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

DATA REPORTING QUALIFIERS- ORGANIC

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

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

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LAB CHRONICLE

OrderID:	Q3788	**OrderDate:**	12/5/2025 7:44:00 AM
Client:	JACOBS Engineering Group, Inc.	**Project:**	Former Schlumberger STC PTC Site D3868221
Contact:	John Ynfante	**Location:**	A11,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3788-01	**OWBR-05-135-120525**	**Water**			**12/05/25**			**12/05/25**
			VOCMS Group3	8260-Low			12/09/25	
Q3788-04	**OWBR-05-135-120525-SIM**	**Water**			**12/05/25**			**12/05/25**
			VOC-SIM	SFAM_VOCSIM			12/08/25	
Q3788-07	**OW-01B-66.5-120525**	**Water**			**12/05/25**			**12/05/25**
			VOCMS Group3	8260-Low			12/10/25	
Q3788-08	**OW-01B-66.5-120525-SIM**	**Water**			**12/05/25**			**12/05/25**
			VOC-SIM	SFAM_VOCSIM			12/10/25	
Q3788-09	**BR-05-465-120525**	**Water**			**12/05/25**			**12/05/25**
			VOCMS Group3	8260-Low			12/08/25	
Q3788-09RE	**BR-05-465-120525RE**	**Water**			**12/05/25**			**12/05/25**
			VOCMS Group3	8260-Low			12/10/25	
Q3788-10	**BR-05-465-120525-SIM**	**Water**			**12/05/25**			**12/05/25**
			VOC-SIM	SFAM_VOCSIM			12/10/25	
Q3788-10RE	**BR-05-465-120525-SIMRE**	**Water**			**12/05/25**			**12/05/25**
			VOC-SIM	SFAM_VOCSIM			12/10/25	
Q3788-11	**MW-16B-87.5-120525**	**Water**			**12/05/25**			**12/05/25**

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LAB CHRONICLE

			VOCMS Group3	8260-Low		12/08/25	
Q3788-11RE	**MW-16B-87.5-120525 RE**	**Water**			**12/05/25**		**12/05/25**
			VOCMS Group3	8260-Low		12/10/25	
Q3788-12	**MW-16B-87.5-120525 -SIM**	**Water**			**12/05/25**		**12/05/25**
			VOC-SIM	SFAM_VOCSIM		12/10/25	
Q3788-13	**TB01-120525**	**Water**			**12/05/25**		**12/05/25**
			VOCMS Group3	8260-Low		12/08/25	
			VOC-SIM	SFAM_VOCSIM		12/08/25	
Q3788-14	**VHBLK001**	**Water**			**12/05/25**		**12/05/25**
			VOC-SIM	SFAM_VOCSIM		12/10/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3788

Client: JACOBS Engineering Group, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	**OWBR-05-135-120525**							
Q3788-01	OWBR-05-135-120	Water	1,1-Dichloroethene	120		0.23	1.00	ug/L
Q3788-01	OWBR-05-135-120	Water	1,1-Dichloroethane	9.30		0.23	1.00	ug/L
Q3788-01	OWBR-05-135-120	Water	cis-1,2-Dichloroethene	92.6		0.19	1.00	ug/L
Q3788-01	OWBR-05-135-120	Water	1,2-Dichloroethane	5.10		0.22	1.00	ug/L
Q3788-01	OWBR-05-135-120	Water	Trichloroethene	22.5		0.090	1.00	ug/L
			Total Voc :	250				
			Total Concentration:	250				
Client ID:	**OW-01B-66.5-120525**							
Q3788-07	OW-01B-66.5-1205	Water	Trichloroethene	2.40		0.090	1.00	ug/L
Q3788-07	OW-01B-66.5-1205	Water	Tetrachloroethene	0.45	J	0.23	1.00	ug/L
			Total Voc :	2.85				
			Total Concentration:	2.85				

QC SUMMARY

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Surrogate Summary

SDG No.: Q3788

Client: JACOBS Engineering Group, Inc.

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q3788-01	OWBR-05-135-120525	1,2-Dichloroethane-d4	50	52.2	104		70 (74)	130 (125)
		Dibromofluoromethane	50	44.1	88		70 (75)	130 (124)
		Toluene-d8	50	45.1	90		70 (86)	130 (113)
		4-Bromofluorobenzene	50	56.4	113		70 (77)	130 (121)
Q3788-02MS	OWBR-05-135-120525MS	1,2-Dichloroethane-d4	50	47.4	95		70 (74)	130 (125)
		Dibromofluoromethane	50	43.6	87		70 (75)	130 (124)
		Toluene-d8	50	43.6	87		70 (86)	130 (113)
		4-Bromofluorobenzene	50	47.1	94		70 (77)	130 (121)
Q3788-03MSD	OWBR-05-135-120525MSD	1,2-Dichloroethane-d4	50	56.6	113		70 (74)	130 (125)
		Dibromofluoromethane	50	50.7	101		70 (75)	130 (124)
		Toluene-d8	50	49.3	99		70 (86)	130 (113)
		4-Bromofluorobenzene	50	53.0	106		70 (77)	130 (121)
Q3788-07	OW-01B-66.5-120525	1,2-Dichloroethane-d4	50	57.5	115		70 (74)	130 (125)
		Dibromofluoromethane	50	46.7	93		70 (75)	130 (124)
		Toluene-d8	50	47.2	94		70 (86)	130 (113)
		4-Bromofluorobenzene	50	60.4	121		70 (77)	130 (121)
Q3788-09	BR-05-465-120525	1,2-Dichloroethane-d4	50	64.1	128		70 (74)	130 (125)
		Dibromofluoromethane	50	37.2	74		70 (75)	130 (124)
		Toluene-d8	50	44.7	89		70 (86)	130 (113)
		4-Bromofluorobenzene	50	39.0	78		70 (77)	130 (121)
Q3788-09RE	BR-05-465-120525RE	1,2-Dichloroethane-d4	50	57.5	115		70 (74)	130 (125)
		Dibromofluoromethane	50	35.5	71		70 (75)	130 (124)
		Toluene-d8	50	46.9	94		70 (86)	130 (113)
		4-Bromofluorobenzene	50	61.5	123		70 (77)	130 (121)
Q3788-11	MW-16B-87.5-120525	1,2-Dichloroethane-d4	50	59.4	119		70 (74)	130 (125)
		Dibromofluoromethane	50	47.2	94		70 (75)	130 (124)
		Toluene-d8	50	35.5	71		70 (86)	130 (113)
		4-Bromofluorobenzene	50	43.8	88		70 (77)	130 (121)
Q3788-11RE	MW-16B-87.5-120525RE	1,2-Dichloroethane-d4	50	56.2	112		70 (74)	130 (125)
		Dibromofluoromethane	50	47.4	95		70 (75)	130 (124)
		Toluene-d8	50	47.6	95		70 (86)	130 (113)
		4-Bromofluorobenzene	50	61.0	122		70 (77)	130 (121)
Q3788-13	TB01-120525	1,2-Dichloroethane-d4	50	55.4	111		70 (74)	130 (125)
		Dibromofluoromethane	50	46.5	93		70 (75)	130 (124)
		Toluene-d8	50	47.3	95		70 (86)	130 (113)
		4-Bromofluorobenzene	50	58.7	117		70 (77)	130 (121)
VX1208WBL01	VX1208WBL01	1,2-Dichloroethane-d4	50	49.5	99		70 (74)	130 (125)
		Dibromofluoromethane	50	46.0	92		70 (75)	130 (124)
		Toluene-d8	50	45.2	90		70 (86)	130 (113)
		4-Bromofluorobenzene	50	55.8	112		70 (77)	130 (121)
VX1208WBS01	VX1208WBS01	1,2-Dichloroethane-d4	50	56.7	113		70 (74)	130 (125)
		Dibromofluoromethane	50	50.4	101		70 (75)	130 (124)
		Toluene-d8	50	50.6	101		70 (86)	130 (113)
		4-Bromofluorobenzene	50	58.8	118		70 (77)	130 (121)
VX1209WBL01	VX1209WBL01	1,2-Dichloroethane-d4	50	56.0	112		70 (74)	130 (125)
		Dibromofluoromethane	50	45.5	91		70 (75)	130 (124)
		Toluene-d8	50	46.6	93		70 (86)	130 (113)
		4-Bromofluorobenzene	50	57.6	115		70 (77)	130 (121)
VX1209WBS02	VX1209WBS02	1,2-Dichloroethane-d4	50	46.5	93		70 (74)	130 (125)
		Dibromofluoromethane	50	44.7	89		70 (75)	130 (124)

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Surrogate Summary

SDG No.: Q3788

Client: JACOBS Engineering Group, Inc.

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
VX1209WBS02	VX1209WBS02	Toluene-d8	50	45.0	90		70 (86)	130 (113)
		4-Bromofluorobenzene	50	46.4	93		70 (77)	130 (121)
VX1210WBL01	VX1210WBL01	1,2-Dichloroethane-d4	50	51.4	103		70 (74)	130 (125)
		Dibromofluoromethane	50	45.2	90		70 (75)	130 (124)
		Toluene-d8	50	46.7	93		70 (86)	130 (113)
		4-Bromofluorobenzene	50	57.2	114		70 (77)	130 (121)
VX1210WBS01	VX1210WBS01	1,2-Dichloroethane-d4	50	54.9	110		70 (74)	130 (125)
		Dibromofluoromethane	50	50.9	102		70 (75)	130 (124)
		Toluene-d8	50	49.2	98		70 (86)	130 (113)
		4-Bromofluorobenzene	50	53.7	107		70 (77)	130 (121)

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3788 **Analytical Method:** SW8260-Low

Client: JACOBS Engineering Group, In **Datafile :** VX048776.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID : Q3788-03MSD		**Client Sample ID : OWBR-05-135-120525MSD**									
Vinyl chloride	50	0	50.5	ug/L	101		9		70 (69)	130 (125)	20 (20)
1,1-Dichloroethene	50	120	150	ug/L	60	*	29	*	70 (80)	130 (124)	20 (20)
1,1-Dichloroethane	50	9.30	68.4	ug/L	118		11		70 (78)	130 (122)	20 (20)
cis-1,2-Dichloroethene	50	92.6	140	ug/L	95		0		70 (55)	130 (150)	20 (20)
1,1,1-Trichloroethane	50	0	53.0	ug/L	106		11		70 (83)	130 (117)	20 (20)
Benzene	50	0	54.1	ug/L	108		10		70 (81)	130 (128)	20 (20)
1,2-Dichloroethane	50	5.10	60.8	ug/L	111		11		70 (76)	130 (120)	20 (20)
Trichloroethene	50	22.5	70.5	ug/L	96		4		70 (44)	130 (168)	20 (20)
1,1,2-Trichloroethane	50	0	57.4	ug/L	115		12		70 (73)	130 (136)	20 (20)
Tetrachloroethene	50	0	44.3	ug/L	89		7		70 (63)	130 (122)	20 (20)

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3788 **Analytical Method:** SW8260-Low

Client: JACOBS Engineering Group, In **Datafile :** VX048793.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID : Q3788-02MS		**Client Sample ID : OWBR-05-135-120525MS**									
Vinyl chloride	50	0	46.3	ug/L	93				70 (69)	130 (125)	
1,1-Dichloroethene	50	120	160	ug/L	80				70 (80)	130 (124)	
1,1-Dichloroethane	50	9.30	62.5	ug/L	106				70 (78)	130 (122)	
cis-1,2-Dichloroethene	50	92.6	140	ug/L	95				70 (55)	130 (150)	
1,1,1-Trichloroethane	50	0	47.5	ug/L	95				70 (83)	130 (117)	
Benzene	50	0	49.1	ug/L	98				70 (81)	130 (128)	
1,2-Dichloroethane	50	5.10	54.6	ug/L	99				70 (76)	130 (120)	
Trichloroethene	50	22.5	72.6	ug/L	100				70 (44)	130 (168)	
1,1,2-Trichloroethane	50	0	50.9	ug/L	102				70 (73)	130 (136)	
Tetrachloroethene	50	0	41.3	ug/L	83				70 (63)	130 (122)	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3788 **Analytical Method:** SW8260-Low

Client: JACOBS Engineering Group, Inc. **Datafile :** VX048745.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX1208WBS01	Vinyl chloride	20	19.8	ug/L	99			70 (65)	130 (117)	
	1,1-Dichloroethene	20	19.2	ug/L	96			70 (74)	130 (110)	
	1,1-Dichloroethane	20	20.8	ug/L	104			70 (78)	130 (112)	
	cis-1,2-Dichloroethene	20	19.9	ug/L	100			70 (77)	130 (110)	
	1,1,1-Trichloroethane	20	20.1	ug/L	101			70 (80)	130 (108)	
	Benzene	20	18.8	ug/L	94			70 (82)	130 (109)	
	1,2-Dichloroethane	20	21.4	ug/L	107			70 (80)	130 (115)	
	Trichloroethene	20	17.6	ug/L	88			70 (77)	130 (113)	
	1,1,2-Trichloroethane	20	21.7	ug/L	109			70 (83)	130 (112)	
	Tetrachloroethene	20	16.5	ug/L	83			70 (67)	130 (123)	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3788 **Analytical Method:** SW8260-Low

Client: JACOBS Engineering Group, Inc. **Datafile :** VX048773.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX1209WBS02	Vinyl chloride	20	17.5	ug/L	88			70 (65)	130 (117)	
	1,1-Dichloroethene	20	17.0	ug/L	85			70 (74)	130 (110)	
	1,1-Dichloroethane	20	19.5	ug/L	98			70 (78)	130 (112)	
	cis-1,2-Dichloroethene	20	19.1	ug/L	96			70 (77)	130 (110)	
	1,1,1-Trichloroethane	20	18.6	ug/L	93			70 (80)	130 (108)	
	Benzene	20	18.5	ug/L	93			70 (82)	130 (109)	
	1,2-Dichloroethane	20	18.9	ug/L	95			70 (80)	130 (115)	
	Trichloroethene	20	17.5	ug/L	88			70 (77)	130 (113)	
	1,1,2-Trichloroethane	20	19.3	ug/L	97			70 (83)	130 (112)	
	Tetrachloroethene	20	17.0	ug/L	85			70 (67)	130 (123)	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3788 **Analytical Method:** SW8260-Low

Client: JACOBS Engineering Group, Inc. **Datafile :** VX048799.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX1210WBS01	Vinyl chloride	20	16.7	ug/L	84			70 (65)	130 (117)	
	1,1-Dichloroethene	20	16.9	ug/L	85			70 (74)	130 (110)	
	1,1-Dichloroethane	20	19.8	ug/L	99			70 (78)	130 (112)	
	cis-1,2-Dichloroethene	20	19.7	ug/L	99			70 (77)	130 (110)	
	1,1,1-Trichloroethane	20	18.2	ug/L	91			70 (80)	130 (108)	
	Benzene	20	18.6	ug/L	93			70 (82)	130 (109)	
	1,2-Dichloroethane	20	18.9	ug/L	95			70 (80)	130 (115)	
	Trichloroethene	20	17.9	ug/L	90			70 (77)	130 (113)	
	1,1,2-Trichloroethane	20	19.4	ug/L	97			70 (83)	130 (112)	
	Tetrachloroethene	20	16.3	ug/L	81			70 (67)	130 (123)	

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VOLATILE METHOD BLANK SUMMARY

Client ID: VX1208WBL01

Lab Name: Alliance | Contract: JACO05

Lab Code: ACE | SDG NO.: Q3788

Lab File ID: VX048744.D | Lab Sample ID: VX1208WBL01

Date Analyzed: 12/08/2025 | Time Analyzed: 11:15

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
VX1208WBS01	VX1208WBS01	VX048745.D	12/08/2025
BR-05-465-120525	Q3788-09	VX048761.D	12/08/2025
MW-16B-87.5-120525	Q3788-11	VX048762.D	12/08/2025
TB01-120525	Q3788-13	VX048763.D	12/08/2025

COMMENTS:

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VOLATILE METHOD BLANK SUMMARY

Client ID: VX1209WBL01

Lab Name: Alliance Contract: JACO05

Lab Code: ACE SDG NO.: Q3788

Lab File ID: VX048769.D Lab Sample ID: VX1209WBL01

Date Analyzed: 12/09/2025 Time Analyzed: 09:46

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
VX1209WBS02	VX1209WBS02	VX048773.D	12/09/2025
OWBR-05-135-120525	Q3788-01	VX048774.D	12/09/2025
OWBR-05-135-120525MSD	Q3788-03MSD	VX048776.D	12/09/2025
OWBR-05-135-120525MS	Q3788-02MS	VX048793.D	12/09/2025

COMMENTS:

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VOLATILE METHOD BLANK SUMMARY

Client ID: VX1210WBL01

Lab Name: Alliance | Contract: JACO05

Lab Code: ACE | SDG NO.: Q3788

Lab File ID: VX048797.D | Lab Sample ID: VX1210WBL01

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

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
VX1210WBS01	VX1210WBS01	VX048799.D	12/10/2025
OW-01B-66.5-120525	Q3788-07	VX048814.D	12/10/2025
BR-05-465-120525RE	Q3788-09RE	VX048815.D	12/10/2025
MW-16B-87.5-120525RE	Q3788-11RE	VX048816.D	12/10/2025

COMMENTS:

Raw Data: **VX048713.D**

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

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: JACO05
Lab Code: ACE
SDG NO.: Q3788
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: **VX048741.D**

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

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: JACO05

Lab Code: ACE | SDG NO.: Q3788

Lab File ID: VX048741.D | BFB Injection Date: 12/08/2025

Instrument ID: MSVOA_X | BFB Injection Time: 08:17

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

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	19.5
75	30.0 - 60.0% of mass 95	51.5
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.2
173	Less than 2.0% of mass 174	1 (1.2) 1
174	50.0 - 100.0% of mass 95	80.1
175	5.0 - 9.0% of mass 174	6 (7.5) 1
176	95.0 - 101.0% of mass 174	76.4 (95.3) 1
177	5.0 - 9.0% of mass 176	5.3 (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	VX048742.D	12/08/2025	09:20
VX1208WBL01	VX1208WBL01	VX048744.D	12/08/2025	11:15
VX1208WBS01	VX1208WBS01	VX048745.D	12/08/2025	11:44
BR-05-465-120525	Q3788-09	VX048761.D	12/08/2025	17:21
MW-16B-87.5-120525	Q3788-11	VX048762.D	12/08/2025	17:41
TB01-120525	Q3788-13	VX048763.D	12/08/2025	18:02

Raw Data: **VX048767.D**

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

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: JACO05

Lab Code: ACE | SDG NO.: Q3788

Lab File ID: VX048767.D | BFB Injection Date: 12/09/2025

Instrument ID: MSVOA_X | BFB Injection Time: 08:16

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	19.2
75	30.0 - 60.0% of mass 95	48
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 (1.3) 1
174	50.0 - 100.0% of mass 95	76.9
175	5.0 - 9.0% of mass 174	5.9 (7.6) 1
176	95.0 - 101.0% of mass 174	74.8 (97.2) 1
177	5.0 - 9.0% of mass 176	4.7 (6.2) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VX048768.D	12/09/2025	09:25
VX1209WBL01	VX1209WBL01	VX048769.D	12/09/2025	09:46
VX1209WBS02	VX1209WBS02	VX048773.D	12/09/2025	11:24
OWBR-05-135-120525	Q3788-01	VX048774.D	12/09/2025	11:45
OWBR-05-135-120525MSD	Q3788-03MSD	VX048776.D	12/09/2025	12:25
OWBR-05-135-120525MS	Q3788-02MS	VX048793.D	12/09/2025	18:12

Raw Data: **VX048795.D**

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

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: JACO05
Lab Code: ACE
SDG NO.: Q3788
Lab File ID: VX048795.D
BFB Injection Date: 12/10/2025
Instrument ID: MSVOA_X
BFB Injection Time: 09:13
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
75	30.0 - 60.0% of mass 95	50.9
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	7.4
173	Less than 2.0% of mass 174	0.6 (0.7) 1
174	50.0 - 100.0% of mass 95	77.6
175	5.0 - 9.0% of mass 174	5.8 (7.4) 1
176	95.0 - 101.0% of mass 174	75.3 (97.1) 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	VX048796.D	12/10/2025	09:40
VX1210WBL01	VX1210WBL01	VX048797.D	12/10/2025	10:10
VX1210WBS01	VX1210WBS01	VX048799.D	12/10/2025	10:58
OW-01B-66.5-120525	Q3788-07	VX048814.D	12/10/2025	16:13
BR-05-465-120525RE	Q3788-09RE	VX048815.D	12/10/2025	16:34
MW-16B-87.5-120525RE	Q3788-11RE	VX048816.D	12/10/2025	16:54

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

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: JACO05

Lab Code: ACE SDG NO.: Q3788

Lab File ID: VX048742.D Date Analyzed: 12/08/2025

Instrument ID: MSVOA_X Time Analyzed: 09:20

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	174813	5.53	271670	6.74	259893	10.04
UPPER LIMIT	349626	6.031	543340	7.239	519786	10.537
LOWER LIMIT	87406.5	5.031	135835	6.239	129947	9.537
EPA SAMPLE NO.						
BR-05-465-120525	158795	5.54	333603	6.75	259658	10.04
MW-16B-87.5-120525	123961	5.54	277457	6.75	227659	10.04
TB01-120525	147710	5.54	303651	6.75	326109	10.04
VX1208WBL01	173343	5.53	340953	6.74	370451	10.04
VX1208WBS01	178446	5.53	298973	6.74	311271	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.

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

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: JACO05

Lab Code: ACE SDG NO.: Q3788

Lab File ID: VX048742.D Date Analyzed: 12/08/2025

Instrument ID: MSVOA_X Time Analyzed: 09:20

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

	IS4 AREA #	RT #				
12 HOUR STD	132353	12				
UPPER LIMIT	264706	12.5				
LOWER LIMIT	66176.5	11.5				
EPA SAMPLE NO.						
BR-05-465-120525	129696	12.01				
MW-16B-87.5-120525	124497	12.01				
TB01-120525	173863	12.01				
VX1208WBL01	179749	12.01				
VX1208WBS01	157846	12.00				

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.: Q3788

Lab File ID: VX048768.D Date Analyzed: 12/09/2025

Instrument ID: MSVOA_X Time Analyzed: 09:25

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	159019	5.53	262535	6.74	233121	10.04
UPPER LIMIT	318038	6.032	525070	7.239	466242	10.537
LOWER LIMIT	79509.5	5.032	131268	6.239	116561	9.537
EPA SAMPLE NO.						
OWBR-05-135-120525	135193	5.54	279762	6.75	295744	10.04
OWBR-05-135-120525MS	135862	5.54	235253	6.75	212826	10.04
OWBR-05-135-120525MSD	135940	5.54	240144	6.75	217048	10.04
VX1209WBL01	129302	5.54	266304	6.75	288359	10.04
VX1209WBS02	172951	5.53	289026	6.74	260322	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.

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

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: JACO05

Lab Code: ACE SDG NO.: Q3788

Lab File ID: VX048768.D Date Analyzed: 12/09/2025

Instrument ID: MSVOA_X Time Analyzed: 09:25

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

	IS4 AREA #	RT #				
12 HOUR STD	116263	12				
UPPER LIMIT	232526	12.5				
LOWER LIMIT	58131.5	11.5				
EPA SAMPLE NO.						
OWBR-05-135-120525	153431	12.01				
OWBR-05-135-120525MS	106800	12.01				
OWBR-05-135-120525MSD	109904	12.01				
VX1209WBL01	149395	12.01				
VX1209WBS02	127982	12.00				

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.

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

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: JACO05

Lab Code: ACE SDG NO.: Q3788

Lab File ID: VX048796.D Date Analyzed: 12/10/2025

Instrument ID: MSVOA_X Time Analyzed: 09:40

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	164636	5.53	275167	6.74	243543	10.04
UPPER LIMIT	329272	6.031	550334	7.238	487086	10.537
LOWER LIMIT	82318	5.031	137584	6.238	121772	9.537
EPA SAMPLE NO.						
OW-01B-66.5-120525	134347	5.54	281654	6.75	303661	10.04
BR-05-465-120525RE	141844	5.54	294856	6.75	321925	10.04
MW-16B-87.5-120525RE	145186	5.54	297607	6.75	320506	10.04
VX1210WBL01	143182	5.53	288257	6.74	306883	10.04
VX1210WBS01	153473	5.53	261026	6.74	236663	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.

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

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: JACO05

Lab Code: ACE SDG NO.: Q3788

Lab File ID: VX048796.D Date Analyzed: 12/10/2025

Instrument ID: MSVOA_X Time Analyzed: 09:40

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

	IS4 AREA #	RT #				
12 HOUR STD	117430	12				
UPPER LIMIT	234860	12.5				
LOWER LIMIT	58715	11.5				
EPA SAMPLE NO.						
OW-01B-66.5-120525	163248	12.01				
BR-05-465-120525RE	176216	12.01				
MW-16B-87.5-120525RE	183436	12.01				
VX1210WBL01	162084	12.00				
VX1210WBS01	123629	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: **VX048774.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:	12/05/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	12/05/25
Client Sample ID:	OWBR-05-135-120525	SDG No.:	Q3788
Lab Sample ID:	Q3788-01	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	12/09/25 11:45	VX120925
75-35-4	1,1-Dichloroethene	120		1	0.23	1.00	ug/L	12/09/25 11:45	VX120925
75-34-3	1,1-Dichloroethane	9.30		1	0.23	1.00	ug/L	12/09/25 11:45	VX120925
156-59-2	cis-1,2-Dichloroethene	92.6		1	0.19	1.00	ug/L	12/09/25 11:45	VX120925
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	12/09/25 11:45	VX120925
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	12/09/25 11:45	VX120925
107-06-2	1,2-Dichloroethane	5.10		1	0.22	1.00	ug/L	12/09/25 11:45	VX120925
79-01-6	Trichloroethene	22.5		1	0.090	1.00	ug/L	12/09/25 11:45	VX120925
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	12/09/25 11:45	VX120925
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	12/09/25 11:45	VX120925
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	52.2			70 (74) - 130 (125)	104%	SPK: 50		
1868-53-7	Dibromofluoromethane	44.1			70 (75) - 130 (124)	88%	SPK: 50		
2037-26-5	Toluene-d8	45.1			70 (86) - 130 (113)	90%	SPK: 50		
460-00-4	4-Bromofluorobenzene	56.4			70 (77) - 130 (121)	113%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	135000							
540-36-3	1,4-Difluorobenzene	280000							
3114-55-4	Chlorobenzene-d5	296000							
3855-82-1	1,4-Dichlorobenzene-d4	153000							

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\VX120925\
Data File : VX048774.D
Acq On : 09 Dec 2025 11:45
Operator : JC/MD
Sample : Q3788-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
OWBR-05-135-120525

Quant Time: Dec 10 00:16:56 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

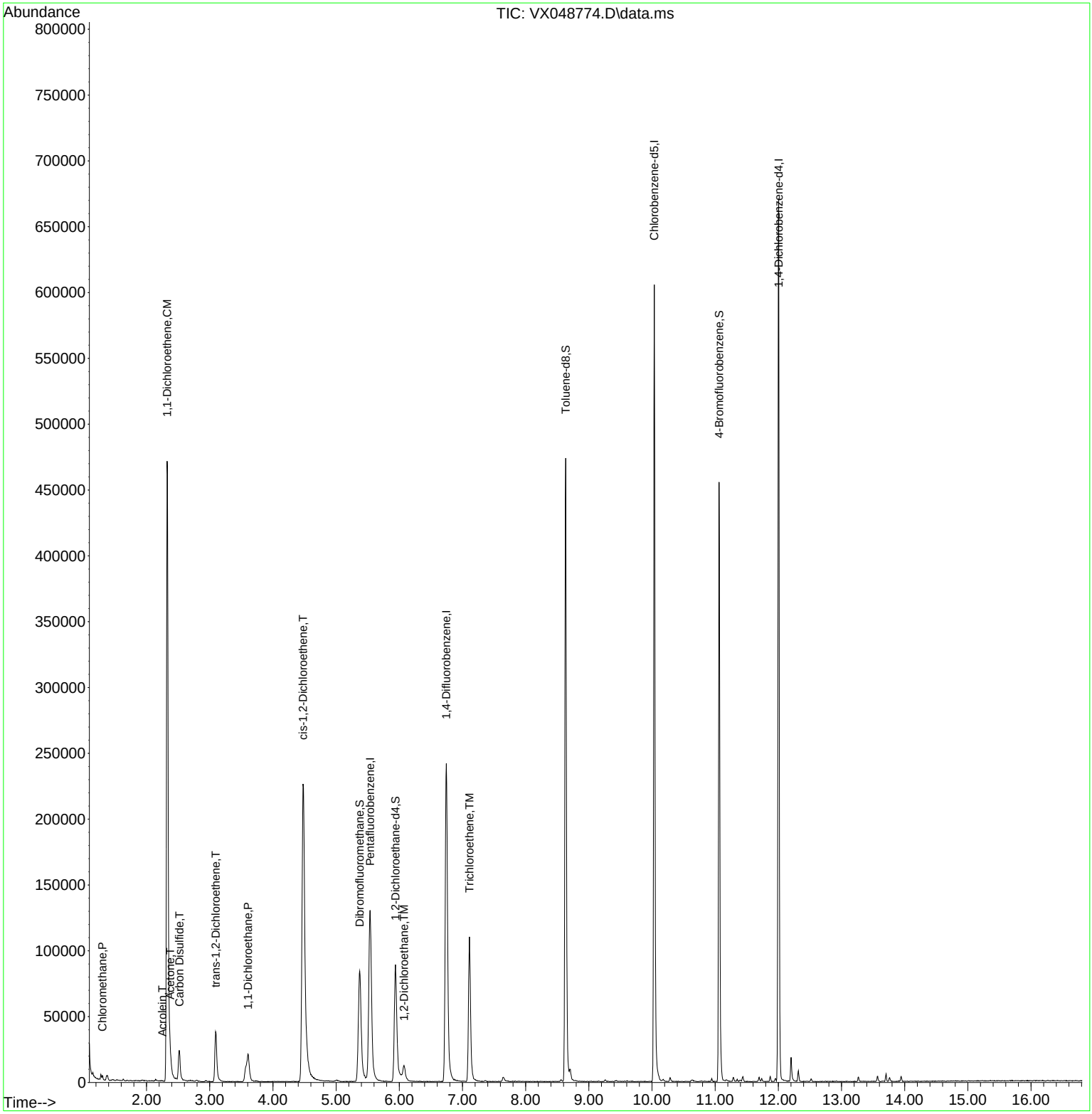
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.538	168	135193	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	279762	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	295744	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	153431	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	94731	52.207	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.420%			
35) Dibromofluoromethane	5.373	113	84981	44.117	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 88.240%			
50) Toluene-d8	8.635	98	304625	45.115	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 90.240%#			
62) 4-Bromofluorobenzene	11.061	95	131405	56.437	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 112.880%			
Target Compounds						Qvalue
3) Chloromethane	1.301	50	2432	1.399	ug/l	99
12) 1,1-Dichloroethene	2.325	96	187750	119.596	ug/l	99
13) Acrolein	2.252	56	302	41.073	ug/l	98
16) Acetone	2.374	43	8653	12.457	ug/l	98
17) Carbon Disulfide	2.520	76	19382	4.251	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	18284	11.411	ug/l	98
24) 1,1-Dichloroethane	3.605	63	25666	9.344	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	167466	92.623	ug/l	94
42) 1,2-Dichloroethane	6.074	62	14210	5.133	ug/l	99
44) Trichloroethene	7.111	130	45972	22.527	ug/l	98

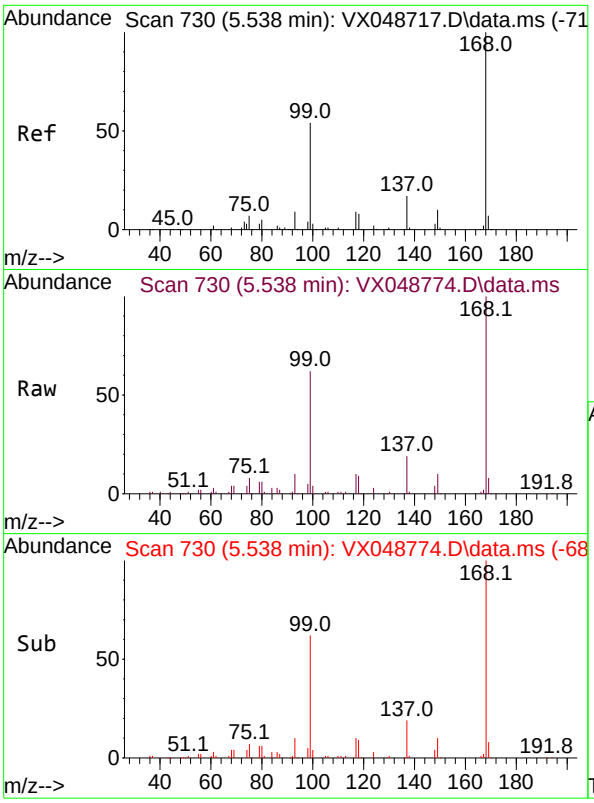
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120925\
Data File : VX048774.D
Acq On : 09 Dec 2025 11:45
Operator : JC/MD
Sample : Q3788-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
OWBR-05-135-120525

Quant Time: Dec 10 00:16:56 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



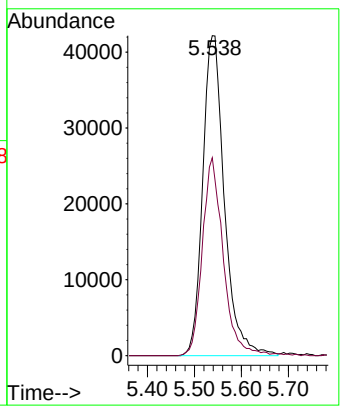


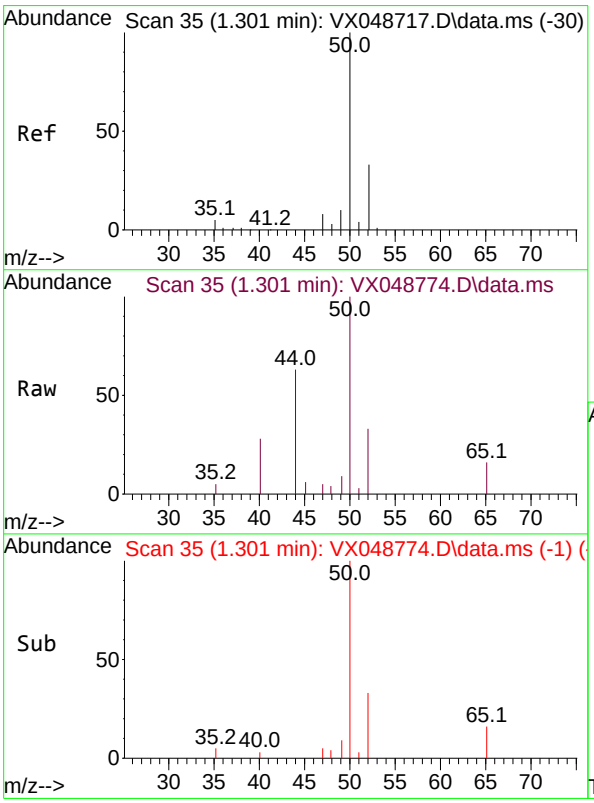
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048774.D
Acq: 09 Dec 2025 11:45

Instrument :
MSVOA_X
ClientSampleId :
OWBR-05-135-120525

Tgt Ion:168 Resp: 135193

Ion	Ratio	Lower	Upper
168	100		
99	61.8	44.2	66.4

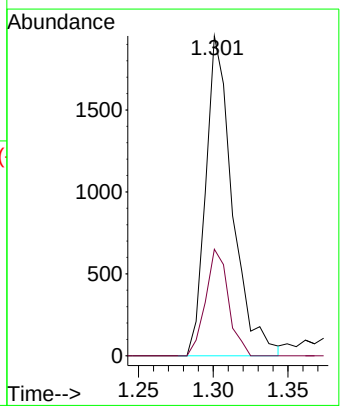


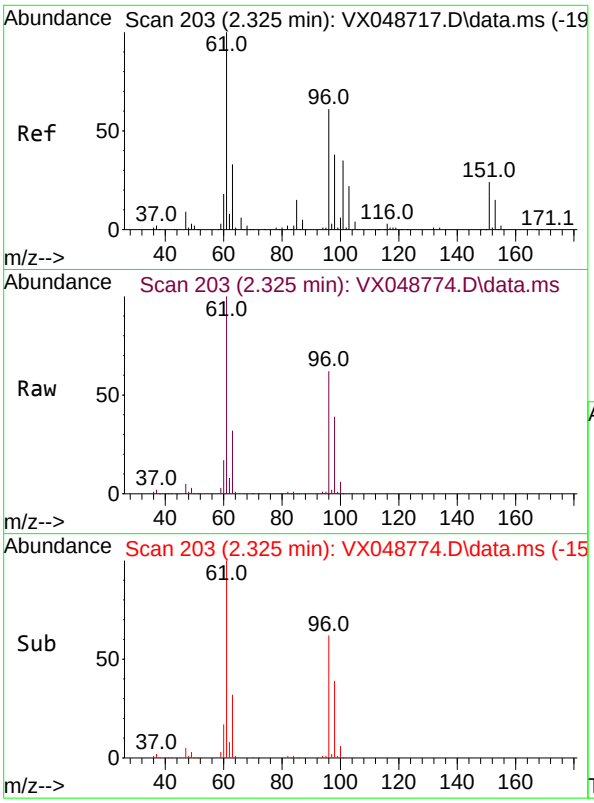


#3
Chloromethane
Concen: 1.399 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX048774.D
Acq: 09 Dec 2025 11:45

Tgt Ion: 50 Resp: 2432

Ion	Ratio	Lower	Upper
50	100		
52	33.3	26.4	39.6



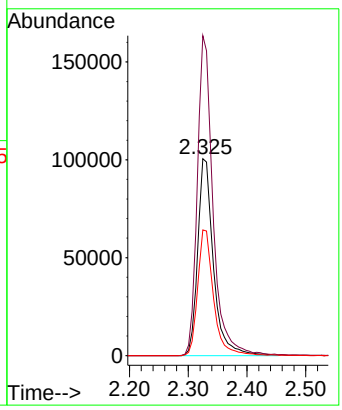


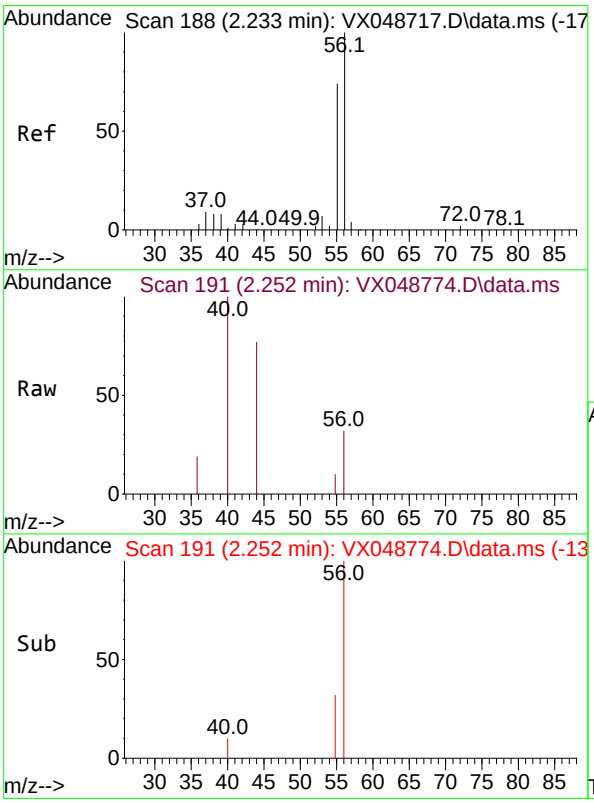
#12
1,1-Dichloroethene
Concen: 119.596 ug/l
RT: 2.325 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX048774.D
Acq: 09 Dec 2025 11:45

Instrument :
MSVOA_X
ClientSampleId :
OWBR-05-135-120525

Tgt Ion: 96 Resp: 187750

Ion	Ratio	Lower	Upper
96	100		
61	162.5	130.7	196.1
98	63.8	49.8	74.8

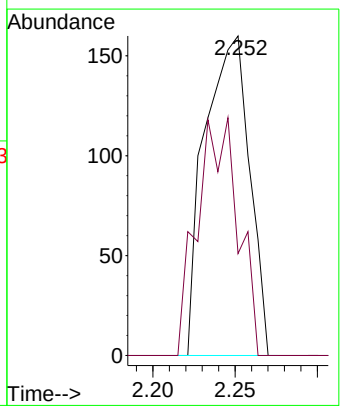


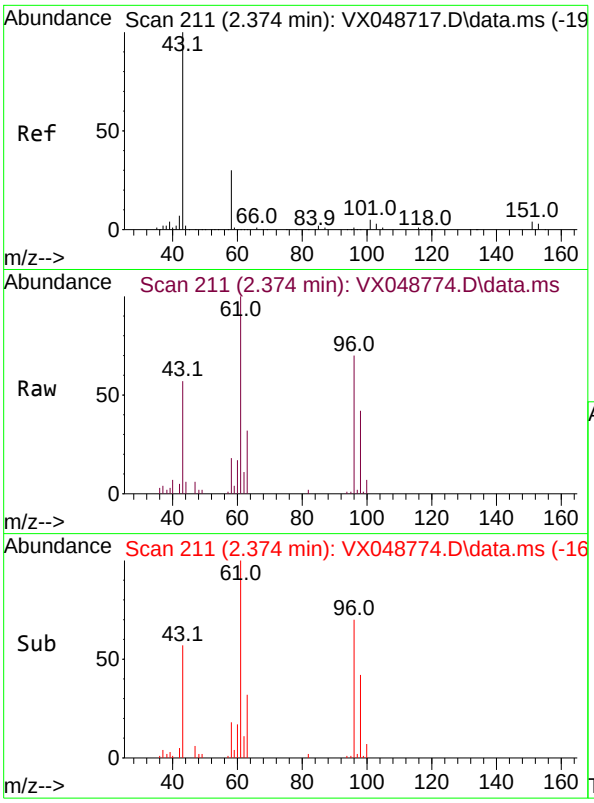


#13
Acrolein
Concen: 41.073 ug/l
RT: 2.252 min Scan# 191
Delta R.T. 0.018 min
Lab File: VX048774.D
Acq: 09 Dec 2025 11:45

Tgt Ion: 56 Resp: 302

Ion	Ratio	Lower	Upper
56	100		
55	67.9	55.8	83.6



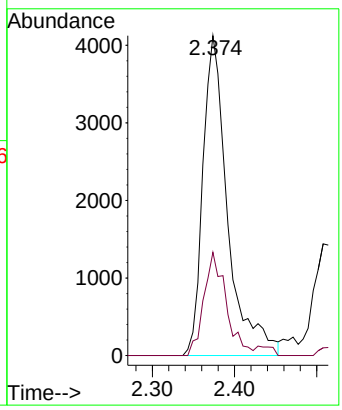


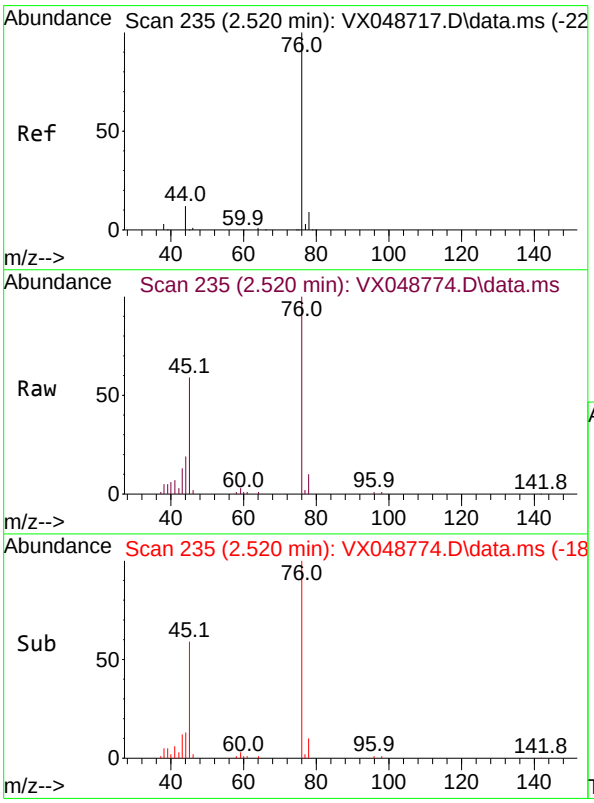
#16
Acetone
Concen: 12.457 ug/l
RT: 2.374 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX048774.D
Acq: 09 Dec 2025 11:45

Instrument :
MSVOA_X
ClientSampleId :
OWBR-05-135-120525

Tgt Ion: 43 Resp: 8653

Ion	Ratio	Lower	Upper
43	100		
58	32.3	25.0	37.4

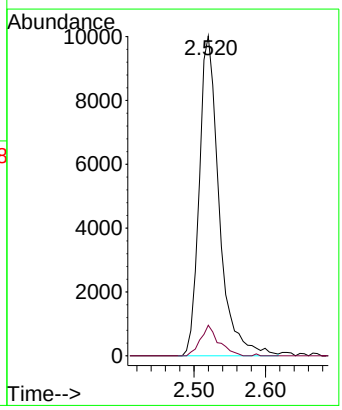


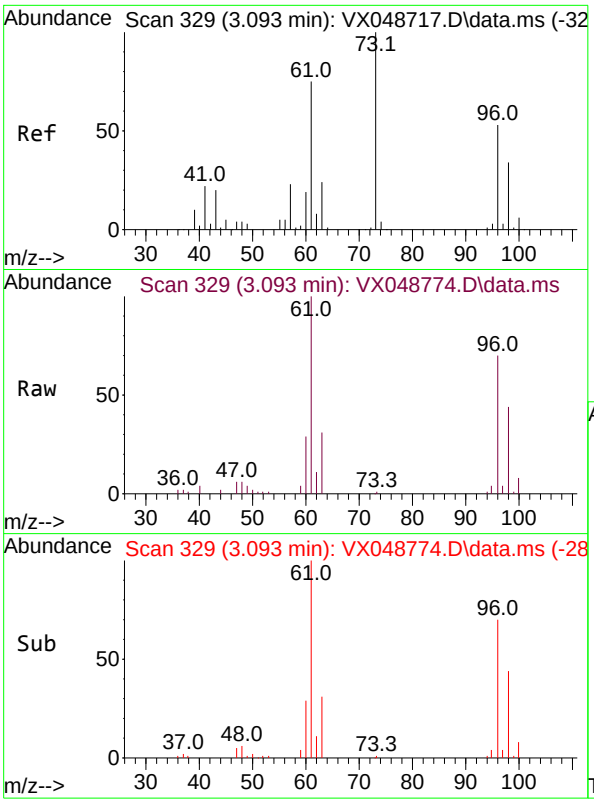


#17
Carbon Disulfide
Concen: 4.251 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.000 min
Lab File: VX048774.D
Acq: 09 Dec 2025 11:45

Tgt Ion: 76 Resp: 19382

Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.4	11.2



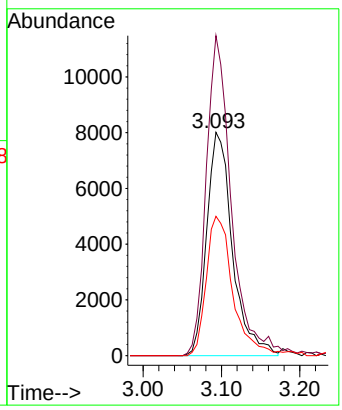


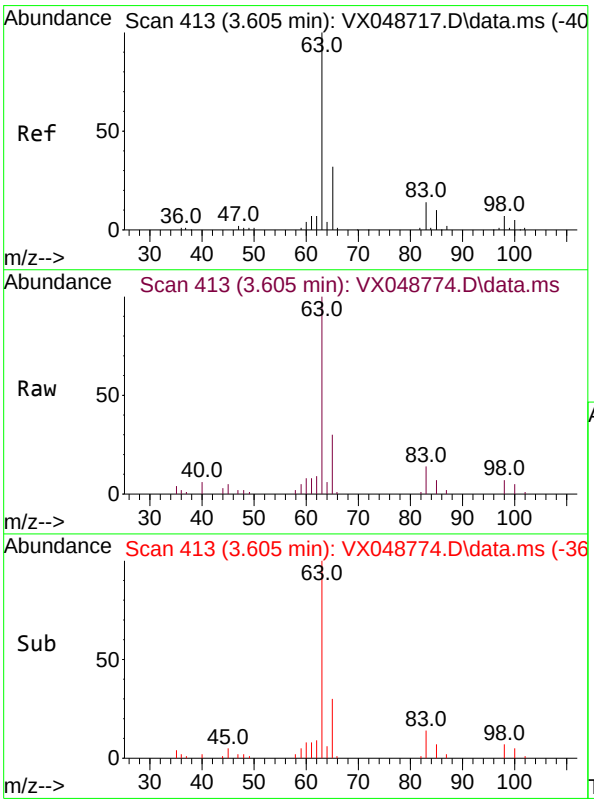
#21
trans-1,2-Dichloroethene
Concen: 11.411 ug/l
RT: 3.093 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX048774.D
Acq: 09 Dec 2025 11:45

Instrument :
MSVOA_X
ClientSampleId :
OWBR-05-135-120525

Tgt Ion: 96 Resp: 18284

Ion	Ratio	Lower	Upper
96	100		
61	143.3	112.8	169.2
98	62.4	51.0	76.4

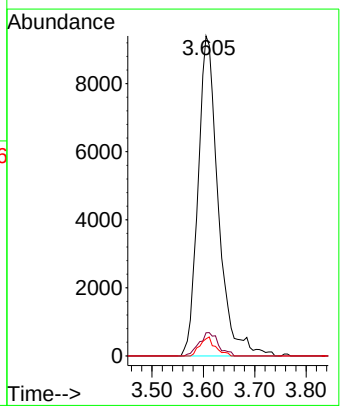


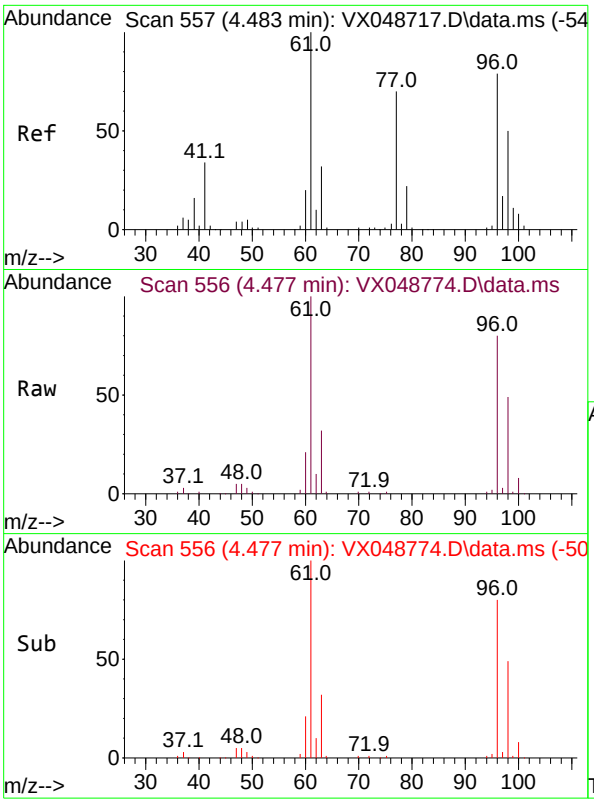


#24
1,1-Dichloroethane
Concen: 9.344 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX048774.D
Acq: 09 Dec 2025 11:45

Tgt Ion: 63 Resp: 25666

Ion	Ratio	Lower	Upper
63	100		
98	7.2	3.5	10.6
100	5.3	2.5	7.4



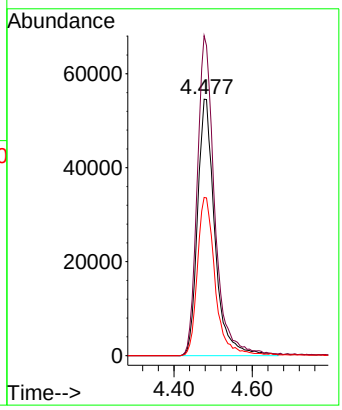


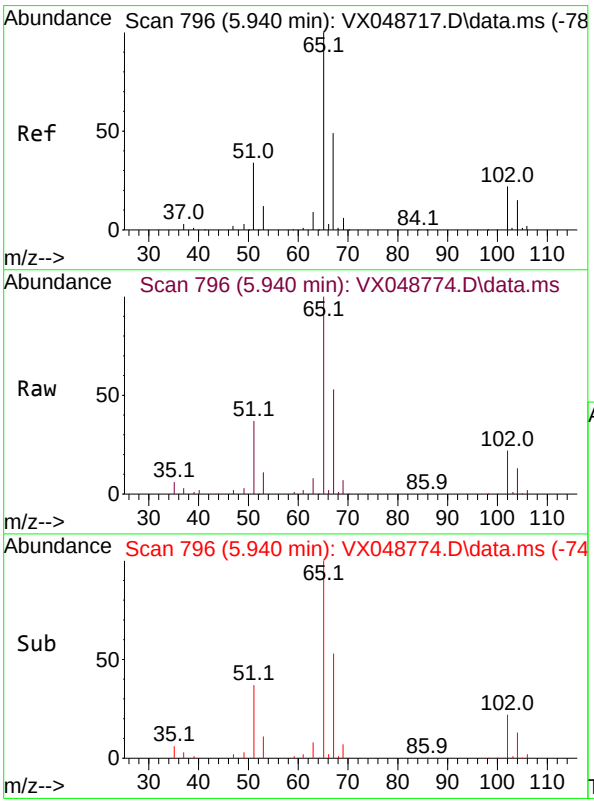
#27
cis-1,2-Dichloroethene
Concen: 92.623 ug/l
RT: 4.477 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX048774.D
Acq: 09 Dec 2025 11:45

Instrument :
MSVOA_X
ClientSampleId :
OWBR-05-135-120525

Tgt Ion: 96 Resp: 167466

Ion	Ratio	Lower	Upper
96	100		
61	125.7	0.0	271.0
98	63.1	0.0	130.2

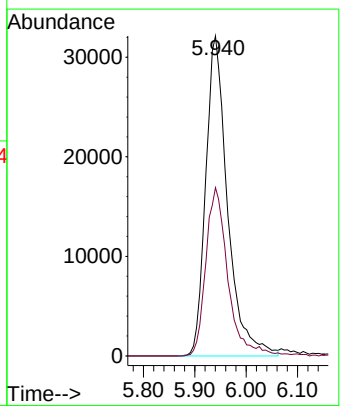


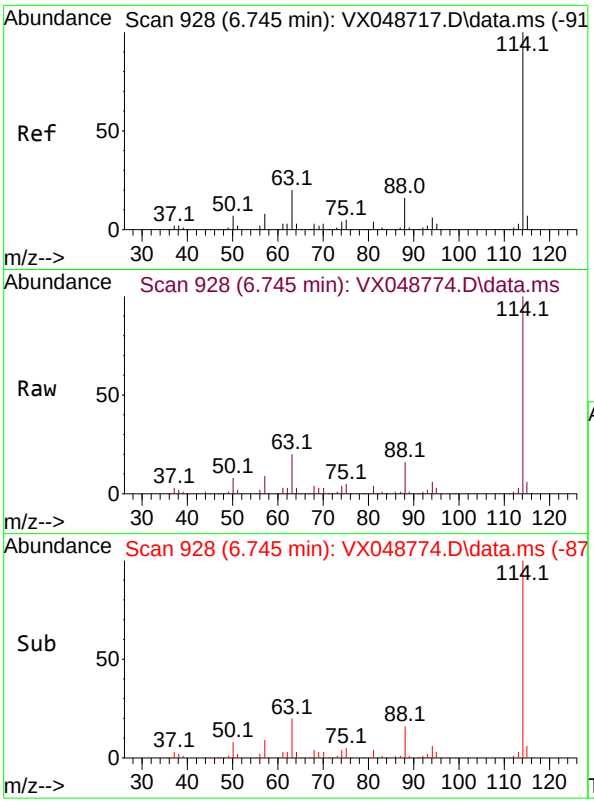


#33
1,2-Dichloroethane-d4
Concen: 52.207 ug/l
RT: 5.940 min Scan# 796
Delta R.T. 0.000 min
Lab File: VX048774.D
Acq: 09 Dec 2025 11:45

Tgt Ion: 65 Resp: 94731

Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	107.4



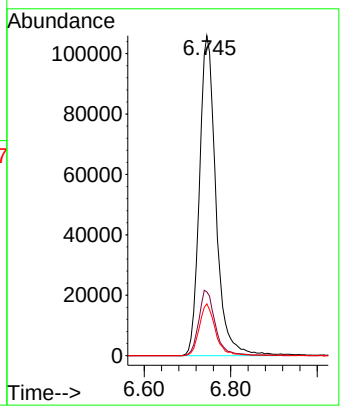


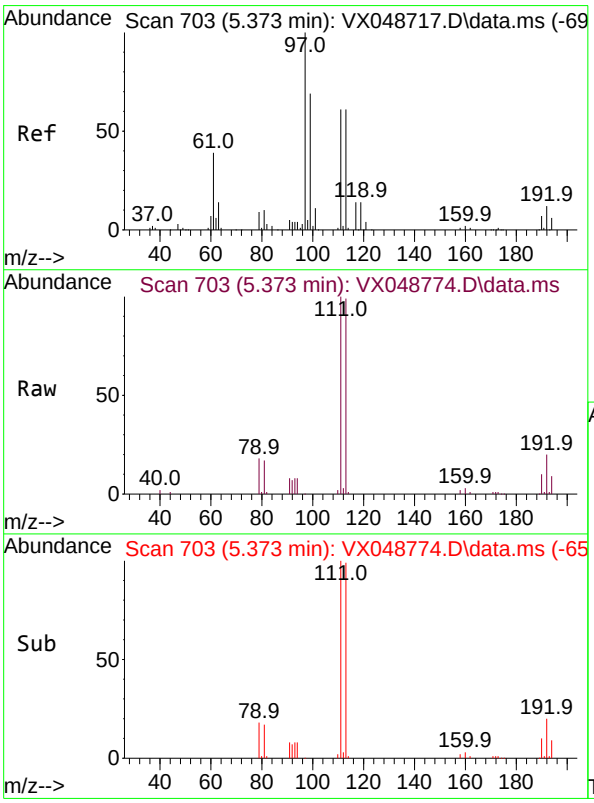
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX048774.D
Acq: 09 Dec 2025 11:45

Instrument :
MSVOA_X
ClientSampleId :
OWBR-05-135-120525

Tgt Ion:114 Resp: 279762

Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	39.0
88	16.2	0.0	31.8

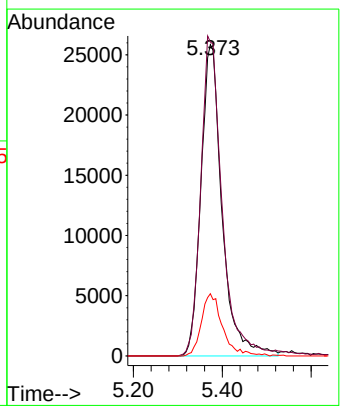


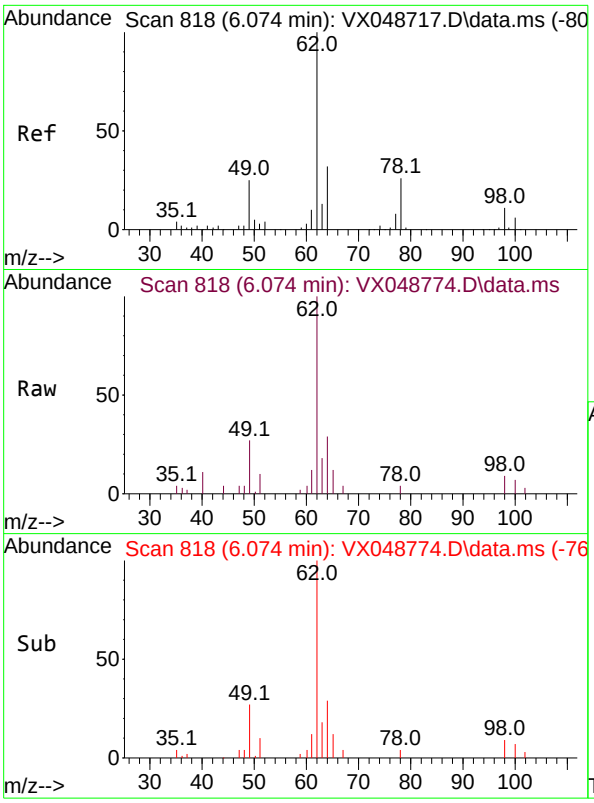


#35
Dibromofluoromethane
Concen: 44.117 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX048774.D
Acq: 09 Dec 2025 11:45

Tgt Ion:113 Resp: 84981

Ion	Ratio	Lower	Upper
113	100		
111	103.2	79.5	119.3
192	20.0	16.1	24.1



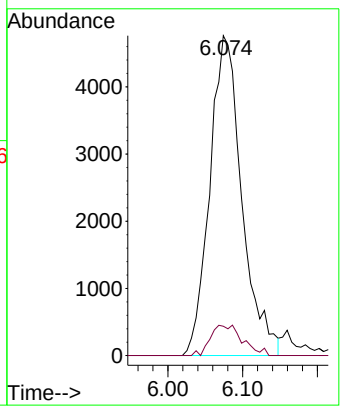


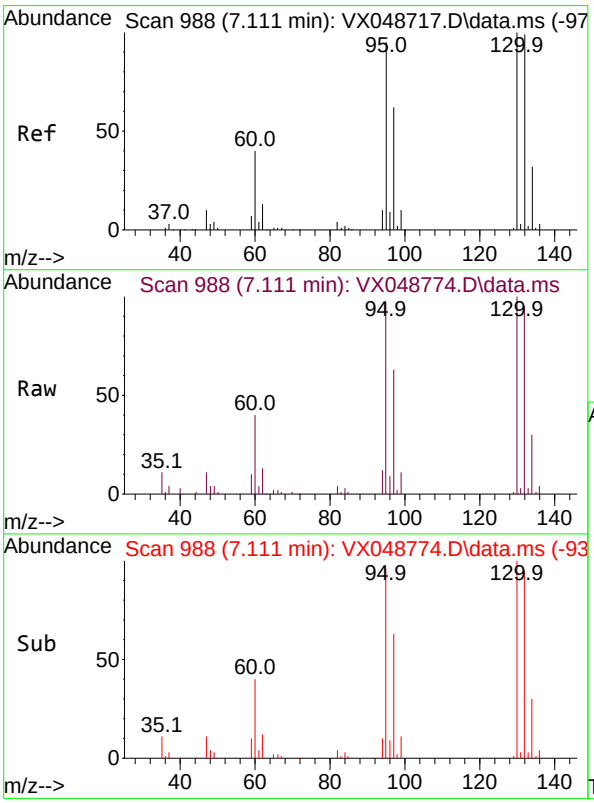
#42
1,2-Dichloroethane
Concen: 5.133 ug/l
RT: 6.074 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX048774.D
Acq: 09 Dec 2025 11:45

Instrument :
MSVOA_X
ClientSampleId :
OWBR-05-135-120525

Tgt Ion: 62 Resp: 14210

Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	20.2

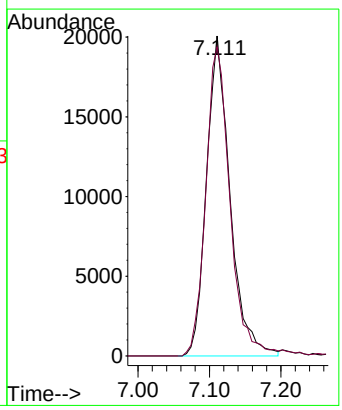


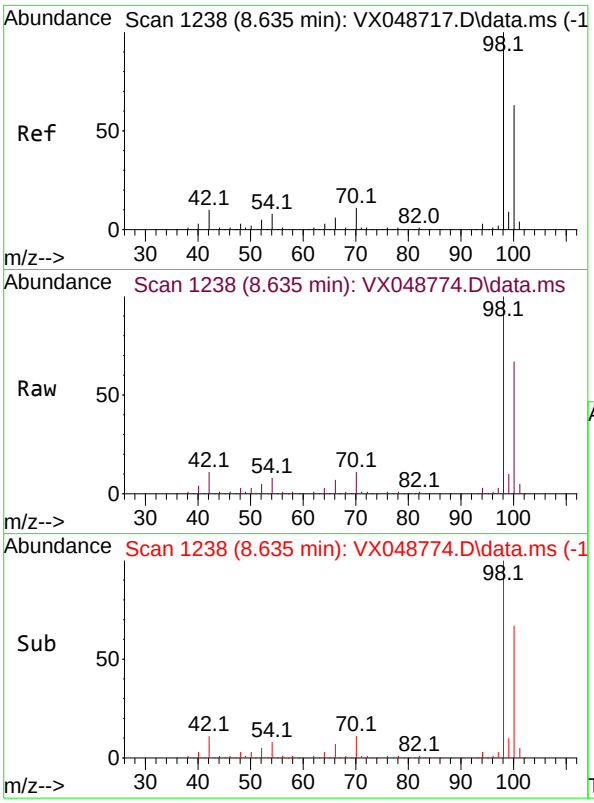


#44
Trichloroethene
Concen: 22.527 ug/l
RT: 7.111 min Scan# 988
Delta R.T. 0.000 min
Lab File: VX048774.D
Acq: 09 Dec 2025 11:45

Tgt Ion:130 Resp: 45972

Ion	Ratio	Lower	Upper
130	100		
95	96.5	0.0	189.6



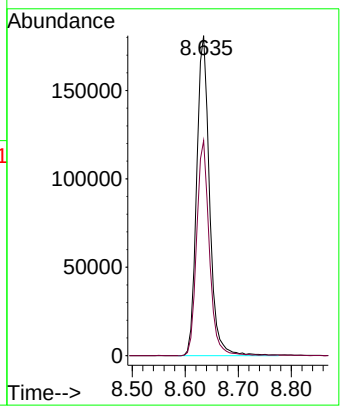


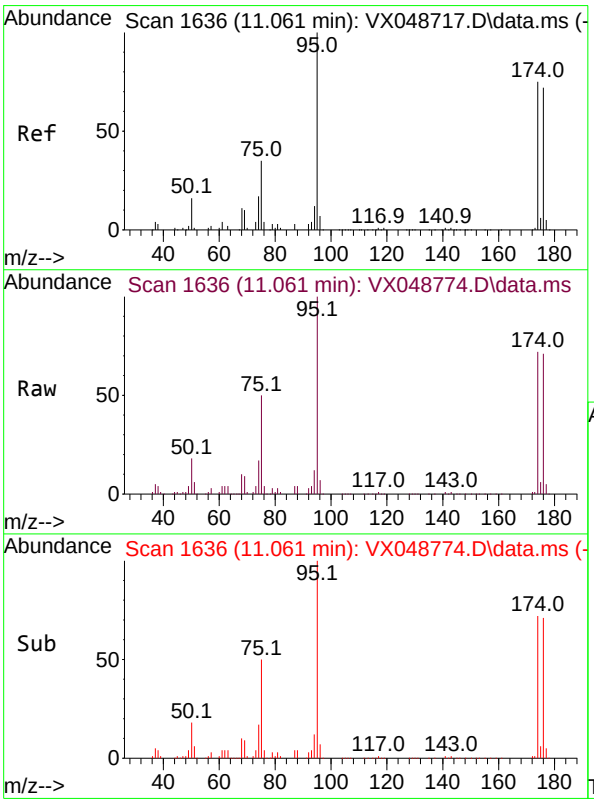
#50
Toluene-d8
Concen: 45.115 ug/l
RT: 8.635 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048774.D
Acq: 09 Dec 2025 11:45

