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:	Q2455	**OrderDate:**	6/27/2025 1:53:00 PM
Client:	M2 Associates	**Project:**	143 Red Lion Rd Southampton Twp, NJ
Contact:	Matt Mulhall	**Location:**	VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2455-01	**MW1**	**Water**			**06/27/25**			**06/27/25**
			VOCMS Group2	8260-Low			07/03/25	
Q2455-02	**MW3**	**Water**			**06/27/25**			**06/27/25**
			VOCMS Group2	8260-Low			07/03/25	
Q2455-03	**MW10**	**Water**			**06/27/25**			**06/27/25**
			VOCMS Group2	8260-Low			07/03/25	
Q2455-04	**FIELD-BLANK**	**Water**			**06/27/25**			**06/27/25**
			VOCMS Group2	8260-Low			07/03/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2455

Client: M2 Associates

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	**MW1**							
Q2455-01	MW1	Water	Cyclohexane	34.3	J	14.5	50.0	ug/L
Q2455-01	MW1	Water	Methylcyclohexane	30.4		1.60	10.0	ug/L
Q2455-01	MW1	Water	Benzene	6.40	J	1.50	10.0	ug/L
Q2455-01	MW1	Water	Toluene	92.6		1.40	10.0	ug/L
Q2455-01	MW1	Water	Ethyl Benzene	210		1.30	10.0	ug/L
Q2455-01	MW1	Water	m/p-Xylenes	1200		2.40	20.0	ug/L
Q2455-01	MW1	Water	o-Xylene	380		1.20	10.0	ug/L
Q2455-01	MW1	Water	Isopropylbenzene	76.7		1.20	10.0	ug/L
			Total Voc :	2030				
			Total Concentration:	2030				
Client ID:	**MW3**							
Q2455-02	MW3	Water	Benzene	520		75.0	500	ug/L
Q2455-02	MW3	Water	Toluene	21900		70.0	500	ug/L
Q2455-02	MW3	Water	Ethyl Benzene	900		65.0	500	ug/L
Q2455-02	MW3	Water	m/p-Xylenes	5000		120	1000	ug/L
Q2455-02	MW3	Water	o-Xylene	2100		60.0	500	ug/L
			Total Voc :	30400				
			Total Concentration:	30400				
Client ID:	**MW10**							
Q2455-03	MW10	Water	Acetone	52.2		15.1	50.0	ug/L
Q2455-03	MW10	Water	Methylcyclohexane	4.80	J	1.60	10.0	ug/L
Q2455-03	MW10	Water	Ethyl Benzene	16.1		1.30	10.0	ug/L
Q2455-03	MW10	Water	m/p-Xylenes	37.8		2.40	20.0	ug/L
Q2455-03	MW10	Water	Isopropylbenzene	99.1		1.20	10.0	ug/L
			Total Voc :	210				
			Total Concentration:	210				

