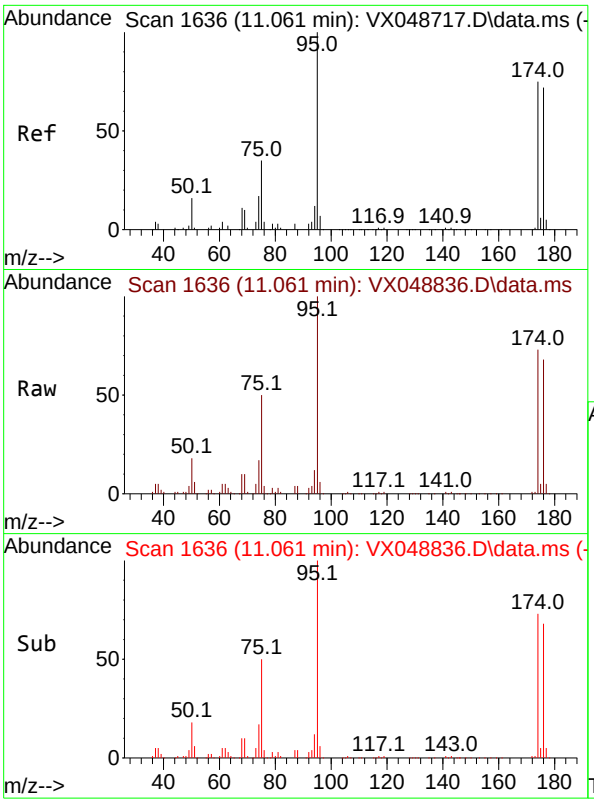


#50
Toluene-d8
Concen: 48.267 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048836.D
Acq: 11 Dec 2025 18:44

Tgt Ion: 98 Resp: 340129

Ion	Ratio	Lower	Upper
98	100		
100	65.2	53.4	80.0



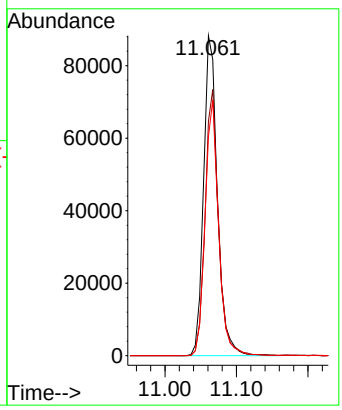


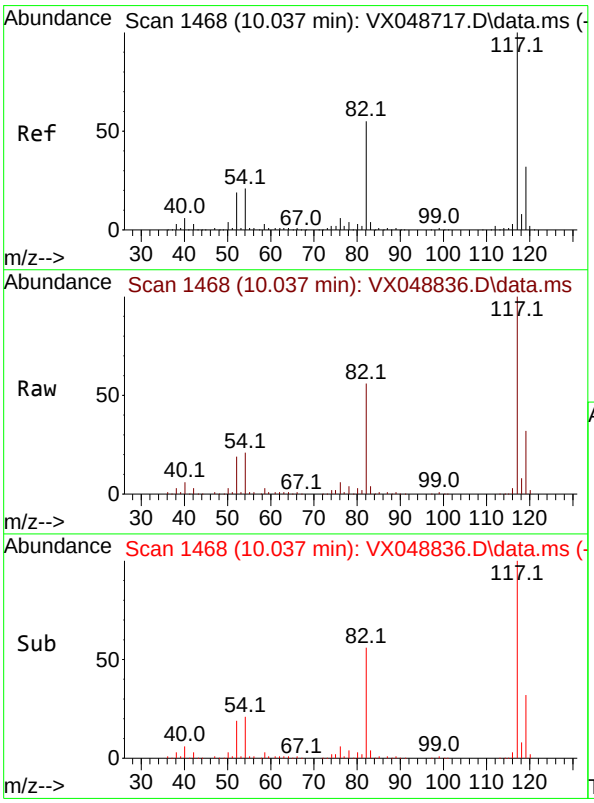
#62
4-Bromofluorobenzene
Concen: 48.839 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048836.D
Acq: 11 Dec 2025 18:44

Instrument :
MSVOA_X
ClientSampleId :
RMW-03B-90-120925

Tgt Ion: 95 Resp: 118676

Ion	Ratio	Lower	Upper
95	100		
174	81.2	0.0	157.8
176	78.2	0.0	154.0

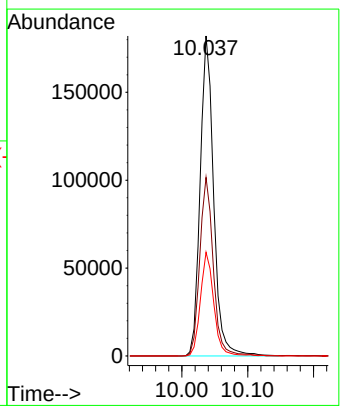


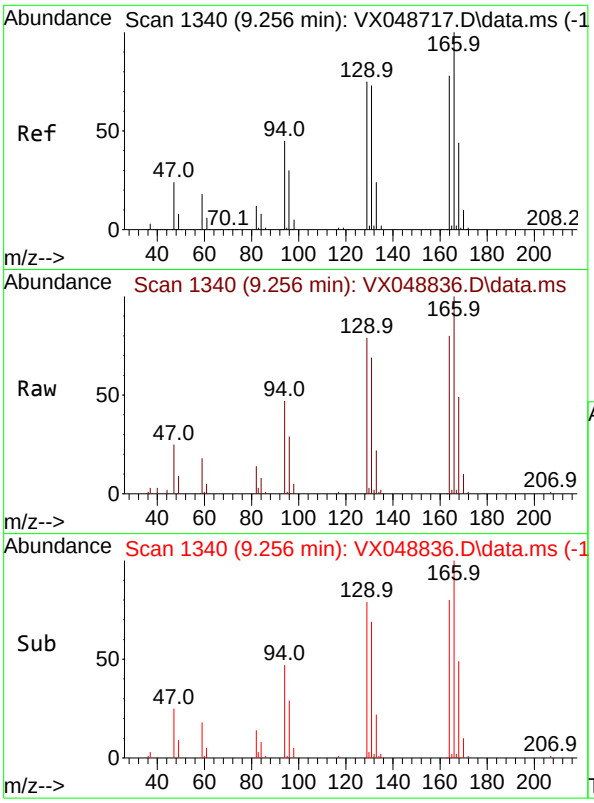


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048836.D
Acq: 11 Dec 2025 18:44

Tgt Ion:117 Resp: 260001

Ion	Ratio	Lower	Upper
117	100		
82	55.8	44.1	66.1
119	32.4	25.2	37.8



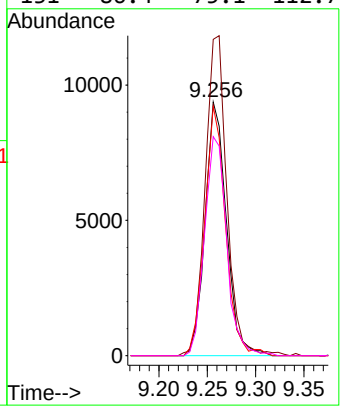


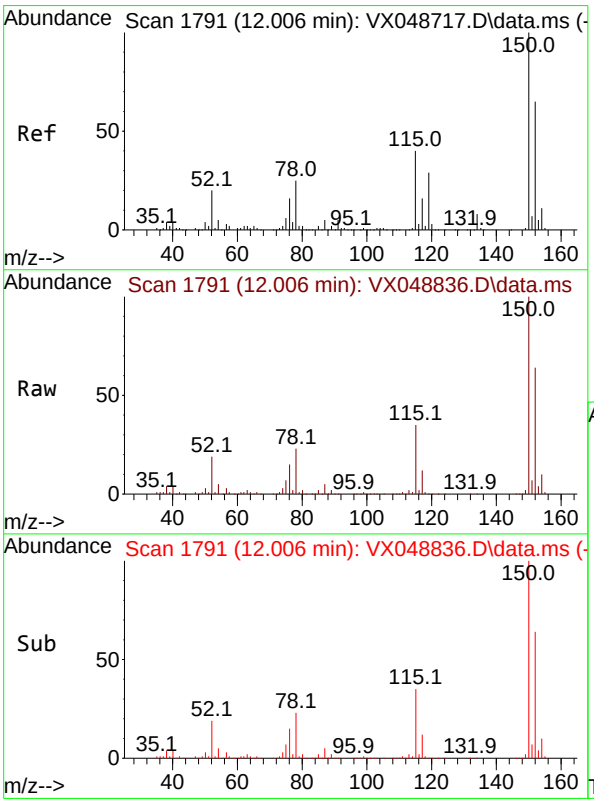
#64
Tetrachloroethene
Concen: 7.588 ug/l
RT: 9.256 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048836.D
Acq: 11 Dec 2025 18:44

Instrument :
MSVOA_X
ClientSampleId :
RMW-03B-90-120925

Tgt Ion:164 Resp: 14381

Ion	Ratio	Lower	Upper
164	100		
166	124.7	103.1	154.7
129	98.4	76.9	115.3
131	86.4	75.1	112.7

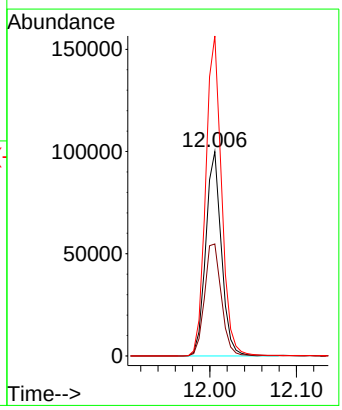




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048836.D
Acq: 11 Dec 2025 18:44

Tgt Ion:152 Resp: 125510

Ion	Ratio	Lower	Upper
152	100		
115	58.8	42.1	126.4
150	158.7	0.0	347.8



Raw Data: **VX048847.D**

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

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	12/09/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	12/09/25
Client Sample ID:	RMW-03B-90-120925DL	SDG No.:	Q3828
Lab Sample ID:	Q3828-05DL	Matrix:	Water
Analytical Method:	8260D Level: LOW	% Solid:	0
Sample Wt/Vol:	5 mL Final Vol: 5000 uL	Test:	VOCMS Group3

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-01-4	Vinyl Chloride	8.60	JD	20	5.20	20.0	ug/L	12/12/25 12:26	VX121225
75-35-4	1,1-Dichloroethene	12.0	JD	20	4.60	20.0	ug/L	12/12/25 12:26	VX121225
75-34-3	1,1-Dichloroethane	54.8	D	20	4.60	20.0	ug/L	12/12/25 12:26	VX121225
156-59-2	cis-1,2-Dichloroethene	1700	D	20	3.80	20.0	ug/L	12/12/25 12:26	VX121225
71-55-6	1,1,1-Trichloroethane	4.00	UD	20	4.00	20.0	ug/L	12/12/25 12:26	VX121225
71-43-2	Benzene	3.00	UD	20	3.00	20.0	ug/L	12/12/25 12:26	VX121225
107-06-2	1,2-Dichloroethane	4.40	UD	20	4.40	20.0	ug/L	12/12/25 12:26	VX121225
79-01-6	Trichloroethene	1200	D	20	1.90	20.0	ug/L	12/12/25 12:26	VX121225
79-00-5	1,1,2-Trichloroethane	4.20	UD	20	4.20	20.0	ug/L	12/12/25 12:26	VX121225
127-18-4	Tetrachloroethene	5.70	JD	20	4.60	20.0	ug/L	12/12/25 12:26	VX121225
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	58.2			70 (74) - 130 (125)	116%	SPK: 50		
1868-53-7	Dibromofluoromethane	47.5			70 (75) - 130 (124)	95%	SPK: 50		
2037-26-5	Toluene-d8	45.9			70 (86) - 130 (113)	92%	SPK: 50		
460-00-4	4-Bromofluorobenzene	58.1			70 (77) - 130 (121)	116%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	149000							
540-36-3	1,4-Difluorobenzene	311000							
3114-55-4	Chlorobenzene-d5	339000							
3855-82-1	1,4-Dichlorobenzene-d4	179000							

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\VX121225\
Data File : VX048847.D
Acq On : 12 Dec 2025 12:26
Operator : JC/MD
Sample : Q3828-05DL 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RMW-03B-90-120925DL

Quant Time: Dec 12 22:11:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 03:27:34 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.531	168	149273	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	310587	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	339410	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	178609	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	116556	58.176	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 116.360%			
35) Dibromofluoromethane	5.373	113	101503	47.464	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.920%			
50) Toluene-d8	8.635	98	344261	45.925	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 91.860%#			
62) 4-Bromofluorobenzene	11.061	95	150309	58.149	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 116.300%			
Target Compounds						Qvalue
4) Vinyl Chloride	1.380	62	876	0.429	ug/l #	88
9) 1,1,2-Trichlorotrifluo...	2.337	101	176276	103.794	ug/l	98
12) 1,1-Dichloroethene	2.331	96	1043	0.602	ug/l	84
24) 1,1-Dichloroethane	3.605	63	8309	2.740	ug/l	96
27) cis-1,2-Dichloroethene	4.477	96	170392	85.352	ug/l	94
44) Trichloroethene	7.110	130	139882	61.742	ug/l	96
64) Tetrachloroethene	9.263	164	705	0.285	ug/l #	87

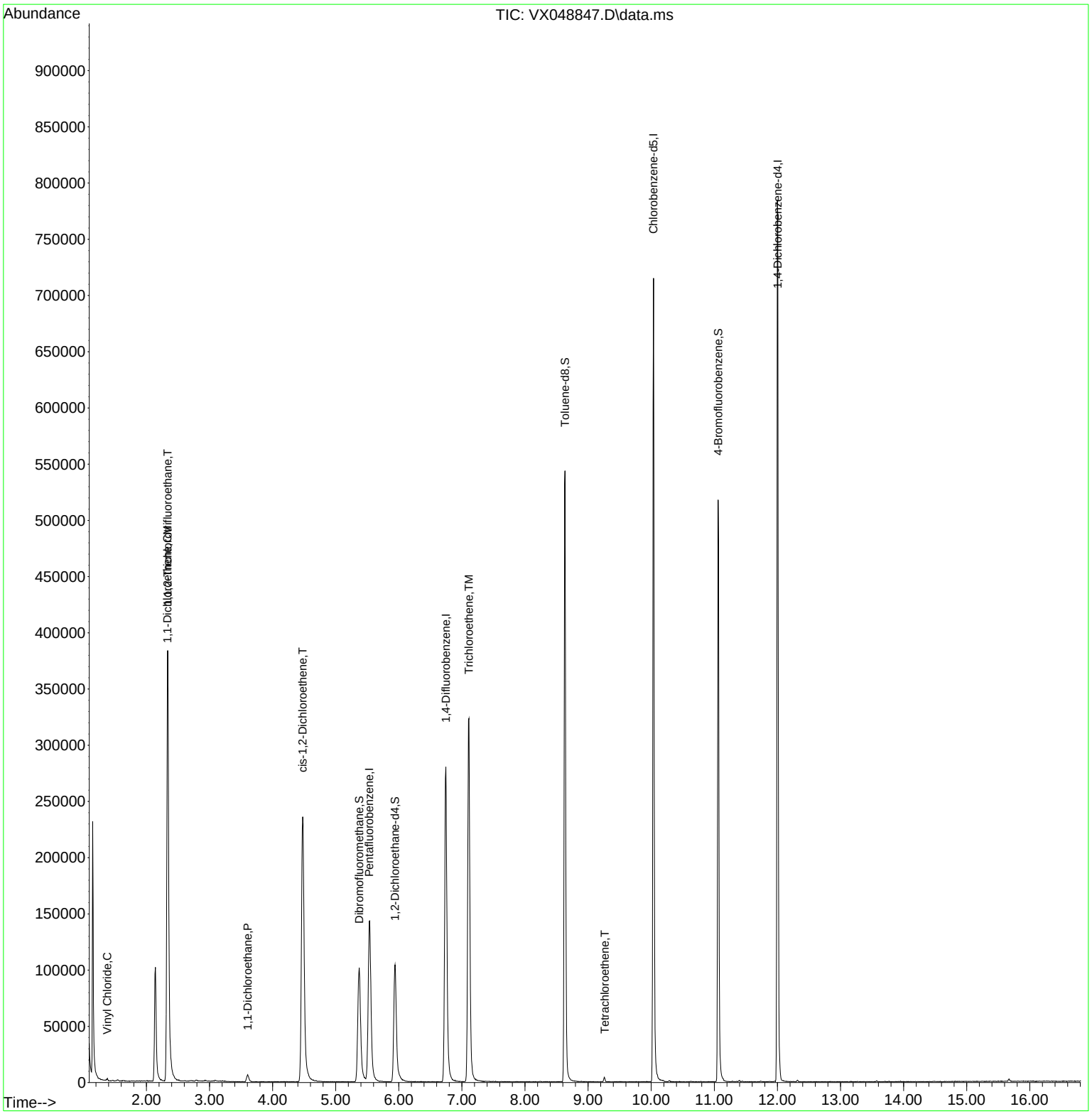
(#) = qualifier out of range (m) = manual integration (+) = signals summed

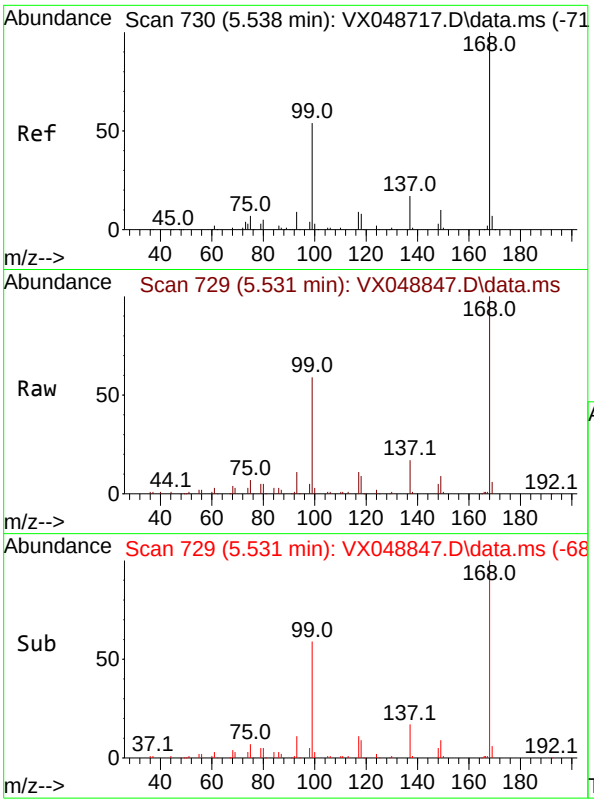
Sample Results: **VX048847.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121225\
Data File : VX048847.D
Acq On : 12 Dec 2025 12:26
Operator : JC/MD
Sample : Q3828-05DL 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RMW-03B-90-120925DL

Quant Time: Dec 12 22:11:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 03:27:34 2025
Response via : Initial Calibration



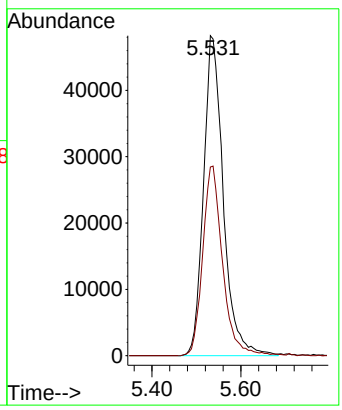


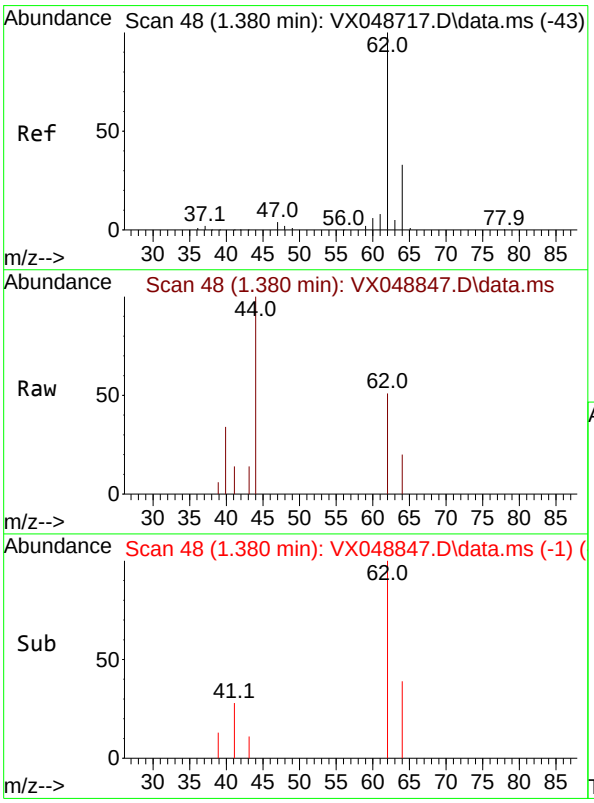
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.531 min Scan# 7
Delta R.T. -0.007 min
Lab File: VX048847.D
Acq: 12 Dec 2025 12:26

Instrument :
MSVOA_X
ClientSampleId :
RMW-03B-90-120925DL

Tgt Ion:168 Resp: 149273

Ion	Ratio	Lower	Upper
168	100		
99	59.0	44.2	66.4

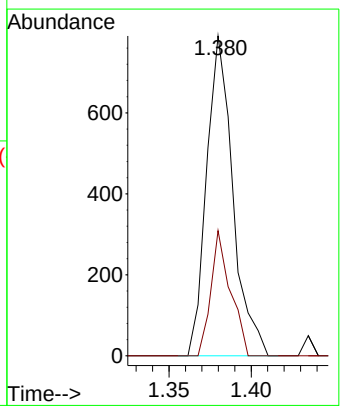


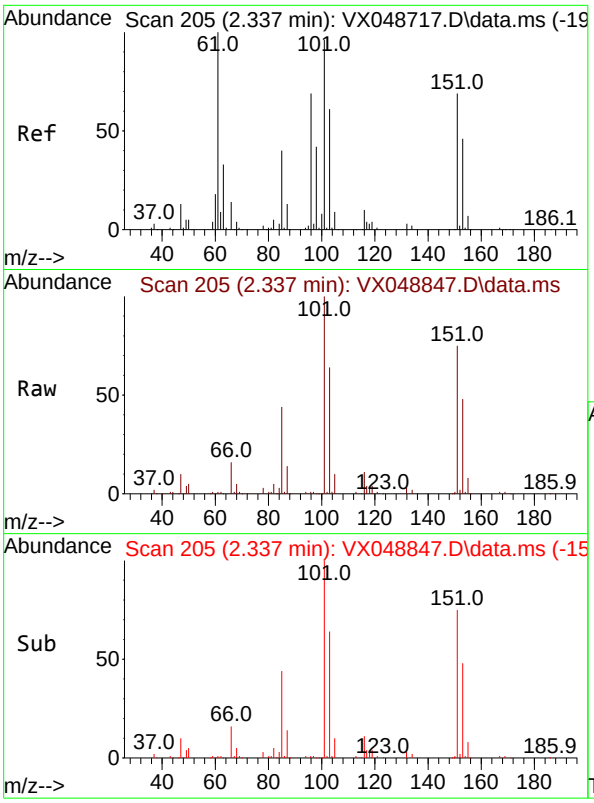


#4
Vinyl Chloride
Concen: 0.429 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048847.D
Acq: 12 Dec 2025 12:26

Tgt Ion: 62 Resp: 876

Ion	Ratio	Lower	Upper
62	100		
64	39.1	26.0	39.0#



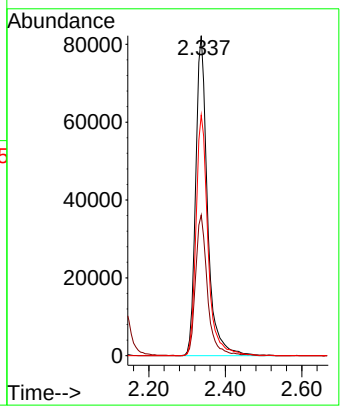


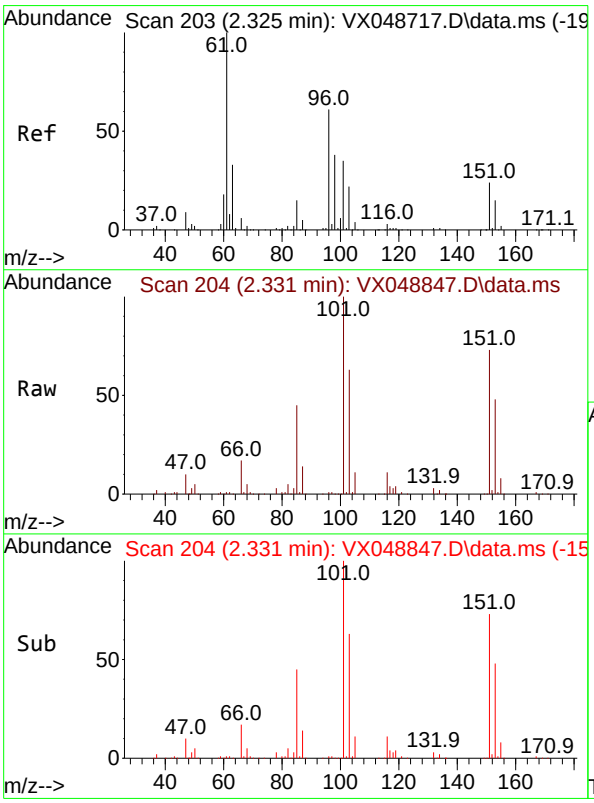
#9
1,1,2-Trichlorotrifluoroethane
Concen: 103.794 ug/l
RT: 2.337 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048847.D
Acq: 12 Dec 2025 12:26

Instrument :
MSVOA_X
ClientSampleId :
RMW-03B-90-120925DL

Tgt Ion:101 Resp: 176276

Ion	Ratio	Lower	Upper
101	100		
85	44.3	34.2	51.2
151	76.3	60.2	90.4

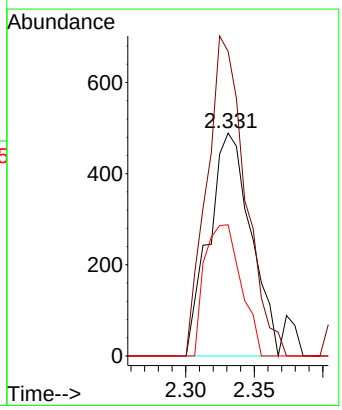


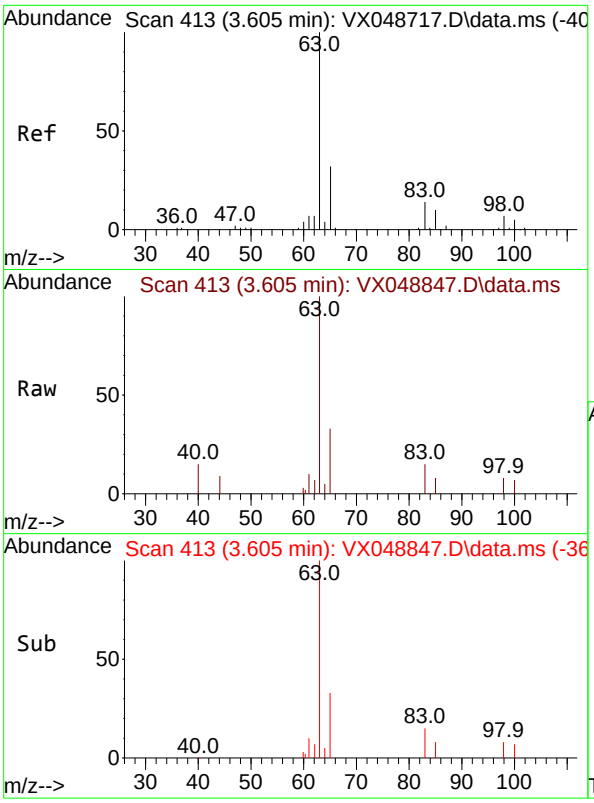


#12
1,1-Dichloroethene
Concen: 0.602 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX048847.D
Acq: 12 Dec 2025 12:26

Tgt Ion: 96 Resp: 1043

Ion	Ratio	Lower	Upper
96	100		
61	136.6	130.7	196.1
98	58.9	49.8	74.8



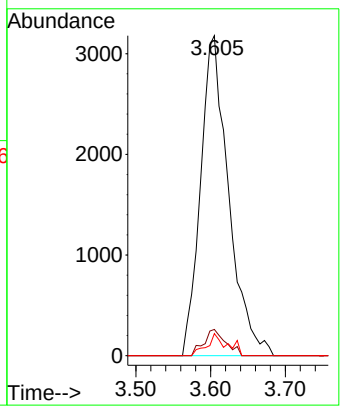


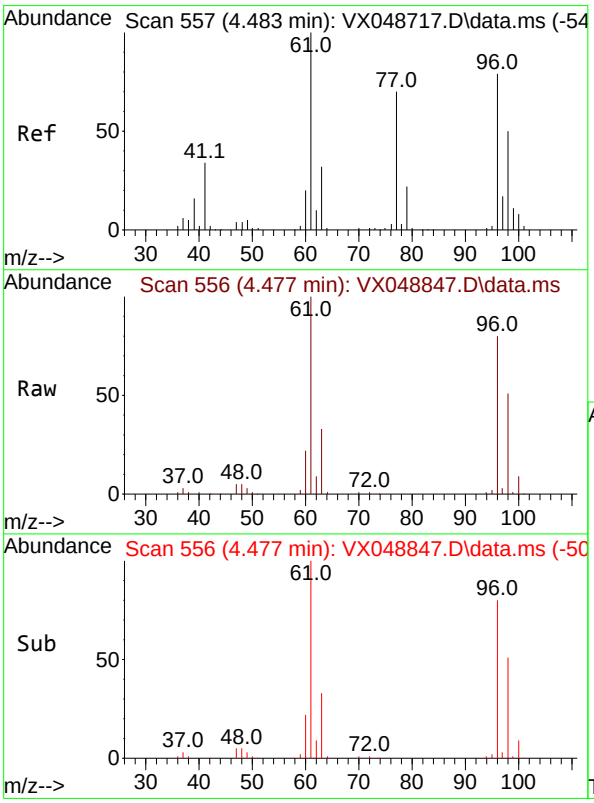
#24
1,1-Dichloroethane
Concen: 2.740 ug/l
RT: 3.605 min Scan# 41
Delta R.T. -0.000 min
Lab File: VX048847.D
Acq: 12 Dec 2025 12:26

Instrument :
MSVOA_X
ClientSampleId :
RMW-03B-90-120925DL

Tgt Ion: 63 Resp: 8309

Ion	Ratio	Lower	Upper
63	100		
98	8.2	3.5	10.6
100	6.9	2.5	7.4

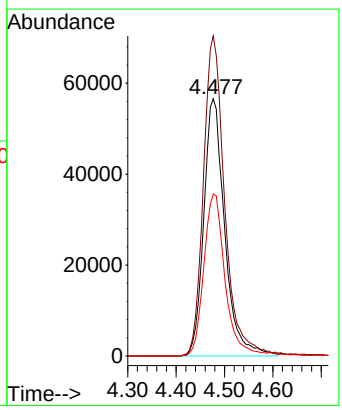


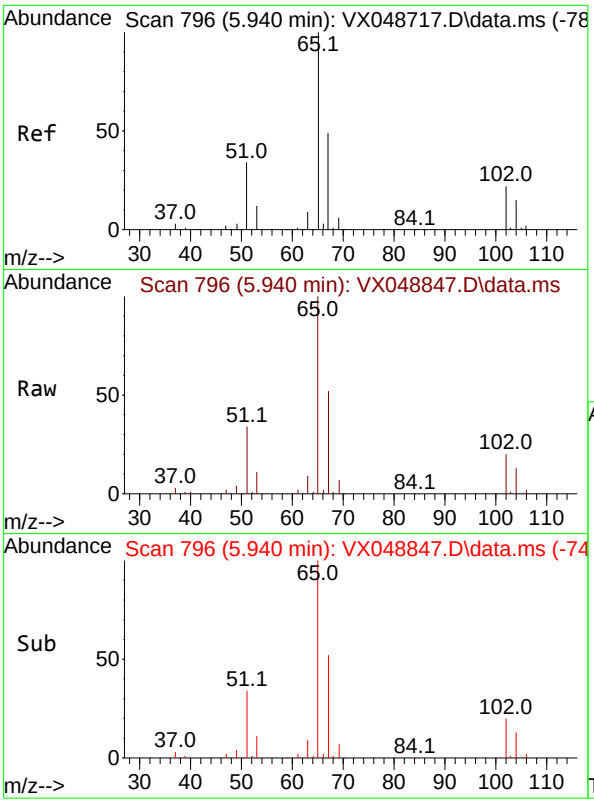


#27
cis-1,2-Dichloroethene
Concen: 85.352 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.006 min
Lab File: VX048847.D
Acq: 12 Dec 2025 12:26

Tgt Ion: 96 Resp: 170392

Ion	Ratio	Lower	Upper
96	100		
61	126.1	0.0	271.0
98	64.5	0.0	130.2



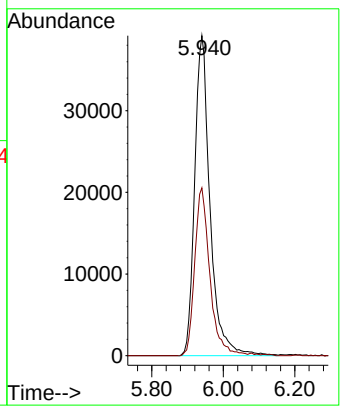


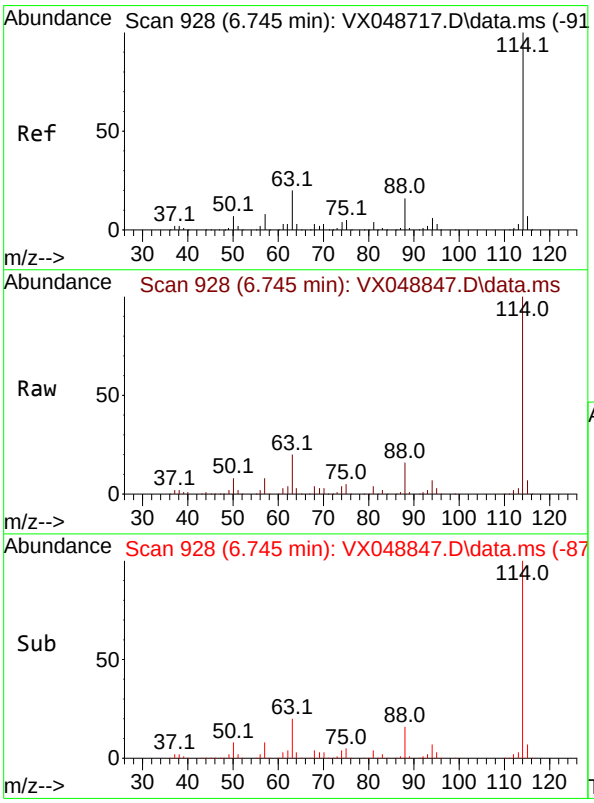
#33
1,2-Dichloroethane-d4
Concen: 58.176 ug/l
RT: 5.940 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048847.D
Acq: 12 Dec 2025 12:26

Instrument :
MSVOA_X
ClientSampleId :
RMW-03B-90-120925DL

Tgt Ion: 65 Resp: 116556

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	107.4

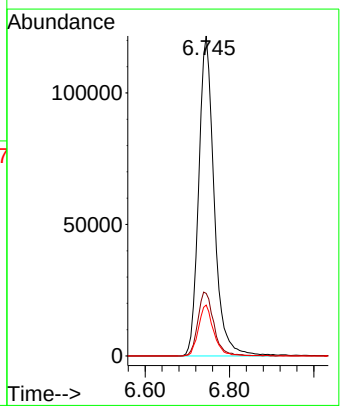


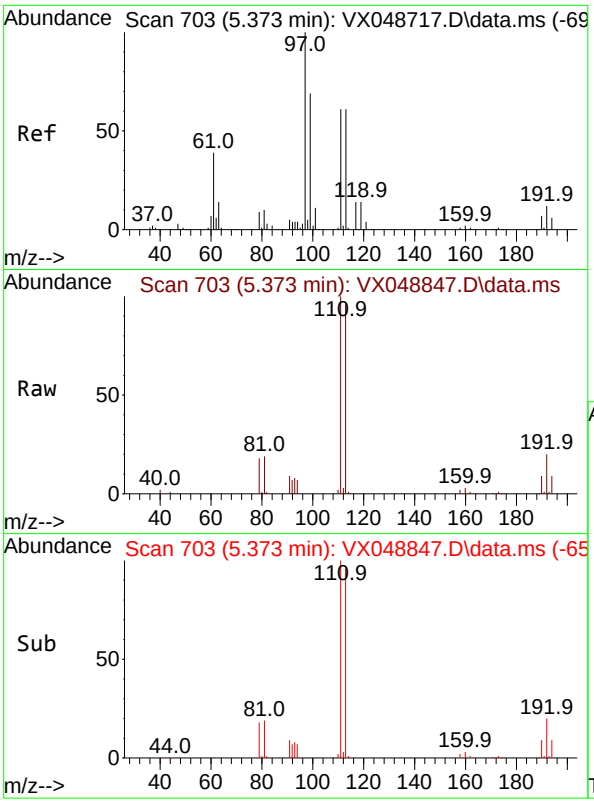


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. -0.000 min
Lab File: VX048847.D
Acq: 12 Dec 2025 12:26

Tgt Ion:114 Resp: 310587

Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	39.0
88	15.9	0.0	31.8



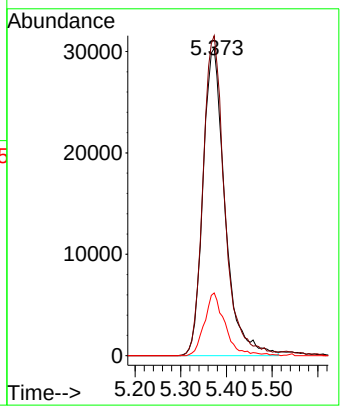


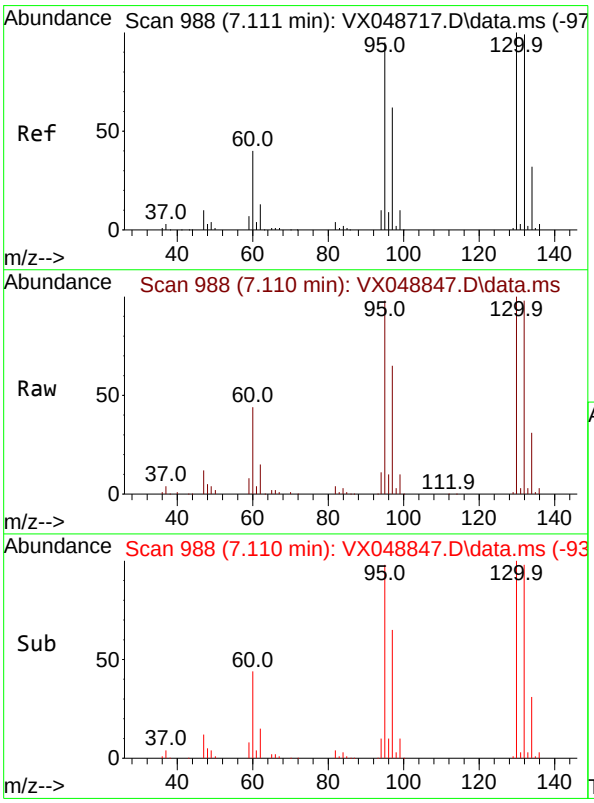
#35
Dibromofluoromethane
Concen: 47.464 ug/l
RT: 5.373 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048847.D
Acq: 12 Dec 2025 12:26

Instrument :
MSVOA_X
ClientSampleId :
RMW-03B-90-120925DL

Tgt Ion:113 Resp: 101503

Ion	Ratio	Lower	Upper
113	100		
111	102.3	79.5	119.3
192	19.3	16.1	24.1

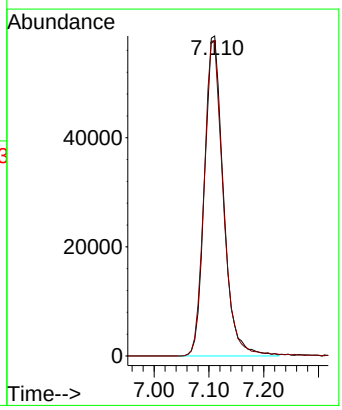


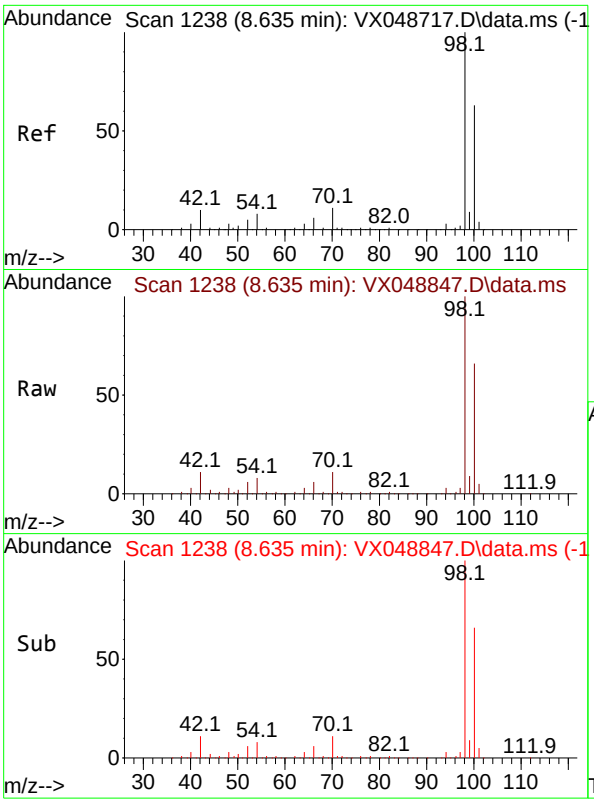


#44
Trichloroethene
Concen: 61.742 ug/l
RT: 7.110 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX048847.D
Acq: 12 Dec 2025 12:26

Tgt Ion:130 Resp: 139882

Ion	Ratio	Lower	Upper
130	100		
95	98.4	0.0	189.6



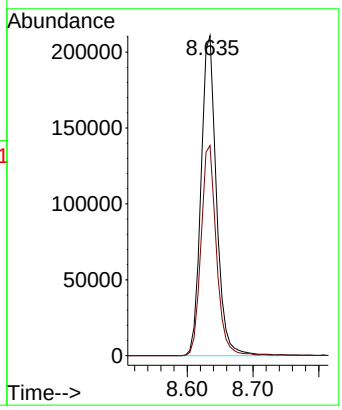


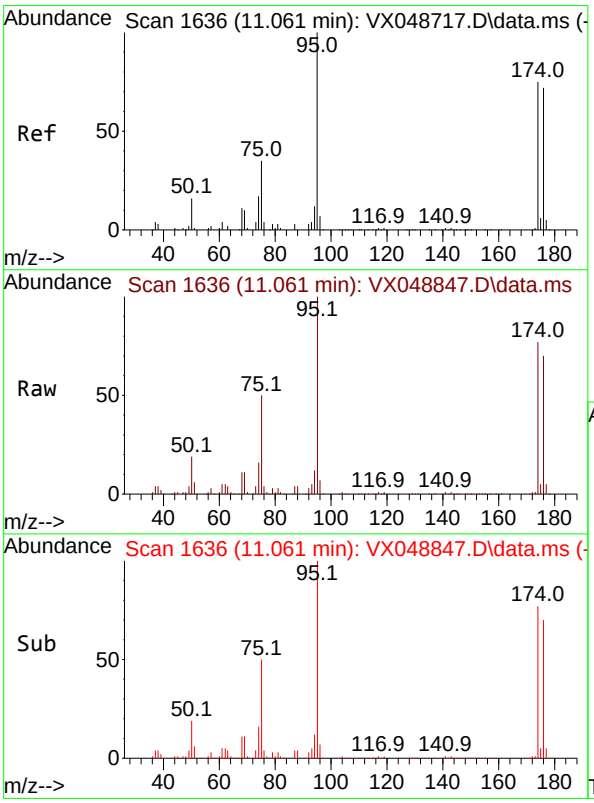
#50
Toluene-d8
Concen: 45.925 ug/l
RT: 8.635 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048847.D
Acq: 12 Dec 2025 12:26

Instrument :
MSVOA_X
ClientSampleId :
RMW-03B-90-120925DL

Tgt Ion: 98 Resp: 344261

Ion	Ratio	Lower	Upper
98	100		
100	65.7	53.4	80.0

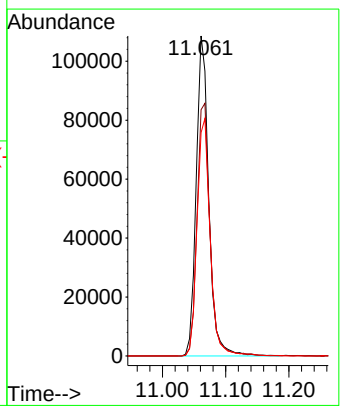


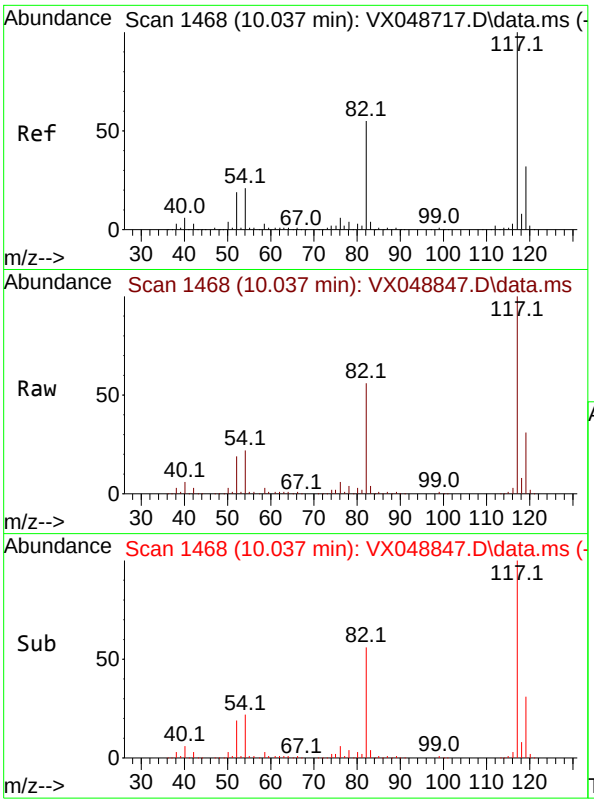


#62
4-Bromofluorobenzene
Concen: 58.149 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048847.D
Acq: 12 Dec 2025 12:26

Tgt Ion: 95 Resp: 150309

Ion	Ratio	Lower	Upper
95	100		
174	81.4	0.0	157.8
176	77.6	0.0	154.0



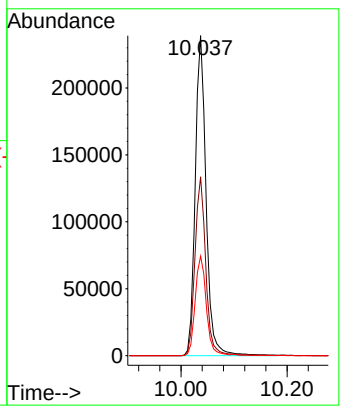


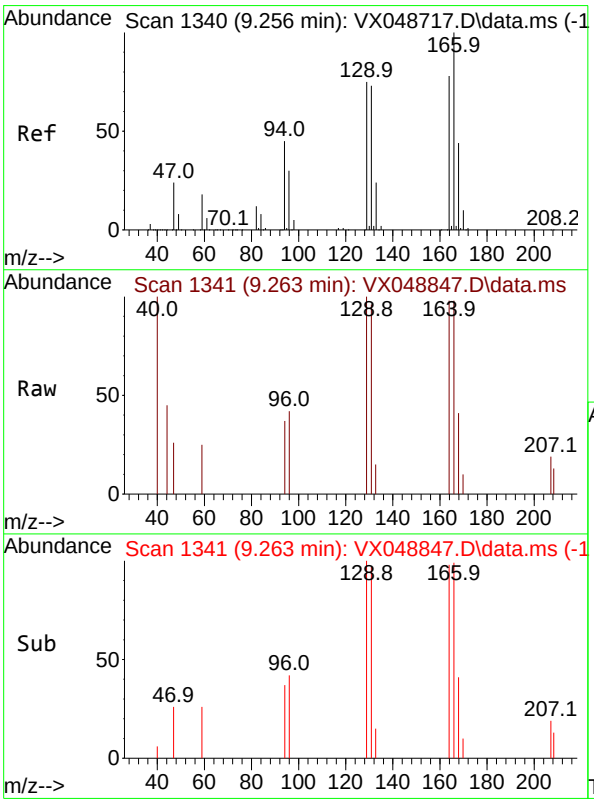
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048847.D
Acq: 12 Dec 2025 12:26

Instrument :
MSVOA_X
ClientSampleId :
RMW-03B-90-120925DL

Tgt Ion:117 Resp: 339410

Ion	Ratio	Lower	Upper
117	100		
82	55.9	44.1	66.1
119	31.1	25.2	37.8

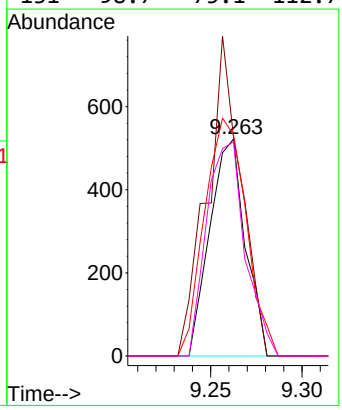


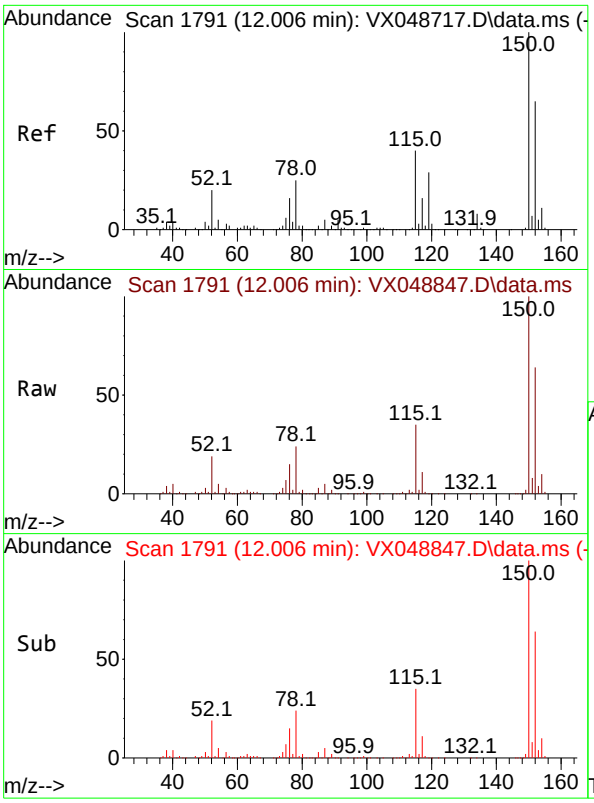


#64
Tetrachloroethene
Concen: 0.285 ug/l
RT: 9.263 min Scan# 1341
Delta R.T. 0.006 min
Lab File: VX048847.D
Acq: 12 Dec 2025 12:26

Tgt Ion:164 Resp: 705

Ion	Ratio	Lower	Upper
164	100		
166	100.6	103.1	154.7#
129	101.9	76.9	115.3
131	98.7	75.1	112.7



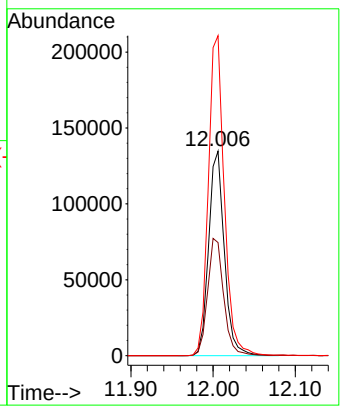


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048847.D
Acq: 12 Dec 2025 12:26

Instrument :
MSVOA_X
ClientSampleId :
RMW-03B-90-120925DL

Tgt Ion:152 Resp: 178609

Ion	Ratio	Lower	Upper
152	100		
115	58.7	42.1	126.4
150	159.0	0.0	347.8



Raw Data: **VX048852.D**

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

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	12/09/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	12/09/25
Client Sample ID:	OWBR-03-138-120925	SDG No.:	Q3828
Lab Sample ID:	Q3828-06	Matrix:	Water
Analytical Method:	8260D Level: LOW	% Solid:	0
Sample Wt/Vol:	5 mL Final Vol: 5000 uL	Test:	VOCMS Group3

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-01-4	Vinyl Chloride	0.26	U	1	0.26	1.00	ug/L	12/12/25 14:15	VX121225
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	12/12/25 14:15	VX121225
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	12/12/25 14:15	VX121225
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	12/12/25 14:15	VX121225
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	12/12/25 14:15	VX121225
71-43-2	Benzene	0.67	J	1	0.15	1.00	ug/L	12/12/25 14:15	VX121225
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	12/12/25 14:15	VX121225
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	12/12/25 14:15	VX121225
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	12/12/25 14:15	VX121225
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	12/12/25 14:15	VX121225
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	61.1			70 (74) - 130 (125)	122%	SPK: 50		
1868-53-7	Dibromofluoromethane	49.7			70 (75) - 130 (124)	99%	SPK: 50		
2037-26-5	Toluene-d8	48.2			70 (86) - 130 (113)	96%	SPK: 50		
460-00-4	4-Bromofluorobenzene	59.8			70 (77) - 130 (121)	120%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	128000							
540-36-3	1,4-Difluorobenzene	269000							
3114-55-4	Chlorobenzene-d5	296000							
3855-82-1	1,4-Dichlorobenzene-d4	155000							