Instrument :
MSVOA_X
ClientSampleId :
OWBR-05-135-120525

Tgt Ion: 98 Resp: 304625

Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.4	80.0

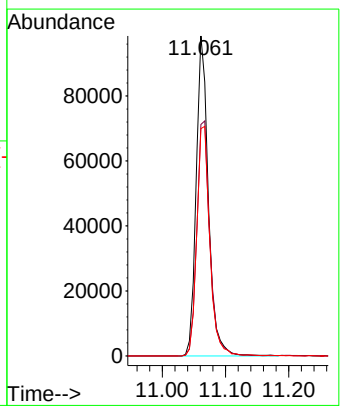


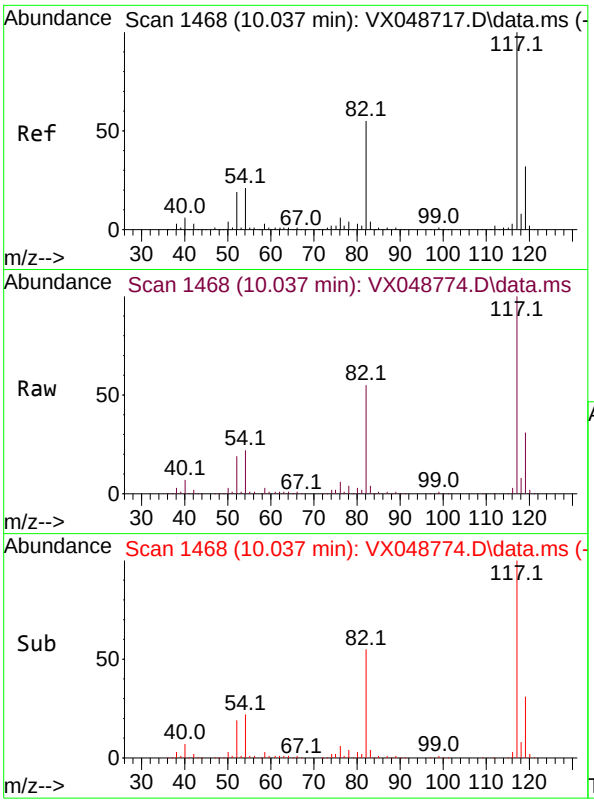


#62
4-Bromofluorobenzene
Concen: 56.437 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048774.D
Acq: 09 Dec 2025 11:45

Tgt Ion: 95 Resp: 131405

Ion	Ratio	Lower	Upper
95	100		
174	78.1	0.0	157.8
176	76.7	0.0	154.0



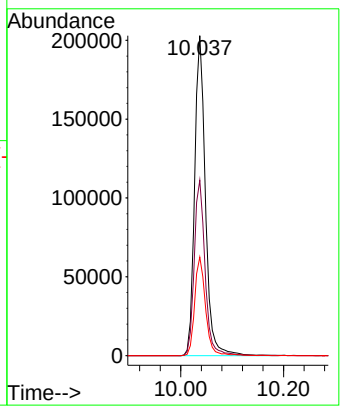


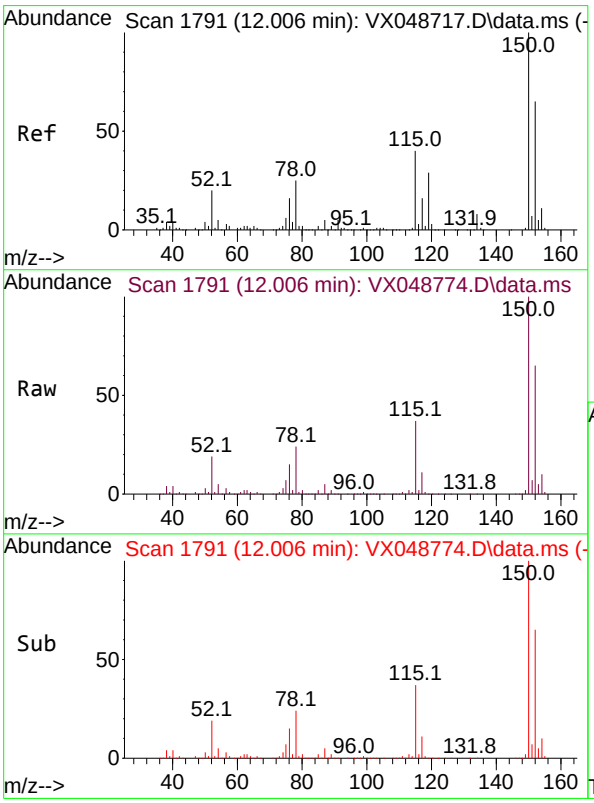
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048774.D
Acq: 09 Dec 2025 11:45

Instrument :
MSVOA_X
ClientSampleId :
OWBR-05-135-120525

Tgt Ion:117 Resp: 295744

Ion	Ratio	Lower	Upper
117	100		
82	54.8	44.1	66.1
119	30.8	25.2	37.8

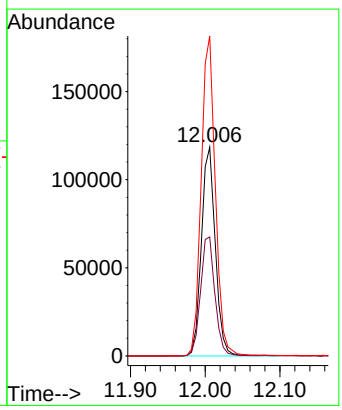




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX048774.D
Acq: 09 Dec 2025 11:45

Tgt Ion:152 Resp: 153431

Ion	Ratio	Lower	Upper
152	100		
115	58.8	42.1	126.4
150	155.7	0.0	347.8



Raw Data: **VX048814.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:	12/05/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	12/05/25
Client Sample ID:	OW-01B-66.5-120525	SDG No.:	Q3788
Lab Sample ID:	Q3788-07	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	12/10/25 16:13	VX121025
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	12/10/25 16:13	VX121025
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	12/10/25 16:13	VX121025
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	12/10/25 16:13	VX121025
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	12/10/25 16:13	VX121025
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	12/10/25 16:13	VX121025
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	12/10/25 16:13	VX121025
79-01-6	Trichloroethene	2.40		1	0.090	1.00	ug/L	12/10/25 16:13	VX121025
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	12/10/25 16:13	VX121025
127-18-4	Tetrachloroethene	0.45	J	1	0.23	1.00	ug/L	12/10/25 16:13	VX121025
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	57.5			70 (74) - 130 (125)	115%	SPK: 50		
1868-53-7	Dibromofluoromethane	46.7			70 (75) - 130 (124)	93%	SPK: 50		
2037-26-5	Toluene-d8	47.2			70 (86) - 130 (113)	94%	SPK: 50		
460-00-4	4-Bromofluorobenzene	60.4			70 (77) - 130 (121)	121%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	134000							
540-36-3	1,4-Difluorobenzene	282000							
3114-55-4	Chlorobenzene-d5	304000							
3855-82-1	1,4-Dichlorobenzene-d4	163000							

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\VX121025\
Data File : VX048814.D
Acq On : 10 Dec 2025 16:13
Operator : JC/MD
Sample : Q3788-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
OW-01B-66.5-120525

Quant Time: Dec 11 00:25:53 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

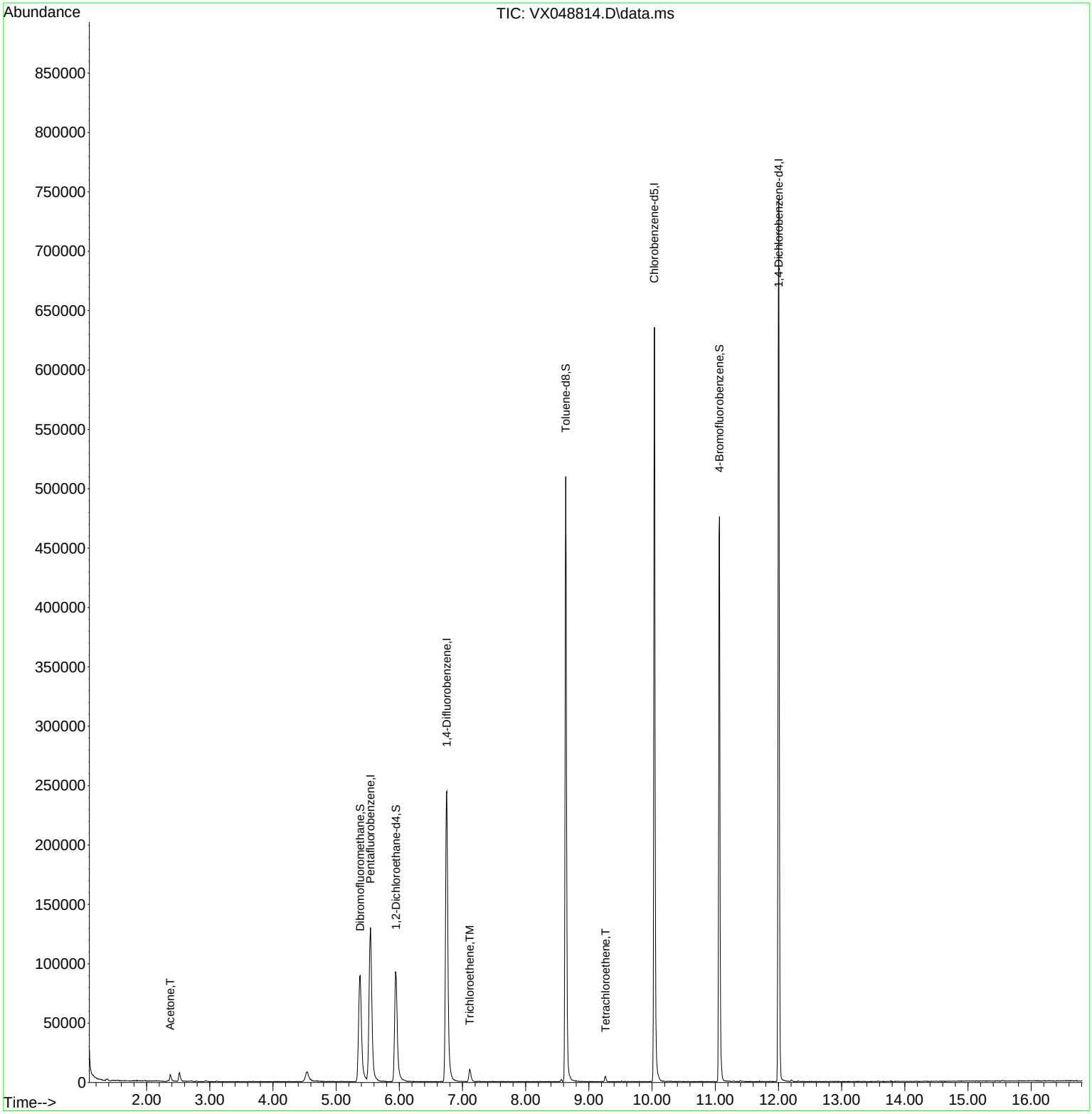
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.543	168	134347	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	281654	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	303661	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	163248	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	103705	57.512	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 115.020%			
35) Dibromofluoromethane	5.379	113	90521	46.677	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.360%			
50) Toluene-d8	8.634	98	321038	47.226	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 94.460%			
62) 4-Bromofluorobenzene	11.067	95	141576	60.396	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 120.800%			
Target Compounds						Qvalue
16) Acetone	2.373	43	7351	10.649	ug/l #	87
44) Trichloroethene	7.116	130	4959	2.414	ug/l	94
64) Tetrachloroethene	9.262	164	1000	0.452	ug/l #	82

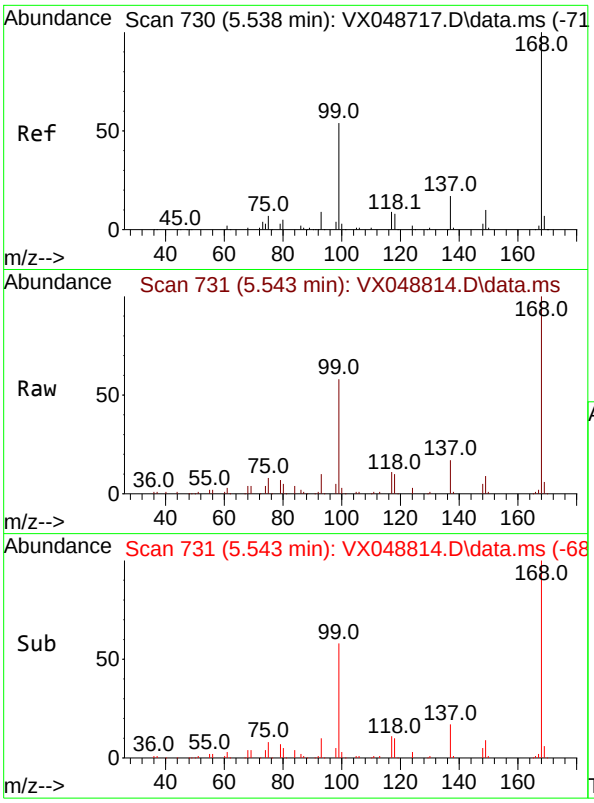
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121025\
Data File : VX048814.D
Acq On : 10 Dec 2025 16:13
Operator : JC/MD
Sample : Q3788-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
OW-01B-66.5-120525

Quant Time: Dec 11 00:25:53 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



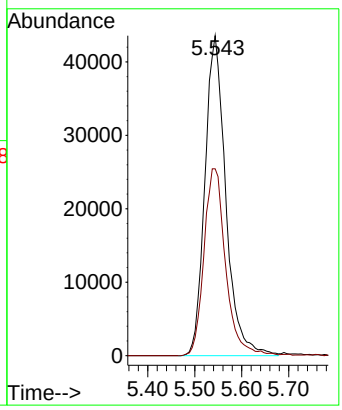


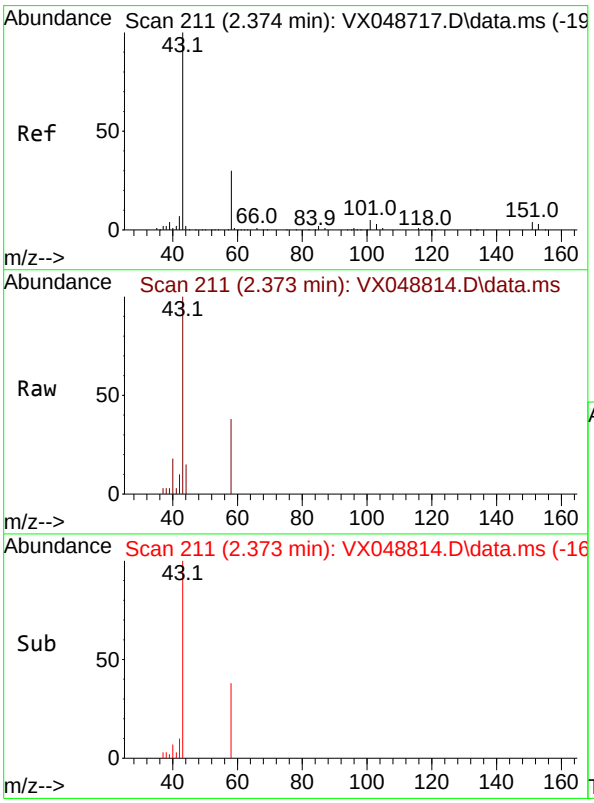
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 7
Delta R.T. 0.005 min
Lab File: VX048814.D
Acq: 10 Dec 2025 16:13

Instrument :
MSVOA_X
ClientSampleId :
OW-01B-66.5-120525

Tgt Ion:168 Resp: 134347

Ion	Ratio	Lower	Upper
168	100		
99	58.4	44.2	66.4

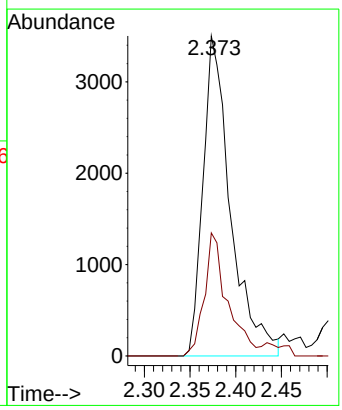


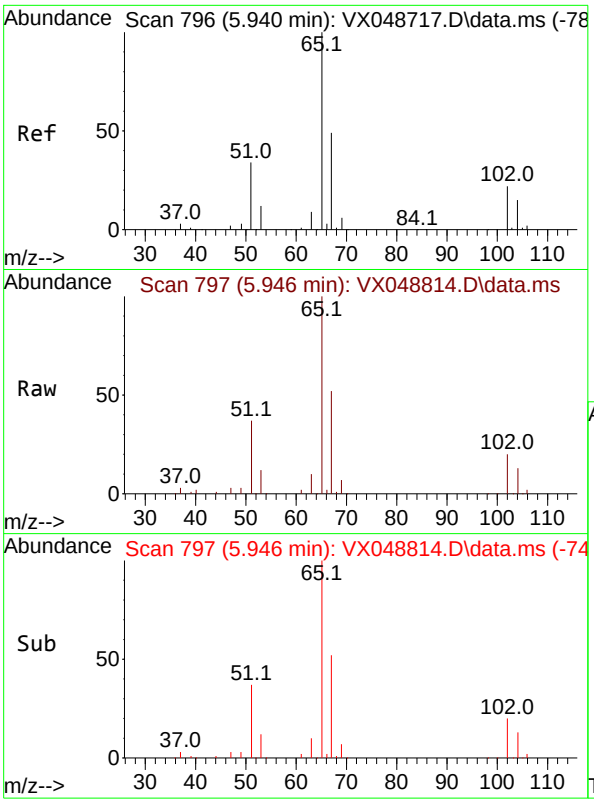


#16
Acetone
Concen: 10.649 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048814.D
Acq: 10 Dec 2025 16:13

Tgt Ion: 43 Resp: 7351

Ion	Ratio	Lower	Upper
43	100		
58	38.4	25.0	37.4#



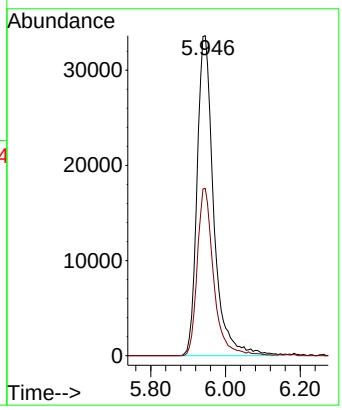


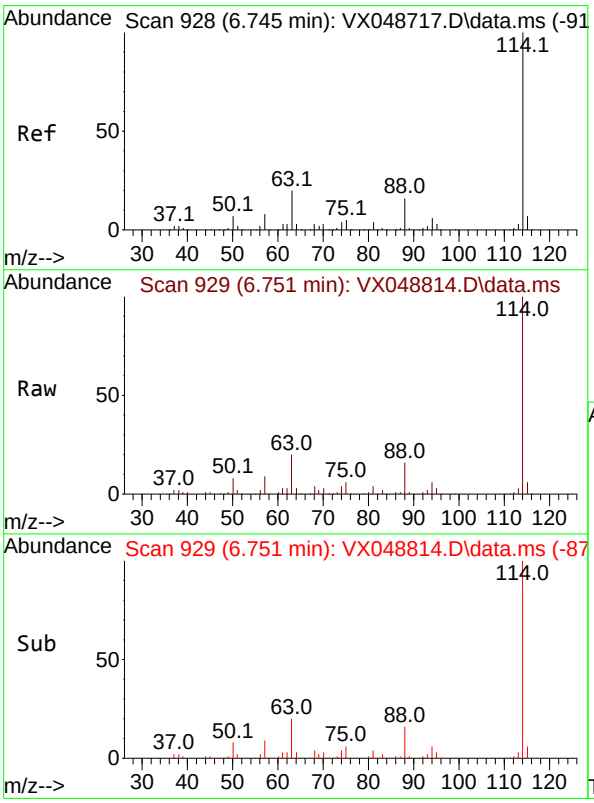
#33
1,2-Dichloroethane-d4
Concen: 57.512 ug/l
RT: 5.946 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048814.D
Acq: 10 Dec 2025 16:13

Instrument :
MSVOA_X
ClientSampleId :
OW-01B-66.5-120525

Tgt Ion: 65 Resp: 103705

Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	107.4

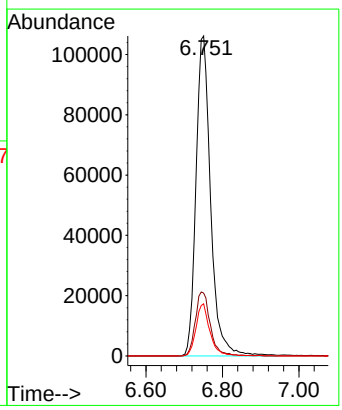


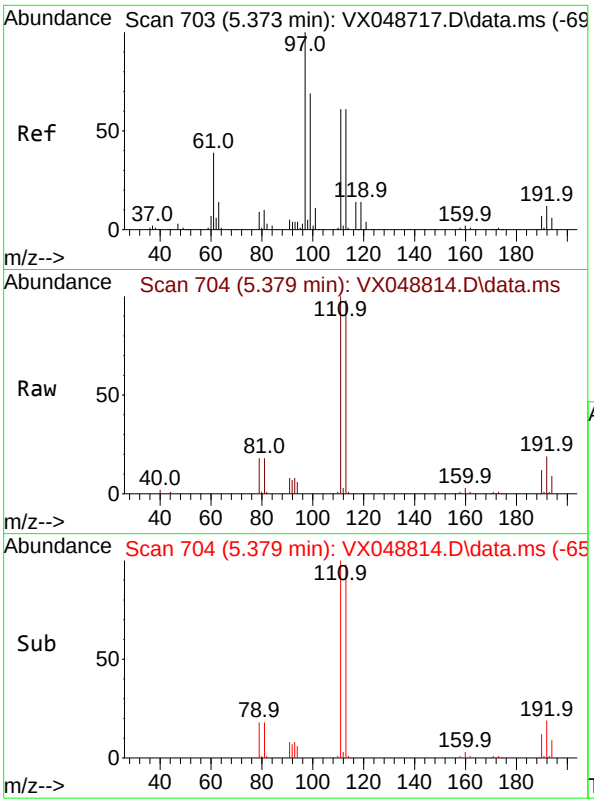


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. 0.006 min
Lab File: VX048814.D
Acq: 10 Dec 2025 16:13

Tgt Ion:114 Resp: 281654

Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	39.0
88	16.3	0.0	31.8



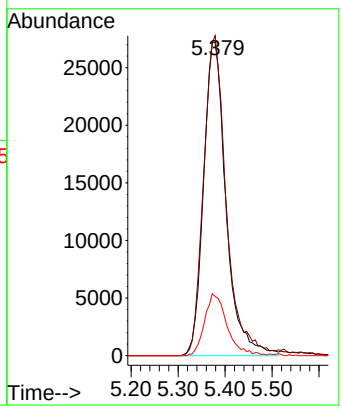


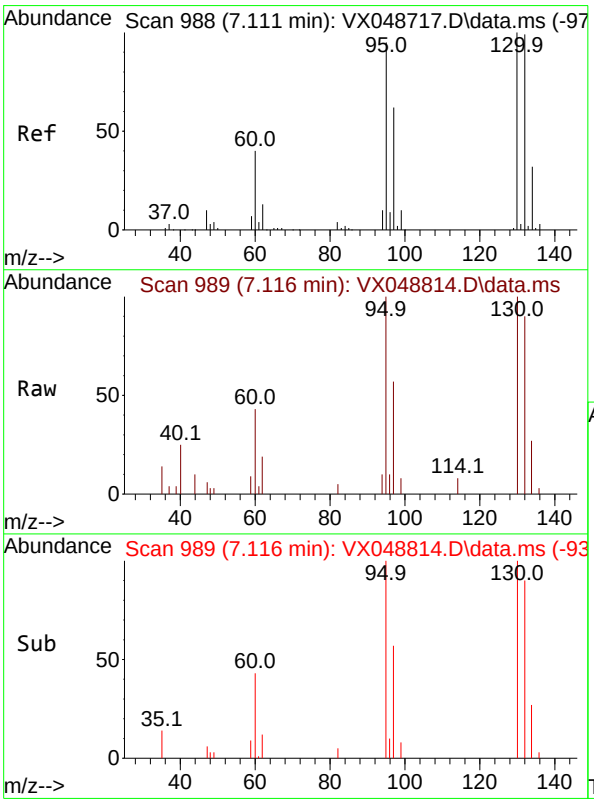
#35
Dibromofluoromethane
Concen: 46.677 ug/l
RT: 5.379 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048814.D
Acq: 10 Dec 2025 16:13

Instrument :
MSVOA_X
ClientSampleId :
OW-01B-66.5-120525

Tgt Ion:113 Resp: 90521

Ion	Ratio	Lower	Upper
113	100		
111	102.6	79.5	119.3
192	19.7	16.1	24.1

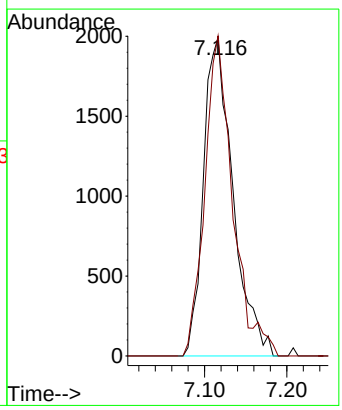


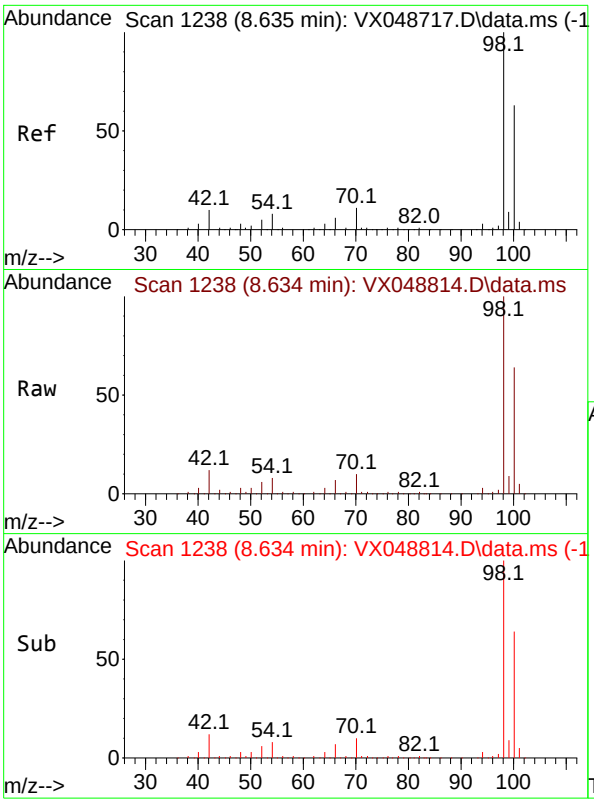


#44
Trichloroethene
Concen: 2.414 ug/l
RT: 7.116 min Scan# 989
Delta R.T. 0.006 min
Lab File: VX048814.D
Acq: 10 Dec 2025 16:13

Tgt Ion:130 Resp: 4959

Ion	Ratio	Lower	Upper
130	100		
95	100.5	0.0	189.6



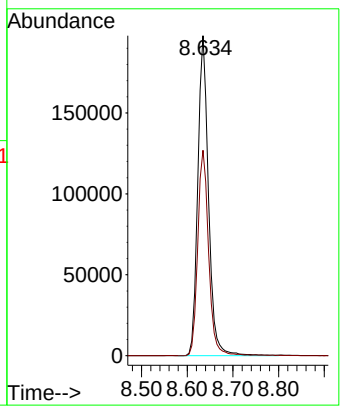


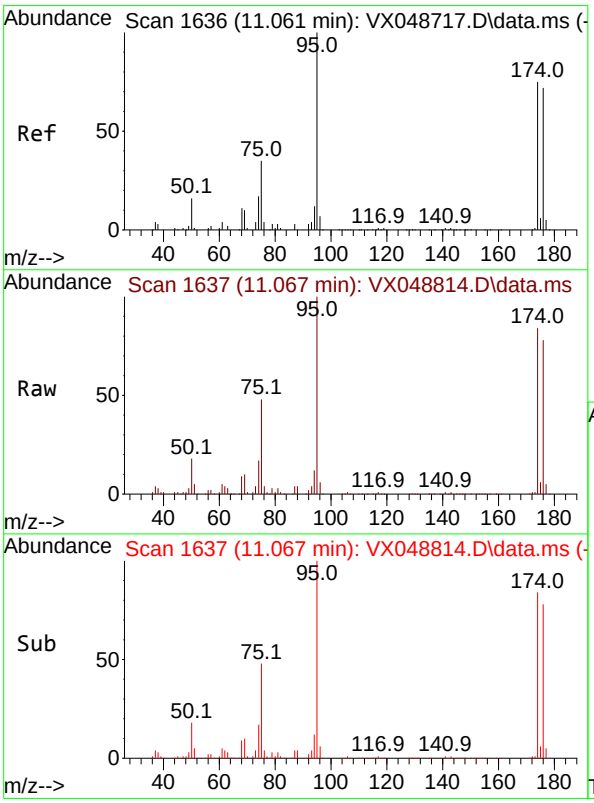
#50
Toluene-d8
Concen: 47.226 ug/l
RT: 8.634 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048814.D
Acq: 10 Dec 2025 16:13

Instrument :
MSVOA_X
ClientSampleId :
OW-01B-66.5-120525

Tgt Ion: 98 Resp: 321038

Ion	Ratio	Lower	Upper
98	100		
100	65.1	53.4	80.0

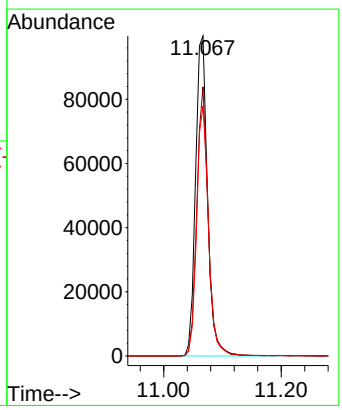


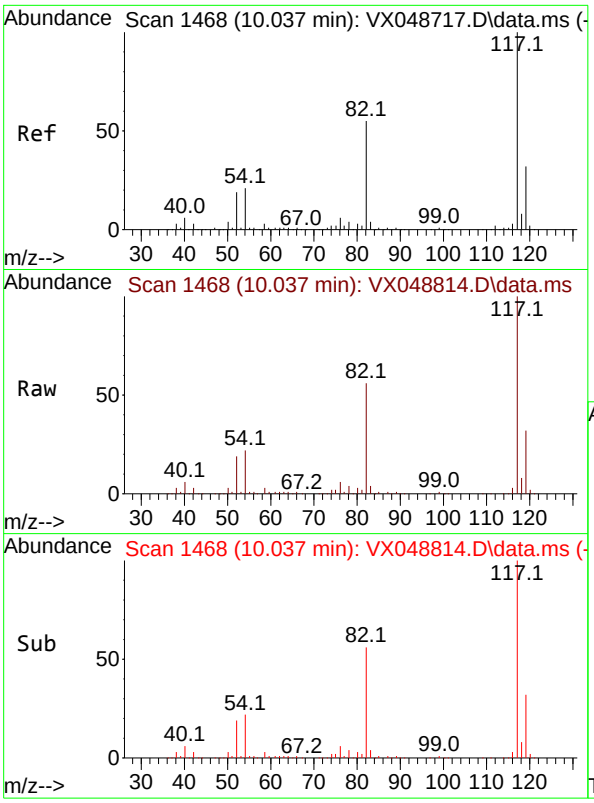


#62
4-Bromofluorobenzene
Concen: 60.396 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX048814.D
Acq: 10 Dec 2025 16:13

Tgt Ion: 95 Resp: 141576

Ion	Ratio	Lower	Upper
95	100		
174	80.2	0.0	157.8
176	77.2	0.0	154.0



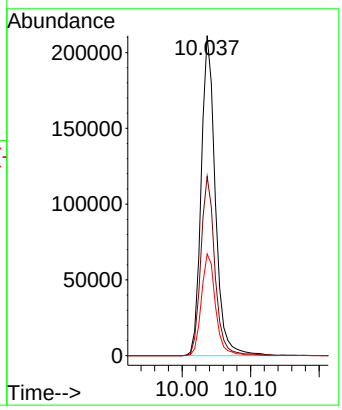


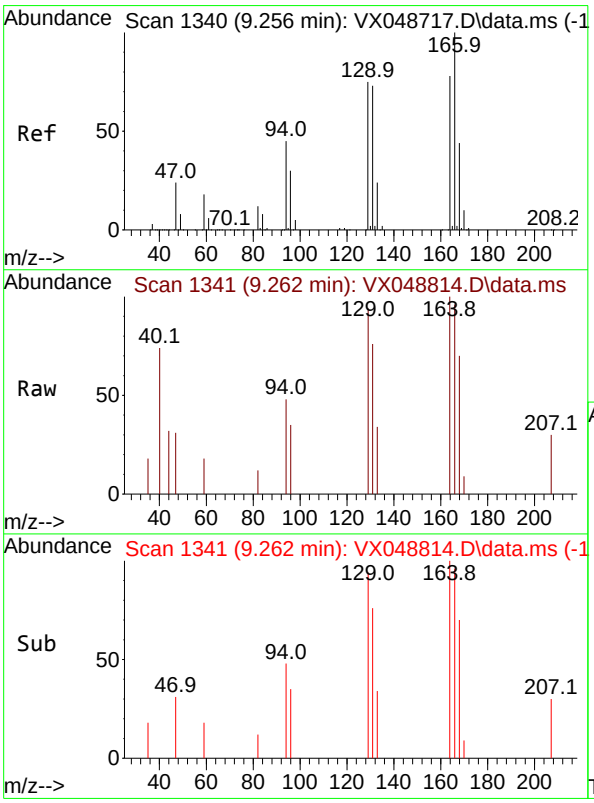
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048814.D
Acq: 10 Dec 2025 16:13

Instrument :
MSVOA_X
ClientSampleId :
OW-01B-66.5-120525

Tgt Ion:117 Resp: 303661

Ion	Ratio	Lower	Upper
117	100		
82	56.0	44.1	66.1
119	31.8	25.2	37.8

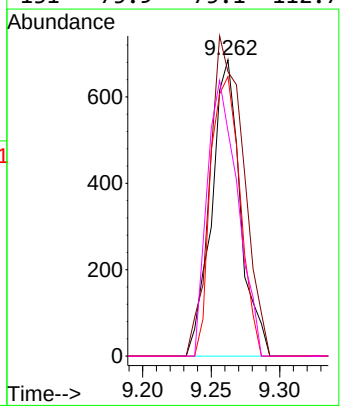


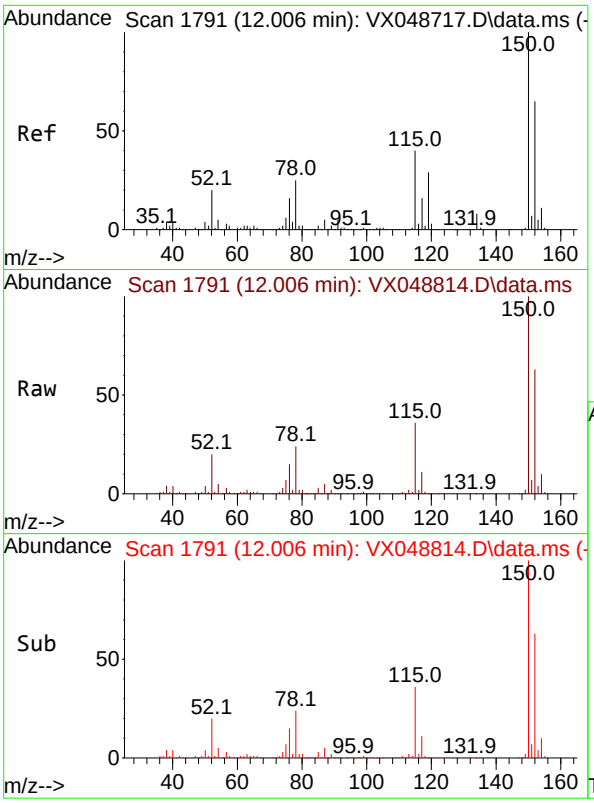


#64
Tetrachloroethene
Concen: 0.452 ug/l
RT: 9.262 min Scan# 1341
Delta R.T. 0.006 min
Lab File: VX048814.D
Acq: 10 Dec 2025 16:13

Tgt Ion:164 Resp: 1000

Ion	Ratio	Lower	Upper
164	100		
166	95.9	103.1	154.7#
129	94.3	76.9	115.3
131	75.9	75.1	112.7



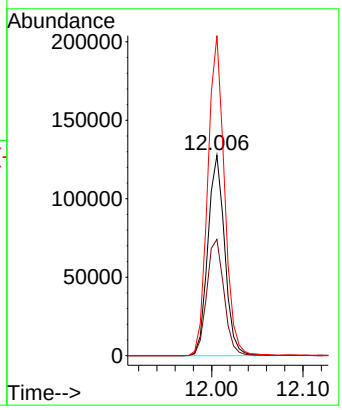


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048814.D
Acq: 10 Dec 2025 16:13

Instrument :
MSVOA_X
ClientSampleId :
OW-01B-66.5-120525

Tgt Ion:152 Resp: 163248

Ion	Ratio	Lower	Upper
152	100		
115	59.9	42.1	126.4
150	158.2	0.0	347.8



Raw Data: **VX048761.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:	12/05/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	12/05/25
Client Sample ID:	BR-05-465-120525	SDG No.:	Q3788
Lab Sample ID:	Q3788-09	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	12/08/25 17:21	VX120825
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	12/08/25 17:21	VX120825
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	12/08/25 17:21	VX120825
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	12/08/25 17:21	VX120825
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	12/08/25 17:21	VX120825
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	12/08/25 17:21	VX120825
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	12/08/25 17:21	VX120825
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	12/08/25 17:21	VX120825
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	12/08/25 17:21	VX120825
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	12/08/25 17:21	VX120825
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	64.1			70 (74) - 130 (125)	128%	SPK: 50		
1868-53-7	Dibromofluoromethane	37.2			70 (75) - 130 (124)	74%	SPK: 50		
2037-26-5	Toluene-d8	44.7			70 (86) - 130 (113)	89%	SPK: 50		
460-00-4	4-Bromofluorobenzene	39.0			70 (77) - 130 (121)	78%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	159000							
540-36-3	1,4-Difluorobenzene	334000							
3114-55-4	Chlorobenzene-d5	260000							
3855-82-1	1,4-Dichlorobenzene-d4	130000							

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\VX120825\
Data File : VX048761.D
Acq On : 08 Dec 2025 17:21
Operator : JC/MD
Sample : Q3788-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BR-05-465-120525

Quant Time: Dec 09 04:13:47 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

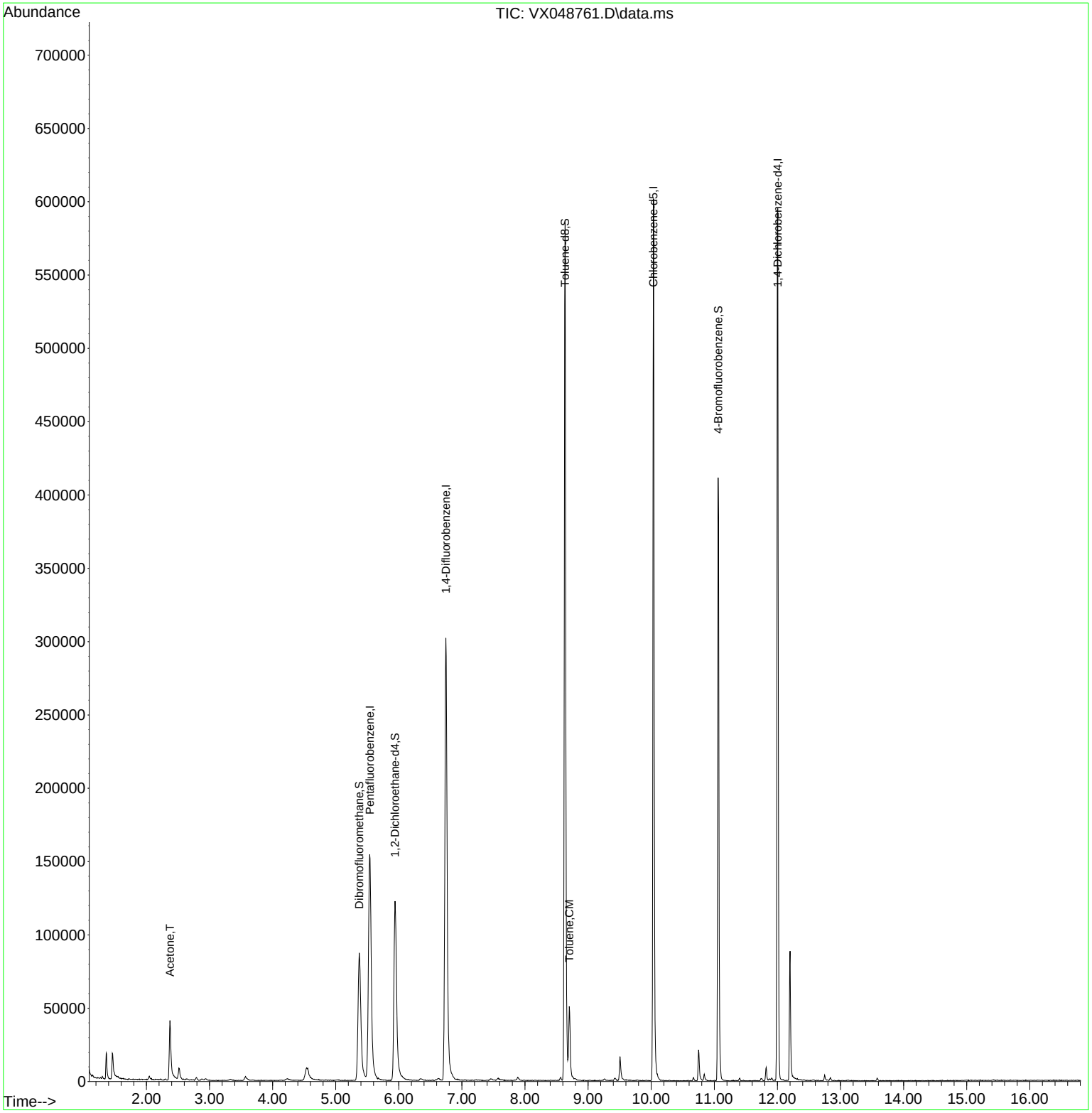
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	158795	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	333603	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	259658	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	129696	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	136681	64.130	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 128.260%#			
35) Dibromofluoromethane	5.373	113	85386	37.173	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 74.340%#			
50) Toluene-d8	8.634	98	360181	44.734	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 89.460%#			
62) 4-Bromofluorobenzene	11.061	95	108254	38.990	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 77.980%#			
Target Compounds						Qvalue
16) Acetone	2.373	43	54679	67.016	ug/l	99
52) Toluene	8.702	92	18766	3.337	ug/l	98

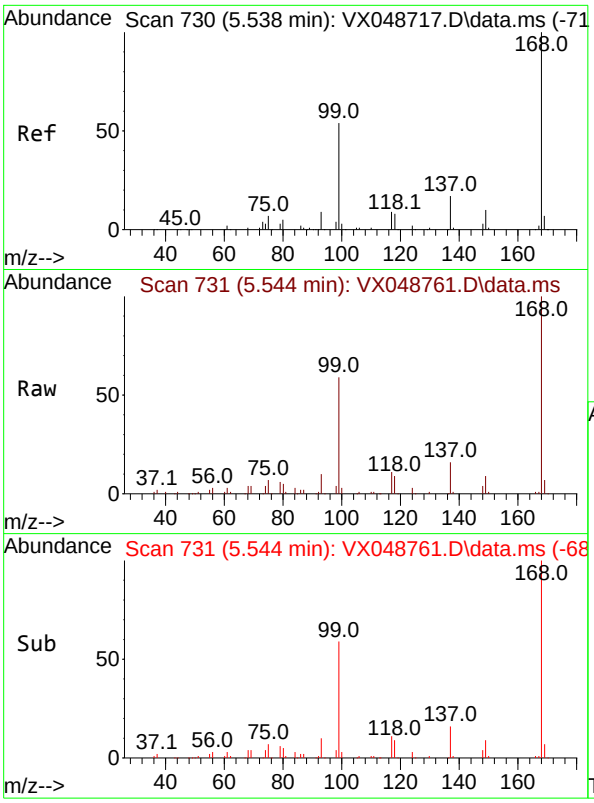
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120825\
Data File : VX048761.D
Acq On : 08 Dec 2025 17:21
Operator : JC/MD
Sample : Q3788-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BR-05-465-120525

Quant Time: Dec 09 04:13:47 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



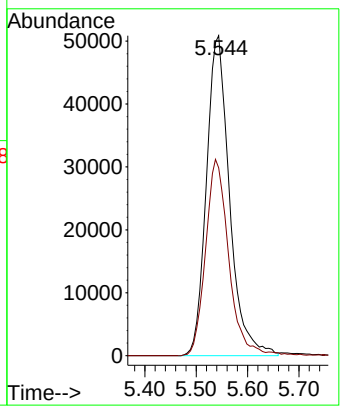


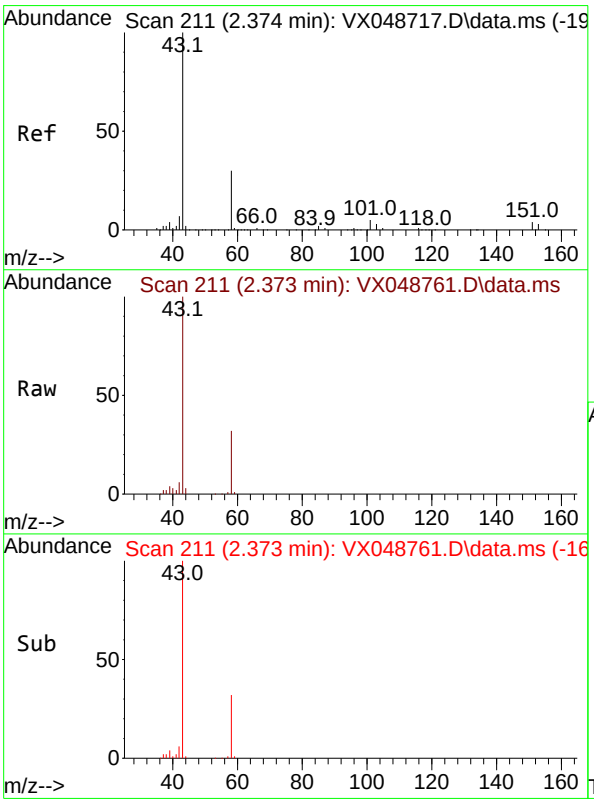
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048761.D
Acq: 08 Dec 2025 17:21

Instrument :
MSVOA_X
ClientSampleId :
BR-05-465-120525

Tgt Ion:168 Resp: 158795

Ion	Ratio	Lower	Upper
168	100		
99	58.7	44.2	66.4

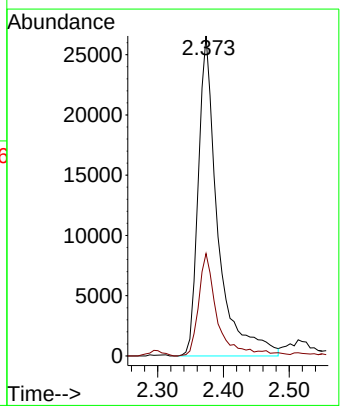


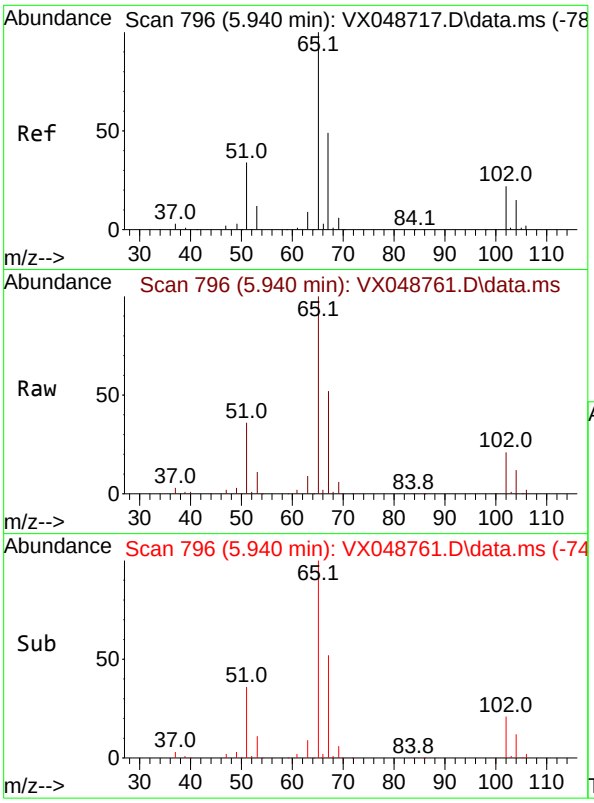


#16
Acetone
Concen: 67.016 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048761.D
Acq: 08 Dec 2025 17:21

Tgt Ion: 43 Resp: 54679

Ion	Ratio	Lower	Upper
43	100		
58	32.0	25.0	37.4



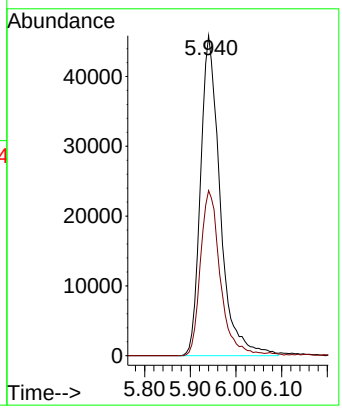


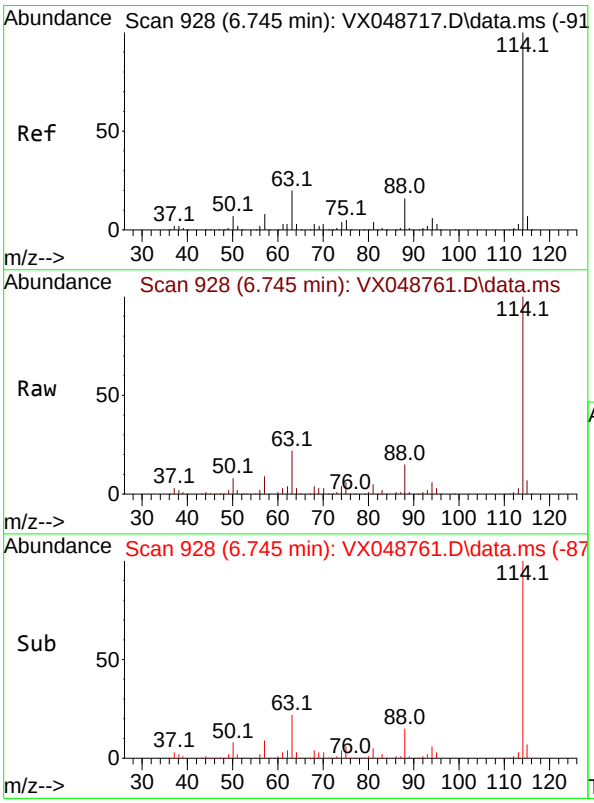
#33
1,2-Dichloroethane-d4
Concen: 64.130 ug/l
RT: 5.940 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048761.D
Acq: 08 Dec 2025 17:21

Instrument :
MSVOA_X
ClientSampleId :
BR-05-465-120525

Tgt Ion: 65 Resp: 136681

Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	107.4

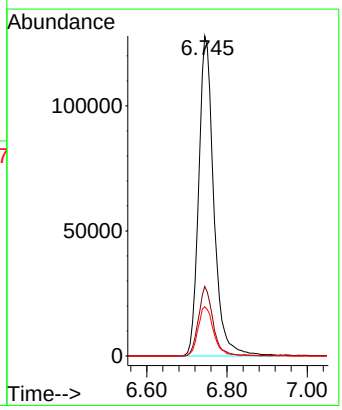


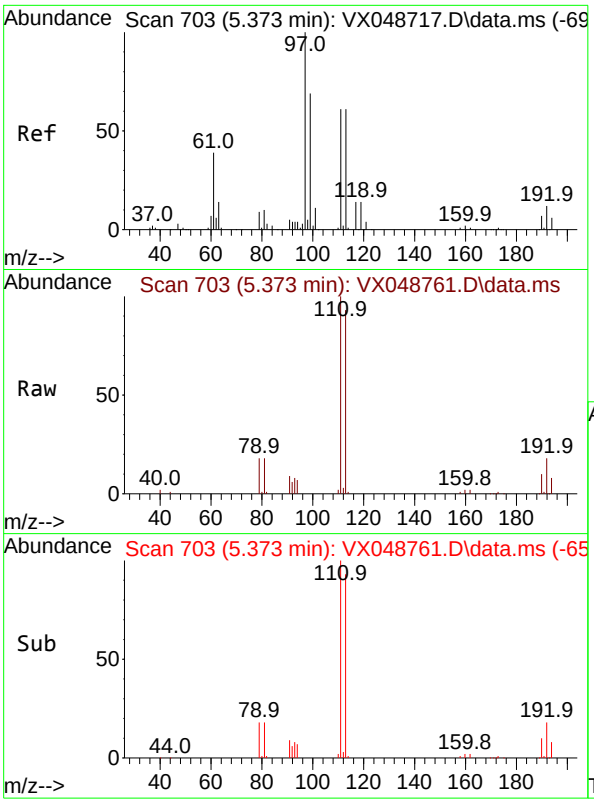


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. -0.000 min
Lab File: VX048761.D
Acq: 08 Dec 2025 17:21

Tgt Ion:114 Resp: 333603

Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	39.0
88	15.4	0.0	31.8



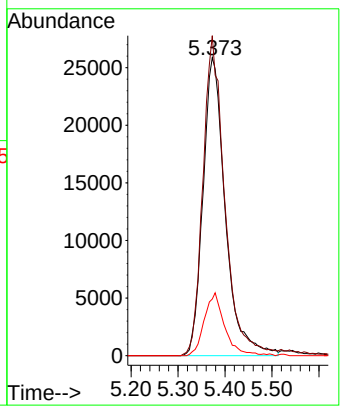


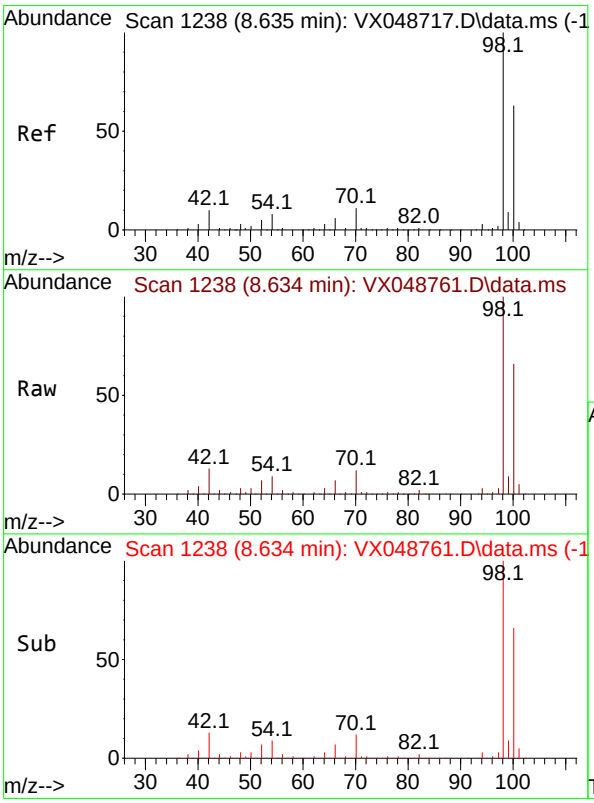
#35
Dibromofluoromethane
Concen: 37.173 ug/l
RT: 5.373 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048761.D
Acq: 08 Dec 2025 17:21

Instrument :
MSVOA_X
ClientSampleId :
BR-05-465-120525

Tgt Ion:113 Resp: 85386

Ion	Ratio	Lower	Upper
113	100		
111	104.5	79.5	119.3
192	19.2	16.1	24.1

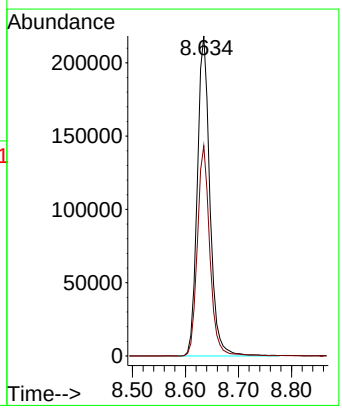


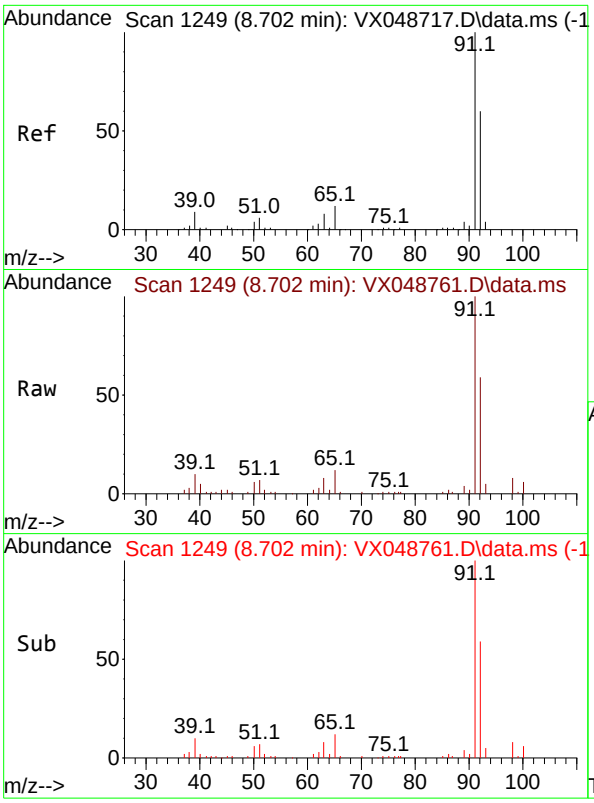


#50
Toluene-d8
Concen: 44.734 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048761.D
Acq: 08 Dec 2025 17:21

Tgt Ion: 98 Resp: 360181

Ion	Ratio	Lower	Upper
98	100		
100	64.9	53.4	80.0



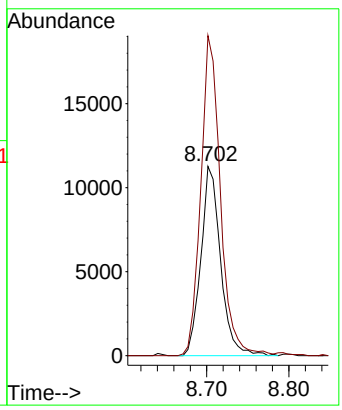


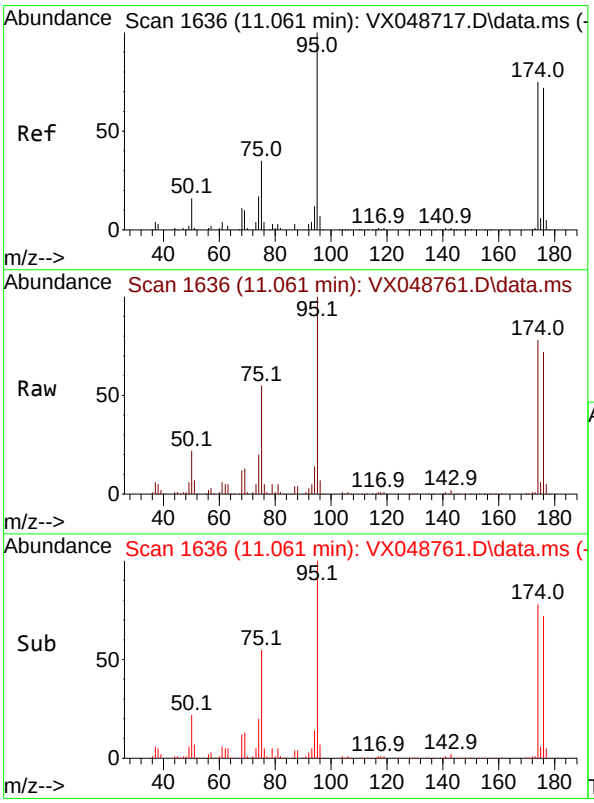
#52
Toluene
Concen: 3.337 ug/l
RT: 8.702 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048761.D
Acq: 08 Dec 2025 17:21

Instrument :
MSVOA_X
ClientSampleId :
BR-05-465-120525

Tgt Ion: 92 Resp: 18766

Ion	Ratio	Lower	Upper
92	100		
91	168.2	136.3	204.5

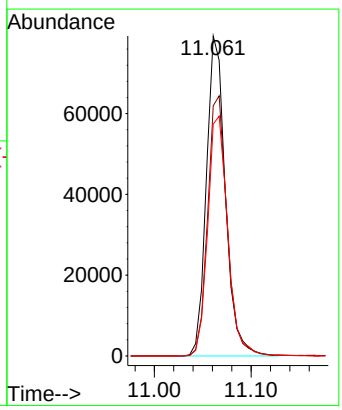


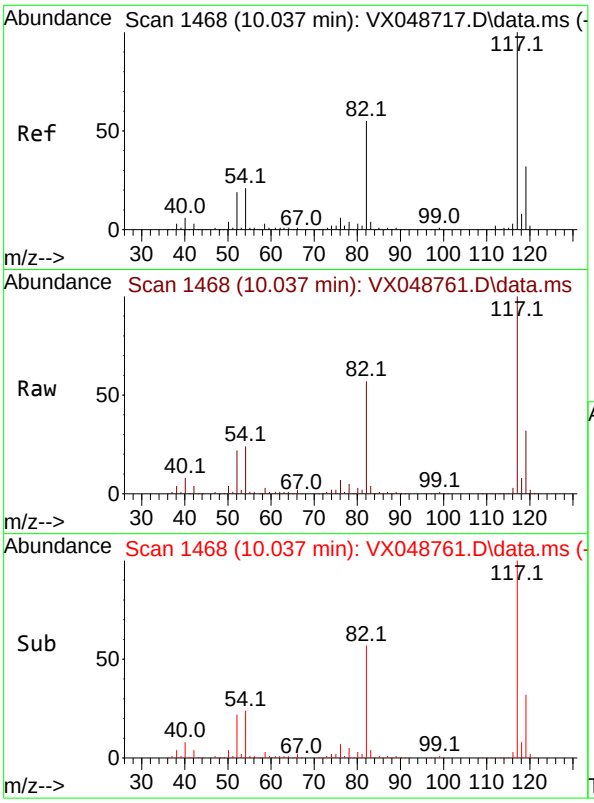


#62
4-Bromofluorobenzene
Concen: 38.990 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048761.D
Acq: 08 Dec 2025 17:21

Tgt Ion: 95 Resp: 108254

Ion	Ratio	Lower	Upper
95	100		
174	83.5	0.0	157.8
176	79.1	0.0	154.0



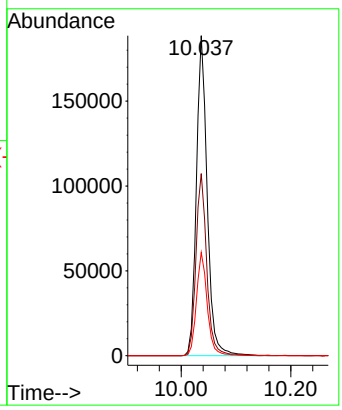


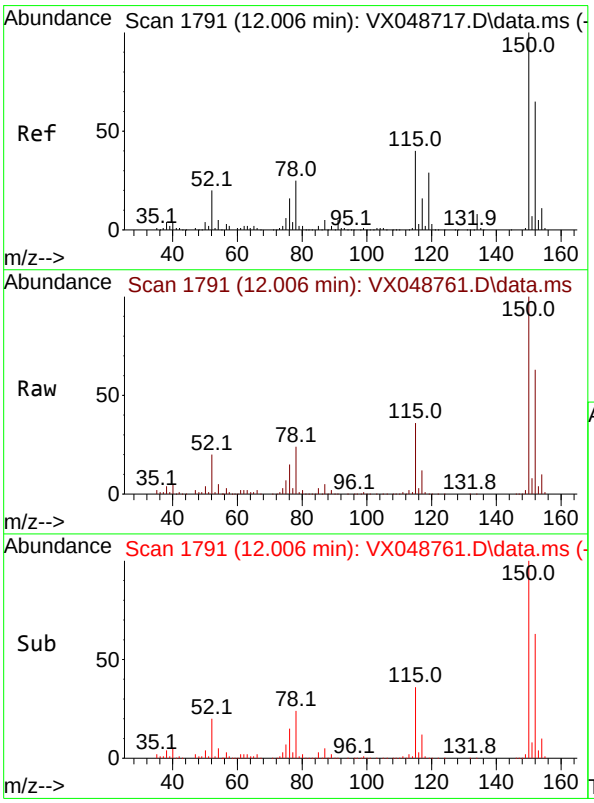
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048761.D
Acq: 08 Dec 2025 17:21

Instrument :
MSVOA_X
ClientSampleId :
BR-05-465-120525

Tgt Ion:117 Resp: 259658

Ion	Ratio	Lower	Upper
117	100		
82	56.9	44.1	66.1
119	32.2	25.2	37.8

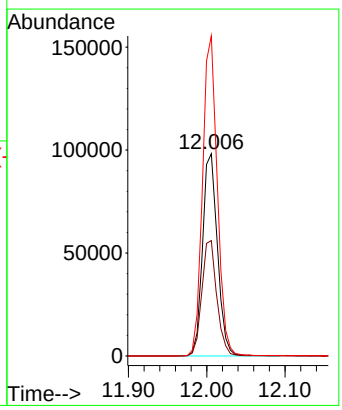




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048761.D
Acq: 08 Dec 2025 17:21

Tgt Ion:152 Resp: 129696

Ion	Ratio	Lower	Upper
152	100		
115	57.5	42.1	126.4
150	156.2	0.0	347.8



Raw Data: **VX048815.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:	12/05/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	12/05/25
Client Sample ID:	BR-05-465-120525RE	SDG No.:	Q3788
Lab Sample ID:	Q3788-09RE	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	12/10/25 16:34	VX121025
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	12/10/25 16:34	VX121025
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	12/10/25 16:34	VX121025
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	12/10/25 16:34	VX121025
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	12/10/25 16:34	VX121025
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	12/10/25 16:34	VX121025
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	12/10/25 16:34	VX121025
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	12/10/25 16:34	VX121025
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	12/10/25 16:34	VX121025
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	12/10/25 16:34	VX121025
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	57.5			70 (74) - 130 (125)	115%	SPK: 50		
1868-53-7	Dibromofluoromethane	35.5			70 (75) - 130 (124)	71%	SPK: 50		
2037-26-5	Toluene-d8	46.9			70 (86) - 130 (113)	94%	SPK: 50		
460-00-4	4-Bromofluorobenzene	61.5			70 (77) - 130 (121)	123%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	142000							
540-36-3	1,4-Difluorobenzene	295000							
3114-55-4	Chlorobenzene-d5	322000							
3855-82-1	1,4-Dichlorobenzene-d4	176000							

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121025\
Data File : VX048815.D
Acq On : 10 Dec 2025 16:34
Operator : JC/MD
Sample : Q3788-09RE
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BR-05-465-120525RE

Quant Time: Dec 11 00:26:16 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

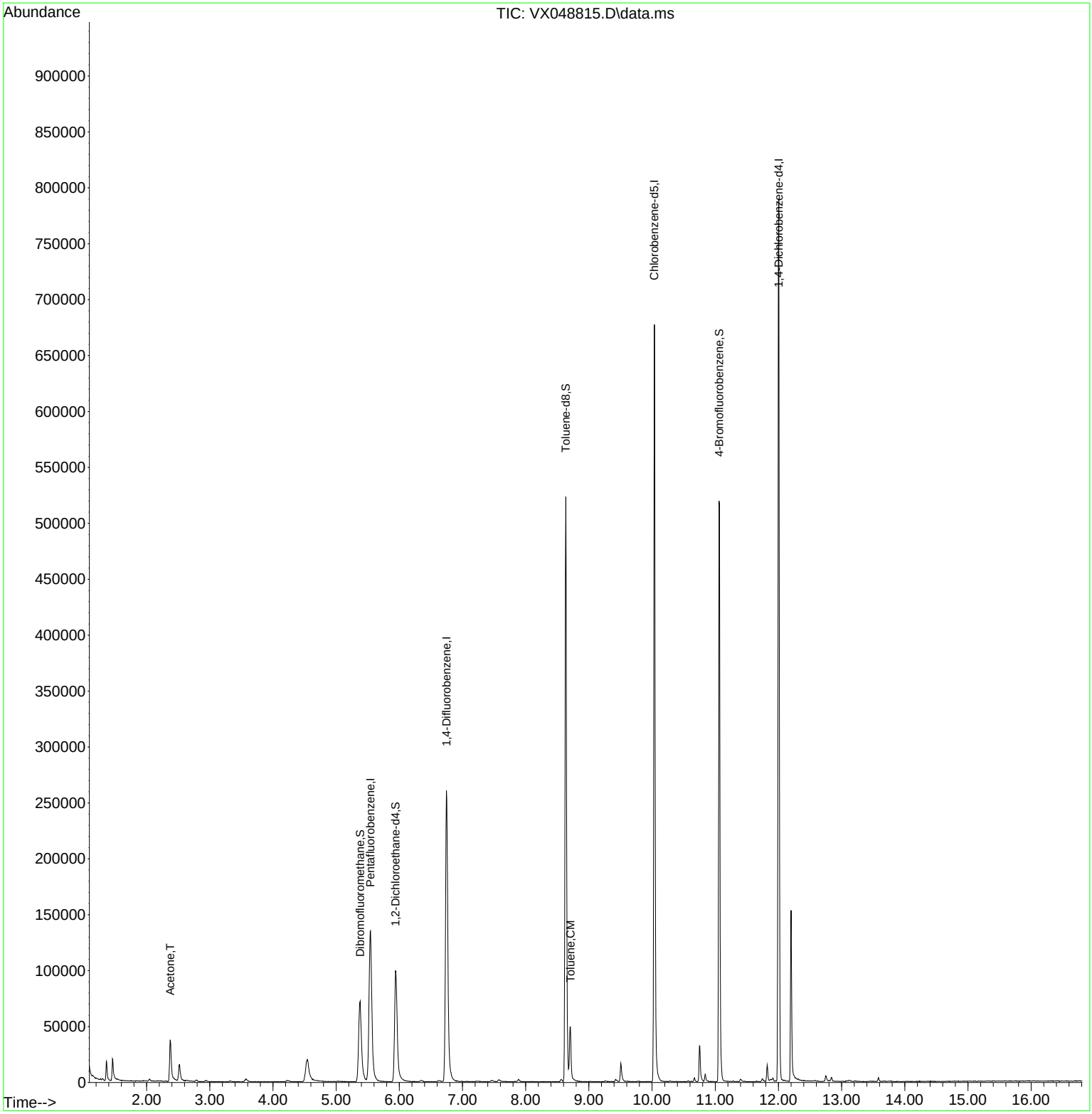
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	141844	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	294856	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	321925	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	176216	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	109464	57.497	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 115.000%			
35) Dibromofluoromethane	5.379	113	72006	35.467	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 70.940%#			
50) Toluene-d8	8.635	98	333543	46.869	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 93.740%			
62) 4-Bromofluorobenzene	11.061	95	150896	61.490	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 122.980%			
Target Compounds						Qvalue
16) Acetone	2.373	43	50972	69.938	ug/l	100
52) Toluene	8.708	92	19617	3.947	ug/l	100