QC SUMMARY

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Surrogate Summary

SDG No.: Q2455

Client: M2 Associates

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q2455-01	MW1	1,2-Dichloroethane-d4	50	48.3	97		70 (74)	130 (125)
		Dibromofluoromethane	50	47.6	95		70 (75)	130 (124)
		Toluene-d8	50	50.0	100		70 (86)	130 (113)
		4-Bromofluorobenzene	50	49.3	99		70 (77)	130 (121)
Q2455-02	MW3	1,2-Dichloroethane-d4	50	47.6	95		70 (74)	130 (125)
		Dibromofluoromethane	50	46.5	93		70 (75)	130 (124)
		Toluene-d8	50	49.4	99		70 (86)	130 (113)
		4-Bromofluorobenzene	50	50.1	100		70 (77)	130 (121)
Q2455-03	MW10	1,2-Dichloroethane-d4	50	47.5	95		70 (74)	130 (125)
		Dibromofluoromethane	50	46.1	92		70 (75)	130 (124)
		Toluene-d8	50	49.5	99		70 (86)	130 (113)
		4-Bromofluorobenzene	50	50.4	101		70 (77)	130 (121)
Q2455-04	FIELD-BLANK	1,2-Dichloroethane-d4	50	50.3	101		70 (74)	130 (125)
		Dibromofluoromethane	50	47.8	96		70 (75)	130 (124)
		Toluene-d8	50	49.7	99		70 (86)	130 (113)
		4-Bromofluorobenzene	50	49.9	100		70 (77)	130 (121)
VX0703WBL01	VX0703WBL01	1,2-Dichloroethane-d4	50	50.3	101		70 (74)	130 (125)
		Dibromofluoromethane	50	48.6	97		70 (75)	130 (124)
		Toluene-d8	50	49.6	99		70 (86)	130 (113)
		4-Bromofluorobenzene	50	50.6	101		70 (77)	130 (121)
VX0703WBS01	VX0703WBS01	1,2-Dichloroethane-d4	50	49.9	100		70 (74)	130 (125)
		Dibromofluoromethane	50	49.1	98		70 (75)	130 (124)
		Toluene-d8	50	49.6	99		70 (86)	130 (113)
		4-Bromofluorobenzene	50	50.7	101		70 (77)	130 (121)
VX0703WBSD0	VX0703WBSD01	1,2-Dichloroethane-d4	50	51.3	103		70 (74)	130 (125)
		Dibromofluoromethane	50	49.8	100		70 (75)	130 (124)
		Toluene-d8	50	49.3	99		70 (86)	130 (113)
		4-Bromofluorobenzene	50	51.1	102		70 (77)	130 (121)

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2455 **Analytical Method:** SW8260-Low