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\VX121225\
Data File : VX048852.D
Acq On : 12 Dec 2025 14:15
Operator : JC/MD
Sample : Q3828-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
OWBR-03-138-120925

Quant Time: Dec 12 22:13:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 03:27:34 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.538	168	127740	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	268556	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	295742	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	154634	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	104792	61.121	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 122.240%#			
35) Dibromofluoromethane	5.367	113	91905	49.702	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.400%			
50) Toluene-d8	8.635	98	312183	48.164	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.320%			
62) 4-Bromofluorobenzene	11.061	95	133658	59.800	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 119.600%			
Target Compounds						Qvalue
40) Benzene	6.025	78	5023	0.669	ug/l	91

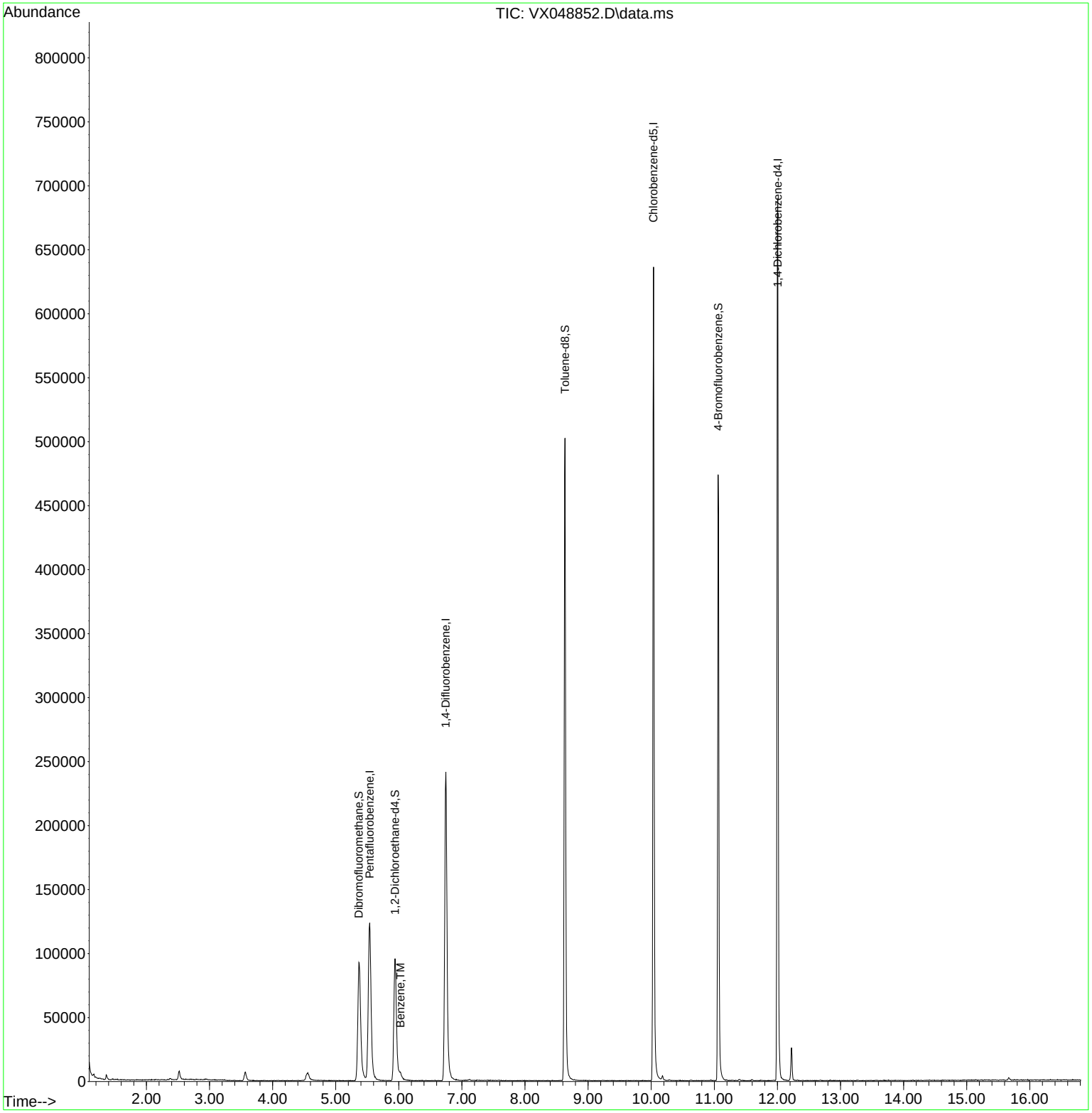
(#) = qualifier out of range (m) = manual integration (+) = signals summed

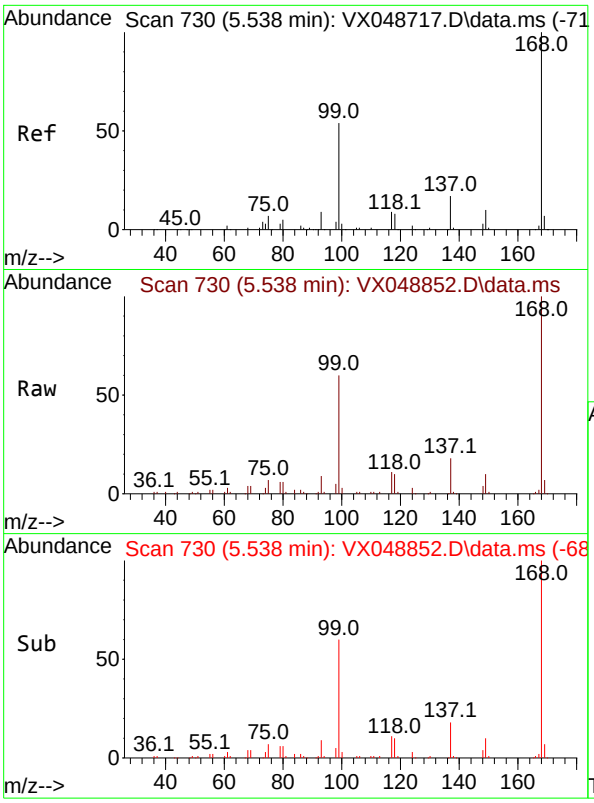
Sample Results: **VX048852.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121225\
Data File : VX048852.D
Acq On : 12 Dec 2025 14:15
Operator : JC/MD
Sample : Q3828-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
OWBR-03-138-120925

Quant Time: Dec 12 22:13:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 03:27:34 2025
Response via : Initial Calibration



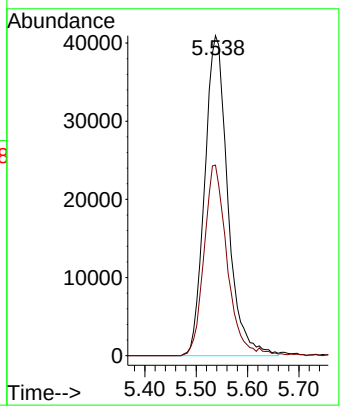


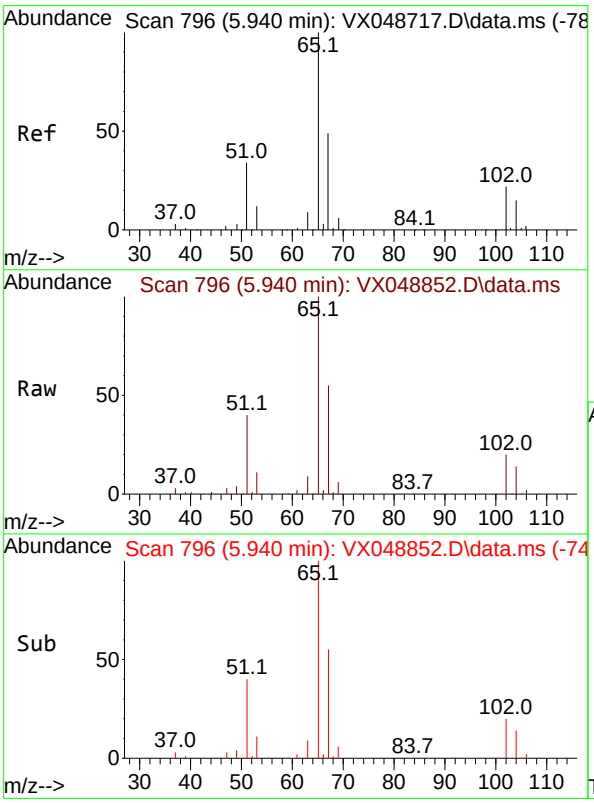
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048852.D
Acq: 12 Dec 2025 14:15

Instrument :
MSVOA_X
ClientSampleId :
OWBR-03-138-120925

Tgt Ion:168 Resp: 127740

Ion	Ratio	Lower	Upper
168	100		
99	59.5	44.2	66.4

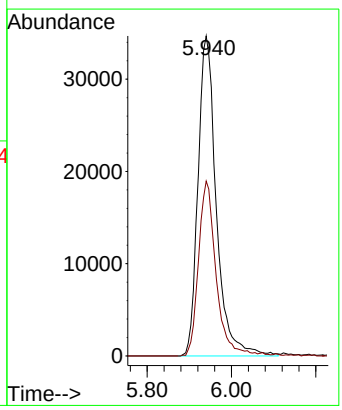


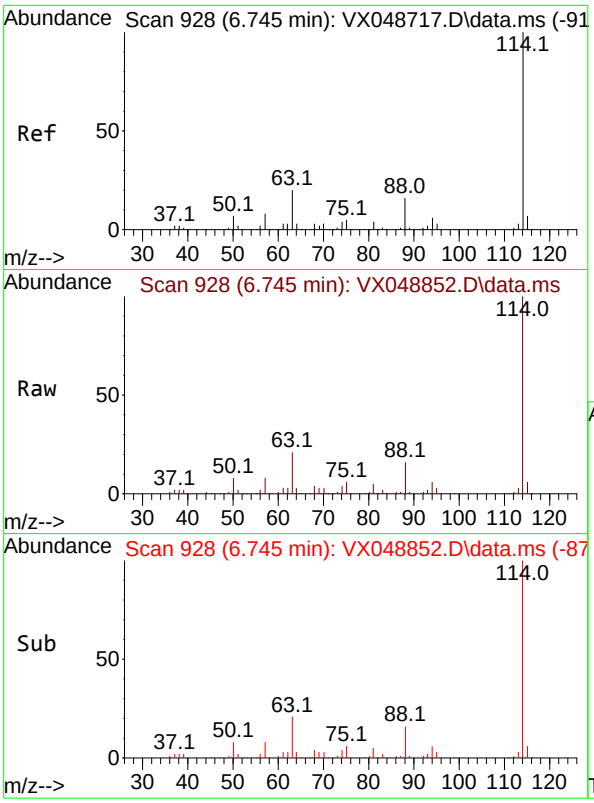


#33
1,2-Dichloroethane-d4
Concen: 61.121 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048852.D
Acq: 12 Dec 2025 14:15

Tgt Ion: 65 Resp: 104792

Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	107.4



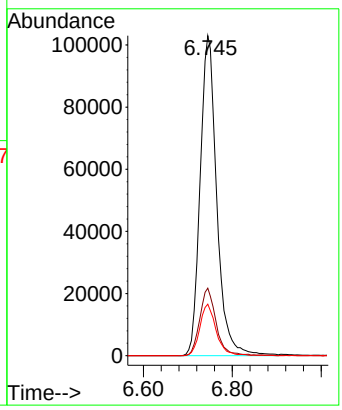


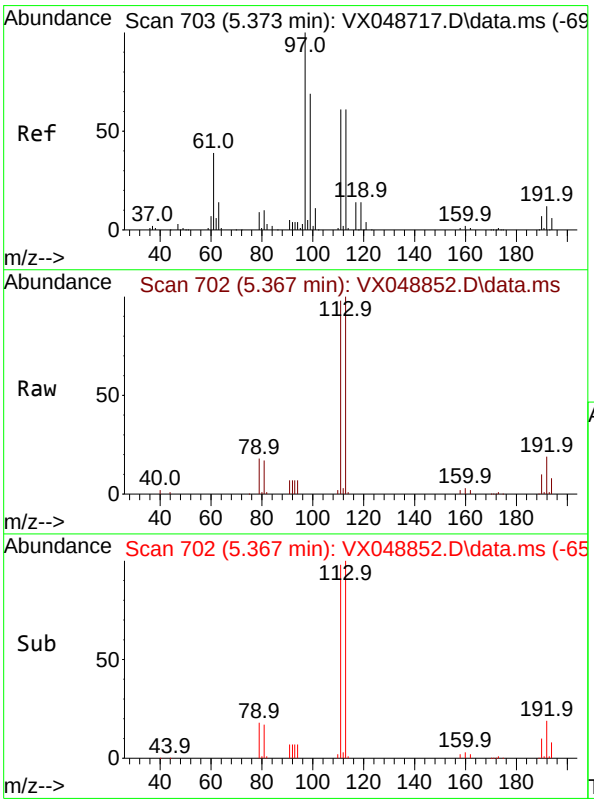
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX048852.D
Acq: 12 Dec 2025 14:15

Instrument :
MSVOA_X
ClientSampleId :
OWBR-03-138-120925

Tgt Ion:114 Resp: 268556

Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	39.0
88	16.1	0.0	31.8

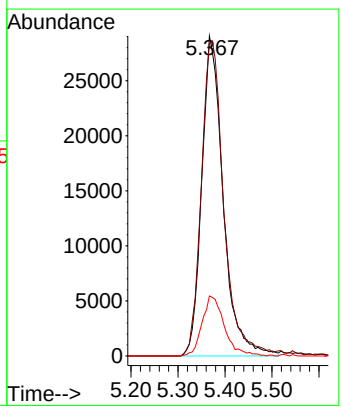


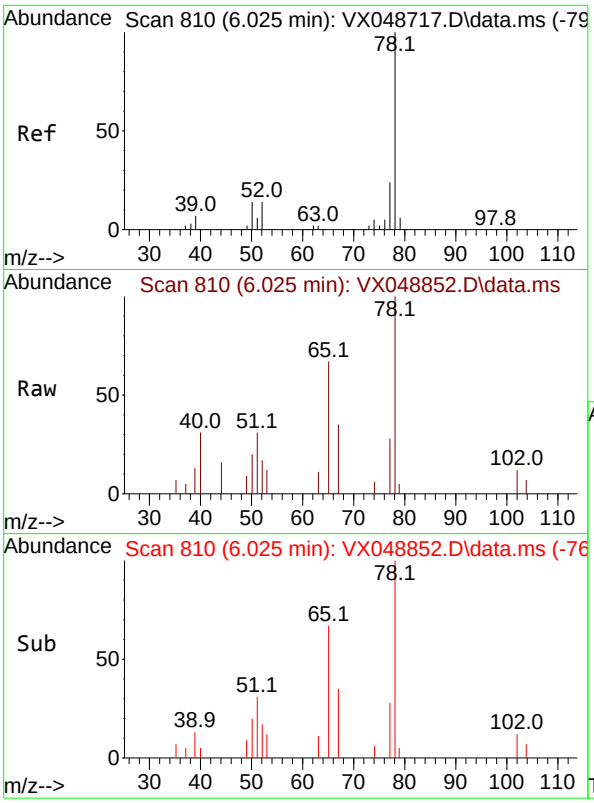


#35
Dibromofluoromethane
Concen: 49.702 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048852.D
Acq: 12 Dec 2025 14:15

Tgt Ion:113 Resp: 91905

Ion	Ratio	Lower	Upper
113	100		
111	103.0	79.5	119.3
192	19.4	16.1	24.1



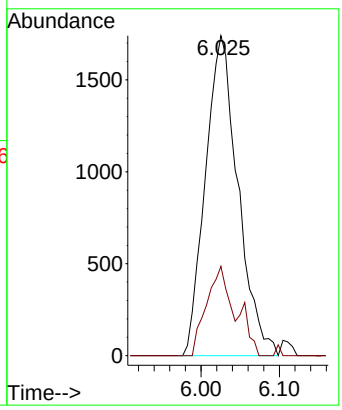


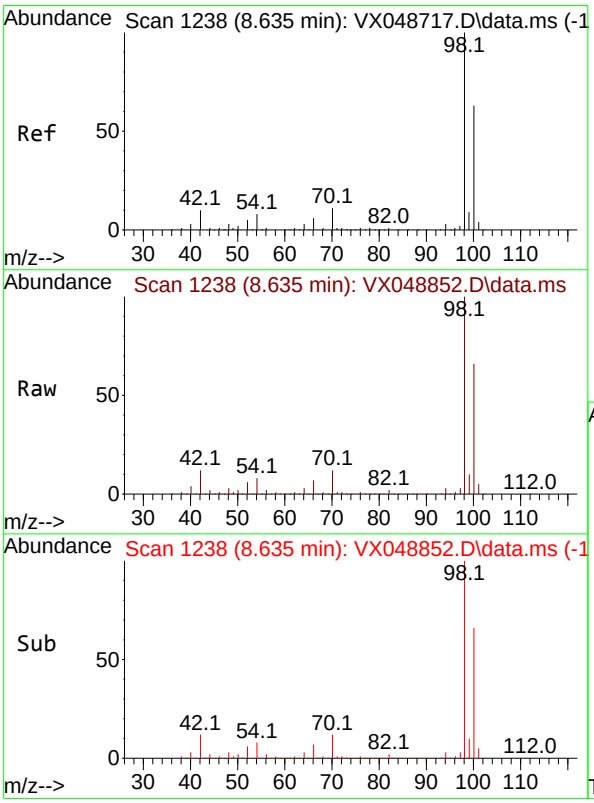
#40
Benzene
Concen: 0.669 ug/l
RT: 6.025 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX048852.D
Acq: 12 Dec 2025 14:15

Instrument :
MSVOA_X
ClientSampleId :
OWBR-03-138-120925

Tgt Ion: 78 Resp: 5023

Ion	Ratio	Lower	Upper
78	100		
77	27.9	18.8	28.2

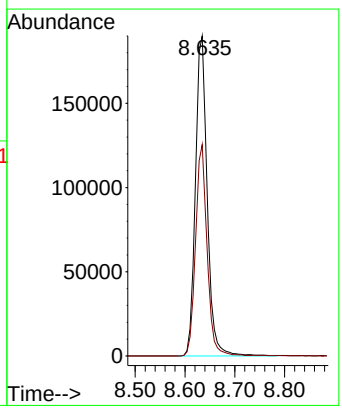


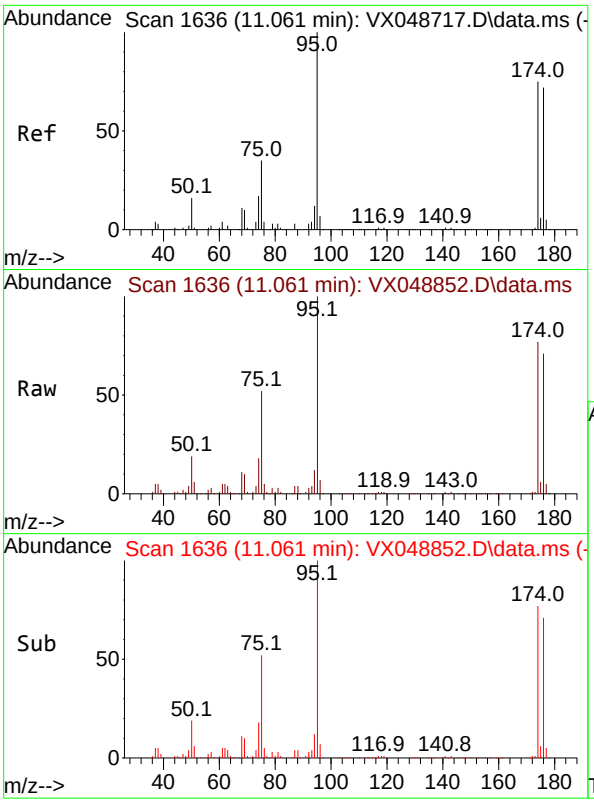


#50
Toluene-d8
Concen: 48.164 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048852.D
Acq: 12 Dec 2025 14:15

Tgt Ion: 98 Resp: 312183

Ion	Ratio	Lower	Upper
98	100		
100	64.6	53.4	80.0



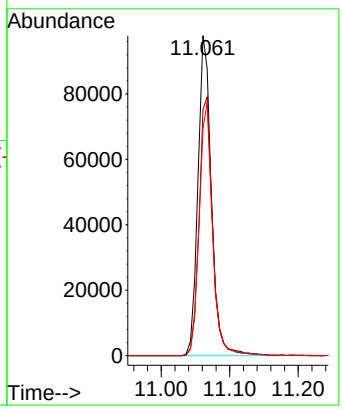


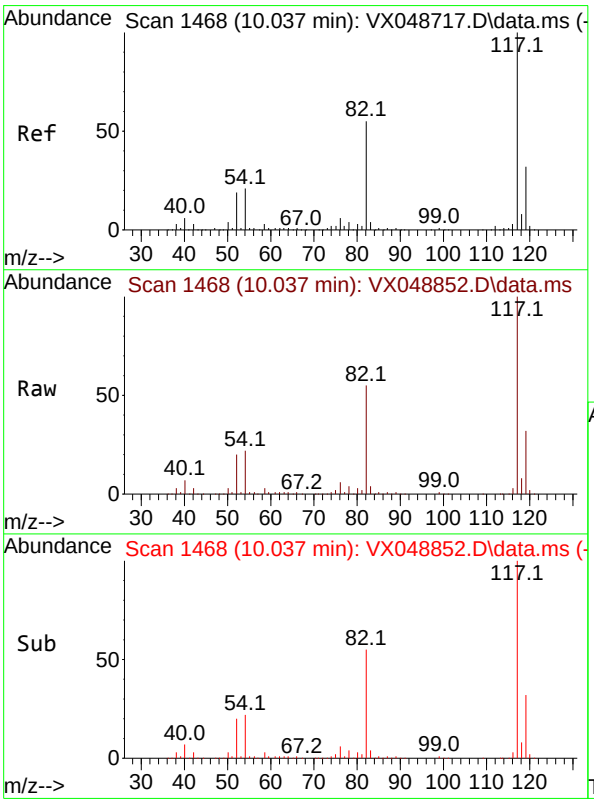
#62
4-Bromofluorobenzene
Concen: 59.800 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048852.D
Acq: 12 Dec 2025 14:15

Instrument :
MSVOA_X
ClientSampleId :
OWBR-03-138-120925

Tgt Ion: 95 Resp: 133658

Ion	Ratio	Lower	Upper
95	100		
174	82.1	0.0	157.8
176	78.2	0.0	154.0

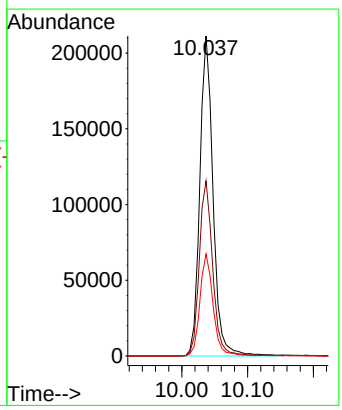


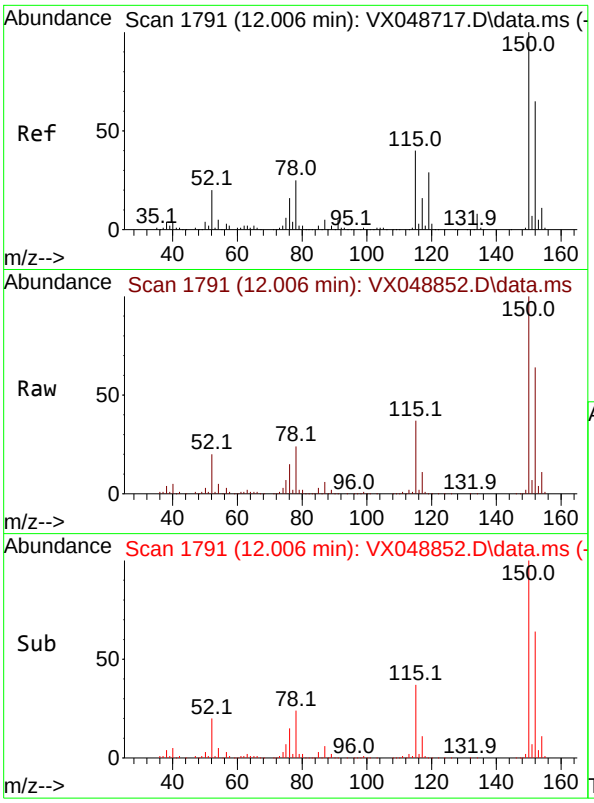


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048852.D
Acq: 12 Dec 2025 14:15

Tgt Ion:117 Resp: 295742

Ion	Ratio	Lower	Upper
117	100		
82	54.7	44.1	66.1
119	31.9	25.2	37.8



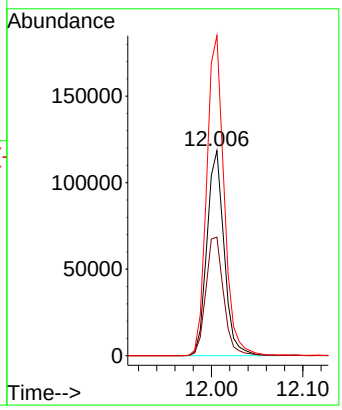


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048852.D
Acq: 12 Dec 2025 14:15

Instrument :
MSVOA_X
ClientSampleId :
OWBR-03-138-120925

Tgt Ion:152 Resp: 154634

Ion	Ratio	Lower	Upper
152	100		
115	60.1	42.1	126.4
150	157.9	0.0	347.8



Raw Data: **VX048827.D**

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

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	12/09/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	12/09/25
Client Sample ID:	FB01-120925	SDG No.:	Q3828
Lab Sample ID:	Q3828-08	Matrix:	Water
Analytical Method:	8260D Level: LOW	% Solid:	0
Sample Wt/Vol:	5 mL Final Vol: 5000 uL	Test:	VOCMS Group3

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-01-4	Vinyl Chloride	0.26	U	1	0.26	1.00	ug/L	12/11/25 15:37	VX121125
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	12/11/25 15:37	VX121125
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	12/11/25 15:37	VX121125
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	12/11/25 15:37	VX121125
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	12/11/25 15:37	VX121125
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	12/11/25 15:37	VX121125
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	12/11/25 15:37	VX121125
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	12/11/25 15:37	VX121125
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	12/11/25 15:37	VX121125
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	12/11/25 15:37	VX121125
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	52.5			70 (74) - 130 (125)	105%	SPK: 50		
1868-53-7	Dibromofluoromethane	49.4			70 (75) - 130 (124)	99%	SPK: 50		
2037-26-5	Toluene-d8	49.7			70 (86) - 130 (113)	99%	SPK: 50		
460-00-4	4-Bromofluorobenzene	46.0			70 (77) - 130 (121)	92%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	218000							
540-36-3	1,4-Difluorobenzene	364000							
3114-55-4	Chlorobenzene-d5	324000							
3855-82-1	1,4-Dichlorobenzene-d4	141000							

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\VX121125\
Data File : VX048827.D
Acq On : 11 Dec 2025 15:37
Operator : JC/MD
Sample : Q3828-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FB01-120925

Quant Time: Dec 11 23:52:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 03:27:34 2025
Response via : Initial Calibration

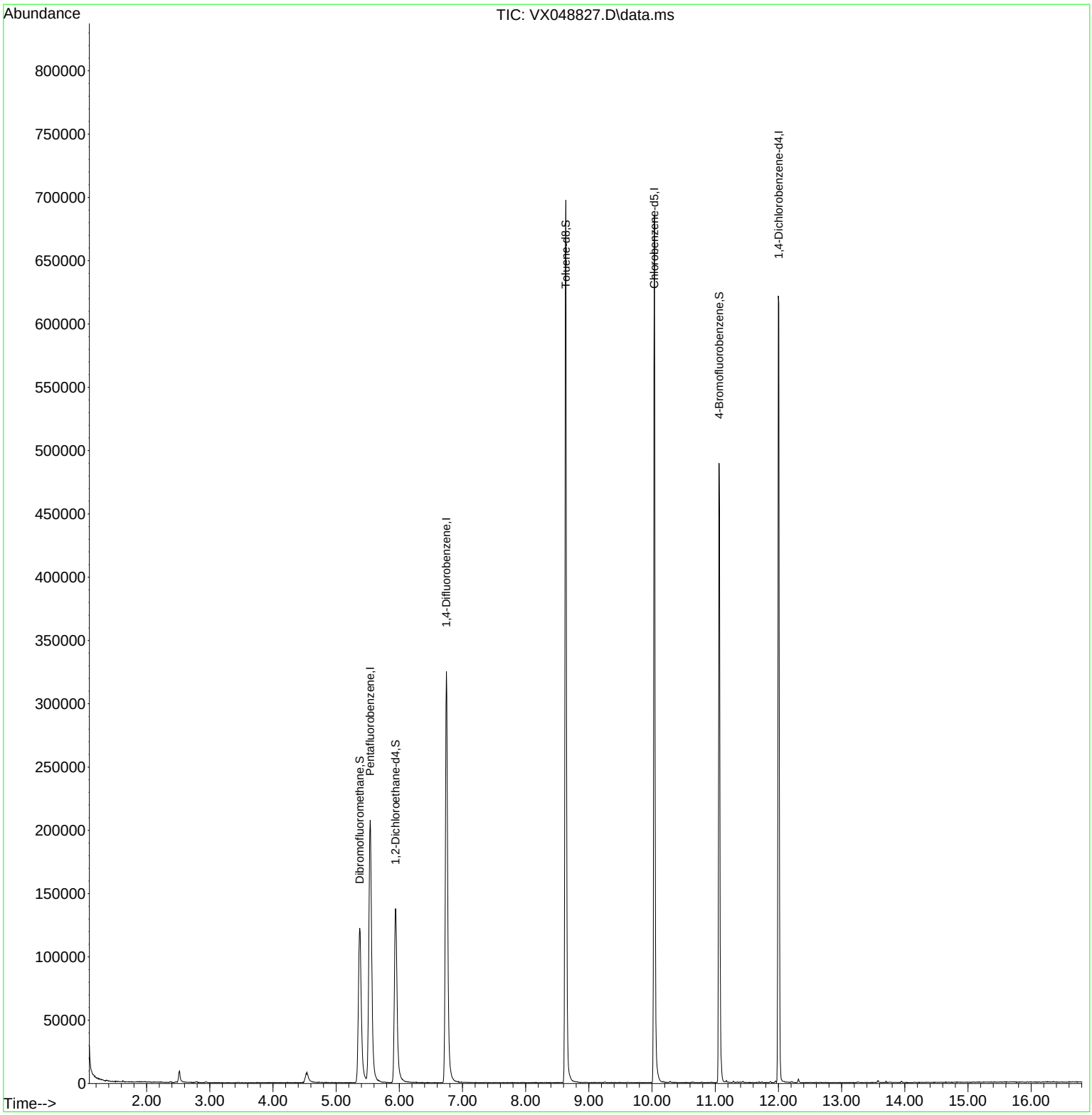
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.538	168	217735	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	364455	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	324371	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	140783	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	153417	52.497	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.000%			
35) Dibromofluoromethane	5.373	113	124004	49.416	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.840%			
50) Toluene-d8	8.635	98	436858	49.664	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.320%			
62) 4-Bromofluorobenzene	11.061	95	139501	45.991	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 91.980%			
Target Compounds						Qvalue

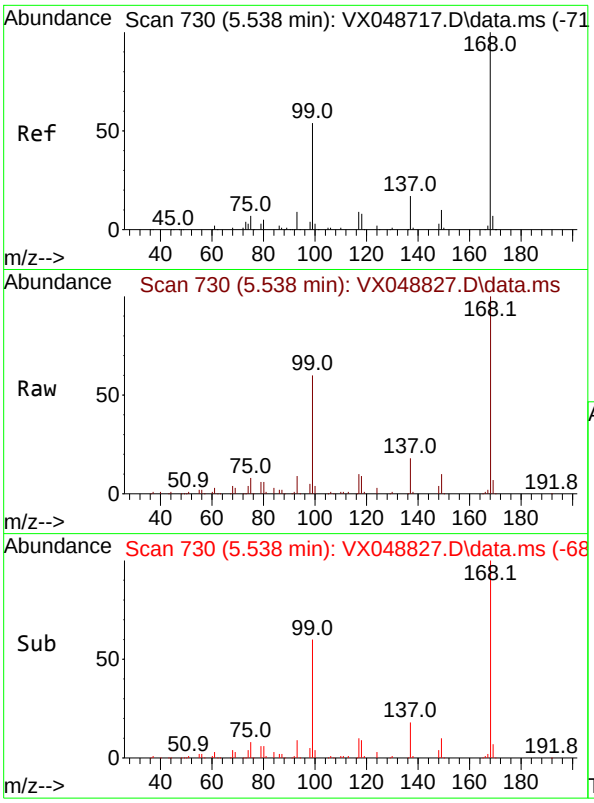
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121125\
Data File : VX048827.D
Acq On : 11 Dec 2025 15:37
Operator : JC/MD
Sample : Q3828-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FB01-120925

Quant Time: Dec 11 23:52:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 03:27:34 2025
Response via : Initial Calibration



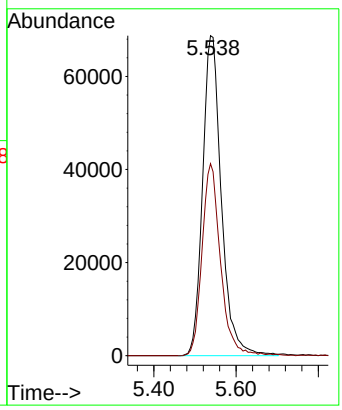


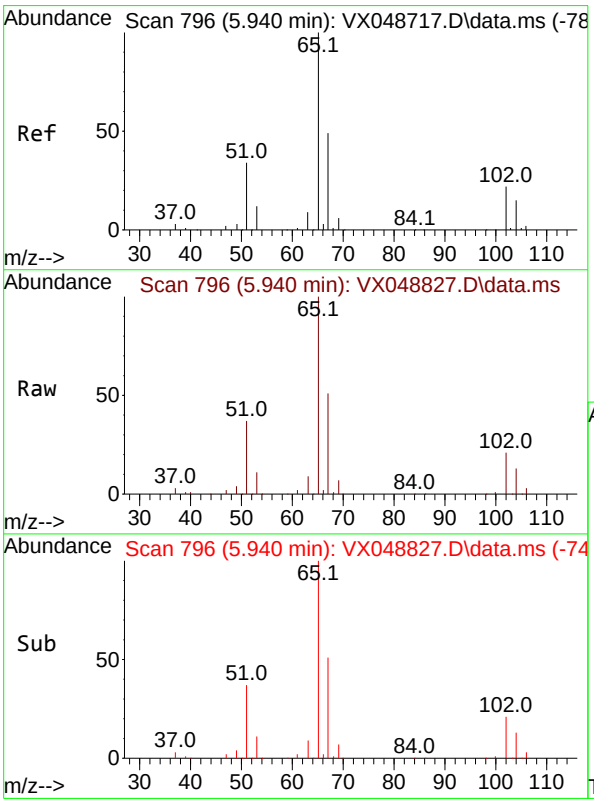
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048827.D
Acq: 11 Dec 2025 15:37

Instrument :
MSVOA_X
ClientSampleId :
FB01-120925

Tgt Ion:168 Resp: 217735

Ion	Ratio	Lower	Upper
168	100		
99	60.0	44.2	66.4

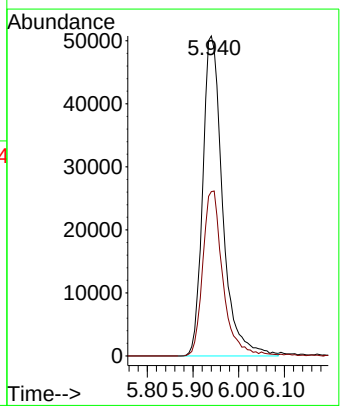


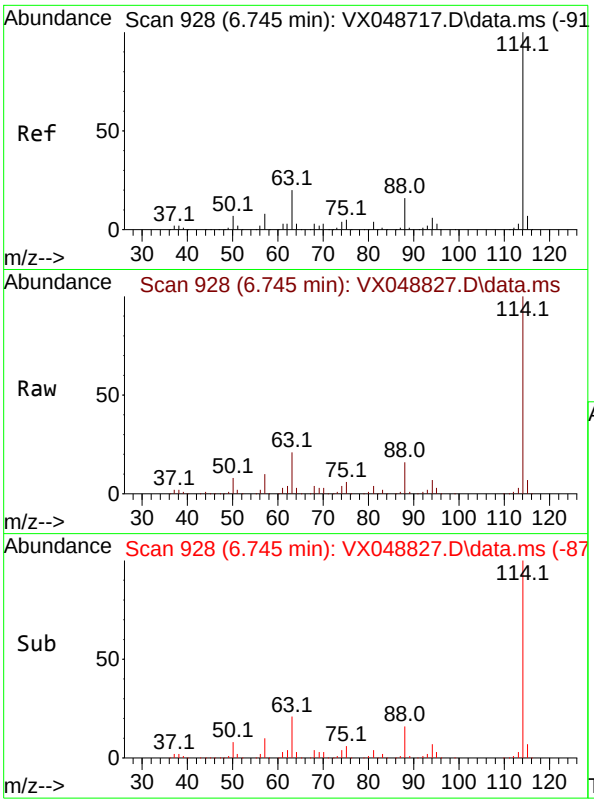


#33
1,2-Dichloroethane-d4
Concen: 52.497 ug/l
RT: 5.940 min Scan# 796
Delta R.T. 0.000 min
Lab File: VX048827.D
Acq: 11 Dec 2025 15:37

Tgt Ion: 65 Resp: 153417

Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	107.4



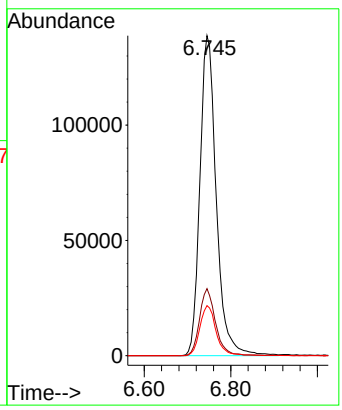


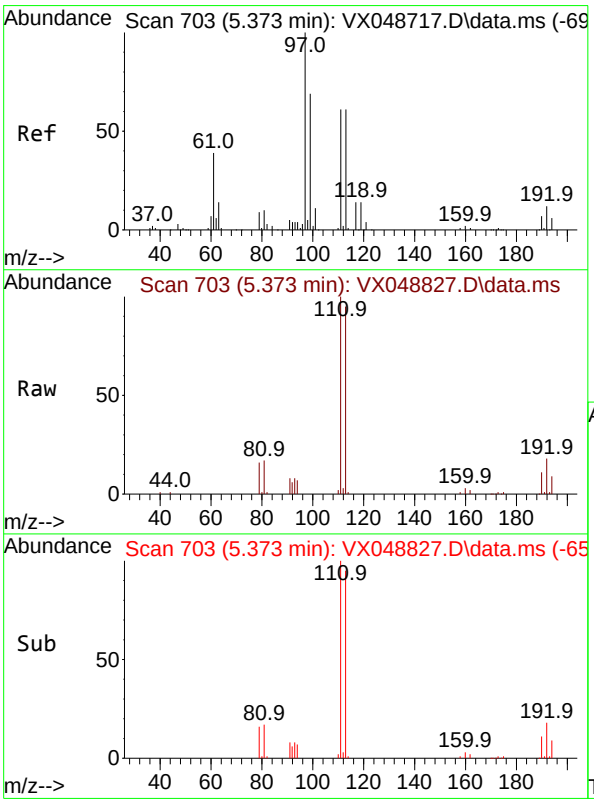
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX048827.D
Acq: 11 Dec 2025 15:37

Instrument :
MSVOA_X
ClientSampleId :
FB01-120925

Tgt Ion:114 Resp: 364455

Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	39.0
88	15.7	0.0	31.8

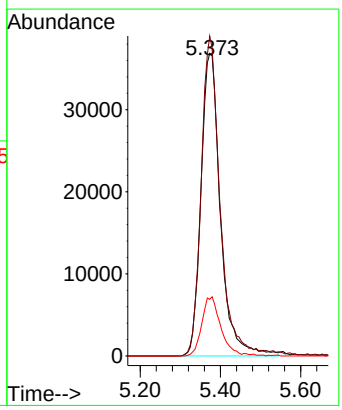


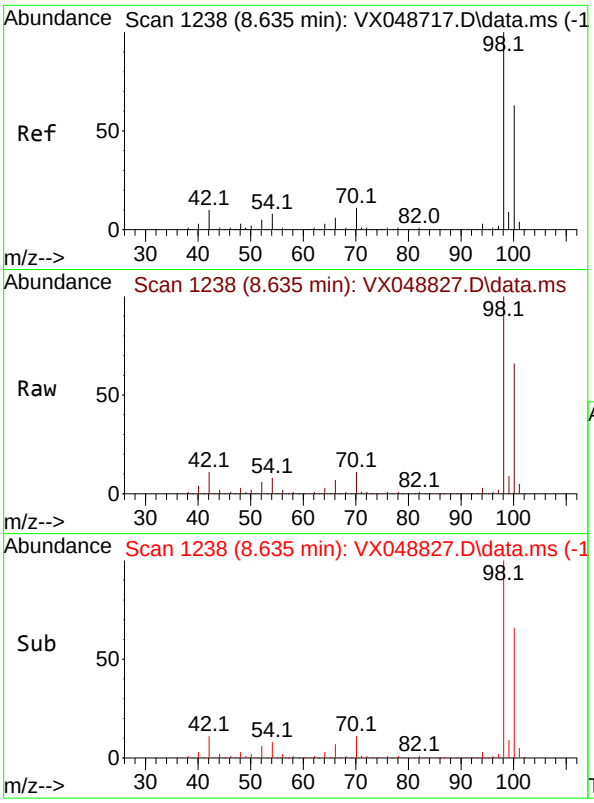


#35
Dibromofluoromethane
Concen: 49.416 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX048827.D
Acq: 11 Dec 2025 15:37

Tgt Ion:113 Resp: 124004

Ion	Ratio	Lower	Upper
113	100		
111	103.6	79.5	119.3
192	18.8	16.1	24.1



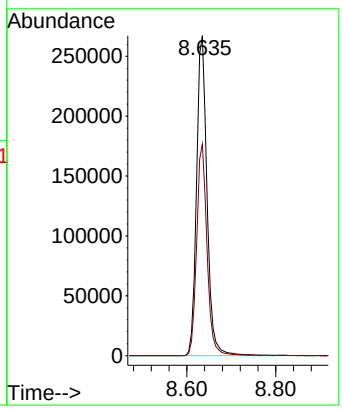


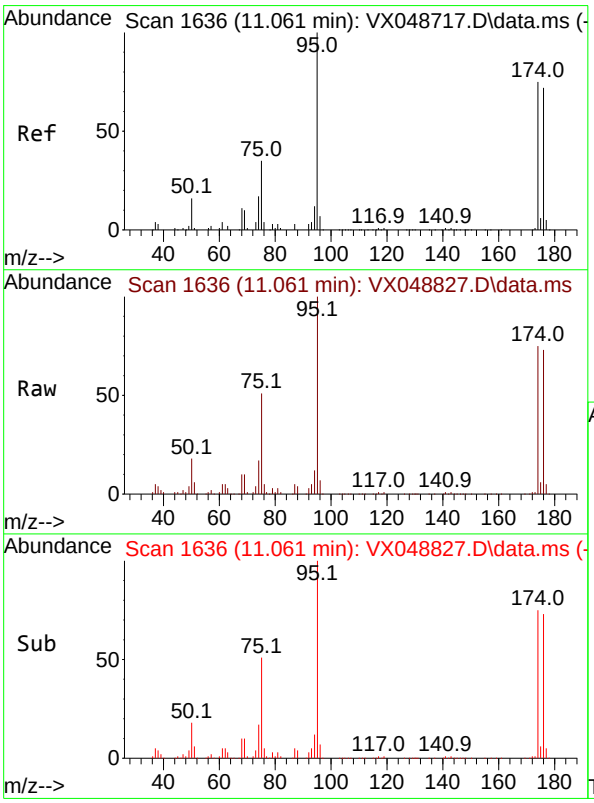
#50
Toluene-d8
Concen: 49.664 ug/l
RT: 8.635 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048827.D
Acq: 11 Dec 2025 15:37

Instrument :
MSVOA_X
ClientSampleId :
FB01-120925

Tgt Ion: 98 Resp: 436858

Ion	Ratio	Lower	Upper
98	100		
100	65.5	53.4	80.0

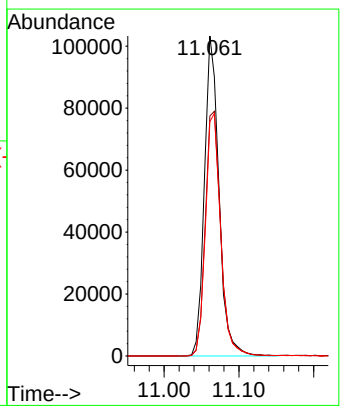


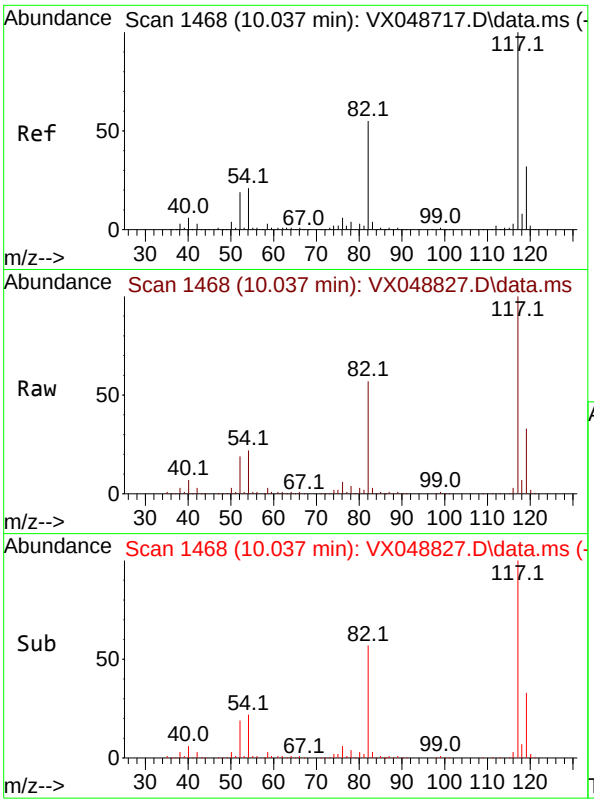


#62
4-Bromofluorobenzene
Concen: 45.991 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048827.D
Acq: 11 Dec 2025 15:37

Tgt Ion: 95 Resp: 139501

Ion	Ratio	Lower	Upper
95	100		
174	81.1	0.0	157.8
176	79.2	0.0	154.0



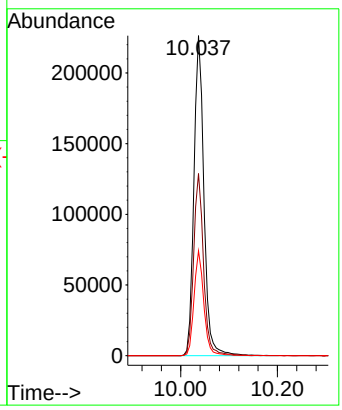


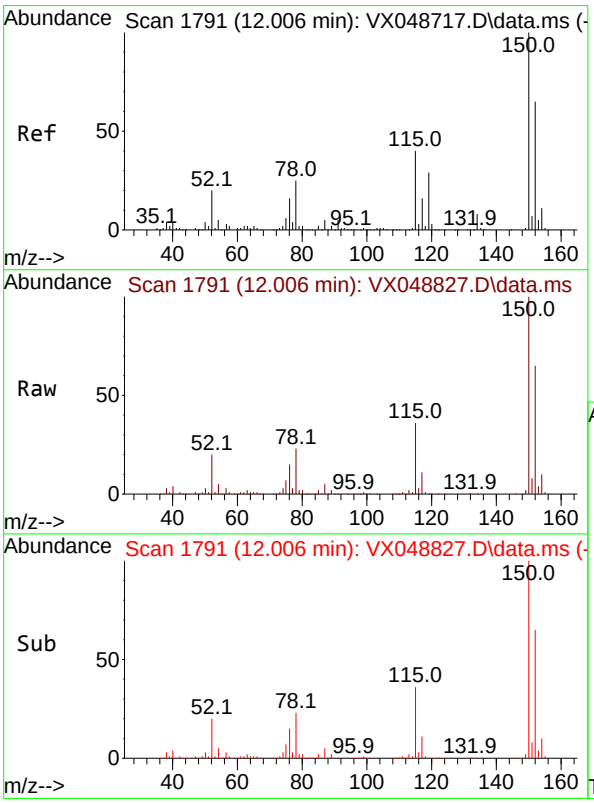
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048827.D
Acq: 11 Dec 2025 15:37

Instrument :
MSVOA_X
ClientSampleId :
FB01-120925

Tgt Ion:117 Resp: 324371

Ion	Ratio	Lower	Upper
117	100		
82	56.9	44.1	66.1
119	32.7	25.2	37.8

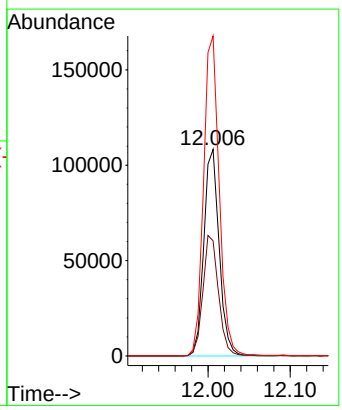




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX048827.D
Acq: 11 Dec 2025 15:37

Tgt Ion:152 Resp: 140783

Ion	Ratio	Lower	Upper
152	100		
115	59.2	42.1	126.4
150	157.7	0.0	347.8



Raw Data: **VX048828.D**

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

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	12/09/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	12/09/25
Client Sample ID:	TB01-120925	SDG No.:	Q3828
Lab Sample ID:	Q3828-09	Matrix:	Water
Analytical Method:	8260D Level: LOW	% Solid:	0
Sample Wt/Vol:	5 mL Final Vol: 5000 uL	Test:	VOCMS Group3

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-01-4	Vinyl Chloride	0.26	U	1	0.26	1.00	ug/L	12/11/25 15:58	VX121125
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	12/11/25 15:58	VX121125
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	12/11/25 15:58	VX121125
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	12/11/25 15:58	VX121125
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	12/11/25 15:58	VX121125
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	12/11/25 15:58	VX121125
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	12/11/25 15:58	VX121125
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	12/11/25 15:58	VX121125
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	12/11/25 15:58	VX121125
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	12/11/25 15:58	VX121125
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	52.3			70 (74) - 130 (125)	105%	SPK: 50		
1868-53-7	Dibromofluoromethane	48.8			70 (75) - 130 (124)	98%	SPK: 50		
2037-26-5	Toluene-d8	49.3			70 (86) - 130 (113)	99%	SPK: 50		
460-00-4	4-Bromofluorobenzene	47.5			70 (77) - 130 (121)	95%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	186000							
540-36-3	1,4-Difluorobenzene	310000							
3114-55-4	Chlorobenzene-d5	278000							
3855-82-1	1,4-Dichlorobenzene-d4	125000							

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\VX121125\
Data File : VX048828.D
Acq On : 11 Dec 2025 15:58
Operator : JC/MD
Sample : Q3828-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TB01-120925

Quant Time: Dec 11 23:52:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 03:27:34 2025
Response via : Initial Calibration

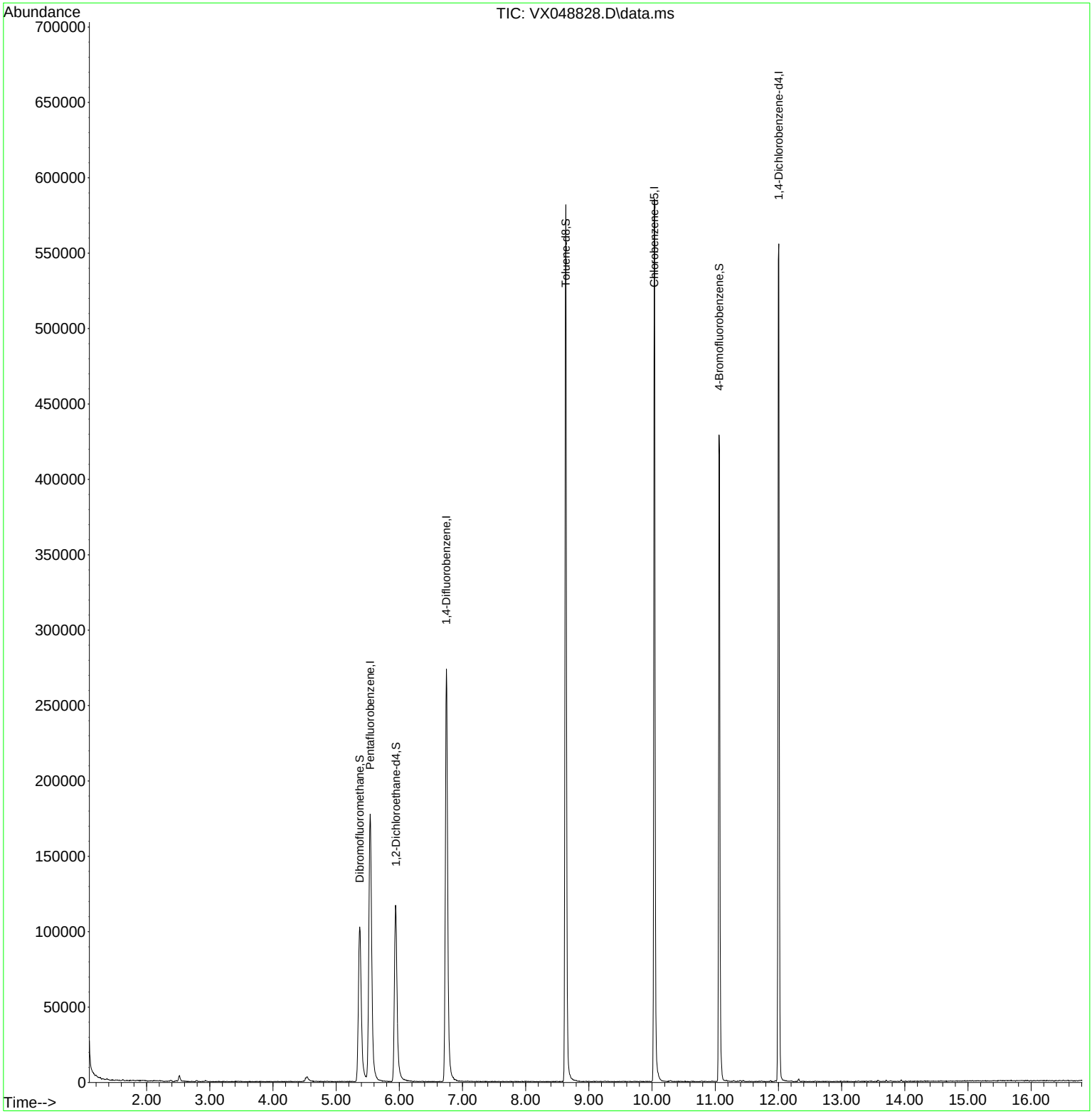
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.538	168	185904	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	310427	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	278196	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	125050	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	130506	52.303	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.600%			
35) Dibromofluoromethane	5.373	113	104347	48.819	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.640%			
50) Toluene-d8	8.635	98	369149	49.271	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.540%			
62) 4-Bromofluorobenzene	11.061	95	122664	47.478	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.960%			
Target Compounds						Qvalue