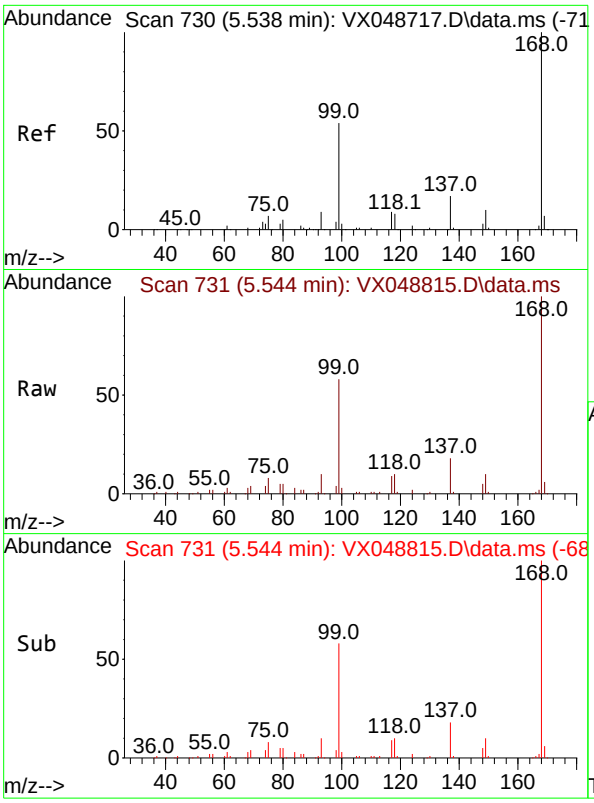
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121025\
Data File : VX048815.D
Acq On : 10 Dec 2025 16:34
Operator : JC/MD
Sample : Q3788-09RE
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BR-05-465-120525RE

Quant Time: Dec 11 00:26:16 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



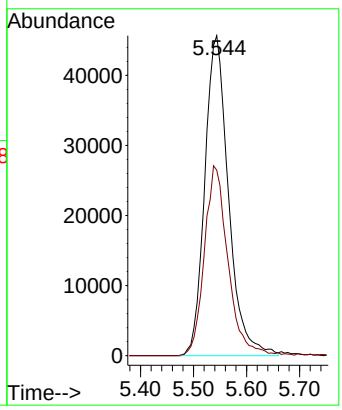


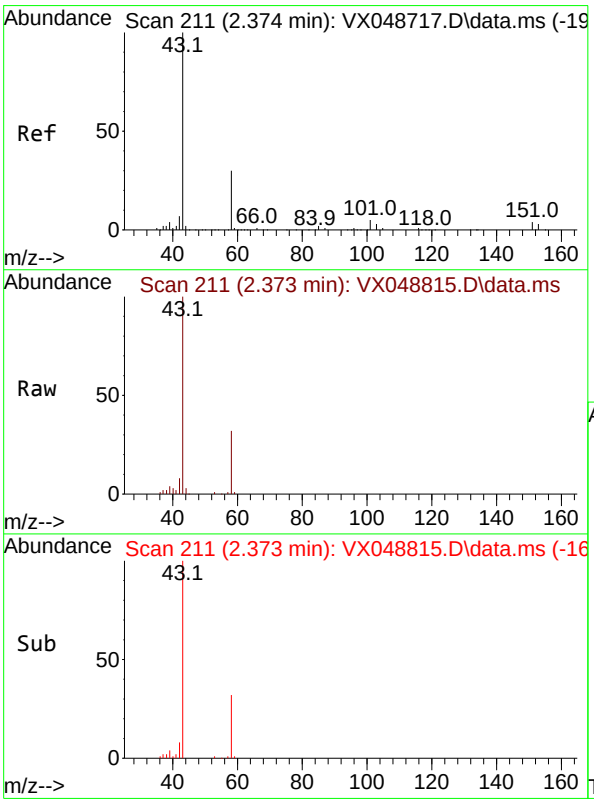
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048815.D
Acq: 10 Dec 2025 16:34

Instrument :
MSVOA_X
ClientSampleId :
BR-05-465-120525RE

Tgt Ion:168 Resp: 141844

Ion	Ratio	Lower	Upper
168	100		
99	58.0	44.2	66.4

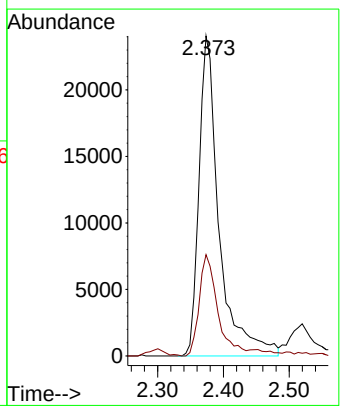


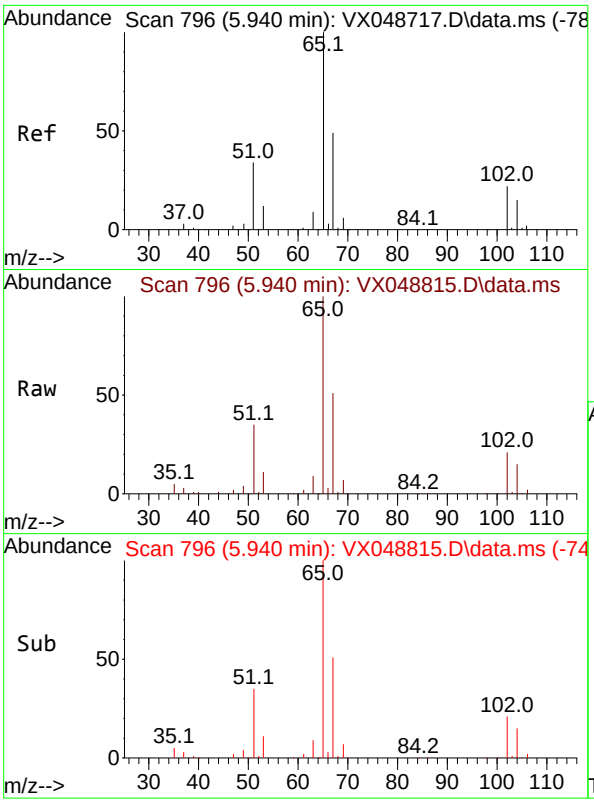


#16
Acetone
Concen: 69.938 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048815.D
Acq: 10 Dec 2025 16:34

Tgt Ion: 43 Resp: 50972

Ion	Ratio	Lower	Upper
43	100		
58	31.4	25.0	37.4



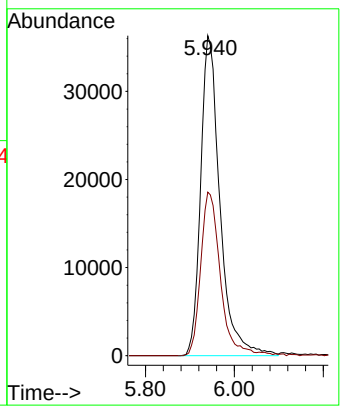


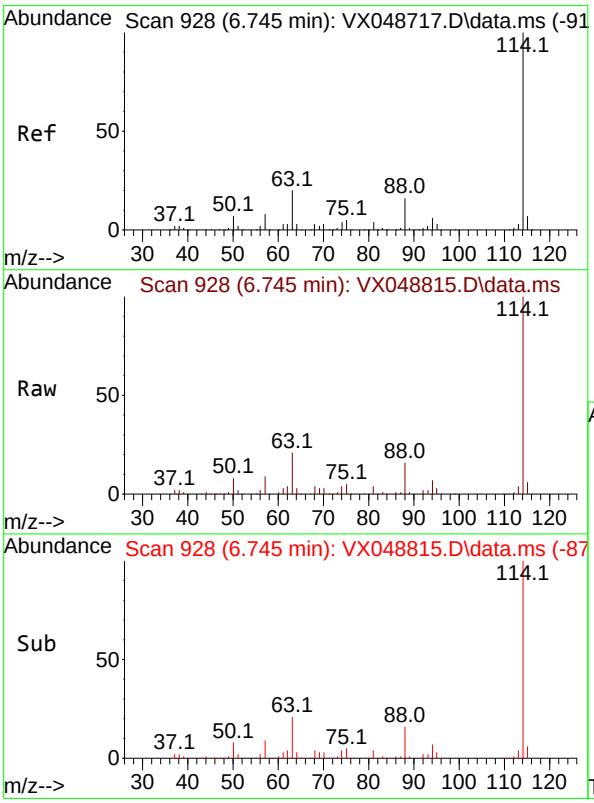
#33
1,2-Dichloroethane-d4
Concen: 57.497 ug/l
RT: 5.940 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048815.D
Acq: 10 Dec 2025 16:34

Instrument :
MSVOA_X
ClientSampleId :
BR-05-465-120525RE

Tgt Ion: 65 Resp: 109464

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	107.4

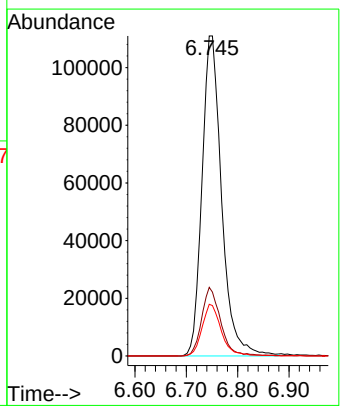


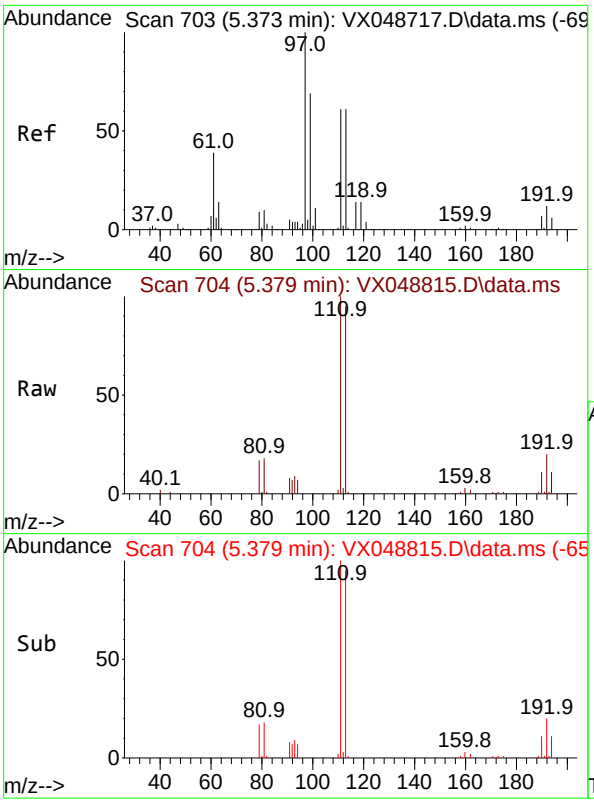


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. -0.000 min
Lab File: VX048815.D
Acq: 10 Dec 2025 16:34

Tgt Ion:114 Resp: 294856

Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	39.0
88	16.1	0.0	31.8



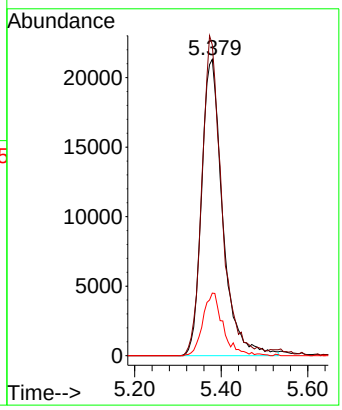


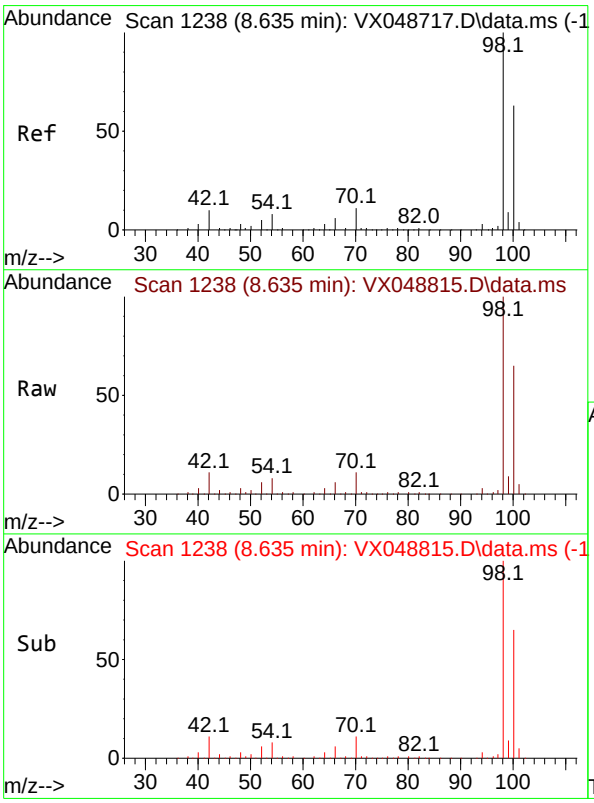
#35
Dibromofluoromethane
Concen: 35.467 ug/l
RT: 5.379 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048815.D
Acq: 10 Dec 2025 16:34

Instrument :
MSVOA_X
ClientSampleId :
BR-05-465-120525RE

Tgt Ion:113 Resp: 72006

Ion	Ratio	Lower	Upper
113	100		
111	100.6	79.5	119.3
192	20.4	16.1	24.1

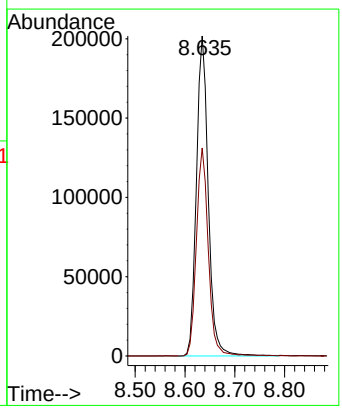


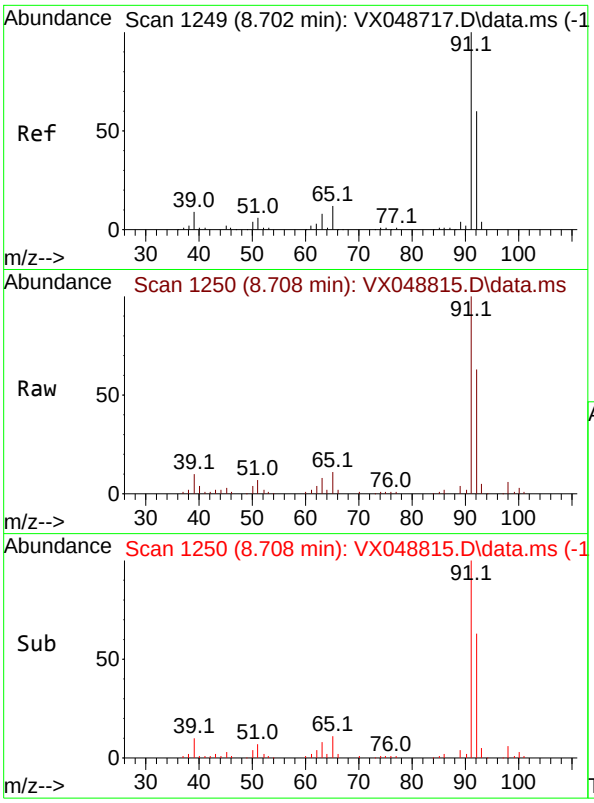


#50
Toluene-d8
Concen: 46.869 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048815.D
Acq: 10 Dec 2025 16:34

Tgt Ion: 98 Resp: 333543

Ion	Ratio	Lower	Upper
98	100		
100	65.2	53.4	80.0



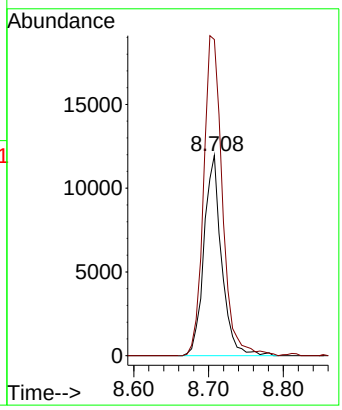


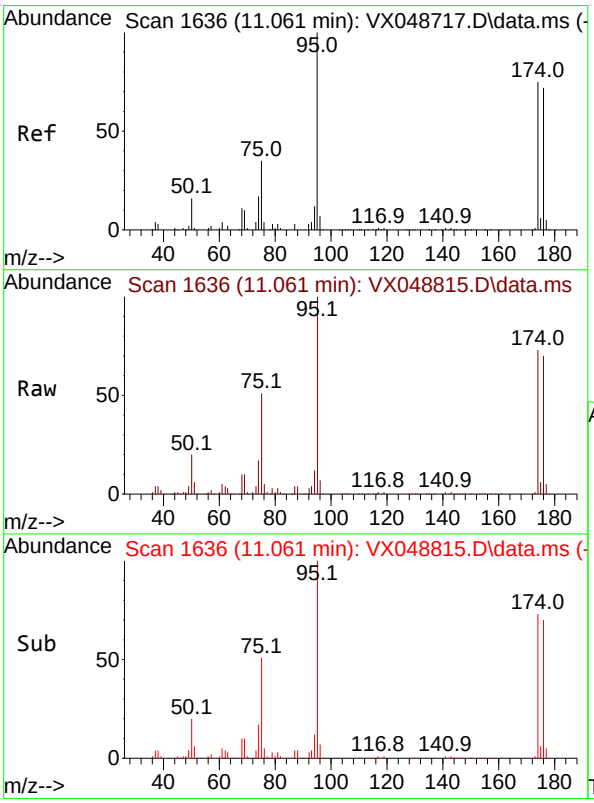
#52
Toluene
Concen: 3.947 ug/l
RT: 8.708 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048815.D
Acq: 10 Dec 2025 16:34

Instrument :
MSVOA_X
ClientSampleId :
BR-05-465-120525RE

Tgt Ion: 92 Resp: 19617

Ion	Ratio	Lower	Upper
92	100		
91	169.8	136.3	204.5

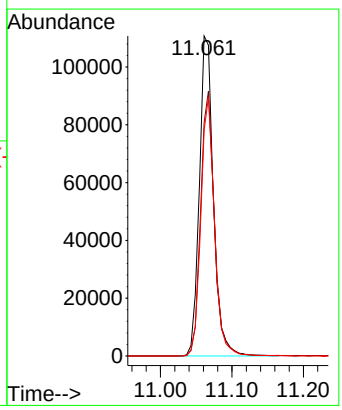


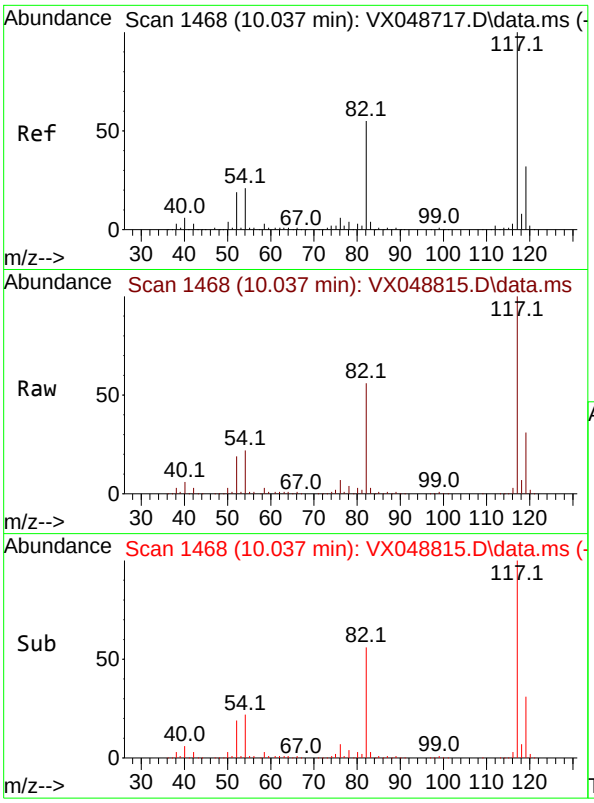


#62
4-Bromofluorobenzene
Concen: 61.490 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048815.D
Acq: 10 Dec 2025 16:34

Tgt Ion: 95 Resp: 150896

Ion	Ratio	Lower	Upper
95	100		
174	81.6	0.0	157.8
176	78.5	0.0	154.0



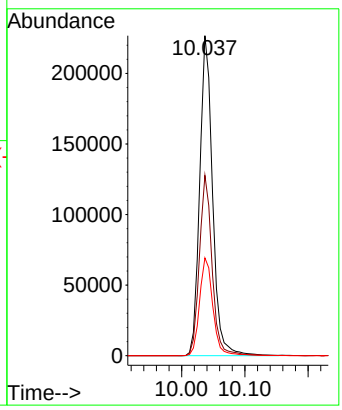


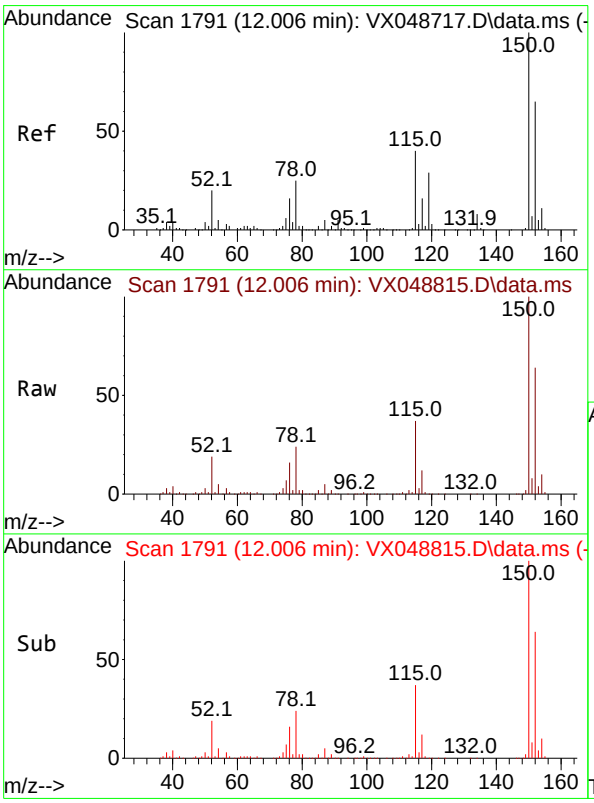
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048815.D
Acq: 10 Dec 2025 16:34

Instrument :
MSVOA_X
ClientSampleId :
BR-05-465-120525RE

Tgt Ion:117 Resp: 321925

Ion	Ratio	Lower	Upper
117	100		
82	56.3	44.1	66.1
119	30.5	25.2	37.8

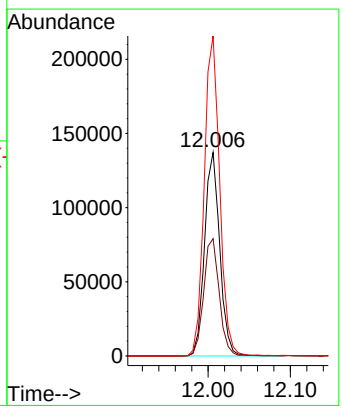




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048815.D
Acq: 10 Dec 2025 16:34

Tgt Ion:152 Resp: 176216

Ion	Ratio	Lower	Upper
152	100		
115	59.1	42.1	126.4
150	159.6	0.0	347.8



Raw Data: **VX048762.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:	12/05/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	12/05/25
Client Sample ID:	MW-16B-87.5-120525	SDG No.:	Q3788
Lab Sample ID:	Q3788-11	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	12/08/25 17:41	VX120825
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	12/08/25 17:41	VX120825
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	12/08/25 17:41	VX120825
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	12/08/25 17:41	VX120825
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	12/08/25 17:41	VX120825
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	12/08/25 17:41	VX120825
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	12/08/25 17:41	VX120825
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	12/08/25 17:41	VX120825
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	12/08/25 17:41	VX120825
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	12/08/25 17:41	VX120825
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	59.4			70 (74) - 130 (125)	119%	SPK: 50		
1868-53-7	Dibromofluoromethane	47.2			70 (75) - 130 (124)	94%	SPK: 50		
2037-26-5	Toluene-d8	35.5			70 (86) - 130 (113)	71%	SPK: 50		
460-00-4	4-Bromofluorobenzene	43.8			70 (77) - 130 (121)	88%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	124000							
540-36-3	1,4-Difluorobenzene	277000							
3114-55-4	Chlorobenzene-d5	228000							
3855-82-1	1,4-Dichlorobenzene-d4	124000							

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\VX120825\
Data File : VX048762.D
Acq On : 08 Dec 2025 17:41
Operator : JC/MD
Sample : Q3788-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-16B-87.5-120525

Quant Time: Dec 09 04:14:11 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	5.544	168	123961	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	277457	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	227659	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	124497	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	98874	59.427	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 118.860%#			
35) Dibromofluoromethane	5.373	113	90194	47.212	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.420%			
50) Toluene-d8	8.635	98	238014	35.543	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 71.080%#			
62) 4-Bromofluorobenzene	11.061	95	101242	43.843	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 87.680%			
Target Compounds						Qvalue
16) Acetone	2.374	43	11034	17.324	ug/l	99

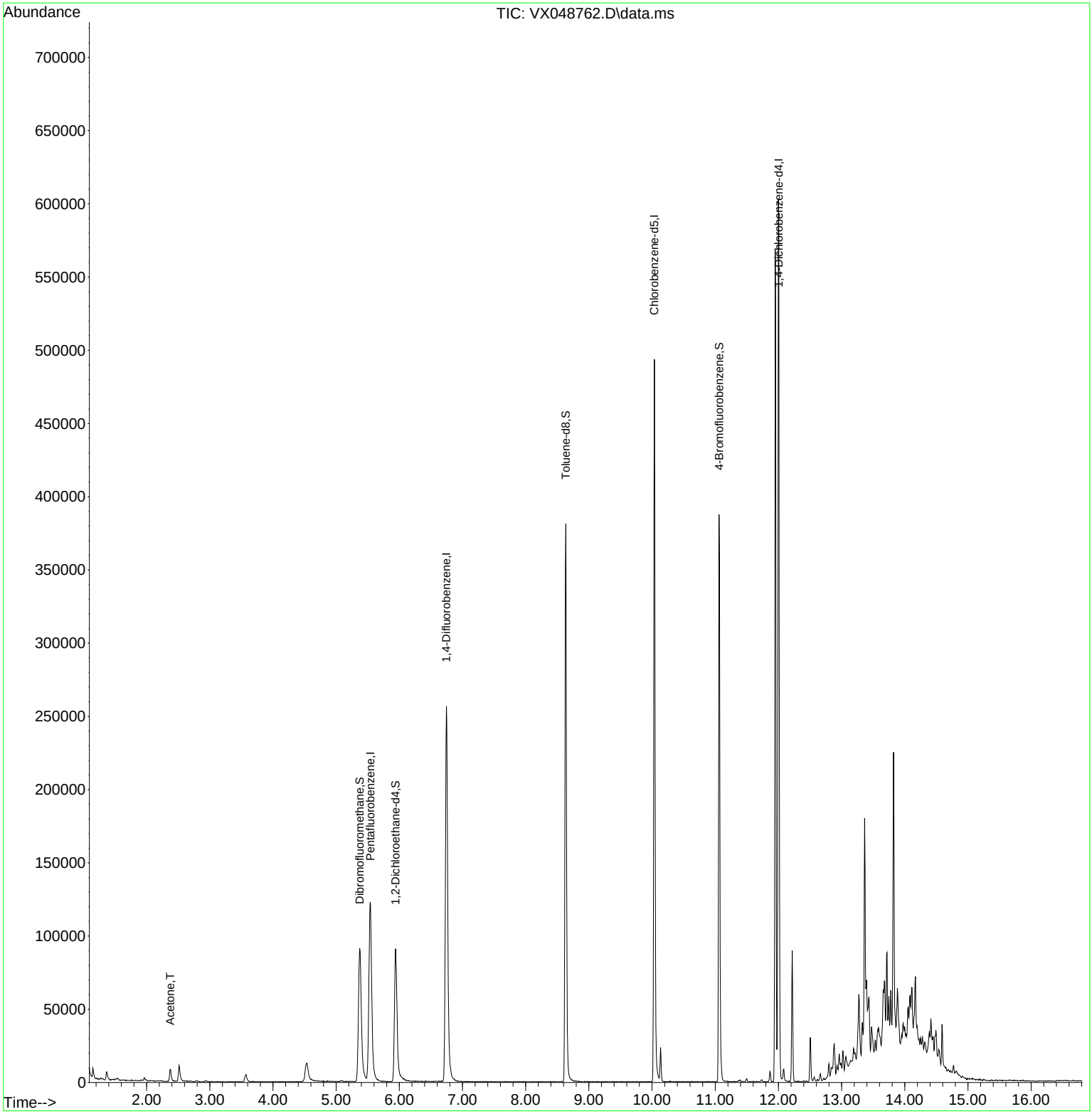
(#) = qualifier out of range (m) = manual integration (+) = signals summed

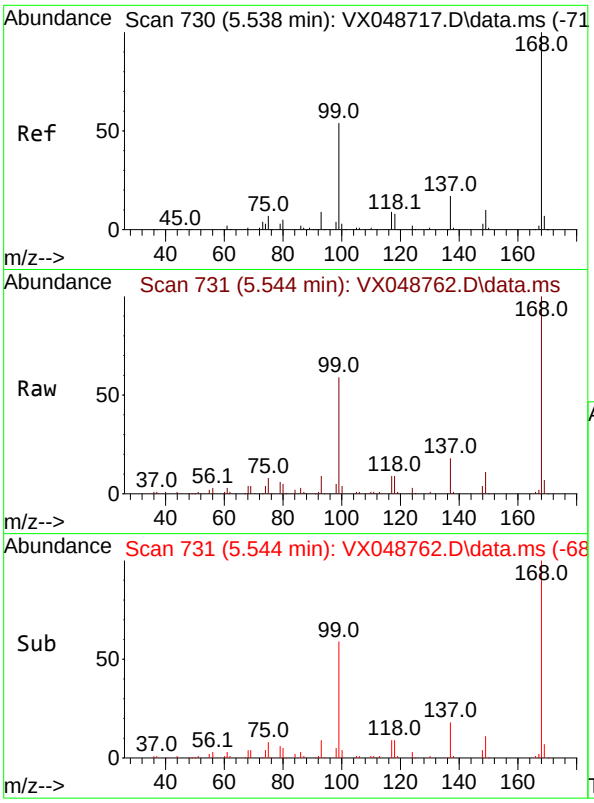
Sample Results: **VX048762.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120825\
Data File : VX048762.D
Acq On : 08 Dec 2025 17:41
Operator : JC/MD
Sample : Q3788-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-16B-87.5-120525

Quant Time: Dec 09 04:14:11 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



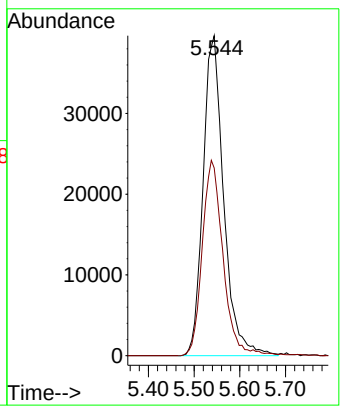


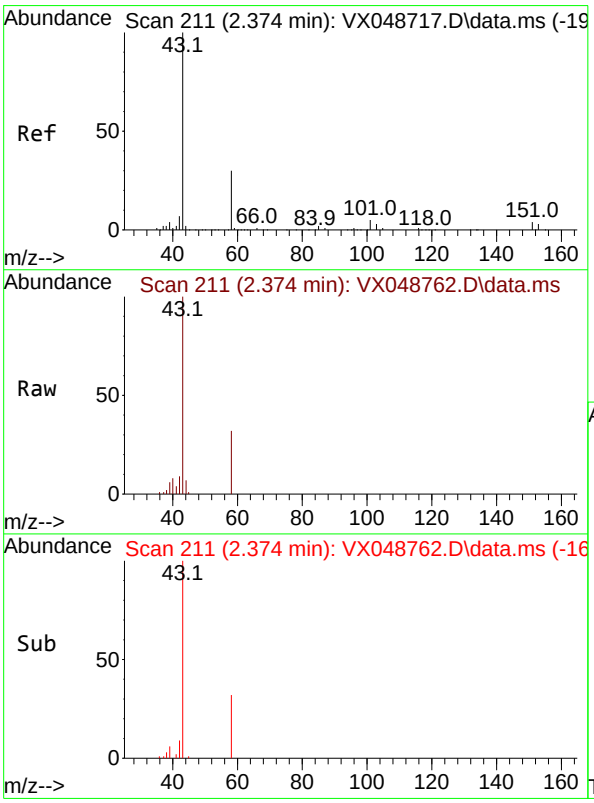
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048762.D
Acq: 08 Dec 2025 17:41

Instrument :
MSVOA_X
ClientSampleId :
MW-16B-87.5-120525

Tgt Ion:168 Resp: 123961

Ion	Ratio	Lower	Upper
168	100		
99	58.6	44.2	66.4

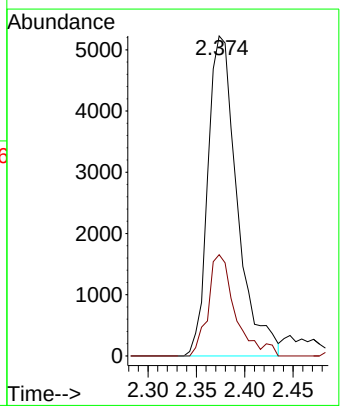


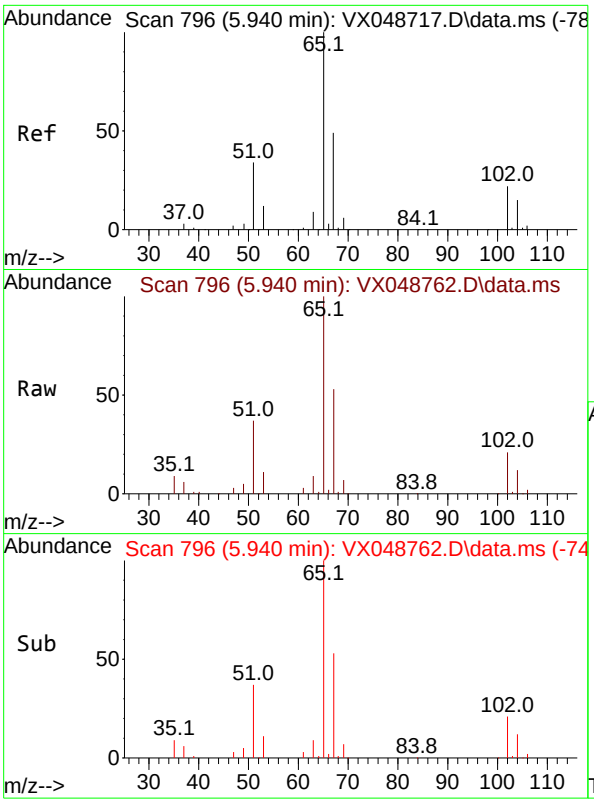


#16
Acetone
Concen: 17.324 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX048762.D
Acq: 08 Dec 2025 17:41

Tgt Ion: 43 Resp: 11034

Ion	Ratio	Lower	Upper
43	100		
58	31.7	25.0	37.4



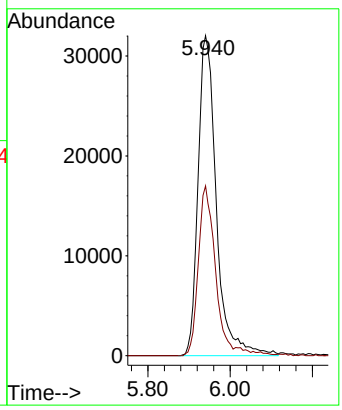


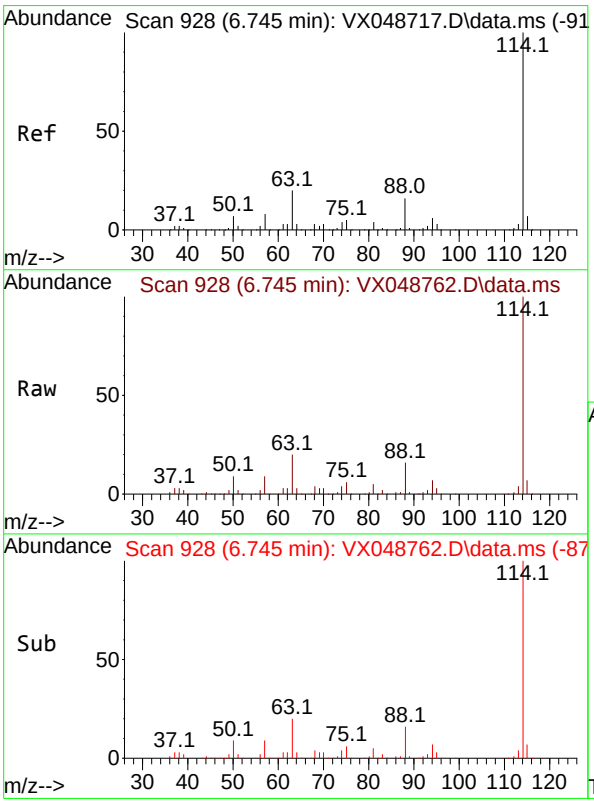
#33
1,2-Dichloroethane-d4
Concen: 59.427 ug/l
RT: 5.940 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX048762.D
Acq: 08 Dec 2025 17:41

Instrument :
MSVOA_X
ClientSampleId :
MW-16B-87.5-120525

Tgt Ion: 65 Resp: 98874

Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	107.4

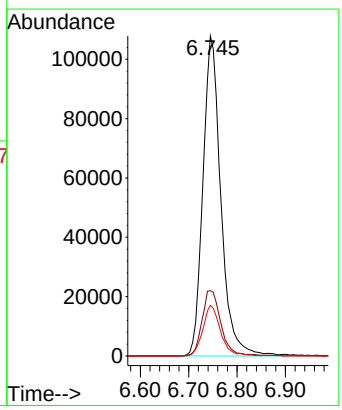


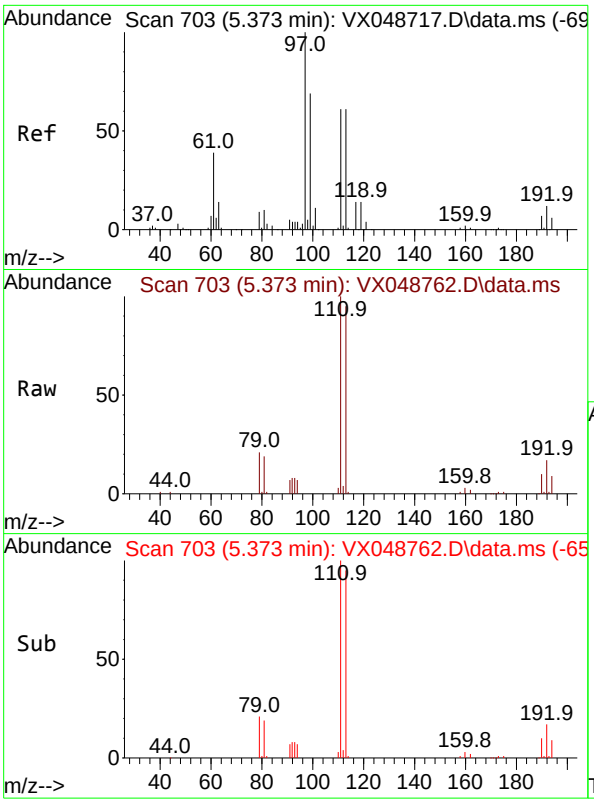


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. 0.000 min
Lab File: VX048762.D
Acq: 08 Dec 2025 17:41

Tgt Ion:114 Resp: 277457

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	39.0
88	15.8	0.0	31.8



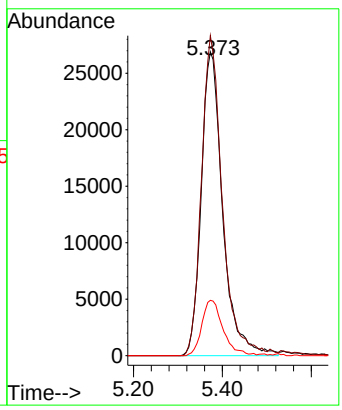


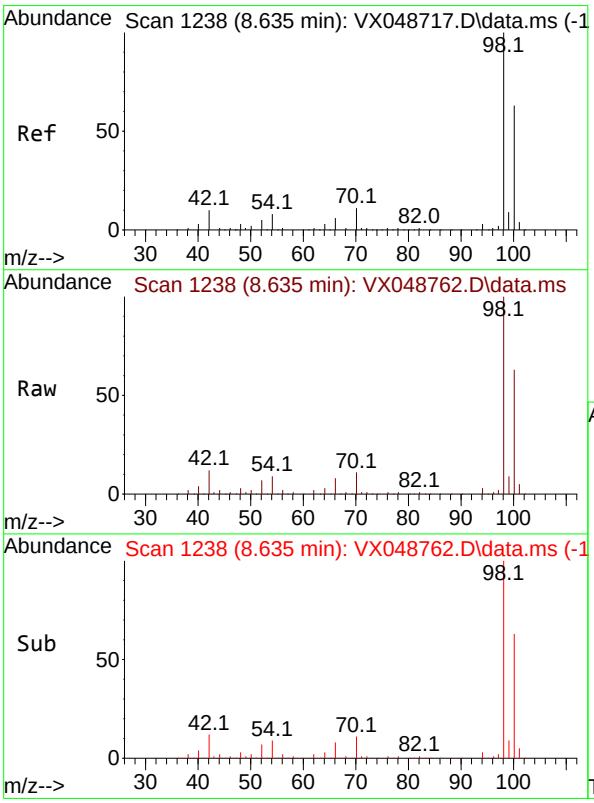
#35
Dibromofluoromethane
Concen: 47.212 ug/l
RT: 5.373 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX048762.D
Acq: 08 Dec 2025 17:41

Instrument :
MSVOA_X
ClientSampleId :
MW-16B-87.5-120525

Tgt Ion:113 Resp: 90194

Ion	Ratio	Lower	Upper
113	100		
111	102.3	79.5	119.3
192	18.0	16.1	24.1

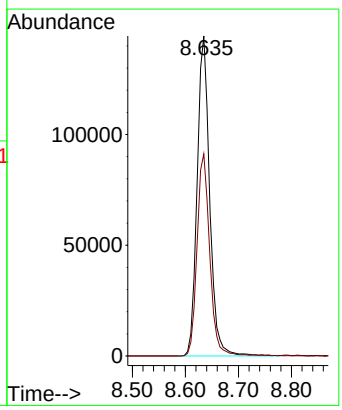


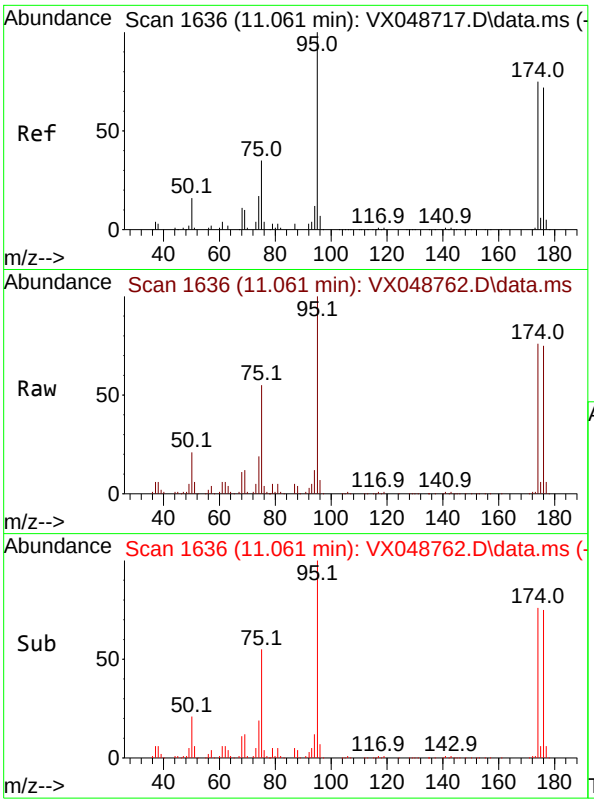


#50
Toluene-d8
Concen: 35.543 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VX048762.D
Acq: 08 Dec 2025 17:41

Tgt Ion: 98 Resp: 238014

Ion	Ratio	Lower	Upper
98	100		
100	64.1	53.4	80.0



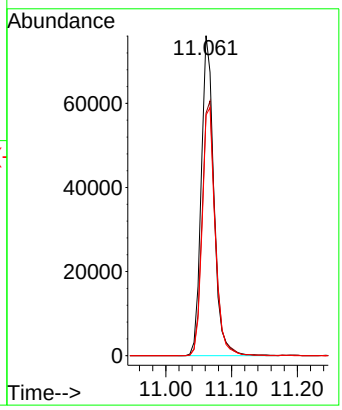


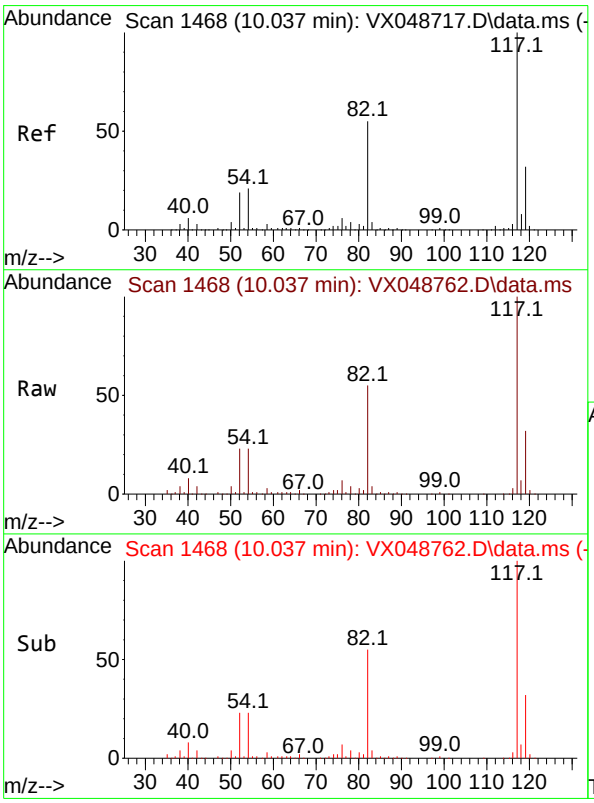
#62
4-Bromofluorobenzene
Concen: 43.843 ug/l
RT: 11.061 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048762.D
Acq: 08 Dec 2025 17:41

Instrument :
MSVOA_X
ClientSampleId :
MW-16B-87.5-120525

Tgt Ion: 95 Resp: 101242

Ion	Ratio	Lower	Upper
95	100		
174	83.5	0.0	157.8
176	80.1	0.0	154.0

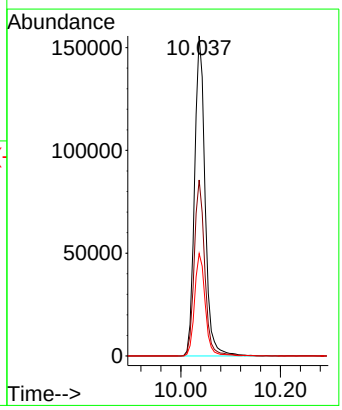


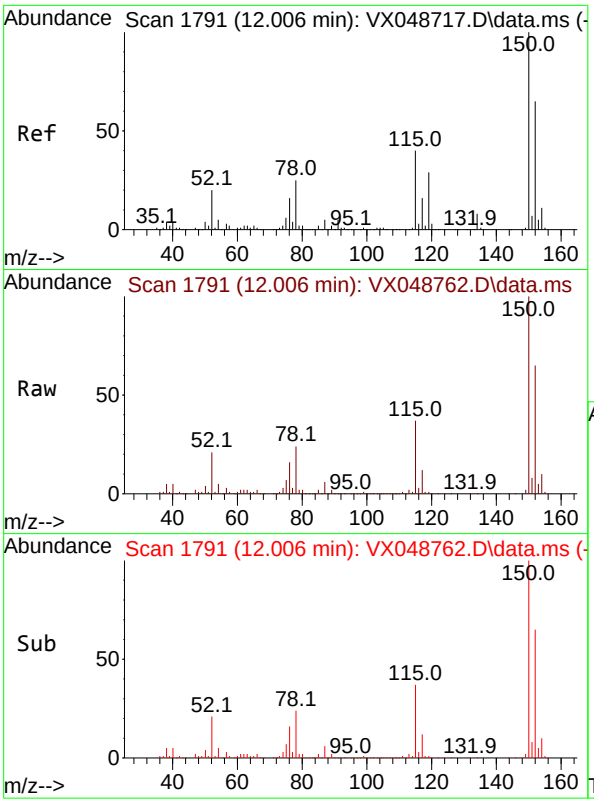


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048762.D
Acq: 08 Dec 2025 17:41

Tgt Ion:117 Resp: 227659

Ion	Ratio	Lower	Upper
117	100		
82	55.0	44.1	66.1
119	32.0	25.2	37.8



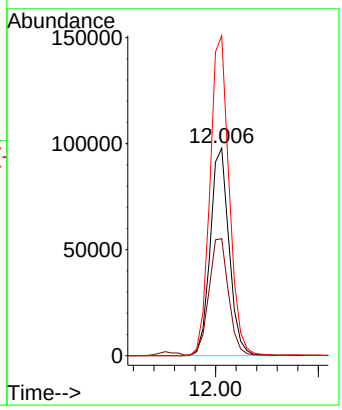


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048762.D
Acq: 08 Dec 2025 17:41

Instrument :
MSVOA_X
ClientSampleId :
MW-16B-87.5-120525

Tgt Ion:152 Resp: 124497

Ion	Ratio	Lower	Upper
152	100		
115	58.9	42.1	126.4
150	156.9	0.0	347.8



Raw Data: **VX048816.D**

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Fax : 908 789 8922

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	12/05/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	12/05/25
Client Sample ID:	MW-16B-87.5-120525RE	SDG No.:	Q3788
Lab Sample ID:	Q3788-11RE	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	12/10/25 16:54	VX121025
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	12/10/25 16:54	VX121025
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	12/10/25 16:54	VX121025
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	12/10/25 16:54	VX121025
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	12/10/25 16:54	VX121025
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	12/10/25 16:54	VX121025
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	12/10/25 16:54	VX121025
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	12/10/25 16:54	VX121025
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	12/10/25 16:54	VX121025
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	12/10/25 16:54	VX121025
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	56.2			70 (74) - 130 (125)	112%	SPK: 50		
1868-53-7	Dibromofluoromethane	47.4			70 (75) - 130 (124)	95%	SPK: 50		
2037-26-5	Toluene-d8	47.6			70 (86) - 130 (113)	95%	SPK: 50		
460-00-4	4-Bromofluorobenzene	61.0			70 (77) - 130 (121)	122%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	145000							
540-36-3	1,4-Difluorobenzene	298000							
3114-55-4	Chlorobenzene-d5	321000							
3855-82-1	1,4-Dichlorobenzene-d4	183000							

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\VX121025\
Data File : VX048816.D
Acq On : 10 Dec 2025 16:54
Operator : JC/MD
Sample : Q3788-11RE
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-16B-87.5-120525RE

Quant Time: Dec 11 00:26:40 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

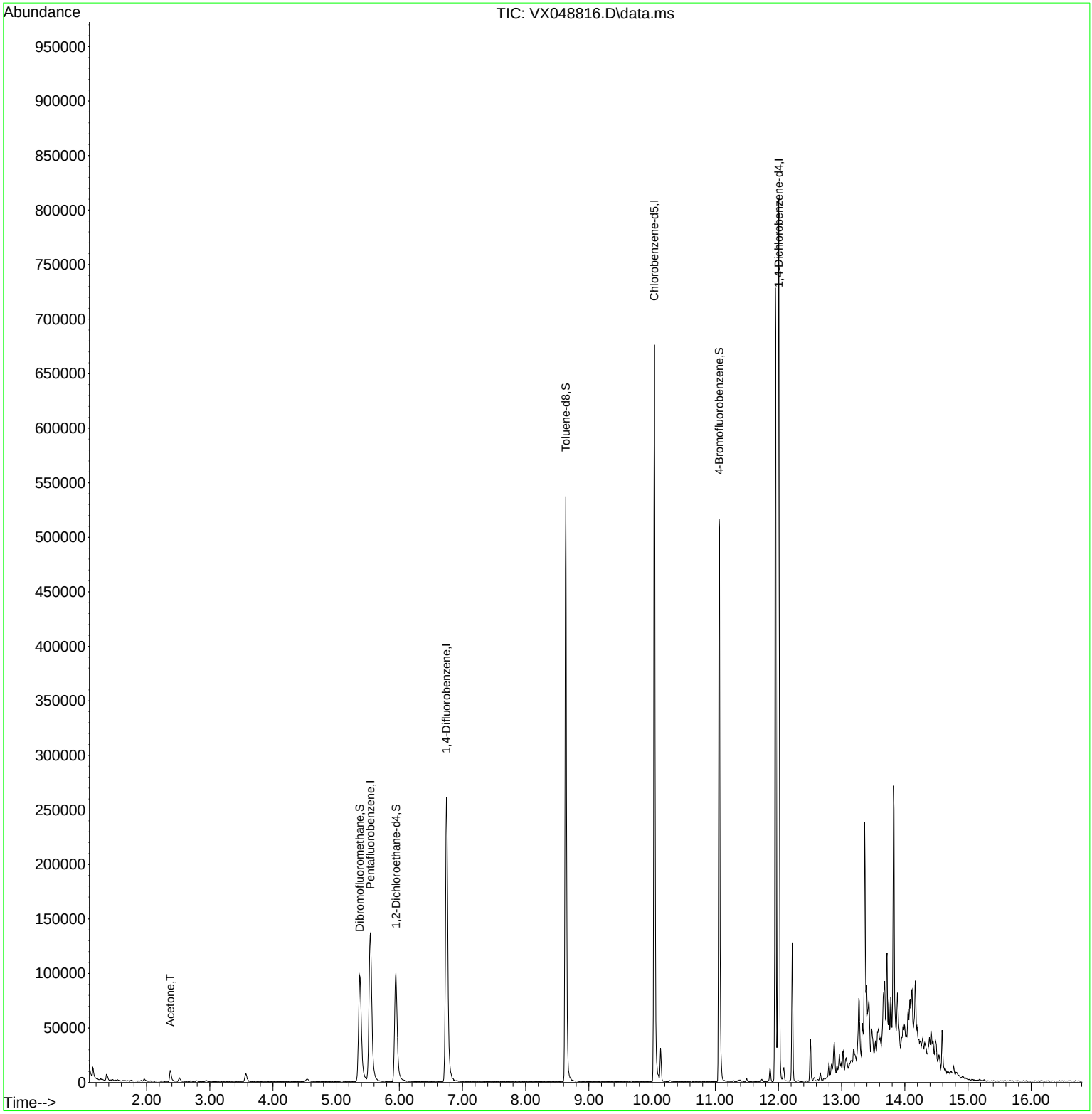
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	145186	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	297607	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	320506	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	183436	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	109578	56.232	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 112.460%			
35) Dibromofluoromethane	5.373	113	97169	47.419	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.840%			
50) Toluene-d8	8.634	98	341748	47.578	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 95.160%			
62) 4-Bromofluorobenzene	11.061	95	151134	61.018	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 122.040%			
Target Compounds						Qvalue
16) Acetone	2.373	43	14606	19.579	ug/l	95

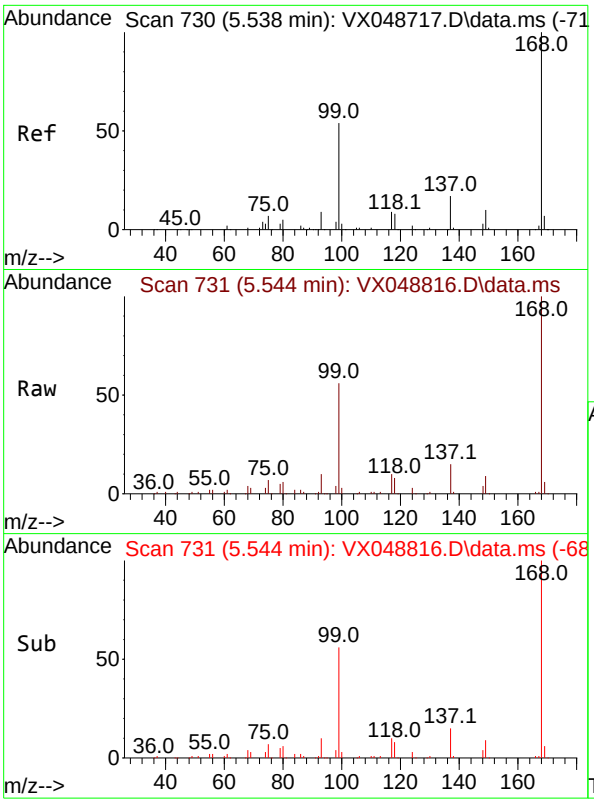
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121025\
Data File : VX048816.D
Acq On : 10 Dec 2025 16:54
Operator : JC/MD
Sample : Q3788-11RE
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-16B-87.5-120525RE

Quant Time: Dec 11 00:26:40 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



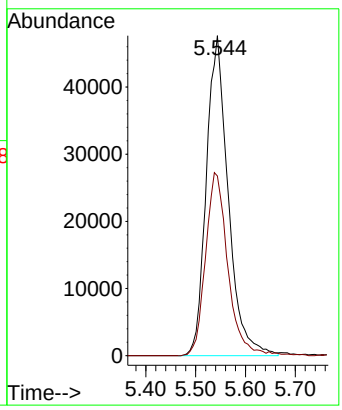


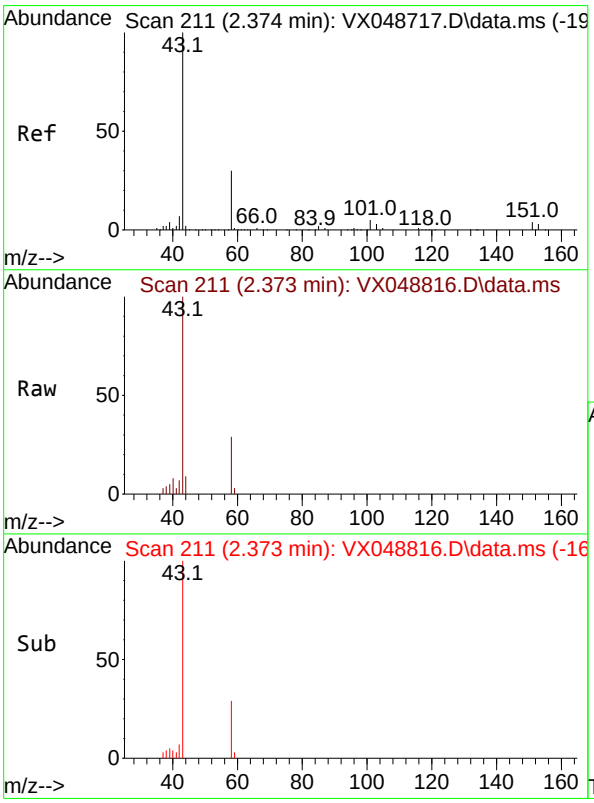
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048816.D
Acq: 10 Dec 2025 16:54

Instrument :
MSVOA_X
ClientSampleId :
MW-16B-87.5-120525RE

Tgt Ion:168 Resp: 145186

Ion	Ratio	Lower	Upper
168	100		
99	56.2	44.2	66.4

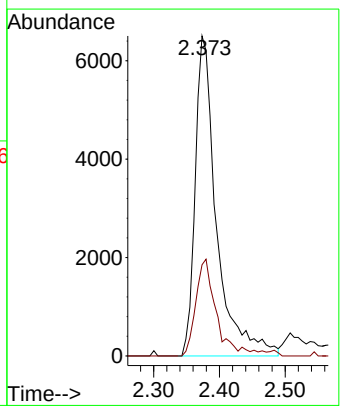


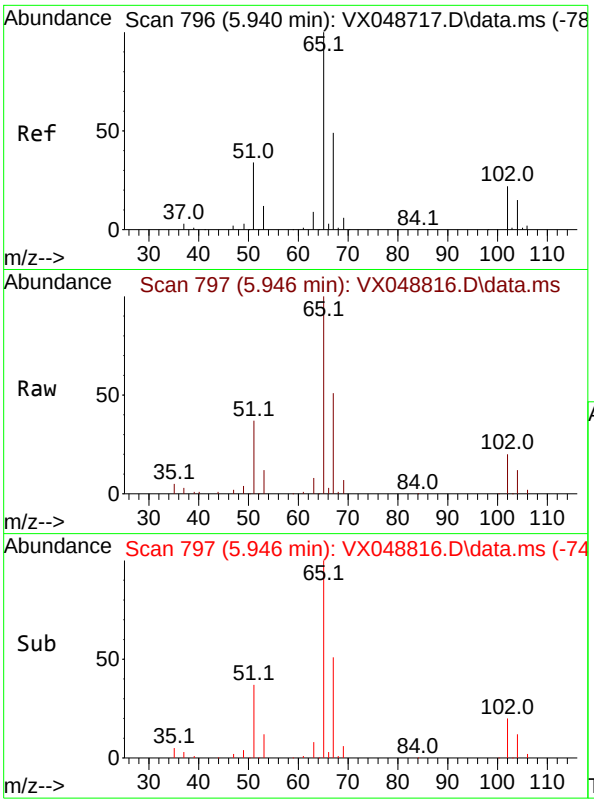


#16
Acetone
Concen: 19.579 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048816.D
Acq: 10 Dec 2025 16:54

Tgt Ion: 43 Resp: 14606

Ion	Ratio	Lower	Upper
43	100		
58	28.5	25.0	37.4



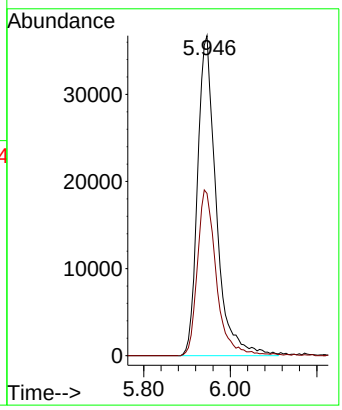


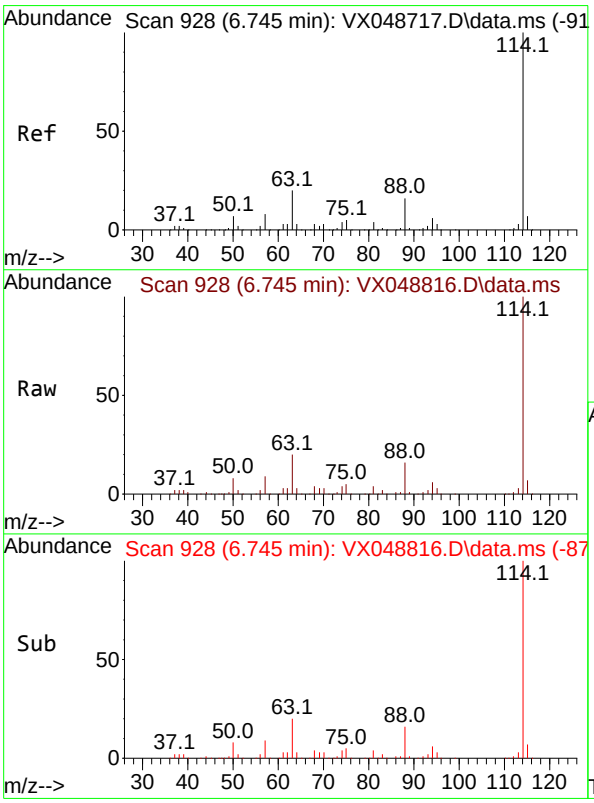
#33
1,2-Dichloroethane-d4
Concen: 56.232 ug/l
RT: 5.946 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048816.D
Acq: 10 Dec 2025 16:54

Instrument :
MSVOA_X
ClientSampleId :
MW-16B-87.5-120525RE

Tgt Ion: 65 Resp: 109578

Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	107.4

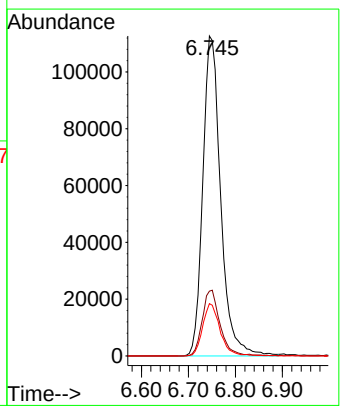


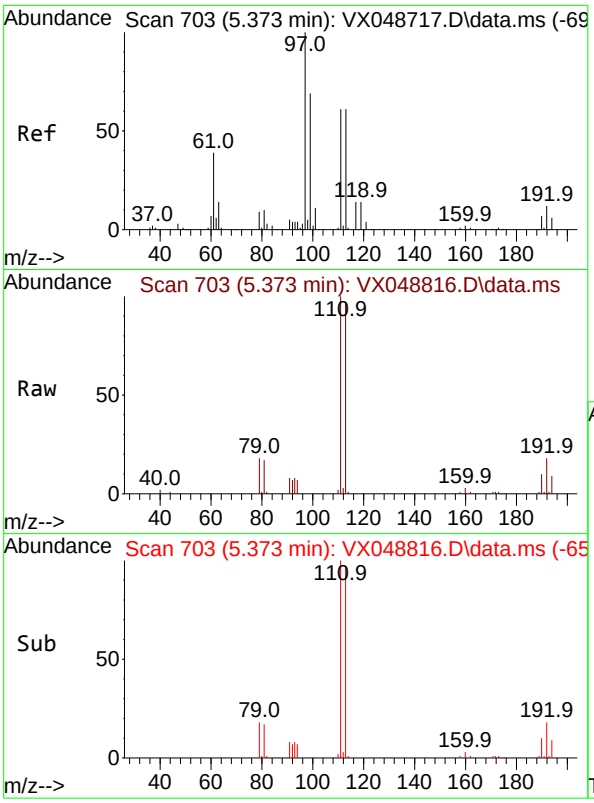


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. -0.000 min
Lab File: VX048816.D
Acq: 10 Dec 2025 16:54