Client: M2 Associates **Datafile :** VX046873.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0703WBS01	Dichlorodifluoromethane	20	18.7	ug/L	94			40 (69)	160 (116)	
	Chloromethane	20	19.0	ug/L	95			40 (65)	160 (116)	
	Vinyl chloride	20	18.7	ug/L	94			70 (65)	130 (117)	
	Bromomethane	20	20.5	ug/L	103			40 (58)	160 (125)	
	Chloroethane	20	18.2	ug/L	91			40 (56)	160 (128)	
	Trichlorofluoromethane	20	18.8	ug/L	94			40 (73)	160 (115)	
	1,1,2-Trichlorotrifluoroethane	20	18.8	ug/L	94			70 (80)	130 (112)	
	Tert butyl alcohol	100	88.3	ug/L	88			70 (48)	130 (142)	
	1,1-Dichloroethene	20	18.2	ug/L	91			70 (74)	130 (110)	
	Acetone	100	86.7	ug/L	87			40 (60)	160 (125)	
	Carbon disulfide	20	18.0	ug/L	90			40 (64)	160 (112)	
	Methyl tert-butyl Ether	20	18.9	ug/L	95			70 (78)	130 (114)	
	Methyl Acetate	20	19.3	ug/L	97			70 (67)	130 (125)	
	Methylene Chloride	20	18.5	ug/L	93			70 (72)	130 (114)	
	trans-1,2-Dichloroethene	20	19.2	ug/L	96			70 (75)	130 (108)	
	1,1-Dichloroethane	20	19.0	ug/L	95			70 (78)	130 (112)	
	Cyclohexane	20	19.2	ug/L	96			70 (75)	130 (110)	
	2-Butanone	100	93.1	ug/L	93			40 (65)	160 (122)	
	Carbon Tetrachloride	20	18.3	ug/L	92			70 (77)	130 (113)	
	cis-1,2-Dichloroethene	20	19.0	ug/L	95			70 (77)	130 (110)	
	Bromochloromethane	20	16.0	ug/L	80			70 (70)	130 (124)	
	Chloroform	20	19.1	ug/L	96			70 (79)	130 (113)	
	1,1,1-Trichloroethane	20	18.8	ug/L	94			70 (80)	130 (108)	
	Methylcyclohexane	20	18.6	ug/L	93			70 (72)	130 (115)	
	Benzene	20	18.9	ug/L	95			70 (82)	130 (109)	
	1,2-Dichloroethane	20	18.6	ug/L	93			70 (80)	130 (115)	
	Trichloroethene	20	18.4	ug/L	92			70 (77)	130 (113)	
	1,2-Dichloropropane	20	18.6	ug/L	93			70 (83)	130 (111)	
	Bromodichloromethane	20	18.8	ug/L	94			70 (83)	130 (110)	
	4-Methyl-2-Pentanone	100	95.2	ug/L	95			40 (74)	160 (118)	
	Toluene	20	19.1	ug/L	96			70 (82)	130 (110)	
	t-1,3-Dichloropropene	20	18.4	ug/L	92			70 (79)	130 (110)	
	cis-1,3-Dichloropropene	20	18.5	ug/L	93			70 (82)	130 (110)	
	1,1,2-Trichloroethane	20	19.1	ug/L	96			70 (83)	130 (112)	
	2-Hexanone	100	92.1	ug/L	92			40 (73)	160 (117)	
	Dibromochloromethane	20	18.6	ug/L	93			70 (82)	130 (110)	
	1,2-Dibromoethane	20	18.6	ug/L	93			70 (81)	130 (110)	
	Tetrachloroethene	20	18.5	ug/L	93			70 (67)	130 (123)	
	Chlorobenzene	20	18.6	ug/L	93			70 (82)	130 (109)	
	Ethyl Benzene	20	18.9	ug/L	95			70 (83)	130 (109)	
	m/p-Xylenes	40	38.0	ug/L	95			70 (82)	130 (110)	
	o-Xylene	20	18.7	ug/L	94			70 (83)	130 (109)	
	Styrene	20	19.3	ug/L	97			70 (80)	130 (111)	
	Bromoform	20	18.3	ug/L	92			70 (79)	130 (109)	
	Isopropylbenzene	20	18.6	ug/L	93			70 (83)	130 (112)	
	1,1,2,2-Tetrachloroethane	20	18.2	ug/L	91			70 (76)	130 (118)	
	1,3-Dichlorobenzene	20	18.4	ug/L	92			70 (82)	130 (108)	
	1,4-Dichlorobenzene	20	18.0	ug/L	90			70 (82)	130 (107)	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2455 **Analytical Method:** SW8260-Low

Client: M2 Associates **Datafile :** VX046873.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0703WBS01	1,2-Dichlorobenzene	20	18.5	ug/L	93			70 (82)	130 (109)	
	1,2-Dibromo-3-Chloropropane	20	17.6	ug/L	88			40 (68)	160 (112)	
	1,2,4-Trichlorobenzene	20	17.8	ug/L	89			70 (75)	130 (113)	
	1,2,3-Trichlorobenzene	20	17.9	ug/L	90			70 (76)	130 (114)	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2455 **Analytical Method:** SW8260-Low