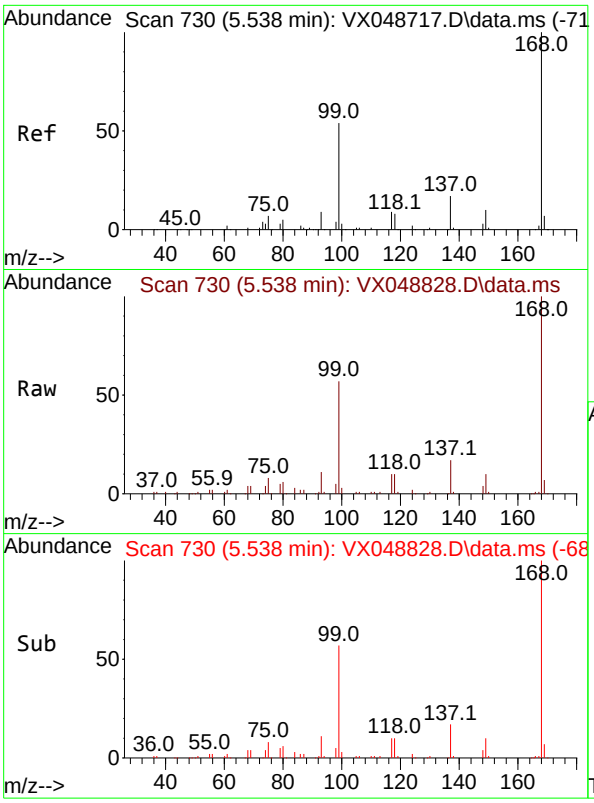
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121125\
Data File : VX048828.D
Acq On : 11 Dec 2025 15:58
Operator : JC/MD
Sample : Q3828-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TB01-120925

Quant Time: Dec 11 23:52:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 03:27:34 2025
Response via : Initial Calibration



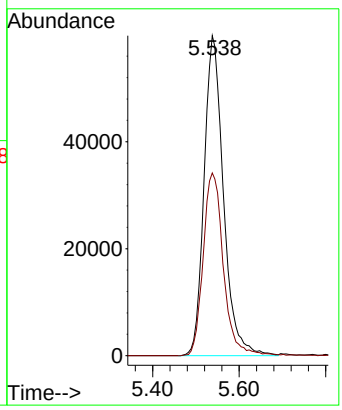


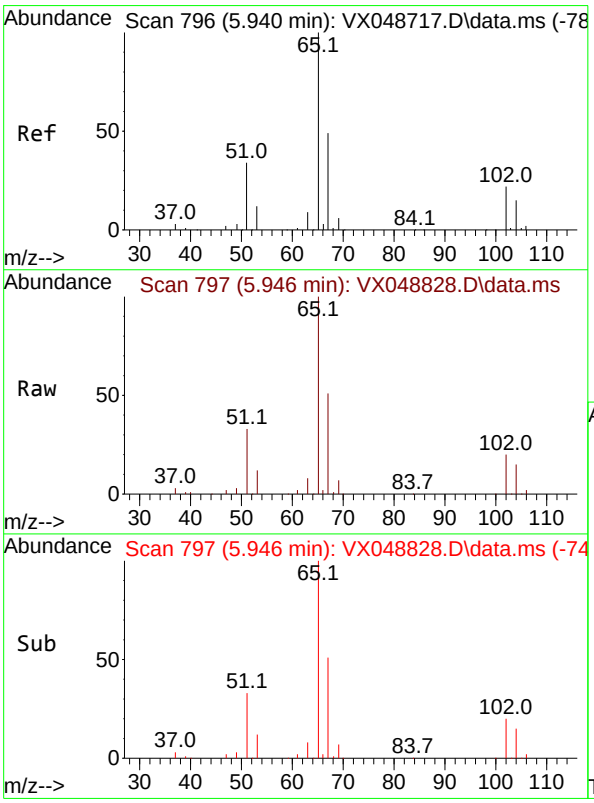
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048828.D
Acq: 11 Dec 2025 15:58

Instrument :
MSVOA_X
ClientSampleId :
TB01-120925

Tgt Ion:168 Resp: 185904

Ion	Ratio	Lower	Upper
168	100		
99	57.1	44.2	66.4

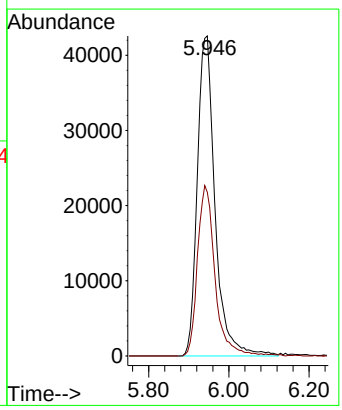


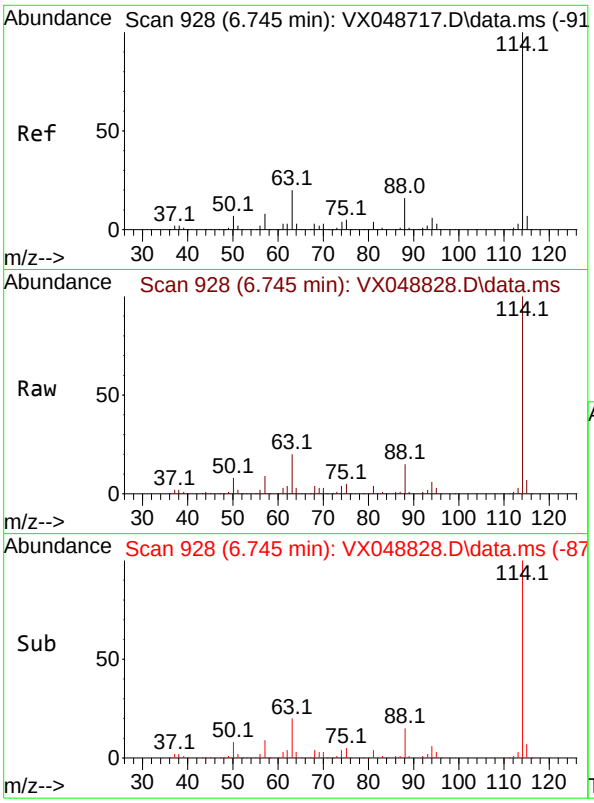


#33
1,2-Dichloroethane-d4
Concen: 52.303 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX048828.D
Acq: 11 Dec 2025 15:58

Tgt Ion: 65 Resp: 130506

Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	107.4



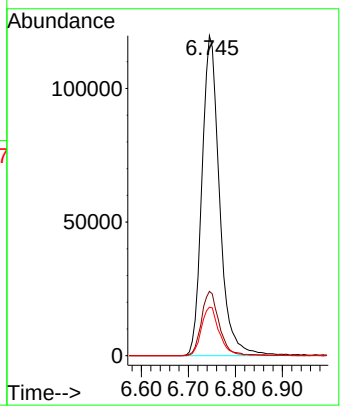


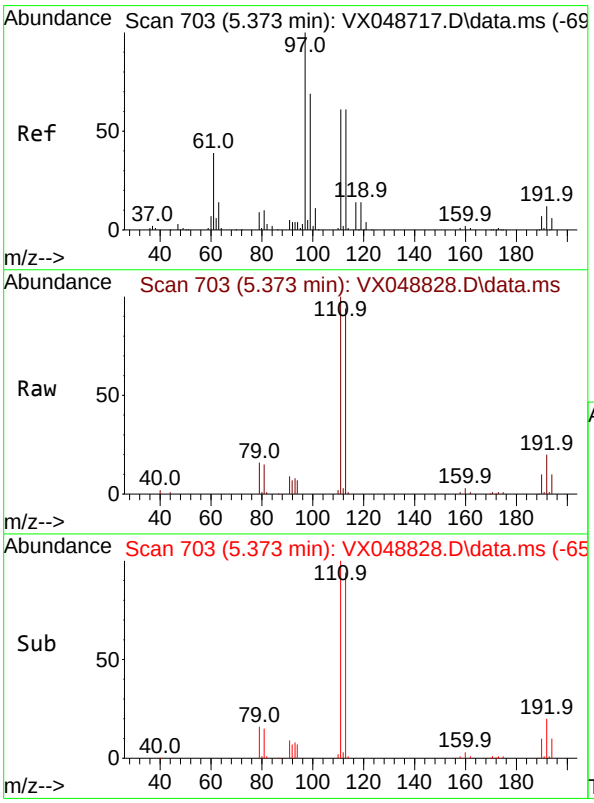
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX048828.D
Acq: 11 Dec 2025 15:58

Instrument :
MSVOA_X
ClientSampleId :
TB01-120925

Tgt Ion:114 Resp: 310427

Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	39.0
88	15.2	0.0	31.8

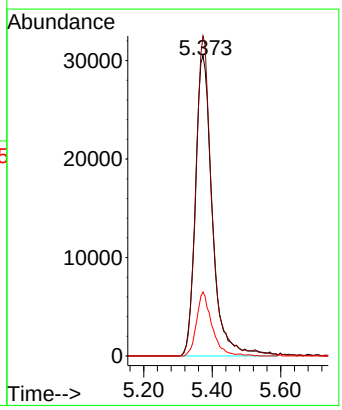


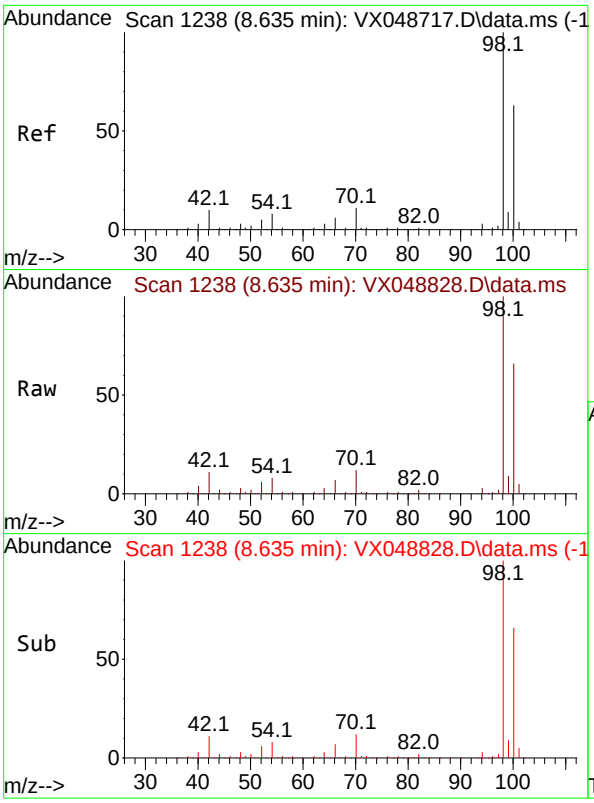


#35
Dibromofluoromethane
Concen: 48.819 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048828.D
Acq: 11 Dec 2025 15:58

Tgt Ion:113 Resp: 104347

Ion	Ratio	Lower	Upper
113	100		
111	101.2	79.5	119.3
192	19.3	16.1	24.1



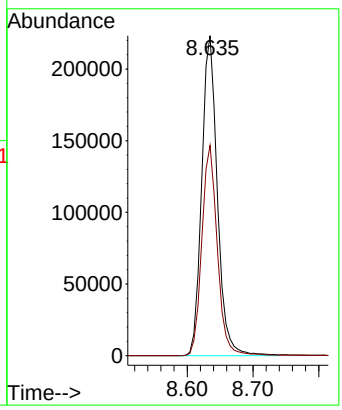


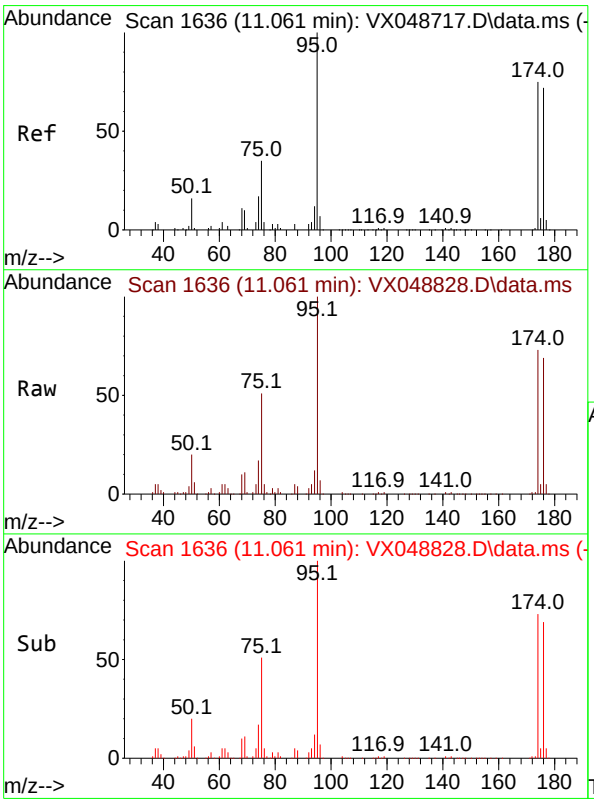
#50
Toluene-d8
Concen: 49.271 ug/l
RT: 8.635 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048828.D
Acq: 11 Dec 2025 15:58

Instrument :
MSVOA_X
ClientSampleId :
TB01-120925

Tgt Ion: 98 Resp: 369149

Ion	Ratio	Lower	Upper
98	100		
100	65.3	53.4	80.0

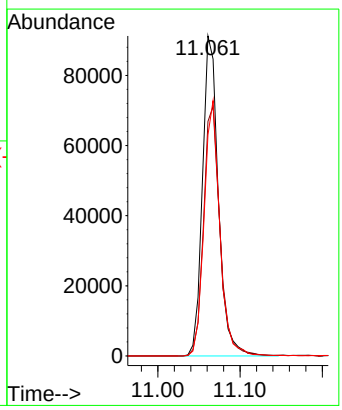


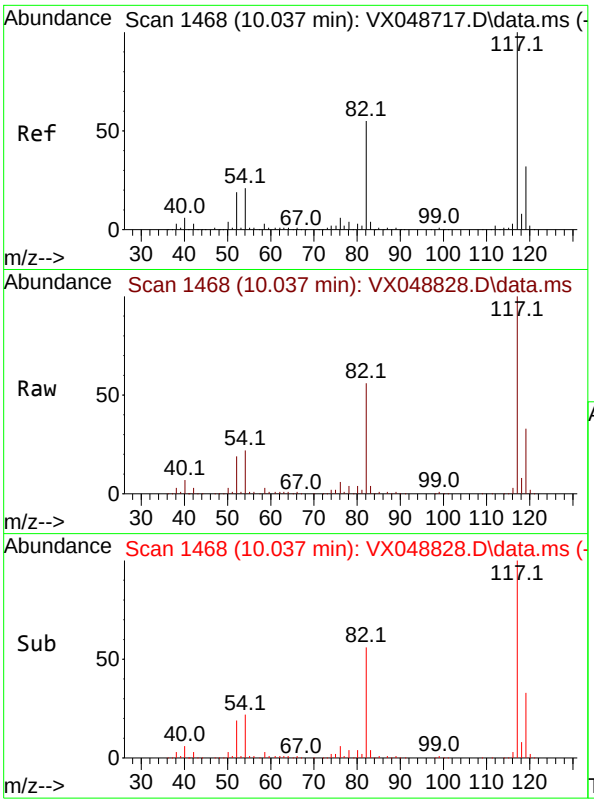


#62
4-Bromofluorobenzene
Concen: 47.478 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048828.D
Acq: 11 Dec 2025 15:58

Tgt Ion: 95 Resp: 122664

Ion	Ratio	Lower	Upper
95	100		
174	80.7	0.0	157.8
176	79.1	0.0	154.0



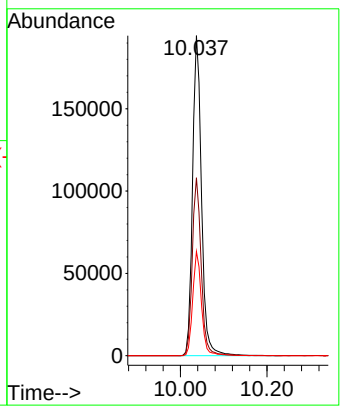


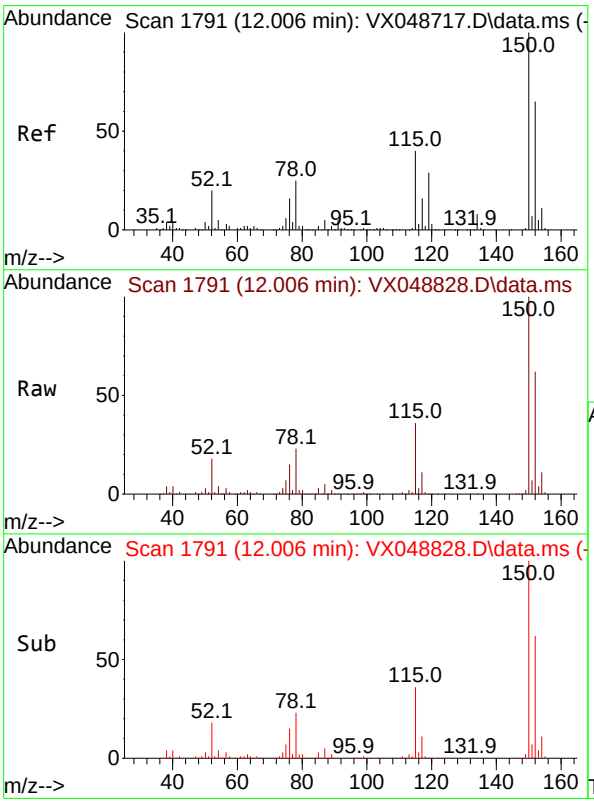
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048828.D
Acq: 11 Dec 2025 15:58

Instrument :
MSVOA_X
ClientSampleId :
TB01-120925

Tgt Ion:117 Resp: 278196

Ion	Ratio	Lower	Upper
117	100		
82	55.6	44.1	66.1
119	32.5	25.2	37.8

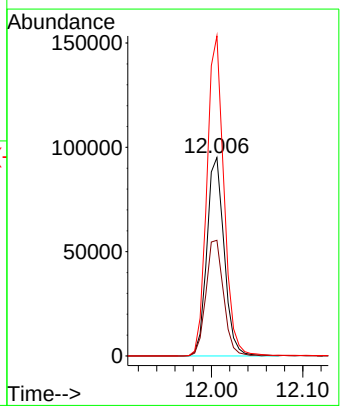




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048828.D
Acq: 11 Dec 2025 15:58

Tgt Ion:152 Resp: 125050

Ion	Ratio	Lower	Upper
152	100		
115	59.5	42.1	126.4
150	159.1	0.0	347.8



CALIBRATION SUMMARY

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: JACO05

Lab Code: ACE SDG No.: Q3828

Instrument ID: MSVOA_X Calibration Date(s): 12/04/2025 12/04/2025

Heated Purge: (Y/N) N Calibration Time(s): 08:47 10:38

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

LAB FILE ID: RRF001 = VX048714.D RRF005 = VX048715.D RRF020 = VX048716.D
RRF050 = VX048717.D RRF100 = VX048718.D RRF150 = VX048719.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Vinyl Chloride	0.704	0.624	0.667	0.709	0.700	0.704	0.685	4.9
1,1-Dichloroethene	0.607	0.533	0.560	0.601	0.584	0.598	0.581	4.9
1,1-Dichloroethane	1.208	0.803	1.038	0.910	1.223	0.914	1.016	16.9
cis-1,2-Dichloroethene	0.776	0.559	0.634	0.629	0.785	0.630	0.669	13.6
1,1,1-Trichloroethane	1.091	0.859	0.955	0.912	1.013	1.023	0.975	8.6
Benzene	1.508	1.396	1.314	1.323	1.402	1.444	1.398	5.2
1,2-Dichloroethane	0.554	0.497	0.439	0.452	0.525	0.502	0.495	8.7
Trichloroethene	0.387	0.340	0.363	0.367	0.345	0.387	0.365	5.4
1,1,2-Trichloroethane	0.359	0.316	0.325	0.378	0.310	0.347	0.339	7.9
Tetrachloroethene	0.383	0.367	0.358	0.353	0.315	0.410	0.364	8.8
1,2-Dichloroethane-d4		0.677	0.618	0.578	0.787	0.695	0.671	11.9
Dibromofluoromethane		0.316	0.359	0.334	0.355	0.357	0.344	5.4
Toluene-d8		1.281	1.161	1.312	1.051	1.228	1.207	8.6
4-Bromofluorobenzene		0.416	0.418	0.459	0.397	0.391	0.416	6.4

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

Response Factor Report MSVOA_X2

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
Method File : 82X120425W.M
Title : SW846 8260
Last Update : Fri Dec 05 03:27:34 2025
Response Via : Initial Calibration

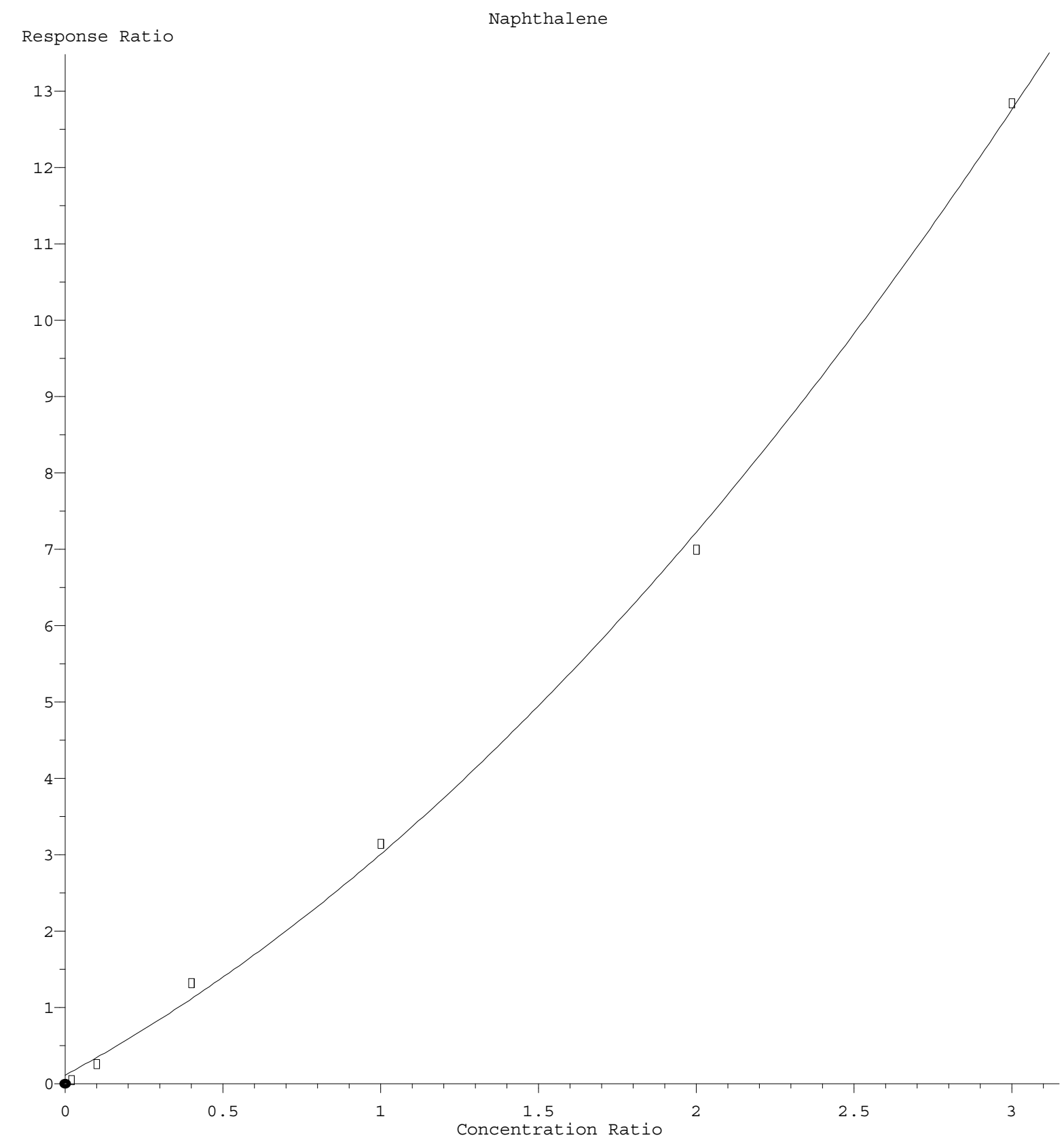
Calibration Files
1 =VX048714.D 5 =VX048715.D 20 =VX048716.D 50 =VX048717.D 100 =VX048718.D 150 =VX048719.D

		Compound	1	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.478	0.435	0.536	0.572	0.496	0.540	0.509	9.72
3)	P	Chloromethane	0.725	0.555	0.597	0.645	0.671	0.664	0.643	9.29
4)	C	Vinyl Chloride	0.704	0.624	0.667	0.709	0.700	0.704	0.685	4.87#
5)	T	Bromomethane		0.439	0.431	0.467	0.441	0.338	0.423	11.68
6)	T	Chloroethane	0.516	0.366	0.394	0.426	0.434	0.420	0.426	11.88
7)	T	Trichlorofluor...	0.999	0.934	0.972	1.032	0.940	1.011	0.981	4.01
8)	T	Diethyl Ether	0.445	0.357	0.341	0.380	0.435	0.392	0.392	10.58
9)	T	1,1,2-Trichlor...	0.591	0.565	0.555	0.596	0.522	0.585	0.569	4.90
10)	T	Methyl Iodide		0.589	0.745	0.865	0.957	0.893	0.810	17.96
11)	T	Tert butyl alc...		0.086	0.106	0.115	0.137	0.098	0.108	17.56
12)	CM	1,1-Dichloroet...	0.607	0.533	0.560	0.601	0.584	0.598	0.581	4.95#
13)	T	Acrolein		0.065	0.067	0.086	0.117	0.119	0.091	28.91
14)	T	Allyl chloride	1.104	0.725	0.973	1.075	1.172	0.799	0.975	18.29
15)	T	Acrylonitrile	0.366	0.256	0.326	0.367	0.423	0.288	0.338	17.97
16)	T	Acetone	0.319	0.213	0.221	0.247	0.286	0.255	0.257	15.61
17)	T	Carbon Disulfide	1.975	1.314	1.640	1.773	1.732	1.683	1.686	12.83
18)	T	Methyl Acetate	0.831	0.525	0.697	0.777	0.907	0.600	0.723	19.86
19)	T	Methyl tert-bu...	2.162	1.452	1.778	1.996	2.253	1.697	1.890	16.03
20)	T	Methylene Chlo...	0.841	0.524	0.586	0.650	0.718	0.534	0.642	18.95
21)	T	trans-1,2-Dich...	0.705	0.487	0.571	0.626	0.642	0.524	0.593	13.63
22)	T	Diisopropyl ether	2.158	1.457	1.895	1.567	2.280	1.573	1.822	18.81
23)	T	Vinyl Acetate	1.537	1.176	1.611	1.382	2.071	1.407	1.531	19.86
24)	P	1,1-Dichloroet...	1.208	0.803	1.038	0.910	1.223	0.914	1.016	16.91
25)	T	2-Butanone	0.399	0.286	0.402	0.337	0.507	0.344	0.379	20.00
26)	T	2,2-Dichloropr...	1.068	0.780	0.883	0.831	0.994	0.839	0.899	12.22
27)	T	cis-1,2-Dichlo...	0.776	0.559	0.634	0.629	0.785	0.630	0.669	13.63
28)	T	Bromochloromet...	0.565	0.416	0.496	0.417	0.611	0.483	0.498	15.73
29)	T	Tetrahydrofuran	0.318	0.214	0.287	0.248	0.363	0.306	0.290	18.22
30)	C	Chloroform	1.260	0.905	1.053	0.981	1.212	1.121	1.089	12.46#
31)	T	Cyclohexane		0.969	0.963	0.797	0.861	0.946	0.907	8.33
32)	T	1,1,1-Trichlor...	1.091	0.859	0.955	0.912	1.013	1.023	0.975	8.59
33)	S	1,2-Dichloroet...		0.677	0.618	0.578	0.787	0.695	0.671	11.91
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...		0.316	0.359	0.334	0.355	0.357	0.344	5.37
36)	T	1,1-Dichloropr...	0.522	0.461	0.516	0.439	0.422	0.469	0.472	8.63
37)	T	Ethyl Acetate	0.555	0.474	0.655	0.540	0.688	0.469	0.563	16.19
38)	T	Carbon Tetrach...	0.501	0.572	0.590	0.528	0.476	0.538	0.534	8.00
39)	T	Methylcyclohexane	0.539	0.540	0.550	0.642	0.478	0.596	0.558	10.06
40)	TM	Benzene	1.508	1.396	1.314	1.323	1.402	1.444	1.398	5.24
41)	T	Methacrylonitrile	0.217	0.205	0.302	0.242	0.307	0.264	0.256	16.65
42)	TM	1,2-Dichloroet...	0.554	0.497	0.439	0.452	0.525	0.502	0.495	8.74
43)	T	Isopropyl Acetate	0.878	0.867	0.738	0.756	0.969	0.910	0.853	10.49
44)	TM	Trichloroethene	0.387	0.340	0.363	0.367	0.345	0.387	0.365	5.42
45)	C	1,2-Dichloropr...	0.339	0.341	0.314	0.383	0.360	0.360	0.349	6.75#
46)	T	Dibromomethane	0.256	0.257	0.242	0.289	0.273	0.271	0.265	6.18
47)	T	Bromodichlorom...	0.595	0.538	0.488	0.587	0.555	0.551	0.552	6.98
48)	T	Methyl methacr...	0.427	0.395	0.355	0.465	0.480	0.453	0.429	10.99
49)	T	1,4-Dioxane	0.006	0.005	0.005	0.006	0.007	0.006	0.006	10.25
50)	S	Toluene-d8		1.281	1.161	1.312	1.051	1.228	1.207	8.63
51)	T	4-Methyl-2-Pen...	0.547	0.544	0.470	0.605	0.460	0.552	0.530	10.40
52)	CM	Toluene	0.838	0.786	0.831	0.964	0.751	0.888	0.843	8.96#
53)	T	t-1,3-Dichloro...	0.543	0.445	0.490	0.600	0.495	0.581	0.526	11.30
54)	T	cis-1,3-Dichlo...	0.540	0.537	0.531	0.644	0.524	0.613	0.565	8.94
55)	T	1,1,2-Trichlor...	0.359	0.316	0.325	0.378	0.310	0.347	0.339	7.85
56)	T	Ethyl methacry...	0.492	0.440	0.502	0.627	0.520	0.603	0.531	13.33

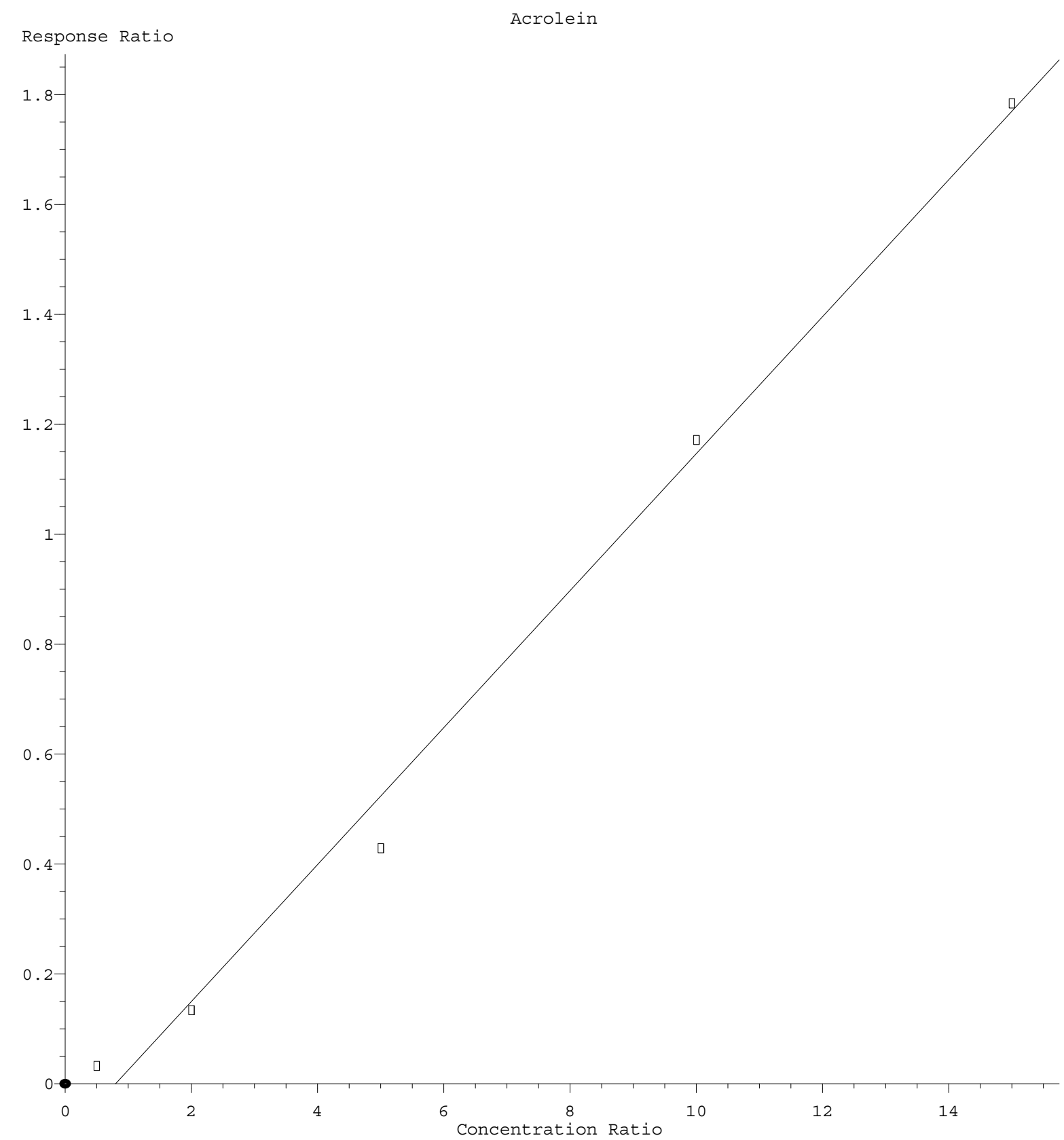
Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
Method File : 82X120425W.M

57)	T	1,3-Dichloropr...	0.620	0.509	0.535	0.628	0.513	0.579	0.564	9.39
58)	T	2-Chloroethyl ...	0.227	0.295	0.268	0.344	0.256	0.332	0.287	15.76
59)	T	2-Hexanone	0.383	0.311	0.345	0.442	0.342	0.408	0.372	13.02
60)	T	Dibromochlorom...	0.415	0.390	0.412	0.467	0.401	0.431	0.419	6.54
61)	T	1,2-Dibromoethane	0.388	0.334	0.356	0.411	0.343	0.372	0.367	7.85
62)	S	4-Bromofluorob...		0.416	0.418	0.459	0.397	0.391	0.416	6.39
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.383	0.367	0.358	0.353	0.315	0.410	0.364	8.76
65)	PM	Chlorobenzene	1.181	1.082	1.060	1.087	1.044	1.113	1.094	4.45
66)	T	1,1,1,2-Tetrac...	0.434	0.376	0.367	0.380	0.382	0.410	0.391	6.47
67)	C	Ethyl Benzene	1.741	1.720	1.759	1.893	1.702	1.900	1.786	4.93#
68)	T	m/p-Xylenes	0.699	0.675	0.684	0.717	0.664	0.736	0.696	3.89
69)	T	o-Xylene	0.577	0.634	0.658	0.678	0.653	0.712	0.652	6.98
70)	T	Styrene	0.989	1.068	1.129	1.170	1.134	1.223	1.119	7.28
71)	P	Bromoform	0.334	0.331	0.335	0.328	0.372	0.395	0.349	7.94
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.175	3.265	3.404	3.633	3.155	3.586	3.369	6.12
74)	T	N-amyl acetate	1.397	1.236	1.349	1.738	1.491	1.572	1.464	12.11
75)	P	1,1,2,2-Tetrac...	1.297	1.035	1.035	1.179	1.108	1.168	1.137	8.78
76)	T	1,2,3-Trichlor...	1.093	0.906	0.839	0.958	0.885	0.906	0.931	9.43
77)	T	Bromobenzene	0.906	0.870	0.864	0.886	0.905	0.965	0.899	4.06
78)	T	n-propylbenzene	3.763	3.672	3.959	4.306	3.582	4.133	3.902	7.19
79)	T	2-Chlorotoluene	2.399	2.263	2.342	2.521	2.260	2.493	2.380	4.70
80)	T	1,3,5-Trimethy...	2.581	2.644	2.831	2.948	2.635	2.978	2.770	6.22
81)	T	trans-1,4-Dich...		0.318	0.364	0.416	0.416	0.447	0.392	12.98
82)	T	4-Chlorotoluene	2.746	2.550	2.779	2.984	2.667	2.936	2.777	5.87
83)	T	tert-Butylbenzene	2.630	2.796	2.928	3.026	2.744	3.143	2.878	6.61
84)	T	1,2,4-Trimethy...	2.583	2.631	2.811	2.983	2.715	3.039	2.794	6.66
85)	T	sec-Butylbenzene	3.257	3.441	3.572	3.766	3.161	3.728	3.488	7.08
86)	T	p-Isopropyltol...	2.719	2.915	3.051	3.180	2.786	3.236	2.981	7.05
87)	T	1,3-Dichlorobe...	1.691	1.611	1.630	1.647	1.612	1.756	1.658	3.41
88)	T	1,4-Dichlorobe...	1.952	1.640	1.612	1.662	1.639	1.775	1.713	7.60
89)	T	n-Butylbenzene	2.735	2.610	3.077	2.959	2.457	2.909	2.791	8.34
90)	T	Hexachloroethane	0.618	0.555	0.627	0.594	0.538	0.718	0.608	10.50
91)	T	1,2-Dichlorobe...	1.632	1.491	1.702	1.582	1.557	1.680	1.607	4.95
92)	T	1,2-Dibromo-3-...	0.293	0.230	0.273	0.268	0.264	0.332	0.277	12.28
93)	T	1,2,4-Trichlor...	1.053	0.919	1.043	0.997	1.062	1.295	1.062	11.87
94)	T	Hexachlorobuta...	0.500	0.437	0.452	0.395	0.390	0.460	0.439	9.52
95)	T	Naphthalene	2.336	2.578	3.292	3.142	3.497	4.280	3.187	21.73
96)	T	1,2,3-Trichlor...	0.912	0.836	0.989	0.930	1.005	1.203	0.979	12.77

(#) = Out of Range



R = 6.609e-001 A*A + 2.232e+000 A + 1.131e-001
Coef of Det (r^2) = 0.998889 Curve Fit: Quadratic
Method Name: Z:\voasrv\HPCHEM1\MSVOA X\Method\82X120425W.M
Calibration Table Last Updated: Fri Dec 05 03:27:34 2025



Response = 1.246e-001 * Amt - 1.002e-001
Coef of Det (r^2) = 0.993311 Curve Fit: Linear
Method Name: Z:\voasrv\HPCHEM1\MSVOA X\Method\82X120425W.M
Calibration Table Last Updated: Fri Dec 05 03:27:34 2025

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120425\
Data File : VX048714.D
Acq On : 04 Dec 2025 08:47
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 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025

Quant Time: Dec 05 03:18:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 03:18:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.531	168	206937	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.739	114	356626	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	323968	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	158289	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	1978	0.938	ug/l #	66
3) Chloromethane	1.300	50	3002	1.128	ug/l	92
4) Vinyl Chloride	1.380	62	2913	1.028	ug/l	99
6) Chloroethane	1.697	64	2136	1.211	ug/l	98
7) Trichlorofluoromethane	1.898	101	4135	1.018	ug/l	93
8) Diethyl Ether	2.130	74	1841	1.136	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.343	101	2444	1.038	ug/l	95
12) 1,1-Dichloroethene	2.325	96	2514	1.046	ug/l	93
14) Allyl chloride	2.660	41	4571	1.133	ug/l	94
15) Acrylonitrile	3.056	53	7576	5.422	ug/l	95
16) Acetone	2.373	43	6606	6.213	ug/l	94
17) Carbon Disulfide	2.514	76	8174	1.171	ug/l	96
18) Methyl Acetate	2.703	43	3438	1.149	ug/l	95
19) Methyl tert-butyl Ether	3.105	73	8947	1.144	ug/l #	90
20) Methylene Chloride	2.788	84	3480	1.309	ug/l	88
21) trans-1,2-Dichloroethene	3.093	96	2919	1.190	ug/l	82
22) Diisopropyl ether	3.745	45	8931	1.184	ug/l #	88
23) Vinyl Acetate	3.721	43	31813	5.021	ug/l	98
24) 1,1-Dichloroethane	3.599	63	5001	1.189	ug/l	97
25) 2-Butanone	4.544	43	8255	5.260	ug/l	97
26) 2,2-Dichloropropane	4.458	77	4420	1.188	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	3211	1.160	ug/l	88
28) Bromochloromethane	4.879	49	2337	1.134	ug/l #	83
29) Tetrahydrofuran	4.989	42	6590	5.500	ug/l #	89
30) Chloroform	5.074	83	5213	1.157	ug/l	99
32) 1,1,1-Trichloroethane	5.361	97	4515	1.118	ug/l #	48
36) 1,1-Dichloropropene	5.678	75	3726	1.108	ug/l	91
37) Ethyl Acetate	4.714	43	3958m	0.985	ug/l	
38) Carbon Tetrachloride	5.659	117	3570	0.937	ug/l #	83
39) Methylcyclohexane	7.354	83	3845	0.967	ug/l #	87
40) Benzene	6.019	78	10753	1.079	ug/l	96
41) Methacrylonitrile	4.903	41	1547	0.846	ug/l #	62
42) 1,2-Dichloroethane	6.074	62	3949	1.119	ug/l	87
43) Isopropyl Acetate	6.318	43	6262	1.029	ug/l #	94
44) Trichloroethene	7.104	130	2758	1.060	ug/l	99
45) 1,2-Dichloropropane	7.409	63	2415	0.969	ug/l #	77

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120425\
Data File : VX048714.D
Acq On : 04 Dec 2025 08:47
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 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025

Quant Time: Dec 05 03:18:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 03:18:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
46) Dibromomethane	7.568	93	1828	0.967 ug/l	95
47) Bromodichloromethane	7.799	83	4244	1.077 ug/l #	85
48) Methyl methacrylate	7.677	41	3046	0.995 ug/l	93
49) 1,4-Dioxane	7.671	88	794	18.860 ug/l #	86
51) 4-Methyl-2-Pentanone	8.555	43	19490	5.160 ug/l	97
52) Toluene	8.702	92	5975	0.994 ug/l	95
53) t-1,3-Dichloropropene	8.970	75	3870	1.032 ug/l	99
54) cis-1,3-Dichloropropene	8.354	75	3853	0.956 ug/l #	93
55) 1,1,2-Trichloroethane	9.134	97	2561	1.059 ug/l #	90
56) Ethyl methacrylate	9.098	69	3510	0.927 ug/l	91
57) 1,3-Dichloropropane	9.293	76	4423	1.100 ug/l	97
58) 2-Chloroethyl Vinyl ether	8.232	63	8078	3.947 ug/l	97
59) 2-Hexanone	9.415	43	13642	5.145 ug/l	92
60) Dibromochloromethane	9.506	129	2961	0.990 ug/l	93
61) 1,2-Dibromoethane	9.592	107	2765	1.056 ug/l	97
64) Tetrachloroethene	9.256	164	2484	1.052 ug/l #	80
65) Chlorobenzene	10.061	112	7654	1.079 ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.140	131	2813	1.109 ug/l #	61
67) Ethyl Benzene	10.177	91	11281	0.975 ug/l	95
68) m/p-Xylenes	10.281	106	9059	2.010 ug/l	99
69) o-Xylene	10.622	106	3736	0.885 ug/l	84
70) Styrene	10.640	104	6411	0.884 ug/l	96
71) Bromoform	10.787	173	2166	0.957 ug/l #	97
73) Isopropylbenzene	10.945	105	10050	0.942 ug/l	100
74) N-amyl acetate	10.829	43	4424	0.955 ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.195	83	4105	1.141 ug/l	98
76) 1,2,3-Trichloropropane	11.219	75	3459m	1.139 ug/l	
77) Bromobenzene	11.183	156	2868	1.007 ug/l	95
78) n-propylbenzene	11.286	91	11914	0.964 ug/l	99
79) 2-Chlorotoluene	11.347	91	7596	1.008 ug/l	100
80) 1,3,5-Trimethylbenzene	11.433	105	8172	0.932 ug/l	96
82) 4-Chlorotoluene	11.439	91	8694	0.989 ug/l	99
83) tert-Butylbenzene	11.695	119	8327	0.914 ug/l	98
84) 1,2,4-Trimethylbenzene	11.732	105	8178	0.925 ug/l	99
85) sec-Butylbenzene	11.872	105	10311	0.934 ug/l	98
86) p-Isopropyltoluene	11.988	119	8607	0.912 ug/l	87
87) 1,3-Dichlorobenzene	11.951	146	5352	1.020 ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	6180m	1.139 ug/l	
89) n-Butylbenzene	12.317	91	8657	0.980 ug/l	97
90) Hexachloroethane	12.524	117	1957	1.016 ug/l	90
91) 1,2-Dichlorobenzene	12.317	146	5165	1.015 ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.926	75	929	1.061 ug/l	74
93) 1,2,4-Trichlorobenzene	13.573	180	3332	0.991 ug/l	92
94) Hexachlorobutadiene	13.707	225	1584	1.139 ug/l	93
95) Naphthalene	13.762	128	7395	0.733 ug/l	99
96) 1,2,3-Trichlorobenzene	13.945	180	2886	0.931 ug/l	90

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

ICAL Form

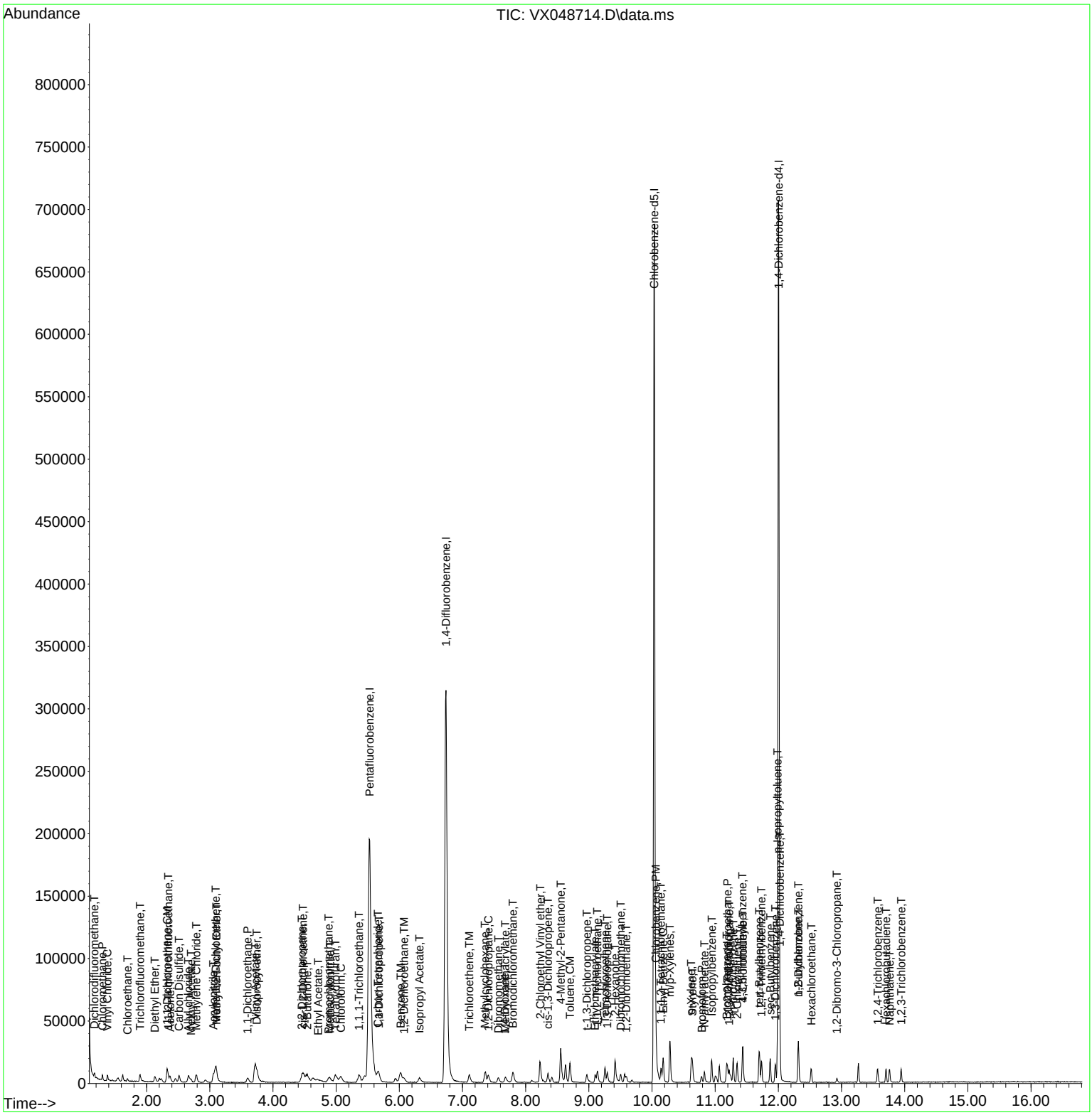
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120425\
Data File : VX048714.D
Acq On : 04 Dec 2025 08:47
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 05 03:18:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 03:18:21 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120425\
Data File : VX048715.D
Acq On : 04 Dec 2025 09:16
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 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025

Quant Time: Dec 05 02:07:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 02:05:18 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.532	168	228640	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.739	114	358720	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	300438	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	155633	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	15478	5.044	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	10.080%#		
35) Dibromofluoromethane	5.379	113	11348	4.594	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	9.180%#		
50) Toluene-d8	8.629	98	45948	5.307	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	10.620%#		
62) 4-Bromofluorobenzene	11.061	95	14926	4.999	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	10.000%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	9943	4.268	ug/l	99
3) Chloromethane	1.301	50	12695	4.318	ug/l	98
4) Vinyl Chloride	1.380	62	14273	4.559	ug/l	93
5) Bromomethane	1.611	94	10033	5.186	ug/l	99
6) Chloroethane	1.691	64	8374	4.298	ug/l	98
7) Trichlorofluoromethane	1.892	101	21348	4.758	ug/l	99
8) Diethyl Ether	2.130	74	8173	4.563	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.337	101	12909	4.963	ug/l	97
10) Methyl Iodide	2.453	142	13462	3.635	ug/l	99
11) Tert butyl alcohol	2.941	59	9869	19.919	ug/l	99
12) 1,1-Dichloroethene	2.319	96	12191	4.592	ug/l	96
13) Acrolein	2.233	56	7426	53.206	ug/l	98
14) Allyl chloride	2.660	41	16575	3.718	ug/l	97
15) Acrylonitrile	3.056	53	29219	18.927	ug/l	91
16) Acetone	2.374	43	24360	20.736	ug/l	98
17) Carbon Disulfide	2.514	76	30036	3.896	ug/l	100
18) Methyl Acetate	2.697	43	12011m	3.634	ug/l	
19) Methyl tert-butyl Ether	3.099	73	33202	3.843	ug/l	95
20) Methylene Chloride	2.782	84	11979	4.079	ug/l	84
21) trans-1,2-Dichloroethene	3.087	96	11131	4.108	ug/l	96
22) Diisopropyl ether	3.745	45	33324	4.000	ug/l	97
23) Vinyl Acetate	3.709	43	134450	19.207	ug/l	99
24) 1,1-Dichloroethane	3.605	63	18354	3.951	ug/l	100
25) 2-Butanone	4.532	43	32730	18.877	ug/l	98
26) 2,2-Dichloropropane	4.459	77	17823	4.336	ug/l	98
27) cis-1,2-Dichloroethene	4.471	96	12772	4.177	ug/l	97
28) Bromochloromethane	4.867	49	9519	4.181	ug/l	91
29) Tetrahydrofuran	4.977	42	24477	18.488	ug/l	94
30) Chloroform	5.080	83	20698	4.158	ug/l	93
31) Cyclohexane	5.446	56	22164	5.344	ug/l	93
32) 1,1,1-Trichloroethane	5.361	97	19635	4.402	ug/l	93
36) 1,1-Dichloropropene	5.672	75	16539	4.889	ug/l	99
37) Ethyl Acetate	4.696	43	16990m	4.203	ug/l	
38) Carbon Tetrachloride	5.653	117	20529	5.357	ug/l	92
39) Methylcyclohexane	7.360	83	19359	4.840	ug/l	94
40) Benzene	6.019	78	50087	4.994	ug/l	98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120425\
Data File : VX048715.D
Acq On : 04 Dec 2025 09:16
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 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025