Tgt Ion:114 Resp: 297607

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	39.0
88	16.4	0.0	31.8



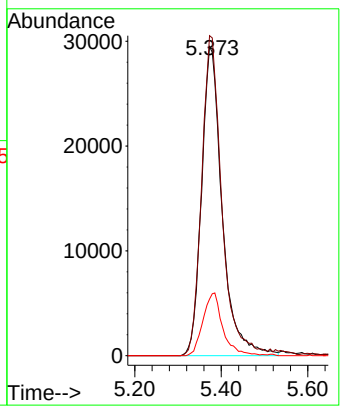


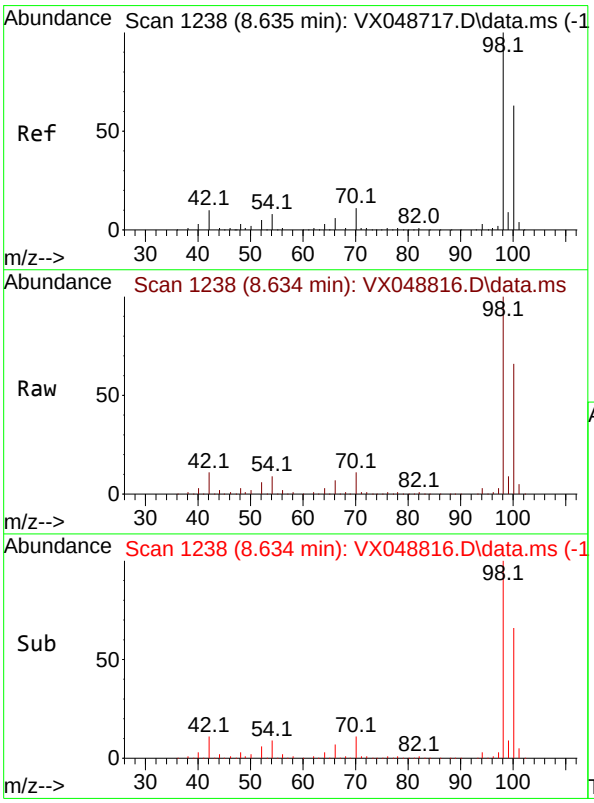
#35
Dibromofluoromethane
Concen: 47.419 ug/l
RT: 5.373 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048816.D
Acq: 10 Dec 2025 16:54

Instrument :
MSVOA_X
ClientSampleId :
MW-16B-87.5-120525RE

Tgt Ion:113 Resp: 97169

Ion	Ratio	Lower	Upper
113	100		
111	101.5	79.5	119.3
192	19.7	16.1	24.1

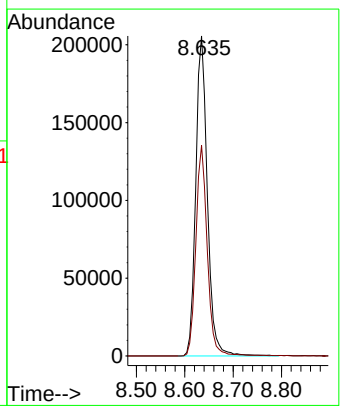


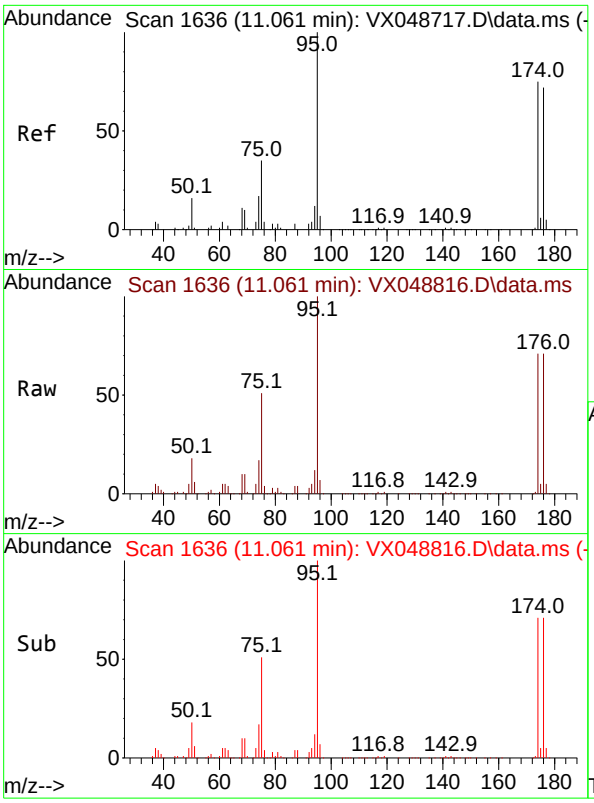


#50
Toluene-d8
Concen: 47.578 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048816.D
Acq: 10 Dec 2025 16:54

Tgt Ion: 98 Resp: 341748

Ion	Ratio	Lower	Upper
98	100		
100	64.7	53.4	80.0



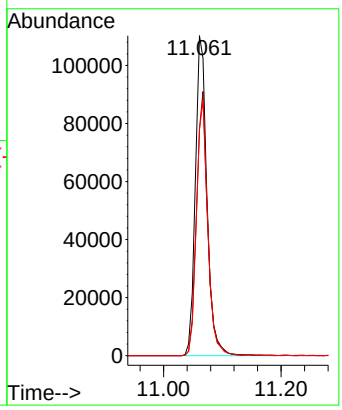


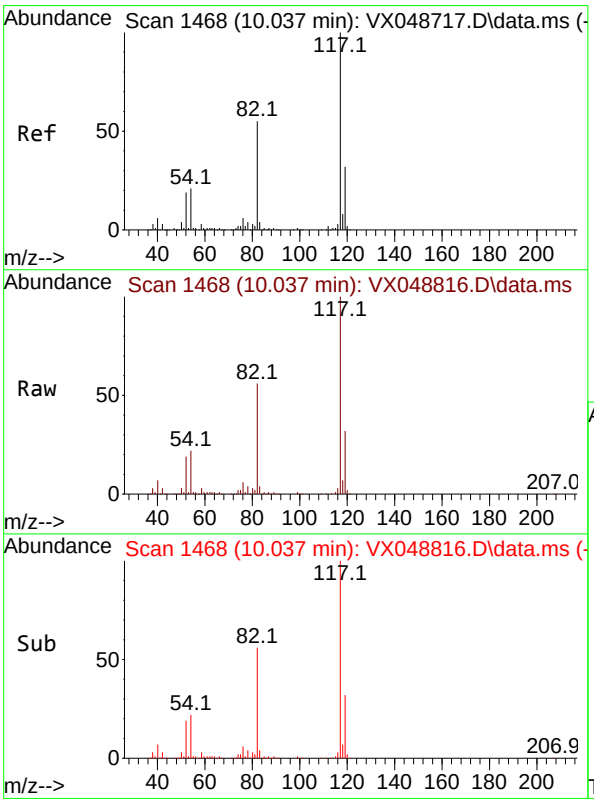
#62
4-Bromofluorobenzene
Concen: 61.018 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048816.D
Acq: 10 Dec 2025 16:54

Instrument :
MSVOA_X
ClientSampleId :
MW-16B-87.5-120525RE

Tgt Ion: 95 Resp: 151134

Ion	Ratio	Lower	Upper
95	100		
174	79.5	0.0	157.8
176	77.9	0.0	154.0

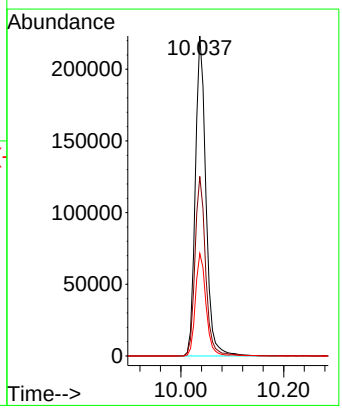


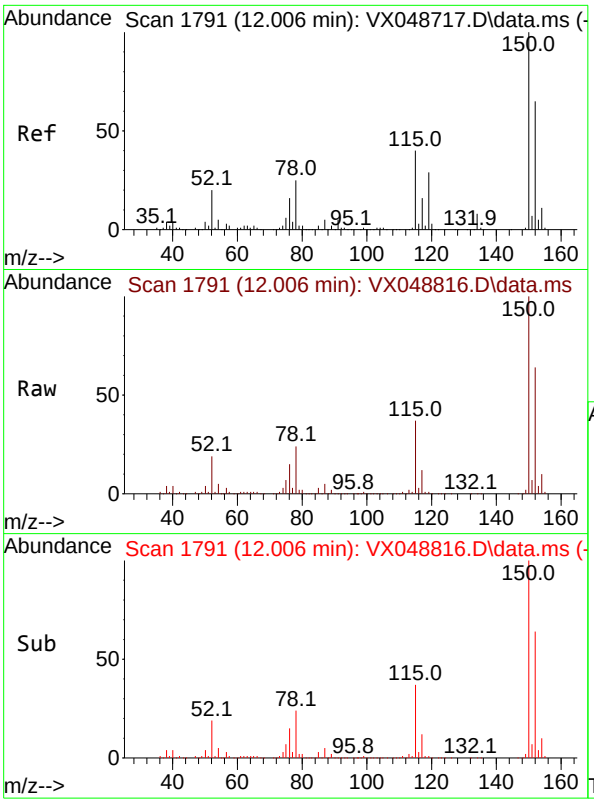


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048816.D
Acq: 10 Dec 2025 16:54

Tgt Ion:117 Resp: 320506

Ion	Ratio	Lower	Upper
117	100		
82	56.1	44.1	66.1
119	32.0	25.2	37.8



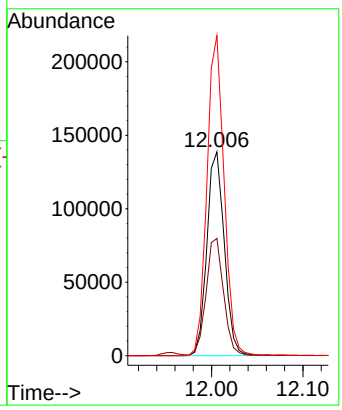


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048816.D
Acq: 10 Dec 2025 16:54

Instrument :
MSVOA_X
ClientSampleId :
MW-16B-87.5-120525RE

Tgt Ion:152 Resp: 183436

Ion	Ratio	Lower	Upper
152	100		
115	57.7	42.1	126.4
150	154.6	0.0	347.8



Raw Data: **VX048763.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:	12/05/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	12/05/25
Client Sample ID:	TB01-120525	SDG No.:	Q3788
Lab Sample ID:	Q3788-13	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	12/08/25 18:02	VX120825
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	12/08/25 18:02	VX120825
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	12/08/25 18:02	VX120825
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	12/08/25 18:02	VX120825
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	12/08/25 18:02	VX120825
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	12/08/25 18:02	VX120825
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	12/08/25 18:02	VX120825
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	12/08/25 18:02	VX120825
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	12/08/25 18:02	VX120825
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	12/08/25 18:02	VX120825
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	55.4			70 (74) - 130 (125)	111%	SPK: 50		
1868-53-7	Dibromofluoromethane	46.5			70 (75) - 130 (124)	93%	SPK: 50		
2037-26-5	Toluene-d8	47.3			70 (86) - 130 (113)	95%	SPK: 50		
460-00-4	4-Bromofluorobenzene	58.7			70 (77) - 130 (121)	117%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	148000							
540-36-3	1,4-Difluorobenzene	304000							
3114-55-4	Chlorobenzene-d5	326000							
3855-82-1	1,4-Dichlorobenzene-d4	174000							

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: **VX048763.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120825\
Data File : VX048763.D
Acq On : 08 Dec 2025 18:02
Operator : JC/MD
Sample : Q3788-13
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TB01-120525

Quant Time: Dec 09 04:14:39 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

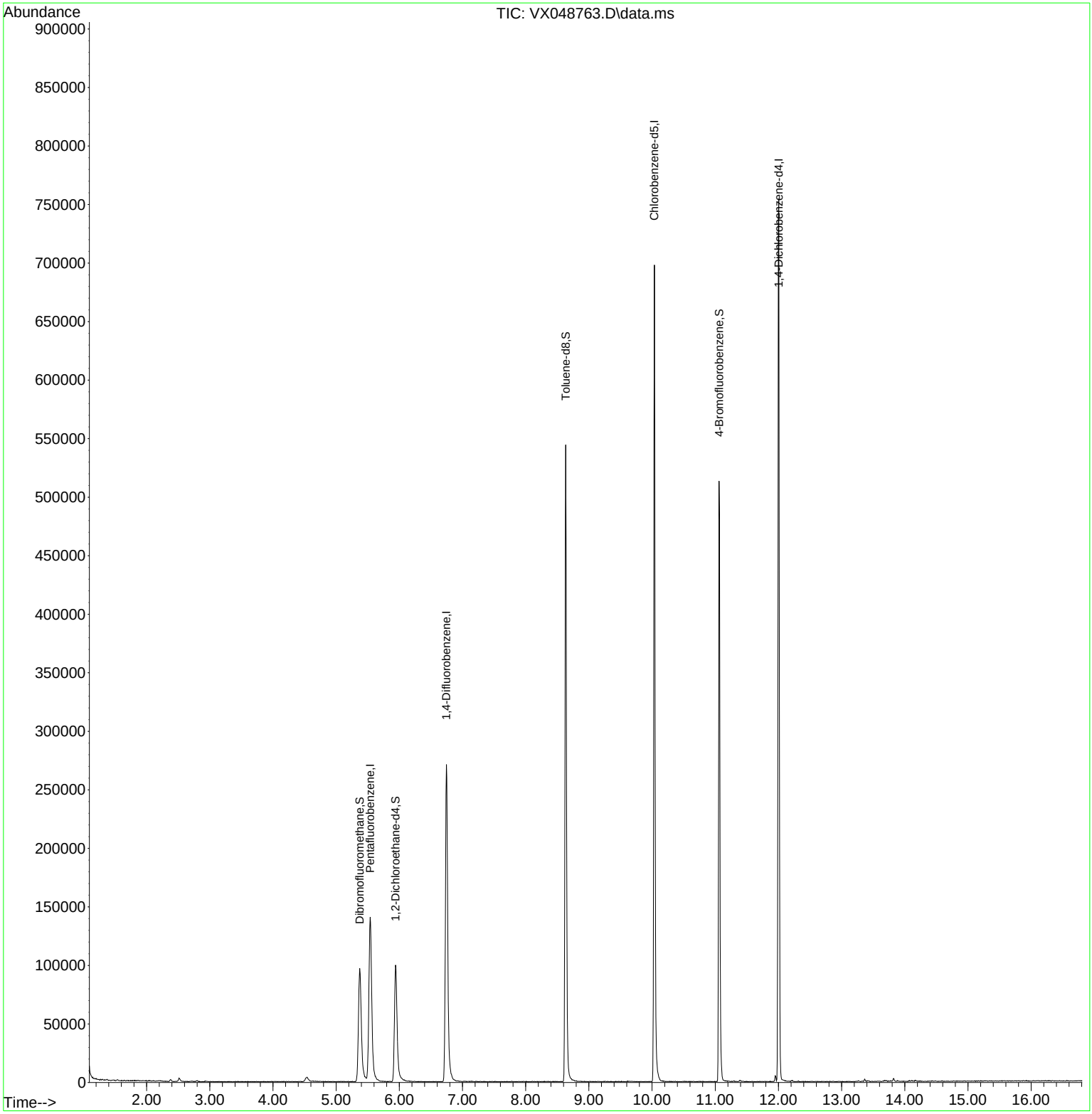
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.538	168	147710	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	303651	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	326109	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	173863	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	109857	55.412	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 110.820%			
35) Dibromofluoromethane	5.373	113	97240	46.510	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.020%			
50) Toluene-d8	8.635	98	346584	47.291	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 94.580%			
62) 4-Bromofluorobenzene	11.061	95	148448	58.740	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 117.480%			
Target Compounds						Qvalue

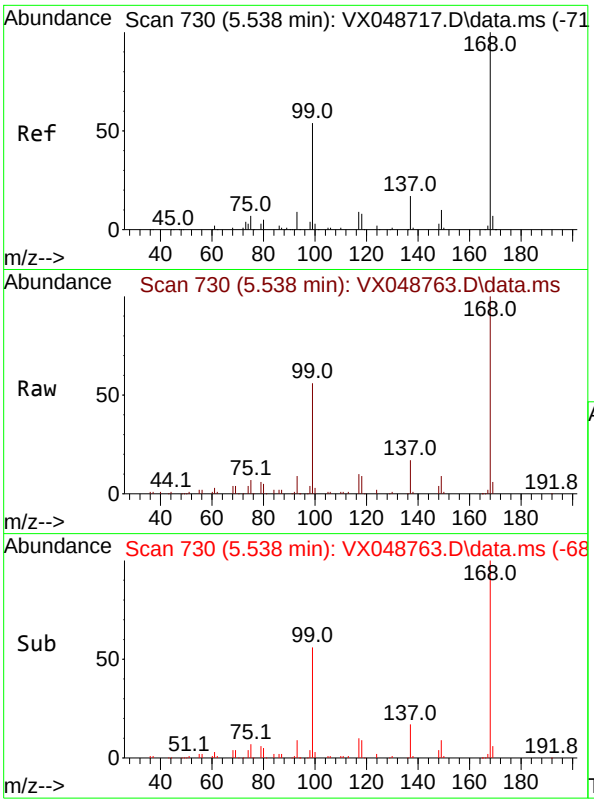
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120825\
Data File : VX048763.D
Acq On : 08 Dec 2025 18:02
Operator : JC/MD
Sample : Q3788-13
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TB01-120525

Quant Time: Dec 09 04:14:39 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



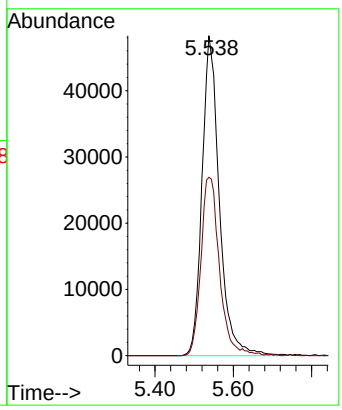


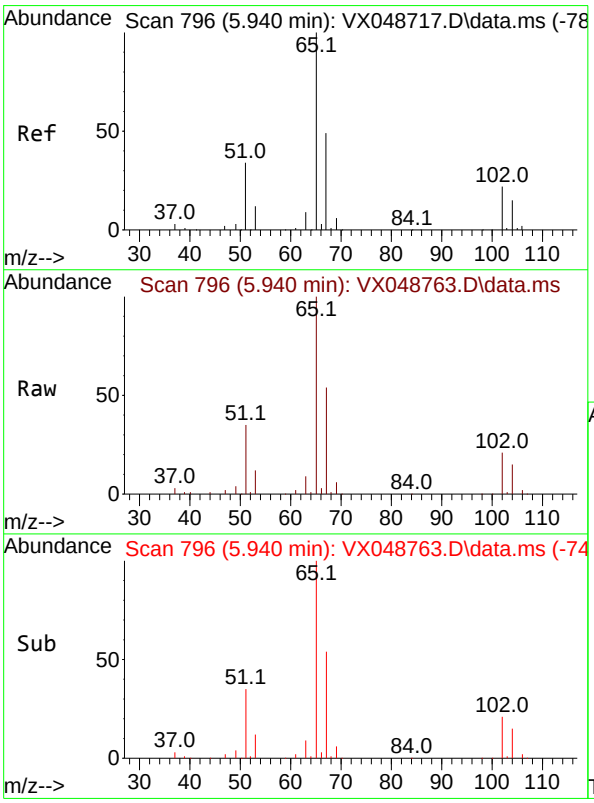
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048763.D
Acq: 08 Dec 2025 18:02

Instrument :
MSVOA_X
ClientSampleId :
TB01-120525

Tgt Ion:168 Resp: 147710

Ion	Ratio	Lower	Upper
168	100		
99	55.7	44.2	66.4

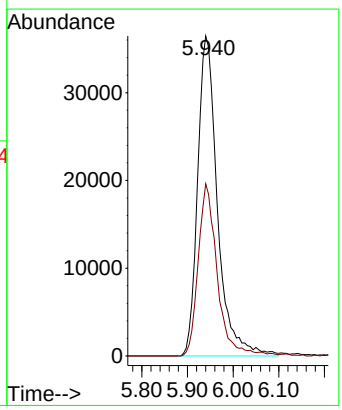


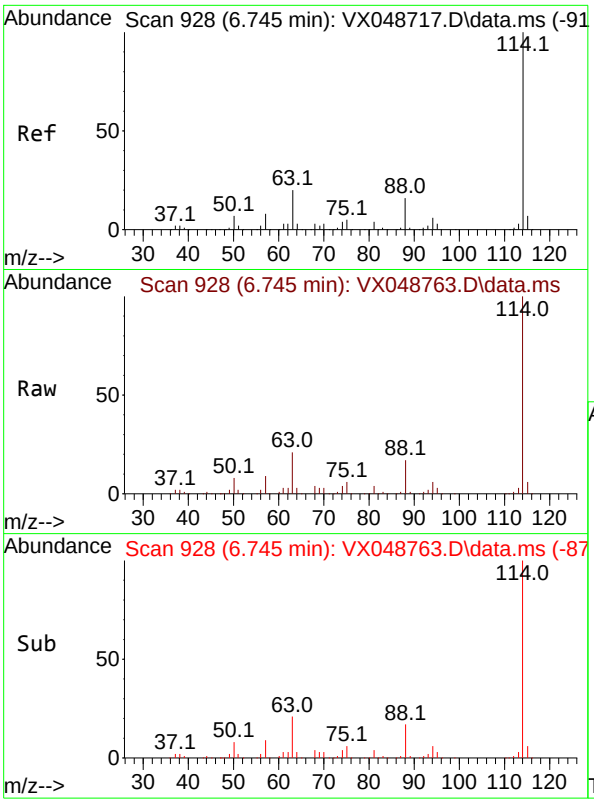


#33
1,2-Dichloroethane-d4
Concen: 55.412 ug/l
RT: 5.940 min Scan# 796
Delta R.T. 0.000 min
Lab File: VX048763.D
Acq: 08 Dec 2025 18:02

Tgt Ion: 65 Resp: 109857

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	107.4



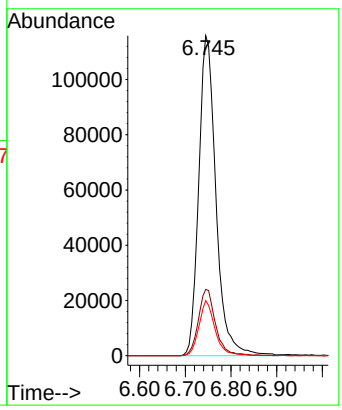


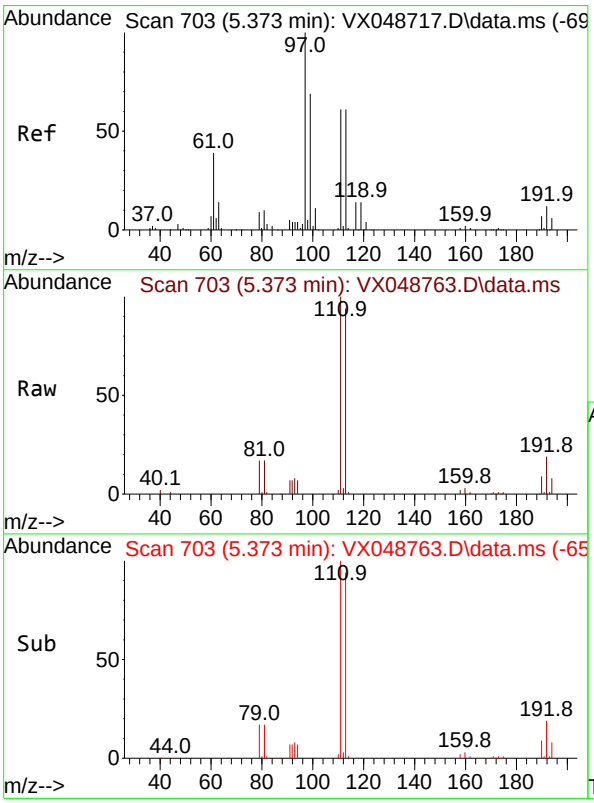
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX048763.D
Acq: 08 Dec 2025 18:02

Instrument :
MSVOA_X
ClientSampleId :
TB01-120525

Tgt Ion:114 Resp: 303651

Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	39.0
88	17.2	0.0	31.8

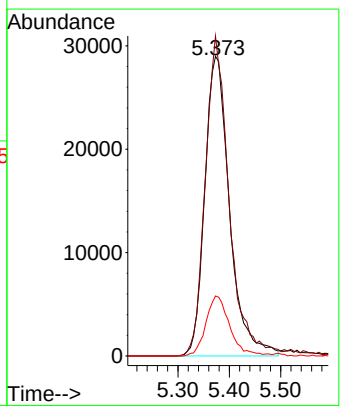


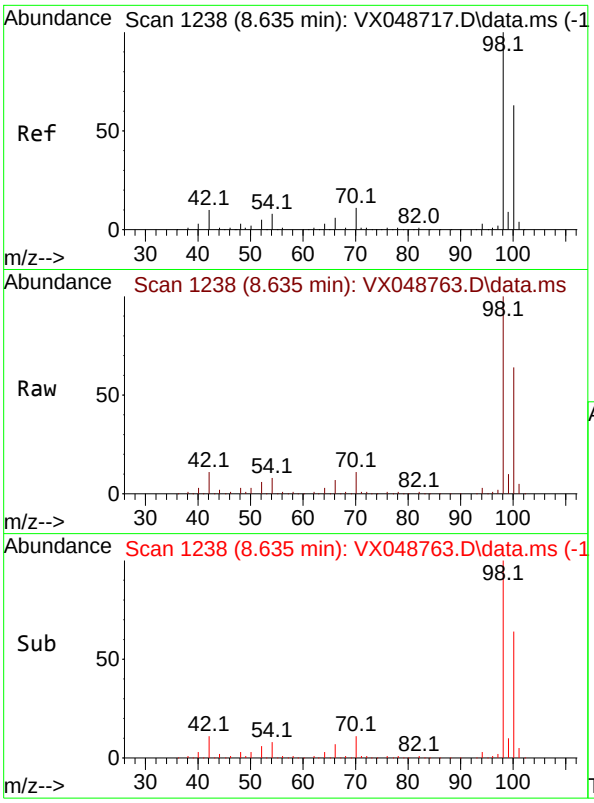


#35
Dibromofluoromethane
Concen: 46.510 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX048763.D
Acq: 08 Dec 2025 18:02

Tgt Ion:113 Resp: 97240

Ion	Ratio	Lower	Upper
113	100		
111	102.8	79.5	119.3
192	19.3	16.1	24.1



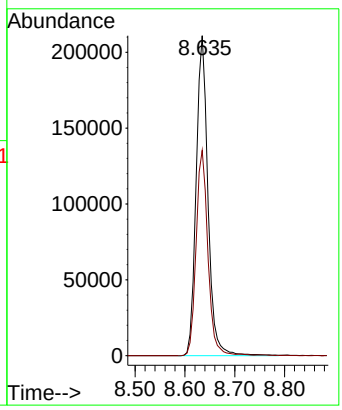


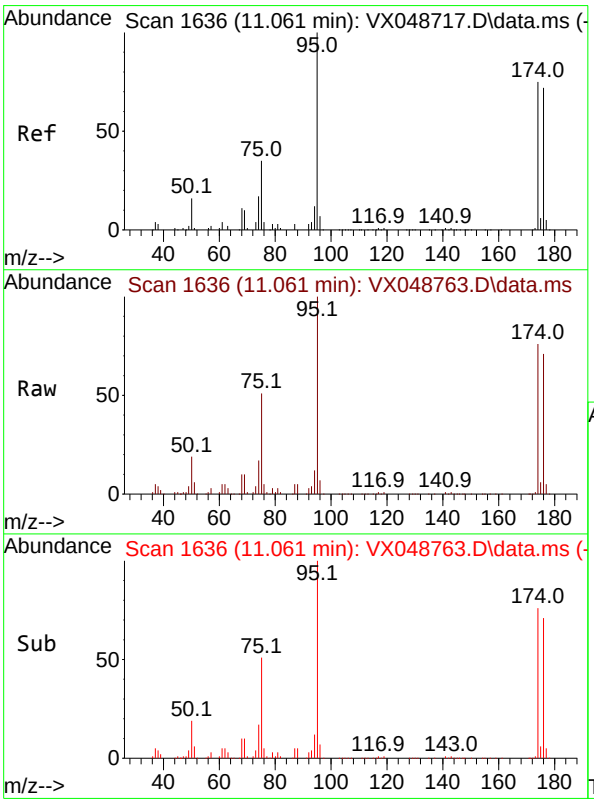
#50
Toluene-d8
Concen: 47.291 ug/l
RT: 8.635 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048763.D
Acq: 08 Dec 2025 18:02

Instrument :
MSVOA_X
ClientSampleId :
TB01-120525

Tgt Ion: 98 Resp: 346584

Ion	Ratio	Lower	Upper
98	100		
100	64.2	53.4	80.0

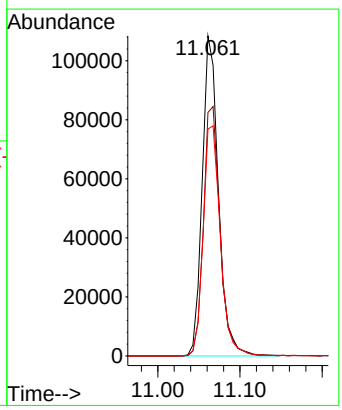


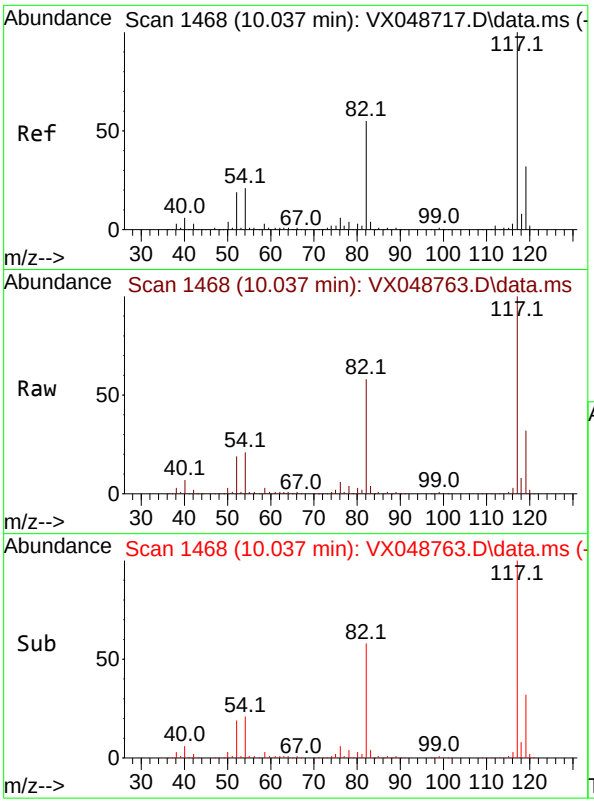


#62
4-Bromofluorobenzene
Concen: 58.740 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048763.D
Acq: 08 Dec 2025 18:02

Tgt Ion: 95 Resp: 148448

Ion	Ratio	Lower	Upper
95	100		
174	80.2	0.0	157.8
176	76.1	0.0	154.0



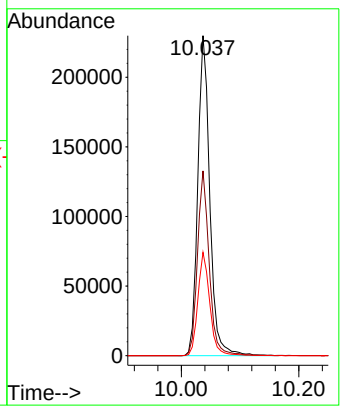


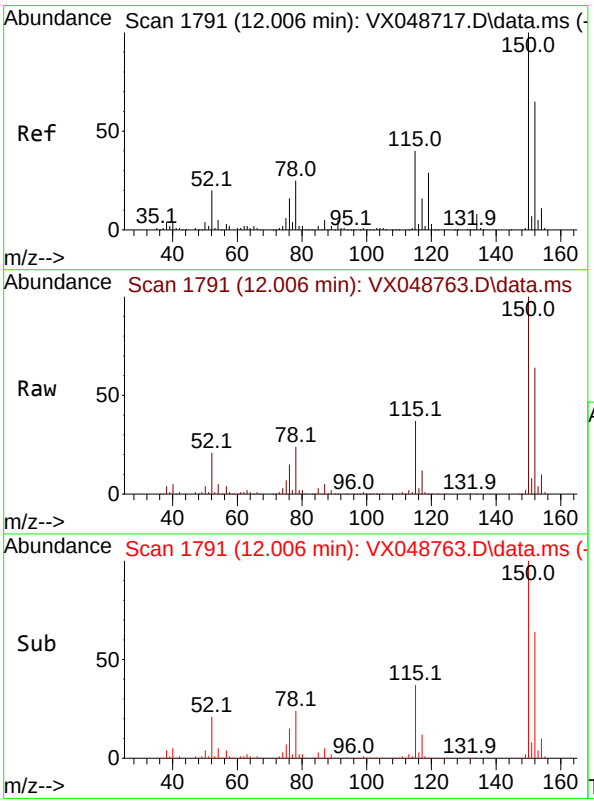
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048763.D
Acq: 08 Dec 2025 18:02

Instrument :
MSVOA_X
ClientSampleId :
TB01-120525

Tgt Ion:117 Resp: 326109

Ion	Ratio	Lower	Upper
117	100		
82	57.8	44.1	66.1
119	32.3	25.2	37.8

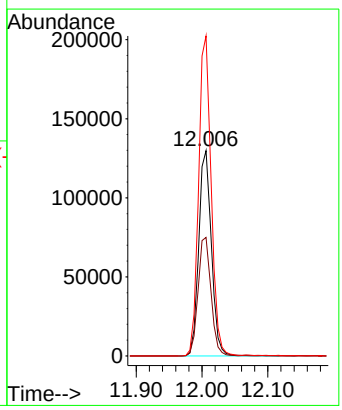




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX048763.D
Acq: 08 Dec 2025 18:02

Tgt Ion:152 Resp: 173863

Ion	Ratio	Lower	Upper
152	100		
115	59.2	42.1	126.4
150	154.1	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.: Q3788

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

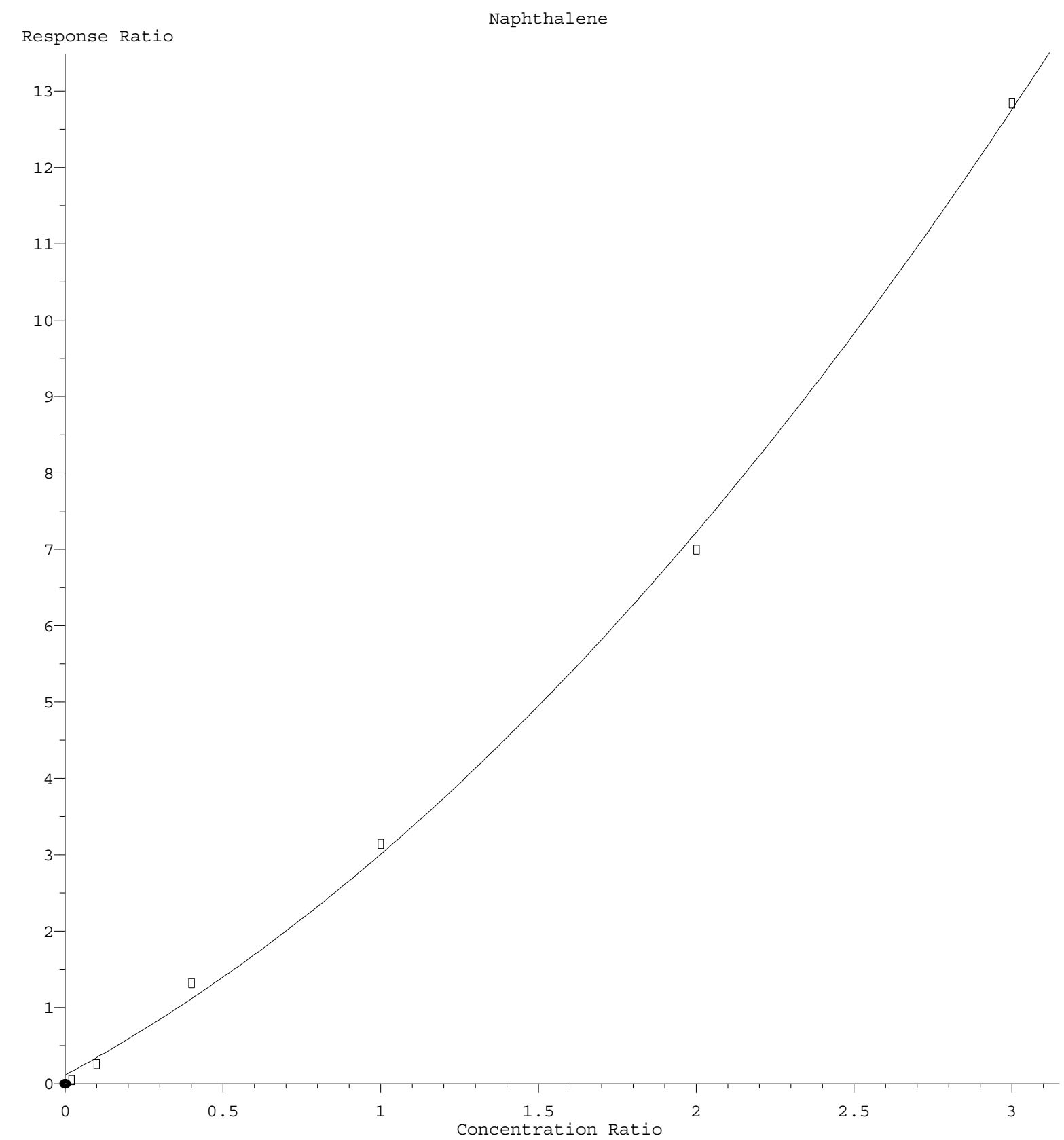
Calibration Files
1 =VX048714.D 5 =VX048715.D 20 =VX048716.D 50 =VX048717.D 100 =VX048718.D 150 =VX048719.D

		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

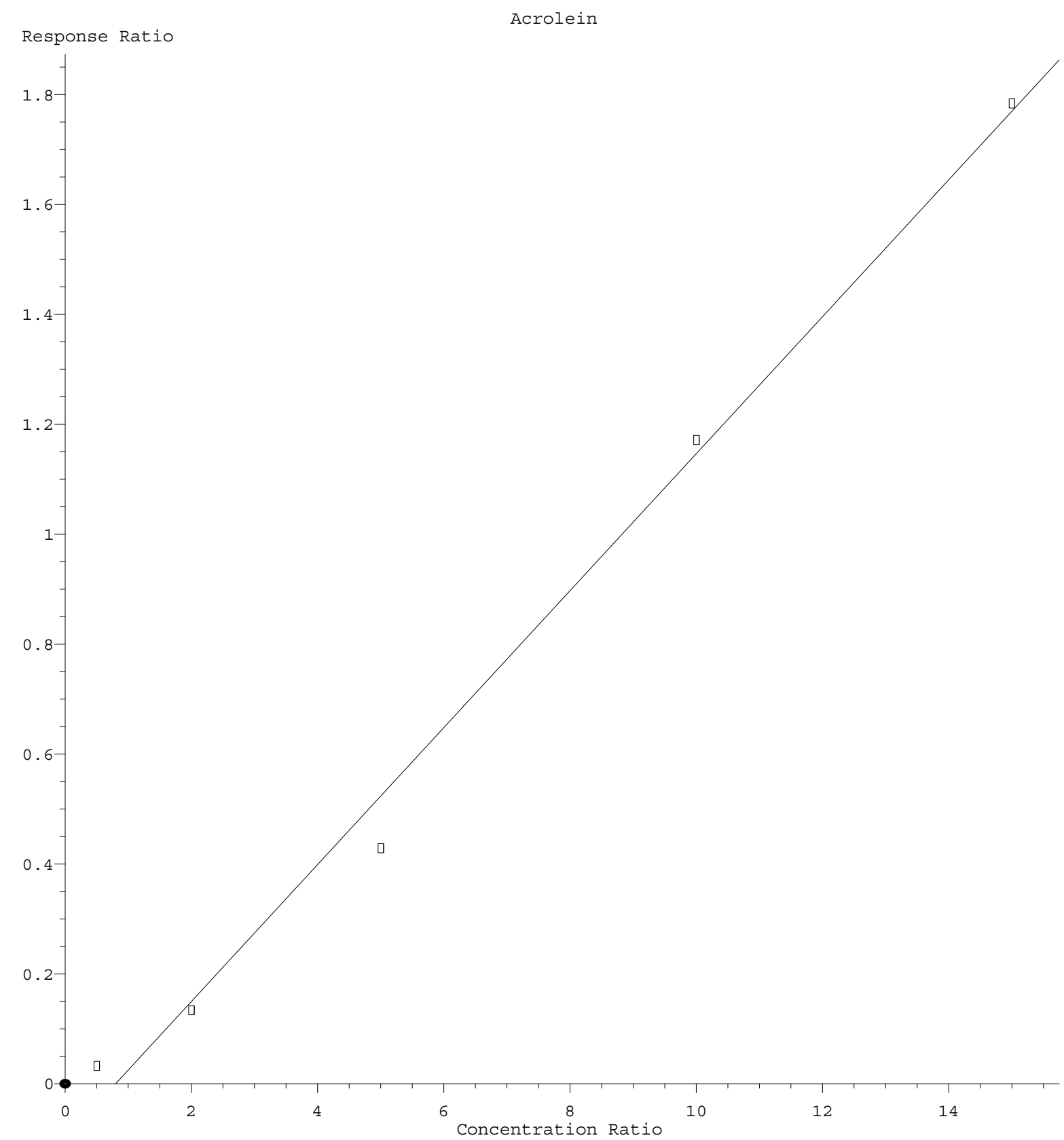
Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
Method File : 82X120425W.M

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

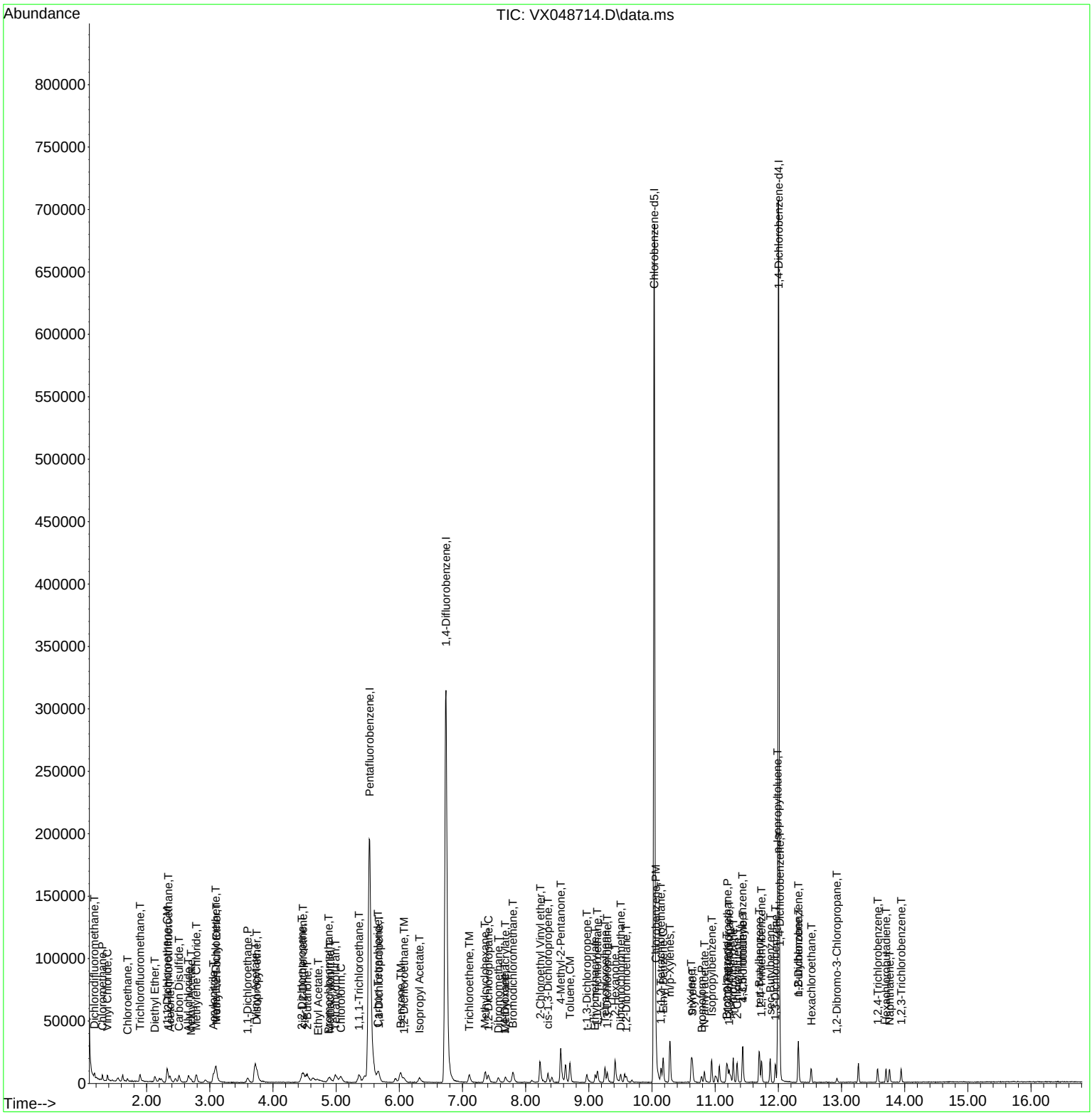
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120425\
Data File : VX048714.D
Acq On : 04 Dec 2025 08:47
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

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

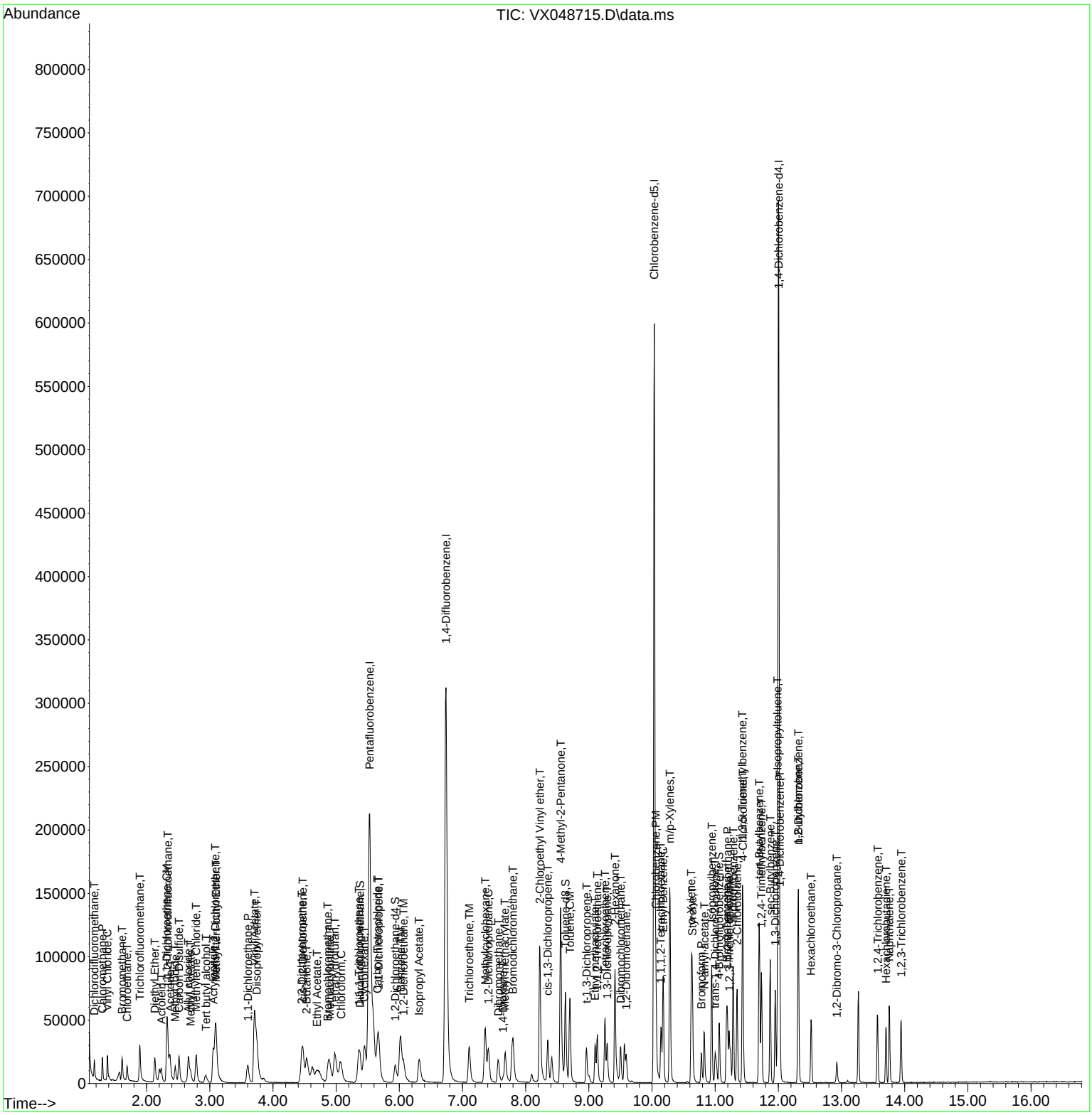
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120425\
Data File : VX048715.D
Acq On : 04 Dec 2025 09:16
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

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

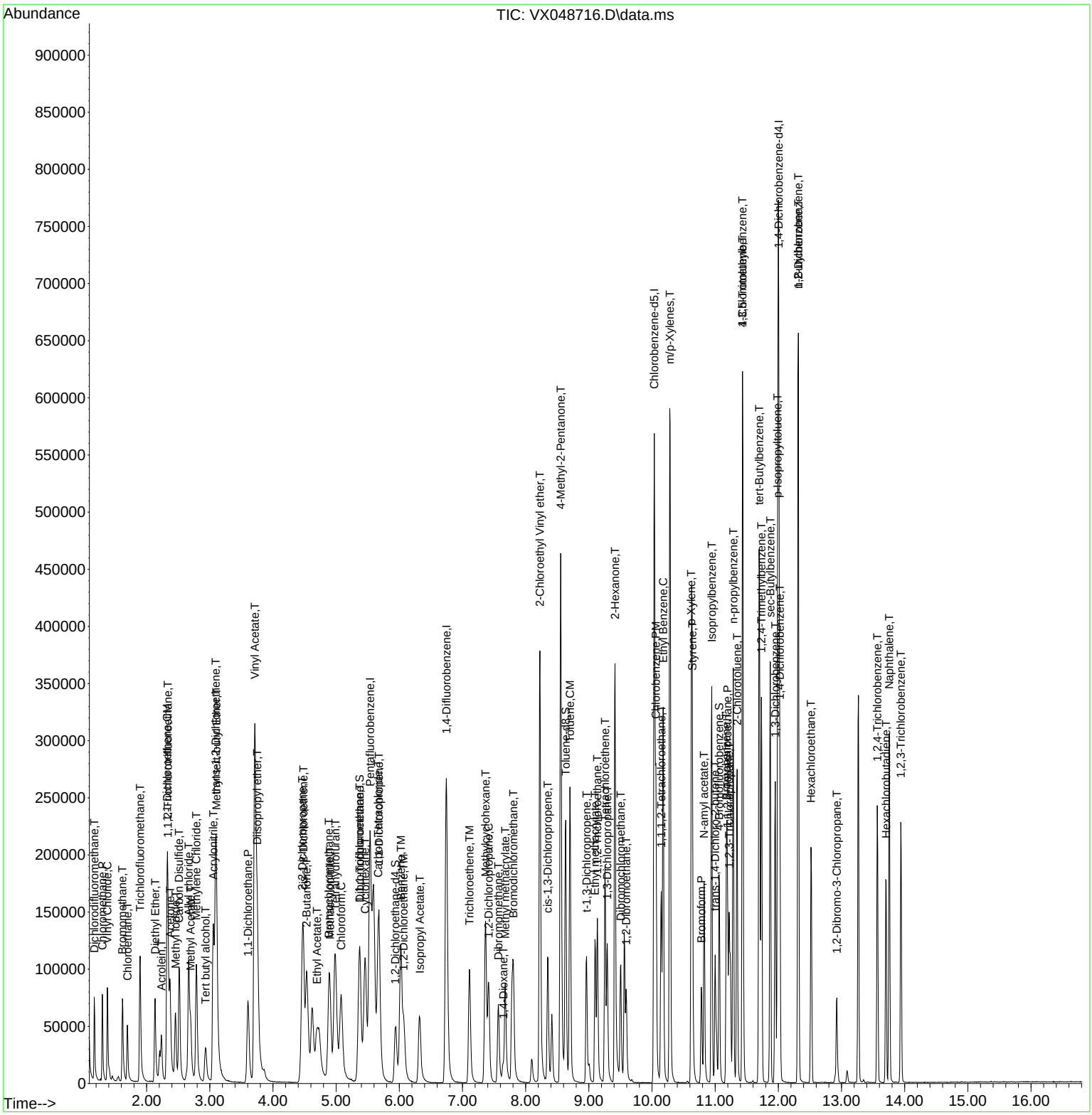
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120425\
Data File : VX048716.D
Acq On : 04 Dec 2025 09:36
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

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

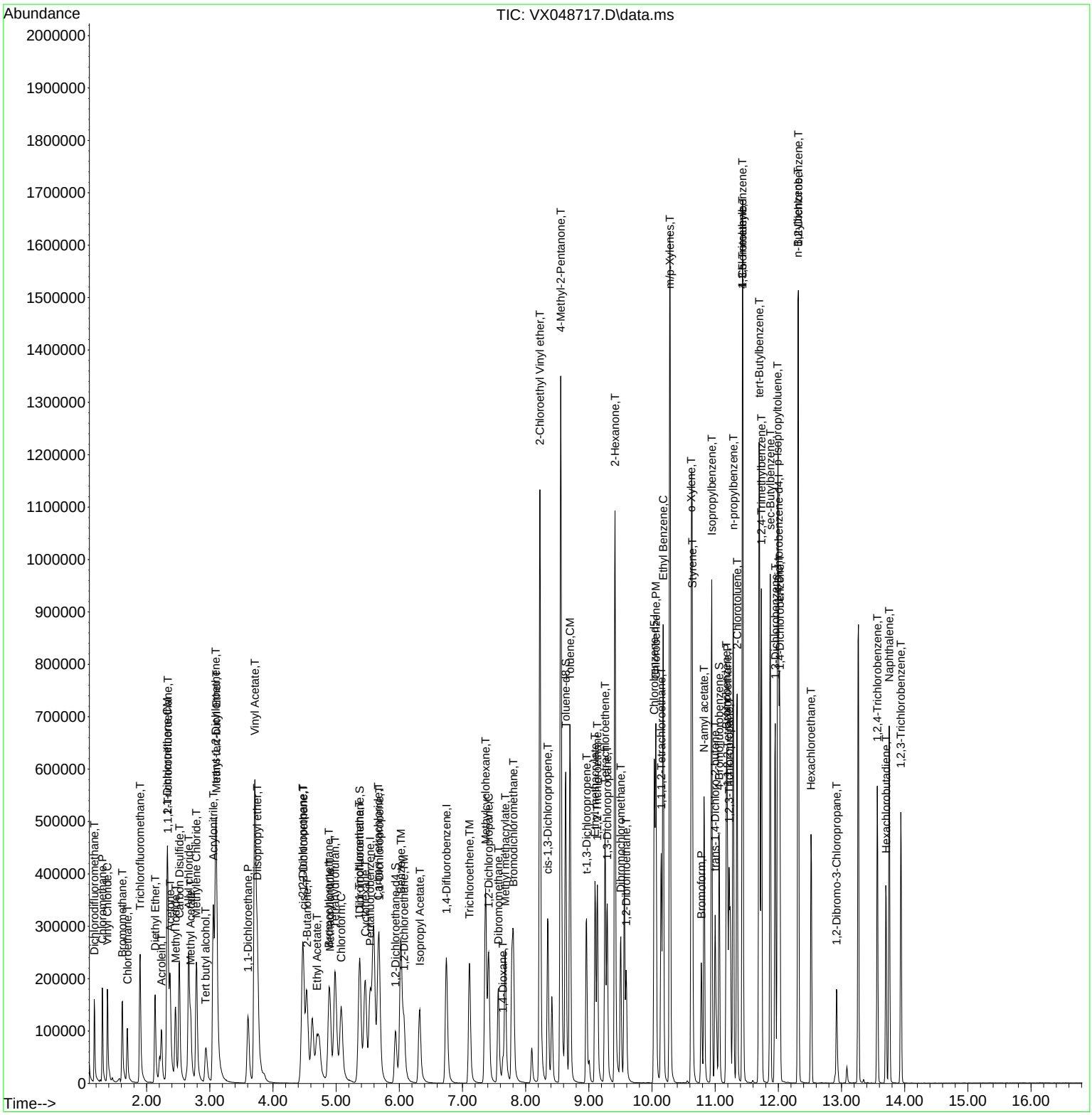
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120425\
Data File : VX048717.D
Acq On : 04 Dec 2025 09:57
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

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

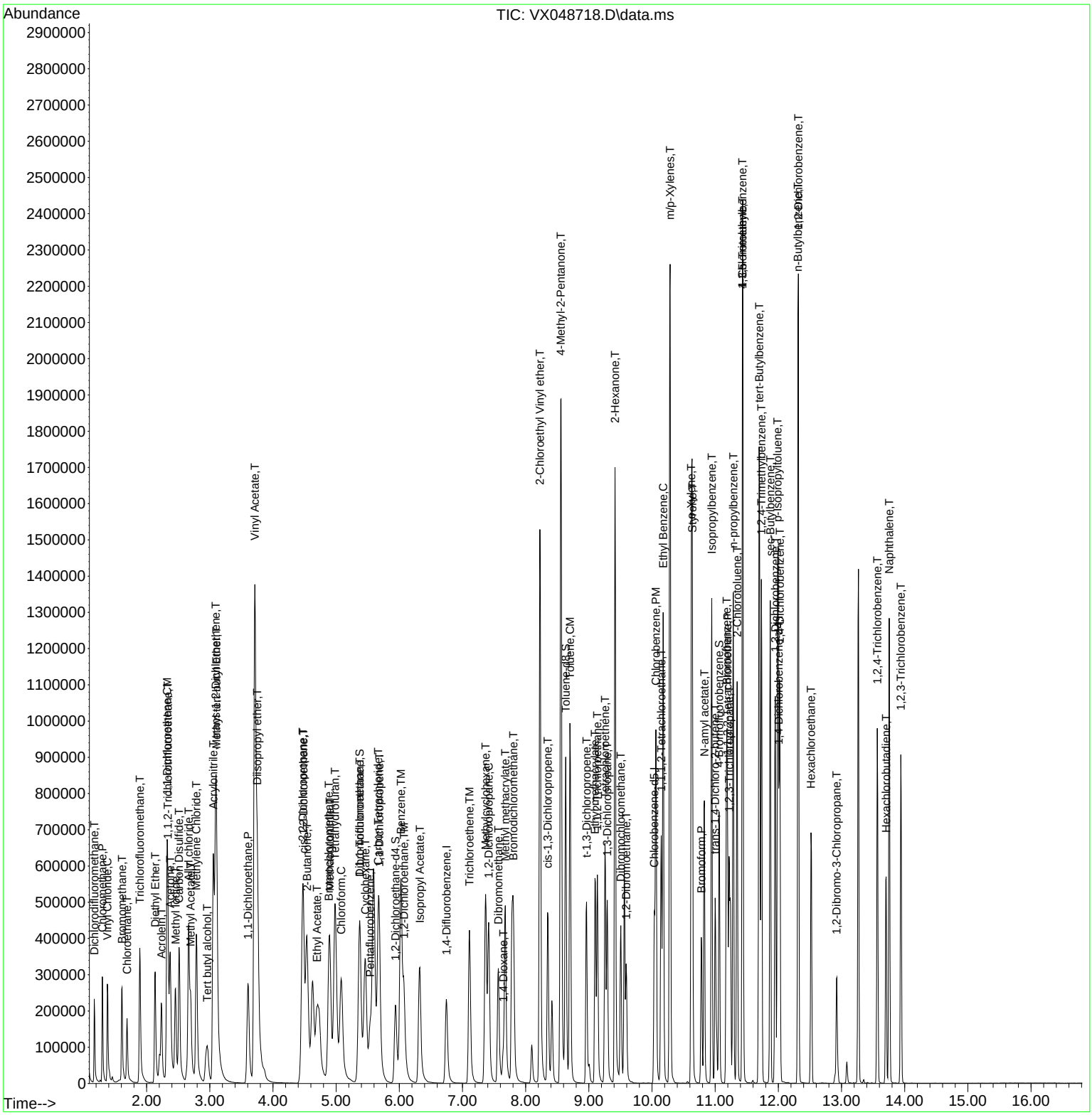
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120425\
Data File : VX048718.D
Acq On : 04 Dec 2025 10:17
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

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

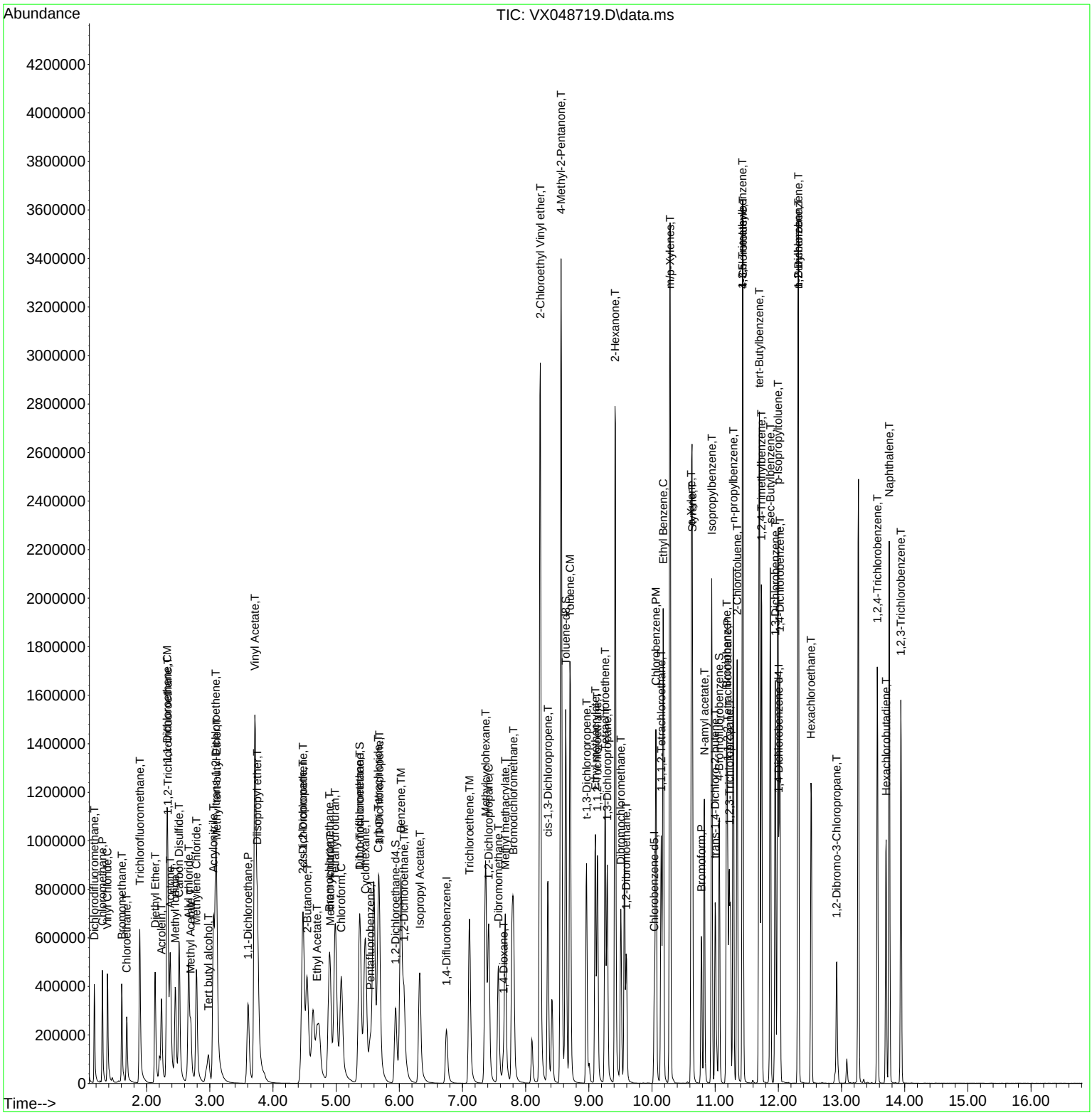
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120425\
Data File : VX048719.D
Acq On : 04 Dec 2025 10:38
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

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

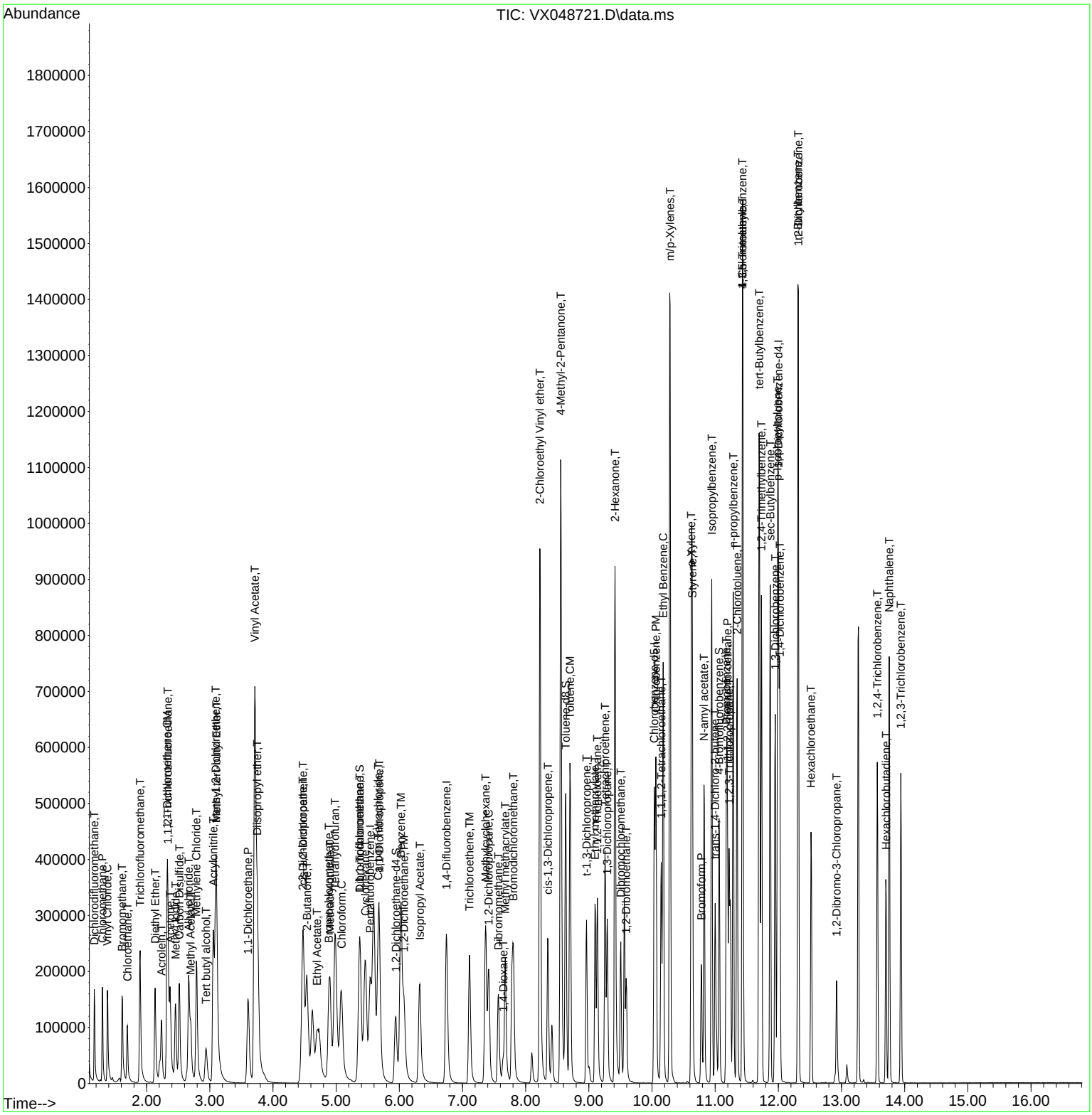
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120425\
Data File : VX048721.D
Acq On : 04 Dec 2025 14:04
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

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: **VX048742.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.: Q3788

Instrument ID: MSVOA_X | Calibration Date/Time: 12/08/2025 09:20

Lab File ID: VX048742.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	0.671		-2.04	20
1,1-Dichloroethene	0.581	0.547		-5.85	20
1,1-Dichloroethane	1.016	1.086	0.1	6.89	20
cis-1,2-Dichloroethene	0.669	0.701		4.78	20
1,1,1-Trichloroethane	0.975	0.976		0.1	20
Benzene	1.398	1.441		3.08	20
1,2-Dichloroethane	0.495	0.558		12.73	20
Trichloroethene	0.365	0.370		1.37	20
1,1,2-Trichloroethane	0.339	0.389		14.75	20
Tetrachloroethene	0.364	0.345		-5.22	20
1,2-Dichloroethane-d4	0.671	0.665		-0.89	20
Dibromofluoromethane	0.344	0.346		0.58	20
Toluene-d8	1.207	1.218		0.91	20
4-Bromofluorobenzene	0.416	0.450		8.17	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\VX120825\
Data File : VX048742.D
Acq On : 08 Dec 2025 09:20
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 09 04:05:01 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