Client: M2 Associates **Datafile :** VX046874.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VX0703WBSD01	Dichlorodifluoromethane	20	19.3	ug/L	97	3		40 (69)	160 (116)	20 (19)
	Chloromethane	20	19.4	ug/L	97	2		40 (65)	160 (116)	20 (21)
	Vinyl chloride	20	19.1	ug/L	96	2		70 (65)	130 (117)	20 (19)
	Bromomethane	20	20.5	ug/L	103	0		40 (58)	160 (125)	20 (20)
	Chloroethane	20	18.8	ug/L	94	3		40 (56)	160 (128)	20 (20)
	Trichlorofluoromethane	20	19.5	ug/L	98	4		40 (73)	160 (115)	20 (16)
	1,1,2-Trichlorotrifluoroethane	20	19.6	ug/L	98	4		70 (80)	130 (112)	20 (15)
	Tert butyl alcohol	100	97.8	ug/L	98	11		70 (48)	130 (142)	20 (30)
	1,1-Dichloroethene	20	19.2	ug/L	96	5		70 (74)	130 (110)	20 (20)
	Acetone	100	91.0	ug/L	91	4		40 (60)	160 (125)	20 (20)
	Carbon disulfide	20	18.5	ug/L	93	3		40 (64)	160 (112)	20 (20)
	Methyl tert-butyl Ether	20	20.5	ug/L	103	8		70 (78)	130 (114)	20 (20)
	Methyl Acetate	20	20.5	ug/L	103	6		70 (67)	130 (125)	20 (20)
	Methylene Chloride	20	19.9	ug/L	100	7		70 (72)	130 (114)	20 (20)
	trans-1,2-Dichloroethene	20	19.9	ug/L	100	4		70 (75)	130 (108)	20 (16)
	1,1-Dichloroethane	20	19.6	ug/L	98	3		70 (78)	130 (112)	20 (20)
	Cyclohexane	20	20.1	ug/L	101	5		70 (75)	130 (110)	20 (20)
	2-Butanone	100	98.7	ug/L	99	6		40 (65)	160 (122)	20 (26)
	Carbon Tetrachloride	20	19.5	ug/L	98	6		70 (77)	130 (113)	20 (15)
	cis-1,2-Dichloroethene	20	19.9	ug/L	100	5		70 (77)	130 (110)	20 (20)
	Bromochloromethane	20	17.5	ug/L	88	10		70 (70)	130 (124)	20 (20)
	Chloroform	20	20.1	ug/L	101	5		70 (79)	130 (113)	20 (20)
	1,1,1-Trichloroethane	20	19.4	ug/L	97	3		70 (80)	130 (108)	20 (20)
	Methylcyclohexane	20	19.3	ug/L	97	4		70 (72)	130 (115)	20 (20)
	Benzene	20	19.8	ug/L	99	4		70 (82)	130 (109)	20 (15)
	1,2-Dichloroethane	20	20.3	ug/L	102	9		70 (80)	130 (115)	20 (20)
	Trichloroethene	20	18.9	ug/L	95	3		70 (77)	130 (113)	20 (15)
	1,2-Dichloropropane	20	19.9	ug/L	100	7		70 (83)	130 (111)	20 (16)
	Bromodichloromethane	20	20.0	ug/L	100	6		70 (83)	130 (110)	20 (16)
	4-Methyl-2-Pentanone	100	100	ug/L	100	5		40 (74)	160 (118)	20 (25)
	Toluene	20	20.1	ug/L	101	5		70 (82)	130 (110)	20 (16)
	t-1,3-Dichloropropene	20	19.8	ug/L	99	7		70 (79)	130 (110)	20 (20)
	cis-1,3-Dichloropropene	20	20.3	ug/L	102	9		70 (82)	130 (110)	20 (16)
	1,1,2-Trichloroethane	20	20.7	ug/L	104	8		70 (83)	130 (112)	20 (20)
	2-Hexanone	100	100	ug/L	100	8		40 (73)	160 (117)	20 (25)
	Dibromochloromethane	20	20.0	ug/L	100	7		70 (82)	130 (110)	20 (20)
	1,2-Dibromoethane	20	20.1	ug/L	101	8		70 (81)	130 (110)	20 (20)
	Tetrachloroethene	20	19.3	ug/L	97	4		70 (67)	130 (123)	20 (15)
	Chlorobenzene	20	19.4	ug/L	97	4		70 (82)	130 (109)	20 (15)
	Ethyl Benzene	20	19.7	ug/L	99	4		70 (83)	130 (109)	20 (16)
	m/p-Xylenes	40	39.9	ug/L	100	5		70 (82)	130 (110)	20 (15)
	o-Xylene	20	19.7	ug/L	99	5		70 (83)	130 (109)	20 (20)
	Styrene	20	20.1	ug/L	101	4		70 (80)	130 (111)	20 (17)
	Bromoform	20	19.3	ug/L	97	5		70 (79)	130 (109)	20 (20)
	Isopropylbenzene	20	19.2	ug/L	96	3		70 (83)	130 (112)	20 (29)
	1,1,2,2-Tetrachloroethane	20	19.4	ug/L	97	6		70 (76)	130 (118)	20 (20)
	1,3-Dichlorobenzene	20	19.4	ug/L	97	5		70 (82)	130 (108)	20 (20)
	1,4-Dichlorobenzene	20	18.8	ug/L	94	4		70 (82)	130 (107)	20 (15)