Quant Time: Dec 05 02:07:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 02:05:18 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Methacrylonitrile	4.904	41	7366	4.005 ug/l		97
42) 1,2-Dichloroethane	6.068	62	17832	5.024 ug/l		97
43) Isopropyl Acetate	6.312	43	31107	5.082 ug/l		95
44) Trichloroethene	7.104	130	12207	4.665 ug/l		96
45) 1,2-Dichloropropane	7.409	63	12229	4.879 ug/l		97
46) Dibromomethane	7.568	93	9236	4.859 ug/l		95
47) Bromodichloromethane	7.799	83	19311	4.873 ug/l		98
48) Methyl methacrylate	7.671	41	14173	4.603 ug/l		95
49) 1,4-Dioxane	7.641	88	3770	89.028 ug/l	#	91
51) 4-Methyl-2-Pentanone	8.555	43	97596	25.688 ug/l		97
52) Toluene	8.702	92	28194	4.662 ug/l		100
53) t-1,3-Dichloropropene	8.964	75	15951	4.231 ug/l		95
54) cis-1,3-Dichloropropene	8.348	75	19250	4.751 ug/l		97
55) 1,1,2-Trichloroethane	9.134	97	11325	4.654 ug/l		96
56) Ethyl methacrylate	9.098	69	15799	4.148 ug/l		96
57) 1,3-Dichloropropane	9.293	76	18244	4.509 ug/l		99
58) 2-Chloroethyl Vinyl ether	8.226	63	52878	25.688 ug/l		95
59) 2-Hexanone	9.415	43	55721	20.893 ug/l		97
60) Dibromochloromethane	9.506	129	13990	4.650 ug/l		99
61) 1,2-Dibromoethane	9.592	107	11968	4.545 ug/l		100
64) Tetrachloroethene	9.256	164	11027	5.035 ug/l		93
65) Chlorobenzene	10.061	112	32494	4.941 ug/l		97
66) 1,1,1,2-Tetrachloroethane	10.140	131	11291	4.800 ug/l		95
67) Ethyl Benzene	10.177	91	51672	4.815 ug/l		99
68) m/p-Xylenes	10.281	106	40552	9.701 ug/l		99
69) o-Xylene	10.622	106	19035	4.860 ug/l		98
70) Styrene	10.640	104	32097	4.773 ug/l		98
71) Bromoform	10.781	173	9949	4.738 ug/l	#	99
73) Isopropylbenzene	10.945	105	50807	4.844 ug/l		99
74) N-amyl acetate	10.829	43	19243	4.223 ug/l		96
75) 1,1,2,2-Tetrachloroethane	11.195	83	16109	4.552 ug/l		96
76) 1,2,3-Trichloropropane	11.226	75	14100m	4.722 ug/l		
77) Bromobenzene	11.183	156	13538	4.836 ug/l		91
78) n-propylbenzene	11.287	91	57143	4.704 ug/l		97
79) 2-Chlorotoluene	11.348	91	35216	4.754 ug/l		98
80) 1,3,5-Trimethylbenzene	11.433	105	41155	4.774 ug/l		97
81) trans-1,4-Dichloro-2-b...	11.000	75	4948	4.055 ug/l	#	87
82) 4-Chlorotoluene	11.439	91	39681	4.591 ug/l		94
83) tert-Butylbenzene	11.695	119	43520	4.858 ug/l		99
84) 1,2,4-Trimethylbenzene	11.732	105	40951	4.709 ug/l		97
85) sec-Butylbenzene	11.872	105	53557	4.933 ug/l		98
86) p-Isopropyltoluene	11.988	119	45373	4.890 ug/l		99
87) 1,3-Dichlorobenzene	11.951	146	25073	4.859 ug/l		99
88) 1,4-Dichlorobenzene	12.024	146	25523	4.786 ug/l		92
89) n-Butylbenzene	12.317	91	40625	4.676 ug/l		100
90) Hexachloroethane	12.518	117	8642	4.563 ug/l		95
91) 1,2-Dichlorobenzene	12.317	146	23201	4.637 ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.927	75	3579	4.156 ug/l		97
93) 1,2,4-Trichlorobenzene	13.573	180	14300	4.328 ug/l		97
94) Hexachlorobutadiene	13.707	225	6803	4.977 ug/l		96
95) Naphthalene	13.756	128	40122	3.182 ug/l		98
96) 1,2,3-Trichlorobenzene	13.945	180	13011	4.270 ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120425\
Data File : VX048715.D
Acq On : 04 Dec 2025 09:16
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 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025

Quant Time: Dec 05 02:07:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 02:05:18 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

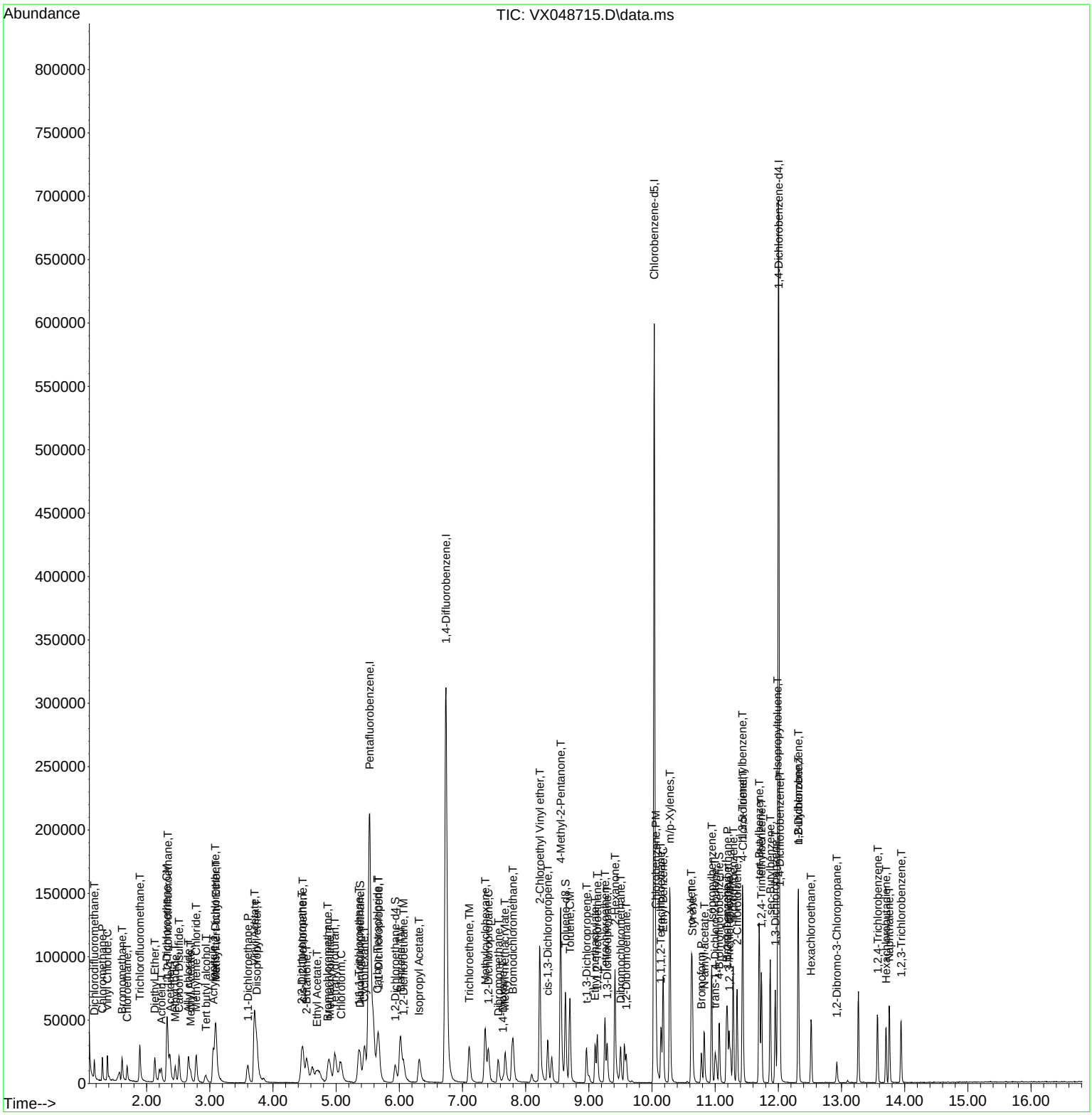
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120425\
Data File : VX048715.D
Acq On : 04 Dec 2025 09:16
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 05 02:07:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 02:05:18 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120425\
Data File : VX048716.D
Acq On : 04 Dec 2025 09:36
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 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025

Quant Time: Dec 05 02:08:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 02:05:18 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.538	168	219464	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	318746	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	280368	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	141102	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	54232	18.411	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	36.820%#		
35) Dibromofluoromethane	5.373	113	45770	20.855	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	41.700%#		
50) Toluene-d8	8.635	98	148035	19.243	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	38.480%#		
62) 4-Bromofluorobenzene	11.061	95	53305	20.094	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	40.180%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	47089	21.059	ug/l	97
3) Chloromethane	1.301	50	52390	18.567	ug/l	96
4) Vinyl Chloride	1.380	62	58519	19.473	ug/l	98
5) Bromomethane	1.618	94	37813	20.361	ug/l	99
6) Chloroethane	1.697	64	34583	18.490	ug/l	96
7) Trichlorofluoromethane	1.898	101	85315	19.808	ug/l	99
8) Diethyl Ether	2.136	74	29915	17.401	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.337	101	48761	19.529	ug/l	99
10) Methyl Iodide	2.459	142	65436	18.408	ug/l	99
11) Tert butyl alcohol	2.934	59	46577	97.940	ug/l	99
12) 1,1-Dichloroethene	2.325	96	49149	19.286	ug/l	97
13) Acrolein	2.233	56	29353	93.831	ug/l	99
14) Allyl chloride	2.666	41	85429	19.967	ug/l	97
15) Acrylonitrile	3.056	53	142975	96.485	ug/l	99
16) Acetone	2.373	43	97117	86.124	ug/l	98
17) Carbon Disulfide	2.514	76	143976	19.454	ug/l	97
18) Methyl Acetate	2.697	43	61156	19.276	ug/l	100
19) Methyl tert-butyl Ether	3.105	73	156080	18.819	ug/l	100
20) Methylene Chloride	2.788	84	51424	18.245	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	50138	19.276	ug/l	98
22) Diisopropyl ether	3.751	45	166346	20.803	ug/l	97
23) Vinyl Acetate	3.715	43	707279	105.266	ug/l	97
24) 1,1-Dichloroethane	3.605	63	91130	20.437	ug/l	99
25) 2-Butanone	4.532	43	176425	106.006	ug/l	91
26) 2,2-Dichloropropane	4.465	77	77488	19.639	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	55622	18.951	ug/l	92
28) Bromochloromethane	4.885	49	43554	19.928	ug/l	85
29) Tetrahydrofuran	4.989	42	126095	99.224	ug/l	94
30) Chloroform	5.080	83	92401	19.339	ug/l	97
31) Cyclohexane	5.458	56	84544	21.236	ug/l	95
32) 1,1,1-Trichloroethane	5.373	97	83804	19.575	ug/l	97
36) 1,1-Dichloropropene	5.678	75	65812	21.894	ug/l	97
37) Ethyl Acetate	4.696	43	83566	23.266	ug/l	97
38) Carbon Tetrachloride	5.666	117	75238	22.097	ug/l	92
39) Methylcyclohexane	7.366	83	70160	19.739	ug/l	99
40) Benzene	6.025	78	167542	18.802	ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120425\
Data File : VX048716.D
Acq On : 04 Dec 2025 09:36
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 05 02:08:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 02:05:18 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.904	41	38557	23.593	ug/l		95
42) 1,2-Dichloroethane	6.068	62	55989	17.752	ug/l		99
43) Isopropyl Acetate	6.324	43	94137	17.308	ug/l		99
44) Trichloroethene	7.110	130	46220	19.879	ug/l		99
45) 1,2-Dichloropropane	7.415	63	40049	17.982	ug/l		93
46) Dibromomethane	7.568	93	30901	18.296	ug/l		96
47) Bromodichloromethane	7.805	83	62163	17.653	ug/l		96
48) Methyl methacrylate	7.677	41	45239	16.535	ug/l		96
49) 1,4-Dioxane	7.647	88	13475	358.118	ug/l		98
51) 4-Methyl-2-Pentanone	8.555	43	299548	88.733	ug/l		100
52) Toluene	8.702	92	105894	19.707	ug/l		100
53) t-1,3-Dichloropropene	8.964	75	62519	18.662	ug/l		98
54) cis-1,3-Dichloropropene	8.348	75	67666	18.794	ug/l		93
55) 1,1,2-Trichloroethane	9.134	97	41452	19.173	ug/l		98
56) Ethyl methacrylate	9.098	69	64049	18.926	ug/l		94
57) 1,3-Dichloropropane	9.293	76	68153	18.957	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.226	63	170980	93.480	ug/l		97
59) 2-Hexanone	9.415	43	220146	92.897	ug/l		98
60) Dibromochloromethane	9.506	129	52484	19.632	ug/l		100
61) 1,2-Dibromoethane	9.592	107	45333	19.373	ug/l		99
64) Tetrachloroethene	9.256	164	40200	19.671	ug/l		98
65) Chlorobenzene	10.061	112	118824	19.362	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.146	131	41197	18.768	ug/l		98
67) Ethyl Benzene	10.177	91	197228	19.695	ug/l		99
68) m/p-Xylenes	10.281	106	153388	39.322	ug/l		99
69) o-Xylene	10.622	106	73749	20.176	ug/l		98
70) Styrene	10.640	104	126646	20.182	ug/l		98
71) Bromoform	10.781	173	37588	19.181	ug/l	#	97
73) Isopropylbenzene	10.945	105	192126	20.205	ug/l		99
74) N-amyl acetate	10.823	43	76117	18.423	ug/l		94
75) 1,1,2,2-Tetrachloroethane	11.195	83	58417	18.208	ug/l		97
76) 1,2,3-Trichloropropane	11.219	75	47375m	17.500	ug/l		
77) Bromobenzene	11.177	156	48752	19.209	ug/l		96
78) n-propylbenzene	11.287	91	223424	20.288	ug/l		97
79) 2-Chlorotoluene	11.347	91	132195	19.685	ug/l		98
80) 1,3,5-Trimethylbenzene	11.433	105	159778	20.443	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.000	75	20567	18.590	ug/l	#	78
82) 4-Chlorotoluene	11.433	91	156834	20.013	ug/l		98
83) tert-Butylbenzene	11.695	119	165236	20.346	ug/l		98
84) 1,2,4-Trimethylbenzene	11.732	105	158676	20.126	ug/l		100
85) sec-Butylbenzene	11.872	105	201582	20.481	ug/l		98
86) p-Isopropyltoluene	11.988	119	172223	20.471	ug/l		100
87) 1,3-Dichlorobenzene	11.951	146	92004	19.665	ug/l		98
88) 1,4-Dichlorobenzene	12.024	146	90959	18.813	ug/l		98
89) n-Butylbenzene	12.317	91	173673	22.048	ug/l		100
90) Hexachloroethane	12.518	117	35390	20.611	ug/l		100
91) 1,2-Dichlorobenzene	12.317	146	96083	21.183	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.926	75	15398	19.720	ug/l		97
93) 1,2,4-Trichlorobenzene	13.567	180	58891	19.658	ug/l		98
94) Hexachlorobutadiene	13.707	225	25503	20.581	ug/l		97
95) Naphthalene	13.756	128	185802	23.652	ug/l		100
96) 1,2,3-Trichlorobenzene	13.938	180	55848	20.215	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120425\
Data File : VX048716.D
Acq On : 04 Dec 2025 09:36
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 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025

Quant Time: Dec 05 02:08:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 02:05:18 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

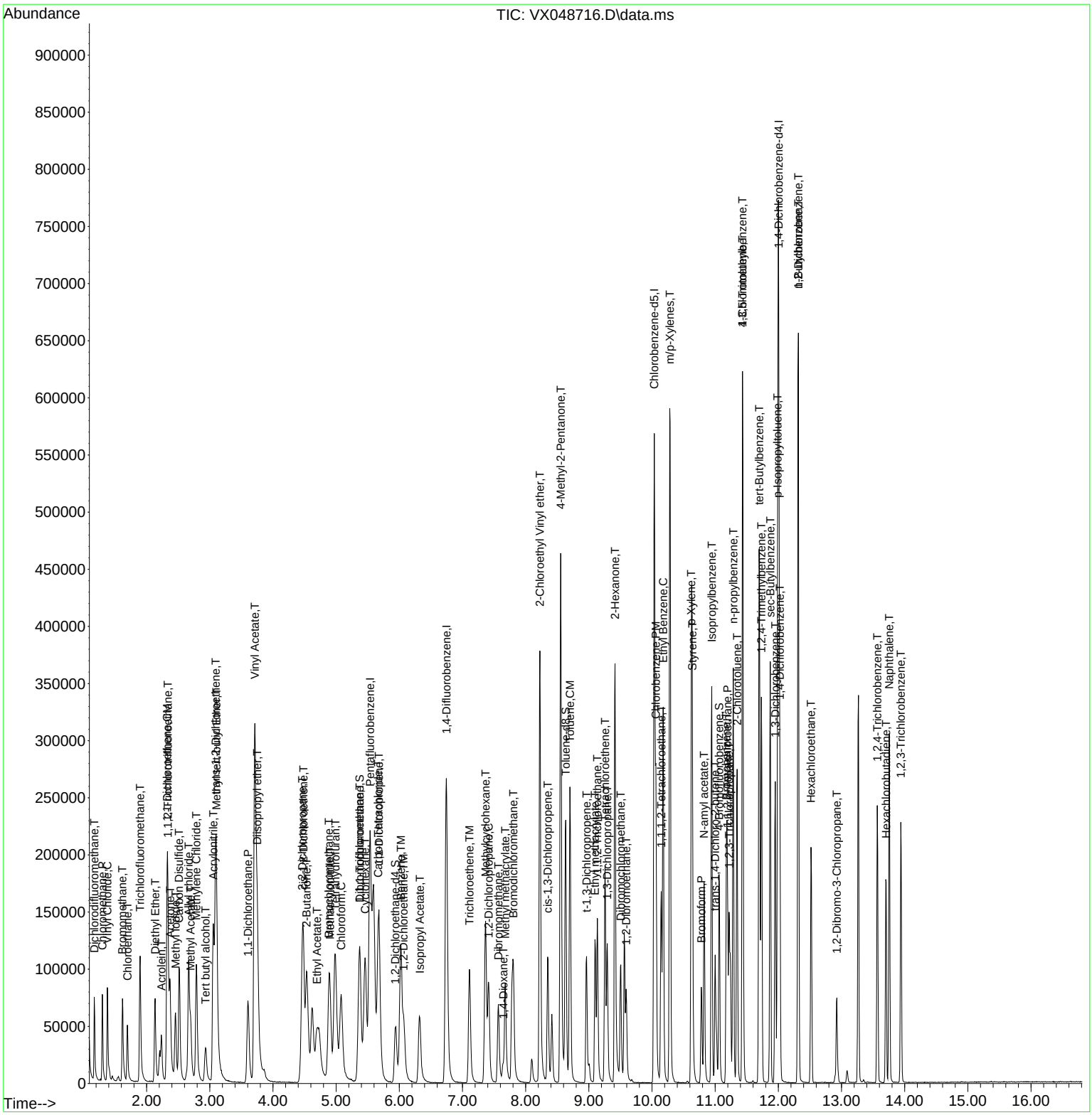
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120425\
Data File : VX048716.D
Acq On : 04 Dec 2025 09:36
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 05 02:08:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 02:05:18 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120425\
Data File : VX048717.D
Acq On : 04 Dec 2025 09:57
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025

Quant Time: Dec 05 02:09:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 02:05:18 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.538	168	186557	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	289095	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	279030	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	136461	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	107907	43.095	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 86.180%			
35) Dibromofluoromethane	5.373	113	96652	48.556	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.120%			
50) Toluene-d8	8.635	98	379431	54.380	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 108.760%			
62) 4-Bromofluorobenzene	11.061	95	132614	55.117	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.240%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	106688	56.128	ug/l	100
3) Chloromethane	1.301	50	120299	50.154	ug/l	100
4) Vinyl Chloride	1.380	62	132300	51.790	ug/l	100
5) Bromomethane	1.618	94	87152	55.207	ug/l	100
6) Chloroethane	1.697	64	79501	50.005	ug/l	100
7) Trichlorofluoromethane	1.898	101	192516	52.582	ug/l	100
8) Diethyl Ether	2.136	74	70921	48.532	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.337	101	111195	52.388	ug/l	100
10) Methyl Iodide	2.459	142	161441	53.427	ug/l	100
11) Tert butyl alcohol	2.934	59	107184	265.136	ug/l	100
12) 1,1-Dichloroethene	2.325	96	112110	51.751	ug/l	100
13) Acrolein	2.233	56	79940	212.073	ug/l	100
14) Allyl chloride	2.666	41	200567	55.145	ug/l	100
15) Acrylonitrile	3.056	53	342616	271.992	ug/l	100
16) Acetone	2.374	43	229958	239.900	ug/l	100
17) Carbon Disulfide	2.520	76	330819	52.586	ug/l	100
18) Methyl Acetate	2.697	43	145030	53.775	ug/l	100
19) Methyl tert-butyl Ether	3.105	73	372341	52.813	ug/l	100
20) Methylene Chloride	2.788	84	121277	50.618	ug/l	100
21) trans-1,2-Dichloroethene	3.093	96	116779	52.817	ug/l	100
22) Diisopropyl ether	3.751	45	292407	43.018	ug/l	100
23) Vinyl Acetate	3.715	43	1289003	225.685	ug/l	100
24) 1,1-Dichloroethane	3.605	63	169753	44.783	ug/l	100
25) 2-Butanone	4.538	43	314742	222.473	ug/l	100
26) 2,2-Dichloropropane	4.471	77	155016	46.219	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	117259	46.998	ug/l	100
28) Bromochloromethane	4.885	49	77742	41.844	ug/l	100
29) Tetrahydrofuran	4.983	42	231381	214.189	ug/l	100
30) Chloroform	5.080	83	182965	45.048	ug/l	100
31) Cyclohexane	5.464	56	148617	43.914	ug/l	100
32) 1,1,1-Trichloroethane	5.367	97	170109	46.744	ug/l	100
36) 1,1-Dichloropropene	5.684	75	126774	46.500	ug/l	100
37) Ethyl Acetate	4.696	43	156032	47.897	ug/l	100
38) Carbon Tetrachloride	5.666	117	152584	49.410	ug/l	100
39) Methylcyclohexane	7.367	83	185682	57.597	ug/l	100
40) Benzene	6.025	78	382480	47.325	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120425\
Data File : VX048717.D
Acq On : 04 Dec 2025 09:57
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025

Quant Time: Dec 05 02:09:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 02:05:18 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.904	41	70025	47.244	ug/l		100
42) 1,2-Dichloroethane	6.074	62	130710	45.694	ug/l		100
43) Isopropyl Acetate	6.324	43	218619	44.319	ug/l		100
44) Trichloroethene	7.111	130	106003	50.267	ug/l		100
45) 1,2-Dichloropropane	7.415	63	110713	54.808	ug/l		100
46) Dibromomethane	7.568	93	83655	54.610	ug/l		100
47) Bromodichloromethane	7.806	83	169698	53.133	ug/l		100
48) Methyl methacrylate	7.677	41	134523	54.212	ug/l		100
49) 1,4-Dioxane	7.641	88	36323	1064.346	ug/l		100
51) 4-Methyl-2-Pentanone	8.555	43	874869	285.735	ug/l		100
52) Toluene	8.702	92	278645	57.175	ug/l		100
53) t-1,3-Dichloropropene	8.964	75	173511	57.105	ug/l		100
54) cis-1,3-Dichloropropene	8.348	75	186114	56.995	ug/l		100
55) 1,1,2-Trichloroethane	9.135	97	109166	55.671	ug/l		100
56) Ethyl methacrylate	9.098	69	181275	59.060	ug/l		100
57) 1,3-Dichloropropane	9.293	76	181544	55.677	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.226	63	496729	299.430	ug/l		100
59) 2-Hexanone	9.415	43	639088	297.342	ug/l		100
60) Dibromochloromethane	9.506	129	135150	55.738	ug/l		100
61) 1,2-Dibromoethane	9.592	107	118684	55.922	ug/l		100
64) Tetrachloroethene	9.256	164	98419	48.390	ug/l		100
65) Chlorobenzene	10.061	112	303422	49.679	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.147	131	105994	48.520	ug/l		100
67) Ethyl Benzene	10.177	91	528248	53.003	ug/l		100
68) m/p-Xylenes	10.281	106	399998	103.033	ug/l		100
69) o-Xylene	10.622	106	189164	51.999	ug/l		100
70) Styrene	10.640	104	326481	52.277	ug/l		100
71) Bromoform	10.781	173	91650	46.993	ug/l	#	100
73) Isopropylbenzene	10.945	105	495714	53.906	ug/l		100
74) N-amyl acetate	10.823	43	237184	59.361	ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.195	83	160851	51.840	ug/l		100
76) 1,2,3-Trichloropropane	11.220	75	130756m	49.942	ug/l		
77) Bromobenzene	11.177	156	120915	49.264	ug/l		100
78) n-propylbenzene	11.287	91	587537	55.165	ug/l		100
79) 2-Chlorotoluene	11.348	91	343958	52.961	ug/l		100
80) 1,3,5-Trimethylbenzene	11.433	105	402294	53.222	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.000	75	56706	52.997	ug/l		100
82) 4-Chlorotoluene	11.433	91	407164	53.724	ug/l		100
83) tert-Butylbenzene	11.695	119	412891	52.570	ug/l		100
84) 1,2,4-Trimethylbenzene	11.732	105	407120	53.394	ug/l		100
85) sec-Butylbenzene	11.872	105	513956	53.995	ug/l		100
86) p-Isopropyltoluene	11.988	119	433944	53.334	ug/l		100
87) 1,3-Dichlorobenzene	11.951	146	224775	49.677	ug/l		100
88) 1,4-Dichlorobenzene	12.024	146	226733	48.491	ug/l		100
89) n-Butylbenzene	12.311	91	403752	53.000	ug/l		100
90) Hexachloroethane	12.518	117	81034	48.798	ug/l		100
91) 1,2-Dichlorobenzene	12.317	146	215818	49.198	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.920	75	36555	48.408	ug/l		100
93) 1,2,4-Trichlorobenzene	13.567	180	136083	46.970	ug/l		100
94) Hexachlorobutadiene	13.707	225	53860	44.943	ug/l		100
95) Naphthalene	13.756	128	428755	51.898	ug/l		100
96) 1,2,3-Trichlorobenzene	13.939	180	126875	47.485	ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120425\
Data File : VX048717.D
Acq On : 04 Dec 2025 09:57
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025

Quant Time: Dec 05 02:09:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 02:05:18 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

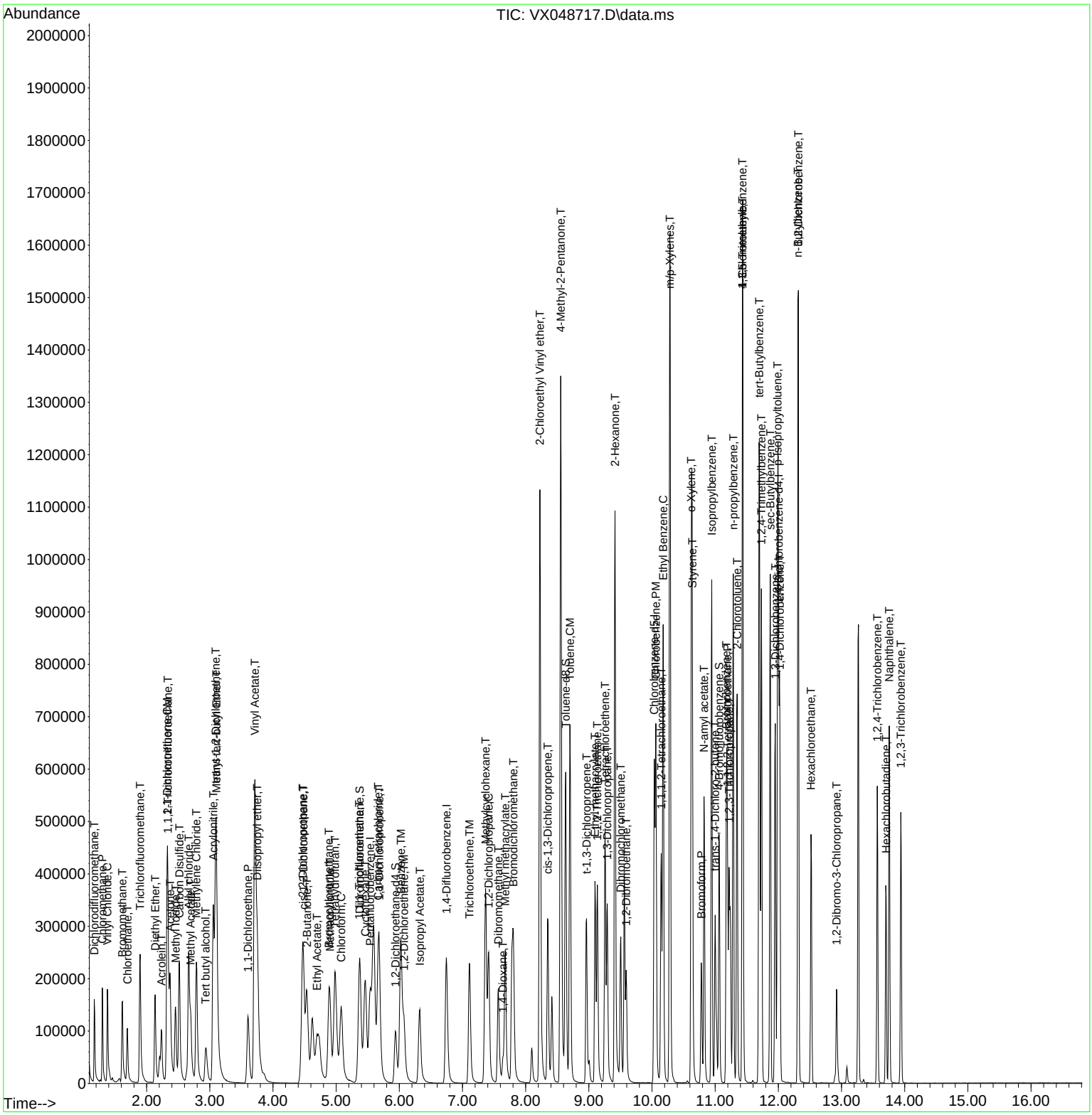
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120425\
Data File : VX048717.D
Acq On : 04 Dec 2025 09:57
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 05 02:09:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 02:05:18 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120425\
Data File : VX048718.D
Acq On : 04 Dec 2025 10:17
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 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025

Quant Time: Dec 05 02:09:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 02:05:18 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.537	168	149943	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	269490	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	222177	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	112983	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	236091	117.312	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 234.620%#			
35) Dibromofluoromethane	5.373	113	191311	103.102	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 206.200%#			
50) Toluene-d8	8.634	98	566679	87.124	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 174.240%#			
62) 4-Bromofluorobenzene	11.061	95	213976	95.403	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 190.800%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	148747	97.363	ug/l	98
3) Chloromethane	1.300	50	201139	104.333	ug/l	99
4) Vinyl Chloride	1.380	62	209791	102.178	ug/l	100
5) Bromomethane	1.611	94	132130	104.136	ug/l	100
6) Chloroethane	1.691	64	130144	101.847	ug/l	98
7) Trichlorofluoromethane	1.892	101	282037	95.844	ug/l	97
8) Diethyl Ether	2.136	74	130414	111.035	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.337	101	156439	91.702	ug/l	98
10) Methyl Iodide	2.459	142	286982	118.165	ug/l	100
11) Tert butyl alcohol	2.959	59	204928	630.705	ug/l	100
12) 1,1-Dichloroethene	2.325	96	175195	100.620	ug/l	96
13) Acrolein	2.233	56	175644	510.093	ug/l	99
14) Allyl chloride	2.666	41	351406	120.211	ug/l	99
15) Acrylonitrile	3.056	53	634692	626.899	ug/l	99
16) Acetone	2.373	43	428956	556.775	ug/l	98
17) Carbon Disulfide	2.514	76	519336	102.710	ug/l	99
18) Methyl Acetate	2.696	43	271853	125.412	ug/l	100
19) Methyl tert-butyl Ether	3.105	73	675620	119.231	ug/l	99
20) Methylene Chloride	2.788	84	215266	111.785	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	192558	108.358	ug/l	98
22) Diisopropyl ether	3.751	45	683700	125.144	ug/l	98
23) Vinyl Acetate	3.715	43	3105693	676.537	ug/l	98
24) 1,1-Dichloroethane	3.605	63	366722	120.371	ug/l	98
25) 2-Butanone	4.538	43	759593	668.021	ug/l	94
26) 2,2-Dichloropropane	4.471	77	298026	110.556	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	235515	117.446	ug/l	95
28) Bromochloromethane	4.885	49	183158	122.656	ug/l	86
29) Tetrahydrofuran	4.983	42	544146	626.716	ug/l	94
30) Chloroform	5.080	83	363457	111.339	ug/l	99
31) Cyclohexane	5.464	56	258069	94.876	ug/l	94
32) 1,1,1-Trichloroethane	5.373	97	303648	103.814	ug/l	96
36) 1,1-Dichloropropene	5.684	75	227212	89.403	ug/l	99
37) Ethyl Acetate	4.696	43	370775	122.096	ug/l	99
38) Carbon Tetrachloride	5.665	117	256702	89.173	ug/l	97
39) Methylcyclohexane	7.366	83	257594	85.717	ug/l	97
40) Benzene	6.025	78	755535	100.284	ug/l	98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120425\
Data File : VX048718.D
Acq On : 04 Dec 2025 10:17
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 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025

Quant Time: Dec 05 02:09:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 02:05:18 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	4.897	41	165473	119.761 ug/l	95
42) 1,2-Dichloroethane	6.074	62	282907	106.094 ug/l	97
43) Isopropyl Acetate	6.324	43	522170	113.557 ug/l	96
44) Trichloroethene	7.110	130	186139	94.688 ug/l	94
45) 1,2-Dichloropropane	7.415	63	193808	102.923 ug/l	99
46) Dibromomethane	7.568	93	147078	102.996 ug/l	98
47) Bromodichloromethane	7.805	83	299209	100.499 ug/l	98
48) Methyl methacrylate	7.677	41	258497	111.752 ug/l	97
49) 1,4-Dioxane	7.647	88	71374	2243.567 ug/l	97
51) 4-Methyl-2-Pentanone	8.555	43	1239027	434.110 ug/l	97
52) Toluene	8.701	92	404813	89.105 ug/l	99
53) t-1,3-Dichloropropene	8.964	75	266630	94.136 ug/l	98
54) cis-1,3-Dichloropropene	8.348	75	282606	92.840 ug/l	96
55) 1,1,2-Trichloroethane	9.134	97	167036	91.380 ug/l	99
56) Ethyl methacrylate	9.098	69	280412	98.006 ug/l	95
57) 1,3-Dichloropropane	9.293	76	276473	90.960 ug/l	99
58) 2-Chloroethyl Vinyl ether	8.226	63	691132	446.925 ug/l	97
59) 2-Hexanone	9.415	43	920873	459.615 ug/l	96
60) Dibromochloromethane	9.506	129	215867	95.503 ug/l	100
61) 1,2-Dibromoethane	9.592	107	185040	93.531 ug/l	99
64) Tetrachloroethene	9.256	164	139923	86.401 ug/l	97
65) Chlorobenzene	10.061	112	463830	95.375 ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.146	131	169651	97.532 ug/l	100
67) Ethyl Benzene	10.177	91	756382	95.314 ug/l	100
68) m/p-Xylenes	10.287	106	589829	190.807 ug/l	96
69) o-Xylene	10.622	106	290379	100.247 ug/l	97
70) Styrene	10.640	104	503937	101.341 ug/l	99
71) Bromoform	10.780	173	165495	106.570 ug/l	100
73) Isopropylbenzene	10.945	105	712828	93.624 ug/l	100
74) N-amyl acetate	10.829	43	336967	101.859 ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.195	83	250299	97.430 ug/l	99
76) 1,2,3-Trichloropropane	11.219	75	200074m	92.297 ug/l	
77) Bromobenzene	11.183	156	204596	100.679 ug/l	92
78) n-propylbenzene	11.286	91	809506	91.800 ug/l	98
79) 2-Chlorotoluene	11.347	91	510695	94.975 ug/l	98
80) 1,3,5-Trimethylbenzene	11.433	105	595416	95.139 ug/l	100
81) trans-1,4-Dichloro-2-b...	11.000	75	93932	106.031 ug/l	90
82) 4-Chlorotoluene	11.433	91	602673	96.045 ug/l	98
83) tert-Butylbenzene	11.695	119	619946	95.335 ug/l	96
84) 1,2,4-Trimethylbenzene	11.731	105	613436	97.170 ug/l	99
85) sec-Butylbenzene	11.872	105	714356	90.644 ug/l	98
86) p-Isopropyltoluene	11.987	119	629447	93.439 ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	364260	97.233 ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	370371	95.671 ug/l	99
89) n-Butylbenzene	12.311	91	555297	88.041 ug/l	99
90) Hexachloroethane	12.518	117	121649	88.478 ug/l	94
91) 1,2-Dichlorobenzene	12.317	146	351927	96.897 ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.920	75	59671	95.439 ug/l	90
93) 1,2,4-Trichlorobenzene	13.566	180	240057	100.075 ug/l	99
94) Hexachlorobutadiene	13.707	225	88160	88.851 ug/l	96
95) Naphthalene	13.755	128	790203	97.658 ug/l	100
96) 1,2,3-Trichlorobenzene	13.938	180	226988	102.608 ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120425\
Data File : VX048718.D
Acq On : 04 Dec 2025 10:17
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 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025

Quant Time: Dec 05 02:09:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 02:05:18 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

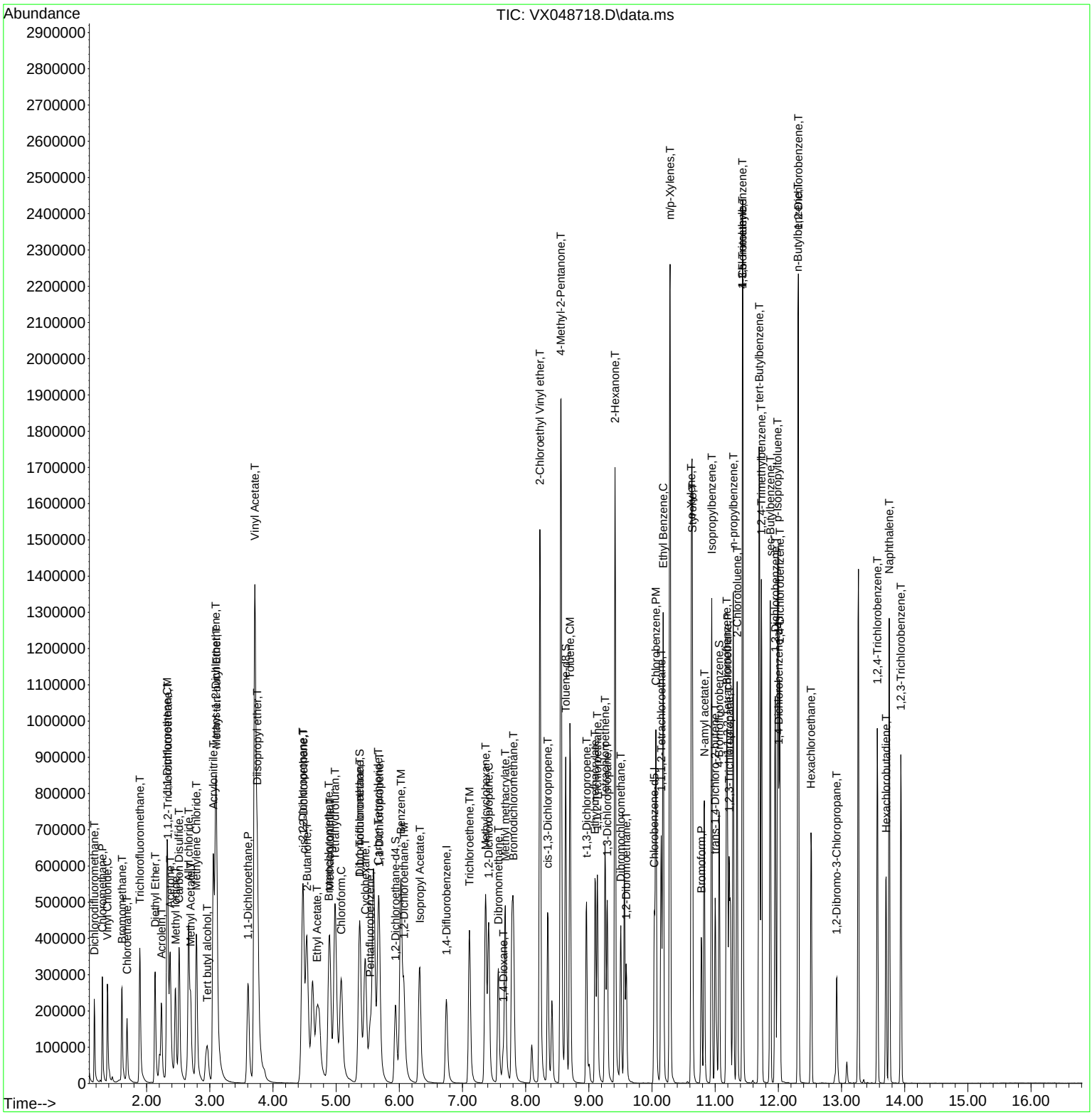
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120425\
Data File : VX048718.D
Acq On : 04 Dec 2025 10:17
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 05 02:09:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 02:05:18 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120425\
Data File : VX048719.D
Acq On : 04 Dec 2025 10:38
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 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025

Quant Time: Dec 05 02:10:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 02:05:18 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	161225	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	266084	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	202872	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	103615	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	336173	155.353	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 310.700%#			
35) Dibromofluoromethane	5.373	113	284768	155.433	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 310.860%#			
50) Toluene-d8	8.635	98	980276	152.642	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 305.280%#			
62) 4-Bromofluorobenzene	11.061	95	311931	140.857	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 281.720%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	260977	158.870	ug/l	99
3) Chloromethane	1.301	50	321280	154.990	ug/l	99
4) Vinyl Chloride	1.380	62	340742	154.345	ug/l	99
5) Bromomethane	1.605	94	163576	119.898	ug/l	100
6) Chloroethane	1.685	64	203254	147.930	ug/l	98
7) Trichlorofluoromethane	1.892	101	488765	154.472	ug/l	97
8) Diethyl Ether	2.136	74	189537	150.080	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.337	101	282907	154.231	ug/l	99
10) Methyl Iodide	2.453	142	431805	165.355	ug/l	100
11) Tert butyl alcohol	2.977	59	236315	676.410	ug/l	100
12) 1,1-Dichloroethene	2.325	96	289225	154.488	ug/l	97
13) Acrolein	2.233	56	287608	755.796	ug/l	99
14) Allyl chloride	2.666	41	386590	122.993	ug/l	96
15) Acrylonitrile	3.056	53	695550	638.935	ug/l	99
16) Acetone	2.373	43	617325	745.203	ug/l	99
17) Carbon Disulfide	2.514	76	813894	149.701	ug/l	99
18) Methyl Acetate	2.697	43	290410	124.598	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	820601	134.683	ug/l	97
20) Methylene Chloride	2.788	84	258488	124.837	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	253511	132.675	ug/l	93
22) Diisopropyl ether	3.751	45	760942	129.535	ug/l	98
23) Vinyl Acetate	3.715	43	3401948	689.215	ug/l	100
24) 1,1-Dichloroethane	3.605	63	441859	134.884	ug/l	99
25) 2-Butanone	4.544	43	831570	680.145	ug/l	100
26) 2,2-Dichloropropane	4.471	77	405592	139.930	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	304797	141.360	ug/l	100
28) Bromochloromethane	4.891	49	233635	145.511	ug/l	95
29) Tetrahydrofuran	4.983	42	740891	793.604	ug/l	96
30) Chloroform	5.080	83	542284	154.495	ug/l	99
31) Cyclohexane	5.464	56	457324	156.365	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	494982	157.387	ug/l	98
36) 1,1-Dichloropropene	5.684	75	374749	149.343	ug/l	99
37) Ethyl Acetate	4.696	43	374331	124.844	ug/l	97
38) Carbon Tetrachloride	5.666	117	429152	150.987	ug/l	97
39) Methylcyclohexane	7.367	83	475877	160.380	ug/l	99
40) Benzene	6.025	78	1152810	154.974	ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120425\
Data File : VX048719.D
Acq On : 04 Dec 2025 10:38
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 05 02:10:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 02:05:18 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	4.910	41	210934	154.617 ug/l	99
42) 1,2-Dichloroethane	6.074	62	400347	152.058 ug/l	98
43) Isopropyl Acetate	6.324	43	726750	160.070 ug/l	99
44) Trichloroethene	7.110	130	308803	159.098 ug/l	99
45) 1,2-Dichloropropane	7.415	63	287426	154.593 ug/l	99
46) Dibromomethane	7.568	93	216552	153.589 ug/l	98
47) Bromodichloromethane	7.805	83	440047	149.695 ug/l	97
48) Methyl methacrylate	7.677	41	361697	158.368 ug/l	99
49) 1,4-Dioxane	7.653	88	102268	3255.837 ug/l	96
51) 4-Methyl-2-Pentanone	8.561	43	2202246	781.463 ug/l	99
52) Toluene	8.702	92	709062	158.073 ug/l	100
53) t-1,3-Dichloropropene	8.964	75	463456	165.721 ug/l	100
54) cis-1,3-Dichloropropene	8.354	75	489309	162.802 ug/l	96
55) 1,1,2-Trichloroethane	9.134	97	277366	153.680 ug/l	98
56) Ethyl methacrylate	9.104	69	481264	170.358 ug/l	97
57) 1,3-Dichloropropane	9.293	76	462553	154.128 ug/l	100
58) 2-Chloroethyl Vinyl ether	8.232	63	1324521	867.473 ug/l	99
59) 2-Hexanone	9.415	43	1628603	823.253 ug/l	99
60) Dibromochloromethane	9.506	129	344385	154.312 ug/l	99
61) 1,2-Dibromoethane	9.592	107	296681	151.881 ug/l	99
64) Tetrachloroethene	9.256	164	249690	168.852 ug/l	99
65) Chlorobenzene	10.061	112	677420	152.550 ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.147	131	249387	157.014 ug/l	99
67) Ethyl Benzene	10.177	91	1156627	159.619 ug/l	99
68) m/p-Xylenes	10.287	106	895563	317.279 ug/l	97
69) o-Xylene	10.622	106	433369	163.848 ug/l	97
70) Styrene	10.640	104	744510	163.967 ug/l	99
71) Bromoform	10.781	173	240629	169.697 ug/l	100
73) Isopropylbenzene	10.945	105	1114762	159.651 ug/l	100
74) N-amyl acetate	10.829	43	488735	161.092 ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.195	83	363135	154.132 ug/l	99
76) 1,2,3-Trichloropropane	11.226	75	281629m	141.666 ug/l	
77) Bromobenzene	11.183	156	299915	160.928 ug/l	95
78) n-propylbenzene	11.287	91	1284705	158.861 ug/l	98
79) 2-Chlorotoluene	11.348	91	774892	157.137 ug/l	98
80) 1,3,5-Trimethylbenzene	11.433	105	925692	161.286 ug/l	100
81) trans-1,4-Dichloro-2-b...	11.000	75	138844	170.898 ug/l	86
82) 4-Chlorotoluene	11.439	91	912659	158.596 ug/l	98
83) tert-Butylbenzene	11.695	119	977059	163.836 ug/l	97
84) 1,2,4-Trimethylbenzene	11.732	105	944577	163.151 ug/l	99
85) sec-Butylbenzene	11.872	105	1158976	160.357 ug/l	98
86) p-Isopropyltoluene	11.994	119	1005907	162.823 ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	545971	158.914 ug/l	100
88) 1,4-Dichlorobenzene	12.024	146	551782	155.418 ug/l	98
89) n-Butylbenzene	12.317	91	904369	156.349 ug/l	99
90) Hexachloroethane	12.518	117	223207	177.022 ug/l	100
91) 1,2-Dichlorobenzene	12.317	146	522301	156.808 ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	103188	179.963 ug/l	96
93) 1,2,4-Trichlorobenzene	13.567	180	402548	182.988 ug/l	98
94) Hexachlorobutadiene	13.707	225	143127	157.291 ug/l	98
95) Naphthalene	13.756	128	1330400	150.662 ug/l	100
96) 1,2,3-Trichlorobenzene	13.938	180	373809	184.254 ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120425\
Data File : VX048719.D
Acq On : 04 Dec 2025 10:38
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 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025

Quant Time: Dec 05 02:10:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 02:05:18 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

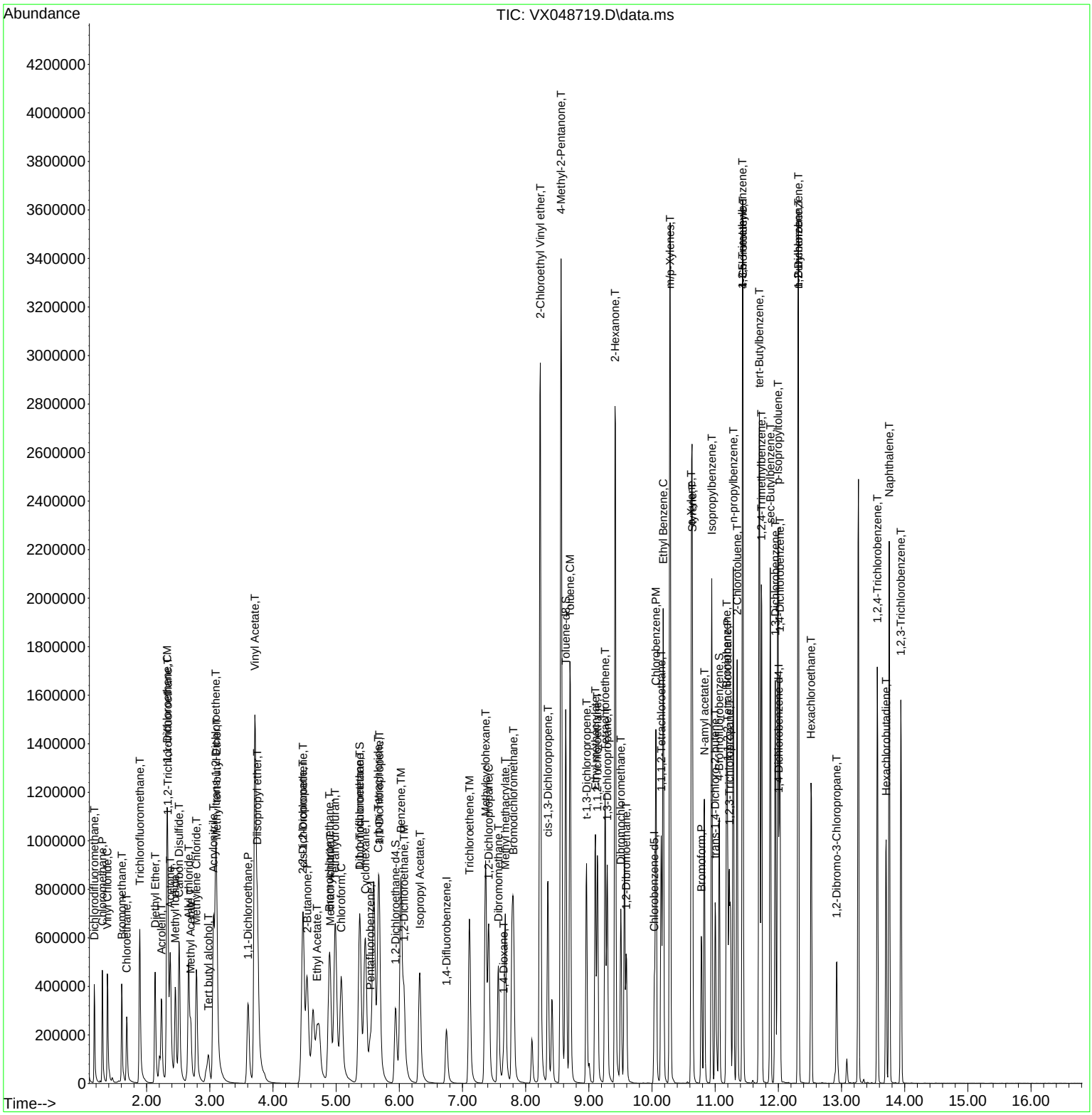
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120425\
Data File : VX048719.D
Acq On : 04 Dec 2025 10:38
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 05 02:10:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 02:05:18 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120425\
Data File : VX048721.D
Acq On : 04 Dec 2025 14:04
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX120425