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 12/09/2025
Supervised By :Mahesh Dadoda 12/09/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.531	168	174813	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.739	114	271670	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	259893	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.000	152	132353	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	116232	49.538	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 99.080%			
35) Dibromofluoromethane	5.361	113	93905	50.202	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.400%			
50) Toluene-d8	8.628	98	330988	50.480	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.960%			
62) 4-Bromofluorobenzene	11.061	95	122254	54.070	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.140%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	109463	61.456	ug/l	98
3) Chloromethane	1.300	50	112158	49.901	ug/l	99
4) Vinyl Chloride	1.380	62	117239	48.978	ug/l	97
5) Bromomethane	1.611	94	79697	53.876	ug/l	97
6) Chloroethane	1.691	64	70486	47.313	ug/l	96
7) Trichlorofluoromethane	1.892	101	168328	49.064	ug/l	95
8) Diethyl Ether	2.130	74	68655	50.137	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	96741	48.641	ug/l	99
10) Methyl Iodide	2.453	142	142606	50.365	ug/l	98
11) Tert butyl alcohol	2.934	59	104607	276.145	ug/l	99
12) 1,1-Dichloroethene	2.319	96	95593	47.091	ug/l	98
13) Acrolein	2.233	56	122007	320.155	ug/l	100
14) Allyl chloride	2.660	41	182879	53.660	ug/l	96
15) Acrylonitrile	3.050	53	323941	274.443	ug/l	99
16) Acetone	2.367	43	266788	297.020	ug/l	97
17) Carbon Disulfide	2.514	76	276616	46.924	ug/l	99
18) Methyl Acetate	2.690	43	147186	58.240	ug/l	98
19) Methyl tert-butyl Ether	3.099	73	346867	52.505	ug/l	98
20) Methylene Chloride	2.782	84	106567	47.466	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	96842	46.743	ug/l	97
22) Diisopropyl ether	3.745	45	361202	56.708	ug/l	97
23) Vinyl Acetate	3.702	43	1644500	307.270	ug/l	97
24) 1,1-Dichloroethane	3.599	63	189815	53.440	ug/l	99
25) 2-Butanone	4.525	43	409699	309.048	ug/l	95
26) 2,2-Dichloropropane	4.452	77	163755	52.104	ug/l	99
27) cis-1,2-Dichloroethene	4.471	96	122467	52.383	ug/l	94
28) Bromochloromethane	4.879	49	84093	48.303	ug/l	89
29) Tetrahydrofuran	4.971	42	292738	289.193	ug/l	96
30) Chloroform	5.068	83	201485	52.941	ug/l	100
31) Cyclohexane	5.452	56	152479	48.082	ug/l	96
32) 1,1,1-Trichloroethane	5.361	97	170606	50.030	ug/l	97
36) 1,1-Dichloropropene	5.672	75	129381	50.500	ug/l	99
37) Ethyl Acetate	4.684	43	200103	65.365	ug/l	97
38) Carbon Tetrachloride	5.659	117	151224	52.111	ug/l	93
39) Methylcyclohexane	7.360	83	159338	52.596	ug/l	99
40) Benzene	6.013	78	391521	51.550	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120825\
Data File : VX048742.D
Acq On : 08 Dec 2025 09:20
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 09 04:05:01 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

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 12/09/2025
Supervised By :Mahesh Dadoda 12/09/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.891	41	87479	62.805	ug/l		97
42) 1,2-Dichloroethane	6.062	62	151479	56.351	ug/l		96
43) Isopropyl Acetate	6.312	43	269086	58.049	ug/l		96
44) Trichloroethene	7.104	130	100636	50.782	ug/l		93
45) 1,2-Dichloropropane	7.409	63	103675	54.615	ug/l		97
46) Dibromomethane	7.562	93	81979	56.948	ug/l		100
47) Bromodichloromethane	7.799	83	161338	53.756	ug/l		100
48) Methyl methacrylate	7.671	41	129988	55.745	ug/l		98
49) 1,4-Dioxane	7.641	88	41910	1306.826	ug/l		93
51) 4-Methyl-2-Pentanone	8.549	43	839339	291.714	ug/l		99
52) Toluene	8.702	92	259442	56.649	ug/l		100
53) t-1,3-Dichloropropene	8.958	75	166878	58.445	ug/l		99
54) cis-1,3-Dichloropropene	8.348	75	176260	57.439	ug/l		96
55) 1,1,2-Trichloroethane	9.134	97	105645	57.331	ug/l		100
56) Ethyl methacrylate	9.098	69	176042	61.034	ug/l		97
57) 1,3-Dichloropropane	9.287	76	173763	56.709	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.220	63	502570	322.382	ug/l		99
59) 2-Hexanone	9.409	43	605996	300.030	ug/l		99
60) Dibromochloromethane	9.500	129	132496	58.148	ug/l		99
61) 1,2-Dibromoethane	9.592	107	115535	57.930	ug/l		100
64) Tetrachloroethene	9.256	164	89617	47.307	ug/l		97
65) Chlorobenzene	10.061	112	287596	50.555	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.140	131	103746	50.988	ug/l		99
67) Ethyl Benzene	10.177	91	476354	51.315	ug/l		99
68) m/p-Xylenes	10.281	106	368936	102.029	ug/l		98
69) o-Xylene	10.622	106	180357	53.228	ug/l		98
70) Styrene	10.634	104	312915	53.795	ug/l		99
71) Bromoform	10.780	173	97762	53.817	ug/l		99
73) Isopropylbenzene	10.945	105	456673	51.202	ug/l		99
74) N-amyl acetate	10.823	43	218050	56.266	ug/l		97
75) 1,1,2,2-Tetrachloroethane	11.195	83	161398	53.631	ug/l		99
76) 1,2,3-Trichloropropane	11.219	75	132368m	53.696	ug/l		
77) Bromobenzene	11.177	156	122590	51.496	ug/l		96
78) n-propylbenzene	11.286	91	530512	51.357	ug/l		98
79) 2-Chlorotoluene	11.347	91	320717	50.915	ug/l		97
80) 1,3,5-Trimethylbenzene	11.433	105	379802	51.805	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.000	75	58364	56.240	ug/l	#	54
82) 4-Chlorotoluene	11.433	91	380068	51.705	ug/l		98
83) tert-Butylbenzene	11.695	119	387442	50.861	ug/l		98
84) 1,2,4-Trimethylbenzene	11.732	105	386338	52.241	ug/l		98
85) sec-Butylbenzene	11.872	105	471593	51.082	ug/l		99
86) p-Isopropyltoluene	11.988	119	409455	51.886	ug/l		99
87) 1,3-Dichlorobenzene	11.951	146	224294	51.109	ug/l		100
88) 1,4-Dichlorobenzene	12.018	146	227243	50.109	ug/l		99
89) n-Butylbenzene	12.311	91	368851	49.922	ug/l		99
90) Hexachloroethane	12.518	117	77355	48.028	ug/l		96
91) 1,2-Dichlorobenzene	12.317	146	216556	50.899	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.920	75	37796	51.605	ug/l		99
93) 1,2,4-Trichlorobenzene	13.567	180	144749	51.512	ug/l		99
94) Hexachlorobutadiene	13.707	225	55748	47.962	ug/l		96
95) Naphthalene	13.756	128	458027	56.250	ug/l		99
96) 1,2,3-Trichlorobenzene	13.938	180	140730	54.305	ug/l		97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120825\
Data File : VX048742.D
Acq On : 08 Dec 2025 09:20
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 09 04:05:01 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

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 12/09/2025
Supervised By :Mahesh Dadoda 12/09/2025

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

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

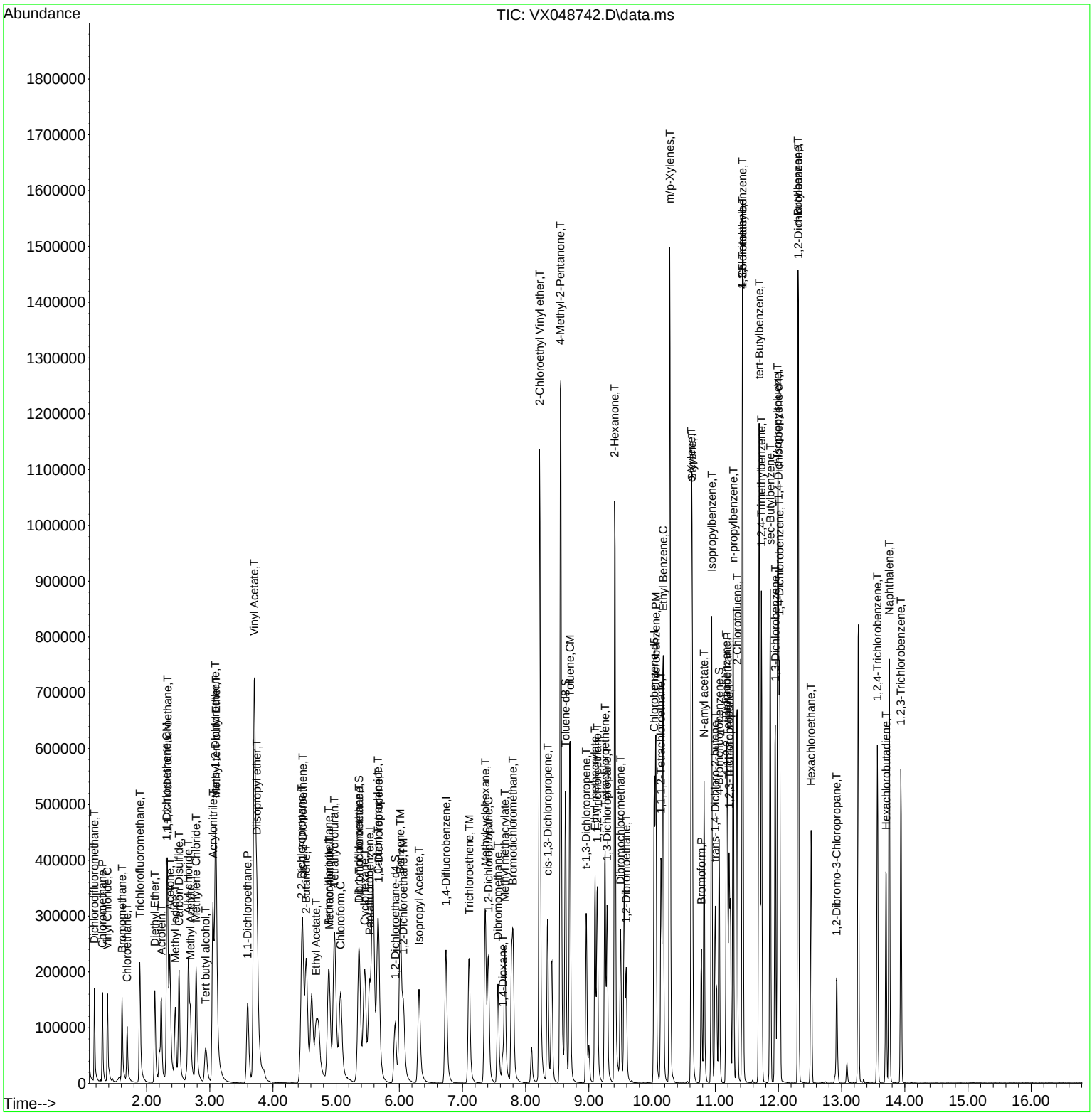
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120825\
Data File : VX048742.D
Acq On : 08 Dec 2025 09:20
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 09 04:05:01 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

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 12/09/2025
Supervised By :Mahesh Dadoda 12/09/2025



Evaluate Continuing Calibration Report

Sample Results: **VX048742.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120825\
Data File : VX048742.D
Acq On : 08 Dec 2025 09:20
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 09 04:05:01 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

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	94	0.00
2	T	Dichlorodifluoromethane	0.509	0.626	-23.0	103	0.00
3	P	Chloromethane	0.643	0.642	0.2	93	0.00
4	C	Vinyl Chloride	0.685	0.671	2.0#	89	0.00
5	T	Bromomethane	0.423	0.456	-7.8	91	0.00
6	T	Chloroethane	0.426	0.403	5.4	89	0.00
7	T	Trichlorofluoromethane	0.981	0.963	1.8	87	0.00
8	T	Diethyl Ether	0.392	0.393	-0.3	97	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.569	0.553	2.8	87	0.00
10	T	Methyl Iodide	0.810	0.816	-0.7	88	0.00
11	T	Tert butyl alcohol	0.108	0.120	-11.1	98	0.00
12	CM	1,1-Dichloroethene	0.581	0.547	5.9#	85	0.00
13	T	Acrolein	0.091	0.140	-53.8#	153#	0.00
14	T	Allyl chloride	0.975	1.046	-7.3	91	0.00
15	T	Acrylonitrile	0.338	0.371	-9.8	95	0.00
16	T	Acetone	0.257	0.305	-18.7	116	0.00
17	T	Carbon Disulfide	1.686	1.582	6.2	84	0.00
18	T	Methyl Acetate	0.723	0.842	-16.5	101	0.00
19	T	Methyl tert-butyl Ether	1.890	1.984	-5.0	93	0.00
20	T	Methylene Chloride	0.642	0.610	5.0	88	0.00
21	T	trans-1,2-Dichloroethene	0.593	0.554	6.6	83	0.00
22	T	Diisopropyl ether	1.822	2.066	-13.4	124	0.00
23	T	Vinyl Acetate	1.531	1.881	-22.9	128	-0.01
24	P	1,1-Dichloroethane	1.016	1.086	-6.9	112	0.00
25	T	2-Butanone	0.379	0.469	-23.7	130	-0.01
26	T	2,2-Dichloropropane	0.899	0.937	-4.2	106	-0.02
27	T	cis-1,2-Dichloroethene	0.669	0.701	-4.8	104	-0.01
28	T	Bromochloromethane	0.498	0.481	3.4	108	0.00
29	T	Tetrahydrofuran	0.290	0.335	-15.5	127	-0.01
30	C	Chloroform	1.089	1.153	-5.9#	110	-0.01
31	T	Cyclohexane	0.907	0.872	3.9	103	-0.01
32	T	1,1,1-Trichloroethane	0.975	0.976	-0.1	100	0.00
33	S	1,2-Dichloroethane-d4	0.671	0.665	0.9	108	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	94	0.00
35	S	Dibromofluoromethane	0.344	0.346	-0.6	97	-0.01
36	T	1,1-Dichloropropene	0.472	0.476	-0.8	102	-0.01
37	T	Ethyl Acetate	0.563	0.737	-30.9#	128	-0.01
38	T	Carbon Tetrachloride	0.534	0.557	-4.3	99	0.00
39	T	Methylcyclohexane	0.558	0.587	-5.2	86	0.00
40	TM	Benzene	1.398	1.441	-3.1	102	-0.01
41	T	Methacrylonitrile	0.256	0.322	-25.8#	125	-0.01
42	TM	1,2-Dichloroethane	0.495	0.558	-12.7	116	-0.01
43	T	Isopropyl Acetate	0.853	0.990	-16.1	123	-0.01
44	TM	Trichloroethene	0.365	0.370	-1.4	95	0.00
45	C	1,2-Dichloropropane	0.349	0.382	-9.5#	94	0.00
46	T	Dibromomethane	0.265	0.302	-14.0	98	0.00
47	T	Bromodichloromethane	0.552	0.594	-7.6	95	0.00
48	T	Methyl methacrylate	0.429	0.478	-11.4	97	0.00

Sample Results: **VX048742.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120825\
Data File : VX048742.D
Acq On : 08 Dec 2025 09:20
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 09 04:05:01 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

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	0.008	-33.3#	115	0.00
50	S	Toluene-d8	1.207	1.218	-0.9	87	0.00
51	T	4-Methyl-2-Pentanone	0.530	0.618	-16.6	96	0.00
52	CM	Toluene	0.843	0.955	-13.3#	93	0.00
53	T	t-1,3-Dichloropropene	0.526	0.614	-16.7	96	0.00
54	T	cis-1,3-Dichloropropene	0.565	0.649	-14.9	95	0.00
55	T	1,1,2-Trichloroethane	0.339	0.389	-14.7	97	0.00
56	T	Ethyl methacrylate	0.531	0.648	-22.0	97	0.00
57	T	1,3-Dichloropropane	0.564	0.640	-13.5	96	0.00
58	T	2-Chloroethyl Vinyl ether	0.287	0.370	-28.9#	101	0.00
59	T	2-Hexanone	0.372	0.446	-19.9	95	0.00
60	T	Dibromochloromethane	0.419	0.488	-16.5	98	0.00
61	T	1,2-Dibromoethane	0.367	0.425	-15.8	97	0.00
62	S	4-Bromofluorobenzene	0.416	0.450	-8.2	92	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	93	0.00
64	T	Tetrachloroethene	0.364	0.345	5.2	91	0.00
65	PM	Chlorobenzene	1.094	1.107	-1.2	95	0.00
66	T	1,1,1,2-Tetrachloroethane	0.391	0.399	-2.0	98	0.00
67	C	Ethyl Benzene	1.786	1.833	-2.6#	90	0.00
68	T	m/p-Xylenes	0.696	0.710	-2.0	92	0.00
69	T	o-Xylene	0.652	0.694	-6.4	95	0.00
70	T	Styrene	1.119	1.204	-7.6	96	0.00
71	P	Bromoform	0.349	0.376	-7.7	107	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	97	0.00
73	T	Isopropylbenzene	3.369	3.450	-2.4	92	0.00
74	T	N-amyl acetate	1.464	1.647	-12.5	92	0.00
75	P	1,1,2,2-Tetrachloroethane	1.137	1.219	-7.2	100	0.00
76	T	1,2,3-Trichloropropane	0.931	1.000	-7.4	101	0.00
77	T	Bromobenzene	0.899	0.926	-3.0	101	0.00
78	T	n-propylbenzene	3.902	4.008	-2.7	90	0.00
79	T	2-Chlorotoluene	2.380	2.423	-1.8	93	0.00
80	T	1,3,5-Trimethylbenzene	2.770	2.870	-3.6	94	0.00
81	T	trans-1,4-Dichloro-2-butene	0.392	0.441	-12.5	103	0.00
82	T	4-Chlorotoluene	2.777	2.872	-3.4	93	0.00
83	T	tert-Butylbenzene	2.878	2.927	-1.7	94	0.00
84	T	1,2,4-Trimethylbenzene	2.794	2.919	-4.5	95	0.00
85	T	sec-Butylbenzene	3.488	3.563	-2.2	92	0.00
86	T	p-Isopropyltoluene	2.981	3.094	-3.8	94	0.00
87	T	1,3-Dichlorobenzene	1.658	1.695	-2.2	100	0.00
88	T	1,4-Dichlorobenzene	1.713	1.717	-0.2	100	0.00
89	T	n-Butylbenzene	2.791	2.787	0.1	91	0.00
90	T	Hexachloroethane	0.608	0.584	3.9	95	0.00
91	T	1,2-Dichlorobenzene	1.607	1.636	-1.8	100	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.277	0.286	-3.2	103	0.00
93	T	1,2,4-Trichlorobenzene	1.062	1.094	-3.0	106	0.00
94	T	Hexachlorobutadiene	0.439	0.421	4.1	104	0.00
95	T	Naphthalene	3.187	3.461	-8.6	107	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120825\
Data File : VX048742.D
Acq On : 08 Dec 2025 09:20
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 09 04:05:01 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

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	1.063	-8.6	111	0.00

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

Sample Results: **VX048742.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120825\
Data File : VX048742.D
Acq On : 08 Dec 2025 09:20
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 09 04:05:01 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

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	94	0.00
2	T	Dichlorodifluoromethane	50.000	61.456	-22.9	103	0.00
3	P	Chloromethane	50.000	49.901	0.2	93	0.00
4	C	Vinyl Chloride	50.000	48.978	2.0#	89	0.00
5	T	Bromomethane	50.000	53.876	-7.8	91	0.00
6	T	Chloroethane	50.000	47.313	5.4	89	0.00
7	T	Trichlorofluoromethane	50.000	49.064	1.9	87	0.00
8	T	Diethyl Ether	50.000	50.137	-0.3	97	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	48.641	2.7	87	0.00
10	T	Methyl Iodide	50.000	50.365	-0.7	88	0.00
11	T	Tert butyl alcohol	250.000	276.145	-10.5	98	0.00
12	CM	1,1-Dichloroethene	50.000	47.091	5.8#	85	0.00
13	T	Acrolein	250.000	320.155	-28.1#	153	0.00
14	T	Allyl chloride	50.000	53.660	-7.3	91	0.00
15	T	Acrylonitrile	250.000	274.443	-9.8	95	0.00
16	T	Acetone	250.000	297.020	-18.8	116	0.00
17	T	Carbon Disulfide	50.000	46.924	6.2	84	0.00
18	T	Methyl Acetate	50.000	58.240	-16.5	101	0.00
19	T	Methyl tert-butyl Ether	50.000	52.505	-5.0	93	0.00
20	T	Methylene Chloride	50.000	47.466	5.1	88	0.00
21	T	trans-1,2-Dichloroethene	50.000	46.743	6.5	83	0.00
22	T	Diisopropyl ether	50.000	56.708	-13.4	124	0.00
23	T	Vinyl Acetate	250.000	307.270	-22.9	128	-0.01
24	P	1,1-Dichloroethane	50.000	53.440	-6.9	112	0.00
25	T	2-Butanone	250.000	309.048	-23.6	130	-0.01
26	T	2,2-Dichloropropane	50.000	52.104	-4.2	106	-0.02
27	T	cis-1,2-Dichloroethene	50.000	52.383	-4.8	104	-0.01
28	T	Bromochloromethane	50.000	48.303	3.4	108	0.00
29	T	Tetrahydrofuran	250.000	289.193	-15.7	127	-0.01
30	C	Chloroform	50.000	52.941	-5.9#	110	-0.01
31	T	Cyclohexane	50.000	48.082	3.8	103	-0.01
32	T	1,1,1-Trichloroethane	50.000	50.030	-0.1	100	0.00
33	S	1,2-Dichloroethane-d4	50.000	49.538	0.9	108	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	94	0.00
35	S	Dibromofluoromethane	50.000	50.202	-0.4	97	-0.01
36	T	1,1-Dichloropropene	50.000	50.500	-1.0	102	-0.01
37	T	Ethyl Acetate	50.000	65.365	-30.7#	128	-0.01
38	T	Carbon Tetrachloride	50.000	52.111	-4.2	99	0.00
39	T	Methylcyclohexane	50.000	52.596	-5.2	86	0.00
40	TM	Benzene	50.000	51.550	-3.1	102	-0.01
41	T	Methacrylonitrile	50.000	62.805	-25.6#	125	-0.01
42	TM	1,2-Dichloroethane	50.000	56.351	-12.7	116	-0.01
43	T	Isopropyl Acetate	50.000	58.049	-16.1	123	-0.01
44	TM	Trichloroethene	50.000	50.782	-1.6	95	0.00
45	C	1,2-Dichloropropane	50.000	54.615	-9.2#	94	0.00
46	T	Dibromomethane	50.000	56.948	-13.9	98	0.00
47	T	Bromodichloromethane	50.000	53.756	-7.5	95	0.00
48	T	Methyl methacrylate	50.000	55.745	-11.5	97	0.00

Sample Results: **VX048742.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120825\
Data File : VX048742.D
Acq On : 08 Dec 2025 09:20
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 09 04:05:01 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

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	1306.826	-30.7#	115	0.00
50	S	Toluene-d8	50.000	50.480	-1.0	87	0.00
51	T	4-Methyl-2-Pentanone	250.000	291.714	-16.7	96	0.00
52	CM	Toluene	50.000	56.649	-13.3#	93	0.00
53	T	t-1,3-Dichloropropene	50.000	58.445	-16.9	96	0.00
54	T	cis-1,3-Dichloropropene	50.000	57.439	-14.9	95	0.00
55	T	1,1,2-Trichloroethane	50.000	57.331	-14.7	97	0.00
56	T	Ethyl methacrylate	50.000	61.034	-22.1	97	0.00
57	T	1,3-Dichloropropane	50.000	56.709	-13.4	96	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	322.382	-29.0#	101	0.00
59	T	2-Hexanone	250.000	300.030	-20.0	95	0.00
60	T	Dibromochloromethane	50.000	58.148	-16.3	98	0.00
61	T	1,2-Dibromoethane	50.000	57.930	-15.9	97	0.00
62	S	4-Bromofluorobenzene	50.000	54.070	-8.1	92	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	93	0.00
64	T	Tetrachloroethene	50.000	47.307	5.4	91	0.00
65	PM	Chlorobenzene	50.000	50.555	-1.1	95	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	50.988	-2.0	98	0.00
67	C	Ethyl Benzene	50.000	51.315	-2.6#	90	0.00
68	T	m/p-Xylenes	100.000	102.029	-2.0	92	0.00
69	T	o-Xylene	50.000	53.228	-6.5	95	0.00
70	T	Styrene	50.000	53.795	-7.6	96	0.00
71	P	Bromoform	50.000	53.817	-7.6	107	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	97	0.00
73	T	Isopropylbenzene	50.000	51.202	-2.4	92	0.00
74	T	N-amyl acetate	50.000	56.266	-12.5	92	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	53.631	-7.3	100	0.00
76	T	1,2,3-Trichloropropane	50.000	53.696	-7.4	101	0.00
77	T	Bromobenzene	50.000	51.496	-3.0	101	0.00
78	T	n-propylbenzene	50.000	51.357	-2.7	90	0.00
79	T	2-Chlorotoluene	50.000	50.915	-1.8	93	0.00
80	T	1,3,5-Trimethylbenzene	50.000	51.805	-3.6	94	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	56.240	-12.5	103	0.00
82	T	4-Chlorotoluene	50.000	51.705	-3.4	93	0.00
83	T	tert-Butylbenzene	50.000	50.861	-1.7	94	0.00
84	T	1,2,4-Trimethylbenzene	50.000	52.241	-4.5	95	0.00
85	T	sec-Butylbenzene	50.000	51.082	-2.2	92	0.00
86	T	p-Isopropyltoluene	50.000	51.886	-3.8	94	0.00
87	T	1,3-Dichlorobenzene	50.000	51.109	-2.2	100	0.00
88	T	1,4-Dichlorobenzene	50.000	50.109	-0.2	100	0.00
89	T	n-Butylbenzene	50.000	49.922	0.2	91	0.00
90	T	Hexachloroethane	50.000	48.028	3.9	95	0.00
91	T	1,2-Dichlorobenzene	50.000	50.899	-1.8	100	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	51.605	-3.2	103	0.00
93	T	1,2,4-Trichlorobenzene	50.000	51.512	-3.0	106	0.00
94	T	Hexachlorobutadiene	50.000	47.962	4.1	104	0.00
95	T	Naphthalene	50.000	56.250	-12.5	107	0.00

Sample Results: **VX048742.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120825\
Data File : VX048742.D
Acq On : 08 Dec 2025 09:20
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 09 04:05:01 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

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	54.305	-8.6	111	0.00

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

Raw Data: **VX048768.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.: Q3788
Instrument ID: MSVOA_X
Calibration Date/Time: 12/09/2025 09:25
Lab File ID: VX048768.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	0.718		4.82	20
1,1-Dichloroethene	0.581	0.595		2.41	20
1,1-Dichloroethane	1.016	1.161	0.1	14.27	20
cis-1,2-Dichloroethene	0.669	0.735		9.86	20
1,1,1-Trichloroethane	0.975	1.040		6.67	20
Benzene	1.398	1.504		7.58	20
1,2-Dichloroethane	0.495	0.553		11.72	20
Trichloroethene	0.365	0.371		1.64	20
1,1,2-Trichloroethane	0.339	0.372		9.73	20
Tetrachloroethene	0.364	0.350		-3.85	20
1,2-Dichloroethane-d4	0.671	0.650		-3.13	20
Dibromofluoromethane	0.344	0.312		-9.3	20
Toluene-d8	1.207	1.097		-9.11	20
4-Bromofluorobenzene	0.416	0.390		-6.25	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\VX120925\
Data File : VX048768.D
Acq On : 09 Dec 2025 09:25
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 10 00:12:21 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

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.532	168	159019	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.739	114	262535	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	233121	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.000	152	116263	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.928	65	103325	48.411	ug/l	-0.01
Spiked Amount 50.000	Range 78 - 117		Recovery = 96.820%			
35) Dibromofluoromethane	5.361	113	81924	45.321	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery = 90.640%			
50) Toluene-d8	8.629	98	288105	45.468	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 90.940%#			
62) 4-Bromofluorobenzene	11.061	95	102460	46.893	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.780%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	105188	64.922	ug/l	98
3) Chloromethane	1.301	50	109321	53.469	ug/l	99
4) Vinyl Chloride	1.380	62	114254	52.471	ug/l	99
5) Bromomethane	1.611	94	74485	55.353	ug/l	96
6) Chloroethane	1.697	64	68710	50.701	ug/l	100
7) Trichlorofluoromethane	1.898	101	166880	53.474	ug/l	95
8) Diethyl Ether	2.130	74	65744	52.780	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.337	101	96372	53.268	ug/l	99
10) Methyl Iodide	2.453	142	135545	52.625	ug/l	99
11) Tert butyl alcohol	2.934	59	95691	277.698	ug/l	99
12) 1,1-Dichloroethene	2.325	96	94538	51.197	ug/l	98
13) Acrolein	2.233	56	108478	313.834	ug/l	99
14) Allyl chloride	2.660	41	179237	57.815	ug/l	98
15) Acrylonitrile	3.050	53	326098	303.711	ug/l	100
16) Acetone	2.367	43	311443	381.173	ug/l	100
17) Carbon Disulfide	2.514	76	272443	50.806	ug/l	98
18) Methyl Acetate	2.691	43	143330	62.347	ug/l	98
19) Methyl tert-butyl Ether	3.099	73	340215	56.613	ug/l	99
20) Methylene Chloride	2.788	84	106975	52.380	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	99986	53.054	ug/l	98
22) Diisopropyl ether	3.739	45	355707	61.392	ug/l	88
23) Vinyl Acetate	3.703	43	1594758	327.571	ug/l	97
24) 1,1-Dichloroethane	3.599	63	184632	57.144	ug/l	98
25) 2-Butanone	4.526	43	419918	348.217	ug/l	94
26) 2,2-Dichloropropane	4.459	77	158969	55.605	ug/l	99
27) cis-1,2-Dichloroethene	4.471	96	116810	54.926	ug/l	92
28) Bromochloromethane	4.873	49	79357	50.110	ug/l	82
29) Tetrahydrofuran	4.971	42	279835	303.903	ug/l	93
30) Chloroform	5.068	83	189898	54.852	ug/l	98
31) Cyclohexane	5.452	56	155023	53.740	ug/l	95
32) 1,1,1-Trichloroethane	5.361	97	165423	53.328	ug/l	96
36) 1,1-Dichloropropene	5.672	75	128099	51.739	ug/l	97
37) Ethyl Acetate	4.684	43	189075	63.912	ug/l	98
38) Carbon Tetrachloride	5.660	117	143493	51.167	ug/l	97
39) Methylcyclohexane	7.360	83	155487	53.111	ug/l	98
40) Benzene	6.013	78	394766	53.786	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120925\
Data File : VX048768.D
Acq On : 09 Dec 2025 09:25
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 10 00:12:21 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

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.891	41	86618	64.350	ug/l		94
42) 1,2-Dichloroethane	6.062	62	145142	55.872	ug/l		98
43) Isopropyl Acetate	6.312	43	265790	59.333	ug/l		96
44) Trichloroethene	7.104	130	97497	50.910	ug/l		96
45) 1,2-Dichloropropane	7.409	63	99262	54.110	ug/l		97
46) Dibromomethane	7.562	93	74909	53.847	ug/l		97
47) Bromodichloromethane	7.799	83	154892	53.404	ug/l		98
48) Methyl methacrylate	7.671	41	130232	57.793	ug/l		97
49) 1,4-Dioxane	7.641	88	31719	1023.467	ug/l		99
51) 4-Methyl-2-Pentanone	8.549	43	850583	305.908	ug/l		98
52) Toluene	8.702	92	240266	54.287	ug/l		98
53) t-1,3-Dichloropropene	8.958	75	159230	57.707	ug/l		100
54) cis-1,3-Dichloropropene	8.348	75	166376	56.105	ug/l		97
55) 1,1,2-Trichloroethane	9.128	97	97564	54.788	ug/l		98
56) Ethyl methacrylate	9.098	69	164590	59.049	ug/l		96
57) 1,3-Dichloropropane	9.287	76	165440	55.872	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.220	63	432343	286.984	ug/l		96
59) 2-Hexanone	9.409	43	626090	320.765	ug/l		98
60) Dibromochloromethane	9.500	129	118881	53.988	ug/l		100
61) 1,2-Dibromoethane	9.592	107	105366	54.670	ug/l		100
64) Tetrachloroethene	9.256	164	81652	48.052	ug/l		97
65) Chlorobenzene	10.061	112	265192	51.970	ug/l		96
66) 1,1,1,2-Tetrachloroethane	10.140	131	94282	51.658	ug/l		99
67) Ethyl Benzene	10.177	91	457682	54.966	ug/l		99
68) m/p-Xylenes	10.281	106	347373	107.098	ug/l		99
69) o-Xylene	10.622	106	166003	54.618	ug/l		98
70) Styrene	10.634	104	286600	54.929	ug/l		100
71) Bromoform	10.781	173	84285	51.727	ug/l	#	100
73) Isopropylbenzene	10.945	105	434737	55.488	ug/l		99
74) N-amyl acetate	10.823	43	222309	65.304	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.195	83	149871	56.692	ug/l		99
76) 1,2,3-Trichloropropane	11.220	75	124812m	57.638	ug/l		
77) Bromobenzene	11.177	156	108618	51.942	ug/l		99
78) n-propylbenzene	11.287	91	511543	56.374	ug/l		100
79) 2-Chlorotoluene	11.348	91	306085	55.317	ug/l		99
80) 1,3,5-Trimethylbenzene	11.433	105	354003	54.969	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.000	75	54261	59.522	ug/l		91
82) 4-Chlorotoluene	11.433	91	357246	55.326	ug/l		100
83) tert-Butylbenzene	11.695	119	354930	53.041	ug/l		98
84) 1,2,4-Trimethylbenzene	11.732	105	359963	55.411	ug/l		99
85) sec-Butylbenzene	11.872	105	442496	54.564	ug/l		100
86) p-Isopropyltoluene	11.988	119	377118	54.402	ug/l		99
87) 1,3-Dichlorobenzene	11.951	146	200425	51.991	ug/l		99
88) 1,4-Dichlorobenzene	12.018	146	204771	51.402	ug/l		99
89) n-Butylbenzene	12.311	91	355716	54.807	ug/l		98
90) Hexachloroethane	12.518	117	70433	49.783	ug/l		100
91) 1,2-Dichlorobenzene	12.317	146	190549	50.984	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.920	75	33778	52.501	ug/l		97
93) 1,2,4-Trichlorobenzene	13.567	180	122522	49.636	ug/l		98
94) Hexachlorobutadiene	13.707	225	49036	48.026	ug/l		96
95) Naphthalene	13.756	128	411042	57.252	ug/l		100
96) 1,2,3-Trichlorobenzene	13.939	180	115160	50.588	ug/l		99

Sample Results: **VX048768.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120925\
Data File : VX048768.D
Acq On : 09 Dec 2025 09:25
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 10 00:12:21 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

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025

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

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

Sample Results: **VX048768.D**

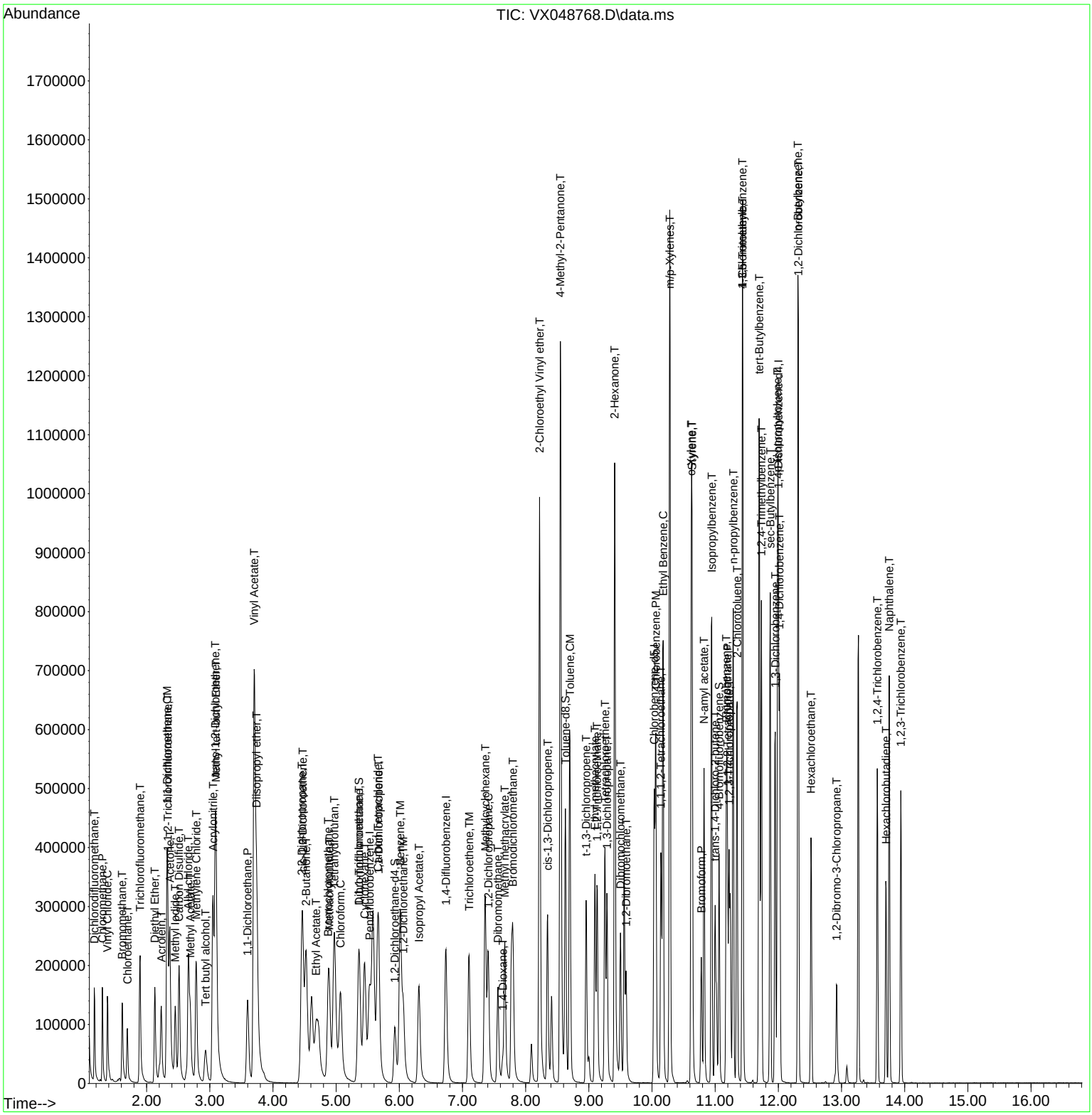
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120925\
Data File : VX048768.D
Acq On : 09 Dec 2025 09:25
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 10 00:12:21 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

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025



Sample Results: **VX048768.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120925\
Data File : VX048768.D
Acq On : 09 Dec 2025 09:25
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 10 00:12:21 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

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	85	0.00
2	T	Dichlorodifluoromethane	0.509	0.661	-29.9#	99	0.00
3	P	Chloromethane	0.643	0.687	-6.8	91	0.00
4	C	Vinyl Chloride	0.685	0.718	-4.8#	86	0.00
5	T	Bromomethane	0.423	0.468	-10.6	85	0.00
6	T	Chloroethane	0.426	0.432	-1.4	86	0.00
7	T	Trichlorofluoromethane	0.981	1.049	-6.9	87	0.00
8	T	Diethyl Ether	0.392	0.413	-5.4	93	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.569	0.606	-6.5	87	0.00
10	T	Methyl Iodide	0.810	0.852	-5.2	84	0.00
11	T	Tert butyl alcohol	0.108	0.120	-11.1	89	0.00
12	CM	1,1-Dichloroethene	0.581	0.595	-2.4#	84	0.00
13	T	Acrolein	0.091	0.136	-49.5#	136	0.00
14	T	Allyl chloride	0.975	1.127	-15.6	89	0.00
15	T	Acrylonitrile	0.338	0.410	-21.3	95	0.00
16	T	Acetone	0.257	0.392	-52.5#	135	0.00
17	T	Carbon Disulfide	1.686	1.713	-1.6	82	0.00
18	T	Methyl Acetate	0.723	0.901	-24.6	99	0.00
19	T	Methyl tert-butyl Ether	1.890	2.139	-13.2	91	0.00
20	T	Methylene Chloride	0.642	0.673	-4.8	88	0.00
21	T	trans-1,2-Dichloroethene	0.593	0.629	-6.1	86	0.00
22	T	Diisopropyl ether	1.822	2.237	-22.8	122	-0.01
23	T	Vinyl Acetate	1.531	2.006	-31.0#	124	-0.01
24	P	1,1-Dichloroethane	1.016	1.161	-14.3	109	0.00
25	T	2-Butanone	0.379	0.528	-39.3#	133	-0.01
26	T	2,2-Dichloropropane	0.899	1.000	-11.2	103	-0.01
27	T	cis-1,2-Dichloroethene	0.669	0.735	-9.9	100	-0.01
28	T	Bromochloromethane	0.498	0.499	-0.2	102	-0.01
29	T	Tetrahydrofuran	0.290	0.352	-21.4	121	-0.01
30	C	Chloroform	1.089	1.194	-9.6#	104	-0.01
31	T	Cyclohexane	0.907	0.975	-7.5	104	-0.01
32	T	1,1,1-Trichloroethane	0.975	1.040	-6.7	97	0.00
33	S	1,2-Dichloroethane-d4	0.671	0.650	3.1	96	-0.01
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	91	0.00
35	S	Dibromofluoromethane	0.344	0.312	9.3	85	-0.01
36	T	1,1-Dichloropropene	0.472	0.488	-3.4	101	-0.01
37	T	Ethyl Acetate	0.563	0.720	-27.9#	121	-0.01
38	T	Carbon Tetrachloride	0.534	0.547	-2.4	94	0.00
39	T	Methylcyclohexane	0.558	0.592	-6.1	84	0.00
40	TM	Benzene	1.398	1.504	-7.6	103	-0.01
41	T	Methacrylonitrile	0.256	0.330	-28.9#	124	-0.01
42	TM	1,2-Dichloroethane	0.495	0.553	-11.7	111	-0.01
43	T	Isopropyl Acetate	0.853	1.012	-18.6	122	-0.01
44	TM	Trichloroethene	0.365	0.371	-1.6	92	0.00
45	C	1,2-Dichloropropane	0.349	0.378	-8.3#	90	0.00
46	T	Dibromomethane	0.265	0.285	-7.5	90	0.00
47	T	Bromodichloromethane	0.552	0.590	-6.9	91	0.00
48	T	Methyl methacrylate	0.429	0.496	-15.6	97	0.00

Sample Results: **VX048768.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120925\
Data File : VX048768.D
Acq On : 09 Dec 2025 09:25
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 10 00:12:21 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

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	87	0.00
50	S	Toluene-d8	1.207	1.097	9.1	76	0.00
51	T	4-Methyl-2-Pentanone	0.530	0.648	-22.3	97	0.00
52	CM	Toluene	0.843	0.915	-8.5#	86	0.00
53	T	t-1,3-Dichloropropene	0.526	0.607	-15.4	92	0.00
54	T	cis-1,3-Dichloropropene	0.565	0.634	-12.2	89	0.00
55	T	1,1,2-Trichloroethane	0.339	0.372	-9.7	89	0.00
56	T	Ethyl methacrylate	0.531	0.627	-18.1	91	0.00
57	T	1,3-Dichloropropane	0.564	0.630	-11.7	91	0.00
58	T	2-Chloroethyl Vinyl ether	0.287	0.329	-14.6	87	0.00
59	T	2-Hexanone	0.372	0.477	-28.2#	98	0.00
60	T	Dibromochloromethane	0.419	0.453	-8.1	88	0.00
61	T	1,2-Dibromoethane	0.367	0.401	-9.3	89	0.00
62	S	4-Bromofluorobenzene	0.416	0.390	6.2	77	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	84	0.00
64	T	Tetrachloroethene	0.364	0.350	3.8	83	0.00
65	PM	Chlorobenzene	1.094	1.138	-4.0	87	0.00
66	T	1,1,1,2-Tetrachloroethane	0.391	0.404	-3.3	89	0.00
67	C	Ethyl Benzene	1.786	1.963	-9.9#	87	0.00
68	T	m/p-Xylenes	0.696	0.745	-7.0	87	0.00
69	T	o-Xylene	0.652	0.712	-9.2	88	0.00
70	T	Styrene	1.119	1.229	-9.8	88	0.00
71	P	Bromoform	0.349	0.362	-3.7	92	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	85	0.00
73	T	Isopropylbenzene	3.369	3.739	-11.0	88	0.00
74	T	N-amyl acetate	1.464	1.912	-30.6#	94	0.00
75	P	1,1,2,2-Tetrachloroethane	1.137	1.289	-13.4	93	0.00
76	T	1,2,3-Trichloropropane	0.931	1.074	-15.4	95	0.00
77	T	Bromobenzene	0.899	0.934	-3.9	90	0.00
78	T	n-propylbenzene	3.902	4.400	-12.8	87	0.00
79	T	2-Chlorotoluene	2.380	2.633	-10.6	89	0.00
80	T	1,3,5-Trimethylbenzene	2.770	3.045	-9.9	88	0.00
81	T	trans-1,4-Dichloro-2-butene	0.392	0.467	-19.1	96	0.00
82	T	4-Chlorotoluene	2.777	3.073	-10.7	88	0.00
83	T	tert-Butylbenzene	2.878	3.053	-6.1	86	0.00
84	T	1,2,4-Trimethylbenzene	2.794	3.096	-10.8	88	0.00
85	T	sec-Butylbenzene	3.488	3.806	-9.1	86	0.00
86	T	p-Isopropyltoluene	2.981	3.244	-8.8	87	0.00
87	T	1,3-Dichlorobenzene	1.658	1.724	-4.0	89	0.00
88	T	1,4-Dichlorobenzene	1.713	1.761	-2.8	90	0.00
89	T	n-Butylbenzene	2.791	3.060	-9.6	88	0.00
90	T	Hexachloroethane	0.608	0.606	0.3	87	0.00
91	T	1,2-Dichlorobenzene	1.607	1.639	-2.0	88	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.277	0.291	-5.1	92	0.00
93	T	1,2,4-Trichlorobenzene	1.062	1.054	0.8	90	0.00
94	T	Hexachlorobutadiene	0.439	0.422	3.9	91	0.00
95	T	Naphthalene	3.187	3.535	-10.9	96	0.00

Sample Results: **VX048768.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120925\
Data File : VX048768.D
Acq On : 09 Dec 2025 09:25
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 10 00:12:21 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

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	0.991	-1.2	91	0.00

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

Evaluate Continuing Calibration Report

Sample Results: **VX048768.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120925\
Data File : VX048768.D
Acq On : 09 Dec 2025 09:25
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 10 00:12:21 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

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	85	0.00
2	T	Dichlorodifluoromethane	50.000	64.922	-29.8#	99	0.00
3	P	Chloromethane	50.000	53.469	-6.9	91	0.00
4	C	Vinyl Chloride	50.000	52.471	-4.9#	86	0.00
5	T	Bromomethane	50.000	55.353	-10.7	85	0.00
6	T	Chloroethane	50.000	50.701	-1.4	86	0.00
7	T	Trichlorofluoromethane	50.000	53.474	-6.9	87	0.00
8	T	Diethyl Ether	50.000	52.780	-5.6	93	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	53.268	-6.5	87	0.00
10	T	Methyl Iodide	50.000	52.625	-5.3	84	0.00
11	T	Tert butyl alcohol	250.000	277.698	-11.1	89	0.00
12	CM	1,1-Dichloroethene	50.000	51.197	-2.4#	84	0.00
13	T	Acrolein	250.000	313.834	-25.5#	136	0.00
14	T	Allyl chloride	50.000	57.815	-15.6	89	0.00
15	T	Acrylonitrile	250.000	303.711	-21.5	95	0.00
16	T	Acetone	250.000	381.173	-52.5#	135	0.00
17	T	Carbon Disulfide	50.000	50.806	-1.6	82	0.00
18	T	Methyl Acetate	50.000	62.347	-24.7	99	0.00
19	T	Methyl tert-butyl Ether	50.000	56.613	-13.2	91	0.00
20	T	Methylene Chloride	50.000	52.380	-4.8	88	0.00
21	T	trans-1,2-Dichloroethene	50.000	53.054	-6.1	86	0.00
22	T	Diisopropyl ether	50.000	61.392	-22.8	122	-0.01
23	T	Vinyl Acetate	250.000	327.571	-31.0#	124	-0.01
24	P	1,1-Dichloroethane	50.000	57.144	-14.3	109	0.00
25	T	2-Butanone	250.000	348.217	-39.3#	133	-0.01
26	T	2,2-Dichloropropane	50.000	55.605	-11.2	103	-0.01
27	T	cis-1,2-Dichloroethene	50.000	54.926	-9.9	100	-0.01
28	T	Bromochloromethane	50.000	50.110	-0.2	102	-0.01
29	T	Tetrahydrofuran	250.000	303.903	-21.6	121	-0.01
30	C	Chloroform	50.000	54.852	-9.7#	104	-0.01
31	T	Cyclohexane	50.000	53.740	-7.5	104	-0.01
32	T	1,1,1-Trichloroethane	50.000	53.328	-6.7	97	0.00
33	S	1,2-Dichloroethane-d4	50.000	48.411	3.2	96	-0.01
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	91	0.00
35	S	Dibromofluoromethane	50.000	45.321	9.4	85	-0.01
36	T	1,1-Dichloropropene	50.000	51.739	-3.5	101	-0.01
37	T	Ethyl Acetate	50.000	63.912	-27.8#	121	-0.01
38	T	Carbon Tetrachloride	50.000	51.167	-2.3	94	0.00
39	T	Methylcyclohexane	50.000	53.111	-6.2	84	0.00
40	TM	Benzene	50.000	53.786	-7.6	103	-0.01
41	T	Methacrylonitrile	50.000	64.350	-28.7#	124	-0.01
42	TM	1,2-Dichloroethane	50.000	55.872	-11.7	111	-0.01
43	T	Isopropyl Acetate	50.000	59.333	-18.7	122	-0.01
44	TM	Trichloroethene	50.000	50.910	-1.8	92	0.00
45	C	1,2-Dichloropropane	50.000	54.110	-8.2#	90	0.00
46	T	Dibromomethane	50.000	53.847	-7.7	90	0.00
47	T	Bromodichloromethane	50.000	53.404	-6.8	91	0.00
48	T	Methyl methacrylate	50.000	57.793	-15.6	97	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120925\
Data File : VX048768.D
Acq On : 09 Dec 2025 09:25
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 10 00:12:21 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

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	1023.467	-2.3	87	0.00
50	S	Toluene-d8	50.000	45.468	9.1	76	0.00
51	T	4-Methyl-2-Pentanone	250.000	305.908	-22.4	97	0.00
52	CM	Toluene	50.000	54.287	-8.6#	86	0.00
53	T	t-1,3-Dichloropropene	50.000	57.707	-15.4	92	0.00
54	T	cis-1,3-Dichloropropene	50.000	56.105	-12.2	89	0.00
55	T	1,1,2-Trichloroethane	50.000	54.788	-9.6	89	0.00
56	T	Ethyl methacrylate	50.000	59.049	-18.1	91	0.00
57	T	1,3-Dichloropropane	50.000	55.872	-11.7	91	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	286.984	-14.8	87	0.00
59	T	2-Hexanone	250.000	320.765	-28.3#	98	0.00
60	T	Dibromochloromethane	50.000	53.988	-8.0	88	0.00
61	T	1,2-Dibromoethane	50.000	54.670	-9.3	89	0.00
62	S	4-Bromofluorobenzene	50.000	46.893	6.2	77	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	84	0.00
64	T	Tetrachloroethene	50.000	48.052	3.9	83	0.00
65	PM	Chlorobenzene	50.000	51.970	-3.9	87	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	51.658	-3.3	89	0.00
67	C	Ethyl Benzene	50.000	54.966	-9.9#	87	0.00
68	T	m/p-Xylenes	100.000	107.098	-7.1	87	0.00
69	T	o-Xylene	50.000	54.618	-9.2	88	0.00
70	T	Styrene	50.000	54.929	-9.9	88	0.00
71	P	Bromoform	50.000	51.727	-3.5	92	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	85	0.00
73	T	Isopropylbenzene	50.000	55.488	-11.0	88	0.00
74	T	N-amyl acetate	50.000	65.304	-30.6#	94	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	56.692	-13.4	93	0.00
76	T	1,2,3-Trichloropropane	50.000	57.638	-15.3	95	0.00
77	T	Bromobenzene	50.000	51.942	-3.9	90	0.00
78	T	n-propylbenzene	50.000	56.374	-12.7	87	0.00
79	T	2-Chlorotoluene	50.000	55.317	-10.6	89	0.00
80	T	1,3,5-Trimethylbenzene	50.000	54.969	-9.9	88	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	59.522	-19.0	96	0.00
82	T	4-Chlorotoluene	50.000	55.326	-10.7	88	0.00
83	T	tert-Butylbenzene	50.000	53.041	-6.1	86	0.00
84	T	1,2,4-Trimethylbenzene	50.000	55.411	-10.8	88	0.00
85	T	sec-Butylbenzene	50.000	54.564	-9.1	86	0.00
86	T	p-Isopropyltoluene	50.000	54.402	-8.8	87	0.00
87	T	1,3-Dichlorobenzene	50.000	51.991	-4.0	89	0.00
88	T	1,4-Dichlorobenzene	50.000	51.402	-2.8	90	0.00
89	T	n-Butylbenzene	50.000	54.807	-9.6	88	0.00
90	T	Hexachloroethane	50.000	49.783	0.4	87	0.00
91	T	1,2-Dichlorobenzene	50.000	50.984	-2.0	88	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	52.501	-5.0	92	0.00
93	T	1,2,4-Trichlorobenzene	50.000	49.636	0.7	90	0.00
94	T	Hexachlorobutadiene	50.000	48.026	3.9	91	0.00
95	T	Naphthalene	50.000	57.252	-14.5	96	0.00

Sample Results: **VX048768.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120925\
Data File : VX048768.D
Acq On : 09 Dec 2025 09:25
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 10 00:12:21 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

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.588	-1.2	91	0.00

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

Raw Data: **VX048796.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.: Q3788
Instrument ID: MSVOA_X
Calibration Date/Time: 12/10/2025 09:40
Lab File ID: VX048796.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	0.681		-0.58	20
1,1-Dichloroethene	0.581	0.572		-1.55	20
1,1-Dichloroethane	1.016	1.144	0.1	12.6	20
cis-1,2-Dichloroethene	0.669	0.730		9.12	20
1,1,1-Trichloroethane	0.975	0.987		1.23	20
Benzene	1.398	1.437		2.79	20
1,2-Dichloroethane	0.495	0.519		4.85	20
Trichloroethene	0.365	0.361		-1.1	20
1,1,2-Trichloroethane	0.339	0.360		6.2	20
Tetrachloroethene	0.364	0.330		-9.34	20
1,2-Dichloroethane-d4	0.671	0.723		7.75	20
Dibromofluoromethane	0.344	0.350		1.74	20
Toluene-d8	1.207	1.174		-2.73	20
4-Bromofluorobenzene	0.416	0.429		3.13	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\VX121025\
Data File : VX048796.D
Acq On : 10 Dec 2025 09:40
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 11 00:17:10 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 12/11/2025
Supervised By :Semsettin Yesilyurt 12/11/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.531	168	164636	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.738	114	275167	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	243543	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.000	152	117430	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	119067	53.883	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.760%			
35) Dibromofluoromethane	5.367	113	96249	50.801	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.600%			
50) Toluene-d8	8.628	98	322968	48.630	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.260%			
62) 4-Bromofluorobenzene	11.061	95	117923	51.492	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.980%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	104303	62.179	ug/l	99
3) Chloromethane	1.300	50	111505	52.677	ug/l	99
4) Vinyl Chloride	1.380	62	112166	49.755	ug/l	100
5) Bromomethane	1.611	94	74718	53.632	ug/l	99
6) Chloroethane	1.697	64	67271	47.946	ug/l	99
7) Trichlorofluoromethane	1.892	101	157690	48.805	ug/l	95
8) Diethyl Ether	2.129	74	65626	50.888	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.337	101	90609	48.374	ug/l	98
10) Methyl Iodide	2.453	142	138068	51.776	ug/l	100
11) Tert butyl alcohol	2.934	59	102693	287.850	ug/l	100
12) 1,1-Dichloroethene	2.325	96	94115	49.229	ug/l	98
13) Acrolein	2.233	56	88687	256.274	ug/l	100
14) Allyl chloride	2.666	41	179805	56.019	ug/l	99
15) Acrylonitrile	3.050	53	333575	300.075	ug/l	98
16) Acetone	2.367	43	209603	247.780	ug/l	98
17) Carbon Disulfide	2.514	76	263433	47.450	ug/l	99
18) Methyl Acetate	2.690	43	144725	60.806	ug/l	99
19) Methyl tert-butyl Ether	3.099	73	349851	56.230	ug/l	99
20) Methylene Chloride	2.788	84	110575	52.296	ug/l	100
21) trans-1,2-Dichloroethene	3.087	96	100976	51.751	ug/l	97
22) Diisopropyl ether	3.745	45	354358	59.073	ug/l	98
23) Vinyl Acetate	3.708	43	1561747	309.846	ug/l	97
24) 1,1-Dichloroethane	3.599	63	188402	56.321	ug/l	99
25) 2-Butanone	4.531	43	366303	293.394	ug/l	94
26) 2,2-Dichloropropane	4.458	77	153178	51.752	ug/l	99
27) cis-1,2-Dichloroethene	4.471	96	120195	54.589	ug/l	95
28) Bromochloromethane	4.879	49	78851	48.092	ug/l	88
29) Tetrahydrofuran	4.977	42	283266	297.133	ug/l	92
30) Chloroform	5.068	83	191171	53.336	ug/l	98
31) Cyclohexane	5.452	56	139883	46.837	ug/l	95
32) 1,1,1-Trichloroethane	5.367	97	162442	50.581	ug/l	97
36) 1,1-Dichloropropene	5.678	75	116833	45.023	ug/l	100
37) Ethyl Acetate	4.690	43	189539	61.127	ug/l	98
38) Carbon Tetrachloride	5.653	117	139526	47.468	ug/l	92
39) Methylcyclohexane	7.360	83	137752	44.893	ug/l	99
40) Benzene	6.019	78	395438	51.404	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121025\
Data File : VX048796.D
Acq On : 10 Dec 2025 09:40
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 11 00:17:10 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 12/11/2025
Supervised By :Semsettin Yesilyurt 12/11/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.891	41	85071	60.300	ug/l		94
42) 1,2-Dichloroethane	6.068	62	142810	52.451	ug/l		98
43) Isopropyl Acetate	6.312	43	260107	55.399	ug/l		97
44) Trichloroethene	7.104	130	99442	49.542	ug/l		99
45) 1,2-Dichloropropane	7.409	63	100151	52.089	ug/l		99
46) Dibromomethane	7.561	93	75489	51.773	ug/l		99
47) Bromodichloromethane	7.799	83	153021	50.336	ug/l		99
48) Methyl methacrylate	7.671	41	125580	53.170	ug/l		99
49) 1,4-Dioxane	7.635	88	34531	1063.052	ug/l		98
51) 4-Methyl-2-Pentanone	8.555	43	822130	282.102	ug/l		99
52) Toluene	8.701	92	238768	51.472	ug/l		100
53) t-1,3-Dichloropropene	8.957	75	154780	53.519	ug/l		99
54) cis-1,3-Dichloropropene	8.348	75	165618	53.285	ug/l		99
55) 1,1,2-Trichloroethane	9.134	97	99051	53.070	ug/l		97
56) Ethyl methacrylate	9.098	69	164618	56.348	ug/l		98
57) 1,3-Dichloropropane	9.287	76	165579	53.352	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.220	63	440513	278.983	ug/l		99
59) 2-Hexanone	9.409	43	568297	277.790	ug/l		99
60) Dibromochloromethane	9.500	129	120782	52.334	ug/l		99
61) 1,2-Dibromoethane	9.592	107	105455	52.204	ug/l		100
64) Tetrachloroethene	9.256	164	80272	45.218	ug/l		97
65) Chlorobenzene	10.061	112	263964	49.516	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.140	131	95289	49.975	ug/l		99
67) Ethyl Benzene	10.177	91	442138	50.827	ug/l		100
68) m/p-Xylenes	10.280	106	338638	99.937	ug/l		98
69) o-Xylene	10.622	106	164397	51.775	ug/l		99
70) Styrene	10.634	104	285694	52.412	ug/l		99
71) Bromoform	10.780	173	85176	50.037	ug/l	#	99
73) Isopropylbenzene	10.945	105	408359	51.603	ug/l		99
74) N-amyl acetate	10.823	43	209730	60.997	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.195	83	145973	54.669	ug/l		99
76) 1,2,3-Trichloropropane	11.219	75	121242m	55.433	ug/l		
77) Bromobenzene	11.177	156	110799	52.458	ug/l		97
78) n-propylbenzene	11.286	91	483157	52.716	ug/l		100
79) 2-Chlorotoluene	11.347	91	294336	52.665	ug/l		100
80) 1,3,5-Trimethylbenzene	11.433	105	341415	52.487	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.000	75	52883	57.434	ug/l	#	72
82) 4-Chlorotoluene	11.433	91	348301	53.405	ug/l		99
83) tert-Butylbenzene	11.695	119	339730	50.265	ug/l		99
84) 1,2,4-Trimethylbenzene	11.731	105	346969	52.880	ug/l		99
85) sec-Butylbenzene	11.872	105	412391	50.346	ug/l		99
86) p-Isopropyltoluene	11.987	119	354299	50.602	ug/l		100
87) 1,3-Dichlorobenzene	11.951	146	198528	50.987	ug/l		99
88) 1,4-Dichlorobenzene	12.024	146	200162	49.746	ug/l		99
89) n-Butylbenzene	12.311	91	321129	48.986	ug/l		100
90) Hexachloroethane	12.518	117	67328	47.115	ug/l		98
91) 1,2-Dichlorobenzene	12.317	146	189764	50.270	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	33981	52.292	ug/l		98
93) 1,2,4-Trichlorobenzene	13.566	180	125318	50.264	ug/l		99
94) Hexachlorobutadiene	13.707	225	46430	45.022	ug/l		96
95) Naphthalene	13.755	128	417103	57.472	ug/l		100
96) 1,2,3-Trichlorobenzene	13.938	180	115667	50.306	ug/l		98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121025\
Data File : VX048796.D
Acq On : 10 Dec 2025 09:40
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 11 00:17:10 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 12/11/2025
Supervised By :Semsettin Yesilyurt 12/11/2025

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

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

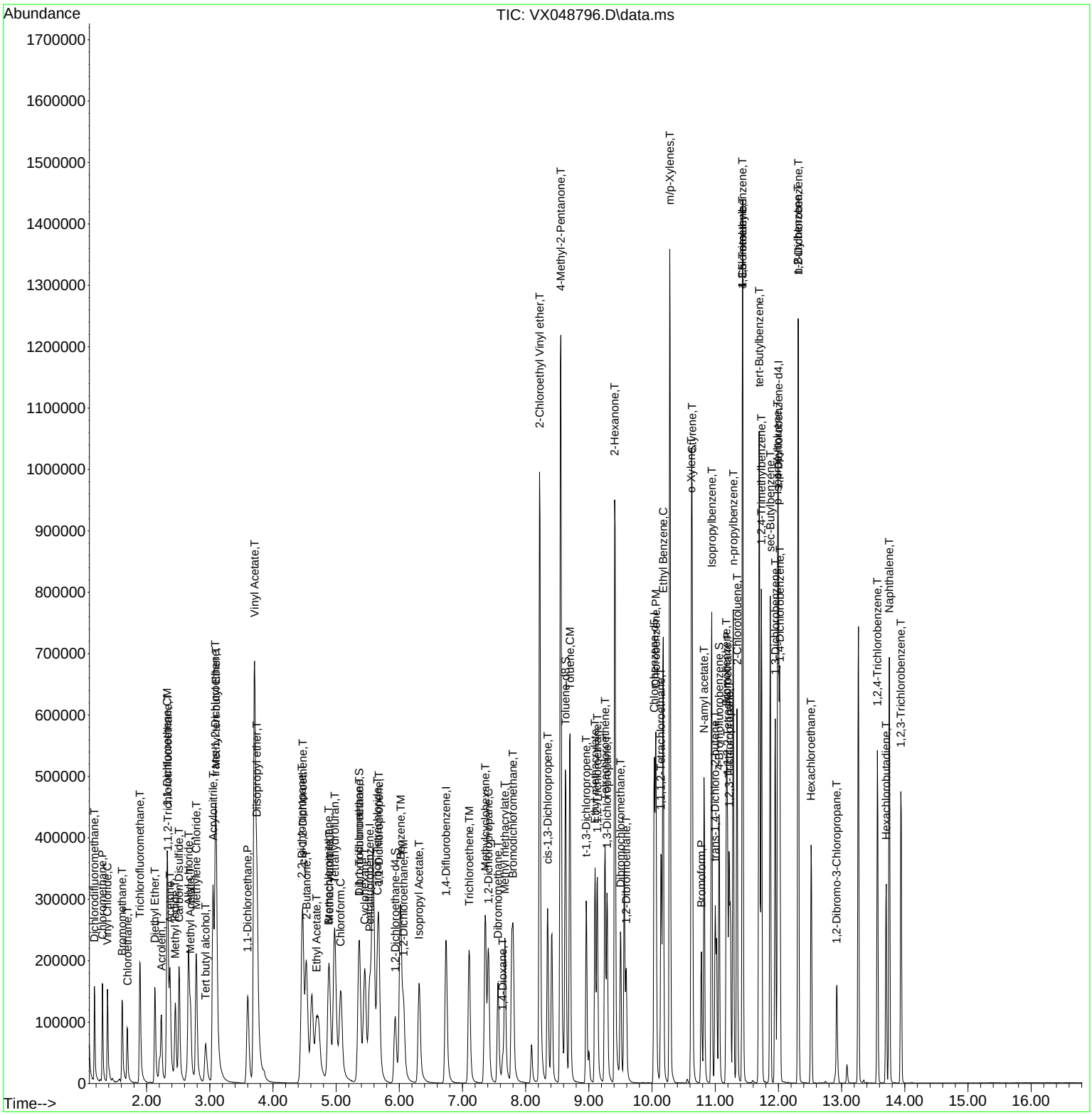
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121025\
Data File : VX048796.D
Acq On : 10 Dec 2025 09:40
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 11 00:17:10 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 12/11/2025
Supervised By :Semsettin Yesilyurt 12/11/2025