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2455 **Analytical Method:** SW8260-Low

Client: M2 Associates **Datafile :** VX046874.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VX0703WBSD01	1,2-Dichlorobenzene	20	19.5	ug/L	98	5		70 (82)	130 (109)	20 (20)
	1,2-Dibromo-3-Chloropropane	20	18.9	ug/L	95	8		40 (68)	160 (112)	20 (20)
	1,2,4-Trichlorobenzene	20	18.3	ug/L	92	3		70 (75)	130 (113)	20 (29)
	1,2,3-Trichlorobenzene	20	19.5	ug/L	98	9		70 (76)	130 (114)	20 (29)

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VOLATILE METHOD BLANK SUMMARY

Client ID: VX0703WBL01

Lab Name: Alliance | Contract: M2AS01

Lab Code: ACE | SDG NO.: Q2455

Lab File ID: VX046871.D | Lab Sample ID: VX0703WBL01

Date Analyzed: 07/03/2025 | Time Analyzed: 09:09

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

Instrument ID: MSVOA_X

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VX0703WBS01	VX0703WBS01	VX046873.D	07/03/2025
VX0703WBSD01	VX0703WBSD01	VX046874.D	07/03/2025
MW1	Q2455-01	VX046875.D	07/03/2025
MW10	Q2455-03	VX046876.D	07/03/2025
MW3	Q2455-02	VX046877.D	07/03/2025
FIELD-BLANK	Q2455-04	VX046878.D	07/03/2025

COMMENTS:

Raw Data: **VX046859.D**

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: M2AS01
Lab Code: ACE
SDG NO.: Q2455
Lab File ID: VX046859.D
BFB Injection Date: 07/02/2025
Instrument ID: MSVOA_X
BFB Injection Time: 11:12
GC Column: DB-624UI ID: 0.18 (mm)
Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	18.2
75	30.0 - 60.0% of mass 95	50.1
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.4
173	Less than 2.0% of mass 174	0.8 (1) 1
174	50.0 - 100.0% of mass 95	75.5
175	5.0 - 9.0% of mass 174	5.6 (7.4) 1
176	95.0 - 101.0% of mass 174	73.3 (97.1) 1
177	5.0 - 9.0% of mass 176	4.9 (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
VSTDICC001	VSTDICC001	VX046860.D	07/02/2025	12:11
VSTDICC005	VSTDICC005	VX046861.D	07/02/2025	12:37
VSTDICC020	VSTDICC020	VX046862.D	07/02/2025	13:18
VSTDICCC050	VSTDICCC050	VX046863.D	07/02/2025	13:39
VSTDICC100	VSTDICC100	VX046864.D	07/02/2025	14:10
VSTDICC150	VSTDICC150	VX046865.D	07/02/2025	14:31

Raw Data: **VX046868.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: M2AS01