Manual Integrations APPROVED

Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025

Quant Time: Dec 05 03:31:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 03:27:34 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.537	168	184967	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	310263	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	253965	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.000	152	132465	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	134442	54.154	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.300%			
35) Dibromofluoromethane	5.373	113	106728	49.960	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.920%			
50) Toluene-d8	8.634	98	333564	44.544	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 89.080%#			
62) 4-Bromofluorobenzene	11.061	95	128866	49.905	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.820%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	110698	58.738	ug/l	98
3) Chloromethane	1.300	50	116116	48.826	ug/l	99
4) Vinyl Chloride	1.380	62	122990	48.559	ug/l	99
5) Bromomethane	1.611	94	85918	54.893	ug/l	100
6) Chloroethane	1.697	64	76727	48.675	ug/l	98
7) Trichlorofluoromethane	1.898	101	177151	48.801	ug/l	96
8) Diethyl Ether	2.136	74	69765	48.151	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.337	101	96207	45.717	ug/l	96
10) Methyl Iodide	2.459	142	150980	50.395	ug/l	99
11) Tert butyl alcohol	2.940	59	100301	250.243	ug/l	99
12) 1,1-Dichloroethene	2.325	96	100196	46.649	ug/l	93
13) Acrolein	2.233	56	88451	232.010	ug/l	99
14) Allyl chloride	2.666	41	153518	42.572	ug/l	98
15) Acrylonitrile	3.056	53	283115	226.688	ug/l	98
16) Acetone	2.373	43	194390	204.537	ug/l	98
17) Carbon Disulfide	2.520	76	256217	41.077	ug/l	100
18) Methyl Acetate	2.696	43	118728	44.401	ug/l	99
19) Methyl tert-butyl Ether	3.105	73	318949	45.629	ug/l	98
20) Methylene Chloride	2.788	84	113128	47.622	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	97130	44.308	ug/l	95
22) Diisopropyl ether	3.751	45	340522	50.527	ug/l	99
23) Vinyl Acetate	3.715	43	1563197	276.044	ug/l	98
24) 1,1-Dichloroethane	3.605	63	198478	52.811	ug/l	99
25) 2-Butanone	4.538	43	342340	244.061	ug/l	99
26) 2,2-Dichloropropane	4.471	77	152491	45.857	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	118820	48.033	ug/l	99
28) Bromochloromethane	4.885	49	82967	45.040	ug/l	97
29) Tetrahydrofuran	4.983	42	297621	277.876	ug/l	95
30) Chloroform	5.086	83	209644	52.061	ug/l	99
31) Cyclohexane	5.464	56	164989	49.171	ug/l	95
32) 1,1,1-Trichloroethane	5.373	97	180664	50.071	ug/l	97
36) 1,1-Dichloropropene	5.684	75	138860	47.458	ug/l	99
37) Ethyl Acetate	4.696	43	161815	46.283	ug/l	98
38) Carbon Tetrachloride	5.665	117	156330	47.169	ug/l	98
39) Methylcyclohexane	7.366	83	146837	42.440	ug/l	99
40) Benzene	6.025	78	436935	50.374	ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120425\
Data File : VX048721.D
Acq On : 04 Dec 2025 14:04
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX120425

Manual Integrations APPROVED

Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025

Quant Time: Dec 05 03:31:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 03:27:34 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.903	41	77315	48.603	ug/l		98
42) 1,2-Dichloroethane	6.074	62	156709	51.045	ug/l		97
43) Isopropyl Acetate	6.324	43	284443	53.729	ug/l		97
44) Trichloroethene	7.110	130	102412	45.250	ug/l		94
45) 1,2-Dichloropropane	7.415	63	93080	42.935	ug/l		99
46) Dibromomethane	7.568	93	71939	43.757	ug/l		95
47) Bromodichloromethane	7.805	83	147055	42.902	ug/l		99
48) Methyl methacrylate	7.677	41	112824	42.366	ug/l		96
49) 1,4-Dioxane	7.647	88	36105	985.778	ug/l		93
51) 4-Methyl-2-Pentanone	8.555	43	724550	220.496	ug/l		97
52) Toluene	8.702	92	241004	46.077	ug/l		100
53) t-1,3-Dichloropropene	8.964	75	151680	46.514	ug/l		99
54) cis-1,3-Dichloropropene	8.354	75	160155	45.699	ug/l		93
55) 1,1,2-Trichloroethane	9.134	97	96409	45.811	ug/l		99
56) Ethyl methacrylate	9.098	69	158928	48.247	ug/l		94
57) 1,3-Dichloropropane	9.293	76	158926	45.415	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.226	63	431918	242.598	ug/l		98
59) 2-Hexanone	9.415	43	548159	237.637	ug/l		97
60) Dibromochloromethane	9.506	129	123372	47.409	ug/l		100
61) 1,2-Dibromoethane	9.592	107	104948	46.076	ug/l		99
64) Tetrachloroethene	9.256	164	84359	45.571	ug/l		98
65) Chlorobenzene	10.061	112	268428	48.287	ug/l		97
66) 1,1,1,2-Tetrachloroethane	10.146	131	98651	49.615	ug/l		97
67) Ethyl Benzene	10.177	91	454183	50.069	ug/l		99
68) m/p-Xylenes	10.287	106	364130	103.051	ug/l		98
69) o-Xylene	10.622	106	170785	51.580	ug/l		97
70) Styrene	10.640	104	292377	51.437	ug/l		99
71) Bromoform	10.780	173	91220	51.388	ug/l	#	99
73) Isopropylbenzene	10.945	105	477424	53.483	ug/l		99
74) N-amyl acetate	10.823	43	228431	58.895	ug/l		98
75) 1,1,2,2-Tetrachloroethane	11.195	83	160485	53.282	ug/l		100
76) 1,2,3-Trichloropropane	11.219	75	131988m	53.497	ug/l		
77) Bromobenzene	11.177	156	119980	50.357	ug/l		98
78) n-propylbenzene	11.286	91	542000	52.425	ug/l		100
79) 2-Chlorotoluene	11.347	91	324683	51.501	ug/l		99
80) 1,3,5-Trimethylbenzene	11.433	105	380771	51.894	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.000	75	55921	53.840	ug/l		96
82) 4-Chlorotoluene	11.433	91	386271	52.505	ug/l		100
83) tert-Butylbenzene	11.695	119	382261	50.138	ug/l		99
84) 1,2,4-Trimethylbenzene	11.731	105	381863	51.592	ug/l		99
85) sec-Butylbenzene	11.872	105	467593	50.606	ug/l		99
86) p-Isopropyltoluene	11.988	119	397475	50.326	ug/l		99
87) 1,3-Dichlorobenzene	11.951	146	215432	49.048	ug/l		99
88) 1,4-Dichlorobenzene	12.024	146	216879	47.783	ug/l		99
89) n-Butylbenzene	12.311	91	375250	50.745	ug/l		99
90) Hexachloroethane	12.518	117	75643	46.926	ug/l		97
91) 1,2-Dichlorobenzene	12.317	146	204807	48.097	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.920	75	37176	50.715	ug/l		95
93) 1,2,4-Trichlorobenzene	13.567	180	132170	46.996	ug/l		99
94) Hexachlorobutadiene	13.707	225	52466	45.101	ug/l		95
95) Naphthalene	13.755	128	452299	55.628	ug/l		100
96) 1,2,3-Trichlorobenzene	13.938	180	128090	49.386	ug/l		98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120425\
Data File : VX048721.D
Acq On : 04 Dec 2025 14:04
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX120425

Manual Integrations APPROVED

Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025

Quant Time: Dec 05 03:31:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 03:27:34 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

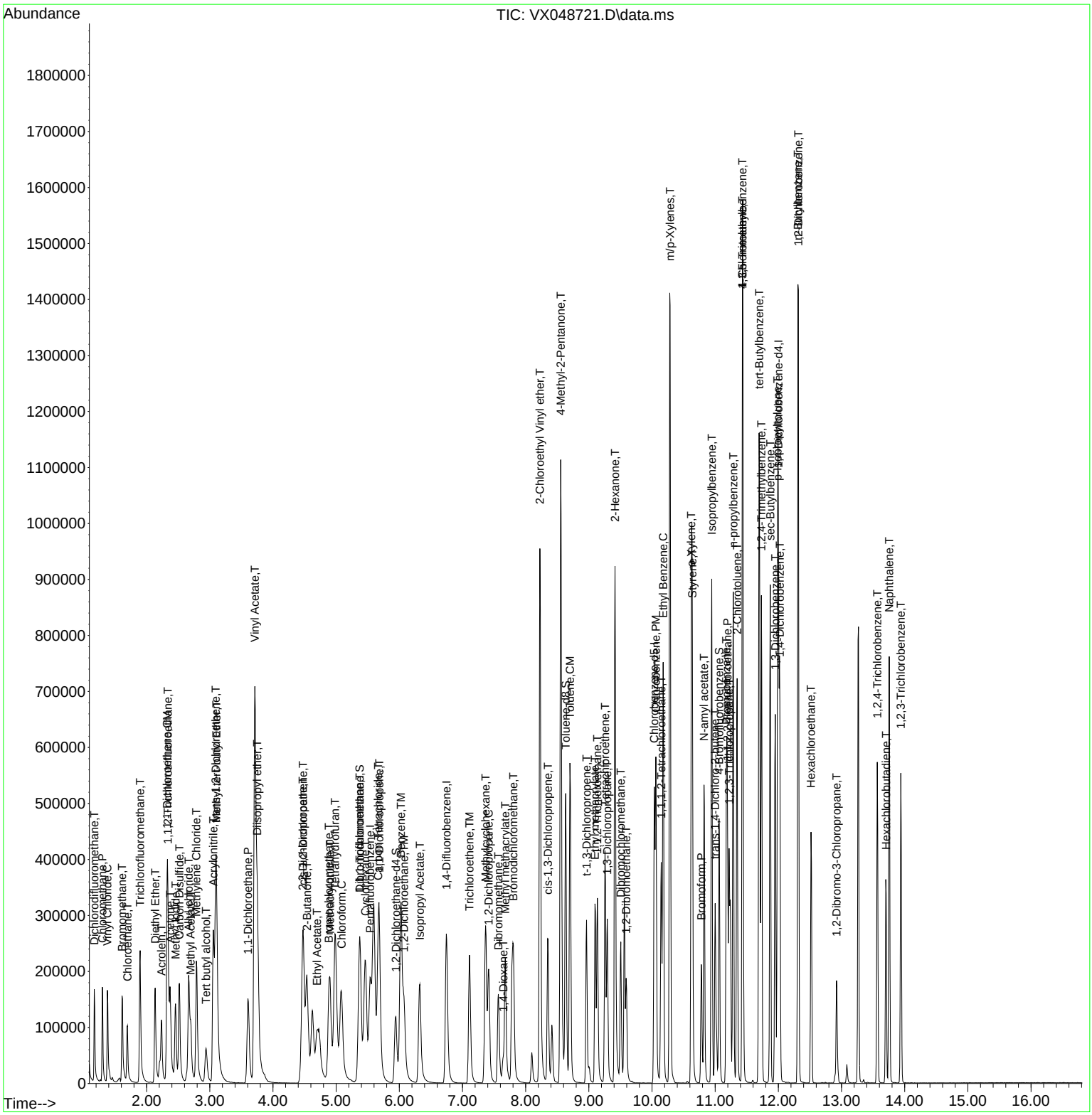
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120425\
Data File : VX048721.D
Acq On : 04 Dec 2025 14:04
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Dec 05 03:31:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 03:27:34 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
ICVVX120425

Manual Integrations APPROVED

Reviewed By :John Carlone 12/05/2025
Supervised By :Semsettin Yesilyurt 12/05/2025



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120425\
Data File : VX048721.D
Acq On : 04 Dec 2025 14:04
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX120425

Quant Time: Dec 05 03:31:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 03:27:34 2025
Response via : Initial Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	1.000	1.000	0.0	99	0.00
2	T	Dichlorodifluoromethane	0.509	0.598	-17.5	104	0.00
3	P	Chloromethane	0.643	0.628	2.3	97	0.00
4	C	Vinyl Chloride	0.685	0.665	2.9#	93	0.00
5	T	Bromomethane	0.423	0.465	-9.9	99	0.00
6	T	Chloroethane	0.426	0.415	2.6	97	0.00
7	T	Trichlorofluoromethane	0.981	0.958	2.3	92	0.00
8	T	Diethyl Ether	0.392	0.377	3.8	98	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.569	0.520	8.6	87	0.00
10	T	Methyl Iodide	0.810	0.816	-0.7	94	0.00
11	T	Tert butyl alcohol	0.108	0.108	0.0	94	0.00
12	CM	1,1-Dichloroethene	0.581	0.542	6.7#	89	0.00
13	T	Acrolein	0.091	0.096	-5.5	111	0.00
14	T	Allyl chloride	0.975	0.830	14.9	77	0.00
15	T	Acrylonitrile	0.338	0.306	9.5	83	0.00
16	T	Acetone	0.257	0.210	18.3	85	0.00
17	T	Carbon Disulfide	1.686	1.385	17.9	77	0.00
18	T	Methyl Acetate	0.723	0.642	11.2	82	0.00
19	T	Methyl tert-butyl Ether	1.890	1.724	8.8	86	0.00
20	T	Methylene Chloride	0.642	0.612	4.7	93	0.00
21	T	trans-1,2-Dichloroethene	0.593	0.525	11.5	83	0.00
22	T	Diisopropyl ether	1.822	1.841	-1.0	116	0.00
23	T	Vinyl Acetate	1.531	1.690	-10.4	121	0.00
24	P	1,1-Dichloroethane	1.016	1.073	-5.6	117	0.00
25	T	2-Butanone	0.379	0.370	2.4	109	0.00
26	T	2,2-Dichloropropane	0.899	0.824	8.3	98	0.00
27	T	cis-1,2-Dichloroethene	0.669	0.642	4.0	101	0.00
28	T	Bromochloromethane	0.498	0.449	9.8	107	0.00
29	T	Tetrahydrofuran	0.290	0.322	-11.0	129	0.00
30	C	Chloroform	1.089	1.133	-4.0#	115	0.00
31	T	Cyclohexane	0.907	0.892	1.7	111	0.00
32	T	1,1,1-Trichloroethane	0.975	0.977	-0.2	106	0.00
33	S	1,2-Dichloroethane-d4	0.671	0.727	-8.3	125	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	107	0.00
35	S	Dibromofluoromethane	0.344	0.344	0.0	110	0.00
36	T	1,1-Dichloropropene	0.472	0.448	5.1	110	0.00
37	T	Ethyl Acetate	0.563	0.522	7.3	104	0.00
38	T	Carbon Tetrachloride	0.534	0.504	5.6	102	0.00
39	T	Methylcyclohexane	0.558	0.473	15.2	79	0.00
40	TM	Benzene	1.398	1.408	-0.7	114	0.00
41	T	Methacrylonitrile	0.256	0.249	2.7	110	0.00
42	TM	1,2-Dichloroethane	0.495	0.505	-2.0	120	0.00
43	T	Isopropyl Acetate	0.853	0.917	-7.5	130	0.00
44	TM	Trichloroethene	0.365	0.330	9.6	97	0.00
45	C	1,2-Dichloropropane	0.349	0.300	14.0#	84	0.00
46	T	Dibromomethane	0.265	0.232	12.5	86	0.00
47	T	Bromodichloromethane	0.552	0.474	14.1	87	0.00
48	T	Methyl methacrylate	0.429	0.364	15.2	84	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120425\
Data File : VX048721.D
Acq On : 04 Dec 2025 14:04
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX120425

Quant Time: Dec 05 03:31:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 03:27:34 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	0.006	0.006	0.0	99	0.00
50	S	Toluene-d8	1.207	1.075	10.9	88	0.00
51	T	4-Methyl-2-Pentanone	0.530	0.467	11.9	83	0.00
52	CM	Toluene	0.843	0.777	7.8#	86	0.00
53	T	t-1,3-Dichloropropene	0.526	0.489	7.0	87	0.00
54	T	cis-1,3-Dichloropropene	0.565	0.516	8.7	86	0.00
55	T	1,1,2-Trichloroethane	0.339	0.311	8.3	88	0.00
56	T	Ethyl methacrylate	0.531	0.512	3.6	88	0.00
57	T	1,3-Dichloropropane	0.564	0.512	9.2	88	0.00
58	T	2-Chloroethyl Vinyl ether	0.287	0.278	3.1	87	0.00
59	T	2-Hexanone	0.372	0.353	5.1	86	0.00
60	T	Dibromochloromethane	0.419	0.398	5.0	91	0.00
61	T	1,2-Dibromoethane	0.367	0.338	7.9	88	0.00
62	S	4-Bromofluorobenzene	0.416	0.415	0.2	97	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	91	0.00
64	T	Tetrachloroethene	0.364	0.332	8.8	86	0.00
65	PM	Chlorobenzene	1.094	1.057	3.4	88	0.00
66	T	1,1,1,2-Tetrachloroethane	0.391	0.388	0.8	93	0.00
67	C	Ethyl Benzene	1.786	1.788	-0.1#	86	0.00
68	T	m/p-Xylenes	0.696	0.717	-3.0	91	0.00
69	T	o-Xylene	0.652	0.672	-3.1	90	0.00
70	T	Styrene	1.119	1.151	-2.9	90	0.00
71	P	Bromoform	0.349	0.359	-2.9	100	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	97	0.00
73	T	Isopropylbenzene	3.369	3.604	-7.0	96	0.00
74	T	N-amyl acetate	1.464	1.724	-17.8	96	0.00
75	P	1,1,2,2-Tetrachloroethane	1.137	1.212	-6.6	100	0.00
76	T	1,2,3-Trichloropropane	0.931	0.996	-7.0	101	0.00
77	T	Bromobenzene	0.899	0.906	-0.8	99	0.00
78	T	n-propylbenzene	3.902	4.092	-4.9	92	0.00
79	T	2-Chlorotoluene	2.380	2.451	-3.0	94	0.00
80	T	1,3,5-Trimethylbenzene	2.770	2.875	-3.8	95	0.00
81	T	trans-1,4-Dichloro-2-butene	0.392	0.422	-7.7	99	0.00
82	T	4-Chlorotoluene	2.777	2.916	-5.0	95	0.00
83	T	tert-Butylbenzene	2.878	2.886	-0.3	93	0.00
84	T	1,2,4-Trimethylbenzene	2.794	2.883	-3.2	94	0.00
85	T	sec-Butylbenzene	3.488	3.530	-1.2	91	0.00
86	T	p-Isopropyltoluene	2.981	3.001	-0.7	92	0.00
87	T	1,3-Dichlorobenzene	1.658	1.626	1.9	96	0.00
88	T	1,4-Dichlorobenzene	1.713	1.637	4.4	96	0.00
89	T	n-Butylbenzene	2.791	2.833	-1.5	93	0.00
90	T	Hexachloroethane	0.608	0.571	6.1	93	0.00
91	T	1,2-Dichlorobenzene	1.607	1.546	3.8	95	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.277	0.281	-1.4	102	0.00
93	T	1,2,4-Trichlorobenzene	1.062	0.998	6.0	97	0.00
94	T	Hexachlorobutadiene	0.439	0.396	9.8	97	0.00
95	T	Naphthalene	3.187	3.414	-7.1	105	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120425\
Data File : VX048721.D
Acq On : 04 Dec 2025 14:04
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX120425

Quant Time: Dec 05 03:31:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 03:27:34 2025
Response via : Initial Calibration

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.979	0.967	1.2	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\VX120425\
Data File : VX048721.D
Acq On : 04 Dec 2025 14:04
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX120425

Quant Time: Dec 05 03:31:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 03:27:34 2025
Response via : Initial Calibration

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

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	50.000	50.000	0.0	99	0.00
2	T	Dichlorodifluoromethane	50.000	58.738	-17.5	104	0.00
3	P	Chloromethane	50.000	48.826	2.3	97	0.00
4	C	Vinyl Chloride	50.000	48.559	2.9#	93	0.00
5	T	Bromomethane	50.000	54.893	-9.8	99	0.00
6	T	Chloroethane	50.000	48.675	2.7	97	0.00
7	T	Trichlorofluoromethane	50.000	48.801	2.4	92	0.00
8	T	Diethyl Ether	50.000	48.151	3.7	98	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	45.717	8.6	87	0.00
10	T	Methyl Iodide	50.000	50.395	-0.8	94	0.00
11	T	Tert butyl alcohol	250.000	250.243	-0.1	94	0.00
12	CM	1,1-Dichloroethene	50.000	46.649	6.7#	89	0.00
13	T	Acrolein	250.000	232.010	7.2	111	0.00
14	T	Allyl chloride	50.000	42.572	14.9	77	0.00
15	T	Acrylonitrile	250.000	226.688	9.3	83	0.00
16	T	Acetone	250.000	204.537	18.2	85	0.00
17	T	Carbon Disulfide	50.000	41.077	17.8	77	0.00
18	T	Methyl Acetate	50.000	44.401	11.2	82	0.00
19	T	Methyl tert-butyl Ether	50.000	45.629	8.7	86	0.00
20	T	Methylene Chloride	50.000	47.622	4.8	93	0.00
21	T	trans-1,2-Dichloroethene	50.000	44.308	11.4	83	0.00
22	T	Diisopropyl ether	50.000	50.527	-1.1	116	0.00
23	T	Vinyl Acetate	250.000	276.044	-10.4	121	0.00
24	P	1,1-Dichloroethane	50.000	52.811	-5.6	117	0.00
25	T	2-Butanone	250.000	244.061	2.4	109	0.00
26	T	2,2-Dichloropropane	50.000	45.857	8.3	98	0.00
27	T	cis-1,2-Dichloroethene	50.000	48.033	3.9	101	0.00
28	T	Bromochloromethane	50.000	45.040	9.9	107	0.00
29	T	Tetrahydrofuran	250.000	277.876	-11.2	129	0.00
30	C	Chloroform	50.000	52.061	-4.1#	115	0.00
31	T	Cyclohexane	50.000	49.171	1.7	111	0.00
32	T	1,1,1-Trichloroethane	50.000	50.071	-0.1	106	0.00
33	S	1,2-Dichloroethane-d4	50.000	54.154	-8.3	125	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	107	0.00
35	S	Dibromofluoromethane	50.000	49.960	0.1	110	0.00
36	T	1,1-Dichloropropene	50.000	47.458	5.1	110	0.00
37	T	Ethyl Acetate	50.000	46.283	7.4	104	0.00
38	T	Carbon Tetrachloride	50.000	47.169	5.7	102	0.00
39	T	Methylcyclohexane	50.000	42.440	15.1	79	0.00
40	TM	Benzene	50.000	50.374	-0.7	114	0.00
41	T	Methacrylonitrile	50.000	48.603	2.8	110	0.00
42	TM	1,2-Dichloroethane	50.000	51.045	-2.1	120	0.00
43	T	Isopropyl Acetate	50.000	53.729	-7.5	130	0.00
44	TM	Trichloroethene	50.000	45.250	9.5	97	0.00
45	C	1,2-Dichloropropane	50.000	42.935	14.1#	84	0.00
46	T	Dibromomethane	50.000	43.757	12.5	86	0.00
47	T	Bromodichloromethane	50.000	42.902	14.2	87	0.00
48	T	Methyl methacrylate	50.000	42.366	15.3	84	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120425\
Data File : VX048721.D
Acq On : 04 Dec 2025 14:04
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX120425

Quant Time: Dec 05 03:31:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 03:27:34 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	985.778	1.4	99	0.00
50	S	Toluene-d8	50.000	44.544	10.9	88	0.00
51	T	4-Methyl-2-Pentanone	250.000	220.496	11.8	83	0.00
52	CM	Toluene	50.000	46.077	7.8#	86	0.00
53	T	t-1,3-Dichloropropene	50.000	46.514	7.0	87	0.00
54	T	cis-1,3-Dichloropropene	50.000	45.699	8.6	86	0.00
55	T	1,1,2-Trichloroethane	50.000	45.811	8.4	88	0.00
56	T	Ethyl methacrylate	50.000	48.247	3.5	88	0.00
57	T	1,3-Dichloropropane	50.000	45.415	9.2	88	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	242.598	3.0	87	0.00
59	T	2-Hexanone	250.000	237.637	4.9	86	0.00
60	T	Dibromochloromethane	50.000	47.409	5.2	91	0.00
61	T	1,2-Dibromoethane	50.000	46.076	7.8	88	0.00
62	S	4-Bromofluorobenzene	50.000	49.905	0.2	97	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	91	0.00
64	T	Tetrachloroethene	50.000	45.571	8.9	86	0.00
65	PM	Chlorobenzene	50.000	48.287	3.4	88	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	49.615	0.8	93	0.00
67	C	Ethyl Benzene	50.000	50.069	-0.1#	86	0.00
68	T	m/p-Xylenes	100.000	103.051	-3.1	91	0.00
69	T	o-Xylene	50.000	51.580	-3.2	90	0.00
70	T	Styrene	50.000	51.437	-2.9	90	0.00
71	P	Bromoform	50.000	51.388	-2.8	100	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	97	0.00
73	T	Isopropylbenzene	50.000	53.483	-7.0	96	0.00
74	T	N-amyl acetate	50.000	58.895	-17.8	96	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	53.282	-6.6	100	0.00
76	T	1,2,3-Trichloropropane	50.000	53.497	-7.0	101	0.00
77	T	Bromobenzene	50.000	50.357	-0.7	99	0.00
78	T	n-propylbenzene	50.000	52.425	-4.8	92	0.00
79	T	2-Chlorotoluene	50.000	51.501	-3.0	94	0.00
80	T	1,3,5-Trimethylbenzene	50.000	51.894	-3.8	95	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	53.840	-7.7	99	0.00
82	T	4-Chlorotoluene	50.000	52.505	-5.0	95	0.00
83	T	tert-Butylbenzene	50.000	50.138	-0.3	93	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.592	-3.2	94	0.00
85	T	sec-Butylbenzene	50.000	50.606	-1.2	91	0.00
86	T	p-Isopropyltoluene	50.000	50.326	-0.7	92	0.00
87	T	1,3-Dichlorobenzene	50.000	49.048	1.9	96	0.00
88	T	1,4-Dichlorobenzene	50.000	47.783	4.4	96	0.00
89	T	n-Butylbenzene	50.000	50.745	-1.5	93	0.00
90	T	Hexachloroethane	50.000	46.926	6.1	93	0.00
91	T	1,2-Dichlorobenzene	50.000	48.097	3.8	95	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	50.715	-1.4	102	0.00
93	T	1,2,4-Trichlorobenzene	50.000	46.996	6.0	97	0.00
94	T	Hexachlorobutadiene	50.000	45.101	9.8	97	0.00
95	T	Naphthalene	50.000	55.628	-11.3	105	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120425\
Data File : VX048721.D
Acq On : 04 Dec 2025 14:04
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX120425

Quant Time: Dec 05 03:31:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 03:27:34 2025
Response via : Initial Calibration

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	49.386	1.2	101	0.00

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

Raw Data: **VX048822.D**

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	Alliance	Contract:	JACO05
Lab Code:	ACE	SDG No.:	Q3828
Instrument ID:	MSVOA_X	Calibration Date/Time:	12/11/2025 13:02
Lab File ID:	VX048822.D	Init. Calib. Date(s):	12/04/2025 12/04/2025
Heated Purge: (Y/N)	N	Init. Calib. Time(s):	08:47 10:38

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Vinyl Chloride	0.685	0.614		-10.36	20
1,1-Dichloroethene	0.581	0.538		-7.4	20
1,1-Dichloroethane	1.016	1.054	0.1	3.74	20
cis-1,2-Dichloroethene	0.669	0.676		1.05	20
1,1,1-Trichloroethane	0.975	0.959		-1.64	20
Benzene	1.398	1.379		-1.36	20
1,2-Dichloroethane	0.495	0.485		-2.02	20
Trichloroethene	0.365	0.350		-4.11	20
1,1,2-Trichloroethane	0.339	0.326		-3.84	20
Tetrachloroethene	0.364	0.333		-8.52	20
1,2-Dichloroethane-d4	0.671	0.692		3.13	20
Dibromofluoromethane	0.344	0.355		3.2	20
Toluene-d8	1.207	1.224		1.41	20
4-Bromofluorobenzene	0.416	0.441		6.01	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\VX121125\
Data File : VX048822.D
Acq On : 11 Dec 2025 13:02
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 11 23:47:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 03:27:34 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 12/12/2025
Supervised By :Mahesh Dadoda 12/12/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.531	168	165373	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.739	114	271652	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	243221	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	120178	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	114520	51.595	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.180%			
35) Dibromofluoromethane	5.367	113	96546	51.617	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.240%			
50) Toluene-d8	8.628	98	332616	50.731	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.460%			
62) 4-Bromofluorobenzene	11.061	95	119751	52.967	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.940%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	98039	58.184	ug/l	99
3) Chloromethane	1.300	50	97213	45.721	ug/l	99
4) Vinyl Chloride	1.380	62	101486	44.817	ug/l	100
5) Bromomethane	1.617	94	70022	50.037	ug/l	99
6) Chloroethane	1.697	64	62806	44.564	ug/l	96
7) Trichlorofluoromethane	1.892	101	152251	46.911	ug/l	97
8) Diethyl Ether	2.130	74	57016	44.014	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	89363	47.496	ug/l	98
10) Methyl Iodide	2.453	142	132485	49.461	ug/l	99
11) Tert butyl alcohol	2.928	59	43614	121.706	ug/l	98
12) 1,1-Dichloroethene	2.325	96	88917	46.303	ug/l	96
13) Acrolein	2.233	56	55159	173.980	ug/l	100
14) Allyl chloride	2.660	41	157759	48.932	ug/l	97
15) Acrylonitrile	3.050	53	209410	187.540	ug/l	100
16) Acetone	2.367	43	123460	145.296	ug/l	99
17) Carbon Disulfide	2.514	76	246865	44.267	ug/l	98
18) Methyl Acetate	2.697	43	87528	36.611	ug/l	100
19) Methyl tert-butyl Ether	3.099	73	294533	47.128	ug/l	99
20) Methylene Chloride	2.788	84	102361	48.195	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	92900	47.400	ug/l	97
22) Diisopropyl ether	3.745	45	325946	54.094	ug/l	93
23) Vinyl Acetate	3.709	43	1273167	251.467	ug/l	98
24) 1,1-Dichloroethane	3.599	63	174259	51.861	ug/l	99
25) 2-Butanone	4.526	43	212517	169.459	ug/l	93
26) 2,2-Dichloropropane	4.465	77	146056	49.126	ug/l	99
27) cis-1,2-Dichloroethene	4.471	96	111795	50.548	ug/l	95
28) Bromochloromethane	4.879	49	87241	52.972	ug/l	87
29) Tetrahydrofuran	4.977	42	149492	156.112	ug/l	96
30) Chloroform	5.074	83	179374	49.821	ug/l	100
31) Cyclohexane	5.458	56	143979	47.993	ug/l	96
32) 1,1,1-Trichloroethane	5.367	97	158611	49.168	ug/l	96
36) 1,1-Dichloropropene	5.672	75	119500	46.646	ug/l	97
37) Ethyl Acetate	4.690	43	112640	36.797	ug/l	97
38) Carbon Tetrachloride	5.659	117	140072	48.271	ug/l	95
39) Methylcyclohexane	7.360	83	145662	48.085	ug/l	99
40) Benzene	6.019	78	374535	49.317	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121125\
Data File : VX048822.D
Acq On : 11 Dec 2025 13:02
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 11 23:47:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 03:27:34 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 12/12/2025
Supervised By :Mahesh Dadoda 12/12/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.891	41	57693	41.423	ug/l		98
42) 1,2-Dichloroethane	6.068	62	131807	49.036	ug/l		97
43) Isopropyl Acetate	6.318	43	182902	39.459	ug/l		96
44) Trichloroethene	7.104	130	95129	48.007	ug/l		98
45) 1,2-Dichloropropane	7.409	63	95286	50.199	ug/l		98
46) Dibromomethane	7.562	93	68392	47.513	ug/l		98
47) Bromodichloromethane	7.799	83	148400	49.448	ug/l		97
48) Methyl methacrylate	7.671	41	92633	39.728	ug/l		98
49) 1,4-Dioxane	7.641	88	20005	623.831	ug/l		97
51) 4-Methyl-2-Pentanone	8.555	43	512379	178.090	ug/l		98
52) Toluene	8.702	92	231421	50.534	ug/l		99
53) t-1,3-Dichloropropene	8.958	75	145948	51.118	ug/l		99
54) cis-1,3-Dichloropropene	8.348	75	157465	51.318	ug/l		100
55) 1,1,2-Trichloroethane	9.134	97	88593	48.081	ug/l		97
56) Ethyl methacrylate	9.098	69	132486	45.936	ug/l		99
57) 1,3-Dichloropropane	9.287	76	152302	49.709	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.226	63	387162	248.368	ug/l		98
59) 2-Hexanone	9.409	43	336608	166.667	ug/l		99
60) Dibromochloromethane	9.500	129	112797	49.506	ug/l		100
61) 1,2-Dibromoethane	9.592	107	92845	46.556	ug/l		100
64) Tetrachloroethene	9.256	164	81086	45.737	ug/l		100
65) Chlorobenzene	10.061	112	257178	48.307	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.146	131	93169	48.928	ug/l		100
67) Ethyl Benzene	10.177	91	440088	50.658	ug/l		99
68) m/p-Xylenes	10.281	106	338698	100.087	ug/l		99
69) o-Xylene	10.622	106	161797	51.024	ug/l		100
70) Styrene	10.634	104	281161	51.649	ug/l		99
71) Bromoform	10.780	173	71667	42.157	ug/l	#	100
73) Isopropylbenzene	10.945	105	419231	51.766	ug/l		100
74) N-amyl acetate	10.823	43	163687	46.517	ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.195	83	114648	41.956	ug/l		99
76) 1,2,3-Trichloropropane	11.219	75	105826m	47.279	ug/l		
77) Bromobenzene	11.177	156	107068	49.533	ug/l		98
78) n-propylbenzene	11.287	91	490699	52.315	ug/l		100
79) 2-Chlorotoluene	11.347	91	289405	50.599	ug/l		99
80) 1,3,5-Trimethylbenzene	11.433	105	341158	51.249	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.000	75	38498	40.855	ug/l	#	55
82) 4-Chlorotoluene	11.433	91	347296	52.033	ug/l		99
83) tert-Butylbenzene	11.695	119	344867	49.858	ug/l		99
84) 1,2,4-Trimethylbenzene	11.732	105	345530	51.456	ug/l		100
85) sec-Butylbenzene	11.872	105	429699	51.260	ug/l		100
86) p-Isopropyltoluene	11.988	119	364957	50.933	ug/l		100
87) 1,3-Dichlorobenzene	11.951	146	193767	48.626	ug/l		100
88) 1,4-Dichlorobenzene	12.024	146	194211	47.163	ug/l		98
89) n-Butylbenzene	12.311	91	335038	49.939	ug/l		99
90) Hexachloroethane	12.518	117	69929	47.816	ug/l		99
91) 1,2-Dichlorobenzene	12.317	146	187591	48.558	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	21843	32.845	ug/l		99
93) 1,2,4-Trichlorobenzene	13.567	180	122417	47.978	ug/l		99
94) Hexachlorobutadiene	13.707	225	49669	47.062	ug/l		97
95) Naphthalene	13.756	128	329423	46.219	ug/l		99
96) 1,2,3-Trichlorobenzene	13.938	180	113859	48.387	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121125\
Data File : VX048822.D
Acq On : 11 Dec 2025 13:02
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 11 23:47:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 03:27:34 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 12/12/2025
Supervised By :Mahesh Dadoda 12/12/2025

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

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

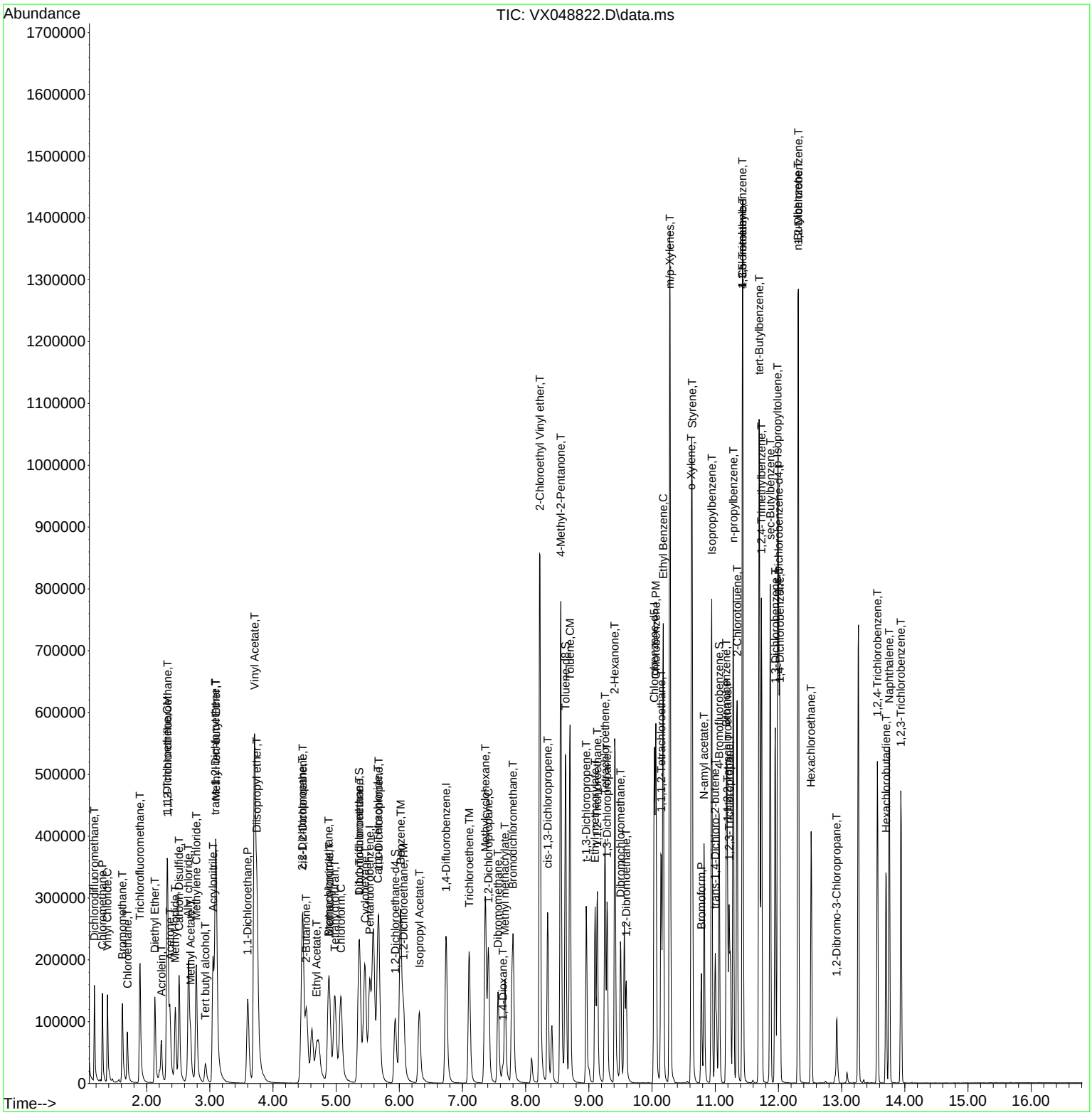
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121125\
Data File : VX048822.D
Acq On : 11 Dec 2025 13:02
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 11 23:47:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 03:27:34 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 12/12/2025
Supervised By :Mahesh Dadoda 12/12/2025



Evaluate Continuing Calibration Report

Sample Results: **VX048822.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121125\
Data File : VX048822.D
Acq On : 11 Dec 2025 13:02
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Dec 11 23:47:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 03:27:34 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	89	0.00
2	T	Dichlorodifluoromethane	0.509	0.593	-16.5	92	0.00
3	P	Chloromethane	0.643	0.588	8.6	81	0.00
4	C	Vinyl Chloride	0.685	0.614	10.4#	77	0.00
5	T	Bromomethane	0.423	0.423	0.0	80	0.00
6	T	Chloroethane	0.426	0.380	10.8	79	0.00
7	T	Trichlorofluoromethane	0.981	0.921	6.1	79	0.00
8	T	Diethyl Ether	0.392	0.345	12.0	80	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.569	0.540	5.1	80	0.00
10	T	Methyl Iodide	0.810	0.801	1.1	82	0.00
11	T	Tert butyl alcohol	0.108	0.053	50.9#	41#	0.00
12	CM	1,1-Dichloroethene	0.581	0.538	7.4#	79	0.00
13	T	Acrolein	0.091	0.067	26.4#	69	0.00
14	T	Allyl chloride	0.975	0.954	2.2	79	0.00
15	T	Acrylonitrile	0.338	0.253	25.1#	61	0.00
16	T	Acetone	0.257	0.149	42.0#	54	0.00
17	T	Carbon Disulfide	1.686	1.493	11.4	75	0.00
18	T	Methyl Acetate	0.723	0.529	26.8#	60	0.00
19	T	Methyl tert-butyl Ether	1.890	1.781	5.8	79	0.00
20	T	Methylene Chloride	0.642	0.619	3.6	84	0.00
21	T	trans-1,2-Dichloroethene	0.593	0.562	5.2	80	0.00
22	T	Diisopropyl ether	1.822	1.971	-8.2	111	0.00
23	T	Vinyl Acetate	1.531	1.540	-0.6	99	0.00
24	P	1,1-Dichloroethane	1.016	1.054	-3.7	103	0.00
25	T	2-Butanone	0.379	0.257	32.2#	68	-0.01
26	T	2,2-Dichloropropane	0.899	0.883	1.8	94	0.00
27	T	cis-1,2-Dichloroethene	0.669	0.676	-1.0	95	-0.01
28	T	Bromochloromethane	0.498	0.528	-6.0	112	0.00
29	T	Tetrahydrofuran	0.290	0.181	37.6#	65	0.00
30	C	Chloroform	1.089	1.085	0.4#	98	0.00
31	T	Cyclohexane	0.907	0.871	4.0	97	0.00
32	T	1,1,1-Trichloroethane	0.975	0.959	1.6	93	0.00
33	S	1,2-Dichloroethane-d4	0.671	0.692	-3.1	106	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	94	0.00
35	S	Dibromofluoromethane	0.344	0.355	-3.2	100	0.00
36	T	1,1-Dichloropropene	0.472	0.440	6.8	94	-0.01
37	T	Ethyl Acetate	0.563	0.415	26.3#	72	0.00
38	T	Carbon Tetrachloride	0.534	0.516	3.4	92	0.00
39	T	Methylcyclohexane	0.558	0.536	3.9	78	0.00
40	TM	Benzene	1.398	1.379	1.4	98	0.00
41	T	Methacrylonitrile	0.256	0.212	17.2	82	-0.01
42	TM	1,2-Dichloroethane	0.495	0.485	2.0	101	0.00
43	T	Isopropyl Acetate	0.853	0.673	21.1	84	0.00
44	TM	Trichloroethene	0.365	0.350	4.1	90	0.00
45	C	1,2-Dichloropropane	0.349	0.351	-0.6#	86	0.00
46	T	Dibromomethane	0.265	0.252	4.9	82	0.00
47	T	Bromodichloromethane	0.552	0.546	1.1	87	0.00
48	T	Methyl methacrylate	0.429	0.341	20.5	69	0.00

Sample Results: **VX048822.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121125\
Data File : VX048822.D
Acq On : 11 Dec 2025 13:02
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Dec 11 23:47:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 03:27:34 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	0.006	0.004	33.3#	55	0.00
50	S	Toluene-d8	1.207	1.224	-1.4	88	0.00
51	T	4-Methyl-2-Pentanone	0.530	0.377	28.9#	59	0.00
52	CM	Toluene	0.843	0.852	-1.1#	83	0.00
53	T	t-1,3-Dichloropropene	0.526	0.537	-2.1	84	0.00
54	T	cis-1,3-Dichloropropene	0.565	0.580	-2.7	85	0.00
55	T	1,1,2-Trichloroethane	0.339	0.326	3.8	81	0.00
56	T	Ethyl methacrylate	0.531	0.488	8.1	73	0.00
57	T	1,3-Dichloropropane	0.564	0.561	0.5	84	0.00
58	T	2-Chloroethyl Vinyl ether	0.287	0.285	0.7	78	0.00
59	T	2-Hexanone	0.372	0.248	33.3#	53	0.00
60	T	Dibromochloromethane	0.419	0.415	1.0	83	0.00
61	T	1,2-Dibromoethane	0.367	0.342	6.8	78	0.00
62	S	4-Bromofluorobenzene	0.416	0.441	-6.0	90	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	87	0.00
64	T	Tetrachloroethene	0.364	0.333	8.5	82	0.00
65	PM	Chlorobenzene	1.094	1.057	3.4	85	0.00
66	T	1,1,1,2-Tetrachloroethane	0.391	0.383	2.0	88	0.00
67	C	Ethyl Benzene	1.786	1.809	-1.3#	83	0.00
68	T	m/p-Xylenes	0.696	0.696	0.0	85	0.00
69	T	o-Xylene	0.652	0.665	-2.0	86	0.00
70	T	Styrene	1.119	1.156	-3.3	86	0.00
71	P	Bromoform	0.349	0.295	15.5	78	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	88	0.00
73	T	Isopropylbenzene	3.369	3.488	-3.5	85	0.00
74	T	N-amyl acetate	1.464	1.362	7.0	69	0.00
75	P	1,1,2,2-Tetrachloroethane	1.137	0.954	16.1	71	0.00
76	T	1,2,3-Trichloropropane	0.931	0.881	5.4	81	0.00
77	T	Bromobenzene	0.899	0.891	0.9	89	0.00
78	T	n-propylbenzene	3.902	4.083	-4.6	84	0.00
79	T	2-Chlorotoluene	2.380	2.408	-1.2	84	0.00
80	T	1,3,5-Trimethylbenzene	2.770	2.839	-2.5	85	0.00
81	T	trans-1,4-Dichloro-2-butene	0.392	0.320	18.4	68	0.00
82	T	4-Chlorotoluene	2.777	2.890	-4.1	85	0.00
83	T	tert-Butylbenzene	2.878	2.870	0.3	84	0.00
84	T	1,2,4-Trimethylbenzene	2.794	2.875	-2.9	85	0.00
85	T	sec-Butylbenzene	3.488	3.576	-2.5	84	0.00
86	T	p-Isopropyltoluene	2.981	3.037	-1.9	84	0.00
87	T	1,3-Dichlorobenzene	1.658	1.612	2.8	86	0.00
88	T	1,4-Dichlorobenzene	1.713	1.616	5.7	86	0.00
89	T	n-Butylbenzene	2.791	2.788	0.1	83	0.00
90	T	Hexachloroethane	0.608	0.582	4.3	86	0.00
91	T	1,2-Dichlorobenzene	1.607	1.561	2.9	87	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.277	0.182	34.3#	60	0.00
93	T	1,2,4-Trichlorobenzene	1.062	1.019	4.0	90	0.00
94	T	Hexachlorobutadiene	0.439	0.413	5.9	92	0.00
95	T	Naphthalene	3.187	2.741	14.0	77	0.00

Sample Results: **VX048822.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121125\
Data File : VX048822.D
Acq On : 11 Dec 2025 13:02
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Dec 11 23:47:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 03:27:34 2025
Response via : Initial Calibration

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.979	0.947	3.3	90	0.00

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

Sample Results: **VX048822.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121125\
Data File : VX048822.D
Acq On : 11 Dec 2025 13:02
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Dec 11 23:47:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 03:27:34 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	89	0.00
2	T	Dichlorodifluoromethane	50.000	58.184	-16.4	92	0.00
3	P	Chloromethane	50.000	45.721	8.6	81	0.00
4	C	Vinyl Chloride	50.000	44.817	10.4#	77	0.00
5	T	Bromomethane	50.000	50.037	-0.1	80	0.00
6	T	Chloroethane	50.000	44.564	10.9	79	0.00
7	T	Trichlorofluoromethane	50.000	46.911	6.2	79	0.00
8	T	Diethyl Ether	50.000	44.014	12.0	80	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	47.496	5.0	80	0.00
10	T	Methyl Iodide	50.000	49.461	1.1	82	0.00
11	T	Tert butyl alcohol	250.000	121.706	51.3#	41	0.00
12	CM	1,1-Dichloroethene	50.000	46.303	7.4#	79	0.00
13	T	Acrolein	250.000	173.980	30.4#	69	0.00
14	T	Allyl chloride	50.000	48.932	2.1	79	0.00
15	T	Acrylonitrile	250.000	187.540	25.0	61	0.00
16	T	Acetone	250.000	145.296	41.9#	54	0.00
17	T	Carbon Disulfide	50.000	44.267	11.5	75	0.00
18	T	Methyl Acetate	50.000	36.611	26.8#	60	0.00
19	T	Methyl tert-butyl Ether	50.000	47.128	5.7	79	0.00
20	T	Methylene Chloride	50.000	48.195	3.6	84	0.00
21	T	trans-1,2-Dichloroethene	50.000	47.400	5.2	80	0.00
22	T	Diisopropyl ether	50.000	54.094	-8.2	111	0.00
23	T	Vinyl Acetate	250.000	251.467	-0.6	99	0.00
24	P	1,1-Dichloroethane	50.000	51.861	-3.7	103	0.00
25	T	2-Butanone	250.000	169.459	32.2#	68	-0.01
26	T	2,2-Dichloropropane	50.000	49.126	1.7	94	0.00
27	T	cis-1,2-Dichloroethene	50.000	50.548	-1.1	95	-0.01
28	T	Bromochloromethane	50.000	52.972	-5.9	112	0.00
29	T	Tetrahydrofuran	250.000	156.112	37.6#	65	0.00
30	C	Chloroform	50.000	49.821	0.4#	98	0.00
31	T	Cyclohexane	50.000	47.993	4.0	97	0.00
32	T	1,1,1-Trichloroethane	50.000	49.168	1.7	93	0.00
33	S	1,2-Dichloroethane-d4	50.000	51.595	-3.2	106	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	94	0.00
35	S	Dibromofluoromethane	50.000	51.617	-3.2	100	0.00
36	T	1,1-Dichloropropene	50.000	46.646	6.7	94	-0.01
37	T	Ethyl Acetate	50.000	36.797	26.4#	72	0.00
38	T	Carbon Tetrachloride	50.000	48.271	3.5	92	0.00
39	T	Methylcyclohexane	50.000	48.085	3.8	78	0.00
40	TM	Benzene	50.000	49.317	1.4	98	0.00
41	T	Methacrylonitrile	50.000	41.423	17.2	82	-0.01
42	TM	1,2-Dichloroethane	50.000	49.036	1.9	101	0.00
43	T	Isopropyl Acetate	50.000	39.459	21.1	84	0.00
44	TM	Trichloroethene	50.000	48.007	4.0	90	0.00
45	C	1,2-Dichloropropane	50.000	50.199	-0.4#	86	0.00
46	T	Dibromomethane	50.000	47.513	5.0	82	0.00
47	T	Bromodichloromethane	50.000	49.448	1.1	87	0.00
48	T	Methyl methacrylate	50.000	39.728	20.5	69	0.00

Sample Results: **VX048822.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121125\
Data File : VX048822.D
Acq On : 11 Dec 2025 13:02
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Dec 11 23:47:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 03:27:34 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	623.831	37.6#	55	0.00
50	S	Toluene-d8	50.000	50.731	-1.5	88	0.00
51	T	4-Methyl-2-Pentanone	250.000	178.090	28.8#	59	0.00
52	CM	Toluene	50.000	50.534	-1.1#	83	0.00
53	T	t-1,3-Dichloropropene	50.000	51.118	-2.2	84	0.00
54	T	cis-1,3-Dichloropropene	50.000	51.318	-2.6	85	0.00
55	T	1,1,2-Trichloroethane	50.000	48.081	3.8	81	0.00
56	T	Ethyl methacrylate	50.000	45.936	8.1	73	0.00
57	T	1,3-Dichloropropane	50.000	49.709	0.6	84	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	248.368	0.7	78	0.00
59	T	2-Hexanone	250.000	166.667	33.3#	53	0.00
60	T	Dibromochloromethane	50.000	49.506	1.0	83	0.00
61	T	1,2-Dibromoethane	50.000	46.556	6.9	78	0.00
62	S	4-Bromofluorobenzene	50.000	52.967	-5.9	90	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	87	0.00
64	T	Tetrachloroethene	50.000	45.737	8.5	82	0.00
65	PM	Chlorobenzene	50.000	48.307	3.4	85	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	48.928	2.1	88	0.00
67	C	Ethyl Benzene	50.000	50.658	-1.3#	83	0.00
68	T	m/p-Xylenes	100.000	100.087	-0.1	85	0.00
69	T	o-Xylene	50.000	51.024	-2.0	86	0.00
70	T	Styrene	50.000	51.649	-3.3	86	0.00
71	P	Bromoform	50.000	42.157	15.7	78	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	88	0.00
73	T	Isopropylbenzene	50.000	51.766	-3.5	85	0.00
74	T	N-amyl acetate	50.000	46.517	7.0	69	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	41.956	16.1	71	0.00
76	T	1,2,3-Trichloropropane	50.000	47.279	5.4	81	0.00
77	T	Bromobenzene	50.000	49.533	0.9	89	0.00
78	T	n-propylbenzene	50.000	52.315	-4.6	84	0.00
79	T	2-Chlorotoluene	50.000	50.599	-1.2	84	0.00
80	T	1,3,5-Trimethylbenzene	50.000	51.249	-2.5	85	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	40.855	18.3	68	0.00
82	T	4-Chlorotoluene	50.000	52.033	-4.1	85	0.00
83	T	tert-Butylbenzene	50.000	49.858	0.3	84	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.456	-2.9	85	0.00
85	T	sec-Butylbenzene	50.000	51.260	-2.5	84	0.00
86	T	p-Isopropyltoluene	50.000	50.933	-1.9	84	0.00
87	T	1,3-Dichlorobenzene	50.000	48.626	2.7	86	0.00
88	T	1,4-Dichlorobenzene	50.000	47.163	5.7	86	0.00
89	T	n-Butylbenzene	50.000	49.939	0.1	83	0.00
90	T	Hexachloroethane	50.000	47.816	4.4	86	0.00
91	T	1,2-Dichlorobenzene	50.000	48.558	2.9	87	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	32.845	34.3#	60	0.00
93	T	1,2,4-Trichlorobenzene	50.000	47.978	4.0	90	0.00
94	T	Hexachlorobutadiene	50.000	47.062	5.9	92	0.00
95	T	Naphthalene	50.000	46.219	7.6	77	0.00