Evaluate Continuing Calibration Report

Sample Results: **VX048796.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121025\
Data File : VX048796.D
Acq On : 10 Dec 2025 09:40
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 00:17:10 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	88	0.00
2	T	Dichlorodifluoromethane	0.509	0.634	-24.6	98	0.00
3	P	Chloromethane	0.643	0.677	-5.3	93	0.00
4	C	Vinyl Chloride	0.685	0.681	0.6#	85	0.00
5	T	Bromomethane	0.423	0.454	-7.3	86	0.00
6	T	Chloroethane	0.426	0.409	4.0	85	0.00
7	T	Trichlorofluoromethane	0.981	0.958	2.3	82	0.00
8	T	Diethyl Ether	0.392	0.399	-1.8	93	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.569	0.550	3.3	81	0.00
10	T	Methyl Iodide	0.810	0.839	-3.6	86	0.00
11	T	Tert butyl alcohol	0.108	0.125	-15.7	96	0.00
12	CM	1,1-Dichloroethene	0.581	0.572	1.5#	84	0.00
13	T	Acrolein	0.091	0.108	-18.7	111	0.00
14	T	Allyl chloride	0.975	1.092	-12.0	90	0.00
15	T	Acrylonitrile	0.338	0.405	-19.8	97	0.00
16	T	Acetone	0.257	0.255	0.8	91	0.00
17	T	Carbon Disulfide	1.686	1.600	5.1	80	0.00
18	T	Methyl Acetate	0.723	0.879	-21.6	100	0.00
19	T	Methyl tert-butyl Ether	1.890	2.125	-12.4	94	0.00
20	T	Methylene Chloride	0.642	0.672	-4.7	91	0.00
21	T	trans-1,2-Dichloroethene	0.593	0.613	-3.4	86	0.00
22	T	Diisopropyl ether	1.822	2.152	-18.1	121	0.00
23	T	Vinyl Acetate	1.531	1.897	-23.9	121	0.00
24	P	1,1-Dichloroethane	1.016	1.144	-12.6	111	0.00
25	T	2-Butanone	0.379	0.445	-17.4	116	0.00
26	T	2,2-Dichloropropane	0.899	0.930	-3.4	99	-0.01
27	T	cis-1,2-Dichloroethene	0.669	0.730	-9.1	103	-0.01
28	T	Bromochloromethane	0.498	0.479	3.8	101	0.00
29	T	Tetrahydrofuran	0.290	0.344	-18.6	122	0.00
30	C	Chloroform	1.089	1.161	-6.6#	104	-0.01
31	T	Cyclohexane	0.907	0.850	6.3	94	-0.01
32	T	1,1,1-Trichloroethane	0.975	0.987	-1.2	95	0.00
33	S	1,2-Dichloroethane-d4	0.671	0.723	-7.7	110	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	95	0.00
35	S	Dibromofluoromethane	0.344	0.350	-1.7	100	0.00
36	T	1,1-Dichloropropene	0.472	0.425	10.0	92	0.00
37	T	Ethyl Acetate	0.563	0.689	-22.4	121	0.00
38	T	Carbon Tetrachloride	0.534	0.507	5.1	91	-0.01
39	T	Methylcyclohexane	0.558	0.501	10.2	74	0.00
40	TM	Benzene	1.398	1.437	-2.8	103	0.00
41	T	Methacrylonitrile	0.256	0.309	-20.7	121	-0.01
42	TM	1,2-Dichloroethane	0.495	0.519	-4.8	109	0.00
43	T	Isopropyl Acetate	0.853	0.945	-10.8	119	-0.01
44	TM	Trichloroethene	0.365	0.361	1.1	94	0.00
45	C	1,2-Dichloropropane	0.349	0.364	-4.3#	90	0.00
46	T	Dibromomethane	0.265	0.274	-3.4	90	0.00
47	T	Bromodichloromethane	0.552	0.556	-0.7	90	0.00
48	T	Methyl methacrylate	0.429	0.456	-6.3	93	0.00

Sample Results: **VX048796.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121025\
Data File : VX048796.D
Acq On : 10 Dec 2025 09:40
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 00:17:10 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	95	0.00
50	S	Toluene-d8	1.207	1.174	2.7	85	0.00
51	T	4-Methyl-2-Pentanone	0.530	0.598	-12.8	94	0.00
52	CM	Toluene	0.843	0.868	-3.0#	86	0.00
53	T	t-1,3-Dichloropropene	0.526	0.562	-6.8	89	0.00
54	T	cis-1,3-Dichloropropene	0.565	0.602	-6.5	89	0.00
55	T	1,1,2-Trichloroethane	0.339	0.360	-6.2	91	0.00
56	T	Ethyl methacrylate	0.531	0.598	-12.6	91	0.00
57	T	1,3-Dichloropropane	0.564	0.602	-6.7	91	0.00
58	T	2-Chloroethyl Vinyl ether	0.287	0.320	-11.5	89	0.00
59	T	2-Hexanone	0.372	0.413	-11.0	89	0.00
60	T	Dibromochloromethane	0.419	0.439	-4.8	89	0.00
61	T	1,2-Dibromoethane	0.367	0.383	-4.4	89	0.00
62	S	4-Bromofluorobenzene	0.416	0.429	-3.1	89	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	87	0.00
64	T	Tetrachloroethene	0.364	0.330	9.3	82	0.00
65	PM	Chlorobenzene	1.094	1.084	0.9	87	0.00
66	T	1,1,1,2-Tetrachloroethane	0.391	0.391	0.0	90	0.00
67	C	Ethyl Benzene	1.786	1.815	-1.6#	84	0.00
68	T	m/p-Xylenes	0.696	0.695	0.1	85	0.00
69	T	o-Xylene	0.652	0.675	-3.5	87	0.00
70	T	Styrene	1.119	1.173	-4.8	88	0.00
71	P	Bromoform	0.349	0.350	-0.3	93	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	86	0.00
73	T	Isopropylbenzene	3.369	3.477	-3.2	82	0.00
74	T	N-amyl acetate	1.464	1.786	-22.0	88	0.00
75	P	1,1,2,2-Tetrachloroethane	1.137	1.243	-9.3	91	0.00
76	T	1,2,3-Trichloropropane	0.931	1.032	-10.8	93	0.00
77	T	Bromobenzene	0.899	0.944	-5.0	92	0.00
78	T	n-propylbenzene	3.902	4.114	-5.4	82	0.00
79	T	2-Chlorotoluene	2.380	2.506	-5.3	86	0.00
80	T	1,3,5-Trimethylbenzene	2.770	2.907	-4.9	85	0.00
81	T	trans-1,4-Dichloro-2-butene	0.392	0.450	-14.8	93	0.00
82	T	4-Chlorotoluene	2.777	2.966	-6.8	86	0.00
83	T	tert-Butylbenzene	2.878	2.893	-0.5	82	0.00
84	T	1,2,4-Trimethylbenzene	2.794	2.955	-5.8	85	0.00
85	T	sec-Butylbenzene	3.488	3.512	-0.7	80	0.00
86	T	p-Isopropyltoluene	2.981	3.017	-1.2	82	0.00
87	T	1,3-Dichlorobenzene	1.658	1.691	-2.0	88	0.00
88	T	1,4-Dichlorobenzene	1.713	1.705	0.5	88	0.00
89	T	n-Butylbenzene	2.791	2.735	2.0	80	0.00
90	T	Hexachloroethane	0.608	0.573	5.8	83	0.00
91	T	1,2-Dichlorobenzene	1.607	1.616	-0.6	88	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.277	0.289	-4.3	93	0.00
93	T	1,2,4-Trichlorobenzene	1.062	1.067	-0.5	92	0.00
94	T	Hexachlorobutadiene	0.439	0.395	10.0	86	0.00
95	T	Naphthalene	3.187	3.552	-11.5	97	0.00

Sample Results: **VX048796.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121025\
Data File : VX048796.D
Acq On : 10 Dec 2025 09:40
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 00:17:10 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	0.985	-0.6	91	0.00

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

Sample Results: **VX048796.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121025\
Data File : VX048796.D
Acq On : 10 Dec 2025 09:40
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 00:17:10 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	88	0.00
2	T	Dichlorodifluoromethane	50.000	62.179	-24.4	98	0.00
3	P	Chloromethane	50.000	52.677	-5.4	93	0.00
4	C	Vinyl Chloride	50.000	49.755	0.5#	85	0.00
5	T	Bromomethane	50.000	53.632	-7.3	86	0.00
6	T	Chloroethane	50.000	47.946	4.1	85	0.00
7	T	Trichlorofluoromethane	50.000	48.805	2.4	82	0.00
8	T	Diethyl Ether	50.000	50.888	-1.8	93	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	48.374	3.3	81	0.00
10	T	Methyl Iodide	50.000	51.776	-3.6	86	0.00
11	T	Tert butyl alcohol	250.000	287.850	-15.1	96	0.00
12	CM	1,1-Dichloroethene	50.000	49.229	1.5#	84	0.00
13	T	Acrolein	250.000	256.274	-2.5	111	0.00
14	T	Allyl chloride	50.000	56.019	-12.0	90	0.00
15	T	Acrylonitrile	250.000	300.075	-20.0	97	0.00
16	T	Acetone	250.000	247.780	0.9	91	0.00
17	T	Carbon Disulfide	50.000	47.450	5.1	80	0.00
18	T	Methyl Acetate	50.000	60.806	-21.6	100	0.00
19	T	Methyl tert-butyl Ether	50.000	56.230	-12.5	94	0.00
20	T	Methylene Chloride	50.000	52.296	-4.6	91	0.00
21	T	trans-1,2-Dichloroethene	50.000	51.751	-3.5	86	0.00
22	T	Diisopropyl ether	50.000	59.073	-18.1	121	0.00
23	T	Vinyl Acetate	250.000	309.846	-23.9	121	0.00
24	P	1,1-Dichloroethane	50.000	56.321	-12.6	111	0.00
25	T	2-Butanone	250.000	293.394	-17.4	116	0.00
26	T	2,2-Dichloropropane	50.000	51.752	-3.5	99	-0.01
27	T	cis-1,2-Dichloroethene	50.000	54.589	-9.2	103	-0.01
28	T	Bromochloromethane	50.000	48.092	3.8	101	0.00
29	T	Tetrahydrofuran	250.000	297.133	-18.9	122	0.00
30	C	Chloroform	50.000	53.336	-6.7#	104	-0.01
31	T	Cyclohexane	50.000	46.837	6.3	94	-0.01
32	T	1,1,1-Trichloroethane	50.000	50.581	-1.2	95	0.00
33	S	1,2-Dichloroethane-d4	50.000	53.883	-7.8	110	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	95	0.00
35	S	Dibromofluoromethane	50.000	50.801	-1.6	100	0.00
36	T	1,1-Dichloropropene	50.000	45.023	10.0	92	0.00
37	T	Ethyl Acetate	50.000	61.127	-22.3	121	0.00
38	T	Carbon Tetrachloride	50.000	47.468	5.1	91	-0.01
39	T	Methylcyclohexane	50.000	44.893	10.2	74	0.00
40	TM	Benzene	50.000	51.404	-2.8	103	0.00
41	T	Methacrylonitrile	50.000	60.300	-20.6	121	-0.01
42	TM	1,2-Dichloroethane	50.000	52.451	-4.9	109	0.00
43	T	Isopropyl Acetate	50.000	55.399	-10.8	119	-0.01
44	TM	Trichloroethene	50.000	49.542	0.9	94	0.00
45	C	1,2-Dichloropropane	50.000	52.089	-4.2#	90	0.00
46	T	Dibromomethane	50.000	51.773	-3.5	90	0.00
47	T	Bromodichloromethane	50.000	50.336	-0.7	90	0.00
48	T	Methyl methacrylate	50.000	53.170	-6.3	93	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121025\
Data File : VX048796.D
Acq On : 10 Dec 2025 09:40
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 00:17:10 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	1063.052	-6.3	95	0.00
50	S	Toluene-d8	50.000	48.630	2.7	85	0.00
51	T	4-Methyl-2-Pentanone	250.000	282.102	-12.8	94	0.00
52	CM	Toluene	50.000	51.472	-2.9#	86	0.00
53	T	t-1,3-Dichloropropene	50.000	53.519	-7.0	89	0.00
54	T	cis-1,3-Dichloropropene	50.000	53.285	-6.6	89	0.00
55	T	1,1,2-Trichloroethane	50.000	53.070	-6.1	91	0.00
56	T	Ethyl methacrylate	50.000	56.348	-12.7	91	0.00
57	T	1,3-Dichloropropane	50.000	53.352	-6.7	91	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	278.983	-11.6	89	0.00
59	T	2-Hexanone	250.000	277.790	-11.1	89	0.00
60	T	Dibromochloromethane	50.000	52.334	-4.7	89	0.00
61	T	1,2-Dibromoethane	50.000	52.204	-4.4	89	0.00
62	S	4-Bromofluorobenzene	50.000	51.492	-3.0	89	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	87	0.00
64	T	Tetrachloroethene	50.000	45.218	9.6	82	0.00
65	PM	Chlorobenzene	50.000	49.516	1.0	87	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	49.975	0.0	90	0.00
67	C	Ethyl Benzene	50.000	50.827	-1.7#	84	0.00
68	T	m/p-Xylenes	100.000	99.937	0.1	85	0.00
69	T	o-Xylene	50.000	51.775	-3.5	87	0.00
70	T	Styrene	50.000	52.412	-4.8	88	0.00
71	P	Bromoform	50.000	50.037	-0.1	93	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	86	0.00
73	T	Isopropylbenzene	50.000	51.603	-3.2	82	0.00
74	T	N-amyl acetate	50.000	60.997	-22.0	88	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	54.669	-9.3	91	0.00
76	T	1,2,3-Trichloropropane	50.000	55.433	-10.9	93	0.00
77	T	Bromobenzene	50.000	52.458	-4.9	92	0.00
78	T	n-propylbenzene	50.000	52.716	-5.4	82	0.00
79	T	2-Chlorotoluene	50.000	52.665	-5.3	86	0.00
80	T	1,3,5-Trimethylbenzene	50.000	52.487	-5.0	85	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	57.434	-14.9	93	0.00
82	T	4-Chlorotoluene	50.000	53.405	-6.8	86	0.00
83	T	tert-Butylbenzene	50.000	50.265	-0.5	82	0.00
84	T	1,2,4-Trimethylbenzene	50.000	52.880	-5.8	85	0.00
85	T	sec-Butylbenzene	50.000	50.346	-0.7	80	0.00
86	T	p-Isopropyltoluene	50.000	50.602	-1.2	82	0.00
87	T	1,3-Dichlorobenzene	50.000	50.987	-2.0	88	0.00
88	T	1,4-Dichlorobenzene	50.000	49.746	0.5	88	0.00
89	T	n-Butylbenzene	50.000	48.986	2.0	80	0.00
90	T	Hexachloroethane	50.000	47.115	5.8	83	0.00
91	T	1,2-Dichlorobenzene	50.000	50.270	-0.5	88	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	52.292	-4.6	93	0.00
93	T	1,2,4-Trichlorobenzene	50.000	50.264	-0.5	92	0.00
94	T	Hexachlorobutadiene	50.000	45.022	10.0	86	0.00
95	T	Naphthalene	50.000	57.472	-14.9	97	0.00

Sample Results: **VX048796.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121025\
Data File : VX048796.D
Acq On : 10 Dec 2025 09:40
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 00:17:10 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	50.306	-0.6	91	0.00

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

QC SAMPLE DATA

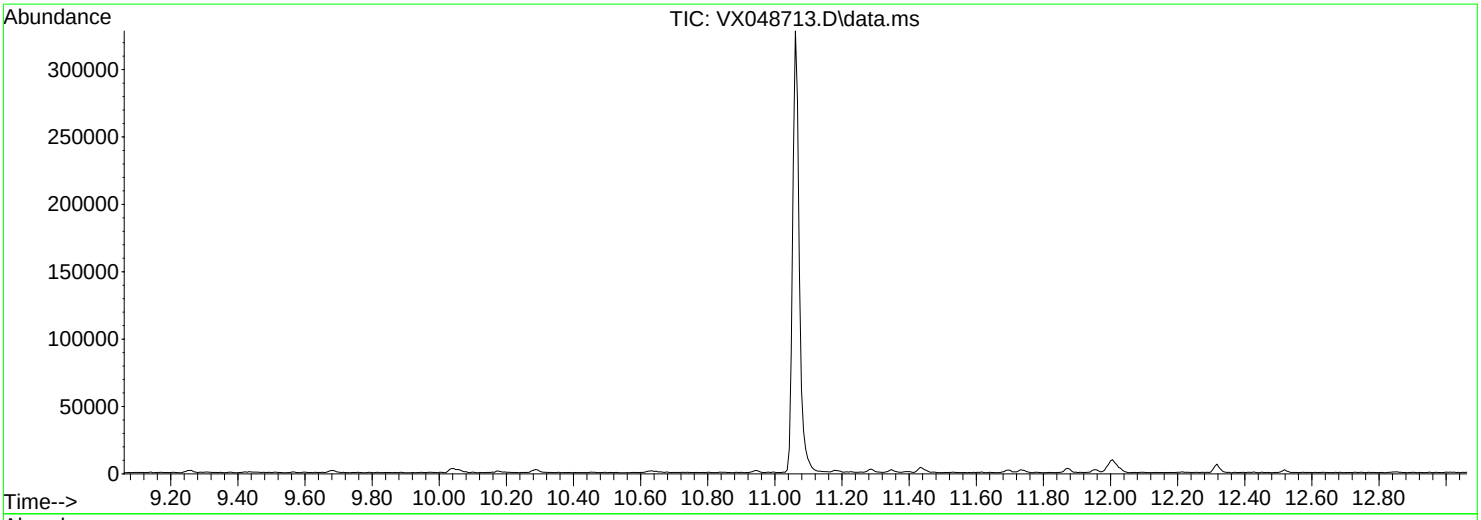
Sample Results: **VX048713.D**

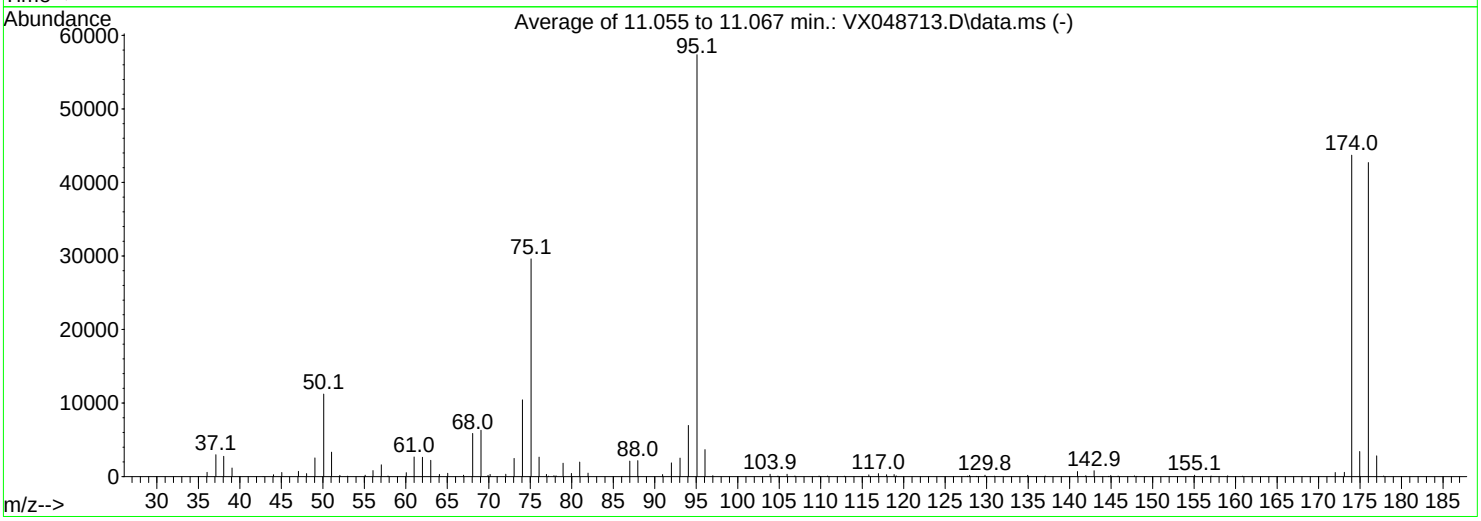
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120425\
Data File : VX048713.D
Acq On : 04 Dec 2025 08:15
Operator : JC/MD
Sample : BFB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

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

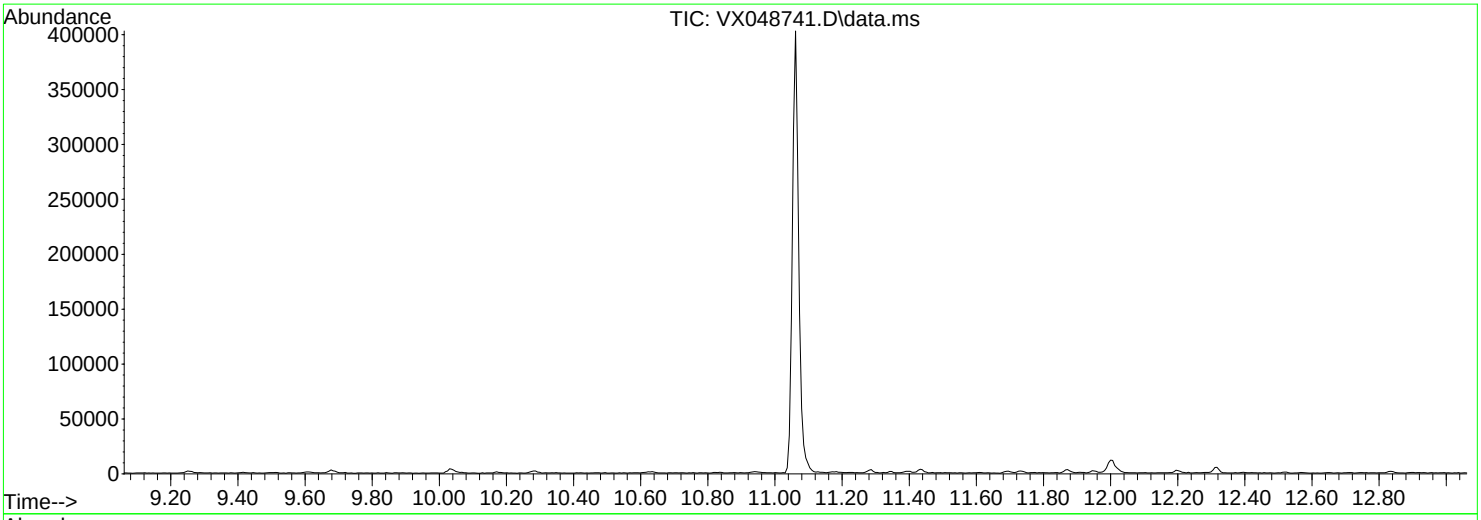
Sample Results: **VX048741.D**

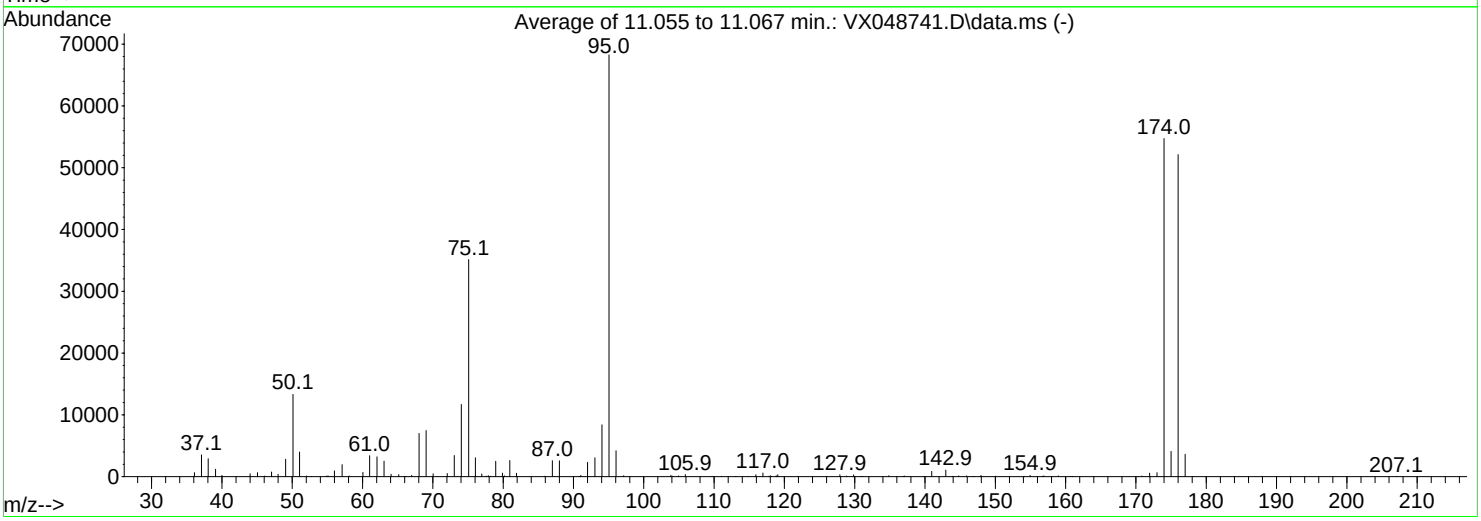
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120825\
Data File : VX048741.D
Acq On : 08 Dec 2025 08:17
Operator : JC/MD
Sample : BFB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\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	19.5	13323	PASS
75	95	30	60	51.5	35152	PASS
95	95	100	100	100.0	68272	PASS
96	95	5	9	6.2	4205	PASS
173	174	0.00	2	1.2	656	PASS
174	95	50	100	80.1	54717	PASS
175	174	5	9	7.5	4103	PASS
176	174	95	101	95.3	52133	PASS
177	176	5	9	7.0	3634	PASS

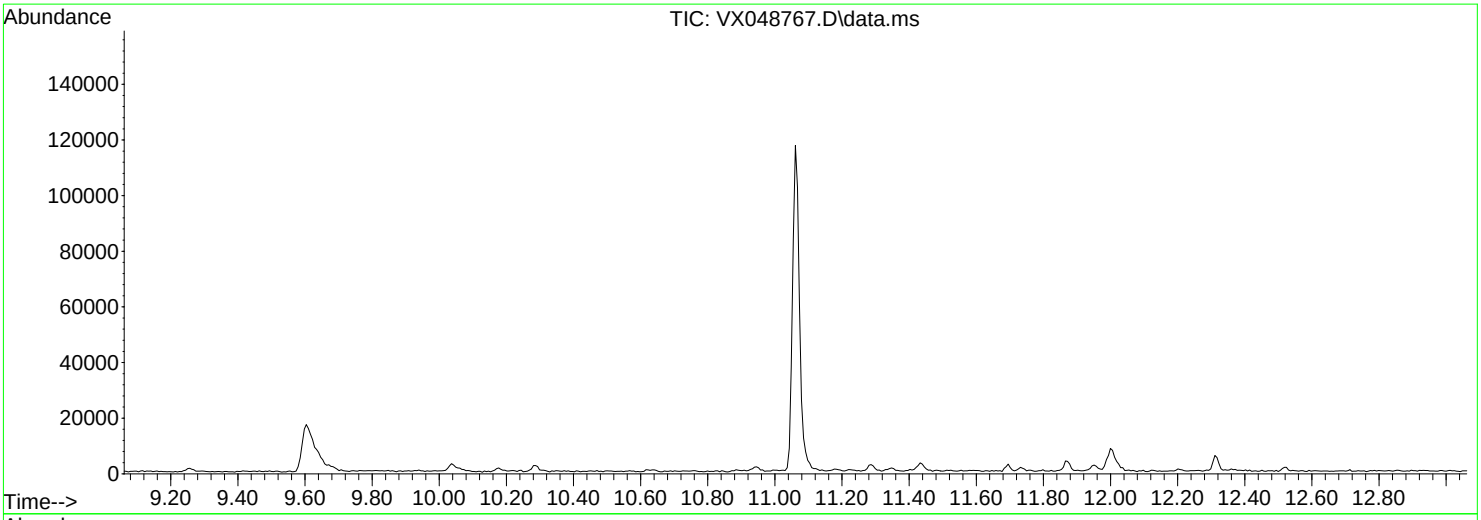
Sample Results: **VX048767.D**

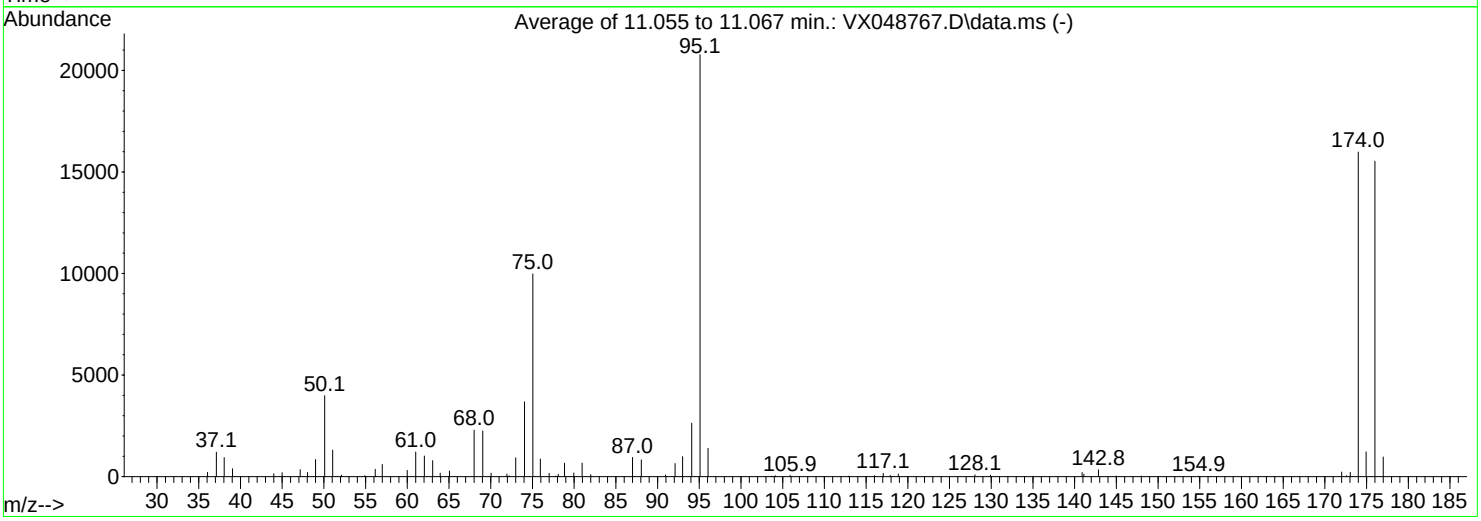
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120925\
Data File : VX048767.D
Acq On : 09 Dec 2025 08:16
Operator : JC/MD
Sample : BFB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

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	19.2	3982	PASS
75	95	30	60	48.0	9980	PASS
95	95	100	100	100.0	20771	PASS
96	95	5	9	6.7	1393	PASS
173	174	0.00	2	1.3	212	PASS
174	95	50	100	76.9	15981	PASS
175	174	5	9	7.6	1216	PASS
176	174	95	101	97.2	15532	PASS
177	176	5	9	6.2	968	PASS

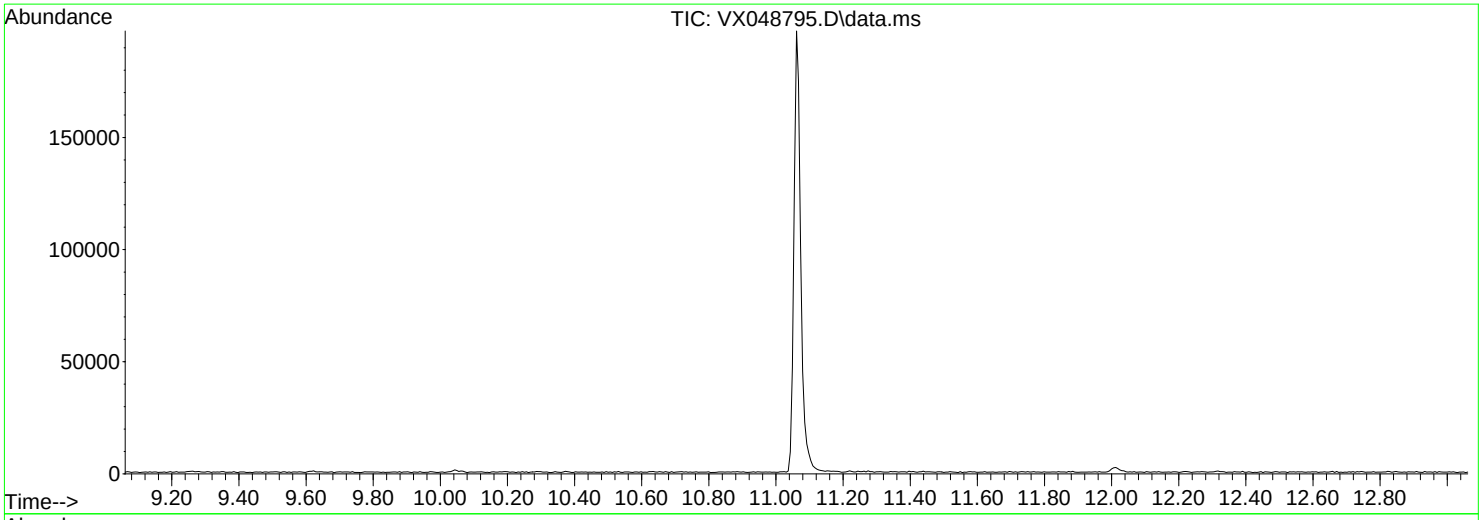
Sample Results: **VX048795.D**

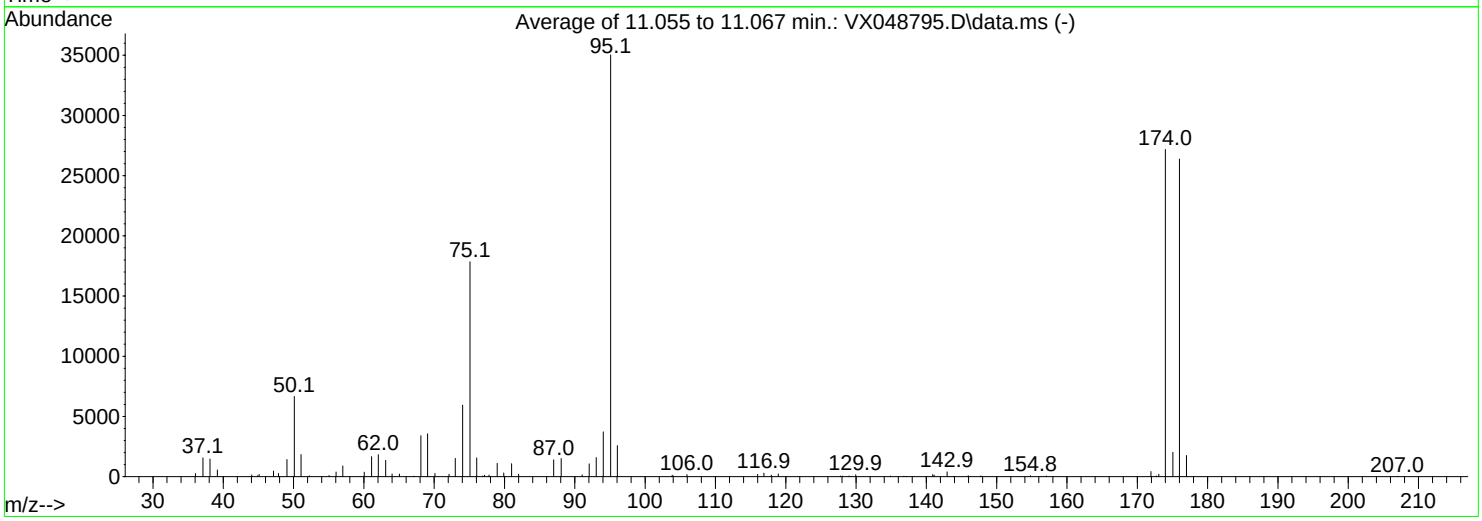
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121025\
Data File : VX048795.D
Acq On : 10 Dec 2025 09:13
Operator : JC/MD
Sample : BFB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

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	19.0	6664	PASS
75	95	30	60	50.9	17843	PASS
95	95	100	100	100.0	35035	PASS
96	95	5	9	7.4	2579	PASS
173	174	0.00	2	0.7	200	PASS
174	95	50	100	77.6	27176	PASS
175	174	5	9	7.4	2018	PASS
176	174	95	101	97.1	26387	PASS
177	176	5	9	6.7	1759	PASS

Raw Data: **VX048744.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:	VX1208WBL01	SDG No.:	Q3788
Lab Sample ID:	VX1208WBL01	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	12/08/25 11:15	VX120825
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	12/08/25 11:15	VX120825
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	12/08/25 11:15	VX120825
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	12/08/25 11:15	VX120825
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	12/08/25 11:15	VX120825
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	12/08/25 11:15	VX120825
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	12/08/25 11:15	VX120825
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	12/08/25 11:15	VX120825
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	12/08/25 11:15	VX120825
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	12/08/25 11:15	VX120825
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	49.5			70 (74) - 130 (125)	99%	SPK: 50		
1868-53-7	Dibromofluoromethane	46.0			70 (75) - 130 (124)	92%	SPK: 50		
2037-26-5	Toluene-d8	45.2			70 (86) - 130 (113)	90%	SPK: 50		
460-00-4	4-Bromofluorobenzene	55.8			70 (77) - 130 (121)	112%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	173000							
540-36-3	1,4-Difluorobenzene	341000							
3114-55-4	Chlorobenzene-d5	370000							
3855-82-1	1,4-Dichlorobenzene-d4	180000							

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\VX120825\
Data File : VX048744.D
Acq On : 08 Dec 2025 11:15
Operator : JC/MD
Sample : VX1208WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1208WBL01

Quant Time: Dec 09 04:06:30 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

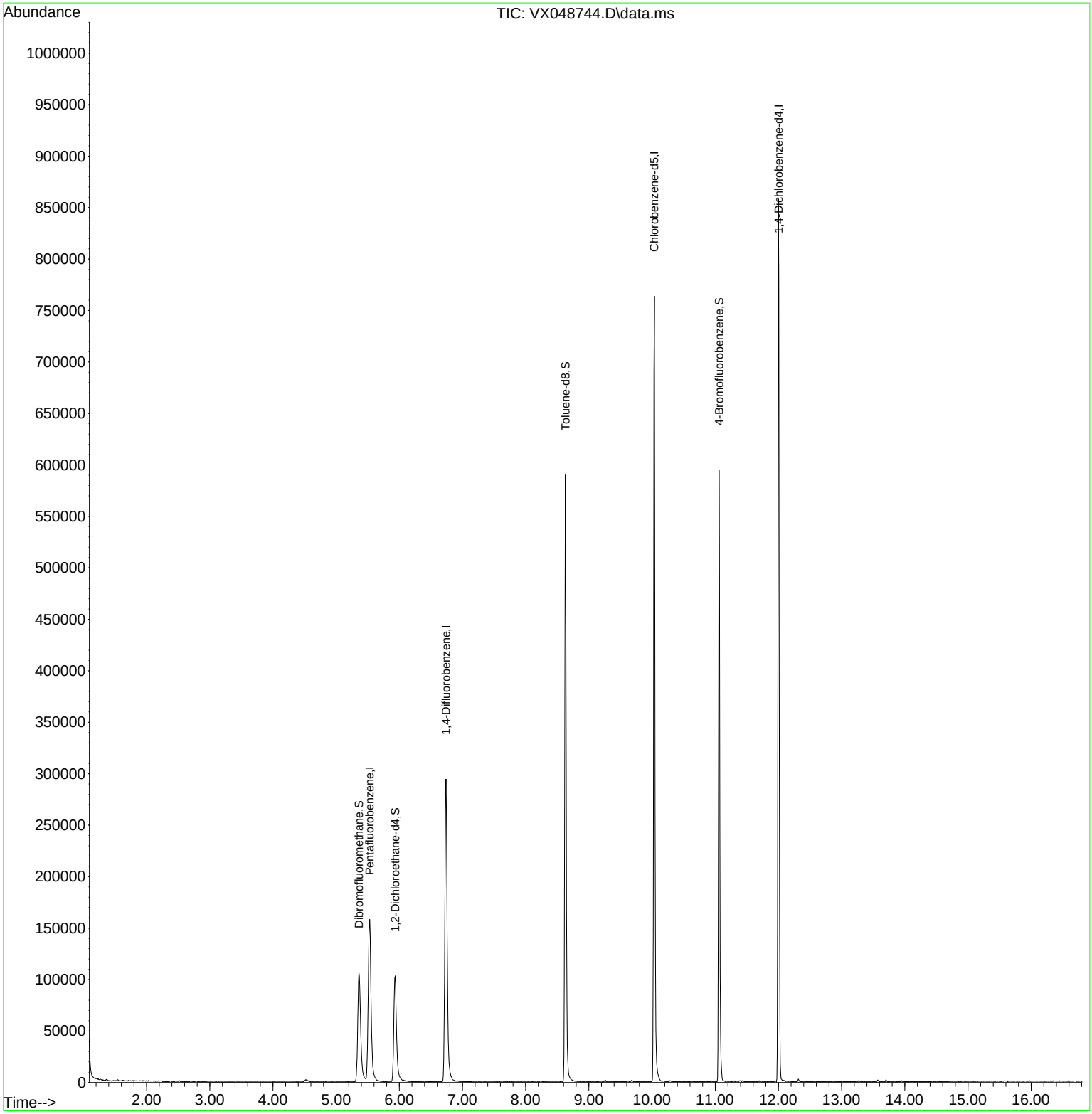
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.531	168	173343	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.739	114	340953	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	370451	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	179749	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	115181	49.507	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 99.020%			
35) Dibromofluoromethane	5.361	113	107991	46.001	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery = 92.000%			
50) Toluene-d8	8.629	98	372131	45.222	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 90.440%#			
62) 4-Bromofluorobenzene	11.061	95	158378	55.813	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.620%			
Target Compounds						Qvalue

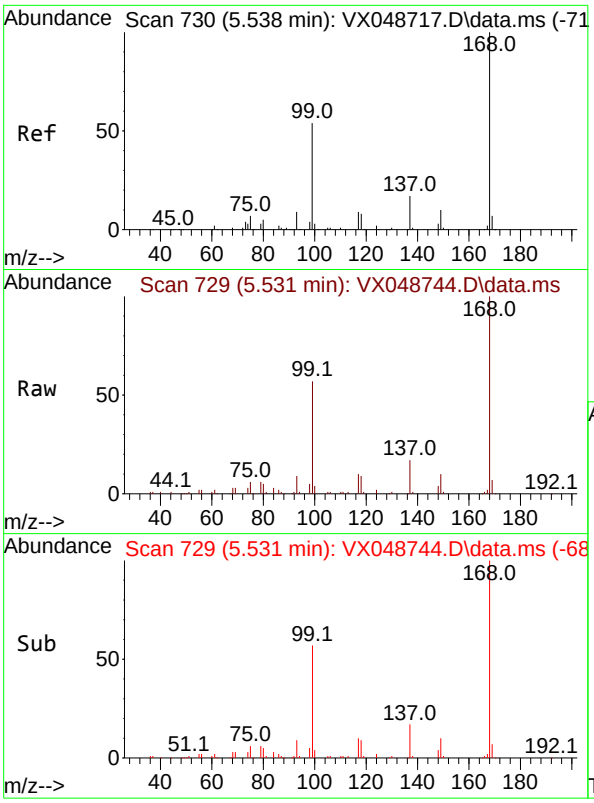
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120825\
Data File : VX048744.D
Acq On : 08 Dec 2025 11:15
Operator : JC/MD
Sample : VX1208WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1208WBL01

Quant Time: Dec 09 04:06:30 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



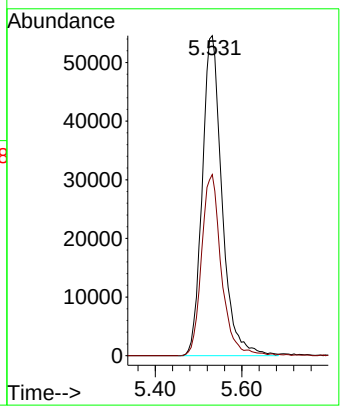


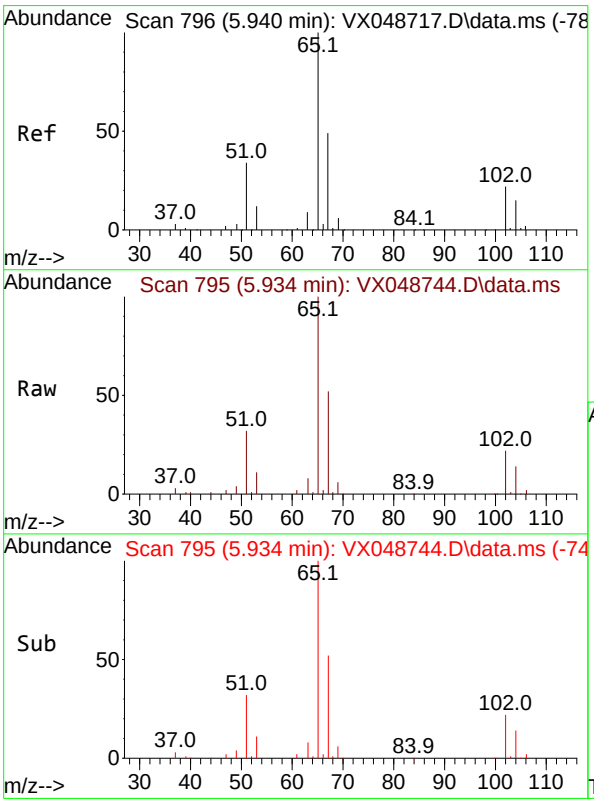
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.531 min Scan# 7
Delta R.T. -0.007 min
Lab File: VX048744.D
Acq: 08 Dec 2025 11:15

Instrument :
MSVOA_X
ClientSampleId :
VX1208WBL01

Tgt Ion:168 Resp: 173343

Ion	Ratio	Lower	Upper
168	100		
99	56.6	44.2	66.4

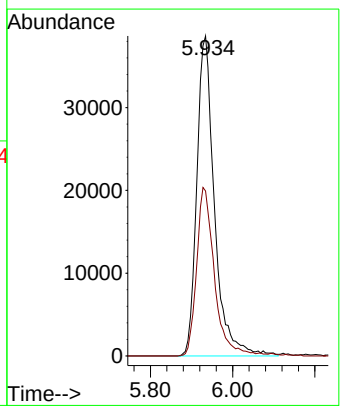


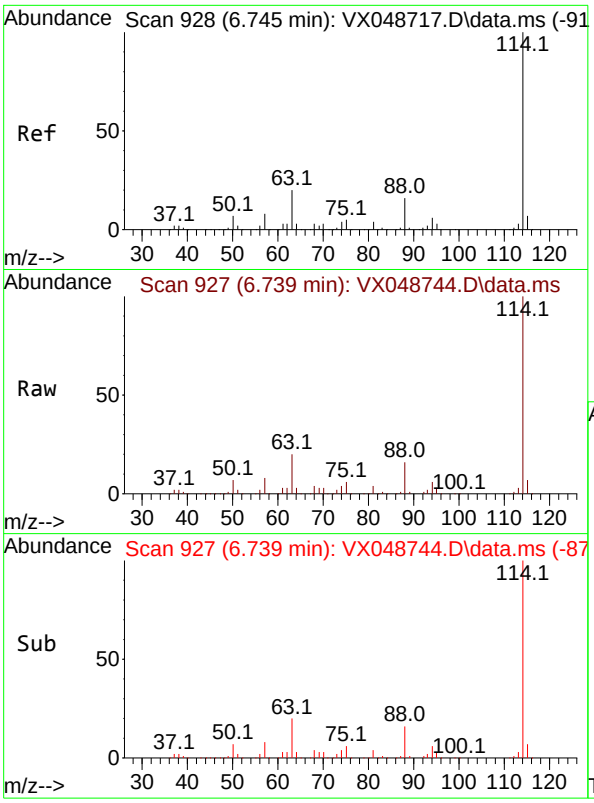


#33
1,2-Dichloroethane-d4
Concen: 49.507 ug/l
RT: 5.934 min Scan# 795
Delta R.T. -0.006 min
Lab File: VX048744.D
Acq: 08 Dec 2025 11:15

Tgt Ion: 65 Resp: 115181

Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	107.4



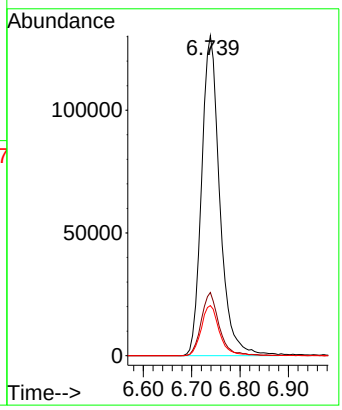


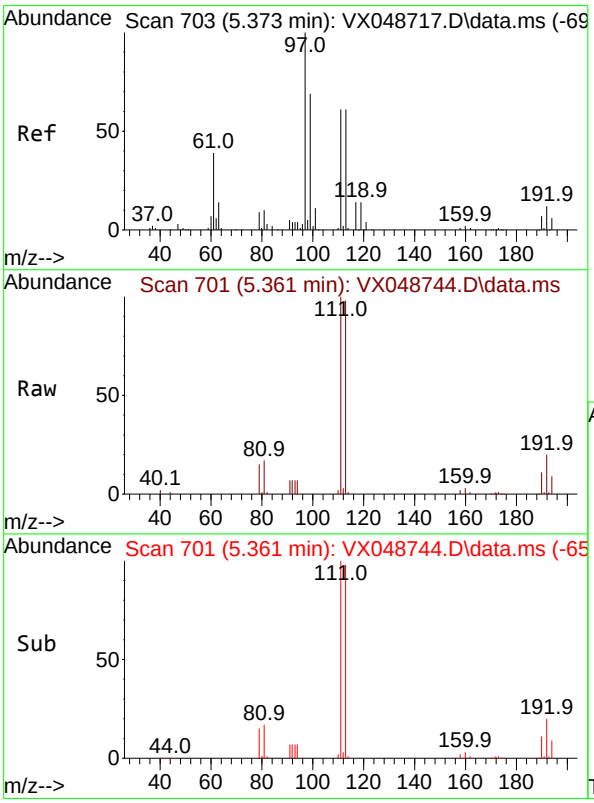
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.739 min Scan# 9
Delta R.T. -0.006 min
Lab File: VX048744.D
Acq: 08 Dec 2025 11:15

Instrument :
MSVOA_X
ClientSampleId :
VX1208WBL01

Tgt Ion:114 Resp: 340953

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	39.0
88	15.6	0.0	31.8

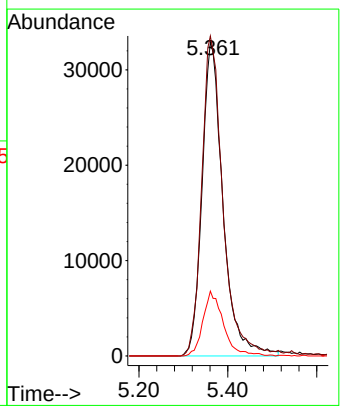


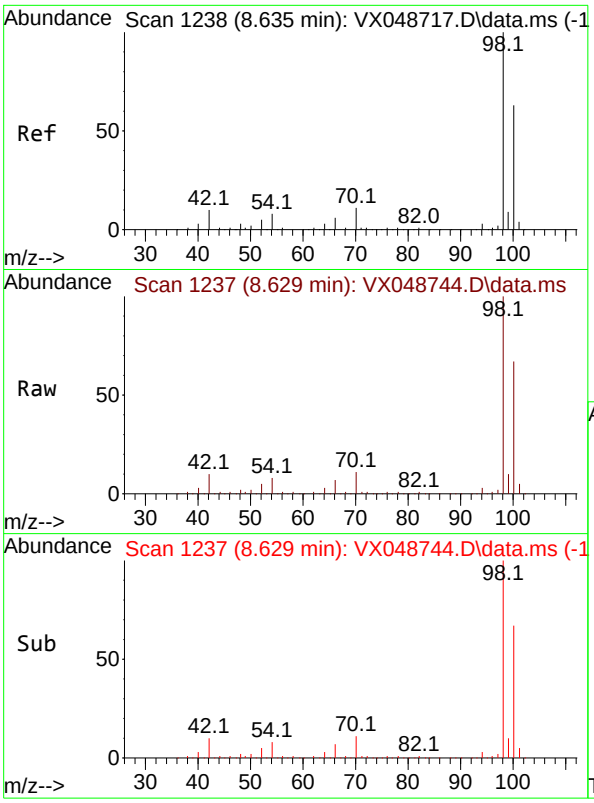


#35
Dibromofluoromethane
Concen: 46.001 ug/l
RT: 5.361 min Scan# 701
Delta R.T. -0.012 min
Lab File: VX048744.D
Acq: 08 Dec 2025 11:15

Tgt Ion:113 Resp: 107991

Ion	Ratio	Lower	Upper
113	100		
111	102.8	79.5	119.3
192	20.1	16.1	24.1



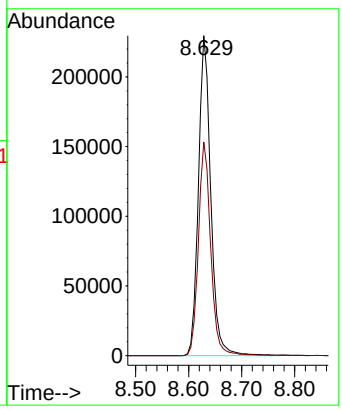


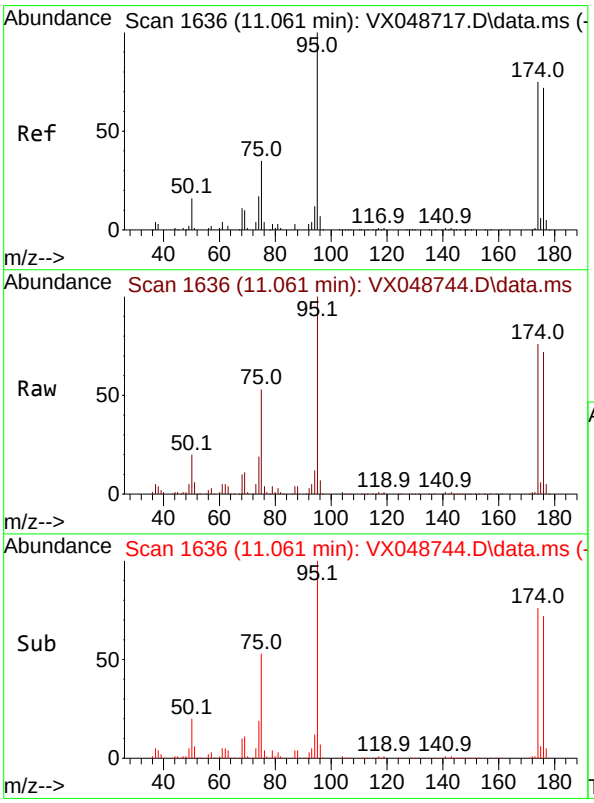
#50
Toluene-d8
Concen: 45.222 ug/l
RT: 8.629 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048744.D
Acq: 08 Dec 2025 11:15

Instrument :
MSVOA_X
ClientSampleId :
VX1208WBL01

Tgt Ion: 98 Resp: 372131

Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.4	80.0

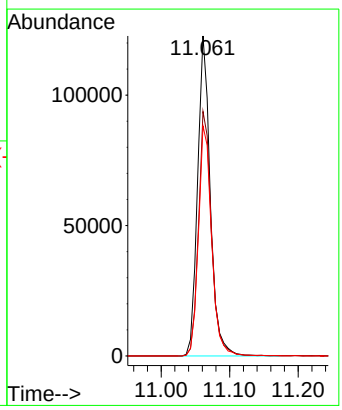


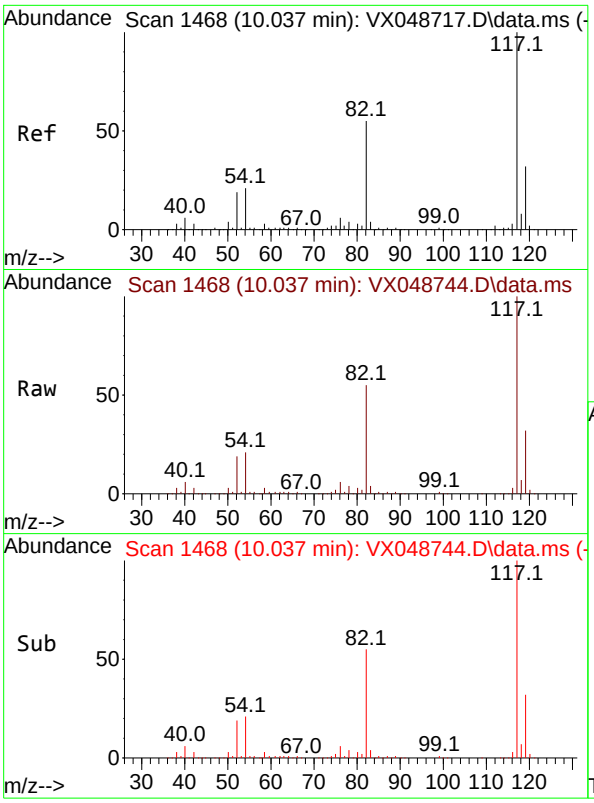


#62
4-Bromofluorobenzene
Concen: 55.813 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048744.D
Acq: 08 Dec 2025 11:15

Tgt Ion: 95 Resp: 158378

Ion	Ratio	Lower	Upper
95	100		
174	78.8	0.0	157.8
176	74.8	0.0	154.0



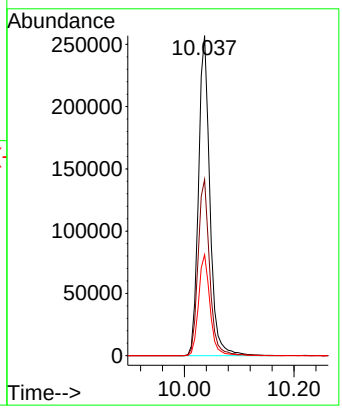


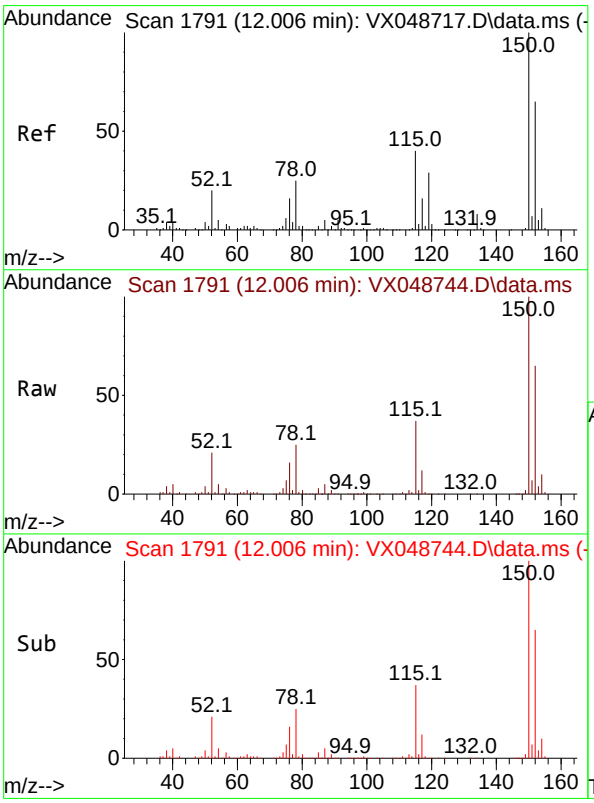
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048744.D
Acq: 08 Dec 2025 11:15

Instrument :
MSVOA_X
ClientSampleId :
VX1208WBL01

Tgt Ion:117 Resp: 370451

Ion	Ratio	Lower	Upper
117	100		
82	55.1	44.1	66.1
119	31.5	25.2	37.8

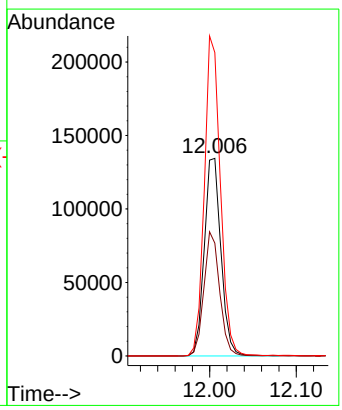




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048744.D
Acq: 08 Dec 2025 11:15

Tgt Ion:152 Resp: 179749

Ion	Ratio	Lower	Upper
152	100		
115	59.4	42.1	126.4
150	155.9	0.0	347.8



Raw Data: **VX048769.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:	VX1209WBL01	SDG No.:	Q3788
Lab Sample ID:	VX1209WBL01	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	12/09/25 09:46	VX120925
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	12/09/25 09:46	VX120925
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	12/09/25 09:46	VX120925
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	12/09/25 09:46	VX120925
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	12/09/25 09:46	VX120925
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	12/09/25 09:46	VX120925
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	12/09/25 09:46	VX120925
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	12/09/25 09:46	VX120925
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	12/09/25 09:46	VX120925
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	12/09/25 09:46	VX120925
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	56.0			70 (74) - 130 (125)	112%	SPK: 50		
1868-53-7	Dibromofluoromethane	45.5			70 (75) - 130 (124)	91%	SPK: 50		
2037-26-5	Toluene-d8	46.6			70 (86) - 130 (113)	93%	SPK: 50		
460-00-4	4-Bromofluorobenzene	57.6			70 (77) - 130 (121)	115%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	129000							
540-36-3	1,4-Difluorobenzene	266000							
3114-55-4	Chlorobenzene-d5	288000							
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\VX120925\
Data File : VX048769.D
Acq On : 09 Dec 2025 09:46
Operator : JC/MD
Sample : VX1209WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBL01

Quant Time: Dec 10 00:13:22 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

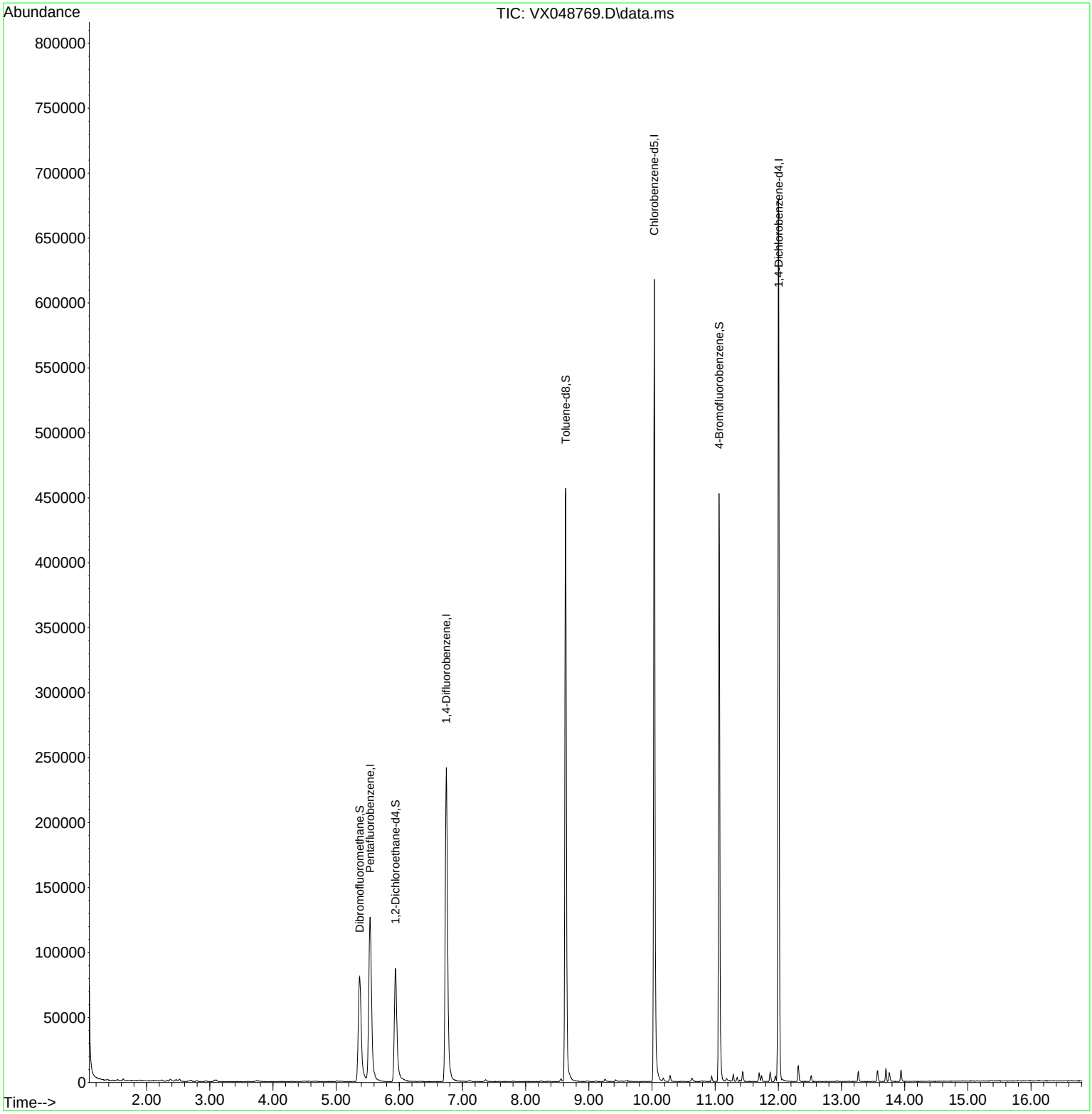
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.538	168	129302	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	266304	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	288359	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	149395	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	97271	56.049	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 112.100%			
35) Dibromofluoromethane	5.373	113	83404	45.486	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 90.980%			
50) Toluene-d8	8.635	98	299705	46.630	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 93.260%			
62) 4-Bromofluorobenzene	11.061	95	127733	57.632	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 115.260%			
Target Compounds						Qvalue

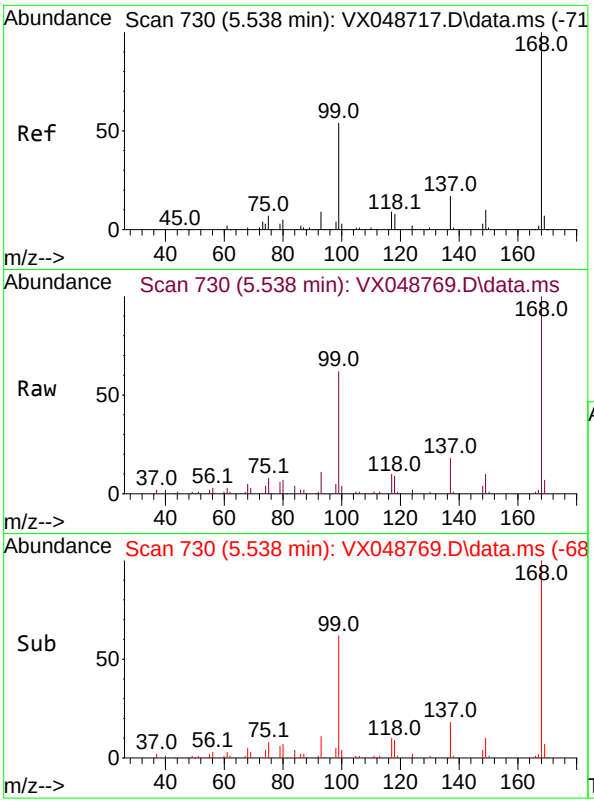
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120925\
Data File : VX048769.D
Acq On : 09 Dec 2025 09:46
Operator : JC/MD
Sample : VX1209WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBL01

Quant Time: Dec 10 00:13:22 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



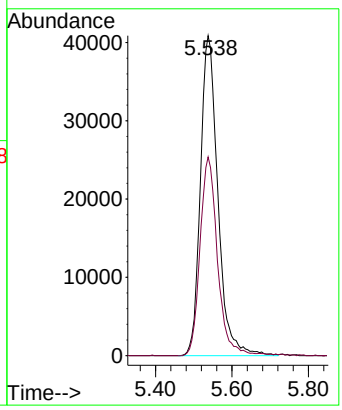


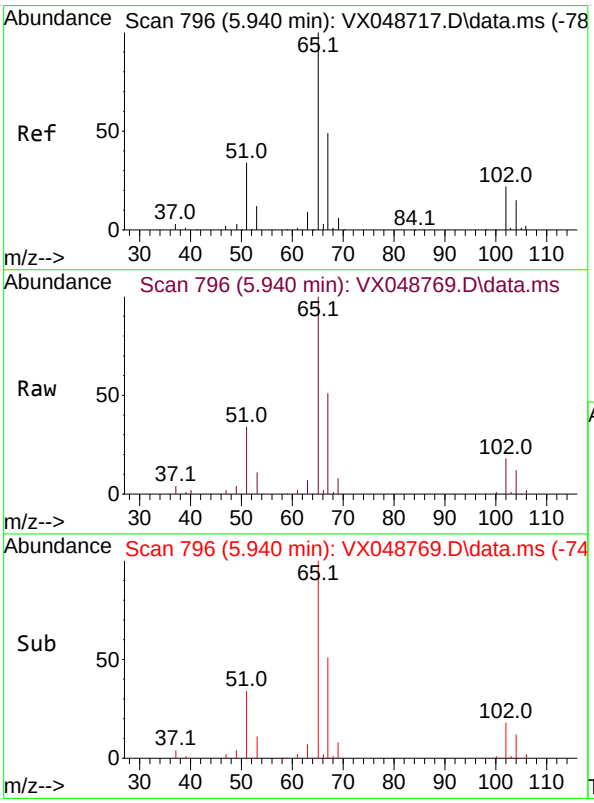
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048769.D
Acq: 09 Dec 2025 09:46