Lab Code: ACE | SDG NO.: Q2455

Lab File ID: VX046868.D | BFB Injection Date: 07/03/2025

Instrument ID: MSVOA_X | BFB Injection Time: 07:52

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

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	18.4
75	30.0 - 60.0% of mass 95	49.9
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.3
173	Less than 2.0% of mass 174	0.8 (1) 1
174	50.0 - 100.0% of mass 95	76
175	5.0 - 9.0% of mass 174	5.7 (7.6) 1
176	95.0 - 101.0% of mass 174	75.5 (99.4) 1
177	5.0 - 9.0% of mass 176	4.9 (6.5) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VX046869.D	07/03/2025	08:19
VX0703WBL01	VX0703WBL01	VX046871.D	07/03/2025	09:09
VX0703WBS01	VX0703WBS01	VX046873.D	07/03/2025	09:56
VX0703WBSD01	VX0703WBSD01	VX046874.D	07/03/2025	10:23
MW1	Q2455-01	VX046875.D	07/03/2025	10:44
MW10	Q2455-03	VX046876.D	07/03/2025	11:04
MW3	Q2455-02	VX046877.D	07/03/2025	11:25
FIELD-BLANK	Q2455-04	VX046878.D	07/03/2025	11:46

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: M2AS01

Lab Code: ACE SDG NO.: Q2455

Lab File ID: VX046869.D Date Analyzed: 07/03/2025

Instrument ID: MSVOA_X Time Analyzed: 08:19

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	416385	5.56	663948	6.76	582621	10.05
UPPER LIMIT	832770	6.056	1327900	7.263	1165240	10.549
LOWER LIMIT	208193	5.056	331974	6.263	291311	9.549
EPA SAMPLE NO.						
MW1	370531	5.56	627398	6.77	574040	10.06
MW3	569856	5.56	963880	6.77	868363	10.06
MW10	526667	5.56	896282	6.77	818636	10.05
FIELD-BLANK	419216	5.56	727439	6.77	669234	10.06
VX0703WBL01	435949	5.56	752530	6.76	691838	10.05
VX0703WBS01	380935	5.56	631809	6.77	572542	10.06
VX0703WBSD01	339915	5.56	568093	6.76	517645	10.05

IS1 = Pentafluorobenzene
IS2 = 1,4-Difluorobenzene
IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: M2AS01

Lab Code: ACE SDG NO.: Q2455

Lab File ID: VX046869.D Date Analyzed: 07/03/2025

Instrument ID: MSVOA_X Time Analyzed: 08:19

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

	IS4 AREA #	RT #				
12 HOUR STD	287854	12.018				
UPPER LIMIT	575708	12.518				
LOWER LIMIT	143927	11.518				
EPA SAMPLE NO.						
MW1	275510	12.02				
MW3	447320	12.02				
MW10	401752	12.02				
FIELD-BLANK	336823	12.02				
VX0703WBL01	351915	12.02				
VX0703WBS01	293826	12.02				
VX0703WBSD01	269874	12.02				