Sample Results: **VX048822.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121125\
Data File : VX048822.D
Acq On : 11 Dec 2025 13:02
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Dec 11 23:47:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 03:27:34 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	48.387	3.2	90	0.00

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

Raw Data: **VX048840.D**

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: JACO05
Lab Code: ACE
SDG No.: Q3828
Instrument ID: MSVOA_X
Calibration Date/Time: 12/12/2025 09:12
Lab File ID: VX048840.D
Init. Calib. Date(s): 12/04/2025 12/04/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 08:47 10:38
GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Vinyl Chloride	0.685	0.673		-1.75	20
1,1-Dichloroethene	0.581	0.544		-6.37	20
1,1-Dichloroethane	1.016	1.186	0.1	16.73	20
cis-1,2-Dichloroethene	0.669	0.722		7.92	20
1,1,1-Trichloroethane	0.975	1.012		3.8	20
Benzene	1.398	1.448		3.58	20
1,2-Dichloroethane	0.495	0.511		3.23	20
Trichloroethene	0.365	0.363		-0.55	20
1,1,2-Trichloroethane	0.339	0.328		-3.24	20
Tetrachloroethene	0.364	0.328		-9.89	20
1,2-Dichloroethane-d4	0.671	0.706		5.22	20
Dibromofluoromethane	0.344	0.357		3.78	20
Toluene-d8	1.207	1.182		-2.07	20
4-Bromofluorobenzene	0.416	0.422		1.44	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\VX121225\
Data File : VX048840.D
Acq On : 12 Dec 2025 09:12
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 12 22:07:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 03:27:34 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/16/2025
Supervised By :Semsettin Yesilyurt 12/16/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.531	168	152770	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.738	114	255110	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	228178	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.000	152	111775	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	107810	52.579	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.160%			
35) Dibromofluoromethane	5.367	113	91035	51.827	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.660%			
50) Toluene-d8	8.628	98	301640	48.990	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.980%			
62) 4-Bromofluorobenzene	11.061	95	107746	50.747	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.500%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	96597	62.058	ug/l	99
3) Chloromethane	1.300	50	101836	51.846	ug/l	99
4) Vinyl Chloride	1.380	62	102745	49.116	ug/l	99
5) Bromomethane	1.617	94	72617	56.173	ug/l	94
6) Chloroethane	1.691	64	64460	49.511	ug/l	100
7) Trichlorofluoromethane	1.892	101	152795	50.963	ug/l	97
8) Diethyl Ether	2.130	74	57740	48.250	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	82909	47.701	ug/l	99
10) Methyl Iodide	2.453	142	122315	49.431	ug/l	97
11) Tert butyl alcohol	2.934	59	35743	107.970	ug/l	99
12) 1,1-Dichloroethene	2.325	96	83133	46.862	ug/l	97
13) Acrolein	2.233	56	61496	201.658	ug/l	98
14) Allyl chloride	2.660	41	160614	53.927	ug/l	97
15) Acrylonitrile	3.050	53	183814	178.197	ug/l	99
16) Acetone	2.367	43	100109	127.535	ug/l	99
17) Carbon Disulfide	2.514	76	235463	45.706	ug/l	99
18) Methyl Acetate	2.697	43	80127	36.280	ug/l	95
19) Methyl tert-butyl Ether	3.105	73	276283	47.855	ug/l	100
20) Methylene Chloride	2.782	84	102076	52.026	ug/l	100
21) trans-1,2-Dichloroethene	3.087	96	89108	49.216	ug/l	96
22) Diisopropyl ether	3.745	45	330370	59.351	ug/l	90
23) Vinyl Acetate	3.709	43	1210678	258.851	ug/l	97
24) 1,1-Dichloroethane	3.599	63	181207	58.378	ug/l	100
25) 2-Butanone	4.532	43	170034	146.768	ug/l	90
26) 2,2-Dichloropropane	4.465	77	145094	52.828	ug/l	99
27) cis-1,2-Dichloroethene	4.471	96	110343	54.008	ug/l	94
28) Bromochloromethane	4.873	49	77626	51.022	ug/l	86
29) Tetrahydrofuran	4.983	42	125045	141.355	ug/l	96
30) Chloroform	5.074	83	183922	55.299	ug/l	96
31) Cyclohexane	5.452	56	128262	46.281	ug/l	98
32) 1,1,1-Trichloroethane	5.361	97	154534	51.856	ug/l	97
36) 1,1-Dichloropropene	5.672	75	111401	46.305	ug/l	98
37) Ethyl Acetate	4.690	43	95465	33.208	ug/l	97
38) Carbon Tetrachloride	5.653	117	134468	49.344	ug/l	94
39) Methylcyclohexane	7.360	83	126144	44.342	ug/l	96
40) Benzene	6.013	78	369310	51.782	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121225\
Data File : VX048840.D
Acq On : 12 Dec 2025 09:12
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 12 22:07:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 03:27:34 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/16/2025
Supervised By :Semsettin Yesilyurt 12/16/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.897	41	53179	40.658	ug/l		94
42) 1,2-Dichloroethane	6.062	62	130445	51.676	ug/l		98
43) Isopropyl Acetate	6.312	43	158081	36.316	ug/l		97
44) Trichloroethene	7.104	130	92534	49.725	ug/l		96
45) 1,2-Dichloropropane	7.409	63	95504	53.577	ug/l		98
46) Dibromomethane	7.555	93	65280	48.291	ug/l		98
47) Bromodichloromethane	7.799	83	143776	51.014	ug/l		98
48) Methyl methacrylate	7.671	41	80571	36.795	ug/l		98
49) 1,4-Dioxane	7.641	88	17491	580.803	ug/l		96
51) 4-Methyl-2-Pentanone	8.555	43	435337	161.124	ug/l		98
52) Toluene	8.702	92	224255	52.144	ug/l		97
53) t-1,3-Dichloropropene	8.958	75	138493	51.652	ug/l		100
54) cis-1,3-Dichloropropene	8.348	75	153173	53.156	ug/l		98
55) 1,1,2-Trichloroethane	9.134	97	83731	48.389	ug/l		99
56) Ethyl methacrylate	9.098	69	117243	43.287	ug/l		98
57) 1,3-Dichloropropane	9.287	76	143736	49.955	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.220	63	345261	235.850	ug/l		98
59) 2-Hexanone	9.409	43	278015	146.581	ug/l		97
60) Dibromochloromethane	9.500	129	105766	49.430	ug/l		98
61) 1,2-Dibromoethane	9.592	107	86643	46.263	ug/l		99
64) Tetrachloroethene	9.256	164	74769	44.955	ug/l		98
65) Chlorobenzene	10.061	112	251110	50.277	ug/l		96
66) 1,1,1,2-Tetrachloroethane	10.140	131	90507	50.664	ug/l		99
67) Ethyl Benzene	10.177	91	421555	51.724	ug/l		98
68) m/p-Xylenes	10.281	106	321524	101.276	ug/l		100
69) o-Xylene	10.622	106	155334	52.215	ug/l		99
70) Styrene	10.634	104	273377	53.530	ug/l		100
71) Bromoform	10.780	173	67638	42.410	ug/l	#	98
73) Isopropylbenzene	10.945	105	393781	52.279	ug/l		100
74) N-amyl acetate	10.823	43	142460	43.528	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.195	83	103638	40.778	ug/l		99
76) 1,2,3-Trichloropropane	11.219	75	93120m	44.730	ug/l		
77) Bromobenzene	11.177	156	103210	51.337	ug/l		98
78) n-propylbenzene	11.286	91	461183	52.865	ug/l		99
79) 2-Chlorotoluene	11.341	91	279498	52.540	ug/l		100
80) 1,3,5-Trimethylbenzene	11.433	105	321244	51.885	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.000	75	31895	36.392	ug/l	#	77
82) 4-Chlorotoluene	11.433	91	330460	53.233	ug/l		99
83) tert-Butylbenzene	11.695	119	316698	49.228	ug/l		99
84) 1,2,4-Trimethylbenzene	11.731	105	332305	53.207	ug/l		100
85) sec-Butylbenzene	11.872	105	394002	50.535	ug/l		100
86) p-Isopropyltoluene	11.988	119	331835	49.792	ug/l		99
87) 1,3-Dichlorobenzene	11.951	146	188711	50.918	ug/l		98
88) 1,4-Dichlorobenzene	12.024	146	187964	49.078	ug/l		98
89) n-Butylbenzene	12.311	91	306703	49.152	ug/l		100
90) Hexachloroethane	12.518	117	64492	47.414	ug/l		100
91) 1,2-Dichlorobenzene	12.317	146	178215	49.599	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	17586	28.431	ug/l		99
93) 1,2,4-Trichlorobenzene	13.567	180	114808	48.379	ug/l		99
94) Hexachlorobutadiene	13.707	225	44819	45.659	ug/l		98
95) Naphthalene	13.756	128	289161	43.969	ug/l		99
96) 1,2,3-Trichlorobenzene	13.938	180	104163	47.595	ug/l		99

Sample Results: **VX048840.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121225\
Data File : VX048840.D
Acq On : 12 Dec 2025 09:12
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 12 22:07:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 03:27:34 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/16/2025
Supervised By :Semsettin Yesilyurt 12/16/2025

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

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

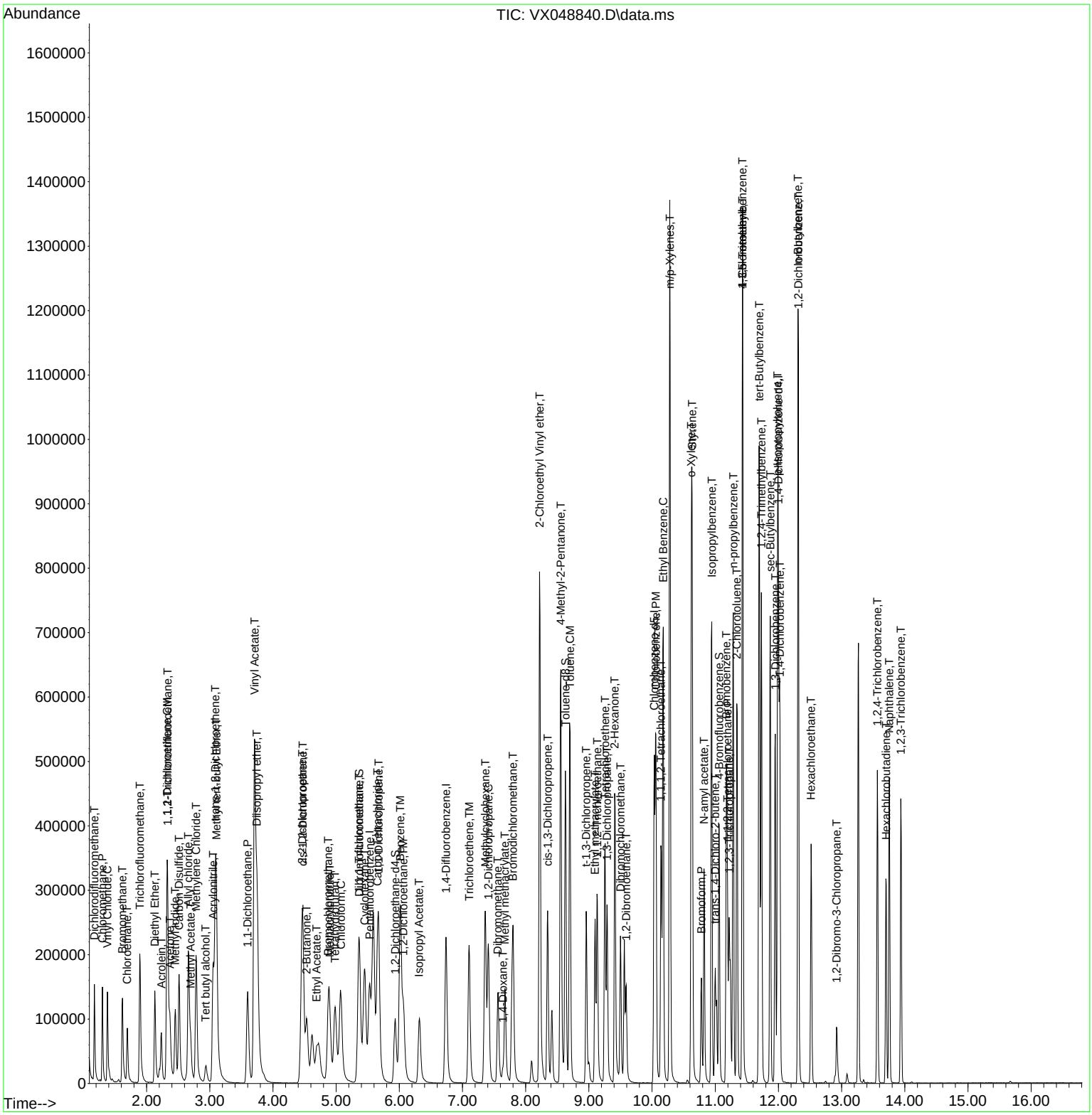
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121225\
Data File : VX048840.D
Acq On : 12 Dec 2025 09:12
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 12 22:07:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 03:27:34 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/16/2025
Supervised By :Semsettin Yesilyurt 12/16/2025



Sample Results: **VX048840.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121225\
Data File : VX048840.D
Acq On : 12 Dec 2025 09:12
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Dec 12 22:07:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 03:27:34 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	82	0.00
2	T	Dichlorodifluoromethane	0.509	0.632	-24.2	91	0.00
3	P	Chloromethane	0.643	0.667	-3.7	85	0.00
4	C	Vinyl Chloride	0.685	0.673	1.8#	78	0.00
5	T	Bromomethane	0.423	0.475	-12.3	83	0.00
6	T	Chloroethane	0.426	0.422	0.9	81	0.00
7	T	Trichlorofluoromethane	0.981	1.000	-1.9	79	0.00
8	T	Diethyl Ether	0.392	0.378	3.6	81	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.569	0.543	4.6	75	0.00
10	T	Methyl Iodide	0.810	0.801	1.1	76	0.00
11	T	Tert butyl alcohol	0.108	0.047	56.5#	33#	0.00
12	CM	1,1-Dichloroethene	0.581	0.544	6.4#	74	0.00
13	T	Acrolein	0.091	0.081	11.0	77	0.00
14	T	Allyl chloride	0.975	1.051	-7.8	80	0.00
15	T	Acrylonitrile	0.338	0.241	28.7#	54	0.00
16	T	Acetone	0.257	0.131	49.0#	44#	0.00
17	T	Carbon Disulfide	1.686	1.541	8.6	71	0.00
18	T	Methyl Acetate	0.723	0.524	27.5#	55	0.00
19	T	Methyl tert-butyl Ether	1.890	1.808	4.3	74	0.00
20	T	Methylene Chloride	0.642	0.668	-4.0	84	0.00
21	T	trans-1,2-Dichloroethene	0.593	0.583	1.7	76	0.00
22	T	Diisopropyl ether	1.822	2.163	-18.7	113	0.00
23	T	Vinyl Acetate	1.531	1.585	-3.5	94	0.00
24	P	1,1-Dichloroethane	1.016	1.186	-16.7	107	0.00
25	T	2-Butanone	0.379	0.223	41.2#	54	0.00
26	T	2,2-Dichloropropane	0.899	0.950	-5.7	94	0.00
27	T	cis-1,2-Dichloroethene	0.669	0.722	-7.9	94	-0.01
28	T	Bromochloromethane	0.498	0.508	-2.0	100	-0.01
29	T	Tetrahydrofuran	0.290	0.164	43.4#	54	0.00
30	C	Chloroform	1.089	1.204	-10.6#	101	0.00
31	T	Cyclohexane	0.907	0.840	7.4	86	-0.01
32	T	1,1,1-Trichloroethane	0.975	1.012	-3.8	91	0.00
33	S	1,2-Dichloroethane-d4	0.671	0.706	-5.2	100	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	88	0.00
35	S	Dibromofluoromethane	0.344	0.357	-3.8	94	0.00
36	T	1,1-Dichloropropene	0.472	0.437	7.4	88	-0.01
37	T	Ethyl Acetate	0.563	0.374	33.6#	61	0.00
38	T	Carbon Tetrachloride	0.534	0.527	1.3	88	-0.01
39	T	Methylcyclohexane	0.558	0.494	11.5	68	0.00
40	TM	Benzene	1.398	1.448	-3.6	97	-0.01
41	T	Methacrylonitrile	0.256	0.208	18.8	76	0.00
42	TM	1,2-Dichloroethane	0.495	0.511	-3.2	100	-0.01
43	T	Isopropyl Acetate	0.853	0.620	27.3#	72	-0.01
44	TM	Trichloroethene	0.365	0.363	0.5	87	0.00
45	C	1,2-Dichloropropane	0.349	0.374	-7.2#	86	0.00
46	T	Dibromomethane	0.265	0.256	3.4	78	-0.01
47	T	Bromodichloromethane	0.552	0.564	-2.2	85	0.00
48	T	Methyl methacrylate	0.429	0.316	26.3#	60	0.00

Sample Results: **VX048840.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121225\
Data File : VX048840.D
Acq On : 12 Dec 2025 09:12
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Dec 12 22:07:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 03:27:34 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	0.006	0.003	50.0#	48#	0.00
50	S	Toluene-d8	1.207	1.182	2.1	79	0.00
51	T	4-Methyl-2-Pentanone	0.530	0.341	35.7#	50#	0.00
52	CM	Toluene	0.843	0.879	-4.3#	80	0.00
53	T	t-1,3-Dichloropropene	0.526	0.543	-3.2	80	0.00
54	T	cis-1,3-Dichloropropene	0.565	0.600	-6.2	82	0.00
55	T	1,1,2-Trichloroethane	0.339	0.328	3.2	77	0.00
56	T	Ethyl methacrylate	0.531	0.460	13.4	65	0.00
57	T	1,3-Dichloropropane	0.564	0.563	0.2	79	0.00
58	T	2-Chloroethyl Vinyl ether	0.287	0.271	5.6	70	0.00
59	T	2-Hexanone	0.372	0.218	41.4#	44#	0.00
60	T	Dibromochloromethane	0.419	0.415	1.0	78	0.00
61	T	1,2-Dibromoethane	0.367	0.340	7.4	73	0.00
62	S	4-Bromofluorobenzene	0.416	0.422	-1.4	81	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	82	0.00
64	T	Tetrachloroethene	0.364	0.328	9.9	76	0.00
65	PM	Chlorobenzene	1.094	1.101	-0.6	83	0.00
66	T	1,1,1,2-Tetrachloroethane	0.391	0.397	-1.5	85	0.00
67	C	Ethyl Benzene	1.786	1.847	-3.4#	80	0.00
68	T	m/p-Xylenes	0.696	0.705	-1.3	80	0.00
69	T	o-Xylene	0.652	0.681	-4.4	82	0.00
70	T	Styrene	1.119	1.198	-7.1	84	0.00
71	P	Bromoform	0.349	0.296	15.2	74	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	82	0.00
73	T	Isopropylbenzene	3.369	3.523	-4.6	79	0.00
74	T	N-amyl acetate	1.464	1.275	12.9	60	0.00
75	P	1,1,2,2-Tetrachloroethane	1.137	0.927	18.5	64	0.00
76	T	1,2,3-Trichloropropane	0.931	0.833	10.5	71	0.00
77	T	Bromobenzene	0.899	0.923	-2.7	85	0.00
78	T	n-propylbenzene	3.902	4.126	-5.7	78	0.00
79	T	2-Chlorotoluene	2.380	2.501	-5.1	81	0.00
80	T	1,3,5-Trimethylbenzene	2.770	2.874	-3.8	80	0.00
81	T	trans-1,4-Dichloro-2-butene	0.392	0.285	27.3#	56	0.00
82	T	4-Chlorotoluene	2.777	2.956	-6.4	81	0.00
83	T	tert-Butylbenzene	2.878	2.833	1.6	77	0.00
84	T	1,2,4-Trimethylbenzene	2.794	2.973	-6.4	82	0.00
85	T	sec-Butylbenzene	3.488	3.525	-1.1	77	0.00
86	T	p-Isopropyltoluene	2.981	2.969	0.4	76	0.00
87	T	1,3-Dichlorobenzene	1.658	1.688	-1.8	84	0.00
88	T	1,4-Dichlorobenzene	1.713	1.682	1.8	83	0.00
89	T	n-Butylbenzene	2.791	2.744	1.7	76	0.00
90	T	Hexachloroethane	0.608	0.577	5.1	80	0.00
91	T	1,2-Dichlorobenzene	1.607	1.594	0.8	83	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.277	0.157	43.3#	48#	0.00
93	T	1,2,4-Trichlorobenzene	1.062	1.027	3.3	84	0.00
94	T	Hexachlorobutadiene	0.439	0.401	8.7	83	0.00
95	T	Naphthalene	3.187	2.587	18.8	67	0.00

Sample Results: **VX048840.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121225\
Data File : VX048840.D
Acq On : 12 Dec 2025 09:12
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Dec 12 22:07:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 03:27:34 2025
Response via : Initial Calibration

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.979	0.932	4.8	82	0.00

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

Sample Results: **VX048840.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121225\
Data File : VX048840.D
Acq On : 12 Dec 2025 09:12
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Dec 12 22:07:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 03:27:34 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	82	0.00
2	T	Dichlorodifluoromethane	50.000	62.058	-24.1	91	0.00
3	P	Chloromethane	50.000	51.846	-3.7	85	0.00
4	C	Vinyl Chloride	50.000	49.116	1.8#	78	0.00
5	T	Bromomethane	50.000	56.173	-12.3	83	0.00
6	T	Chloroethane	50.000	49.511	1.0	81	0.00
7	T	Trichlorofluoromethane	50.000	50.963	-1.9	79	0.00
8	T	Diethyl Ether	50.000	48.250	3.5	81	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	47.701	4.6	75	0.00
10	T	Methyl Iodide	50.000	49.431	1.1	76	0.00
11	T	Tert butyl alcohol	250.000	107.970	56.8#	33	0.00
12	CM	1,1-Dichloroethene	50.000	46.862	6.3#	74	0.00
13	T	Acrolein	250.000	201.658	19.3	77	0.00
14	T	Allyl chloride	50.000	53.927	-7.9	80	0.00
15	T	Acrylonitrile	250.000	178.197	28.7#	54	0.00
16	T	Acetone	250.000	127.535	49.0#	44	0.00
17	T	Carbon Disulfide	50.000	45.706	8.6	71	0.00
18	T	Methyl Acetate	50.000	36.280	27.4#	55	0.00
19	T	Methyl tert-butyl Ether	50.000	47.855	4.3	74	0.00
20	T	Methylene Chloride	50.000	52.026	-4.1	84	0.00
21	T	trans-1,2-Dichloroethene	50.000	49.216	1.6	76	0.00
22	T	Diisopropyl ether	50.000	59.351	-18.7	113	0.00
23	T	Vinyl Acetate	250.000	258.851	-3.5	94	0.00
24	P	1,1-Dichloroethane	50.000	58.378	-16.8	107	0.00
25	T	2-Butanone	250.000	146.768	41.3#	54	0.00
26	T	2,2-Dichloropropane	50.000	52.828	-5.7	94	0.00
27	T	cis-1,2-Dichloroethene	50.000	54.008	-8.0	94	-0.01
28	T	Bromochloromethane	50.000	51.022	-2.0	100	-0.01
29	T	Tetrahydrofuran	250.000	141.355	43.5#	54	0.00
30	C	Chloroform	50.000	55.299	-10.6#	101	0.00
31	T	Cyclohexane	50.000	46.281	7.4	86	-0.01
32	T	1,1,1-Trichloroethane	50.000	51.856	-3.7	91	0.00
33	S	1,2-Dichloroethane-d4	50.000	52.579	-5.2	100	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	88	0.00
35	S	Dibromofluoromethane	50.000	51.827	-3.7	94	0.00
36	T	1,1-Dichloropropene	50.000	46.305	7.4	88	-0.01
37	T	Ethyl Acetate	50.000	33.208	33.6#	61	0.00
38	T	Carbon Tetrachloride	50.000	49.344	1.3	88	-0.01
39	T	Methylcyclohexane	50.000	44.342	11.3	68	0.00
40	TM	Benzene	50.000	51.782	-3.6	97	-0.01
41	T	Methacrylonitrile	50.000	40.658	18.7	76	0.00
42	TM	1,2-Dichloroethane	50.000	51.676	-3.4	100	-0.01
43	T	Isopropyl Acetate	50.000	36.316	27.4#	72	-0.01
44	TM	Trichloroethene	50.000	49.725	0.5	87	0.00
45	C	1,2-Dichloropropane	50.000	53.577	-7.2#	86	0.00
46	T	Dibromomethane	50.000	48.291	3.4	78	-0.01
47	T	Bromodichloromethane	50.000	51.014	-2.0	85	0.00
48	T	Methyl methacrylate	50.000	36.795	26.4#	60	0.00

Sample Results: **VX048840.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121225\
Data File : VX048840.D
Acq On : 12 Dec 2025 09:12
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Dec 12 22:07:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 03:27:34 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	580.803	41.9#	48	0.00
50	S	Toluene-d8	50.000	48.990	2.0	79	0.00
51	T	4-Methyl-2-Pentanone	250.000	161.124	35.6#	50	0.00
52	CM	Toluene	50.000	52.144	-4.3#	80	0.00
53	T	t-1,3-Dichloropropene	50.000	51.652	-3.3	80	0.00
54	T	cis-1,3-Dichloropropene	50.000	53.156	-6.3	82	0.00
55	T	1,1,2-Trichloroethane	50.000	48.389	3.2	77	0.00
56	T	Ethyl methacrylate	50.000	43.287	13.4	65	0.00
57	T	1,3-Dichloropropane	50.000	49.955	0.1	79	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	235.850	5.7	70	0.00
59	T	2-Hexanone	250.000	146.581	41.4#	44	0.00
60	T	Dibromochloromethane	50.000	49.430	1.1	78	0.00
61	T	1,2-Dibromoethane	50.000	46.263	7.5	73	0.00
62	S	4-Bromofluorobenzene	50.000	50.747	-1.5	81	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	82	0.00
64	T	Tetrachloroethene	50.000	44.955	10.1	76	0.00
65	PM	Chlorobenzene	50.000	50.277	-0.6	83	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	50.664	-1.3	85	0.00
67	C	Ethyl Benzene	50.000	51.724	-3.4#	80	0.00
68	T	m/p-Xylenes	100.000	101.276	-1.3	80	0.00
69	T	o-Xylene	50.000	52.215	-4.4	82	0.00
70	T	Styrene	50.000	53.530	-7.1	84	0.00
71	P	Bromoform	50.000	42.410	15.2	74	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	82	0.00
73	T	Isopropylbenzene	50.000	52.279	-4.6	79	0.00
74	T	N-amyl acetate	50.000	43.528	12.9	60	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	40.778	18.4	64	0.00
76	T	1,2,3-Trichloropropane	50.000	44.730	10.5	71	0.00
77	T	Bromobenzene	50.000	51.337	-2.7	85	0.00
78	T	n-propylbenzene	50.000	52.865	-5.7	78	0.00
79	T	2-Chlorotoluene	50.000	52.540	-5.1	81	0.00
80	T	1,3,5-Trimethylbenzene	50.000	51.885	-3.8	80	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	36.392	27.2#	56	0.00
82	T	4-Chlorotoluene	50.000	53.233	-6.5	81	0.00
83	T	tert-Butylbenzene	50.000	49.228	1.5	77	0.00
84	T	1,2,4-Trimethylbenzene	50.000	53.207	-6.4	82	0.00
85	T	sec-Butylbenzene	50.000	50.535	-1.1	77	0.00
86	T	p-Isopropyltoluene	50.000	49.792	0.4	76	0.00
87	T	1,3-Dichlorobenzene	50.000	50.918	-1.8	84	0.00
88	T	1,4-Dichlorobenzene	50.000	49.078	1.8	83	0.00
89	T	n-Butylbenzene	50.000	49.152	1.7	76	0.00
90	T	Hexachloroethane	50.000	47.414	5.2	80	0.00
91	T	1,2-Dichlorobenzene	50.000	49.599	0.8	83	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	28.431	43.1#	48	0.00
93	T	1,2,4-Trichlorobenzene	50.000	48.379	3.2	84	0.00
94	T	Hexachlorobutadiene	50.000	45.659	8.7	83	0.00
95	T	Naphthalene	50.000	43.969	12.1	67	0.00

Sample Results: **VX048840.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121225\
Data File : VX048840.D
Acq On : 12 Dec 2025 09:12
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Dec 12 22:07:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 03:27:34 2025
Response via : Initial Calibration

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	47.595	4.8	82	0.00

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

QC SAMPLE DATA

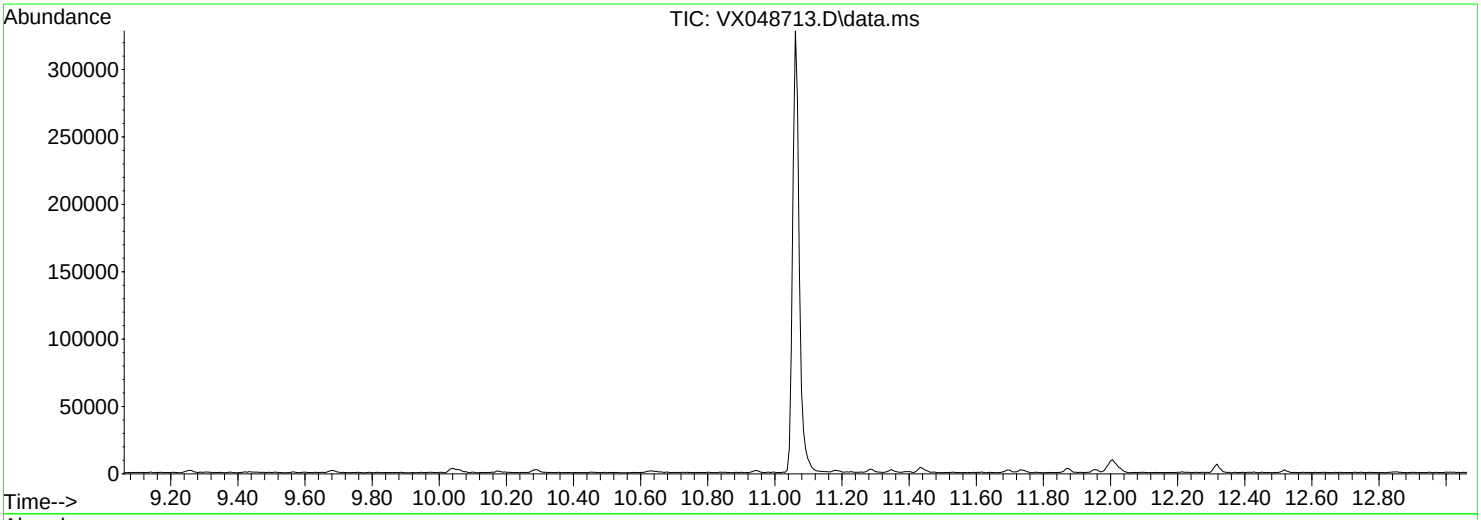
Sample Results: **VX048713.D**

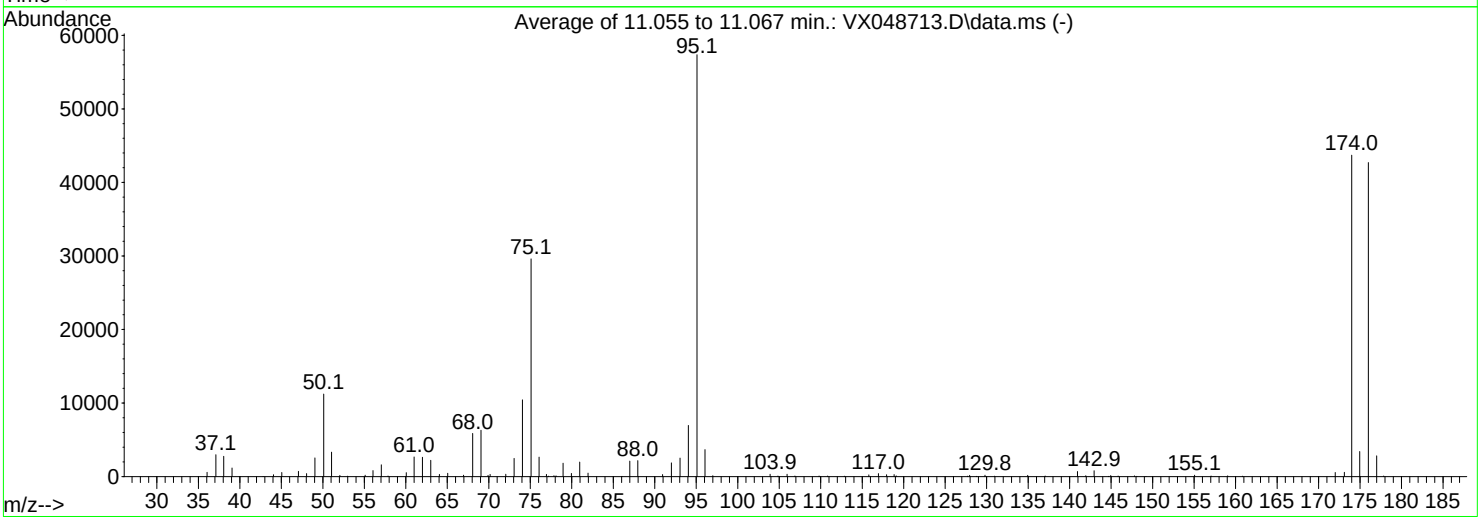
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120425\
Data File : VX048713.D
Acq On : 04 Dec 2025 08:15
Operator : JC/MD
Sample : BFB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Title : SW846 8260
Last Update : Fri Dec 05 03:27:34 2025





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

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	19.6	11214	PASS
75	95	30	60	51.6	29608	PASS
95	95	100	100	100.0	57360	PASS
96	95	5	9	6.4	3677	PASS
173	174	0.00	2	1.3	568	PASS
174	95	50	100	76.2	43696	PASS
175	174	5	9	7.8	3397	PASS
176	174	95	101	97.7	42696	PASS
177	176	5	9	6.6	2825	PASS

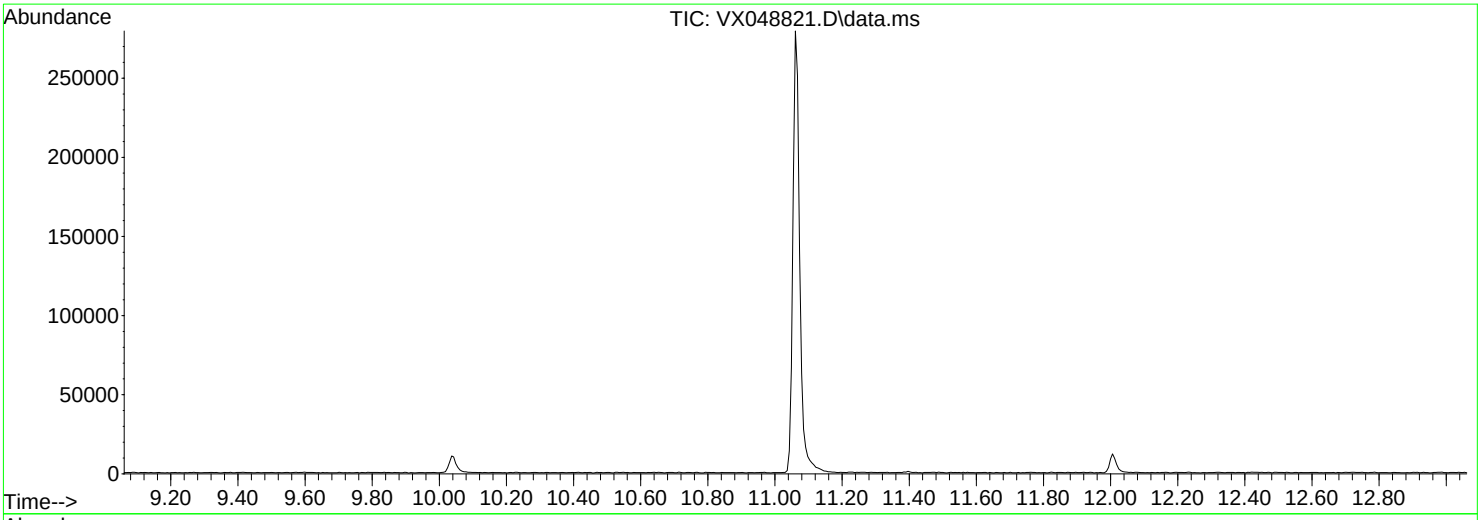
Sample Results: **VX048821.D**

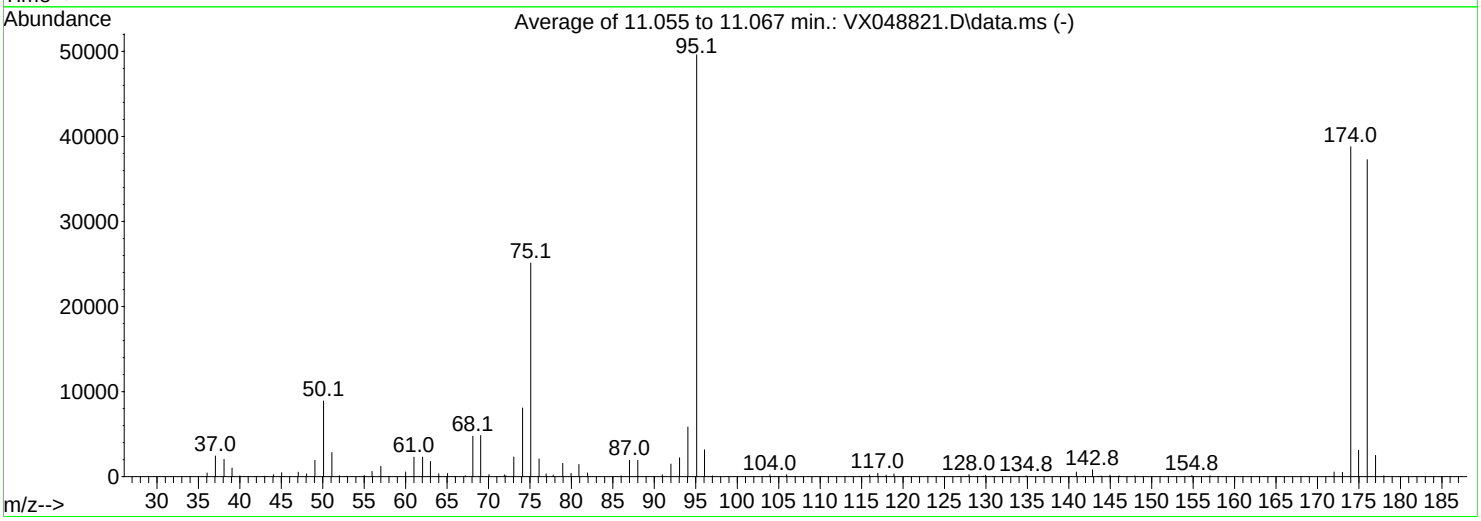
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121125\
Data File : VX048821.D
Acq On : 11 Dec 2025 12:08
Operator : JC/MD
Sample : BFB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Title : SW846 8260
Last Update : Fri Dec 05 03:27:34 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	17.9	8900	PASS
75	95	30	60	50.6	25115	PASS
95	95	100	100	100.0	49597	PASS
96	95	5	9	6.4	3166	PASS
173	174	0.00	2	1.3	505	PASS
174	95	50	100	78.2	38795	PASS
175	174	5	9	8.0	3096	PASS
176	174	95	101	96.1	37275	PASS
177	176	5	9	6.7	2501	PASS

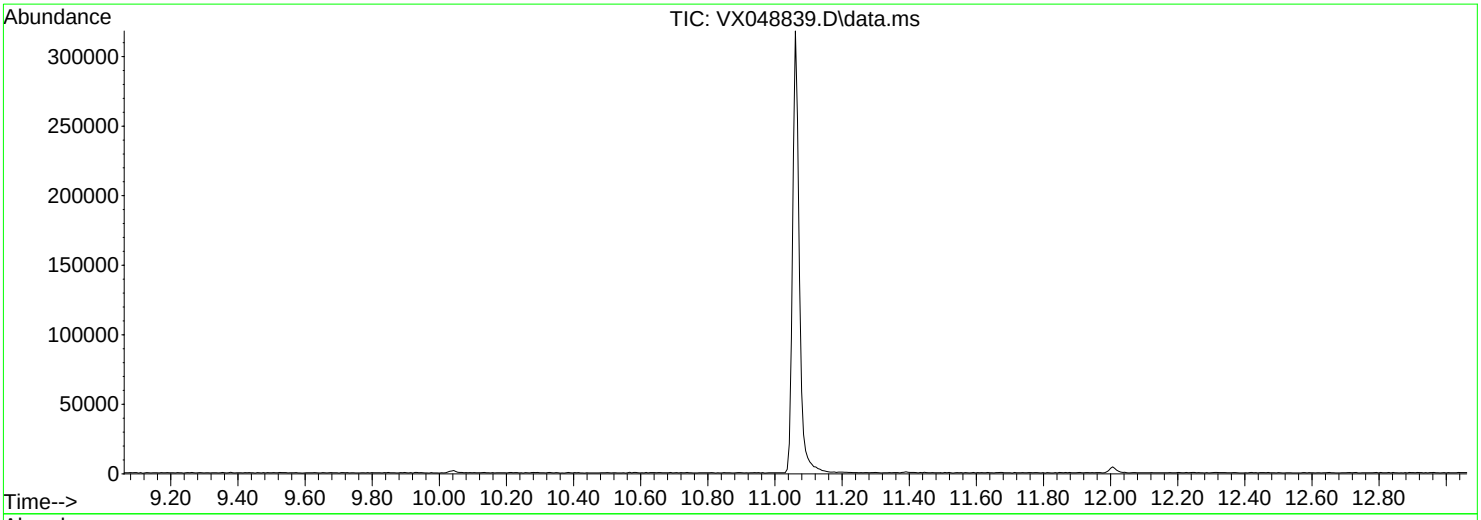
Sample Results: **VX048839.D**

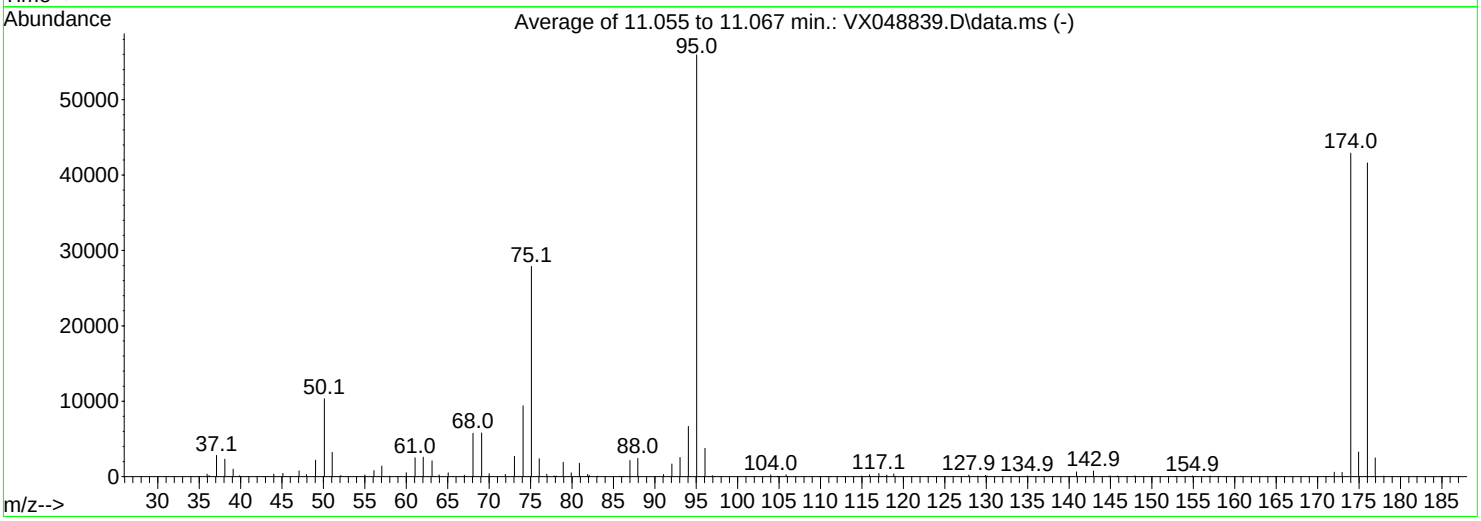
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121225\
Data File : VX048839.D
Acq On : 12 Dec 2025 08:44
Operator : JC/MD
Sample : BFB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Title : SW846 8260
Last Update : Fri Dec 05 03:27:34 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	18.5	10337	PASS
75	95	30	60	49.8	27880	PASS
95	95	100	100	100.0	55947	PASS
96	95	5	9	6.7	3751	PASS
173	174	0.00	2	1.4	584	PASS
174	95	50	100	76.7	42912	PASS
175	174	5	9	7.6	3272	PASS
176	174	95	101	97.0	41611	PASS
177	176	5	9	6.0	2478	PASS

Raw Data: **VX048824.D**

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

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	
Client Sample ID:	VX1211WBL01	SDG No.:	Q3828
Lab Sample ID:	VX1211WBL01	Matrix:	Water
Analytical Method:	8260D Level: LOW	% Solid:	0
Sample Wt/Vol:	5 mL Final Vol: 5000 uL	Test:	VOCMS Group3

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-01-4	Vinyl Chloride	0.26	U	1	0.26	1.00	ug/L	12/11/25 14:06	VX121125
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	12/11/25 14:06	VX121125
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	12/11/25 14:06	VX121125
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	12/11/25 14:06	VX121125
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	12/11/25 14:06	VX121125
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	12/11/25 14:06	VX121125
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	12/11/25 14:06	VX121125
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	12/11/25 14:06	VX121125
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	12/11/25 14:06	VX121125
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	12/11/25 14:06	VX121125
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	47.5			70 (74) - 130 (125)	95%	SPK: 50		
1868-53-7	Dibromofluoromethane	47.7			70 (75) - 130 (124)	95%	SPK: 50		
2037-26-5	Toluene-d8	49.4			70 (86) - 130 (113)	99%	SPK: 50		
460-00-4	4-Bromofluorobenzene	43.4			70 (77) - 130 (121)	87%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	252000							
540-36-3	1,4-Difluorobenzene	411000							
3114-55-4	Chlorobenzene-d5	348000							
3855-82-1	1,4-Dichlorobenzene-d4	149000							

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\VX121125\
Data File : VX048824.D
Acq On : 11 Dec 2025 14:06
Operator : JC/MD
Sample : VX1211WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1211WBL01

Quant Time: Dec 11 23:48:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 03:27:34 2025
Response via : Initial Calibration

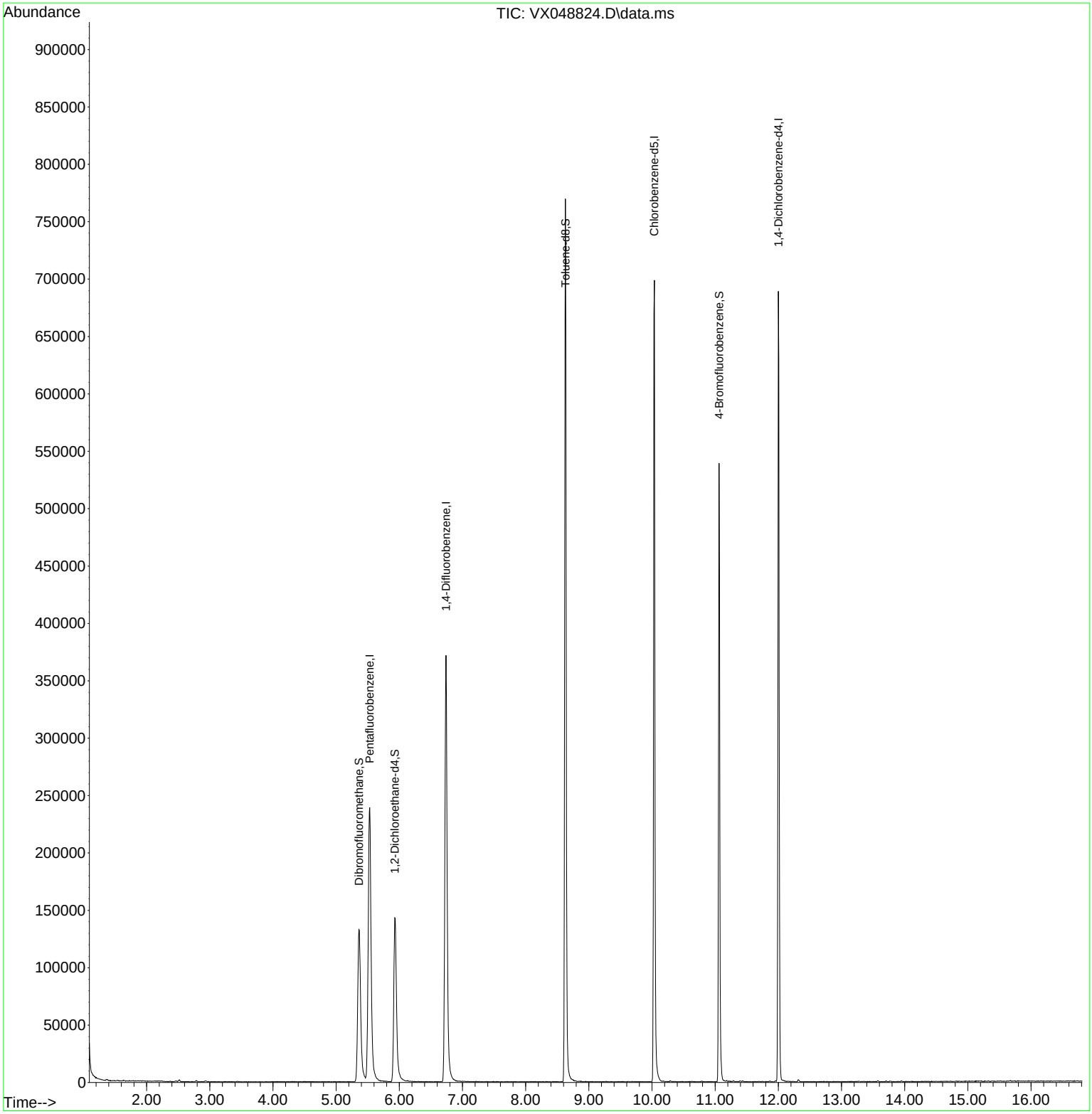
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.532	168	251542	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.739	114	411094	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	347963	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.000	152	149114	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.928	65	160238	47.462	ug/l	-0.01
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.920%		
35) Dibromofluoromethane	5.361	113	134968	47.683	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.360%		
50) Toluene-d8	8.629	98	489960	49.382	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.760%		
62) 4-Bromofluorobenzene	11.061	95	148637	43.443	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	86.880%		
Target Compounds						Qvalue

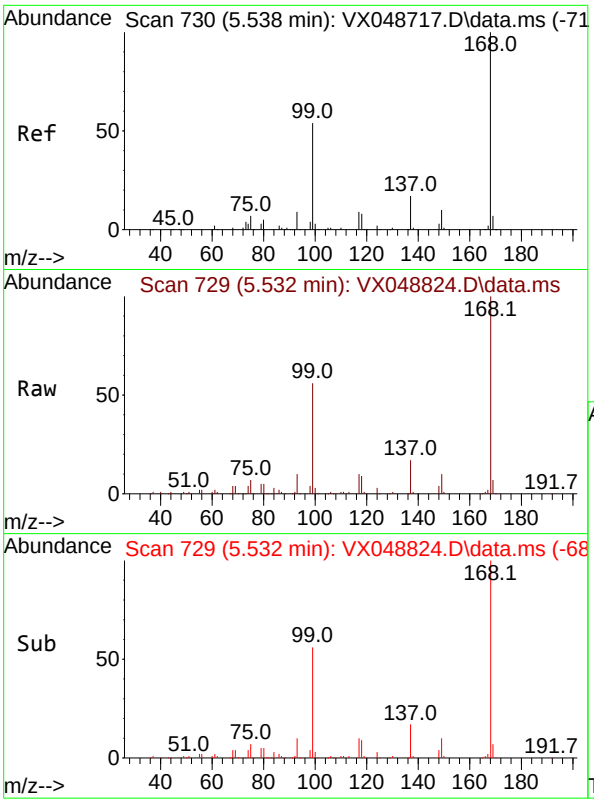
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121125\
Data File : VX048824.D
Acq On : 11 Dec 2025 14:06
Operator : JC/MD
Sample : VX1211WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1211WBL01

Quant Time: Dec 11 23:48:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 03:27:34 2025
Response via : Initial Calibration