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBL01

Tgt Ion:168 Resp: 129302

Ion	Ratio	Lower	Upper
168	100		
99	62.1	44.2	66.4

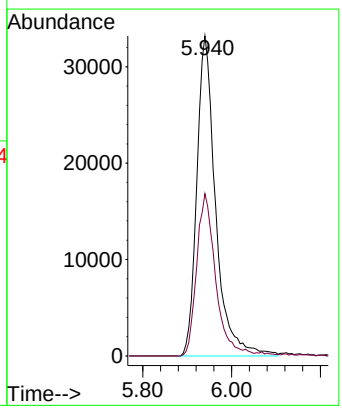


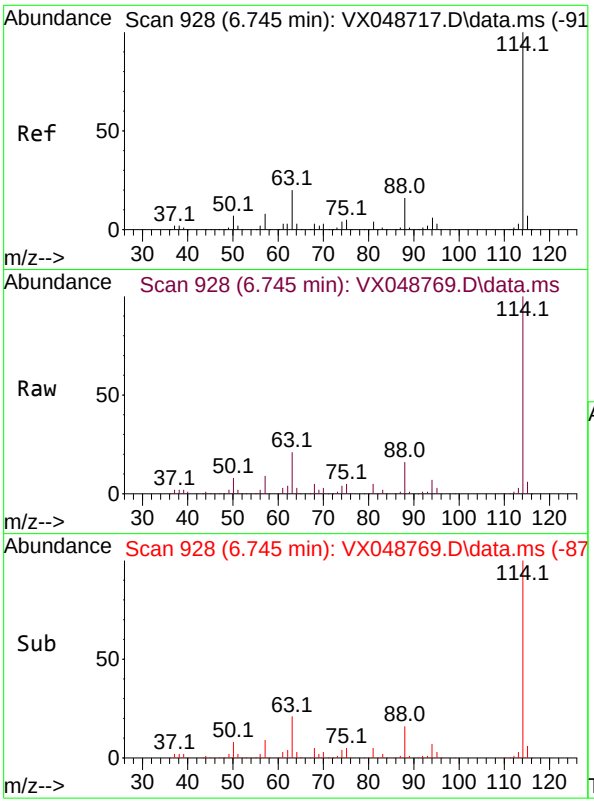


#33
1,2-Dichloroethane-d4
Concen: 56.049 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048769.D
Acq: 09 Dec 2025 09:46

Tgt Ion: 65 Resp: 97271

Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	107.4



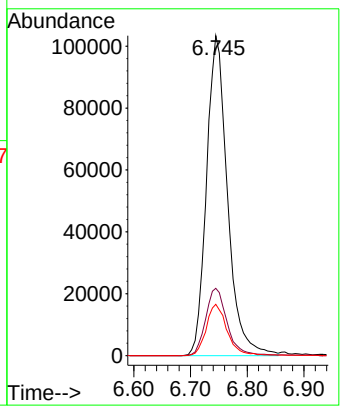


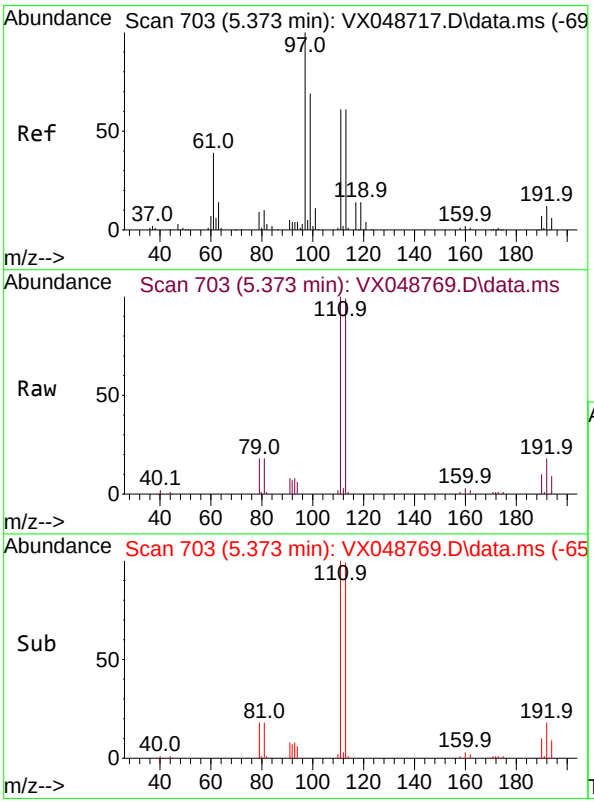
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX048769.D
Acq: 09 Dec 2025 09:46

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBL01

Tgt Ion:114 Resp: 266304

Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	39.0
88	16.0	0.0	31.8

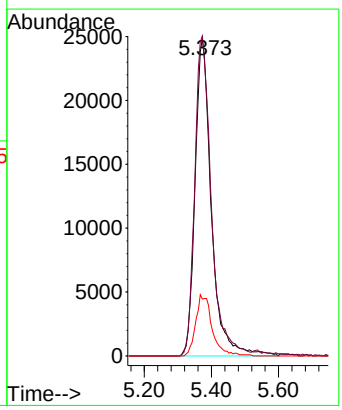


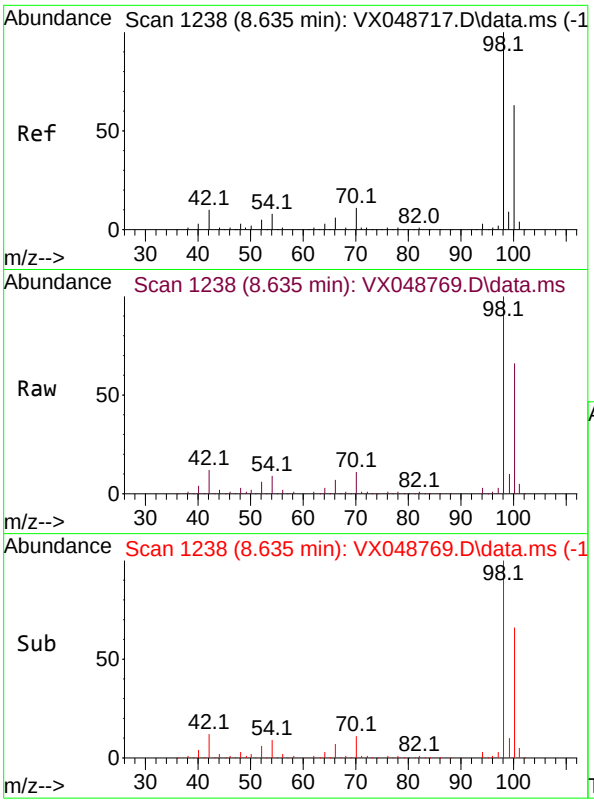


#35
Dibromofluoromethane
Concen: 45.486 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048769.D
Acq: 09 Dec 2025 09:46

Tgt Ion:113 Resp: 83404

Ion	Ratio	Lower	Upper
113	100		
111	102.6	79.5	119.3
192	19.4	16.1	24.1



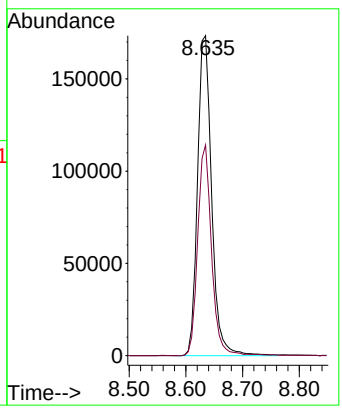


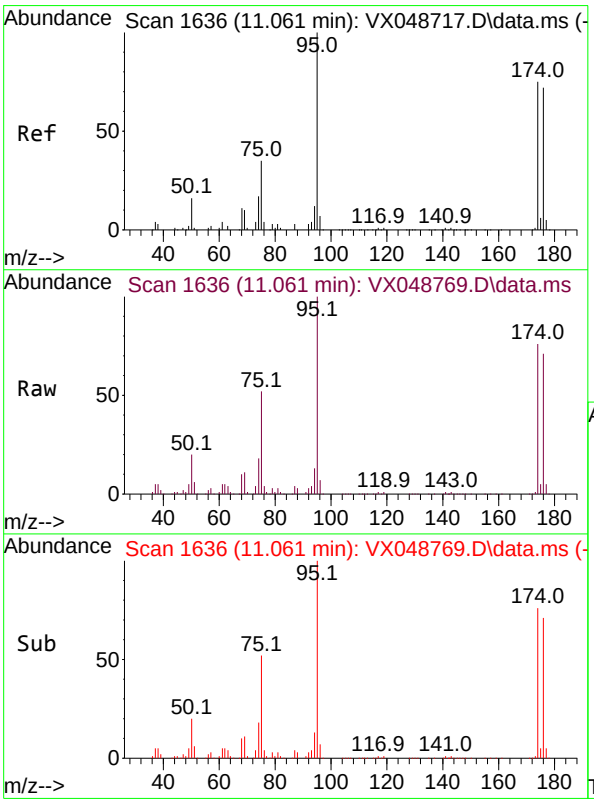
#50
Toluene-d8
Concen: 46.630 ug/l
RT: 8.635 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048769.D
Acq: 09 Dec 2025 09:46

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBL01

Tgt Ion: 98 Resp: 299705

Ion	Ratio	Lower	Upper
98	100		
100	64.6	53.4	80.0

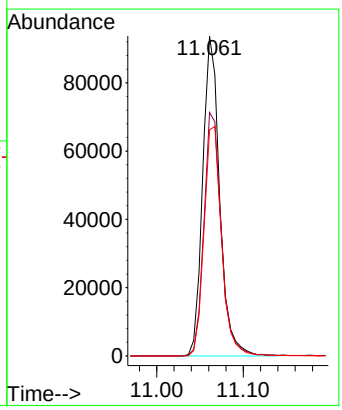


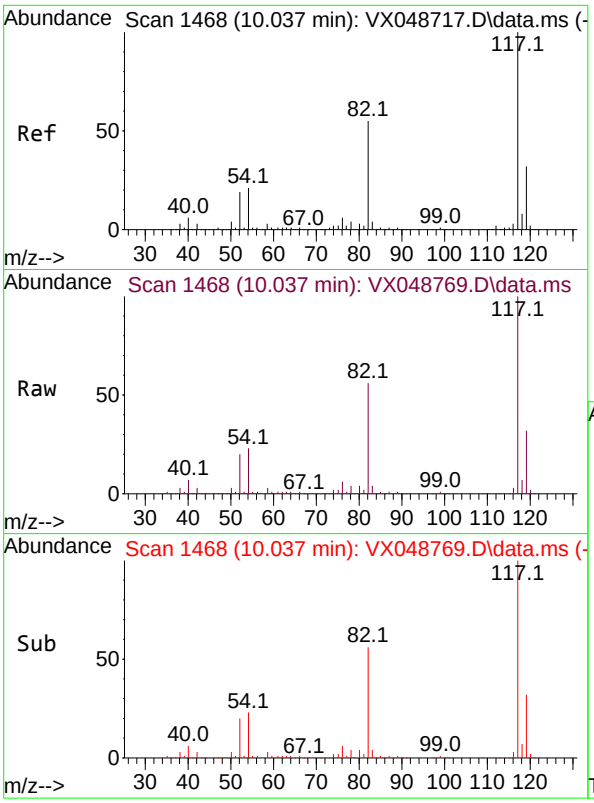


#62
4-Bromofluorobenzene
Concen: 57.632 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048769.D
Acq: 09 Dec 2025 09:46

Tgt Ion: 95 Resp: 127733

Ion	Ratio	Lower	Upper
95	100		
174	77.9	0.0	157.8
176	74.2	0.0	154.0



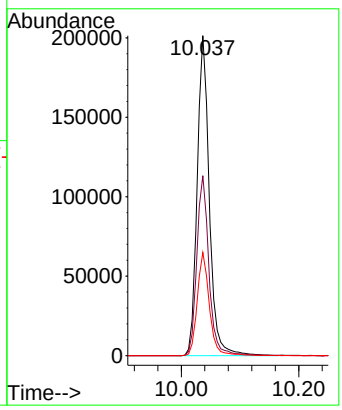


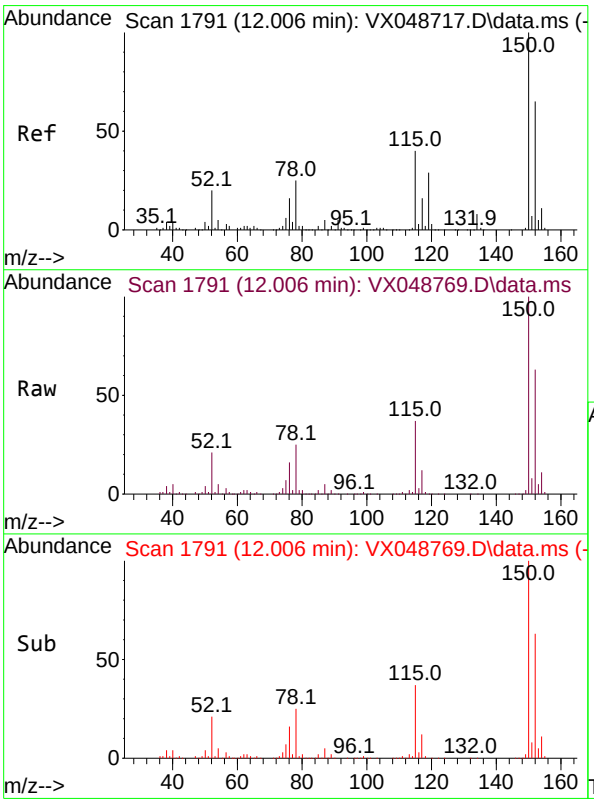
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048769.D
Acq: 09 Dec 2025 09:46

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBL01

Tgt Ion:117 Resp: 288359

Ion	Ratio	Lower	Upper
117	100		
82	56.2	44.1	66.1
119	32.2	25.2	37.8

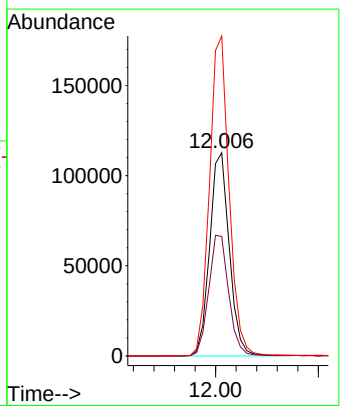




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048769.D
Acq: 09 Dec 2025 09:46

Tgt Ion:152 Resp: 149395

Ion	Ratio	Lower	Upper
152	100		
115	60.6	42.1	126.4
150	157.9	0.0	347.8



Raw Data: **VX048797.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:	VX1210WBL01	SDG No.:	Q3788
Lab Sample ID:	VX1210WBL01	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	12/10/25 10:10	VX121025
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	12/10/25 10:10	VX121025
75-34-3	1,1-Dichloroethane	0.23	U	1	0.23	1.00	ug/L	12/10/25 10:10	VX121025
156-59-2	cis-1,2-Dichloroethene	0.19	U	1	0.19	1.00	ug/L	12/10/25 10:10	VX121025
71-55-6	1,1,1-Trichloroethane	0.20	U	1	0.20	1.00	ug/L	12/10/25 10:10	VX121025
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	12/10/25 10:10	VX121025
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	12/10/25 10:10	VX121025
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	12/10/25 10:10	VX121025
79-00-5	1,1,2-Trichloroethane	0.21	U	1	0.21	1.00	ug/L	12/10/25 10:10	VX121025
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	12/10/25 10:10	VX121025
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	51.4			70 (74) - 130 (125)	103%	SPK: 50		
1868-53-7	Dibromofluoromethane	45.2			70 (75) - 130 (124)	90%	SPK: 50		
2037-26-5	Toluene-d8	46.7			70 (86) - 130 (113)	93%	SPK: 50		
460-00-4	4-Bromofluorobenzene	57.2			70 (77) - 130 (121)	114%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	143000							
540-36-3	1,4-Difluorobenzene	288000							
3114-55-4	Chlorobenzene-d5	307000							
3855-82-1	1,4-Dichlorobenzene-d4	162000							

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\VX121025\
Data File : VX048797.D
Acq On : 10 Dec 2025 10:10
Operator : JC/MD
Sample : VX1210WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBL01

Quant Time: Dec 11 00:18:16 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

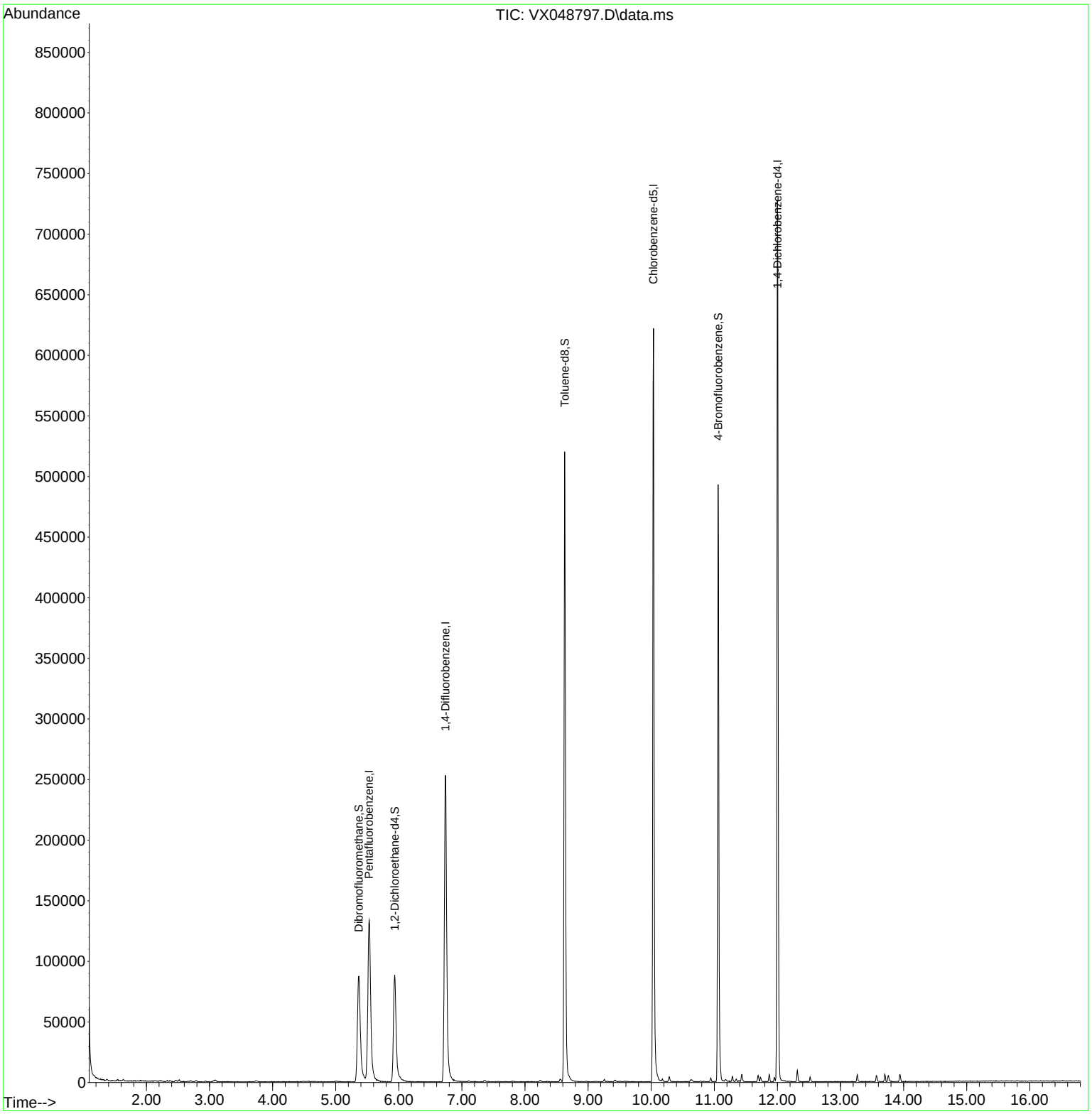
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.525	168	143182	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.739	114	288257	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	306883	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.000	152	162084	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	98828	51.426	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.860%			
35) Dibromofluoromethane	5.367	113	89655	45.172	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 90.340%			
50) Toluene-d8	8.628	98	324876	46.696	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 93.400%			
62) 4-Bromofluorobenzene	11.061	95	137328	57.242	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 114.480%			
Target Compounds						Qvalue

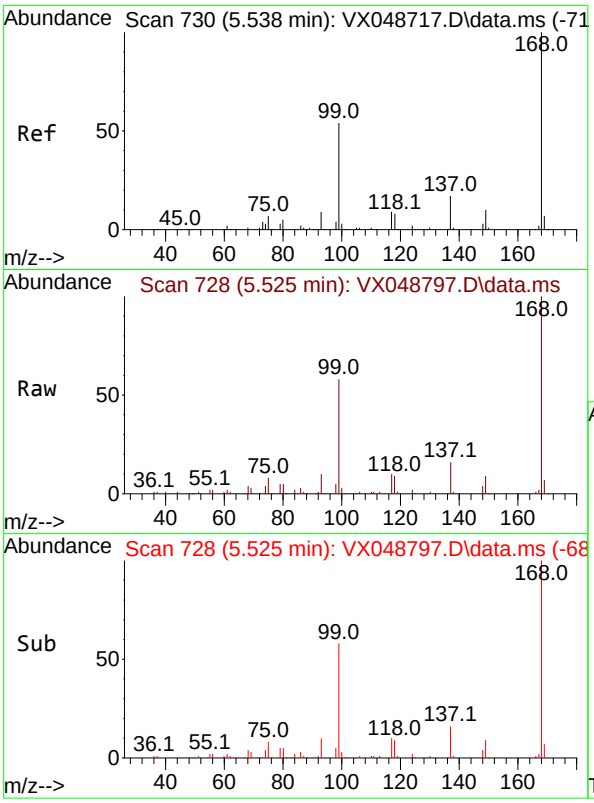
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121025\
Data File : VX048797.D
Acq On : 10 Dec 2025 10:10
Operator : JC/MD
Sample : VX1210WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBL01

Quant Time: Dec 11 00:18:16 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



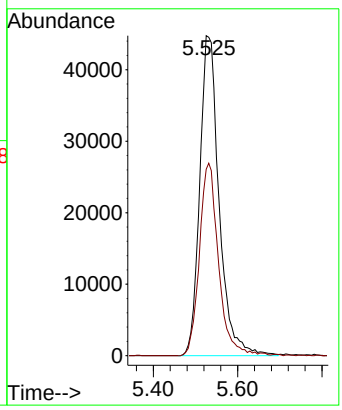


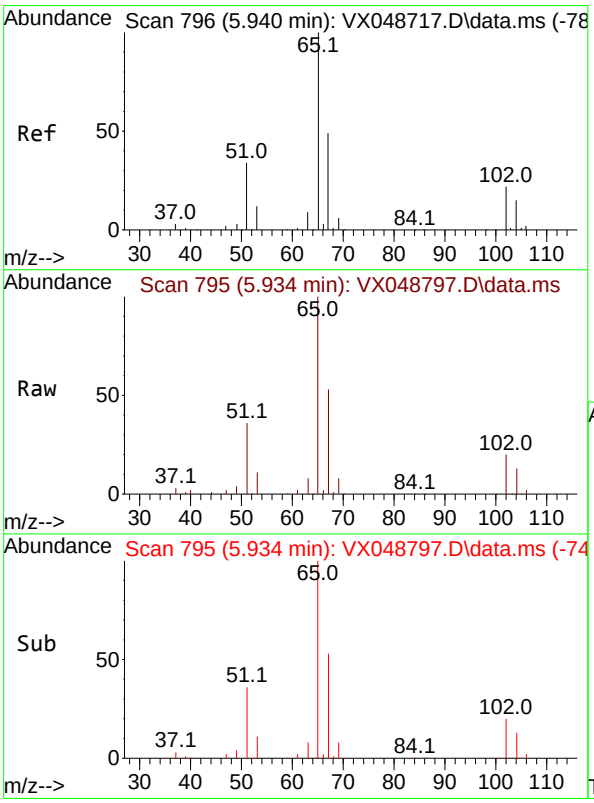
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.525 min Scan# 7
Delta R.T. -0.013 min
Lab File: VX048797.D
Acq: 10 Dec 2025 10:10

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBL01

Tgt Ion:168 Resp: 143182

Ion	Ratio	Lower	Upper
168	100		
99	58.2	44.2	66.4

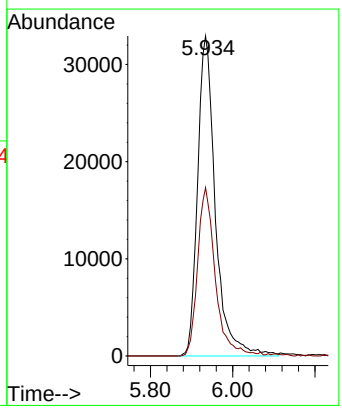


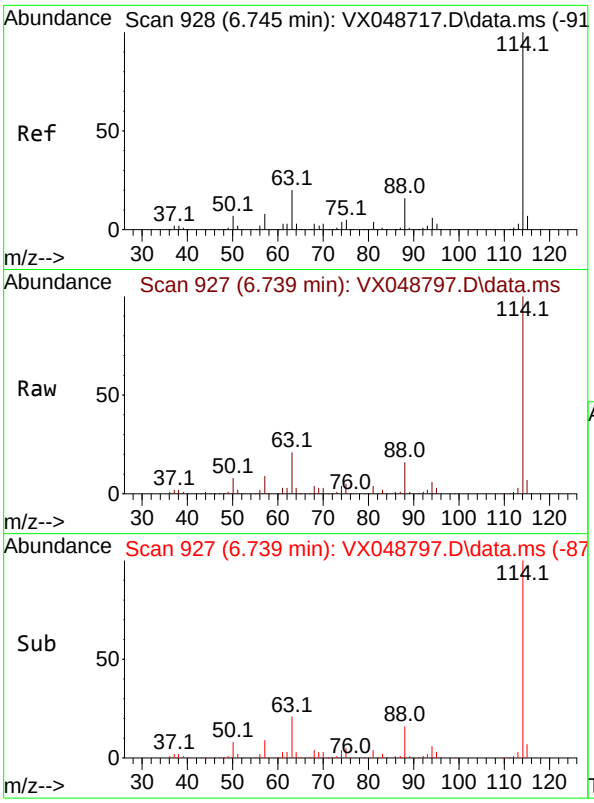


#33
1,2-Dichloroethane-d4
Concen: 51.426 ug/l
RT: 5.934 min Scan# 795
Delta R.T. -0.006 min
Lab File: VX048797.D
Acq: 10 Dec 2025 10:10

Tgt Ion: 65 Resp: 98828

Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	107.4



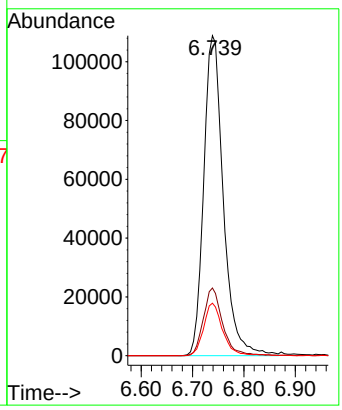


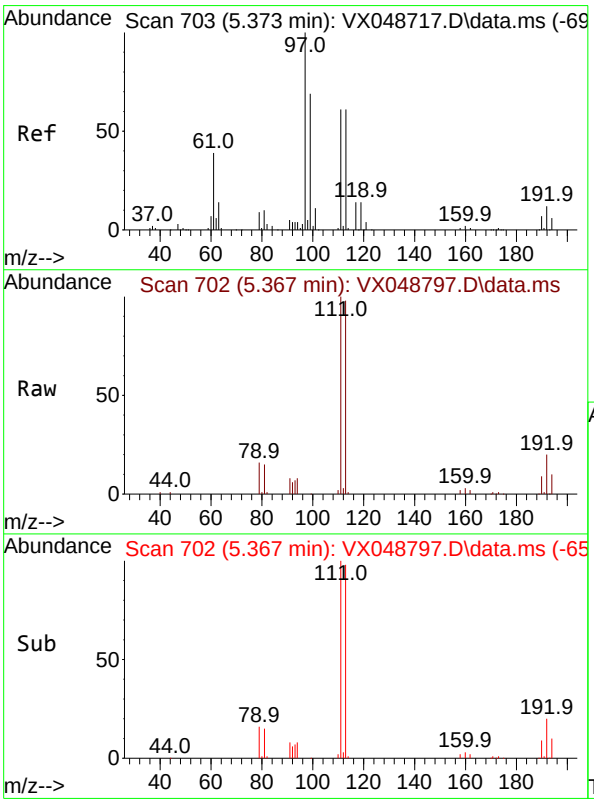
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.739 min Scan# 9
Delta R.T. -0.006 min
Lab File: VX048797.D
Acq: 10 Dec 2025 10:10

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBL01

Tgt Ion:114 Resp: 288257

Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	39.0
88	16.4	0.0	31.8

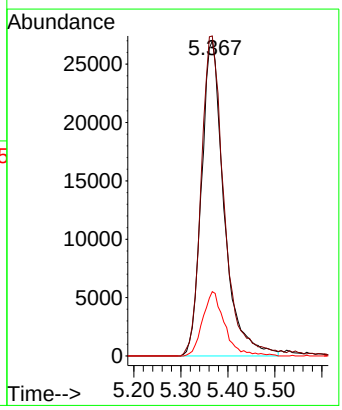


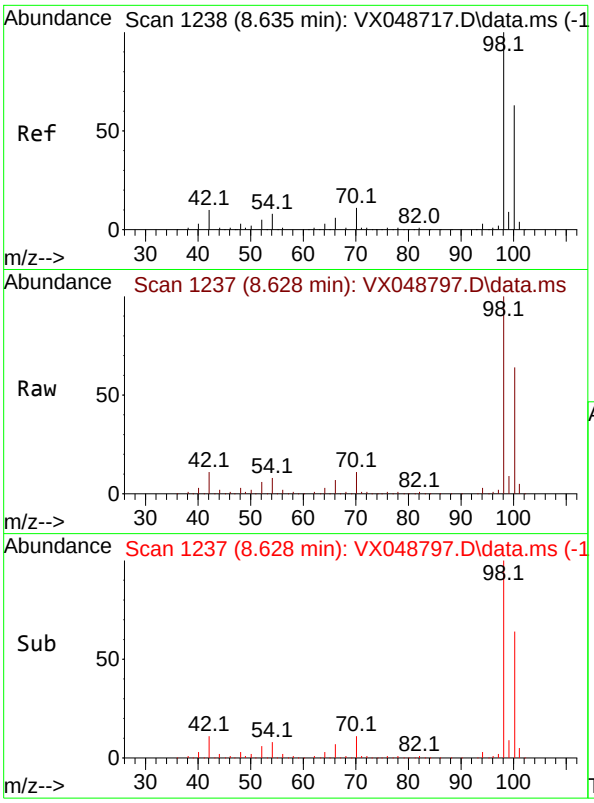


#35
Dibromofluoromethane
Concen: 45.172 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048797.D
Acq: 10 Dec 2025 10:10

Tgt Ion:113 Resp: 89655

Ion	Ratio	Lower	Upper
113	100		
111	103.4	79.5	119.3
192	20.1	16.1	24.1



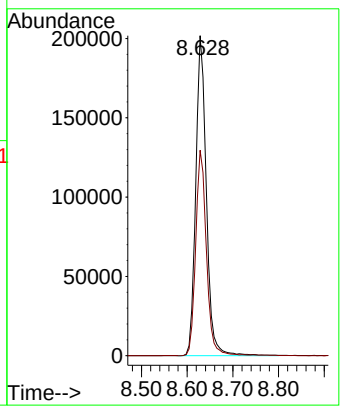


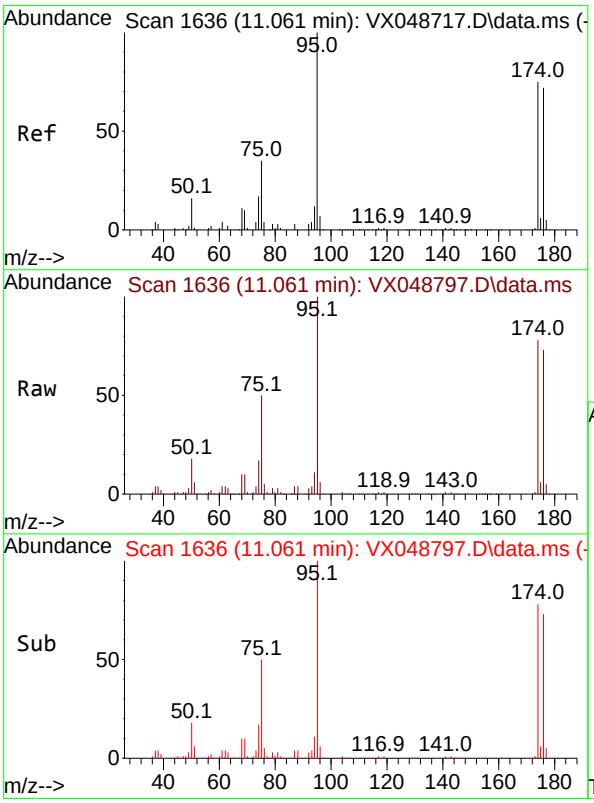
#50
Toluene-d8
Concen: 46.696 ug/l
RT: 8.628 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048797.D
Acq: 10 Dec 2025 10:10

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBL01

Tgt Ion: 98 Resp: 324876

Ion	Ratio	Lower	Upper
98	100		
100	65.2	53.4	80.0

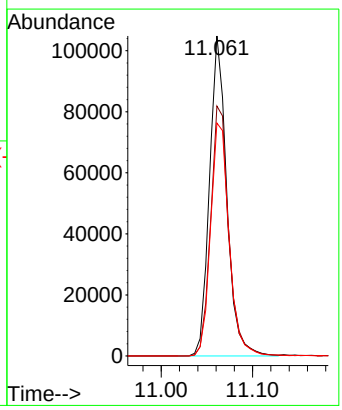


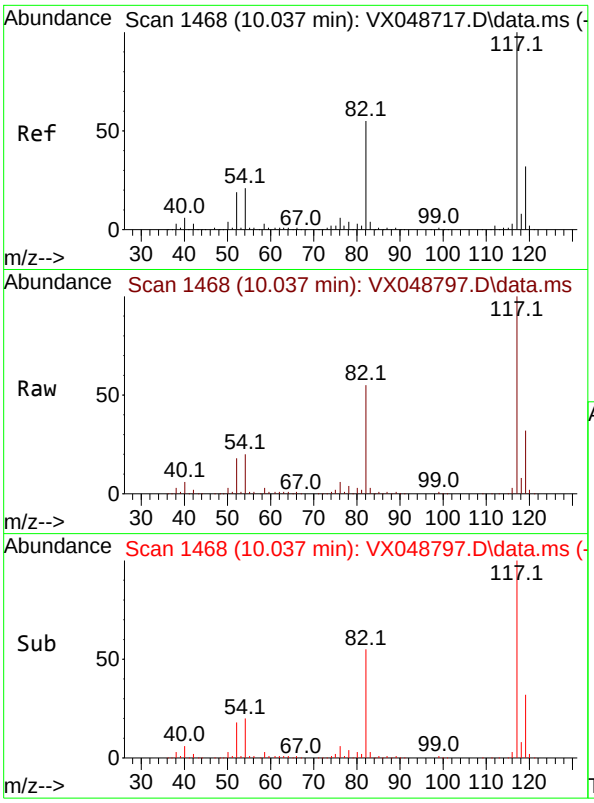


#62
4-Bromofluorobenzene
Concen: 57.242 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048797.D
Acq: 10 Dec 2025 10:10

Tgt Ion: 95 Resp: 137328

Ion	Ratio	Lower	Upper
95	100		
174	82.3	0.0	157.8
176	78.3	0.0	154.0



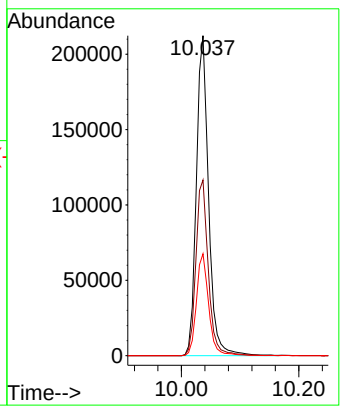


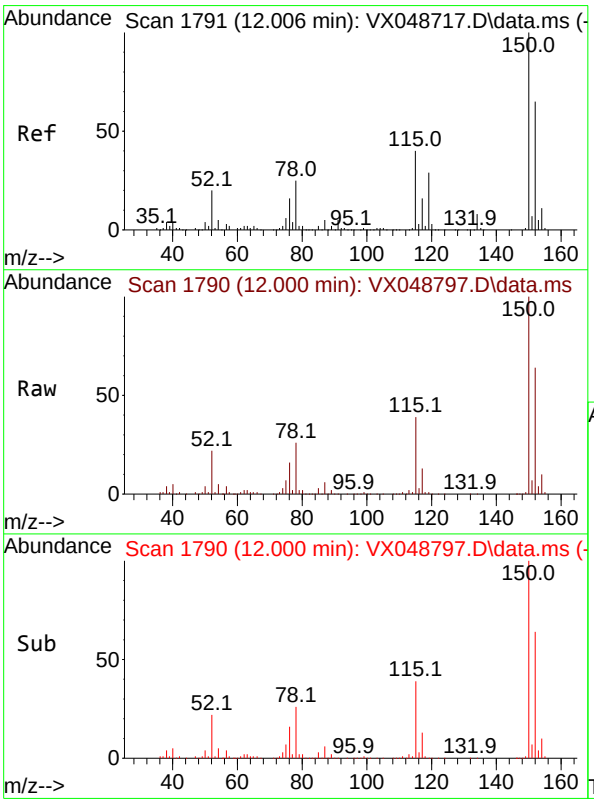
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048797.D
Acq: 10 Dec 2025 10:10

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBL01

Tgt Ion:117 Resp: 306883

Ion	Ratio	Lower	Upper
117	100		
82	54.9	44.1	66.1
119	31.9	25.2	37.8

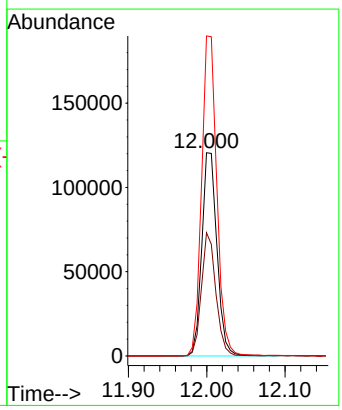




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.000 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VX048797.D
Acq: 10 Dec 2025 10:10

Tgt Ion:152 Resp: 162084

Ion	Ratio	Lower	Upper
152	100		
115	57.9	42.1	126.4
150	158.2	0.0	347.8



Raw Data: **VX048745.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:	VX1208WBS01	SDG No.:	Q3788
Lab Sample ID:	VX1208WBS01	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	19.8		1	0.26	1.00	ug/L	12/08/25 11:44	VX120825
75-35-4	1,1-Dichloroethene	19.2		1	0.23	1.00	ug/L	12/08/25 11:44	VX120825
75-34-3	1,1-Dichloroethane	20.8		1	0.23	1.00	ug/L	12/08/25 11:44	VX120825
156-59-2	cis-1,2-Dichloroethene	19.9		1	0.19	1.00	ug/L	12/08/25 11:44	VX120825
71-55-6	1,1,1-Trichloroethane	20.1		1	0.20	1.00	ug/L	12/08/25 11:44	VX120825
71-43-2	Benzene	18.8		1	0.15	1.00	ug/L	12/08/25 11:44	VX120825
107-06-2	1,2-Dichloroethane	21.4		1	0.22	1.00	ug/L	12/08/25 11:44	VX120825
79-01-6	Trichloroethene	17.6		1	0.090	1.00	ug/L	12/08/25 11:44	VX120825
79-00-5	1,1,2-Trichloroethane	21.7		1	0.21	1.00	ug/L	12/08/25 11:44	VX120825
127-18-4	Tetrachloroethene	16.5		1	0.23	1.00	ug/L	12/08/25 11:44	VX120825
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	56.7			70 (74) - 130 (125)	113%	SPK: 50		
1868-53-7	Dibromofluoromethane	50.4			70 (75) - 130 (124)	101%	SPK: 50		
2037-26-5	Toluene-d8	50.6			70 (86) - 130 (113)	101%	SPK: 50		
460-00-4	4-Bromofluorobenzene	58.8			70 (77) - 130 (121)	118%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	178000							
540-36-3	1,4-Difluorobenzene	299000							
3114-55-4	Chlorobenzene-d5	311000							
3855-82-1	1,4-Dichlorobenzene-d4	158000							

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\VX120825\
Data File : VX048745.D
Acq On : 08 Dec 2025 11:44
Operator : JC/MD
Sample : VX1208WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 09 04:06:52 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 :
VX1208WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 12/09/2025
Supervised By :Mahesh Dadoda 12/09/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.531	168	178446	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.738	114	298973	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	311271	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.000	152	157846	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.928	65	135832	56.713	ug/l	-0.01
Spiked Amount 50.000	Range 78 - 117		Recovery = 113.420%			
35) Dibromofluoromethane	5.367	113	103655	50.354	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.700%			
50) Toluene-d8	8.628	98	364834	50.560	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.120%			
62) 4-Bromofluorobenzene	11.061	95	146293	58.794	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 117.580%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	41301	22.716	ug/l	100
3) Chloromethane	1.300	50	44715	19.489	ug/l	99
4) Vinyl Chloride	1.380	62	48480	19.841	ug/l	99
5) Bromomethane	1.617	94	33887	22.441	ug/l	96
6) Chloroethane	1.697	64	30088	19.785	ug/l	96
7) Trichlorofluoromethane	1.898	101	71250	20.345	ug/l	99
8) Diethyl Ether	2.130	74	26662	19.074	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.337	101	39901	19.653	ug/l	97
10) Methyl Iodide	2.453	142	50587	17.502	ug/l	97
11) Tert butyl alcohol	2.928	59	39487	102.117	ug/l	99
12) 1,1-Dichloroethene	2.325	96	39681	19.150	ug/l	94
13) Acrolein	2.233	56	38865	127.548	ug/l	98
14) Allyl chloride	2.666	41	73696	21.184	ug/l	96
15) Acrylonitrile	3.050	53	121301	100.674	ug/l	98
16) Acetone	2.367	43	99898	108.954	ug/l	91
17) Carbon Disulfide	2.514	76	112473	18.691	ug/l	99
18) Methyl Acetate	2.690	43	55490	21.510	ug/l	96
19) Methyl tert-butyl Ether	3.099	73	137477	20.386	ug/l	100
20) Methylene Chloride	2.788	84	46445	20.266	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	38834	18.362	ug/l	97
22) Diisopropyl ether	3.745	45	138676	21.329	ug/l	99
23) Vinyl Acetate	3.709	43	614319	112.447	ug/l	95
24) 1,1-Dichloroethane	3.599	63	75325	20.775	ug/l	99
25) 2-Butanone	4.532	43	153848	113.689	ug/l #	89
26) 2,2-Dichloropropane	4.452	77	65032	20.271	ug/l	97
27) cis-1,2-Dichloroethene	4.471	96	47580	19.937	ug/l	94
28) Bromochloromethane	4.879	49	38829	21.849	ug/l	84
29) Tetrahydrofuran	4.971	42	103797	100.452	ug/l	95
30) Chloroform	5.068	83	78114	20.107	ug/l	93
31) Cyclohexane	5.452	56	60315	18.632	ug/l	99
32) 1,1,1-Trichloroethane	5.361	97	69881	20.075	ug/l	96
36) 1,1-Dichloropropene	5.672	75	50056	17.754	ug/l	99
37) Ethyl Acetate	4.690	43	72073	21.393	ug/l	96
38) Carbon Tetrachloride	5.659	117	61250	19.179	ug/l	93
39) Methylcyclohexane	7.360	83	57003	17.098	ug/l	97
40) Benzene	6.019	78	157310	18.821	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120825\
Data File : VX048745.D
Acq On : 08 Dec 2025 11:44
Operator : JC/MD
Sample : VX1208WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 09 04:06:52 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 :
VX1208WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 12/09/2025
Supervised By :Mahesh Dadoda 12/09/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.891	41	31647	20.646	ug/l		94
42) 1,2-Dichloroethane	6.068	62	63162	21.351	ug/l		93
43) Isopropyl Acetate	6.312	43	105648	20.710	ug/l		94
44) Trichloroethene	7.104	130	38336	17.578	ug/l		94
45) 1,2-Dichloropropane	7.409	63	38148	18.261	ug/l		99
46) Dibromomethane	7.562	93	29948	18.904	ug/l		95
47) Bromodichloromethane	7.799	83	62155	18.818	ug/l		97
48) Methyl methacrylate	7.671	41	49411	19.255	ug/l		94
49) 1,4-Dioxane	7.641	88	11933	338.111	ug/l		95
51) 4-Methyl-2-Pentanone	8.549	43	333290	105.257	ug/l		96
52) Toluene	8.702	92	98537	19.551	ug/l		99
53) t-1,3-Dichloropropene	8.958	75	62916	20.022	ug/l		98
54) cis-1,3-Dichloropropene	8.348	75	65243	19.320	ug/l		94
55) 1,1,2-Trichloroethane	9.134	97	44019	21.707	ug/l		99
56) Ethyl methacrylate	9.098	69	67147	21.154	ug/l		97
57) 1,3-Dichloropropane	9.287	76	69273	20.543	ug/l		97
58) 2-Chloroethyl Vinyl ether	8.220	63	152119	88.668	ug/l		97
59) 2-Hexanone	9.409	43	232393	104.551	ug/l		98
60) Dibromochloromethane	9.500	129	53723	21.424	ug/l		100
61) 1,2-Dibromoethane	9.592	107	46114	21.010	ug/l		99
64) Tetrachloroethene	9.256	164	37431	16.498	ug/l		97
65) Chlorobenzene	10.061	112	118471	17.388	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.146	131	42596	17.479	ug/l		99
67) Ethyl Benzene	10.177	91	198185	17.826	ug/l		100
68) m/p-Xylenes	10.281	106	155889	35.995	ug/l		96
69) o-Xylene	10.622	106	73460	18.102	ug/l		97
70) Styrene	10.634	104	126903	18.215	ug/l		99
71) Bromoform	10.780	173	37658	17.309	ug/l	#	99
73) Isopropylbenzene	10.945	105	188979	17.766	ug/l		99
74) N-amyl acetate	10.823	43	81515	17.637	ug/l		96
75) 1,1,2,2-Tetrachloroethane	11.195	83	63497	17.692	ug/l		99
76) 1,2,3-Trichloropropane	11.219	75	49341m	16.783	ug/l		
77) Bromobenzene	11.183	156	50590	17.819	ug/l		93
78) n-propylbenzene	11.286	91	218787	17.759	ug/l		98
79) 2-Chlorotoluene	11.347	91	131768	17.540	ug/l		97
80) 1,3,5-Trimethylbenzene	11.433	105	154012	17.615	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.000	75	20596	16.641	ug/l		90
82) 4-Chlorotoluene	11.433	91	156772	17.883	ug/l		98
83) tert-Butylbenzene	11.695	119	158909	17.491	ug/l		98
84) 1,2,4-Trimethylbenzene	11.732	105	158196	17.937	ug/l		99
85) sec-Butylbenzene	11.872	105	190539	17.306	ug/l		98
86) p-Isopropyltoluene	11.988	119	164163	17.443	ug/l		100
87) 1,3-Dichlorobenzene	11.951	146	90505	17.292	ug/l		99
88) 1,4-Dichlorobenzene	12.024	146	92718	17.143	ug/l		99
89) n-Butylbenzene	12.311	91	144814	16.434	ug/l		99
90) Hexachloroethane	12.518	117	30759	16.013	ug/l		97
91) 1,2-Dichlorobenzene	12.317	146	85738	16.897	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.920	75	13707	15.692	ug/l		95
93) 1,2,4-Trichlorobenzene	13.567	180	55758	16.638	ug/l		99
94) Hexachlorobutadiene	13.707	225	21763	15.700	ug/l		99
95) Naphthalene	13.756	128	177703	20.256	ug/l		100
96) 1,2,3-Trichlorobenzene	13.938	180	52737	17.064	ug/l		99

Sample Results: **VX048745.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120825\
Data File : VX048745.D
Acq On : 08 Dec 2025 11:44
Operator : JC/MD
Sample : VX1208WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 09 04:06:52 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 :
VX1208WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 12/09/2025
Supervised By :Mahesh Dadoda 12/09/2025

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

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

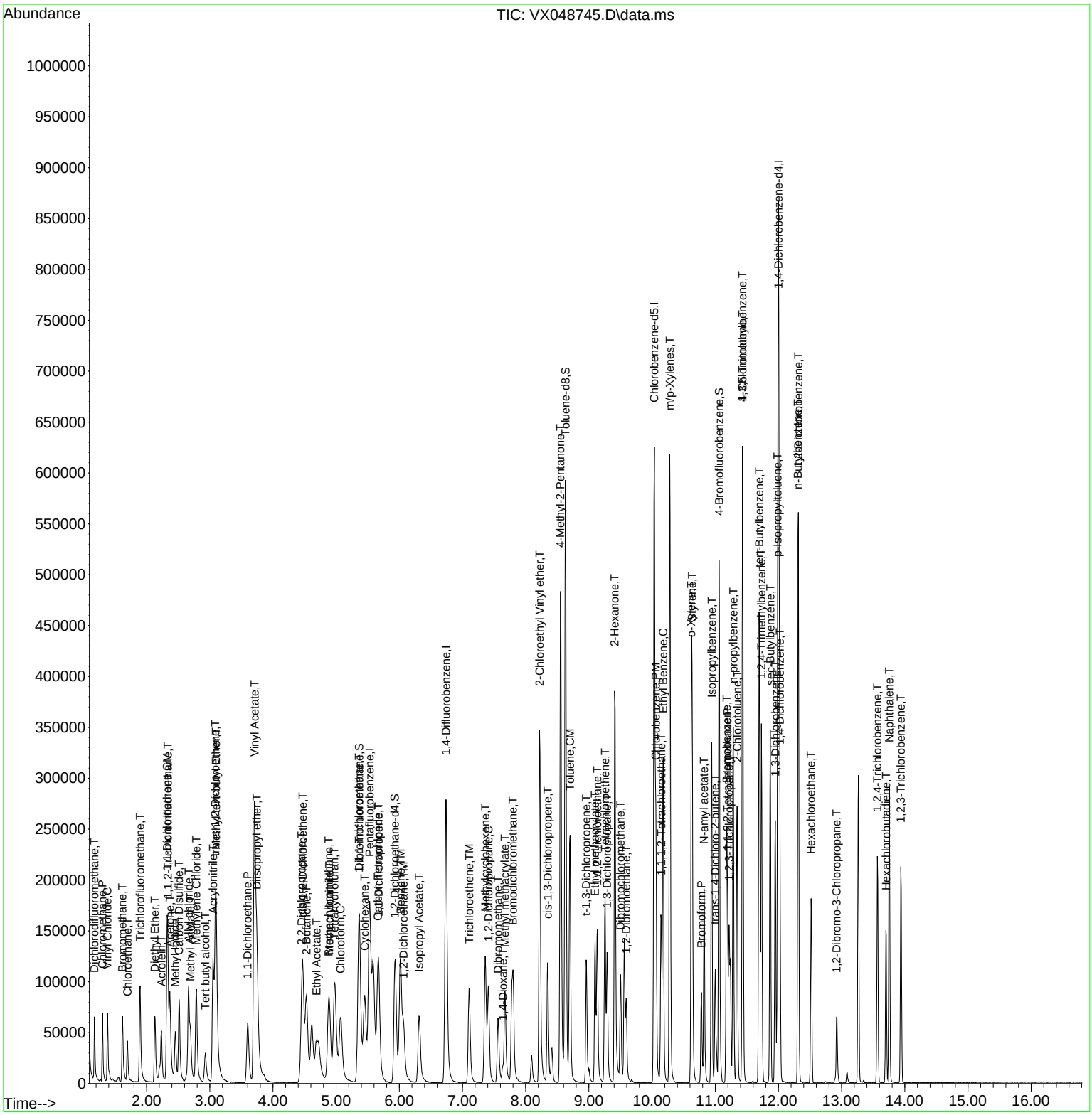
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120825\
Data File : VX048745.D
Acq On : 08 Dec 2025 11:44
Operator : JC/MD
Sample : VX1208WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 09 04:06:52 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 :
VX1208WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 12/09/2025
Supervised By :Mahesh Dadoda 12/09/2025



Raw Data: **VX048773.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:	VX1209WBS02	SDG No.:	Q3788
Lab Sample ID:	VX1209WBS02	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	17.5		1	0.26	1.00	ug/L	12/09/25 11:24	VX120925
75-35-4	1,1-Dichloroethene	17.0		1	0.23	1.00	ug/L	12/09/25 11:24	VX120925
75-34-3	1,1-Dichloroethane	19.5		1	0.23	1.00	ug/L	12/09/25 11:24	VX120925
156-59-2	cis-1,2-Dichloroethene	19.1		1	0.19	1.00	ug/L	12/09/25 11:24	VX120925
71-55-6	1,1,1-Trichloroethane	18.6		1	0.20	1.00	ug/L	12/09/25 11:24	VX120925
71-43-2	Benzene	18.5		1	0.15	1.00	ug/L	12/09/25 11:24	VX120925
107-06-2	1,2-Dichloroethane	18.9		1	0.22	1.00	ug/L	12/09/25 11:24	VX120925
79-01-6	Trichloroethene	17.5		1	0.090	1.00	ug/L	12/09/25 11:24	VX120925
79-00-5	1,1,2-Trichloroethane	19.3		1	0.21	1.00	ug/L	12/09/25 11:24	VX120925
127-18-4	Tetrachloroethene	17.0		1	0.23	1.00	ug/L	12/09/25 11:24	VX120925
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	46.5			70 (74) - 130 (125)	93%	SPK: 50		
1868-53-7	Dibromofluoromethane	44.7			70 (75) - 130 (124)	89%	SPK: 50		
2037-26-5	Toluene-d8	45.0			70 (86) - 130 (113)	90%	SPK: 50		
460-00-4	4-Bromofluorobenzene	46.4			70 (77) - 130 (121)	93%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	173000							
540-36-3	1,4-Difluorobenzene	289000							
3114-55-4	Chlorobenzene-d5	260000							
3855-82-1	1,4-Dichlorobenzene-d4	128000							

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: **VX048773.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120925\
Data File : VX048773.D
Acq On : 09 Dec 2025 11:24
Operator : JC/MD
Sample : VX1209WBS02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 10 00:16:02 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 :
VX1209WBS02

Manual Integrations APPROVED

Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.531	168	172951	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.739	114	289026	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	260322	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.000	152	127982	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	107937	46.498	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.000%		
35) Dibromofluoromethane	5.361	113	88867	44.656	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.320%		
50) Toluene-d8	8.628	98	313766	44.979	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	89.960%#		
62) 4-Bromofluorobenzene	11.061	95	111703	46.437	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.880%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	38081	21.610	ug/l	97
3) Chloromethane	1.300	50	40559	18.240	ug/l	99
4) Vinyl Chloride	1.380	62	41549	17.544	ug/l	97
5) Bromomethane	1.617	94	28865	19.723	ug/l	100
6) Chloroethane	1.697	64	25421	17.247	ug/l	96
7) Trichlorofluoromethane	1.898	101	60483	17.819	ug/l	95
8) Diethyl Ether	2.130	74	23832	17.591	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.337	101	34664	17.616	ug/l	98
10) Methyl Iodide	2.453	142	49459	17.656	ug/l	98
11) Tert butyl alcohol	2.922	59	31921	85.173	ug/l	99
12) 1,1-Dichloroethene	2.325	96	34119	16.989	ug/l	95
13) Acrolein	2.233	56	35540	122.612	ug/l	97
14) Allyl chloride	2.666	41	65989	19.571	ug/l	99
15) Acrylonitrile	3.050	53	116893	100.098	ug/l	98
16) Acetone	2.367	43	89026	100.181	ug/l	97
17) Carbon Disulfide	2.514	76	100701	17.266	ug/l	98
18) Methyl Acetate	2.690	43	48622	19.446	ug/l	98
19) Methyl tert-butyl Ether	3.099	73	124108	18.988	ug/l	99
20) Methylene Chloride	2.788	84	39649	17.850	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	36986	18.044	ug/l	99
22) Diisopropyl ether	3.739	45	130955	20.781	ug/l	84
23) Vinyl Acetate	3.702	43	559797	105.722	ug/l	97
24) 1,1-Dichloroethane	3.605	63	68569	19.513	ug/l	99
25) 2-Butanone	4.526	43	140416	107.060	ug/l	94
26) 2,2-Dichloropropane	4.458	77	57568	18.514	ug/l	98
27) cis-1,2-Dichloroethene	4.471	96	44176	19.099	ug/l	93
28) Bromochloromethane	4.885	49	33569	19.490	ug/l	84
29) Tetrahydrofuran	4.971	42	98618	98.473	ug/l	95
30) Chloroform	5.074	83	71019	18.861	ug/l	98
31) Cyclohexane	5.446	56	60101	19.156	ug/l	90
32) 1,1,1-Trichloroethane	5.367	97	62884	18.639	ug/l	98
36) 1,1-Dichloropropene	5.672	75	48110	17.651	ug/l	97
37) Ethyl Acetate	4.684	43	68083	20.904	ug/l	98
38) Carbon Tetrachloride	5.659	117	55496	17.975	ug/l	96
39) Methylcyclohexane	7.360	83	57786	17.929	ug/l	97
40) Benzene	6.019	78	149794	18.539	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120925\
Data File : VX048773.D
Acq On : 09 Dec 2025 11:24
Operator : JC/MD
Sample : VX1209WBS02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 10 00:16:02 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 :
VX1209WBS02

Manual Integrations APPROVED

Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.903	41	31012	20.928	ug/l		93
42) 1,2-Dichloroethane	6.068	62	54177	18.944	ug/l		96
43) Isopropyl Acetate	6.312	43	94882	19.239	ug/l		95
44) Trichloroethene	7.104	130	36998	17.549	ug/l		90
45) 1,2-Dichloropropane	7.409	63	38261	18.945	ug/l		100
46) Dibromomethane	7.568	93	28326	18.495	ug/l		98
47) Bromodichloromethane	7.799	83	57651	18.055	ug/l		98
48) Methyl methacrylate	7.671	41	46293	18.660	ug/l		98
49) 1,4-Dioxane	7.635	88	10003	293.180	ug/l		96
51) 4-Methyl-2-Pentanone	8.549	43	309825	101.214	ug/l		97
52) Toluene	8.702	92	94496	19.394	ug/l		100
53) t-1,3-Dichloropropene	8.958	75	58051	19.110	ug/l		98
54) cis-1,3-Dichloropropene	8.348	75	62775	19.228	ug/l		98
55) 1,1,2-Trichloroethane	9.134	97	37754	19.258	ug/l		98
56) Ethyl methacrylate	9.098	69	60442	19.697	ug/l		99
57) 1,3-Dichloropropane	9.287	76	63894	19.600	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.220	63	152612	92.017	ug/l		97
59) 2-Hexanone	9.409	43	223072	103.811	ug/l		99
60) Dibromochloromethane	9.500	129	45837	18.908	ug/l		98
61) 1,2-Dibromoethane	9.592	107	40677	19.171	ug/l		100
64) Tetrachloroethene	9.256	164	32279	17.011	ug/l		97
65) Chlorobenzene	10.061	112	101616	17.833	ug/l		97
66) 1,1,1,2-Tetrachloroethane	10.140	131	36523	17.920	ug/l		98
67) Ethyl Benzene	10.177	91	172469	18.549	ug/l		98
68) m/p-Xylenes	10.281	106	133567	36.877	ug/l		99
69) o-Xylene	10.622	106	64240	18.928	ug/l		98
70) Styrene	10.634	104	110143	18.904	ug/l		98
71) Bromoform	10.780	173	31426	17.271	ug/l	#	99
73) Isopropylbenzene	10.945	105	164703	19.097	ug/l		100
74) N-amyl acetate	10.823	43	79173	21.128	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.195	83	55673	19.131	ug/l		98
76) 1,2,3-Trichloropropane	11.219	75	45308m	19.007	ug/l		
77) Bromobenzene	11.177	156	41826	18.170	ug/l		99
78) n-propylbenzene	11.286	91	194276	19.449	ug/l		100
79) 2-Chlorotoluene	11.347	91	116511	19.128	ug/l		100
80) 1,3,5-Trimethylbenzene	11.433	105	133756	18.868	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.000	75	19172	19.105	ug/l		94
82) 4-Chlorotoluene	11.433	91	136381	19.187	ug/l		99
83) tert-Butylbenzene	11.695	119	132907	18.043	ug/l		98
84) 1,2,4-Trimethylbenzene	11.732	105	135838	18.995	ug/l		99
85) sec-Butylbenzene	11.872	105	170558	19.106	ug/l		100
86) p-Isopropyltoluene	11.988	119	142787	18.712	ug/l		99
87) 1,3-Dichlorobenzene	11.951	146	76521	18.032	ug/l		99
88) 1,4-Dichlorobenzene	12.024	146	79274	18.077	ug/l		98
89) n-Butylbenzene	12.311	91	131918	18.464	ug/l		99
90) Hexachloroethane	12.518	117	26593	17.075	ug/l		98
91) 1,2-Dichlorobenzene	12.317	146	74334	18.068	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.920	75	12345	17.431	ug/l		96
93) 1,2,4-Trichlorobenzene	13.567	180	46131	16.977	ug/l		99
94) Hexachlorobutadiene	13.701	225	18539	16.495	ug/l		97
95) Naphthalene	13.756	128	146332	20.573	ug/l		99
96) 1,2,3-Trichlorobenzene	13.938	180	43539	17.375	ug/l		98

Sample Results: **VX048773.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120925\
Data File : VX048773.D
Acq On : 09 Dec 2025 11:24
Operator : JC/MD
Sample : VX1209WBS02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 10 00:16:02 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 :
VX1209WBS02

Manual Integrations APPROVED

Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025

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

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

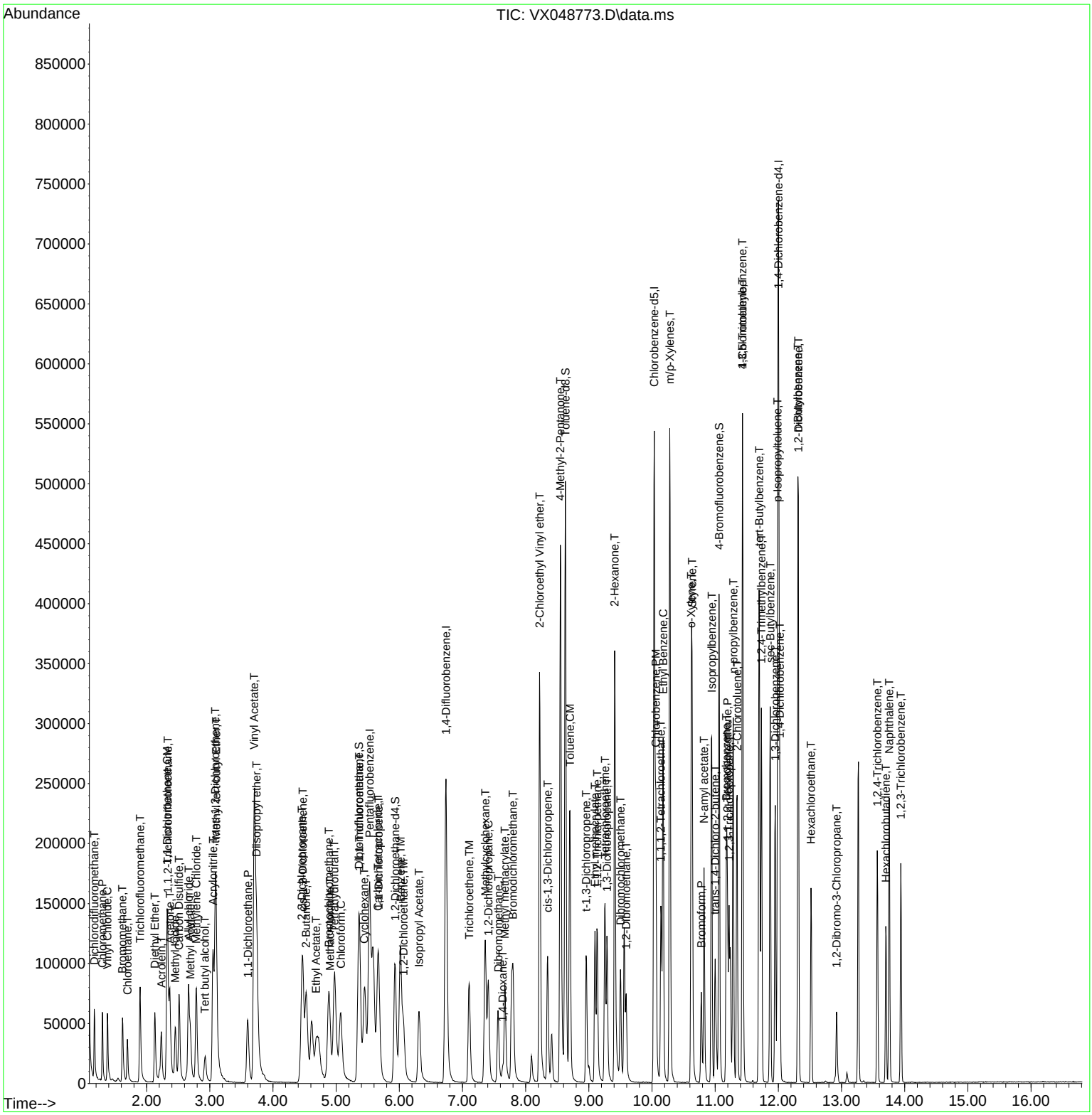
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120925\
Data File : VX048773.D
Acq On : 09 Dec 2025 11:24
Operator : JC/MD
Sample : VX1209WBS02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 10 00:16:02 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 :
VX1209WBS02

Manual Integrations APPROVED

Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025



Raw Data: **VX048799.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:	VX1210WBS01	SDG No.:	Q3788
Lab Sample ID:	VX1210WBS01	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	12/10/25 10:58	VX121025
75-35-4	1,1-Dichloroethene	16.9		1	0.23	1.00	ug/L	12/10/25 10:58	VX121025
75-34-3	1,1-Dichloroethane	19.8		1	0.23	1.00	ug/L	12/10/25 10:58	VX121025
156-59-2	cis-1,2-Dichloroethene	19.7		1	0.19	1.00	ug/L	12/10/25 10:58	VX121025
71-55-6	1,1,1-Trichloroethane	18.2		1	0.20	1.00	ug/L	12/10/25 10:58	VX121025
71-43-2	Benzene	18.6		1	0.15	1.00	ug/L	12/10/25 10:58	VX121025
107-06-2	1,2-Dichloroethane	18.9		1	0.22	1.00	ug/L	12/10/25 10:58	VX121025
79-01-6	Trichloroethene	17.9		1	0.090	1.00	ug/L	12/10/25 10:58	VX121025
79-00-5	1,1,2-Trichloroethane	19.4		1	0.21	1.00	ug/L	12/10/25 10:58	VX121025
127-18-4	Tetrachloroethene	16.3		1	0.23	1.00	ug/L	12/10/25 10:58	VX121025
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	54.9			70 (74) - 130 (125)	110%	SPK: 50		
1868-53-7	Dibromofluoromethane	50.9			70 (75) - 130 (124)	102%	SPK: 50		
2037-26-5	Toluene-d8	49.2			70 (86) - 130 (113)	98%	SPK: 50		
460-00-4	4-Bromofluorobenzene	53.7			70 (77) - 130 (121)	107%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	153000							
540-36-3	1,4-Difluorobenzene	261000							
3114-55-4	Chlorobenzene-d5	237000							
3855-82-1	1,4-Dichlorobenzene-d4	124000							

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\VX121025\
Data File : VX048799.D
Acq On : 10 Dec 2025 10:58
Operator : JC/MD
Sample : VX1210WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 11 00:19:13 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 :
VX1210WBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/11/2025
Supervised By :Semsettin Yesilyurt 12/11/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.532	168	153473	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.739	114	261026	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	236663	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	123629	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	113079	54.896	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.800%			
35) Dibromofluoromethane	5.367	113	91472	50.895	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.800%			
50) Toluene-d8	8.629	98	309867	49.185	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.380%			
62) 4-Bromofluorobenzene	11.061	95	116717	53.726	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.460%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	32364	20.697	ug/l	98
3) Chloromethane	1.301	50	35090	17.783	ug/l	100
4) Vinyl Chloride	1.380	62	35160	16.731	ug/l	96
5) Bromomethane	1.618	94	26138	20.126	ug/l	100
6) Chloroethane	1.697	64	21108	16.139	ug/l	97
7) Trichlorofluoromethane	1.898	101	50890	16.896	ug/l	99
8) Diethyl Ether	2.130	74	21221	17.652	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	29535	16.915	ug/l	98
10) Methyl Iodide	2.453	142	42780	17.210	ug/l	99
11) Tert butyl alcohol	2.928	59	33819	101.690	ug/l	99
12) 1,1-Dichloroethene	2.325	96	30092	16.885	ug/l	94
13) Acrolein	2.233	56	29078	116.183	ug/l	98
14) Allyl chloride	2.666	41	57512	19.222	ug/l	98
15) Acrylonitrile	3.050	53	104393	100.740	ug/l	97
16) Acetone	2.368	43	72041	91.357	ug/l	97
17) Carbon Disulfide	2.514	76	87274	16.863	ug/l	98
18) Methyl Acetate	2.697	43	46593	21.000	ug/l	99
19) Methyl tert-butyl Ether	3.099	73	112920	19.469	ug/l	99
20) Methylene Chloride	2.788	84	37424	18.987	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	32641	17.945	ug/l	94
22) Diisopropyl ether	3.745	45	116904	20.906	ug/l	95
23) Vinyl Acetate	3.709	43	503903	107.244	ug/l	97
24) 1,1-Dichloroethane	3.605	63	61629	19.763	ug/l	97
25) 2-Butanone	4.532	43	129063	110.893	ug/l	90
26) 2,2-Dichloropropane	4.459	77	50830	18.422	ug/l	100
27) cis-1,2-Dichloroethene	4.477	96	40384	19.675	ug/l	98
28) Bromochloromethane	4.879	49	28414	18.590	ug/l	88
29) Tetrahydrofuran	4.977	42	96129	108.169	ug/l	89
30) Chloroform	5.074	83	65330	19.552	ug/l	97
31) Cyclohexane	5.458	56	48299	17.348	ug/l	94
32) 1,1,1-Trichloroethane	5.361	97	54533	18.215	ug/l	96
36) 1,1-Dichloropropene	5.672	75	42128	17.114	ug/l	98
37) Ethyl Acetate	4.690	43	64281	21.854	ug/l	97
38) Carbon Tetrachloride	5.660	117	48751	17.484	ug/l	93
39) Methylcyclohexane	7.361	83	46361	15.927	ug/l	99
40) Benzene	6.019	78	135431	18.559	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121025\
Data File : VX048799.D
Acq On : 10 Dec 2025 10:58
Operator : JC/MD
Sample : VX1210WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 11 00:19:13 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 :
VX1210WBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/11/2025
Supervised By :Semsettin Yesilyurt 12/11/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.898	41	28007	20.927	ug/l		94
42) 1,2-Dichloroethane	6.062	62	48849	18.913	ug/l		97
43) Isopropyl Acetate	6.312	43	87088	19.553	ug/l		97
44) Trichloroethene	7.104	130	34053	17.884	ug/l		99
45) 1,2-Dichloropropane	7.409	63	34778	19.068	ug/l		99
46) Dibromomethane	7.562	93	25955	18.765	ug/l		98
47) Bromodichloromethane	7.806	83	51991	18.029	ug/l		99
48) Methyl methacrylate	7.671	41	42389	18.920	ug/l		97
49) 1,4-Dioxane	7.641	88	10942	355.103	ug/l		97
51) 4-Methyl-2-Pentanone	8.549	43	286166	103.513	ug/l		97
52) Toluene	8.702	92	81590	18.542	ug/l		97
53) t-1,3-Dichloropropene	8.958	75	53349	19.446	ug/l		100
54) cis-1,3-Dichloropropene	8.348	75	56368	19.118	ug/l		98
55) 1,1,2-Trichloroethane	9.135	97	34363	19.408	ug/l		97
56) Ethyl methacrylate	9.098	69	55208	19.921	ug/l		98
57) 1,3-Dichloropropane	9.293	76	57952	19.684	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.220	63	134999	90.129	ug/l		98
59) 2-Hexanone	9.409	43	205981	106.140	ug/l		99
60) Dibromochloromethane	9.500	129	41742	19.066	ug/l		99
61) 1,2-Dibromoethane	9.592	107	36893	19.253	ug/l		99
64) Tetrachloroethene	9.257	164	28110	16.295	ug/l		97
65) Chlorobenzene	10.061	112	92589	17.873	ug/l		96
66) 1,1,1,2-Tetrachloroethane	10.147	131	32798	17.701	ug/l		98
67) Ethyl Benzene	10.177	91	153845	18.200	ug/l		98
68) m/p-Xylenes	10.281	106	117680	35.739	ug/l		99
69) o-Xylene	10.622	106	56724	18.384	ug/l		100
70) Styrene	10.634	104	100712	19.013	ug/l		97
71) Bromoform	10.781	173	29323	17.727	ug/l	#	100
73) Isopropylbenzene	10.945	105	144763	17.376	ug/l		100
74) N-amyl acetate	10.823	43	70709	19.533	ug/l		98
75) 1,1,2,2-Tetrachloroethane	11.195	83	51287	18.245	ug/l		100
76) 1,2,3-Trichloropropane	11.220	75	40646m	17.652	ug/l		
77) Bromobenzene	11.177	156	38570	17.345	ug/l		97
78) n-propylbenzene	11.287	91	169660	17.583	ug/l		99
79) 2-Chlorotoluene	11.348	91	103446	17.581	ug/l		99
80) 1,3,5-Trimethylbenzene	11.433	105	119587	17.463	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.000	75	17237	17.782	ug/l		97
82) 4-Chlorotoluene	11.433	91	123216	17.945	ug/l		100
83) tert-Butylbenzene	11.695	119	118741	16.688	ug/l		100
84) 1,2,4-Trimethylbenzene	11.732	105	120936	17.507	ug/l		100
85) sec-Butylbenzene	11.872	105	143834	16.679	ug/l		98
86) p-Isopropyltoluene	11.988	119	123532	16.759	ug/l		99
87) 1,3-Dichlorobenzene	11.951	146	70441	17.184	ug/l		98
88) 1,4-Dichlorobenzene	12.024	146	72494	17.113	ug/l		99
89) n-Butylbenzene	12.317	91	113458	16.439	ug/l		99
90) Hexachloroethane	12.518	117	23343	15.516	ug/l		99
91) 1,2-Dichlorobenzene	12.317	146	66812	16.811	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.927	75	11419	16.691	ug/l		98
93) 1,2,4-Trichlorobenzene	13.567	180	41866	15.950	ug/l		98
94) Hexachlorobutadiene	13.707	225	16507	15.204	ug/l		96
95) Naphthalene	13.756	128	138162	20.107	ug/l		100
96) 1,2,3-Trichlorobenzene	13.945	180	40058	16.549	ug/l		98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121025\
Data File : VX048799.D
Acq On : 10 Dec 2025 10:58
Operator : JC/MD
Sample : VX1210WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/11/2025
Supervised By :Semsettin Yesilyurt 12/11/2025

Quant Time: Dec 11 00:19:13 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

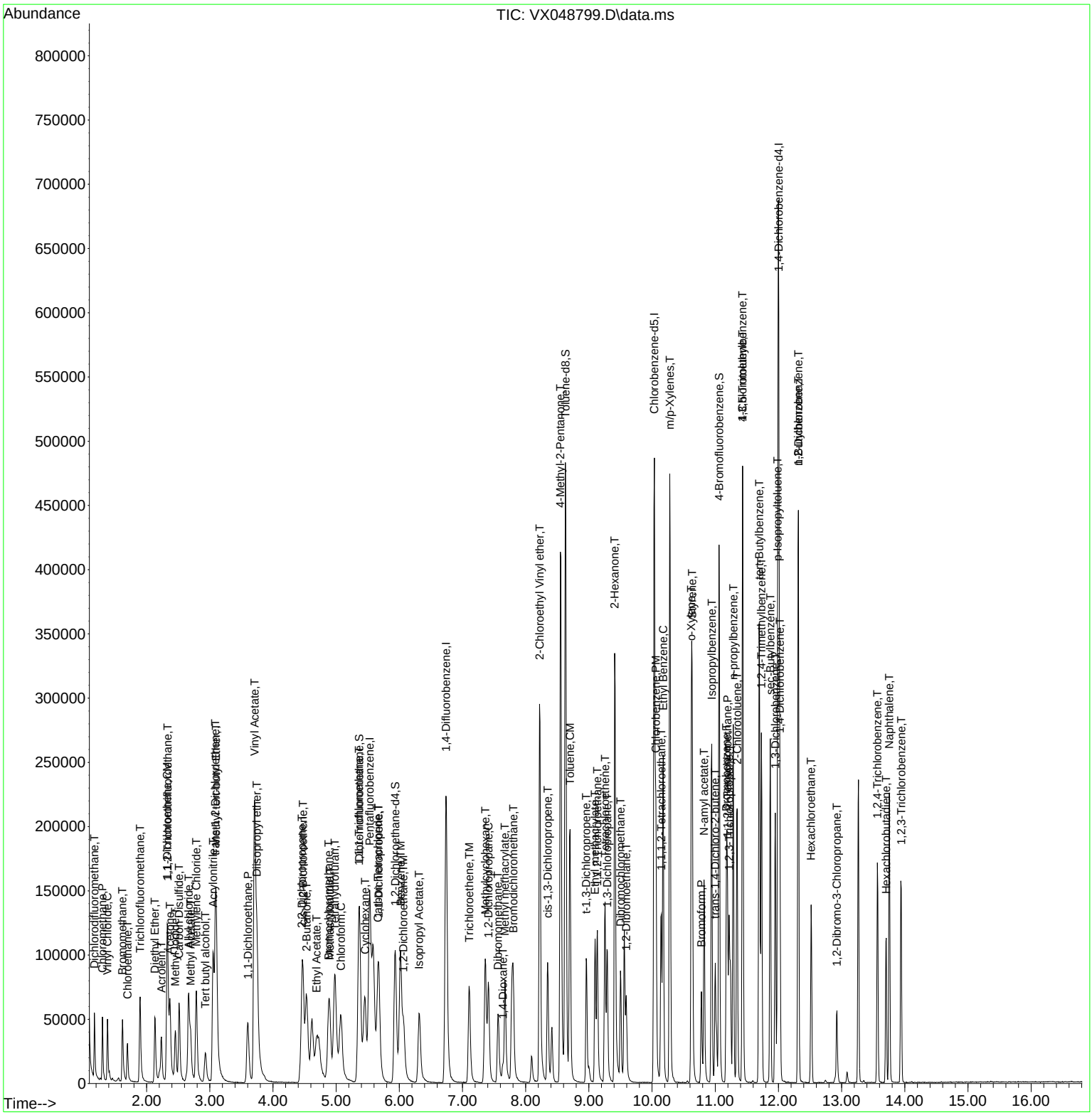
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121025\
Data File : VX048799.D
Acq On : 10 Dec 2025 10:58
Operator : JC/MD
Sample : VX1210WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 11 00:19:13 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 :
VX1210WBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/11/2025
Supervised By :Semsettin Yesilyurt 12/11/2025



Raw Data: **VX048793.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:	12/05/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	12/05/25
Client Sample ID:	OWBR-05-135-120525MS	SDG No.:	Q3788
Lab Sample ID:	Q3788-02MS	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	46.3		1	0.26	1.00	ug/L	12/09/25 18:12	VX120925
75-35-4	1,1-Dichloroethene	160	E	1	0.23	1.00	ug/L	12/09/25 18:12	VX120925
75-34-3	1,1-Dichloroethane	62.5		1	0.23	1.00	ug/L	12/09/25 18:12	VX120925
156-59-2	cis-1,2-Dichloroethene	140		1	0.19	1.00	ug/L	12/09/25 18:12	VX120925
71-55-6	1,1,1-Trichloroethane	47.5		1	0.20	1.00	ug/L	12/09/25 18:12	VX120925
71-43-2	Benzene	49.1		1	0.15	1.00	ug/L	12/09/25 18:12	VX120925
107-06-2	1,2-Dichloroethane	54.6		1	0.22	1.00	ug/L	12/09/25 18:12	VX120925
79-01-6	Trichloroethene	72.6		1	0.090	1.00	ug/L	12/09/25 18:12	VX120925
79-00-5	1,1,2-Trichloroethane	50.9		1	0.21	1.00	ug/L	12/09/25 18:12	VX120925
127-18-4	Tetrachloroethene	41.3		1	0.23	1.00	ug/L	12/09/25 18:12	VX120925
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	47.4			70 (74) - 130 (125)	95%	SPK: 50		
1868-53-7	Dibromofluoromethane	43.6			70 (75) - 130 (124)	87%	SPK: 50		
2037-26-5	Toluene-d8	43.6			70 (86) - 130 (113)	87%	SPK: 50		
460-00-4	4-Bromofluorobenzene	47.1			70 (77) - 130 (121)	94%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	136000							
540-36-3	1,4-Difluorobenzene	235000							
3114-55-4	Chlorobenzene-d5	213000							
3855-82-1	1,4-Dichlorobenzene-d4	107000							

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: **VX048793.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120925\
Data File : VX048793.D
Acq On : 09 Dec 2025 18:12
Operator : JC/MD
Sample : Q3788-02MS
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Dec 10 00:30:21 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

Instrument :
MSVOA_X
ClientSampleId :
OWBR-05-135-120525MS

Manual Integrations APPROVED

Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.538	168	135862	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	235253	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	212826	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	106800	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	86491	47.431	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 94.860%			
35) Dibromofluoromethane	5.367	113	70662	43.624	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 87.240%			
50) Toluene-d8	8.635	98	247323	43.559	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 87.120%#			
62) 4-Bromofluorobenzene	11.061	95	92199	47.090	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.180%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	73772	53.293	ug/l	98
3) Chloromethane	1.301	50	86461	49.496	ug/l	98
4) Vinyl Chloride	1.380	62	86180	46.324	ug/l	99
5) Bromomethane	1.618	94	58836	51.176	ug/l	99
6) Chloroethane	1.697	64	52239	45.118	ug/l	93
7) Trichlorofluoromethane	1.898	101	117779	44.173	ug/l	99
8) Diethyl Ether	2.136	74	51205	48.114	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.337	101	65619	42.452	ug/l	100
10) Methyl Iodide	2.459	142	109394	49.711	ug/l	100
11) Tert butyl alcohol	2.934	59	84817	288.095	ug/l	100
12) 1,1-Dichloroethene	2.325	96	256746	162.740	ug/l	95
13) Acrolein	2.233	56	77904	270.202	ug/l	99
14) Allyl chloride	2.666	41	141576	53.451	ug/l	99
15) Acrylonitrile	3.056	53	261289	284.829	ug/l	99
16) Acetone	2.374	43	213792	306.257	ug/l	99
17) Carbon Disulfide	2.514	76	225734	49.271	ug/l	99
18) Methyl Acetate	2.697	43	108805	55.396	ug/l	100
19) Methyl tert-butyl Ether	3.105	73	276190	53.793	ug/l	98
20) Methylene Chloride	2.788	84	85693	49.111	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	96662	60.032	ug/l	92
22) Diisopropyl ether	3.751	45	276574	55.870	ug/l	98
23) Vinyl Acetate	3.709	43	1228265	295.293	ug/l	98
24) 1,1-Dichloroethane	3.605	63	172431	62.464	ug/l	99
25) 2-Butanone	4.532	43	338813	328.849	ug/l	94
26) 2,2-Dichloropropane	4.471	77	117054	47.923	ug/l	91
27) cis-1,2-Dichloroethene	4.477	96	250899	138.086	ug/l	98
28) Bromochloromethane	4.885	49	58780	43.443	ug/l	88
29) Tetrahydrofuran	4.983	42	230997	293.623	ug/l	94
30) Chloroform	5.080	83	152100	51.422	ug/l	98
31) Cyclohexane	5.458	56	109996	44.630	ug/l	95
32) 1,1,1-Trichloroethane	5.373	97	125868	47.493	ug/l	97
36) 1,1-Dichloropropene	5.684	75	95456	43.026	ug/l	98
37) Ethyl Acetate	4.696	43	141688	53.448	ug/l	99
38) Carbon Tetrachloride	5.666	117	110526	43.982	ug/l	96
39) Methylcyclohexane	7.367	83	107842	41.108	ug/l	97
40) Benzene	6.025	78	322873	49.092	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120925\
Data File : VX048793.D
Acq On : 09 Dec 2025 18:12
Operator : JC/MD
Sample : Q3788-02MS
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Dec 10 00:30:21 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

Instrument :
MSVOA_X
ClientSampleId :
OWBR-05-135-120525MS

Manual Integrations APPROVED

Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.898	41	67710	56.137	ug/l		96
42) 1,2-Dichloroethane	6.074	62	127152	54.623	ug/l		99
43) Isopropyl Acetate	6.318	43	210357	52.404	ug/l		97
44) Trichloroethene	7.111	130	124536	72.571	ug/l		96
45) 1,2-Dichloropropane	7.415	63	81628	49.658	ug/l		100
46) Dibromomethane	7.568	93	61457	49.301	ug/l		100
47) Bromodichloromethane	7.806	83	123473	47.508	ug/l		96
48) Methyl methacrylate	7.678	41	104806	51.903	ug/l		98
49) 1,4-Dioxane	7.641	88	36430	1311.794	ug/l		98
51) 4-Methyl-2-Pentanone	8.555	43	686301	275.449	ug/l		100
52) Toluene	8.702	92	201614	50.837	ug/l		99
53) t-1,3-Dichloropropene	8.964	75	129406	52.337	ug/l		98
54) cis-1,3-Dichloropropene	8.348	75	134574	50.643	ug/l		98
55) 1,1,2-Trichloroethane	9.135	97	81207	50.891	ug/l		95
56) Ethyl methacrylate	9.098	69	139651	55.912	ug/l		99
57) 1,3-Dichloropropane	9.293	76	136275	51.359	ug/l		99
59) 2-Hexanone	9.415	43	510215	291.712	ug/l		100
60) Dibromochloromethane	9.506	129	99011	50.179	ug/l		98
61) 1,2-Dibromoethane	9.592	107	87969	50.936	ug/l		100
64) Tetrachloroethene	9.257	164	64007	41.260	ug/l		98
65) Chlorobenzene	10.061	112	220538	47.341	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.147	131	78469	47.094	ug/l		99
67) Ethyl Benzene	10.177	91	370452	48.733	ug/l		100
68) m/p-Xylenes	10.287	106	282883	95.532	ug/l		98
69) o-Xylene	10.622	106	138772	50.013	ug/l		98
70) Styrene	10.634	104	241974	50.799	ug/l		99
71) Bromoform	10.781	173	72040	48.428	ug/l	#	99
73) Isopropylbenzene	10.945	105	341213	47.410	ug/l		100
74) N-amyl acetate	10.823	43	176401	56.410	ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.195	83	123420	50.823	ug/l		100
76) 1,2,3-Trichloropropane	11.220	75	99943m	50.243	ug/l		
77) Bromobenzene	11.177	156	92358	48.079	ug/l		96
78) n-propylbenzene	11.287	91	399588	47.938	ug/l		100
79) 2-Chlorotoluene	11.348	91	242953	47.798	ug/l		99
80) 1,3,5-Trimethylbenzene	11.433	105	279665	47.274	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.000	75	43166	51.547	ug/l	#	79
82) 4-Chlorotoluene	11.433	91	285817	48.186	ug/l		99
83) tert-Butylbenzene	11.695	119	285168	46.392	ug/l		99
84) 1,2,4-Trimethylbenzene	11.732	105	287351	48.152	ug/l		99
85) sec-Butylbenzene	11.872	105	340091	45.652	ug/l		99
86) p-Isopropyltoluene	11.988	119	288197	45.258	ug/l		100
87) 1,3-Dichlorobenzene	11.951	146	165194	46.649	ug/l		99
88) 1,4-Dichlorobenzene	12.024	146	169404	46.292	ug/l		99
89) n-Butylbenzene	12.311	91	263521	44.199	ug/l		100
90) Hexachloroethane	12.518	117	55057	42.363	ug/l		100
91) 1,2-Dichlorobenzene	12.317	146	161948	47.171	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.921	75	27689	46.850	ug/l		99
93) 1,2,4-Trichlorobenzene	13.567	180	100514	44.328	ug/l		98
94) Hexachlorobutadiene	13.707	225	37509	39.992	ug/l		96
95) Naphthalene	13.756	128	350323	53.803	ug/l		100
96) 1,2,3-Trichlorobenzene	13.939	180	96168	45.989	ug/l		99

Sample Results: **VX048793.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120925\
Data File : VX048793.D
Acq On : 09 Dec 2025 18:12
Operator : JC/MD
Sample : Q3788-02MS
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
OWBR-05-135-120525MS

Manual Integrations APPROVED

Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025

Quant Time: Dec 10 00:30:21 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)

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

Sample Results: **VX048793.D**

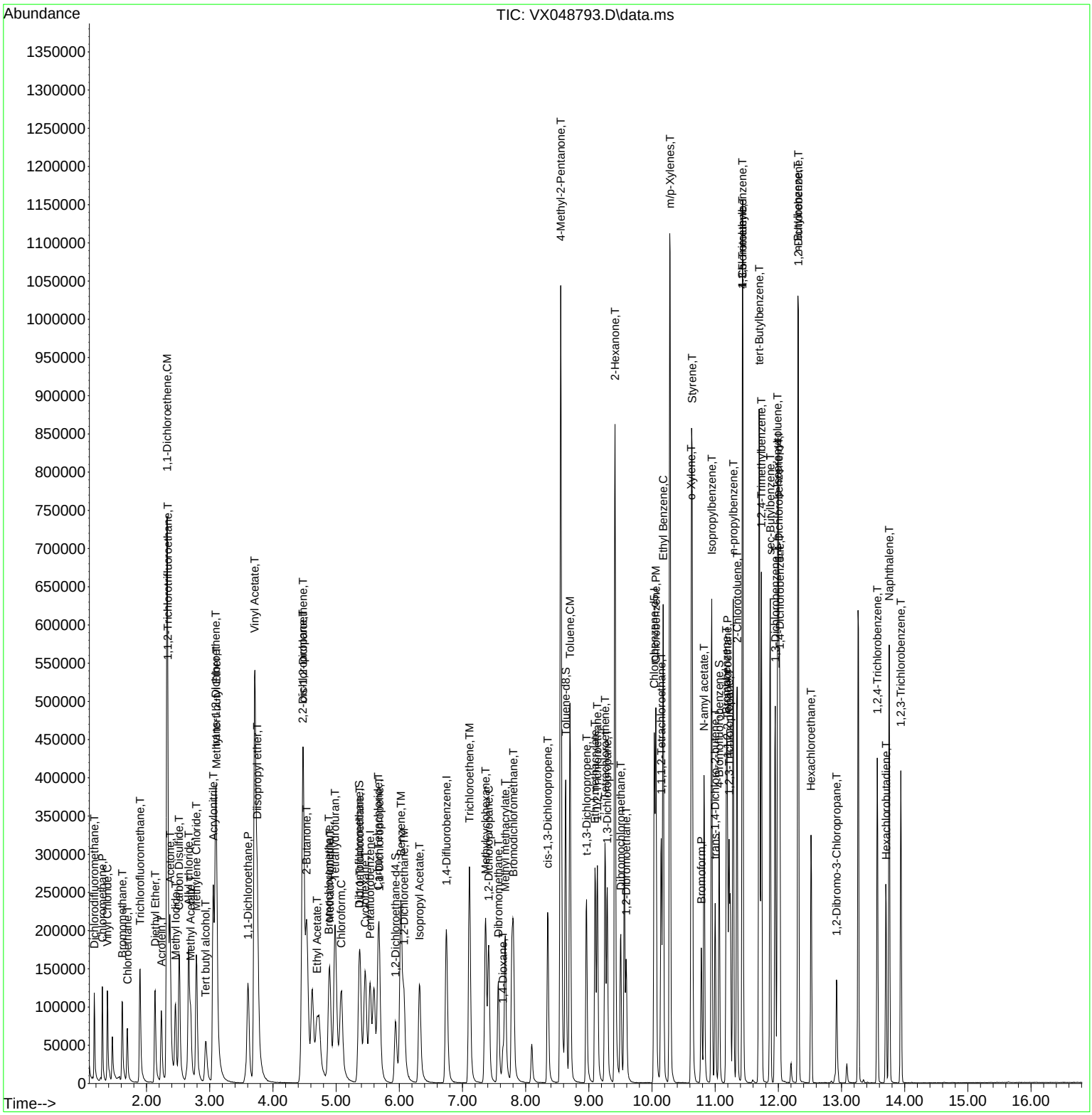
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120925\
Data File : VX048793.D
Acq On : 09 Dec 2025 18:12
Operator : JC/MD
Sample : Q3788-02MS
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Dec 10 00:30:21 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

Instrument :
MSVOA_X
ClientSampleId :
OWBR-05-135-120525MS

Manual Integrations APPROVED

Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025



Raw Data: **VX048776.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:	12/05/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	12/05/25
Client Sample ID:	OWBR-05-135-120525MSD	SDG No.:	Q3788
Lab Sample ID:	Q3788-03MSD	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	50.5		1	0.26	1.00	ug/L	12/09/25 12:25	VX120925
75-35-4	1,1-Dichloroethene	150		1	0.23	1.00	ug/L	12/09/25 12:25	VX120925
75-34-3	1,1-Dichloroethane	68.4		1	0.23	1.00	ug/L	12/09/25 12:25	VX120925
156-59-2	cis-1,2-Dichloroethene	140		1	0.19	1.00	ug/L	12/09/25 12:25	VX120925
71-55-6	1,1,1-Trichloroethane	53.0		1	0.20	1.00	ug/L	12/09/25 12:25	VX120925
71-43-2	Benzene	54.1		1	0.15	1.00	ug/L	12/09/25 12:25	VX120925
107-06-2	1,2-Dichloroethane	60.8		1	0.22	1.00	ug/L	12/09/25 12:25	VX120925
79-01-6	Trichloroethene	70.5		1	0.090	1.00	ug/L	12/09/25 12:25	VX120925
79-00-5	1,1,2-Trichloroethane	57.4		1	0.21	1.00	ug/L	12/09/25 12:25	VX120925
127-18-4	Tetrachloroethene	44.3		1	0.23	1.00	ug/L	12/09/25 12:25	VX120925
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	56.6			70 (74) - 130 (125)	113%	SPK: 50		
1868-53-7	Dibromofluoromethane	50.7			70 (75) - 130 (124)	101%	SPK: 50		
2037-26-5	Toluene-d8	49.3			70 (86) - 130 (113)	99%	SPK: 50		
460-00-4	4-Bromofluorobenzene	53.0			70 (77) - 130 (121)	106%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	136000							
540-36-3	1,4-Difluorobenzene	240000							
3114-55-4	Chlorobenzene-d5	217000							
3855-82-1	1,4-Dichlorobenzene-d4	110000							

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: **VX048776.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120925\
Data File : VX048776.D
Acq On : 09 Dec 2025 12:25
Operator : JC/MD
Sample : Q3788-03MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 10 00:18:37 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 :
OWBR-05-135-120525MSD

Manual Integrations APPROVED

Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.538	168	135940	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	240144	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	217048	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	109904	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	103307	56.620	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 113.240%			
35) Dibromofluoromethane	5.373	113	83892	50.736	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.480%			
50) Toluene-d8	8.635	98	285687	49.291	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.580%			
62) 4-Bromofluorobenzene	11.061	95	105889	52.981	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.960%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	81540	58.870	ug/l	97
3) Chloromethane	1.301	50	95748	54.781	ug/l	98
4) Vinyl Chloride	1.386	62	94039	50.520	ug/l	100
5) Bromomethane	1.618	94	66896	58.154	ug/l	98
6) Chloroethane	1.697	64	57507	49.639	ug/l	99
7) Trichlorofluoromethane	1.898	101	130671	48.980	ug/l	99
8) Diethyl Ether	2.136	74	59537	55.911	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.337	101	74729	48.317	ug/l	99
10) Methyl Iodide	2.459	142	124403	56.499	ug/l	100
11) Tert butyl alcohol	2.934	59	86113	292.329	ug/l	99
12) 1,1-Dichloroethene	2.325	96	235971	149.486	ug/l	99
13) Acrolein	2.233	56	100392	336.432	ug/l	100
14) Allyl chloride	2.666	41	155415	58.642	ug/l	99
15) Acrylonitrile	3.056	53	287107	312.793	ug/l	99
16) Acetone	2.374	43	244967	350.714	ug/l	99
17) Carbon Disulfide	2.520	76	295598	64.483	ug/l	99
18) Methyl Acetate	2.697	43	122780	62.476	ug/l	100
19) Methyl tert-butyl Ether	3.105	73	310256	60.393	ug/l	96
20) Methylene Chloride	2.794	84	98797	56.589	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	104314	64.747	ug/l	97
22) Diisopropyl ether	3.751	45	319958	64.597	ug/l	97
23) Vinyl Acetate	3.715	43	1433465	344.429	ug/l	97
24) 1,1-Dichloroethane	3.605	63	188848	68.372	ug/l	99
25) 2-Butanone	4.538	43	372205	361.052	ug/l	95
26) 2,2-Dichloropropane	4.471	77	135308	55.364	ug/l	91
27) cis-1,2-Dichloroethene	4.483	96	256423	141.045	ug/l	97
28) Bromochloromethane	4.891	49	72321	53.420	ug/l	87
29) Tetrahydrofuran	4.983	42	248048	315.116	ug/l	95
30) Chloroform	5.086	83	172718	58.359	ug/l	97
31) Cyclohexane	5.464	56	123528	50.092	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	140608	53.024	ug/l	96
36) 1,1-Dichloropropene	5.684	75	105364	46.525	ug/l	100
37) Ethyl Acetate	4.690	43	173099	63.967	ug/l	98
38) Carbon Tetrachloride	5.666	117	120680	47.045	ug/l	96
39) Methylcyclohexane	7.367	83	121764	45.470	ug/l	96
40) Benzene	6.025	78	363394	54.128	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120925\
Data File : VX048776.D
Acq On : 09 Dec 2025 12:25
Operator : JC/MD
Sample : Q3788-03MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 10 00:18:37 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 :
OWBR-05-135-120525MSD

Manual Integrations APPROVED

Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.904	41	76440	62.084	ug/l		96
42) 1,2-Dichloroethane	6.074	62	144386	60.764	ug/l		98
43) Isopropyl Acetate	6.324	43	240230	58.627	ug/l		98
44) Trichloroethene	7.110	130	123553	70.532	ug/l		97
45) 1,2-Dichloropropane	7.415	63	93799	55.900	ug/l		98
46) Dibromomethane	7.568	93	69618	54.710	ug/l		99
47) Bromodichloromethane	7.805	83	141319	53.267	ug/l		96
48) Methyl methacrylate	7.677	41	117192	56.855	ug/l		99
49) 1,4-Dioxane	7.641	88	31654	1116.602	ug/l		98
51) 4-Methyl-2-Pentanone	8.555	43	777250	305.598	ug/l		99
52) Toluene	8.702	92	226550	55.961	ug/l		99
53) t-1,3-Dichloropropene	8.964	75	146830	58.174	ug/l		97
54) cis-1,3-Dichloropropene	8.348	75	154983	57.136	ug/l		99
55) 1,1,2-Trichloroethane	9.134	97	93455	57.374	ug/l		98
56) Ethyl methacrylate	9.098	69	158829	62.296	ug/l		100
57) 1,3-Dichloropropane	9.293	76	158429	58.493	ug/l		99
59) 2-Hexanone	9.415	43	578128	323.809	ug/l		99
60) Dibromochloromethane	9.506	129	113475	56.338	ug/l		99
61) 1,2-Dibromoethane	9.592	107	99150	56.241	ug/l		98
64) Tetrachloroethene	9.256	164	70144	44.336	ug/l		98
65) Chlorobenzene	10.061	112	250428	52.711	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.147	131	91020	53.563	ug/l		98
67) Ethyl Benzene	10.177	91	415201	53.557	ug/l		98
68) m/p-Xylenes	10.287	106	321363	106.416	ug/l		97
69) o-Xylene	10.622	106	156529	55.315	ug/l		98
70) Styrene	10.640	104	272688	56.133	ug/l		99
71) Bromoform	10.781	173	80660	53.168	ug/l	#	99
73) Isopropylbenzene	10.945	105	383893	51.833	ug/l		99
74) N-amyl acetate	10.823	43	201939	62.752	ug/l		98
75) 1,1,2,2-Tetrachloroethane	11.195	83	140146	56.081	ug/l		98
76) 1,2,3-Trichloropropane	11.219	75	112448m	54.933	ug/l		
77) Bromobenzene	11.183	156	104461	52.844	ug/l		99
78) n-propylbenzene	11.287	91	447602	52.181	ug/l		99
79) 2-Chlorotoluene	11.348	91	275343	52.640	ug/l		100
80) 1,3,5-Trimethylbenzene	11.433	105	321637	52.833	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.000	75	50706	58.841	ug/l	#	77
82) 4-Chlorotoluene	11.433	91	329661	54.008	ug/l		99
83) tert-Butylbenzene	11.695	119	328897	51.995	ug/l		98
84) 1,2,4-Trimethylbenzene	11.732	105	325878	53.066	ug/l		100
85) sec-Butylbenzene	11.872	105	383423	50.015	ug/l		99
86) p-Isopropyltoluene	11.988	119	329860	50.338	ug/l		99
87) 1,3-Dichlorobenzene	11.951	146	190566	52.294	ug/l		99
88) 1,4-Dichlorobenzene	12.024	146	190715	50.644	ug/l		98
89) n-Butylbenzene	12.311	91	299686	48.845	ug/l		100
90) Hexachloroethane	12.518	117	63630	47.576	ug/l		100
91) 1,2-Dichlorobenzene	12.317	146	182424	51.634	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.920	75	31843	52.357	ug/l		99
93) 1,2,4-Trichlorobenzene	13.567	180	115578	49.532	ug/l		100
94) Hexachlorobutadiene	13.707	225	40076	41.522	ug/l		96
95) Naphthalene	13.756	128	397534	58.338	ug/l		100
96) 1,2,3-Trichlorobenzene	13.938	180	107060	49.751	ug/l		98

Sample Results: **VX048776.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120925\
Data File : VX048776.D
Acq On : 09 Dec 2025 12:25
Operator : JC/MD
Sample : Q3788-03MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
OWBR-05-135-120525MSD

Manual Integrations APPROVED

Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025

Quant Time: Dec 10 00:18:37 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

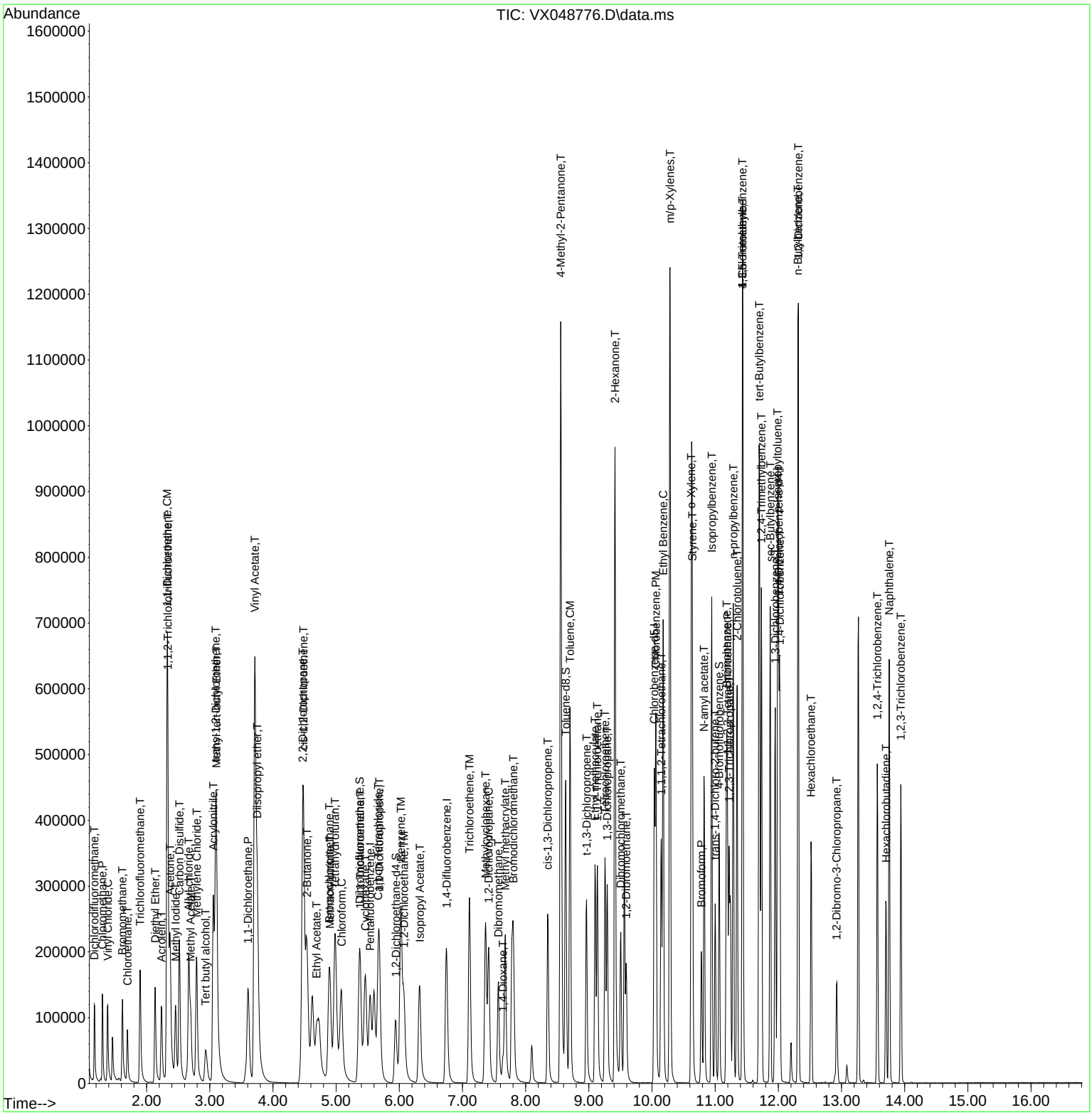
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120925\
Data File : VX048776.D
Acq On : 09 Dec 2025 12:25
Operator : JC/MD
Sample : Q3788-03MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 10 00:18:37 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 :
OWBR-05-135-120525MSD

Manual Integrations APPROVED

Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/10/2025



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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:	VX120825	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX048742.D	1,2,3-Trichloropropane	JOHN	12/9/2025 8:06:28 AM	MMDadoda	12/9/2025 12:23:37 PM	Peak Integrated by Software
VX1208WBS01	VX048745.D	1,2,3-Trichloropropane	JOHN	12/9/2025 8:06:33 AM	MMDadoda	12/9/2025 12:23:40 PM	Peak Integrated by Software
VSTDCCC050	VX048766.D	1,2,3-Trichloropropane	JOHN	12/9/2025 8:06:52 AM	MMDadoda	12/9/2025 12:23:58 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VX120925	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX048768.D	1,2,3-Trichloropropane	JOHN	12/10/2025 8:08:21 AM	MMDadoda	12/10/2025 11:32:18 AM	Peak Integrated by Software
VX1209WBS02	VX048773.D	1,2,3-Trichloropropane	JOHN	12/10/2025 8:08:31 AM	MMDadoda	12/10/2025 11:32:24 AM	Peak Integrated by Software
Q3788-03MSD	VX048776.D	1,2,3-Trichloropropane	JOHN	12/10/2025 8:08:50 AM	MMDadoda	12/10/2025 11:32:31 AM	Peak Integrated by Software
Q3788-02MS	VX048793.D	1,2,3-Trichloropropane	JOHN	12/10/2025 8:09:57 AM	MMDadoda	12/10/2025 11:33:10 AM	Peak Integrated by Software
VSTDCCC050	VX048794.D	1,2,3-Trichloropropane	JOHN	12/10/2025 8:10:02 AM	MMDadoda	12/10/2025 11:33:13 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VX121025	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX048796.D	1,2,3-Trichloropropane	MMDadoda	12/11/2025 11:46:39 AM	sam	12/11/2025 12:33:45 PM	Peak Integrated by Software
VX1210WBS01	VX048799.D	1,2,3-Trichloropropane	MMDadoda	12/11/2025 11:46:42 AM	sam	12/11/2025 12:33:50 PM	Peak Integrated by Software
VSTDCCC050	VX048820.D	1,2,3-Trichloropropane	MMDadoda	12/11/2025 11:46:51 AM	sam	12/11/2025 12:34:09 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 # VX120825

Review By	John Carlone	Review On	12/9/2025 8:11:51 AM		
Supervise By	Mahesh Dadoda	Supervise On	12/9/2025 12:45:16 PM		
SubDirectory	VX120825	HP Acquire Method		HP Processing Method	82X120425W.M

STD. NAME	STD REF.#
Tune/Reschk	VP136561
Initial Calibration Stds	
CCC	VP136570,VP136571
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX048741.D	08 Dec 2025 08:17	JC/MD	Ok
2	VSTDCCC050	VX048742.D	08 Dec 2025 09:20	JC/MD	Ok,M
3	VX1208MBL01	VX048743.D	08 Dec 2025 09:49	JC/MD	Ok
4	VX1208WBL01	VX048744.D	08 Dec 2025 11:15	JC/MD	Ok
5	VX1208WBS01	VX048745.D	08 Dec 2025 11:44	JC/MD	Ok,M
6	VX1208WBSD01	VX048746.D	08 Dec 2025 12:12	JC/MD	Ok,M
7	Q3757-05RE	VX048747.D	08 Dec 2025 12:33	JC/MD	Confirms
8	Q3757-09RE	VX048748.D	08 Dec 2025 12:53	JC/MD	Confirms
9	Q3787-01	VX048749.D	08 Dec 2025 13:14	JC/MD	Ok
10	Q3787-02MS	VX048750.D	08 Dec 2025 13:35	JC/MD	Not Ok
11	Q3787-03MSD	VX048751.D	08 Dec 2025 13:55	JC/MD	Not Ok
12	Q3787-07	VX048752.D	08 Dec 2025 14:16	JC/MD	ReRun
13	Q3787-09	VX048753.D	08 Dec 2025 14:36	JC/MD	ReRun
14	Q3787-11	VX048754.D	08 Dec 2025 14:57	JC/MD	ReRun
15	Q3787-13	VX048755.D	08 Dec 2025 15:18	JC/MD	ReRun
16	Q3787-15	VX048756.D	08 Dec 2025 15:38	JC/MD	Ok
17	Q3787-17	VX048757.D	08 Dec 2025 15:59	JC/MD	ReRun
18	Q3787-19	VX048758.D	08 Dec 2025 16:19	JC/MD	ReRun
19	Q3787-21	VX048759.D	08 Dec 2025 16:40	JC/MD	ReRun
20	Q3788-07	VX048760.D	08 Dec 2025 17:00	JC/MD	ReRun
21	Q3788-09	VX048761.D	08 Dec 2025 17:21	JC/MD	ReRun

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX120825

Review By	John Carlone	Review On	12/9/2025 8:11:51 AM		
Supervise By	Mahesh Dadoda	Supervise On	12/9/2025 12:45:16 PM		
SubDirectory	VX120825	HP Acquire Method		HP Processing Method	82X120425W.M

STD. NAME	STD REF.#
Tune/Reschk	VP136561
Initial Calibration Stds	
CCC	VP136570,VP136571
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q3788-11	VX048762.D	08 Dec 2025 17:41	JC/MD	ReRun
23	Q3788-13	VX048763.D	08 Dec 2025 18:02	JC/MD	Ok
24	Q3787-02MS	VX048764.D	08 Dec 2025 18:22	JC/MD	Ok,M
25	Q3787-03MSD	VX048765.D	08 Dec 2025 18:43	JC/MD	Ok,M
26	VSTDCCC050	VX048766.D	08 Dec 2025 19:03	JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX120925

Review By	John Carlone	Review On	12/10/2025 8:35:12 AM		
Supervise By	Mahesh Dadoda	Supervise On	12/10/2025 11:33:33 AM		
SubDirectory	VX120925	HP Acquire Method		HP Processing Method	82X120425W.M

STD. NAME	STD REF.#
Tune/Reschk	VP136583
Initial Calibration Stds	
CCC	VP136584,VP136585
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX048767.D	09 Dec 2025 08:16	JC/MD	Ok
2	VSTDCCC050	VX048768.D	09 Dec 2025 09:25	JC/MD	Ok,M
3	VX1209WBL01	VX048769.D	09 Dec 2025 09:46	JC/MD	Ok
4	VX1209MBL01	VX048770.D	09 Dec 2025 10:06	JC/MD	Ok
5	Q3803-01	VX048771.D	09 Dec 2025 10:36	JC/MD	Not Ok
6	VX1209WBS01	VX048772.D	09 Dec 2025 10:56	JC/MD	Not Ok
7	VX1209WBS02	VX048773.D	09 Dec 2025 11:24	JC/MD	Ok,M
8	Q3788-01	VX048774.D	09 Dec 2025 11:45	JC/MD	Ok
9	Q3788-02MS	VX048775.D	09 Dec 2025 12:05	JC/MD	Not Ok
10	Q3788-03MSD	VX048776.D	09 Dec 2025 12:25	JC/MD	Ok,M
11	Q3803-01	VX048777.D	09 Dec 2025 12:46	JC/MD	Ok,M
12	Q3803-02	VX048778.D	09 Dec 2025 13:06	JC/MD	Ok,M
13	Q3803-03	VX048779.D	09 Dec 2025 13:26	JC/MD	Ok,M
14	Q3803-04	VX048780.D	09 Dec 2025 13:47	JC/MD	Ok
15	Q3803-05	VX048781.D	09 Dec 2025 14:07	JC/MD	Ok
16	Q3803-06	VX048782.D	09 Dec 2025 14:27	JC/MD	Ok
17	Q3803-07	VX048783.D	09 Dec 2025 14:48	JC/MD	Ok,M
18	Q3803-08	VX048784.D	09 Dec 2025 15:08	JC/MD	Dilution
19	Q3803-09	VX048785.D	09 Dec 2025 15:29	JC/MD	Dilution
20	Q3803-10	VX048786.D	09 Dec 2025 15:49	JC/MD	ReRun
21	Q3803-11	VX048787.D	09 Dec 2025 16:09	JC/MD	ReRun

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX120925

Review By	John Carlone	Review On	12/10/2025 8:35:12 AM		
Supervise By	Mahesh Dadoda	Supervise On	12/10/2025 11:33:33 AM		
SubDirectory	VX120925	HP Acquire Method		HP Processing Method	82X120425W.M

STD. NAME	STD REF.#
Tune/Reschk	VP136583
Initial Calibration Stds	
CCC	VP136584,VP136585
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q3803-12	VX048788.D	09 Dec 2025 16:30	JC/MD	ReRun
23	Q3803-13	VX048789.D	09 Dec 2025 16:50	JC/MD	ReRun
24	Q3803-14	VX048790.D	09 Dec 2025 17:11	JC/MD	Ok
25	IBLK	VX048791.D	09 Dec 2025 17:31	JC/MD	Ok
26	VX1209WBSD02	VX048792.D	09 Dec 2025 17:52	JC/MD	Not Ok
27	Q3788-02MS	VX048793.D	09 Dec 2025 18:12	JC/MD	Ok,M
28	VSTDCCC050	VX048794.D	09 Dec 2025 18:32	JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX121025

Review By	Mahesh Dadoda	Review On	12/11/2025 11:58:26 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	12/11/2025 12:34:32 PM		
SubDirectory	VX121025	HP Acquire Method		HP Processing Method	82X120425W.M

STD. NAME	STD REF.#
Tune/Reschk	VP136598
Initial Calibration Stds	
CCC	VP136599,VP136600
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX048795.D	10 Dec 2025 09:13	JC/MD	Ok
2	VSTDCCC050	VX048796.D	10 Dec 2025 09:40	JC/MD	Ok,M
3	VX1210WBL01	VX048797.D	10 Dec 2025 10:10	JC/MD	Ok
4	VX1210MBL01	VX048798.D	10 Dec 2025 10:31	JC/MD	Ok
5	VX1210WBS01	VX048799.D	10 Dec 2025 10:58	JC/MD	Ok,M
6	VX1210WBSD01	VX048800.D	10 Dec 2025 11:26	JC/MD	Ok,M
7	Q3803-08DL	VX048801.D	10 Dec 2025 11:47	JC/MD	Ok
8	Q3803-09DL	VX048802.D	10 Dec 2025 12:07	JC/MD	Ok
9	Q3803-11	VX048803.D	10 Dec 2025 12:28	JC/MD	Ok
10	Q3803-12	VX048804.D	10 Dec 2025 12:48	JC/MD	Ok,M
11	Q3803-13RE	VX048805.D	10 Dec 2025 13:09	JC/MD	Confirms
12	IBLK	VX048806.D	10 Dec 2025 13:29	JC/MD	Ok
13	Q3787-07RE	VX048807.D	10 Dec 2025 13:49	JC/MD	Confirms
14	Q3787-09RE	VX048808.D	10 Dec 2025 14:10	JC/MD	Confirms
15	Q3787-11RE	VX048809.D	10 Dec 2025 14:30	JC/MD	Confirms
16	Q3787-13RE	VX048810.D	10 Dec 2025 14:51	JC/MD	Confirms
17	Q3787-17RE	VX048811.D	10 Dec 2025 15:11	JC/MD	Confirms
18	Q3787-19	VX048812.D	10 Dec 2025 15:32	JC/MD	Ok
19	Q3787-21	VX048813.D	10 Dec 2025 15:53	JC/MD	Ok
20	Q3788-07	VX048814.D	10 Dec 2025 16:13	JC/MD	Ok
21	Q3788-09RE	VX048815.D	10 Dec 2025 16:34	JC/MD	Confirms

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX121025

Review By	Mahesh Dadoda	Review On	12/11/2025 11:58:26 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	12/11/2025 12:34:32 PM		
SubDirectory	VX121025	HP Acquire Method		HP Processing Method	82X120425W.M

STD. NAME	STD REF.#
Tune/Reschk	VP136598
Initial Calibration Stds	
CCC	VP136599,VP136600
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q3788-11RE	VX048816.D	10 Dec 2025 16:54	JC/MD	Confirms
23	Q3776-01	VX048817.D	10 Dec 2025 17:15	JC/MD	ReRun
24	Q3776-02	VX048818.D	10 Dec 2025 17:35	JC/MD	ReRun
25	PB170875TB	VX048819.D	10 Dec 2025 17:56	JC/MD	Ok
26	VSTDCCC050	VX048820.D	10 Dec 2025 18:37	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 # VX120825

Review By	John Carlone	Review On	12/9/2025 8:11:51 AM		
Supervise By	Mahesh Dadoda	Supervise On	12/9/2025 12:45:16 PM		
SubDirectory	VX120825	HP Acquire Method		HP Processing Method	82X120425W.M

STD. NAME	STD REF.#
Tune/Reschk	VP136561
Initial Calibration Stds	
CCC	VP136570,VP136571
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	VX048741.D	08 Dec 2025 08:17		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX048742.D	08 Dec 2025 09:20	pH#Lot#V12668	JC/MD	Ok,M
3	VX1208MBL01	VX1208MBL01	VX048743.D	08 Dec 2025 09:49		JC/MD	Ok
4	VX1208WBL01	VX1208WBL01	VX048744.D	08 Dec 2025 11:15		JC/MD	Ok
5	VX1208WBS01	VX1208WBS01	VX048745.D	08 Dec 2025 11:44		JC/MD	Ok,M
6	VX1208WBSD01	VX1208WBSD01	VX048746.D	08 Dec 2025 12:12		JC/MD	Ok,M
7	Q3757-05RE	MW-14B-46-120325RE	VX048747.D	08 Dec 2025 12:33	vial B pH<2 Surrogate fail	JC/MD	Confirms
8	Q3757-09RE	OW-05B-72-120325RE	VX048748.D	08 Dec 2025 12:53	vial B pH<2 Surrogate fail	JC/MD	Confirms
9	Q3787-01	MW-15B-42.5-120425	VX048749.D	08 Dec 2025 13:14	vial A pH<2	JC/MD	Ok
10	Q3787-02MS	MW-15B-42.5-120425M	VX048750.D	08 Dec 2025 13:35	Not Spiked	JC/MD	Not Ok
11	Q3787-03MSD	MW-15B-42.5-120425M	VX048751.D	08 Dec 2025 13:55	Not Spiked	JC/MD	Not Ok
12	Q3787-07	OWBR-02-170-120425	VX048752.D	08 Dec 2025 14:16	vial A pH<2 Surrogate fail	JC/MD	ReRun
13	Q3787-09	OWBR-02-170-120425-	VX048753.D	08 Dec 2025 14:36	vial A pH<2 Surrogate fail	JC/MD	ReRun
14	Q3787-11	OW-03B-51.5-120425	VX048754.D	08 Dec 2025 14:57	vial A pH<2 Surrogate fail	JC/MD	ReRun
15	Q3787-13	OW-03B-51.5-120425-F	VX048755.D	08 Dec 2025 15:18	vial A pH<2 Surrogate fail	JC/MD	ReRun
16	Q3787-15	OW-08B-72.5-120425	VX048756.D	08 Dec 2025 15:38	vial A pH<2	JC/MD	Ok
17	Q3787-17	OW-08B-72.5-120425-F	VX048757.D	08 Dec 2025 15:59	vial A pH<2 Surrogate fail	JC/MD	ReRun
18	Q3787-19	OW-02B-21.2-120425	VX048758.D	08 Dec 2025 16:19	vial A pH<2 Surrogate fail	JC/MD	ReRun

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX120825

Review By	John Carlone	Review On	12/9/2025 8:11:51 AM		
Supervise By	Mahesh Dadoda	Supervise On	12/9/2025 12:45:16 PM		
SubDirectory	VX120825	HP Acquire Method		HP Processing Method	82X120425W.M

STD. NAME	STD REF.#
Tune/Reschk	VP136561
Initial Calibration Stds	
CCC	VP136570,VP136571
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q3787-21	TB01-120425	VX048759.D	08 Dec 2025 16:40	vial A pH<2 TB;Surrogate fail	JC/MD	ReRun
20	Q3788-07	OW-01B-66.5-120525	VX048760.D	08 Dec 2025 17:00	vial A pH<2 Surrogate fail	JC/MD	ReRun
21	Q3788-09	BR-05-465-120525	VX048761.D	08 Dec 2025 17:21	vial A pH<2 Surrogate fail	JC/MD	ReRun
22	Q3788-11	MW-16B-87.5-120525	VX048762.D	08 Dec 2025 17:41	vial A pH<2 Surrogate fail	JC/MD	ReRun
23	Q3788-13	TB01-120525	VX048763.D	08 Dec 2025 18:02	vial A pH<2 TB	JC/MD	Ok
24	Q3787-02MS	MW-15B-42.5-120425M	VX048764.D	08 Dec 2025 18:22	vial A pH<2	JC/MD	Ok,M
25	Q3787-03MSD	MW-15B-42.5-120425M	VX048765.D	08 Dec 2025 18:43	vial A pH<2	JC/MD	Ok,M
26	VSTDCCC050	VSTDCCC050EC	VX048766.D	08 Dec 2025 19:03		JC/MD	Ok,M

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX120925

Review By	John Carlone	Review On	12/10/2025 8:35:12 AM		
Supervise By	Mahesh Dadoda	Supervise On	12/10/2025 11:33:33 AM		
SubDirectory	VX120925	HP Acquire Method		HP Processing Method	82X120425W.M

STD. NAME	STD REF.#
Tune/Reschk	VP136583
Initial Calibration Stds	
CCC	VP136584,VP136585
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	VX048767.D	09 Dec 2025 08:16		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX048768.D	09 Dec 2025 09:25	pH#Lot#V12668	JC/MD	Ok,M
3	VX1209WBL01	VX1209WBL01	VX048769.D	09 Dec 2025 09:46		JC/MD	Ok
4	VX1209MBL01	VX1209MBL01	VX048770.D	09 Dec 2025 10:06		JC/MD	Ok
5	Q3803-01	CHASE-A	VX048771.D	09 Dec 2025 10:36	Need straight run	JC/MD	Not Ok
6	VX1209WBS01	VX1209WBS01	VX048772.D	09 Dec 2025 10:56	Recovery fail	JC/MD	Not Ok
7	VX1209WBS02	VX1209WBS02	VX048773.D	09 Dec 2025 11:24		JC/MD	Ok,M
8	Q3788-01	OWBR-05-135-120525	VX048774.D	09 Dec 2025 11:45	vial A pH<2	JC/MD	Ok
9	Q3788-02MS	OWBR-05-135-120525I	VX048775.D	09 Dec 2025 12:05	Recovery Fail For Many Compund	JC/MD	Not Ok
10	Q3788-03MSD	OWBR-05-135-120525I	VX048776.D	09 Dec 2025 12:25	vial A pH<2	JC/MD	Ok,M
11	Q3803-01	CHASE-A	VX048777.D	09 Dec 2025 12:46	vial A pH#5.0	JC/MD	Ok,M
12	Q3803-02	CHASE-B	VX048778.D	09 Dec 2025 13:06	vial A pH#5.0	JC/MD	Ok,M
13	Q3803-03	CHASE-C	VX048779.D	09 Dec 2025 13:26	vial A pH#5.0	JC/MD	Ok,M
14	Q3803-04	CHASE-D	VX048780.D	09 Dec 2025 13:47	vial A pH#5.0	JC/MD	Ok
15	Q3803-05	CHASE-E	VX048781.D	09 Dec 2025 14:07	vial A pH#5.0	JC/MD	Ok
16	Q3803-06	CHASE-F	VX048782.D	09 Dec 2025 14:27	vial A pH#5.0	JC/MD	Ok
17	Q3803-07	CHASE-G	VX048783.D	09 Dec 2025 14:48	vial A pH#5.0	JC/MD	Ok,M

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX120925

Review By	John Carlone	Review On	12/10/2025 8:35:12 AM		
Supervise By	Mahesh Dadoda	Supervise On	12/10/2025 11:33:33 AM		
SubDirectory	VX120925	HP Acquire Method		HP Processing Method	82X120425W.M

STD. NAME	STD REF.#
Tune/Reschk	VP136583
Initial Calibration Stds	
CCC	VP136584,VP136585
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	Q3803-08	CHASE-H	VX048784.D	09 Dec 2025 15:08	vial A pH#5.0 Need 5X	JC/MD	Dilution
19	Q3803-09	CHASE-I	VX048785.D	09 Dec 2025 15:29	vial A pH#5.0 Need 10X	JC/MD	Dilution
20	Q3803-10	CHASE-J	VX048786.D	09 Dec 2025 15:49	Internal standard fail;Surrogate fail	JC/MD	ReRun
21	Q3803-11	CHASE-K	VX048787.D	09 Dec 2025 16:09	vial A pH#5.0 Surrogate fail	JC/MD	ReRun
22	Q3803-12	CHASE-L	VX048788.D	09 Dec 2025 16:30	vial A pH#5.0 Surrogate fail	JC/MD	ReRun
23	Q3803-13	CHASE-M	VX048789.D	09 Dec 2025 16:50	vial A pH#5.0 Surrogate fail	JC/MD	ReRun
24	Q3803-14	CHASE-N	VX048790.D	09 Dec 2025 17:11	vial A pH#5.0	JC/MD	Ok
25	IBLK	IBLK	VX048791.D	09 Dec 2025 17:31		JC/MD	Ok
26	VX1209WBSD02	VX1209WBSD02	VX048792.D	09 Dec 2025 17:52	Recovery fail	JC/MD	Not Ok
27	Q3788-02MS	OWBR-05-135-120525I	VX048793.D	09 Dec 2025 18:12	vial A pH<2	JC/MD	Ok,M
28	VSTDCCC050	VSTDCCC050EC	VX048794.D	09 Dec 2025 18:32		JC/MD	Ok,M

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX121025

Review By	Mahesh Dadoda	Review On	12/11/2025 11:58:26 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	12/11/2025 12:34:32 PM		
SubDirectory	VX121025	HP Acquire Method		HP Processing Method	82X120425W.M

STD. NAME	STD REF.#
Tune/Reschk	VP136598
Initial Calibration Stds	
CCC	VP136599,VP136600
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	VX048795.D	10 Dec 2025 09:13		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX048796.D	10 Dec 2025 09:40	pH#lot#v14222	JC/MD	Ok,M
3	VX1210WBL01	VX1210WBL01	VX048797.D	10 Dec 2025 10:10		JC/MD	Ok
4	VX1210MBL01	VX1210MBL01	VX048798.D	10 Dec 2025 10:31		JC/MD	Ok
5	VX1210WBS01	VX1210WBS01	VX048799.D	10 Dec 2025 10:58		JC/MD	Ok,M
6	VX1210WBSD01	VX1210WBSD01	VX048800.D	10 Dec 2025 11:26		JC/MD	Ok,M
7	Q3803-08DL	CHASE-HDL	VX048801.D	10 Dec 2025 11:47	vial B pH#5.0	JC/MD	Ok
8	Q3803-09DL	CHASE-IDL	VX048802.D	10 Dec 2025 12:07	vial B pH#5.0	JC/MD	Ok
9	Q3803-11	CHASE-K	VX048803.D	10 Dec 2025 12:28	vial B pH#5.0	JC/MD	Ok
10	Q3803-12	CHASE-L	VX048804.D	10 Dec 2025 12:48	vial B pH#5.0	JC/MD	Ok,M
11	Q3803-13RE	CHASE-MRE	VX048805.D	10 Dec 2025 13:09	vial B pH#5.0 ,Surrogate Fail	JC/MD	Confirms
12	IBLK	IBLK	VX048806.D	10 Dec 2025 13:29		JC/MD	Ok
13	Q3787-07RE	OWBR-02-170-120425I	VX048807.D	10 Dec 2025 13:49	vial B pH<2 ,Surrogate fail	JC/MD	Confirms
14	Q3787-09RE	OWBR-02-170-120425-	VX048808.D	10 Dec 2025 14:10	vial B pH<2 ,Surrogate fail	JC/MD	Confirms
15	Q3787-11RE	OW-03B-51.5-120425R	VX048809.D	10 Dec 2025 14:30	vial B pH<2 Surrogate fail	JC/MD	Confirms
16	Q3787-13RE	OW-03B-51.5-120425-I	VX048810.D	10 Dec 2025 14:51	vial B pH<2 Surrogate fail	JC/MD	Confirms
17	Q3787-17RE	OW-08B-72.5-120425-I	VX048811.D	10 Dec 2025 15:11	vial B pH<2 Surrogate fail	JC/MD	Confirms
18	Q3787-19	OW-02B-21.2-120425	VX048812.D	10 Dec 2025 15:32	vial B pH<2	JC/MD	Ok

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX121025

Review By	Mahesh Dadoda	Review On	12/11/2025 11:58:26 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	12/11/2025 12:34:32 PM		
SubDirectory	VX121025	HP Acquire Method		HP Processing Method	82X120425W.M

STD. NAME	STD REF.#
Tune/Reschk	VP136598
Initial Calibration Stds	
CCC	VP136599,VP136600
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q3787-21	TB01-120425	VX048813.D	10 Dec 2025 15:53	vial B pH<2 ,TB	JC/MD	Ok
20	Q3788-07	OW-01B-66.5-120525	VX048814.D	10 Dec 2025 16:13	vial B pH<2	JC/MD	Ok
21	Q3788-09RE	BR-05-465-120525RE	VX048815.D	10 Dec 2025 16:34	vial B pH<2 ,Surrogate fail	JC/MD	Confirms
22	Q3788-11RE	MW-16B-87.5-120525R	VX048816.D	10 Dec 2025 16:54	vial B pH<2 ,Surrogate fail	JC/MD	Confirms
23	Q3776-01	IDW-RAD-20251203	VX048817.D	10 Dec 2025 17:15	vial A pH<2 Surrogate fail	JC/MD	ReRun
24	Q3776-02	TB-20251203	VX048818.D	10 Dec 2025 17:35	vial A pH<2 ,TB;Surrogate fail	JC/MD	ReRun
25	PB170875TB	PB170875TB	VX048819.D	10 Dec 2025 17:56		JC/MD	Ok
26	VSTDCCC050	VSTDCCC050EC	VX048820.D	10 Dec 2025 18:37		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. 23788
COC Number 2047330

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: Jacobs
ADDRESS: 412 Mt Kemble Ave Suite # 100
CITY Morristown STATE: NJ ZIP: 07960
ATTENTION: John Yntante
PHONE: FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: STC PTC
PROJECT NO.: D4033126 LOCATION: Princeton Junct.
PROJECT MANAGER: Mary Murphy
e-mail: Mary.Murphy@Jacobs.com
PHONE: FAX:

CLIENT BILLING INFORMATION

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

DATA TURNAROUND INFORMATION

FAX (RUSH) Standard TAT 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 ☐ US EPA CLP
- ☐ NYS ASP A ☐ NYS ASP B
- ☐ Other
- ☐ EDD FORMAT

ANALYSIS

1: Site Specific VOCs (8260D-LOW)
2: Trace VOCs (524.4-LOW)
3: 1,4 Dioxane (8270E-SIM)
4: Site Specific (8260D-SIM)
5:
6:
7:
8:
9:

PRESERVATIVES

A-HCl B-HNO3 C-H2SO4 D-NaOH E-ICE F-OTHER

COMMENTS

← Specify Preservatives

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	A/E 1	A/E 2	E 3	4	5	6	7	8	9	COMMENTS
1.	OWBR-05-135-120525	GW		X	12/5/25	1110	15	X		X							MS/MSD
2.	OWBR-05-135-120525-SIM	GW		X	12/5/25	1110	9		X								MS/MSD
3.	OW-01B-665-120525	GW		X	12/5/25	1115	5	X		X							
4.	OW-01B-665-120525-SIM	GW		X	12/5/25	1115	3		X								
5.	DUP-BR-05-465-120525	GW		X	12/5/25	1200	5	X		X							
6.	BR-05-465-120525-SIM	GW		X	12/5/25	1200	3		X								
7.	MW-16B-87.5-120525	GW		X	12/5/25	1435	5	X		X							
8.	MW-16B-87.5-120525-SIM	GW		X	12/5/25	1435	3		X								
9.	TB01-120525	DI		X	12/5/25	0800	4	X	X								
10.																	

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

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	1715 12/5/25	1.
2.		2.
3.		3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 1.3+0=1.3 °C
Comments: See work order for list of site specific VOCs IRSNW #1

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

QA Control Code: A2070148

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3788 JACO05
Client Name : JACOBS Engineering Grou
Client Contact : John Ynfante
Invoice Name : JACOBS Engineering Grou
Invoice Contact : John Ynfante

Order Date : 12/5/2025 7:44:00 AM
Project Name : Former Schlumberger STC
Receive DateTime : 12/5/2025 5:15:00 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
Q3788-01	OWBR-05-135-120525	Water	12/05/2025	11:10					
					VOCMS Group3		8260-Low		10 Bus. Days
Q3788-02	OWBR-05-135-120525-MS	Water	12/05/2025	11:10					
					VOCMS Group3		8260-Low		10 Bus. Days
Q3788-03	OWBR-05-135-120525-MSD	Water	12/05/2025	11:10					
					VOCMS Group3		8260-Low		10 Bus. Days
Q3788-04	OWBR-05-135-120525-SIM	Water	12/05/2025	11:10					
					VOC-SIM		SFAM_VOCSIM		10 Bus. Days
Q3788-05	OWBR-05-135-120525-SIM-MS	Water	12/05/2025	11:10					
					VOC-SIM		SFAM_VOCSIM		10 Bus. Days
Q3788-06	OWBR-05-135-120525-SIM-MSD	Water	12/05/2025	11:10					
					VOC-SIM		SFAM_VOCSIM		10 Bus. Days
Q3788-07	OW-01B-66.5-120525	Water	12/05/2025	11:15					
					VOCMS Group3		8260-Low		10 Bus. Days
Q3788-08	OW-01B-66.5-120525-SIM	Water	12/05/2025	11:15					

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3788 JACO05
Client Name : JACOBS Engineering Grou
Client Contact : John Ynfante
Invoice Name : JACOBS Engineering Grou
Invoice Contact : John Ynfante

Order Date : 12/5/2025 7:44:00 AM
Project Name : Former Schlumberger STC
Receive DateTime : 12/5/2025 5:15:00 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
					VOC-SIM		SFAM_VOCSIM		10 Bus. Days
Q3788-09	TA-BR-05-465-120525	Water	12/05/2025	12:00					
					VOCMS Group3		8260-Low		10 Bus. Days
Q3788-10	BR-05-465-~~12052~~-SIM 120525	Water	12/05/2025	12:00					
					VOC-SIM		SFAM_VOCSIM		10 Bus. Days
Q3788-11	MW-16B-87.5-120525	Water	12/05/2025	14:35					
					VOCMS Group3		8260-Low		10 Bus. Days
Q3788-12	MW-16B-87.5-120525-SIM	Water	12/05/2025	14:35					
					VOC-SIM		SFAM_VOCSIM		10 Bus. Days
Q3788-13	TB01-120525	Water	12/05/2025	08:00					
					VOC-SIM		SFAM_VOCSIM		10 Bus. Days
					VOCMS Group3		8260-Low		10 Bus. Days
Q3788-14	VHBLK001	Water	12/05/2025	17:15					
					VOC-SIM		SFAM_VOCSIM		10 Bus. Days

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EDD Type : CH2MHILL
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Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES

Stored in VOA Frz #04

Relinguished By :
Date / Time : 12/8/25 13:00

Received By :
Date / Time : 12/8/25 14:00

Storage Area : VOA Refridgerator Room