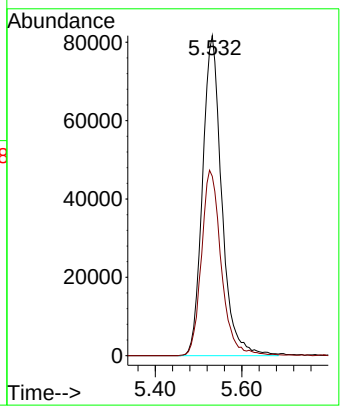


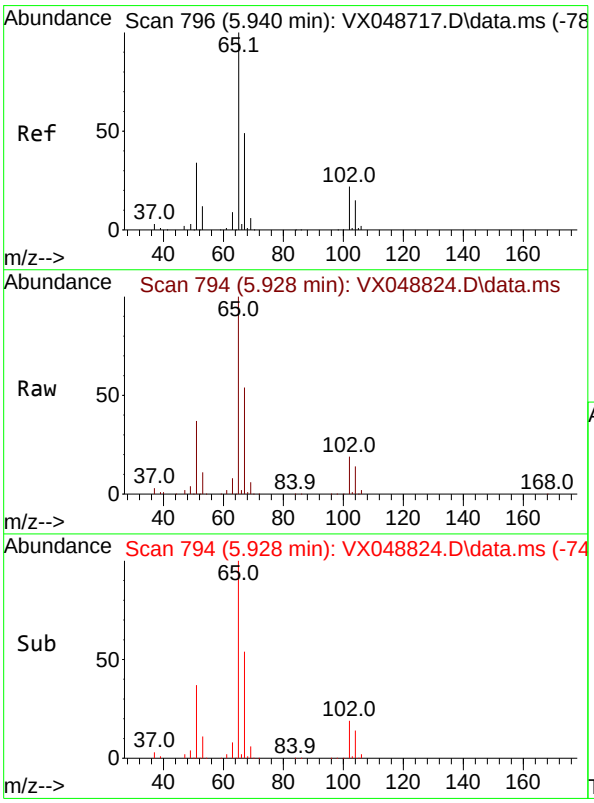
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048824.D
Acq: 11 Dec 2025 14:06

Instrument :
MSVOA_X
ClientSampleId :
VX1211WBL01

Tgt Ion:168 Resp: 251542

Ion	Ratio	Lower	Upper
168	100		
99	56.0	44.2	66.4

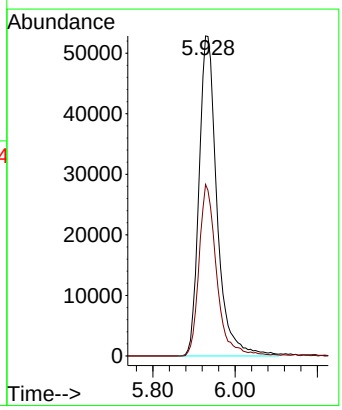


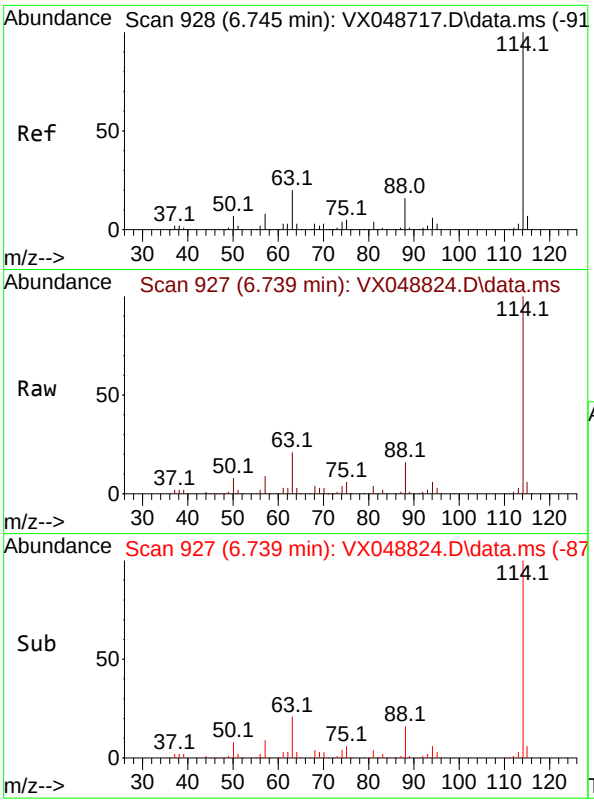


#33
1,2-Dichloroethane-d4
Concen: 47.462 ug/l
RT: 5.928 min Scan# 794
Delta R.T. -0.012 min
Lab File: VX048824.D
Acq: 11 Dec 2025 14:06

Tgt Ion: 65 Resp: 160238

Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	107.4



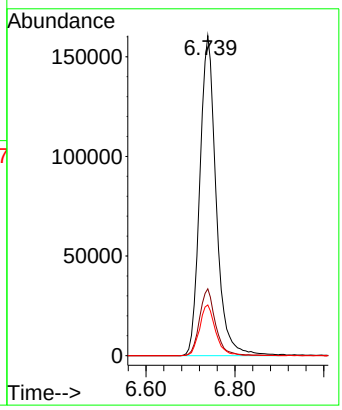


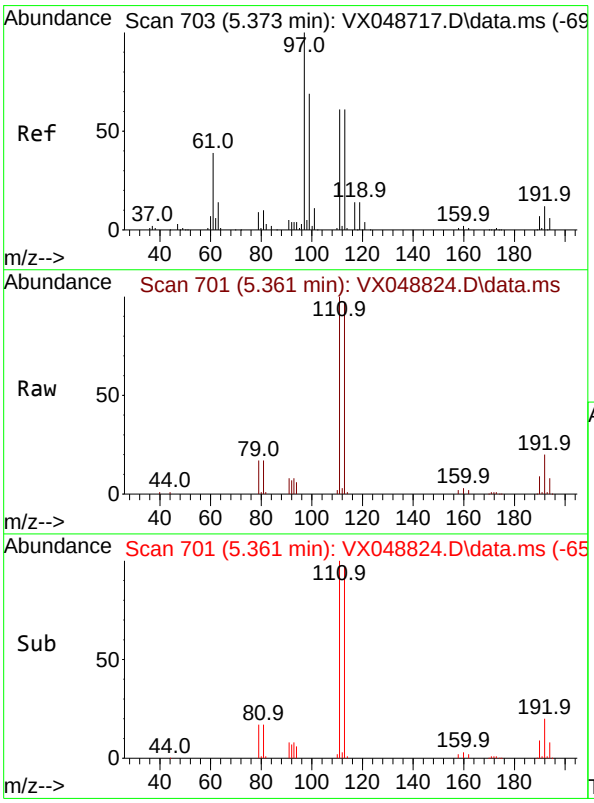
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.739 min Scan# 9
Delta R.T. -0.006 min
Lab File: VX048824.D
Acq: 11 Dec 2025 14:06

Instrument :
MSVOA_X
ClientSampleId :
VX1211WBL01

Tgt Ion:114 Resp: 411094

Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	39.0
88	15.8	0.0	31.8

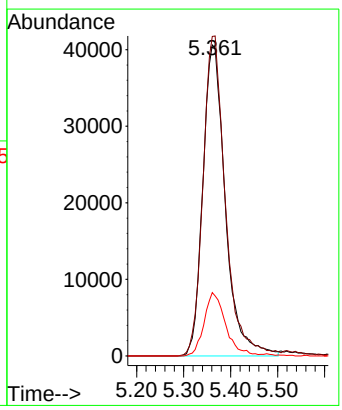


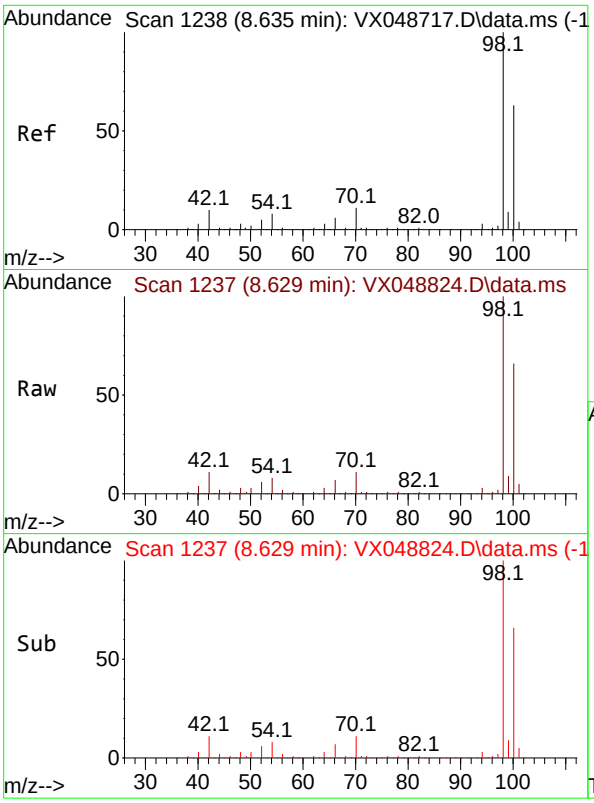


#35
Dibromofluoromethane
Concen: 47.683 ug/l
RT: 5.361 min Scan# 701
Delta R.T. -0.012 min
Lab File: VX048824.D
Acq: 11 Dec 2025 14:06

Tgt Ion:113 Resp: 134968

Ion	Ratio	Lower	Upper
113	100		
111	102.1	79.5	119.3
192	19.5	16.1	24.1



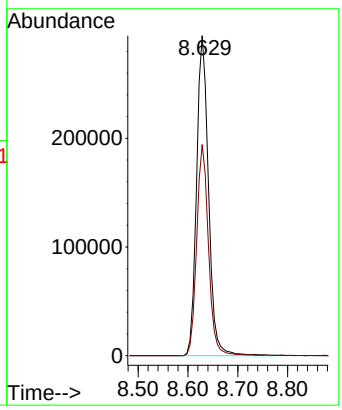


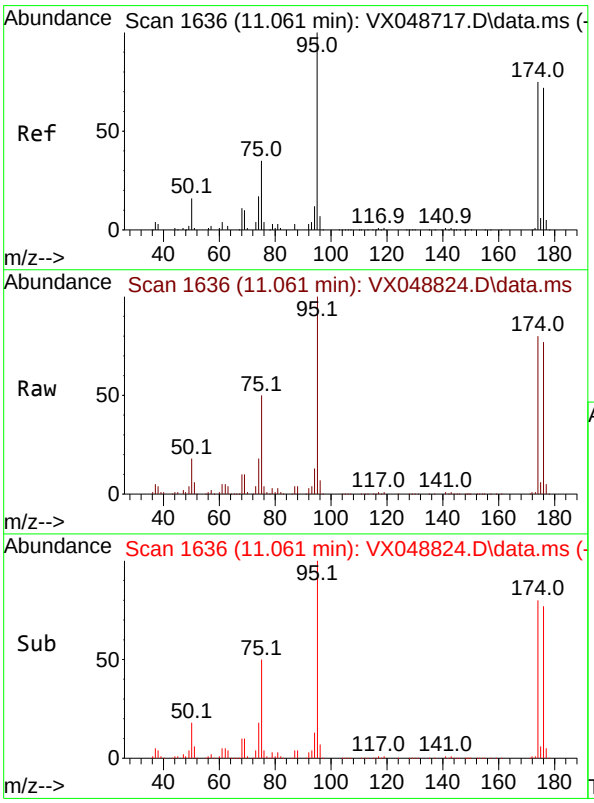
#50
Toluene-d8
Concen: 49.382 ug/l
RT: 8.629 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048824.D
Acq: 11 Dec 2025 14:06

Instrument :
MSVOA_X
ClientSampleId :
VX1211WBL01

Tgt Ion: 98 Resp: 489960

Ion	Ratio	Lower	Upper
98	100		
100	65.2	53.4	80.0

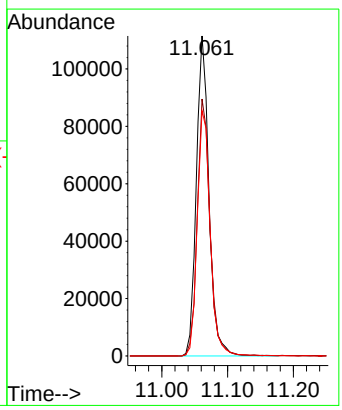


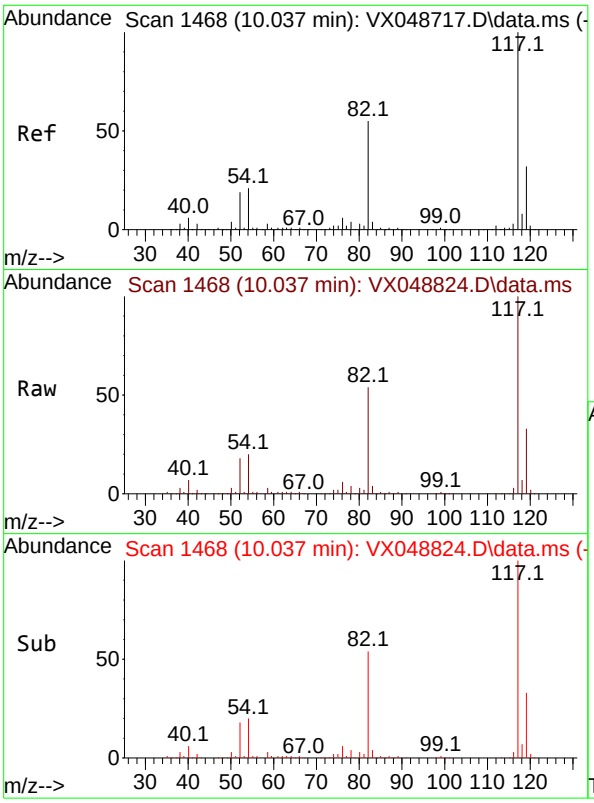


#62
4-Bromofluorobenzene
Concen: 43.443 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048824.D
Acq: 11 Dec 2025 14:06

Tgt Ion: 95 Resp: 148637

Ion	Ratio	Lower	Upper
95	100		
174	80.8	0.0	157.8
176	79.0	0.0	154.0



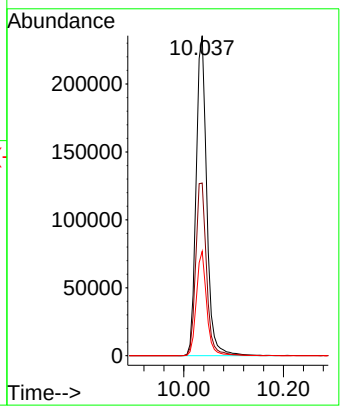


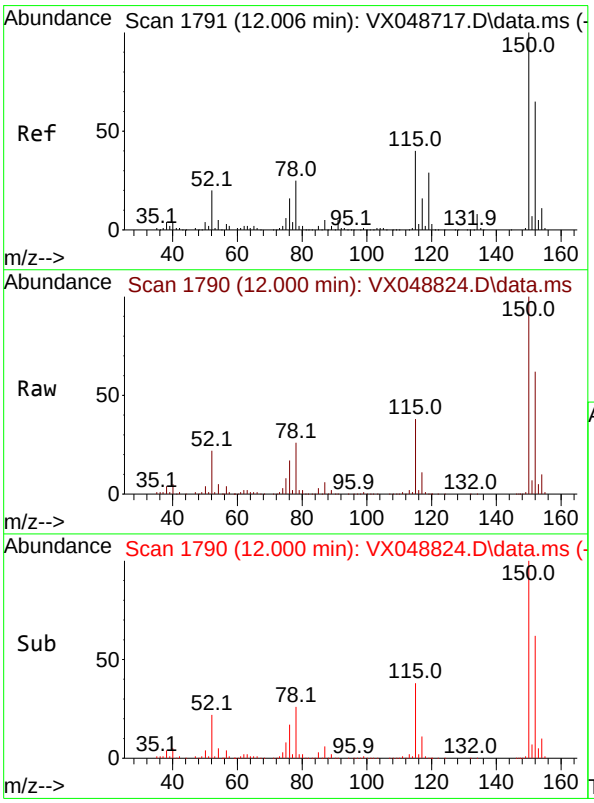
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048824.D
Acq: 11 Dec 2025 14:06

Instrument :
MSVOA_X
ClientSampleId :
VX1211WBL01

Tgt Ion:117 Resp: 347963

Ion	Ratio	Lower	Upper
117	100		
82	54.0	44.1	66.1
119	32.6	25.2	37.8

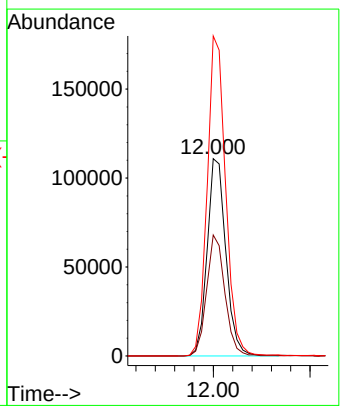




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.000 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VX048824.D
Acq: 11 Dec 2025 14:06

Tgt Ion:152 Resp: 149114

Ion	Ratio	Lower	Upper
152	100		
115	60.0	42.1	126.4
150	160.5	0.0	347.8



Raw Data: **VX048842.D**

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

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	
Client Sample ID:	VX1212WBL01	SDG No.:	Q3828
Lab Sample ID:	VX1212WBL01	Matrix:	Water
Analytical Method:	8260D Level: LOW	% Solid:	0
Sample Wt/Vol:	5 mL Final Vol: 5000 uL	Test:	VOCMS Group3

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-01-4	Vinyl Chloride	0.26	U	1	0.26	1.00	ug/L	12/12/25 10:31	VX121225
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	12/12/25 10:31	VX121225
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	12/12/25 10:31	VX121225
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	12/12/25 10:31	VX121225
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	12/12/25 10:31	VX121225
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	12/12/25 10:31	VX121225
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	12/12/25 10:31	VX121225
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	12/12/25 10:31	VX121225
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	12/12/25 10:31	VX121225
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	12/12/25 10:31	VX121225
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	57.7			70 (74) - 130 (125)	115%	SPK: 50		
1868-53-7	Dibromofluoromethane	47.6			70 (75) - 130 (124)	95%	SPK: 50		
2037-26-5	Toluene-d8	47.8			70 (86) - 130 (113)	96%	SPK: 50		
460-00-4	4-Bromofluorobenzene	60.2			70 (77) - 130 (121)	120%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	158000							
540-36-3	1,4-Difluorobenzene	331000							
3114-55-4	Chlorobenzene-d5	358000							
3855-82-1	1,4-Dichlorobenzene-d4	186000							

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\VX121225\
Data File : VX048842.D
Acq On : 12 Dec 2025 10:31
Operator : JC/MD
Sample : VX1212WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBL01

Quant Time: Dec 12 22:08:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 03:27:34 2025
Response via : Initial Calibration

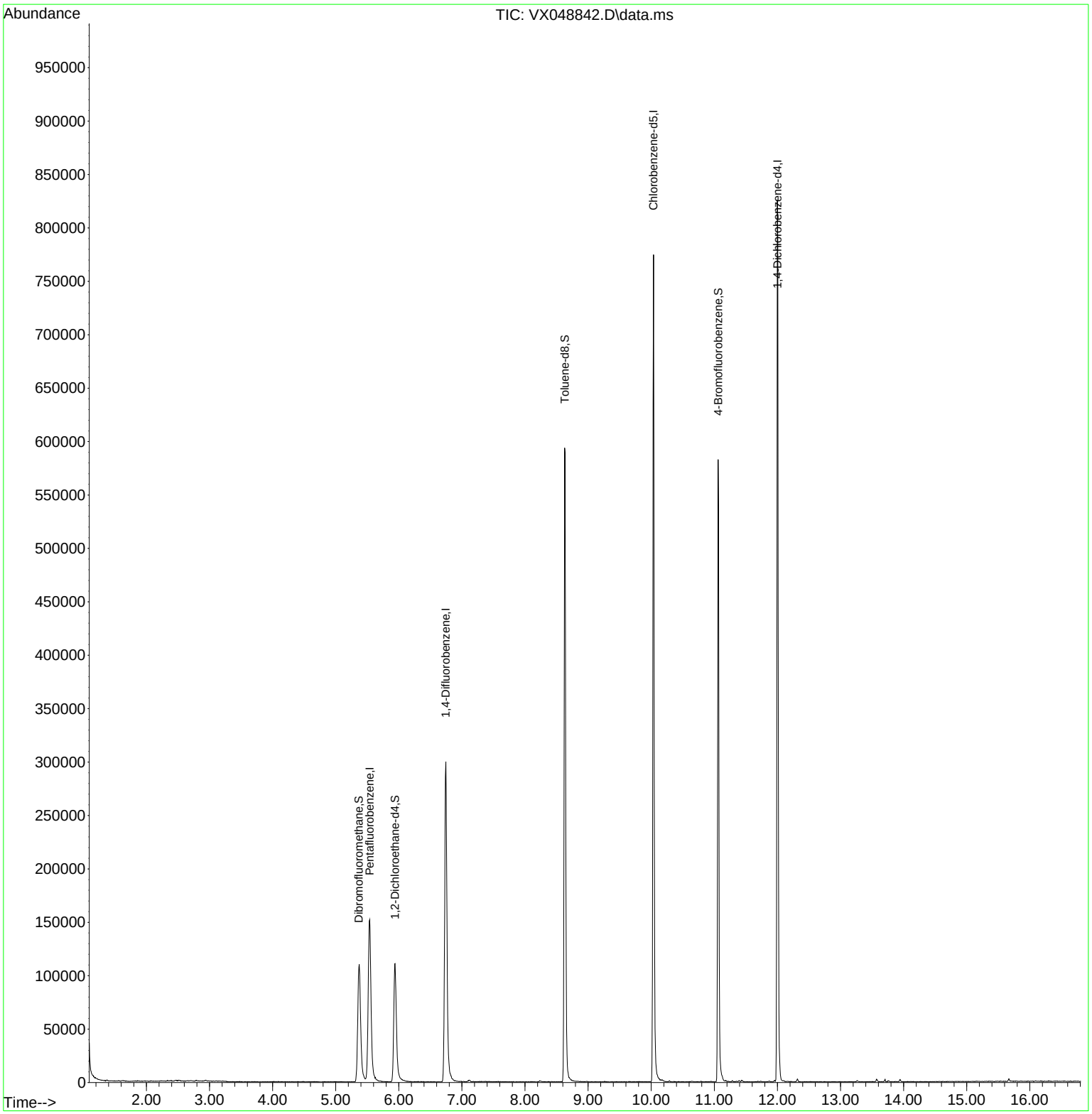
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.538	168	157967	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	331453	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	357991	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.000	152	186392	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	122324	57.694	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 115.380%			
35) Dibromofluoromethane	5.367	113	108700	47.630	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.260%			
50) Toluene-d8	8.628	98	382048	47.757	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 95.520%			
62) 4-Bromofluorobenzene	11.061	95	165963	60.163	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 120.320%			
Target Compounds						Qvalue

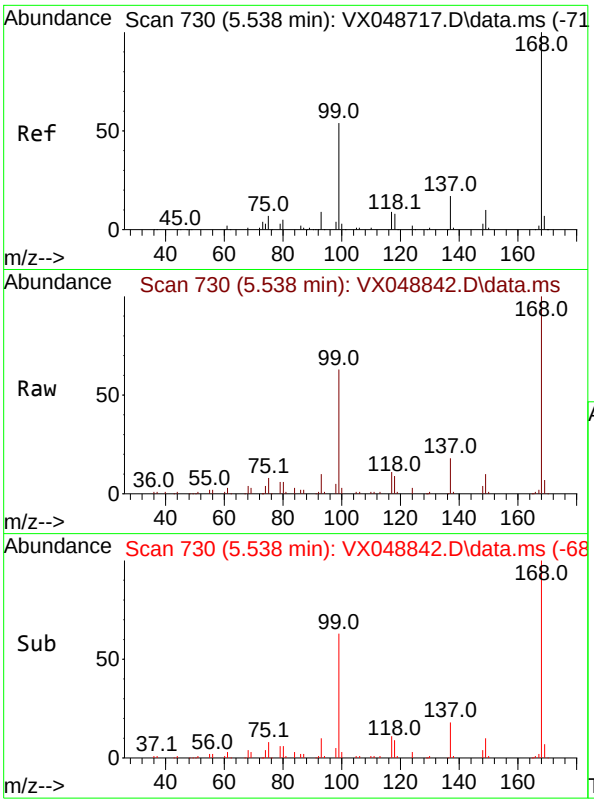
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121225\
Data File : VX048842.D
Acq On : 12 Dec 2025 10:31
Operator : JC/MD
Sample : VX1212WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBL01

Quant Time: Dec 12 22:08:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 03:27:34 2025
Response via : Initial Calibration



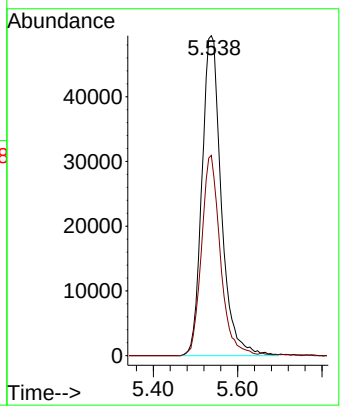


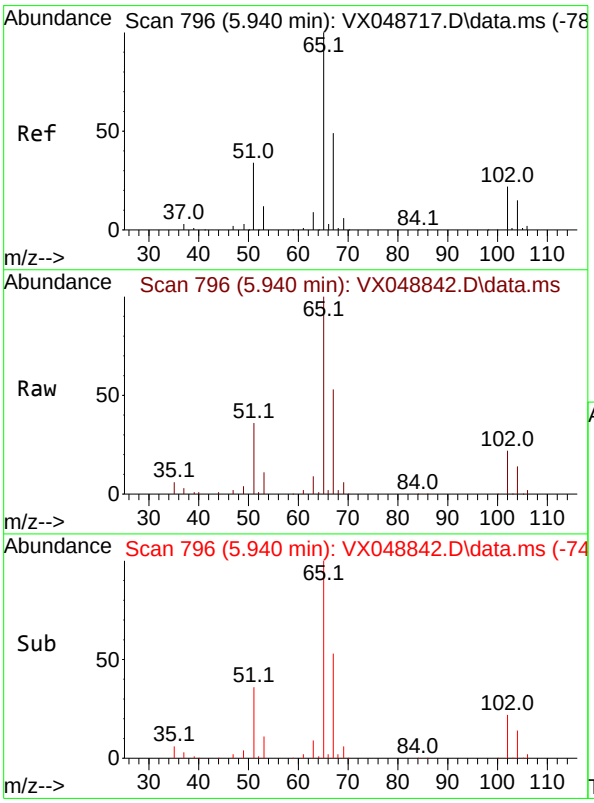
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048842.D
Acq: 12 Dec 2025 10:31

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBL01

Tgt Ion:168 Resp: 157967

Ion	Ratio	Lower	Upper
168	100		
99	62.6	44.2	66.4

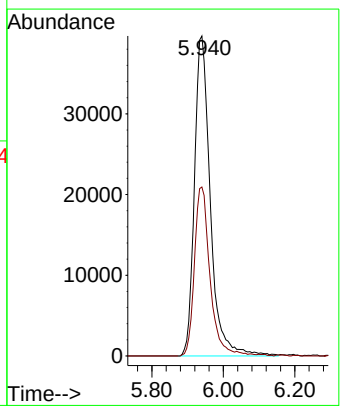


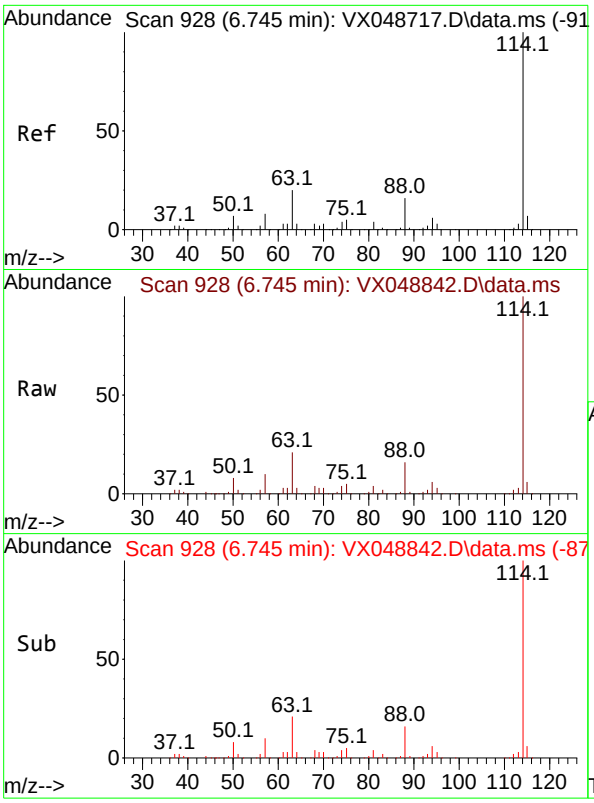


#33
1,2-Dichloroethane-d4
Concen: 57.694 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048842.D
Acq: 12 Dec 2025 10:31

Tgt Ion: 65 Resp: 122324

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	107.4



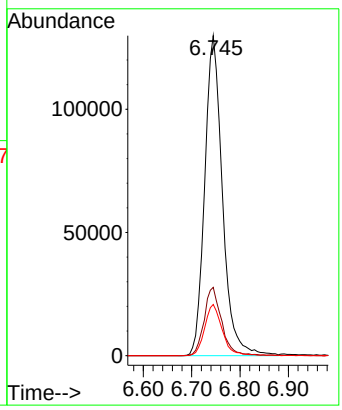


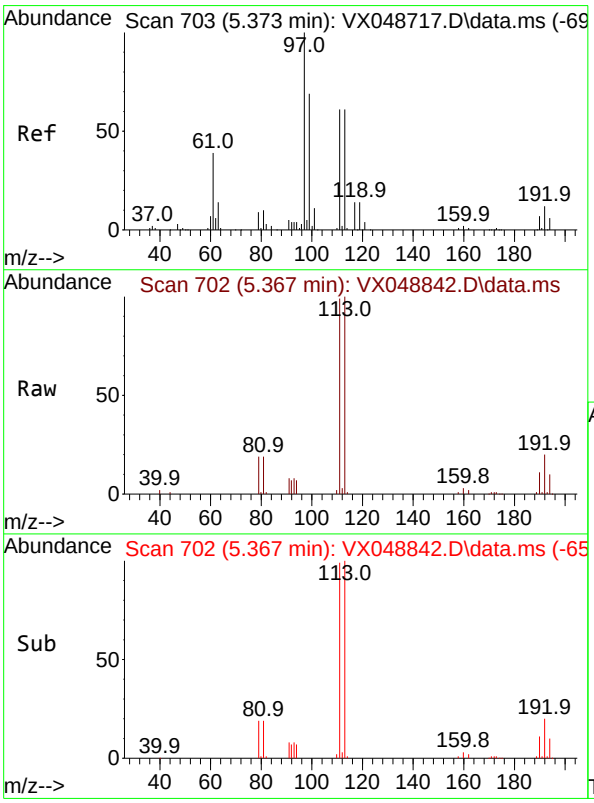
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX048842.D
Acq: 12 Dec 2025 10:31

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBL01

Tgt Ion:114 Resp: 331453

Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	39.0
88	16.0	0.0	31.8

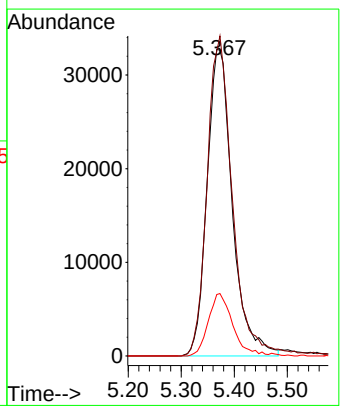


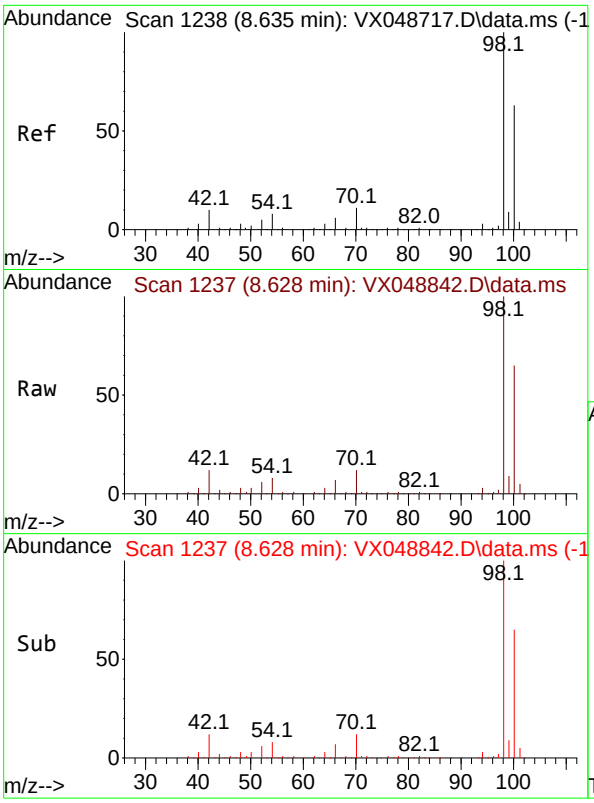


#35
Dibromofluoromethane
Concen: 47.630 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048842.D
Acq: 12 Dec 2025 10:31

Tgt Ion:113 Resp: 108700

Ion	Ratio	Lower	Upper
113	100		
111	104.3	79.5	119.3
192	19.6	16.1	24.1



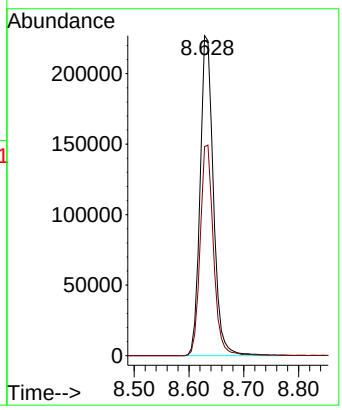


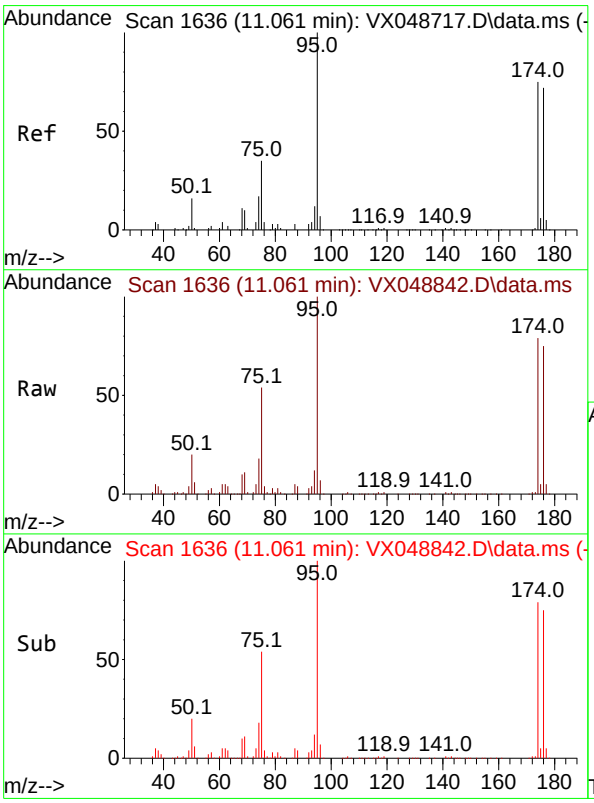
#50
Toluene-d8
Concen: 47.757 ug/l
RT: 8.628 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048842.D
Acq: 12 Dec 2025 10:31

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBL01

Tgt Ion: 98 Resp: 382048

Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.4	80.0

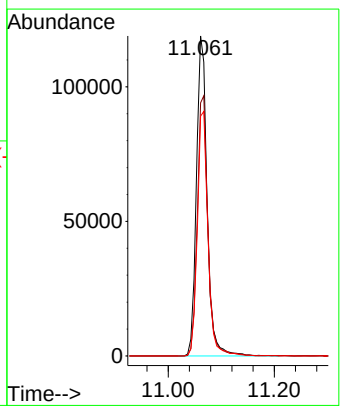


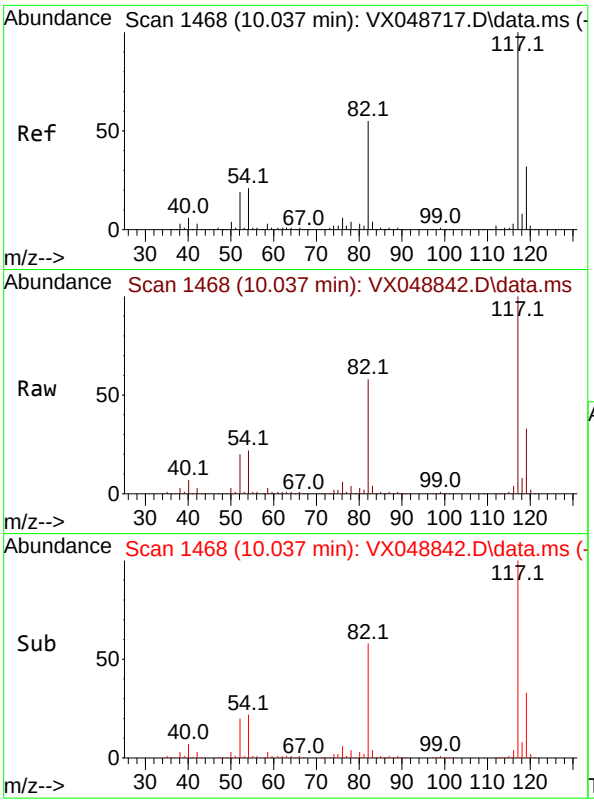


#62
4-Bromofluorobenzene
Concen: 60.163 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048842.D
Acq: 12 Dec 2025 10:31

Tgt Ion: 95 Resp: 165963

Ion	Ratio	Lower	Upper
95	100		
174	81.8	0.0	157.8
176	76.5	0.0	154.0



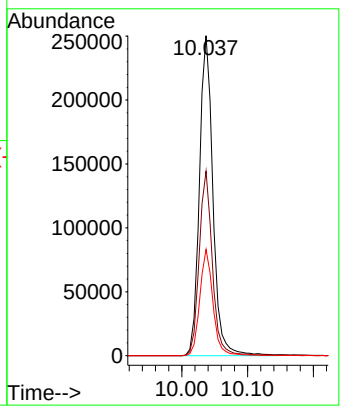


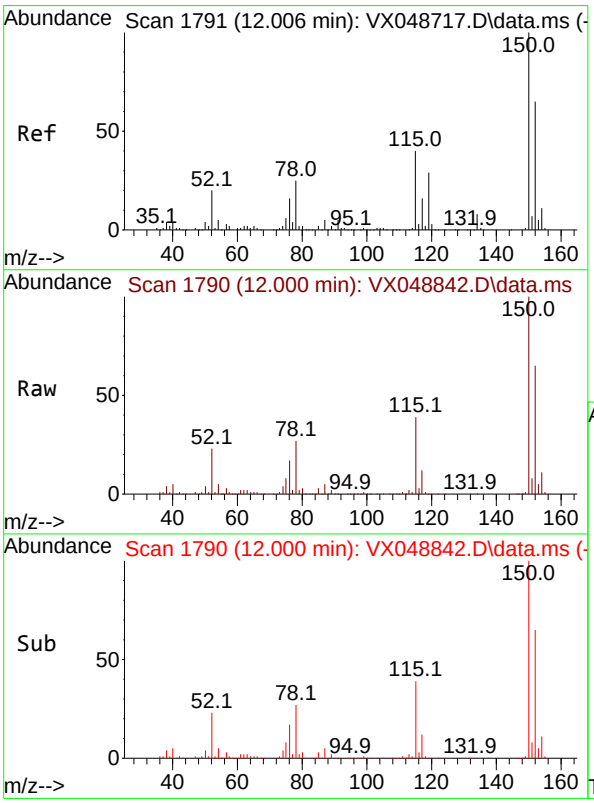
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048842.D
Acq: 12 Dec 2025 10:31

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBL01

Tgt Ion:117 Resp: 357991

Ion	Ratio	Lower	Upper
117	100		
82	57.6	44.1	66.1
119	33.2	25.2	37.8

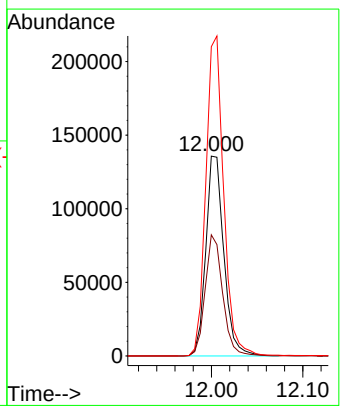




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.000 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VX048842.D
Acq: 12 Dec 2025 10:31

Tgt Ion:152 Resp: 186392

Ion	Ratio	Lower	Upper
152	100		
115	58.9	42.1	126.4
150	158.1	0.0	347.8



Raw Data: **VX048825.D**

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

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	
Client Sample ID:	VX1211WBS01	SDG No.:	Q3828
Lab Sample ID:	VX1211WBS01	Matrix:	Water
Analytical Method:	8260D Level: LOW	% Solid:	0
Sample Wt/Vol:	5 mL Final Vol: 5000 uL	Test:	VOCMS Group3

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-01-4	Vinyl Chloride	16.7		1	0.26	1.00	ug/L	12/11/25 14:31	VX121125
75-35-4	1,1-Dichloroethene	16.8		1	0.23	1.00	ug/L	12/11/25 14:31	VX121125
75-34-3	1,1-Dichloroethane	19.6		1	0.23	1.00	ug/L	12/11/25 14:31	VX121125
156-59-2	cis-1,2-Dichloroethene	19.0		1	0.19	1.00	ug/L	12/11/25 14:31	VX121125
71-55-6	1,1,1-Trichloroethane	18.4		1	0.20	1.00	ug/L	12/11/25 14:31	VX121125
71-43-2	Benzene	18.4		1	0.15	1.00	ug/L	12/11/25 14:31	VX121125
107-06-2	1,2-Dichloroethane	18.5		1	0.22	1.00	ug/L	12/11/25 14:31	VX121125
79-01-6	Trichloroethene	17.2		1	0.090	1.00	ug/L	12/11/25 14:31	VX121125
79-00-5	1,1,2-Trichloroethane	18.0		1	0.21	1.00	ug/L	12/11/25 14:31	VX121125
127-18-4	Tetrachloroethene	15.7		1	0.23	1.00	ug/L	12/11/25 14:31	VX121125
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	56.0			70 (74) - 130 (125)	112%	SPK: 50		
1868-53-7	Dibromofluoromethane	54.6			70 (75) - 130 (124)	109%	SPK: 50		
2037-26-5	Toluene-d8	53.0			70 (86) - 130 (113)	106%	SPK: 50		
460-00-4	4-Bromofluorobenzene	55.2			70 (77) - 130 (121)	110%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	197000							
540-36-3	1,4-Difluorobenzene	328000							
3114-55-4	Chlorobenzene-d5	299000							
3855-82-1	1,4-Dichlorobenzene-d4	146000							

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\VX121125\
Data File : VX048825.D
Acq On : 11 Dec 2025 14:31
Operator : JC/MD
Sample : VX1211WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 11 23:49:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 03:27:34 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1211WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 12/12/2025
Supervised By :Mahesh Dadoda 12/12/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.531	168	197059	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.739	114	327688	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	298607	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.000	152	146374	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	148158	56.017	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 112.040%			
35) Dibromofluoromethane	5.367	113	123107	54.562	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.120%			
50) Toluene-d8	8.629	98	419089	52.990	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.980%			
62) 4-Bromofluorobenzene	11.061	95	150623	55.229	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.460%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	42030	20.933	ug/l	98
3) Chloromethane	1.301	50	42135	16.630	ug/l	98
4) Vinyl Chloride	1.380	62	44970	16.666	ug/l	99
5) Bromomethane	1.618	94	32820	19.682	ug/l	99
6) Chloroethane	1.697	64	27715	16.503	ug/l	96
7) Trichlorofluoromethane	1.898	101	65765	17.005	ug/l	93
8) Diethyl Ether	2.136	74	24779	16.053	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.337	101	38440	17.145	ug/l	99
10) Methyl Iodide	2.453	142	54613	17.110	ug/l	99
11) Tert butyl alcohol	2.928	59	18222	42.673	ug/l	98
12) 1,1-Dichloroethene	2.325	96	38362	16.765	ug/l	94
13) Acrolein	2.233	56	16542	73.852	ug/l	100
14) Allyl chloride	2.666	41	69062	17.976	ug/l	97
15) Acrylonitrile	3.050	53	90782	68.228	ug/l	99
16) Acetone	2.367	43	54892	54.213	ug/l	99
17) Carbon Disulfide	2.514	76	105901	15.936	ug/l	99
18) Methyl Acetate	2.697	43	38307	13.447	ug/l	98
19) Methyl tert-butyl Ether	3.099	73	128684	17.280	ug/l	99
20) Methylene Chloride	2.788	84	45763	18.082	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	41888	17.936	ug/l	92
22) Diisopropyl ether	3.745	45	146109	20.349	ug/l	96
23) Vinyl Acetate	3.709	43	547362	90.727	ug/l	98
24) 1,1-Dichloroethane	3.599	63	78467	19.598	ug/l	100
25) 2-Butanone	4.532	43	91398	61.161	ug/l	97
26) 2,2-Dichloropropane	4.459	77	65419	18.465	ug/l	98
27) cis-1,2-Dichloroethene	4.471	96	50178	19.040	ug/l	95
28) Bromochloromethane	4.879	49	34087	17.369	ug/l	89
29) Tetrahydrofuran	4.983	42	62063	54.390	ug/l	96
30) Chloroform	5.074	83	83761	19.524	ug/l	98
31) Cyclohexane	5.458	56	61602	17.232	ug/l	98
32) 1,1,1-Trichloroethane	5.361	97	70879	18.439	ug/l	98
36) 1,1-Dichloropropene	5.672	75	50442	16.323	ug/l	99
37) Ethyl Acetate	4.690	43	43514	11.784	ug/l	99
38) Carbon Tetrachloride	5.660	117	60156	17.186	ug/l	99
39) Methylcyclohexane	7.360	83	59327	16.236	ug/l	97
40) Benzene	6.019	78	168656	18.410	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121125\
Data File : VX048825.D
Acq On : 11 Dec 2025 14:31
Operator : JC/MD
Sample : VX1211WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 11 23:49:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 03:27:34 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1211WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 12/12/2025
Supervised By :Mahesh Dadoda 12/12/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.904	41	24820	14.773	ug/l		95
42) 1,2-Dichloroethane	6.068	62	60127	18.544	ug/l		98
43) Isopropyl Acetate	6.318	43	78902	14.111	ug/l		97
44) Trichloroethene	7.104	130	41171	17.224	ug/l		97
45) 1,2-Dichloropropane	7.415	63	43537	19.014	ug/l		99
46) Dibromomethane	7.562	93	30626	17.638	ug/l		98
47) Bromodichloromethane	7.805	83	66162	18.276	ug/l		99
48) Methyl methacrylate	7.677	41	38952	13.849	ug/l		96
49) 1,4-Dioxane	7.641	88	8292	214.358	ug/l		95
51) 4-Methyl-2-Pentanone	8.555	43	223111	64.287	ug/l		97
52) Toluene	8.702	92	104867	18.983	ug/l		99
53) t-1,3-Dichloropropene	8.964	75	63009	18.295	ug/l		99
54) cis-1,3-Dichloropropene	8.348	75	71682	19.366	ug/l		97
55) 1,1,2-Trichloroethane	9.134	97	39991	17.992	ug/l		98
56) Ethyl methacrylate	9.098	69	56238	16.165	ug/l		99
57) 1,3-Dichloropropane	9.287	76	66673	18.040	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.220	63	161504	85.889	ug/l		98
59) 2-Hexanone	9.409	43	145855	59.868	ug/l		97
60) Dibromochloromethane	9.500	129	50823	18.492	ug/l		98
61) 1,2-Dibromoethane	9.592	107	40972	17.032	ug/l		99
64) Tetrachloroethene	9.256	164	34265	15.743	ug/l		98
65) Chlorobenzene	10.061	112	116939	17.891	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.147	131	41672	17.825	ug/l		99
67) Ethyl Benzene	10.177	91	193320	18.125	ug/l		98
68) m/p-Xylenes	10.281	106	146531	35.269	ug/l		100
69) o-Xylene	10.622	106	70674	18.154	ug/l		99
70) Styrene	10.634	104	123140	18.425	ug/l		99
71) Bromoform	10.781	173	31663	15.171	ug/l	#	100
73) Isopropylbenzene	10.945	105	182580	18.510	ug/l		99
74) N-amyl acetate	10.823	43	68777	16.047	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.195	83	50263	15.102	ug/l		99
76) 1,2,3-Trichloropropane	11.220	75	45076m	16.534	ug/l		
77) Bromobenzene	11.177	156	47902	18.195	ug/l		99
78) n-propylbenzene	11.287	91	213756	18.711	ug/l		100
79) 2-Chlorotoluene	11.348	91	129149	18.539	ug/l		99
80) 1,3,5-Trimethylbenzene	11.433	105	151165	18.644	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.000	75	15482	13.489	ug/l	#	82
82) 4-Chlorotoluene	11.433	91	152592	18.770	ug/l		100
83) tert-Butylbenzene	11.695	119	152114	18.056	ug/l		99
84) 1,2,4-Trimethylbenzene	11.732	105	153686	18.791	ug/l		99
85) sec-Butylbenzene	11.872	105	185721	18.190	ug/l		100
86) p-Isopropyltoluene	11.988	119	156080	17.884	ug/l		99
87) 1,3-Dichlorobenzene	11.951	146	86544	17.832	ug/l		99
88) 1,4-Dichlorobenzene	12.024	146	88704	17.686	ug/l		99
89) n-Butylbenzene	12.311	91	140752	17.225	ug/l		99
90) Hexachloroethane	12.518	117	29995	16.839	ug/l		99
91) 1,2-Dichlorobenzene	12.317	146	82670	17.569	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.927	75	9177	11.330	ug/l		94
93) 1,2,4-Trichlorobenzene	13.567	180	51944	16.715	ug/l		99
94) Hexachlorobutadiene	13.707	225	19807	15.408	ug/l		98
95) Naphthalene	13.756	128	135066	16.521	ug/l		100
96) 1,2,3-Trichlorobenzene	13.939	180	47733	16.655	ug/l		99

Sample Results: **VX048825.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121125\
Data File : VX048825.D
Acq On : 11 Dec 2025 14:31
Operator : JC/MD
Sample : VX1211WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 11 23:49:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 03:27:34 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1211WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 12/12/2025
Supervised By :Mahesh Dadoda 12/12/2025

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

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

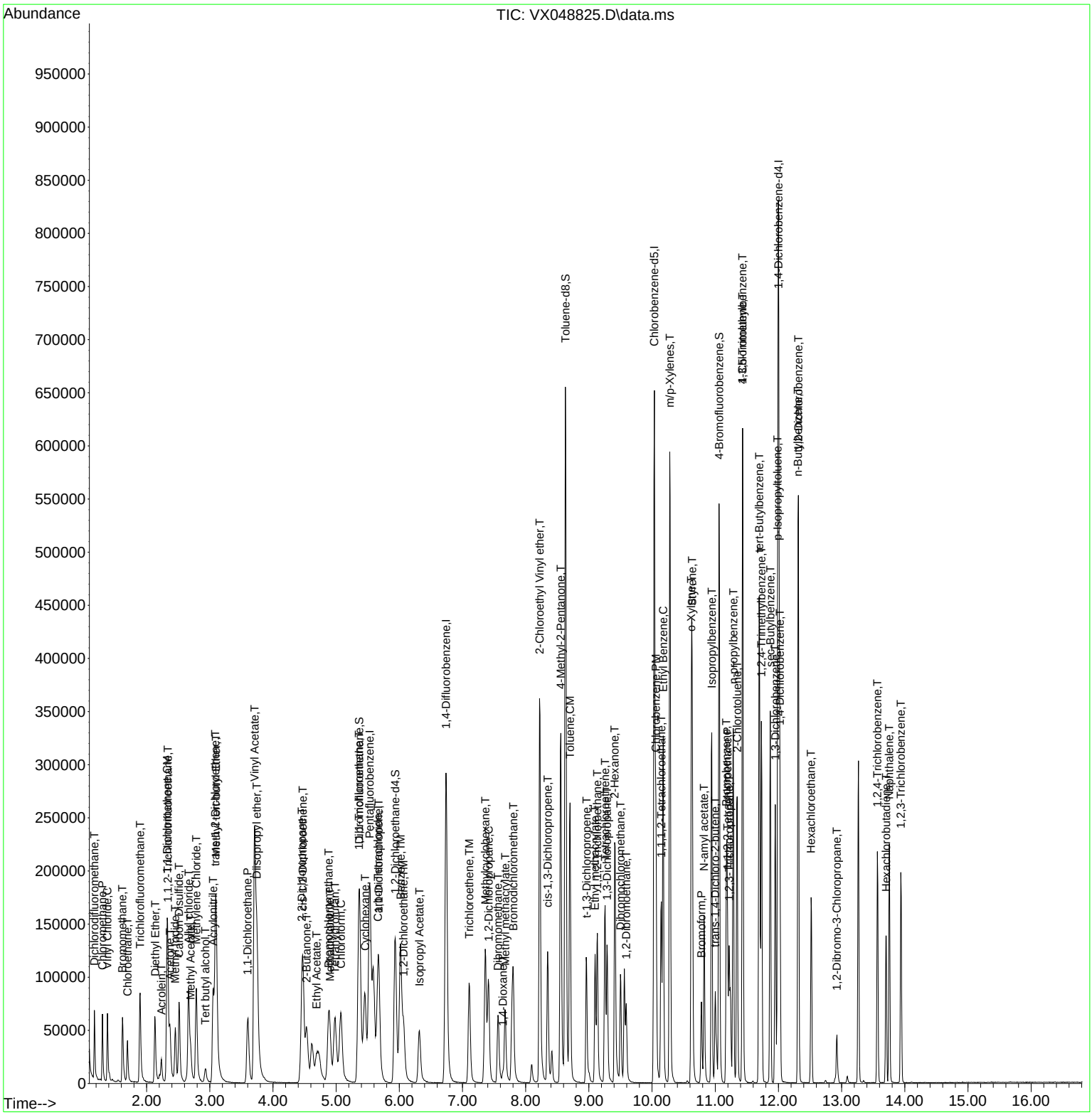
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121125\
Data File : VX048825.D
Acq On : 11 Dec 2025 14:31
Operator : JC/MD
Sample : VX1211WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 11 23:49:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 03:27:34 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1211WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 12/12/2025
Supervised By :Mahesh Dadoda 12/12/2025



Raw Data: **VX048843.D**

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

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	
Client Sample ID:	VX1212WBS01	SDG No.:	Q3828
Lab Sample ID:	VX1212WBS01	Matrix:	Water
Analytical Method:	8260D Level: LOW	% Solid:	0
Sample Wt/Vol:	5 mL Final Vol: 5000 uL	Test:	VOCMS Group3

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-01-4	Vinyl Chloride	18.1		1	0.26	1.00	ug/L	12/12/25 10:52	VX121225
75-35-4	1,1-Dichloroethene	18.1		1	0.23	1.00	ug/L	12/12/25 10:52	VX121225
75-34-3	1,1-Dichloroethane	22.6		1	0.23	1.00	ug/L	12/12/25 10:52	VX121225
156-59-2	cis-1,2-Dichloroethene	21.3		1	0.19	1.00	ug/L	12/12/25 10:52	VX121225
71-55-6	1,1,1-Trichloroethane	20.6		1	0.20	1.00	ug/L	12/12/25 10:52	VX121225
71-43-2	Benzene	20.8		1	0.15	1.00	ug/L	12/12/25 10:52	VX121225
107-06-2	1,2-Dichloroethane	21.2		1	0.22	1.00	ug/L	12/12/25 10:52	VX121225
79-01-6	Trichloroethene	19.9		1	0.090	1.00	ug/L	12/12/25 10:52	VX121225
79-00-5	1,1,2-Trichloroethane	19.7		1	0.21	1.00	ug/L	12/12/25 10:52	VX121225
127-18-4	Tetrachloroethene	17.2		1	0.23	1.00	ug/L	12/12/25 10:52	VX121225
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	60.2			70 (74) - 130 (125)	120%	SPK: 50		
1868-53-7	Dibromofluoromethane	56.5			70 (75) - 130 (124)	113%	SPK: 50		
2037-26-5	Toluene-d8	55.6			70 (86) - 130 (113)	111%	SPK: 50		
460-00-4	4-Bromofluorobenzene	60.4			70 (77) - 130 (121)	121%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	147000							
540-36-3	1,4-Difluorobenzene	248000							
3114-55-4	Chlorobenzene-d5	232000							
3855-82-1	1,4-Dichlorobenzene-d4	122000							

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: **VX048843.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121225\
Data File : VX048843.D
Acq On : 12 Dec 2025 10:52
Operator : JC/MD
Sample : VX1212WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 12 22:09:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 03:27:34 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/16/2025
Supervised By :Semsettin Yesilyurt 12/16/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.538	168	146797	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.739	114	247822	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	232443	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	121851	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	118663	60.226	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 120.460%#			
35) Dibromofluoromethane	5.367	113	96398	56.494	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 112.980%			
50) Toluene-d8	8.629	98	332830	55.645	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 111.300%			
62) 4-Bromofluorobenzene	11.061	95	124546	60.385	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 120.760%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	33486	22.388	ug/l	100
3) Chloromethane	1.301	50	36390	19.280	ug/l	97
4) Vinyl Chloride	1.380	62	36399	18.108	ug/l	99
5) Bromomethane	1.618	94	27718	22.314	ug/l	96
6) Chloroethane	1.697	64	23654	18.908	ug/l	98
7) Trichlorofluoromethane	1.898	101	55831	19.379	ug/l	99
8) Diethyl Ether	2.130	74	21596	18.781	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.337	101	30852	18.473	ug/l	98
10) Methyl Iodide	2.453	142	44770	18.829	ug/l	95
11) Tert butyl alcohol	2.941	59	13870	43.602	ug/l	98
12) 1,1-Dichloroethene	2.325	96	30789	18.062	ug/l	96
13) Acrolein	2.233	56	22435	101.486	ug/l	96
14) Allyl chloride	2.666	41	59812	20.899	ug/l	96
15) Acrylonitrile	3.056	53	71257	71.890	ug/l	98
16) Acetone	2.374	43	42945	56.936	ug/l	98
17) Carbon Disulfide	2.514	76	86753	17.525	ug/l	100
18) Methyl Acetate	2.697	43	31147	14.677	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	106158	19.136	ug/l	94
20) Methylene Chloride	2.788	84	37828	20.065	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	33578	19.300	ug/l	97
22) Diisopropyl ether	3.751	45	124793	23.331	ug/l	86
23) Vinyl Acetate	3.715	43	445259	99.073	ug/l	97
24) 1,1-Dichloroethane	3.599	63	67542	22.645	ug/l	99
25) 2-Butanone	4.544	43	70706	63.515	ug/l	90
26) 2,2-Dichloropropane	4.465	77	54484	20.645	ug/l	100
27) cis-1,2-Dichloroethene	4.477	96	41827	21.305	ug/l	95
28) Bromochloromethane	4.885	49	27185	18.595	ug/l	85
29) Tetrahydrofuran	4.995	42	48328	56.854	ug/l	90
30) Chloroform	5.080	83	69412	21.719	ug/l	100
31) Cyclohexane	5.458	56	48476	18.204	ug/l	91
32) 1,1,1-Trichloroethane	5.367	97	58953	20.587	ug/l	96
36) 1,1-Dichloropropene	5.678	75	42199	18.056	ug/l	100
37) Ethyl Acetate	4.702	43	36231	12.974	ug/l	99
38) Carbon Tetrachloride	5.666	117	51562	19.478	ug/l	91
39) Methylcyclohexane	7.367	83	47252	17.098	ug/l	97
40) Benzene	6.025	78	144242	20.820	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121225\
Data File : VX048843.D
Acq On : 12 Dec 2025 10:52
Operator : JC/MD
Sample : VX1212WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 12 22:09:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 03:27:34 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/16/2025
Supervised By :Semsettin Yesilyurt 12/16/2025

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	4.910	41	20900	16.449 ug/l	91
42) 1,2-Dichloroethane	6.068	62	51924	21.175 ug/l	96
43) Isopropyl Acetate	6.324	43	61866	14.630 ug/l	96
44) Trichloroethene	7.111	130	35903	19.861 ug/l	96
45) 1,2-Dichloropropane	7.409	63	37235	21.503 ug/l	98
46) Dibromomethane	7.568	93	25187	19.180 ug/l	97
47) Bromodichloromethane	7.806	83	56150	20.509 ug/l	99
48) Methyl methacrylate	7.677	41	31313	14.721 ug/l	96
49) 1,4-Dioxane	7.641	88	5851	200.001 ug/l #	90
51) 4-Methyl-2-Pentanone	8.555	43	174833	66.611 ug/l	96
52) Toluene	8.702	92	86760	20.767 ug/l	95
53) t-1,3-Dichloropropene	8.964	75	53062	20.372 ug/l	100
54) cis-1,3-Dichloropropene	8.348	75	60405	21.579 ug/l	99
55) 1,1,2-Trichloroethane	9.135	97	33086	19.683 ug/l	99
56) Ethyl methacrylate	9.098	69	45468	17.281 ug/l	97
57) 1,3-Dichloropropane	9.293	76	56755	20.305 ug/l	100
58) 2-Chloroethyl Vinyl ether	8.226	63	111133	78.148 ug/l	98
59) 2-Hexanone	9.415	43	113766	61.746 ug/l	97
60) Dibromochloromethane	9.506	129	42164	20.285 ug/l	98
61) 1,2-Dibromoethane	9.592	107	34249	18.825 ug/l	99
64) Tetrachloroethene	9.256	164	29079	17.163 ug/l	98
65) Chlorobenzene	10.061	112	99056	19.469 ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.147	131	36195	19.889 ug/l	98
67) Ethyl Benzene	10.177	91	163947	19.747 ug/l	98
68) m/p-Xylenes	10.287	106	125639	38.849 ug/l	100
69) o-Xylene	10.622	106	60618	20.003 ug/l	99
70) Styrene	10.634	104	105964	20.368 ug/l	100
71) Bromoform	10.781	173	26201	16.127 ug/l #	99
73) Isopropylbenzene	10.945	105	153085	18.643 ug/l	99
74) N-amyl acetate	10.823	43	54816	15.364 ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	42203	15.232 ug/l	99
76) 1,2,3-Trichloropropane	11.220	75	35964m	15.847 ug/l	
77) Bromobenzene	11.177	156	40775	18.605 ug/l	99
78) n-propylbenzene	11.287	91	180085	18.936 ug/l	100
79) 2-Chlorotoluene	11.348	91	112806	19.452 ug/l	100
80) 1,3,5-Trimethylbenzene	11.433	105	127537	18.896 ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	12034	12.595 ug/l	97
82) 4-Chlorotoluene	11.433	91	132535	19.584 ug/l	99
83) tert-Butylbenzene	11.695	119	126525	18.041 ug/l	100
84) 1,2,4-Trimethylbenzene	11.732	105	128461	18.868 ug/l	99
85) sec-Butylbenzene	11.872	105	155059	18.243 ug/l	99
86) p-Isopropyltoluene	11.988	119	133578	18.386 ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	75606	18.713 ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	77514	18.566 ug/l	99
89) n-Butylbenzene	12.311	91	120689	17.742 ug/l	99
90) Hexachloroethane	12.518	117	26148	17.634 ug/l	100
91) 1,2-Dichlorobenzene	12.317	146	73224	18.694 ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	7324	10.862 ug/l	98
93) 1,2,4-Trichlorobenzene	13.567	180	45113	17.438 ug/l	97
94) Hexachlorobutadiene	13.707	225	17666	16.509 ug/l	99
95) Naphthalene	13.756	128	112946	16.599 ug/l	100
96) 1,2,3-Trichlorobenzene	13.939	180	41792	17.517 ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121225\
Data File : VX048843.D
Acq On : 12 Dec 2025 10:52
Operator : JC/MD
Sample : VX1212WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/16/2025
Supervised By :Semsettin Yesilyurt 12/16/2025

Quant Time: Dec 12 22:09:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 03:27:34 2025
Response via : Initial Calibration

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

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

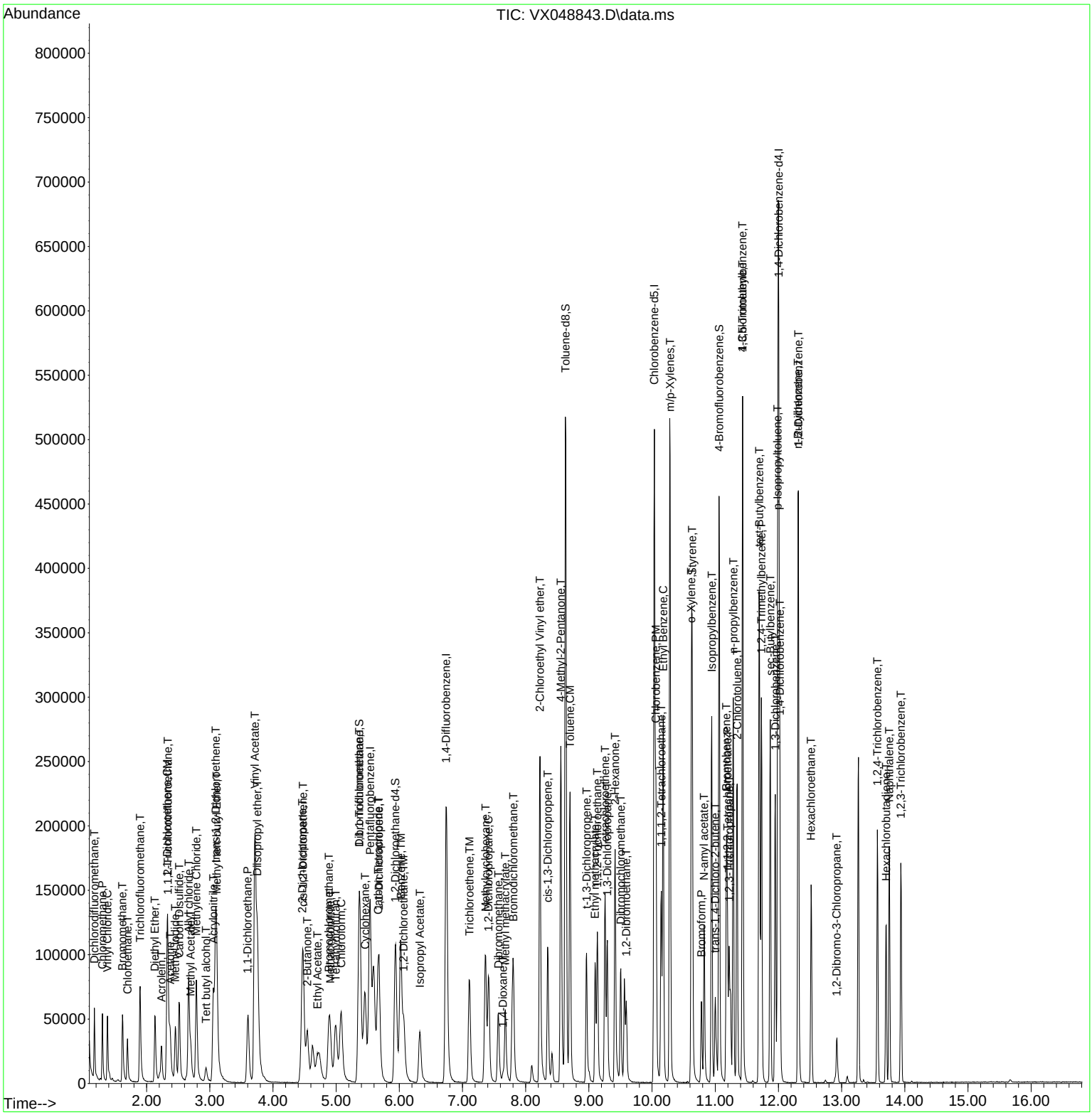
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121225\
Data File : VX048843.D
Acq On : 12 Dec 2025 10:52
Operator : JC/MD
Sample : VX1212WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 12 22:09:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 03:27:34 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/16/2025
Supervised By :Semsettin Yesilyurt 12/16/2025



Raw Data: **VX048826.D**

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

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	
Client Sample ID:	VX1211WBSD01	SDG No.:	Q3828
Lab Sample ID:	VX1211WBSD01	Matrix:	Water
Analytical Method:	8260D Level: LOW	% Solid:	0
Sample Wt/Vol:	5 mL Final Vol: 5000 uL	Test:	VOCMS Group3

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-01-4	Vinyl Chloride	18.6		1	0.26	1.00	ug/L	12/11/25 14:52	VX121125
75-35-4	1,1-Dichloroethene	19.2		1	0.23	1.00	ug/L	12/11/25 14:52	VX121125
75-34-3	1,1-Dichloroethane	22.3		1	0.23	1.00	ug/L	12/11/25 14:52	VX121125
156-59-2	cis-1,2-Dichloroethene	21.4		1	0.19	1.00	ug/L	12/11/25 14:52	VX121125
71-55-6	1,1,1-Trichloroethane	21.1		1	0.20	1.00	ug/L	12/11/25 14:52	VX121125
71-43-2	Benzene	21.4		1	0.15	1.00	ug/L	12/11/25 14:52	VX121125
107-06-2	1,2-Dichloroethane	21.7		1	0.22	1.00	ug/L	12/11/25 14:52	VX121125
79-01-6	Trichloroethene	20.9		1	0.090	1.00	ug/L	12/11/25 14:52	VX121125
79-00-5	1,1,2-Trichloroethane	21.8		1	0.21	1.00	ug/L	12/11/25 14:52	VX121125
127-18-4	Tetrachloroethene	19.9		1	0.23	1.00	ug/L	12/11/25 14:52	VX121125
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	53.0			70 (74) - 130 (125)	106%	SPK: 50		
1868-53-7	Dibromofluoromethane	53.2			70 (75) - 130 (124)	106%	SPK: 50		
2037-26-5	Toluene-d8	53.1			70 (86) - 130 (113)	106%	SPK: 50		
460-00-4	4-Bromofluorobenzene	55.6			70 (77) - 130 (121)	111%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	160000							
540-36-3	1,4-Difluorobenzene	262000							
3114-55-4	Chlorobenzene-d5	237000							
3855-82-1	1,4-Dichlorobenzene-d4	119000							

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\VX121125\
Data File : VX048826.D
Acq On : 11 Dec 2025 14:52
Operator : JC/MD
Sample : VX1211WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 11 23:51:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 03:27:34 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1211WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 12/12/2025
Supervised By :Mahesh Dadoda 12/12/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.538	168	160103	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	261734	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	237436	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	119141	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	113915	53.011	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.020%			
35) Dibromofluoromethane	5.373	113	95847	53.185	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.380%			
50) Toluene-d8	8.635	98	335601	53.126	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 106.260%			
62) 4-Bromofluorobenzene	11.061	95	121172	55.626	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.260%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	40035	24.542	ug/l	98
3) Chloromethane	1.300	50	38998	18.945	ug/l	98
4) Vinyl Chloride	1.380	62	40810	18.615	ug/l	97
5) Bromomethane	1.624	94	29928	22.090	ug/l	94
6) Chloroethane	1.697	64	25050	18.359	ug/l	91
7) Trichlorofluoromethane	1.898	101	63006	20.052	ug/l	97
8) Diethyl Ether	2.136	74	22635	18.049	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.337	101	37576	20.629	ug/l	98
10) Methyl Iodide	2.459	142	50770	19.578	ug/l	97
11) Tert butyl alcohol	2.934	59	17938	51.704	ug/l	99
12) 1,1-Dichloroethene	2.325	96	35713	19.210	ug/l	97
13) Acrolein	2.233	56	16471	81.447	ug/l	100
14) Allyl chloride	2.666	41	62321	19.966	ug/l	97
15) Acrylonitrile	3.056	53	82450	76.270	ug/l	99
16) Acetone	2.373	43	52925	64.336	ug/l	99
17) Carbon Disulfide	2.520	76	98947	18.327	ug/l	99
18) Methyl Acetate	2.697	43	35863	15.495	ug/l	100
19) Methyl tert-butyl Ether	3.105	73	119082	19.682	ug/l	98
20) Methylene Chloride	2.788	84	42556	20.696	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	39199	20.659	ug/l	95
22) Diisopropyl ether	3.751	45	133631	22.907	ug/l	95
23) Vinyl Acetate	3.715	43	509926	104.032	ug/l	97
24) 1,1-Dichloroethane	3.605	63	72486	22.283	ug/l	98
25) 2-Butanone	4.538	43	88252	72.688	ug/l	96
26) 2,2-Dichloropropane	4.465	77	61037	21.205	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	45861	21.419	ug/l	96
28) Bromochloromethane	4.885	49	30034	18.837	ug/l	87
29) Tetrahydrofuran	4.989	42	63082	68.044	ug/l	92
30) Chloroform	5.080	83	76037	21.815	ug/l	98
31) Cyclohexane	5.458	56	60736	20.912	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	65989	21.129	ug/l	95
36) 1,1-Dichloropropene	5.678	75	50087	20.292	ug/l	98
37) Ethyl Acetate	4.702	43	43396	14.714	ug/l #	89
38) Carbon Tetrachloride	5.659	117	58437	20.901	ug/l	90
39) Methylcyclohexane	7.366	83	59182	20.277	ug/l	98
40) Benzene	6.025	78	156334	21.365	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121125\
Data File : VX048826.D
Acq On : 11 Dec 2025 14:52
Operator : JC/MD
Sample : VX1211WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 11 23:51:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 03:27:34 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1211WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 12/12/2025
Supervised By :Mahesh Dadoda 12/12/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.904	41	24183	18.021	ug/l		92
42) 1,2-Dichloroethane	6.074	62	56313	21.744	ug/l		97
43) Isopropyl Acetate	6.324	43	75593	16.926	ug/l		97
44) Trichloroethene	7.110	130	39904	20.901	ug/l		98
45) 1,2-Dichloropropane	7.415	63	40471	22.129	ug/l		98
46) Dibromomethane	7.568	93	28046	20.222	ug/l		97
47) Bromodichloromethane	7.805	83	61965	21.430	ug/l		95
48) Methyl methacrylate	7.677	41	37658	16.762	ug/l		99
49) 1,4-Dioxane	7.641	88	8294	268.439	ug/l	#	95
51) 4-Methyl-2-Pentanone	8.555	43	221144	79.777	ug/l		97
52) Toluene	8.702	92	98783	22.388	ug/l		98
53) t-1,3-Dichloropropene	8.964	75	60552	22.012	ug/l		99
54) cis-1,3-Dichloropropene	8.348	75	66454	22.478	ug/l		99
55) 1,1,2-Trichloroethane	9.134	97	38624	21.756	ug/l		96
56) Ethyl methacrylate	9.098	69	55481	19.966	ug/l		99
57) 1,3-Dichloropropane	9.293	76	64370	21.805	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.226	63	152432	101.492	ug/l		98
59) 2-Hexanone	9.415	43	146314	75.190	ug/l		99
60) Dibromochloromethane	9.506	129	47935	21.836	ug/l		100
61) 1,2-Dibromoethane	9.592	107	39878	20.754	ug/l		100
64) Tetrachloroethene	9.256	164	34525	19.949	ug/l		97
65) Chlorobenzene	10.061	112	109450	21.059	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.146	131	39849	21.437	ug/l		98
67) Ethyl Benzene	10.177	91	184045	21.702	ug/l		96
68) m/p-Xylenes	10.287	106	144314	43.685	ug/l		97
69) o-Xylene	10.622	106	67799	21.902	ug/l		99
70) Styrene	10.640	104	117571	22.124	ug/l		100
71) Bromoform	10.780	173	30772	18.542	ug/l	#	99
73) Isopropylbenzene	10.945	105	178068	22.179	ug/l		99
74) N-amyl acetate	10.823	43	67296	19.291	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.195	83	49216	18.167	ug/l		97
76) 1,2,3-Trichloropropane	11.219	75	43676m	19.682	ug/l		
77) Bromobenzene	11.177	156	46427	21.665	ug/l		98
78) n-propylbenzene	11.287	91	208333	22.404	ug/l		100
79) 2-Chlorotoluene	11.347	91	123694	21.815	ug/l		99
80) 1,3,5-Trimethylbenzene	11.433	105	143995	21.819	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.000	75	15300	16.378	ug/l		97
82) 4-Chlorotoluene	11.439	91	145108	21.930	ug/l		100
83) tert-Butylbenzene	11.695	119	146671	21.389	ug/l		99
84) 1,2,4-Trimethylbenzene	11.732	105	147850	22.209	ug/l		99
85) sec-Butylbenzene	11.872	105	183139	22.037	ug/l		99
86) p-Isopropyltoluene	11.988	119	155628	21.908	ug/l		100
87) 1,3-Dichlorobenzene	11.951	146	82986	21.007	ug/l		99
88) 1,4-Dichlorobenzene	12.024	146	84424	20.680	ug/l		97
89) n-Butylbenzene	12.311	91	141441	21.266	ug/l		99
90) Hexachloroethane	12.518	117	29787	20.545	ug/l		100
91) 1,2-Dichlorobenzene	12.317	146	79235	20.688	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.926	75	9139	13.862	ug/l		96
93) 1,2,4-Trichlorobenzene	13.567	180	51786	20.473	ug/l		100
94) Hexachlorobutadiene	13.707	225	21443	20.494	ug/l		98
95) Naphthalene	13.756	128	138387	20.900	ug/l		99
96) 1,2,3-Trichlorobenzene	13.938	180	48089	20.615	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121125\
Data File : VX048826.D
Acq On : 11 Dec 2025 14:52
Operator : JC/MD
Sample : VX1211WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1211WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 12/12/2025
Supervised By :Mahesh Dadoda 12/12/2025

Quant Time: Dec 11 23:51:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 03:27:34 2025
Response via : Initial Calibration

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

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

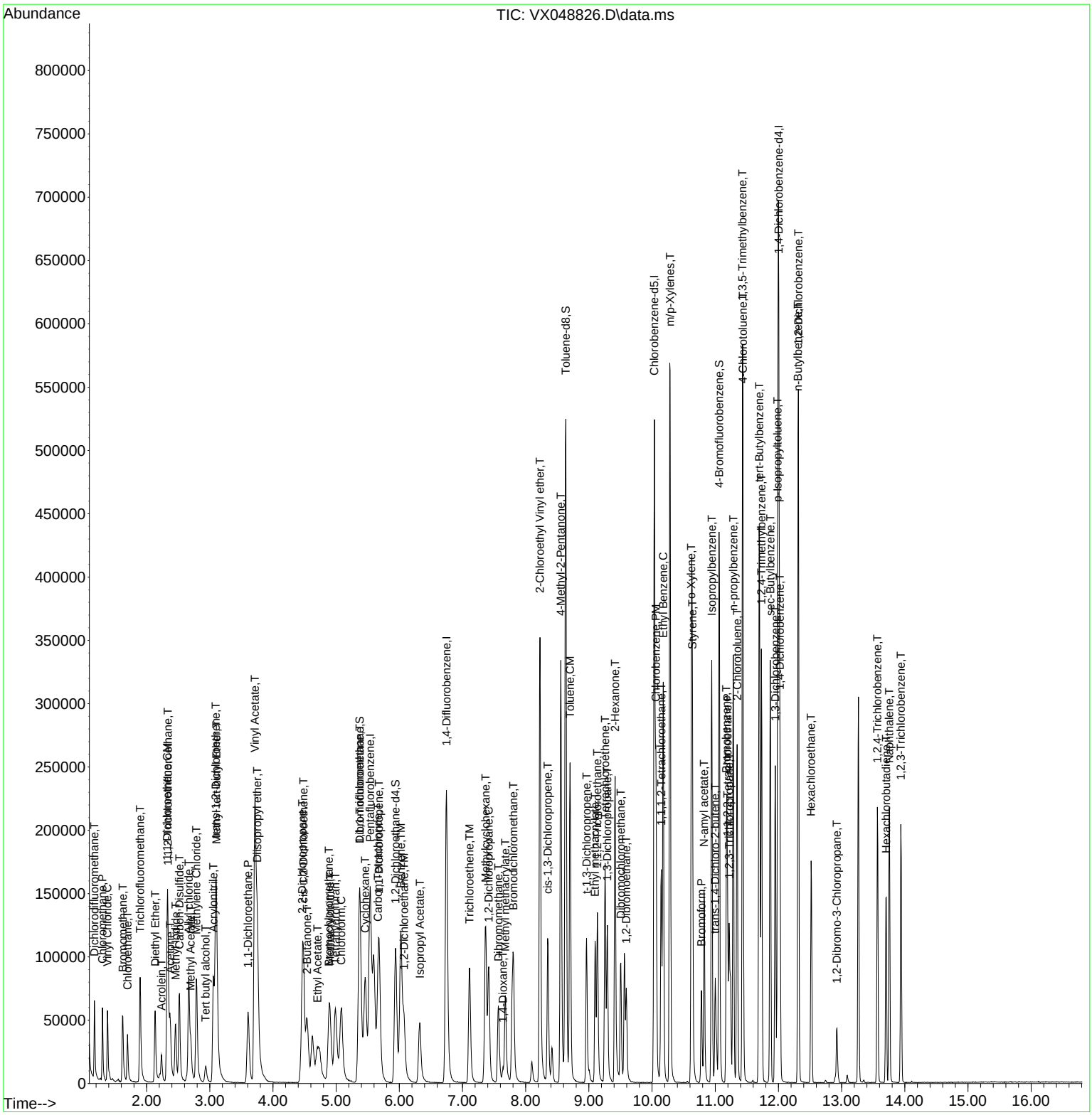
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121125\
Data File : VX048826.D
Acq On : 11 Dec 2025 14:52
Operator : JC/MD
Sample : VX1211WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 11 23:51:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 03:27:34 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1211WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 12/12/2025
Supervised By :Mahesh Dadoda 12/12/2025



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

Manual Integration Report

Sequence:	VX120425	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC001	VX048714.D	1,2,3-Trichloropropane	JOHN	12/5/2025 8:04:03 AM	sam	12/5/2025 2:19:32 PM	Peak Integrated by Software
VSTDICC001	VX048714.D	1,4-Dichlorobenzene	JOHN	12/5/2025 8:04:03 AM	sam	12/5/2025 2:19:32 PM	Peak Integrated by Software
VSTDICC001	VX048714.D	Ethyl Acetate	JOHN	12/5/2025 8:04:03 AM	sam	12/5/2025 2:19:32 PM	Peak Integrated by Software
VSTDICC005	VX048715.D	1,2,3-Trichloropropane	JOHN	12/5/2025 8:04:10 AM	sam	12/5/2025 2:19:37 PM	Peak Integrated by Software
VSTDICC005	VX048715.D	1,2-Dichloroethane-d4	JOHN	12/5/2025 8:04:10 AM	sam	12/5/2025 2:19:37 PM	Peak Integrated by Software
VSTDICC005	VX048715.D	4-Bromofluorobenzene	JOHN	12/5/2025 8:04:10 AM	sam	12/5/2025 2:19:37 PM	Peak Integrated by Software
VSTDICC005	VX048715.D	Acrolein	JOHN	12/5/2025 8:04:10 AM	sam	12/5/2025 2:19:37 PM	Peak Integrated by Software
VSTDICC005	VX048715.D	Bromomethane	JOHN	12/5/2025 8:04:10 AM	sam	12/5/2025 2:19:37 PM	Peak Integrated by Software
VSTDICC005	VX048715.D	Cyclohexane	JOHN	12/5/2025 8:04:10 AM	sam	12/5/2025 2:19:37 PM	Peak Integrated by Software
VSTDICC005	VX048715.D	Dibromofluoromethane	JOHN	12/5/2025 8:04:10 AM	sam	12/5/2025 2:19:37 PM	Peak Integrated by Software
VSTDICC005	VX048715.D	Ethyl Acetate	JOHN	12/5/2025 8:04:10 AM	sam	12/5/2025 2:19:37 PM	Peak Integrated by Software
VSTDICC005	VX048715.D	Methyl Acetate	JOHN	12/5/2025 8:04:10 AM	sam	12/5/2025 2:19:37 PM	Peak Integrated by Software
VSTDICC005	VX048715.D	Methyl Iodide	JOHN	12/5/2025 8:04:10 AM	sam	12/5/2025 2:19:37 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VX120425	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC005	VX048715.D	Tert butyl alcohol	JOHN	12/5/2025 8:04:10 AM	sam	12/5/2025 2:19:37 PM	Peak Integrated by Software
VSTDICC005	VX048715.D	Toluene-d8	JOHN	12/5/2025 8:04:10 AM	sam	12/5/2025 2:19:37 PM	Peak Integrated by Software
VSTDICC005	VX048715.D	trans-1,4-Dichloro-2-but ene	JOHN	12/5/2025 8:04:10 AM	sam	12/5/2025 2:19:37 PM	Peak Integrated by Software
VSTDICC020	VX048716.D	1,2,3-Trichloropropane	JOHN	12/5/2025 8:04:16 AM	sam	12/5/2025 2:19:42 PM	Peak Integrated by Software
VSTDICCC050	VX048717.D	1,2,3-Trichloropropane	JOHN	12/5/2025 8:04:22 AM	sam	12/5/2025 2:20:03 PM	Peak Integrated by Software
VSTDICC100	VX048718.D	1,2,3-Trichloropropane	JOHN	12/5/2025 8:04:27 AM	sam	12/5/2025 2:19:47 PM	Peak Integrated by Software
VSTDICC150	VX048719.D	1,2,3-Trichloropropane	JOHN	12/5/2025 8:04:32 AM	sam	12/5/2025 2:20:07 PM	Peak Integrated by Software
VSTDICV050	VX048721.D	1,2,3-Trichloropropane	JOHN	12/5/2025 8:04:41 AM	sam	12/5/2025 2:19:52 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VX121125	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX048822.D	1,2,3-Trichloropropane	JOHN	12/12/2025 8:39:01 AM	MMDadoda	12/12/2025 11:46:17 AM	Peak Integrated by Software
VX1211WBS01	VX048825.D	1,2,3-Trichloropropane	JOHN	12/12/2025 8:39:06 AM	MMDadoda	12/12/2025 11:46:20 AM	Peak Integrated by Software
VX1211WBSD01	VX048826.D	1,2,3-Trichloropropane	JOHN	12/12/2025 8:39:10 AM	MMDadoda	12/12/2025 11:46:24 AM	Peak Integrated by Software
VSTDCCC050	VX048838.D	1,2,3-Trichloropropane	JOHN	12/12/2025 8:39:15 AM	MMDadoda	12/12/2025 11:46:28 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VX121225	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX048840.D	1,2,3-Trichloropropane	MMDadoda	12/16/2025 1:08:23 PM	sam	12/16/2025 3:05:52 PM	Peak Integrated by Software
VX1212WBS01	VX048843.D	1,2,3-Trichloropropane	MMDadoda	12/16/2025 1:08:27 PM	sam	12/16/2025 3:05:57 PM	Peak Integrated by Software
VSTDCCC050	VX048864.D	1,2,3-Trichloropropane	MMDadoda	12/16/2025 1:08:34 PM	sam	12/16/2025 3:06:07 PM	Peak Integrated by Software

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX120425

Review By	John Carlone	Review On	12/5/2025 8:05:59 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	12/5/2025 2:14:46 PM		
SubDirectory	VX120425	HP Acquire Method		HP Processing Method	82X120425W.M

STD. NAME	STD REF.#
Tune/Reschk	VP136497
Initial Calibration Stds	VP136526,VP136527,VP136528,VP136529,VP136530,VP136531
CCC	
Internal Standard/PEM	
ICV/I.BLK	VP136532
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX048713.D	04 Dec 2025 08:15	JC/MD	Ok
2	VSTDICC001	VX048714.D	04 Dec 2025 08:47	JC/MD	Ok,M
3	VSTDICC005	VX048715.D	04 Dec 2025 09:16	JC/MD	Ok,M
4	VSTDICC020	VX048716.D	04 Dec 2025 09:36	JC/MD	Ok,M
5	VSTDICCC050	VX048717.D	04 Dec 2025 09:57	JC/MD	Ok,M
6	VSTDICC100	VX048718.D	04 Dec 2025 10:17	JC/MD	Ok,M
7	VSTDICC150	VX048719.D	04 Dec 2025 10:38	JC/MD	Ok,M
8	IBLK	VX048720.D	04 Dec 2025 10:58	JC/MD	Ok
9	VSTDICV050	VX048721.D	04 Dec 2025 14:04	JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX121125

Review By	John Carlone	Review On	12/12/2025 8:45:14 AM				
Supervise By	Mahesh Dadoda	Supervise On	12/12/2025 11:46:33 AM				
SubDirectory	VX121125	HP Acquire Method	MSVOA_X		HP Processing Method	82X120425W.M	

STD. NAME	STD REF.#
Tune/Reschk	VP136631
Initial Calibration Stds	
CCC	VP136632,VP136633
Internal Standard/PEM	VP136145
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX048821.D	11 Dec 2025 12:08	JC/MD	Ok
2	VSTDCCC050	VX048822.D	11 Dec 2025 13:02	JC/MD	Ok,M
3	VX1211MBL01	VX048823.D	11 Dec 2025 13:31	JC/MD	Ok
4	VX1211WBL01	VX048824.D	11 Dec 2025 14:06	JC/MD	Ok
5	VX1211WBS01	VX048825.D	11 Dec 2025 14:31	JC/MD	Ok,M
6	VX1211WBSD01	VX048826.D	11 Dec 2025 14:52	JC/MD	Ok,M
7	Q3828-08	VX048827.D	11 Dec 2025 15:37	JC/MD	Ok
8	Q3828-09	VX048828.D	11 Dec 2025 15:58	JC/MD	Ok
9	Q3835-06	VX048829.D	11 Dec 2025 16:19	JC/MD	Ok
10	Q3835-01	VX048830.D	11 Dec 2025 16:39	JC/MD	Dilution
11	Q3835-02	VX048831.D	11 Dec 2025 17:00	JC/MD	ReRun
12	Q3835-04	VX048832.D	11 Dec 2025 17:21	JC/MD	Dilution
13	Q3835-05	VX048833.D	11 Dec 2025 17:42	JC/MD	ReRun
14	Q3828-01	VX048834.D	11 Dec 2025 18:02	JC/MD	Not Ok
15	Q3828-03	VX048835.D	11 Dec 2025 18:23	JC/MD	Not Ok
16	Q3828-05	VX048836.D	11 Dec 2025 18:44	JC/MD	Dilution
17	Q3828-06	VX048837.D	11 Dec 2025 19:05	JC/MD	ReRun
18	VSTDCCC050	VX048838.D	11 Dec 2025 19:25	JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX121225

Review By	Mahesh Dadoda	Review On	12/16/2025 1:08:47 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	12/16/2025 3:06:43 PM		
SubDirectory	VX121225	HP Acquire Method		HP Processing Method	82X120425W.M

STD. NAME	STD REF.#
Tune/Reschk	VP136634
Initial Calibration Stds	
CCC	VP136635,VP136636
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX048839.D	12 Dec 2025 08:44	JC/MD	Ok
2	VSTDCCC050	VX048840.D	12 Dec 2025 09:12	JC/MD	Ok,M
3	VX1212MBL01	VX048841.D	12 Dec 2025 10:09	JC/MD	Ok
4	VX1212WBL01	VX048842.D	12 Dec 2025 10:31	JC/MD	Ok
5	VX1212WBS01	VX048843.D	12 Dec 2025 10:52	JC/MD	Ok,M
6	VX1212WBSD01	VX048844.D	12 Dec 2025 11:20	JC/MD	Ok,M
7	Q3848-01	VX048845.D	12 Dec 2025 11:42	JC/MD	Dilution
8	IBLK	VX048846.D	12 Dec 2025 12:04	JC/MD	Ok
9	Q3828-05DL	VX048847.D	12 Dec 2025 12:26	JC/MD	Ok
10	Q3835-01DL	VX048848.D	12 Dec 2025 12:48	JC/MD	Ok
11	Q3835-04DL	VX048849.D	12 Dec 2025 13:09	JC/MD	Ok
12	Q3828-01	VX048850.D	12 Dec 2025 13:31	JC/MD	Ok
13	Q3828-03	VX048851.D	12 Dec 2025 13:53	JC/MD	Ok
14	Q3828-06	VX048852.D	12 Dec 2025 14:15	JC/MD	Ok
15	Q3835-02	VX048853.D	12 Dec 2025 14:36	JC/MD	ReRun
16	Q3835-05	VX048854.D	12 Dec 2025 14:58	JC/MD	Ok
17	Q3848-03	VX048855.D	12 Dec 2025 15:20	JC/MD	Dilution
18	Q3849-01	VX048856.D	12 Dec 2025 15:42	JC/MD	ReRun
19	Q3849-07	VX048857.D	12 Dec 2025 16:03	JC/MD	Dilution
20	Q3849-08	VX048858.D	12 Dec 2025 16:25	JC/MD	Dilution
21	Q3849-09	VX048859.D	12 Dec 2025 16:47	JC/MD	Dilution

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX121225

Review By	Mahesh Dadoda	Review On	12/16/2025 1:08:47 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	12/16/2025 3:06:43 PM		
SubDirectory	VX121225	HP Acquire Method		HP Processing Method	82X120425W.M

STD. NAME	STD REF.#
Tune/Reschk	VP136634
Initial Calibration Stds	
CCC	VP136635,VP136636
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q3849-11	VX048860.D	12 Dec 2025 17:09	JC/MD	ReRun
23	Q3848-01DL	VX048861.D	12 Dec 2025 17:31	JC/MD	Ok
24	Q3813-01	VX048862.D	12 Dec 2025 17:52	JC/MD	Not Ok
25	Q3826-12	VX048863.D	12 Dec 2025 18:14	JC/MD	Not Ok
26	VSTDCCC050	VX048864.D	12 Dec 2025 18:36	JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX120425

Review By	John Carlone	Review On	12/5/2025 8:05:59 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	12/5/2025 2:14:46 PM		
SubDirectory	VX120425	HP Acquire Method		HP Processing Method	82X120425W.M

STD. NAME	STD REF.#
Tune/Reschk	VP136497
Initial Calibration Stds	VP136526,VP136527,VP136528,VP136529,VP136530,VP136531
CCC	
Internal Standard/PEM	
ICV/I.BLK	VP136532
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX048713.D	04 Dec 2025 08:15		JC/MD	Ok
2	VSTDICC001	VSTDICC001	VX048714.D	04 Dec 2025 08:47		JC/MD	Ok,M
3	VSTDICC005	VSTDICC005	VX048715.D	04 Dec 2025 09:16		JC/MD	Ok,M
4	VSTDICC020	VSTDICC020	VX048716.D	04 Dec 2025 09:36	Comp. #13 on Linear Regression	JC/MD	Ok,M
5	VSTDICCC050	VSTDICCC050	VX048717.D	04 Dec 2025 09:57	Comp. #95 on Quadratic Regression	JC/MD	Ok,M
6	VSTDICC100	VSTDICC100	VX048718.D	04 Dec 2025 10:17		JC/MD	Ok,M
7	VSTDICC150	VSTDICC150	VX048719.D	04 Dec 2025 10:38		JC/MD	Ok,M
8	IBLK	IBLK	VX048720.D	04 Dec 2025 10:58		JC/MD	Ok
9	VSTDICV050	ICVVX120425	VX048721.D	04 Dec 2025 14:04		JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX121125

Review By	John Carlone	Review On	12/12/2025 8:45:14 AM		
Supervise By	Mahesh Dadoda	Supervise On	12/12/2025 11:46:33 AM		
SubDirectory	VX121125	HP Acquire Method	MSVOA_X	HP Processing Method	82X120425W.M

STD. NAME	STD REF.#
Tune/Reschk	VP136631
Initial Calibration Stds	
CCC	VP136632,VP136633
Internal Standard/PEM	VP136145
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX048821.D	11 Dec 2025 12:08		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX048822.D	11 Dec 2025 13:02	pH#Lot#V12668	JC/MD	Ok,M
3	VX1211MBL01	VX1211MBL01	VX048823.D	11 Dec 2025 13:31		JC/MD	Ok
4	VX1211WBL01	VX1211WBL01	VX048824.D	11 Dec 2025 14:06		JC/MD	Ok
5	VX1211WBS01	VX1211WBS01	VX048825.D	11 Dec 2025 14:31		JC/MD	Ok,M
6	VX1211WBSD01	VX1211WBSD01	VX048826.D	11 Dec 2025 14:52		JC/MD	Ok,M
7	Q3828-08	FB01-120925	VX048827.D	11 Dec 2025 15:37	vial A pH<2 FB	JC/MD	Ok
8	Q3828-09	TB01-120925	VX048828.D	11 Dec 2025 15:58		JC/MD	Ok
9	Q3835-06	TB01-121025	VX048829.D	11 Dec 2025 16:19	vial A pH<2 TB	JC/MD	Ok
10	Q3835-01	MW-11A-13.5-121025	VX048830.D	11 Dec 2025 16:39	vial A pH<2 Need 50X	JC/MD	Dilution
11	Q3835-02	OWBR-01-170-121025	VX048831.D	11 Dec 2025 17:00	vial A pH<2 E flag of previous sample	JC/MD	ReRun
12	Q3835-04	MW-11B-37.5-121025	VX048832.D	11 Dec 2025 17:21	vial A pH<2 Need 100X	JC/MD	Dilution
13	Q3835-05	MW-01-7-121025	VX048833.D	11 Dec 2025 17:42	vial A pH<2 E flag of previous sample	JC/MD	ReRun
14	Q3828-01	BR-02-133-120925	VX048834.D	11 Dec 2025 18:02	Confirm Concentration	JC/MD	Not Ok
15	Q3828-03	OWBR-06-219-120925	VX048835.D	11 Dec 2025 18:23	Confirm Concentration	JC/MD	Not Ok
16	Q3828-05	RMW-03B-90-120925	VX048836.D	11 Dec 2025 18:44	vial A pH<2 Need 20X	JC/MD	Dilution
17	Q3828-06	OWBR-03-138-120925	VX048837.D	11 Dec 2025 19:05	vial A pH<2 E flag of previous sample	JC/MD	ReRun

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX121125

Review By	John Carlone	Review On	12/12/2025 8:45:14 AM		
Supervise By	Mahesh Dadoda	Supervise On	12/12/2025 11:46:33 AM		
SubDirectory	VX121125	HP Acquire Method	MSVOA_X	HP Processing Method	82X120425W.M

STD. NAME	STD REF.#
Tune/Reschk	VP136631
Initial Calibration Stds	
CCC	VP136632,VP136633
Internal Standard/PEM	VP136145
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	VSTDCCC050	VSTDCCC050EC	VX048838.D	11 Dec 2025 19:25		JC/MD	Ok,M

M : Manual Integration

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

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX121225

Review By	Mahesh Dadoda	Review On	12/16/2025 1:08:47 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	12/16/2025 3:06:43 PM		
SubDirectory	VX121225	HP Acquire Method		HP Processing Method	82X120425W.M

STD. NAME	STD REF.#
Tune/Reschk	VP136634
Initial Calibration Stds	
CCC	VP136635,VP136636
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	VX048839.D	12 Dec 2025 08:44		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX048840.D	12 Dec 2025 09:12	pH#lot#v14222	JC/MD	Ok,M
3	VX1212MBL01	VX1212MBL01	VX048841.D	12 Dec 2025 10:09		JC/MD	Ok
4	VX1212WBL01	VX1212WBL01	VX048842.D	12 Dec 2025 10:31		JC/MD	Ok
5	VX1212WBS01	VX1212WBS01	VX048843.D	12 Dec 2025 10:52	Comp. #24 Recovery failed high	JC/MD	Ok,M
6	VX1212WBSD01	VX1212WBSD01	VX048844.D	12 Dec 2025 11:20	Comp. #24 Recovery failed high	JC/MD	Ok,M
7	Q3848-01	MW-18B-57.5-121125	VX048845.D	12 Dec 2025 11:42	vial A,pH<2 Need 10X	JC/MD	Dilution
8	IBLK	IBLK	VX048846.D	12 Dec 2025 12:04		JC/MD	Ok
9	Q3828-05DL	RMW-03B-90-120925D	VX048847.D	12 Dec 2025 12:26		JC/MD	Ok
10	Q3835-01DL	MW-11A-13.5-121025D	VX048848.D	12 Dec 2025 12:48		JC/MD	Ok
11	Q3835-04DL	MW-11B-37.5-121025D	VX048849.D	12 Dec 2025 13:09		JC/MD	Ok
12	Q3828-01	BR-02-133-120925	VX048850.D	12 Dec 2025 13:31	vial B,pH<2	JC/MD	Ok
13	Q3828-03	OWBR-06-219-120925	VX048851.D	12 Dec 2025 13:53	vial B,pH<2	JC/MD	Ok
14	Q3828-06	OWBR-03-138-120925	VX048852.D	12 Dec 2025 14:15	vial B,pH<2	JC/MD	Ok
15	Q3835-02	OWBR-01-170-121025	VX048853.D	12 Dec 2025 14:36	vial B,pH<2 Surrogate Fail	JC/MD	ReRun
16	Q3835-05	MW-01-7-121025	VX048854.D	12 Dec 2025 14:58	vial B,pH<2	JC/MD	Ok
17	Q3848-03	MW-18B-57.5-121125-F	VX048855.D	12 Dec 2025 15:20	vial A,pH<2,Surrogate Fail;Need 10X	JC/MD	Dilution

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX121225

Review By	Mahesh Dadoda	Review On	12/16/2025 1:08:47 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	12/16/2025 3:06:43 PM		
SubDirectory	VX121225	HP Acquire Method		HP Processing Method	82X120425W.M

STD. NAME	STD REF.#
Tune/Reschk	VP136634
Initial Calibration Stds	
CCC	VP136635,VP136636
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	Q3849-01	OW-07B-65-121125	VX048856.D	12 Dec 2025 15:42	vial A,pH<2 E flag of previous sample	JC/MD	ReRun
19	Q3849-07	RMW-02B-67-121125	VX048857.D	12 Dec 2025 16:03	vial A,pH<2 ,Need 50X	JC/MD	Dilution
20	Q3849-08	MW-06-7-121125	VX048858.D	12 Dec 2025 16:25	vial A,pH<2 Surrogate Fail; Need 200X	JC/MD	Dilution
21	Q3849-09	MW-19B-71.5-121125	VX048859.D	12 Dec 2025 16:47	vial A,pH<2 ,Need 100X	JC/MD	Dilution
22	Q3849-11	TB01-121125	VX048860.D	12 Dec 2025 17:09	vial A,pH<2 ,E flag of previous sample	JC/MD	ReRun
23	Q3848-01DL	MW-18B-57.5-121125D	VX048861.D	12 Dec 2025 17:31		JC/MD	Ok
24	Q3813-01	BR-04DR-451-120825	VX048862.D	12 Dec 2025 17:52	carryover	JC/MD	Not Ok
25	Q3826-12	TP-2	VX048863.D	12 Dec 2025 18:14	Surrogate Fail;carryover	JC/MD	Not Ok
26	VSTDCCC050	VSTDCCC050EC	VX048864.D	12 Dec 2025 18:36		JC/MD	Ok,M

M : Manual Integration

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

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

ALLIANCE PROJECT NO.
QUOTE NO. Q 3828
COC Number 2047332

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: Jacobs
ADDRESS: 412 Mt Kemble Ave Suite #1100
CITY Morristown STATE: NJ ZIP: 07960
ATTENTION: John Yntante
PHONE: (281) 414-1719 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: STC PTC
PROJECT NO.: D403326 LOCATION: Princeton Junctio
PROJECT MANAGER: Mary Murphy
e-mail: Mary.Murphy@Jacobs.com
PHONE: (201) 936-0586 FAX:

CLIENT BILLING INFORMATION

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

DATA TURNAROUND INFORMATION

FAX (RUSH) Standard DAYS*
HARDCOPY (DATA PACKAGE): DAYS*
EDD: DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

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

ANALYSIS

1: Site Specific VOCs (8260D-Low)
2: Trace VOCs, site specific (STARTAL)
3: 1,4 Dioxane (8270E-SIM)
4
5
6
7
8
9

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1 A/E	2 A/E	3 E	4	5	6	7	8	9	COMMENTS
1.	BR-02-133-120925	GW		X	12/9/25	0930	5	X		X							
2.	BR-02-133-120925-SIM	GW		X	12/9/25	0930	2		X								
3.	OWBR-06-219-120925	GW		X	12/9/25	1035	5	X		X							
4.	OWBR-06-219-120925-SIM	GW		X	12/9/25	1035	3		X								
5.	RMW-03B-90-120925	GW		X	12/9/25	1225	5	X		X							
6.	OWBR-03-138-120925	GW		X	12/9/25	1310	5	X		X							
7.	OWBR-03-138-120925-SIM	GW		X	12/9/25	1310	3		X								
8.	FB01-120925	DI		X	12/9/25	1330	5	X		X							
9.	TB01-120925	DI		X	12/9/25	0800	4	X	X								
10.																	

Specify Preservatives: A-HCl, B-HN03, C-H2SO4, D-NaOH, E-ICE, F-OTHER

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

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	12-9-25 1600	1. 12-9 1600
2.		2.
3.	12-9-25 1738	3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 2.2 °C
Comments: See work order for list of site specific VOCs

Page 1 of 1

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete ☐ YES ☐ NO

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

284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 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 : Q3828 JACO05
Client Name : JACOBS Engineering Grou
Client Contact : John Ynfante
Invoice Name : JACOBS Engineering Grou
Invoice Contact : John Ynfante

Order Date : 12/9/2025 4:14:00 PM
Project Name : Former Schlumberger STC
Receive DateTime : 12/9/2025 ~~5:00:00~~ 5:38 PM
Purchase Order :

Project Mgr :
Report Type : Level 3
EDD Type : CH2MHILL
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3828-01	BR-02-133-120925	Water	12/09/2025	09:30					
					VOCMS Group3		8260-Low		10 Bus. Days
Q3828-02	BR-02-133-120925-SIM	Water	12/09/2025	09:30					
					VOC-SIM		SFAM_VOCSIM		10 Bus. Days
Q3828-03	OWBR-06-219-120925	Water	12/09/2025	10:35					
					VOCMS Group3		8260-Low		10 Bus. Days
Q3828-04	OWBR-06-219-120925-SIM	Water	12/09/2025	10:35					
					VOC-SIM		SFAM_VOCSIM		10 Bus. Days
Q3828-05	RMW-03B-90-120925	Water	12/09/2025	12:25					
					VOCMS Group3		8260-Low		10 Bus. Days
Q3828-06	OWBR-03-138-120925	Water	12/09/2025	13:10					
					VOCMS Group3		8260-Low		10 Bus. Days
Q3828-07	OWBR-03-138-120925-SIM	Water	12/09/2025	13:10					
					VOC-SIM		SFAM_VOCSIM		10 Bus. Days
Q3828-08	FB01-120925	Water	12/09/2025	13:30					

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3828 JACO05
Client Name : JACOBS Engineering Grou
Client Contact : John Ynfante
Invoice Name : JACOBS Engineering Grou
Invoice Contact : John Ynfante

Order Date : 12/9/2025 4:14:00 PM
Project Name : Former Schlumberger STC
Receive DateTime : 12/9/2025 ~~5:00:00~~ PM
Purchase Order : 5:38

Project Mgr :
Report Type : Level ~~4~~ 3
EDD Type : CH2MHILL
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD		FAX DATE	DUE DATES
					VOCMS Group3		8260-Low	10 Bus. Days		
Q3828-09	TB01-120925	Water	12/09/2025	08:00						
					VOC-SIM		SFAM_VOCSIM	10 Bus. Days		
					VOC-TRACE-SFAM		SFAM_Trace	10 Bus. Days		
Q3828-10	VHBLK001	Water	12/09/2025	~~09:30~~ 17:38						
					VOC-SIM		SFAM_VOCSIM	10 Bus. Days		

stored in VOA ref # 04

Relinguished By : CR
Date / Time : 12/10/25 9:00

Received By : [illegible]
Date / Time : 12/15/25 9:00

Storage Area : VOA Refridgerator Room