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: **VX046875.D**

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

Report of Analysis

Client:	M2 Associates	Date Collected:	06/27/25
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	06/27/25
Client Sample ID:	MW1	SDG No.:	Q2455
Lab Sample ID:	Q2455-01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046875.D	10	07/03/25 10:44	VX070325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	2.20	U	2.20	10.0	ug/L
74-87-3	Chloromethane	3.20	U	3.20	10.0	ug/L
75-01-4	Vinyl Chloride	2.60	U	2.60	10.0	ug/L
74-83-9	Bromomethane	14.4	U	14.4	50.0	ug/L
75-00-3	Chloroethane	4.70	U	4.70	10.0	ug/L
75-69-4	Trichlorofluoromethane	3.30	U	3.30	10.0	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	2.50	U	2.50	10.0	ug/L
75-65-0	Tert butyl alcohol	55.1	U	55.1	250	ug/L
75-35-4	1,1-Dichloroethene	2.30	U	2.30	10.0	ug/L
67-64-1	Acetone	15.1	U	15.1	50.0	ug/L
75-15-0	Carbon Disulfide	2.10	U	2.10	10.0	ug/L
1634-04-4	Methyl tert-butyl Ether	1.60	U	1.60	10.0	ug/L
79-20-9	Methyl Acetate	2.70	U	2.70	10.0	ug/L
75-09-2	Methylene Chloride	2.80	U	2.80	10.0	ug/L
156-60-5	trans-1,2-Dichloroethene	2.30	U	2.30	10.0	ug/L
75-34-3	1,1-Dichloroethane	2.30	U	2.30	10.0	ug/L
110-82-7	Cyclohexane	34.3	J	14.5	50.0	ug/L
78-93-3	2-Butanone	9.80	U	9.80	50.0	ug/L
56-23-5	Carbon Tetrachloride	2.50	U	2.50	10.0	ug/L
156-59-2	cis-1,2-Dichloroethene	1.90	U	1.90	10.0	ug/L
74-97-5	Bromochloromethane	2.20	U	2.20	10.0	ug/L
67-66-3	Chloroform	2.50	U	2.50	10.0	ug/L
71-55-6	1,1,1-Trichloroethane	2.00	U	2.00	10.0	ug/L
108-87-2	Methylcyclohexane	30.4		1.60	10.0	ug/L
71-43-2	Benzene	6.40	J	1.50	10.0	ug/L
107-06-2	1,2-Dichloroethane	2.20	U	2.20	10.0	ug/L
79-01-6	Trichloroethene	0.93	U	0.93	10.0	ug/L
78-87-5	1,2-Dichloropropane	2.00	U	2.00	10.0	ug/L
75-27-4	Bromodichloromethane	2.20	U	2.20	10.0	ug/L
108-10-1	4-Methyl-2-Pentanone	6.80	U	6.80	50.0	ug/L

Raw Data: **VX046875.D**

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

Report of Analysis

Client:	M2 Associates	Date Collected:	06/27/25
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	06/27/25
Client Sample ID:	MW1	SDG No.:	Q2455
Lab Sample ID:	Q2455-01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046875.D	10	07/03/25 10:44	VX070325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-88-3	Toluene	92.6		1.40	10.0	ug/L
10061-02-6	t-1,3-Dichloropropene	1.70	U	1.70	10.0	ug/L
10061-01-5	cis-1,3-Dichloropropene	1.60	U	1.60	10.0	ug/L
79-00-5	1,1,2-Trichloroethane	2.10	U	2.10	10.0	ug/L
591-78-6	2-Hexanone	8.90	U	8.90	50.0	ug/L
124-48-1	Dibromochloromethane	1.80	U	1.80	10.0	ug/L
106-93-4	1,2-Dibromoethane	1.50	U	1.50	10.0	ug/L
127-18-4	Tetrachloroethene	2.30	U	2.30	10.0	ug/L
108-90-7	Chlorobenzene	1.20	U	1.20	10.0	ug/L
100-41-4	Ethyl Benzene	210		1.30	10.0	ug/L
179601-23-1	m/p-Xylenes	1200		2.40	20.0	ug/L
95-47-6	o-Xylene	380		1.20	10.0	ug/L
100-42-5	Styrene	1.50	U	1.50	10.0	ug/L
75-25-2	Bromoform	1.90	U	1.90	10.0	ug/L
98-82-8	Isopropylbenzene	76.7		1.20	10.0	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	2.60	U	2.60	10.0	ug/L
541-73-1	1,3-Dichlorobenzene	1.60	U	1.60	10.0	ug/L
106-46-7	1,4-Dichlorobenzene	1.90	U	1.90	10.0	ug/L
95-50-1	1,2-Dichlorobenzene	1.60	U	1.60	10.0	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	5.30	U	5.30	10.0	ug/L
120-82-1	1,2,4-Trichlorobenzene	2.00	U	2.00	10.0	ug/L
87-61-6	1,2,3-Trichlorobenzene	2.00	U	2.00	10.0	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	48.3		70 (74) - 130 (125)	97%	SPK: 50
1868-53-7	Dibromofluoromethane	47.6		70 (75) - 130 (124)	95%	SPK: 50
2037-26-5	Toluene-d8	50.0		70 (86) - 130 (113)	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.3		70 (77) - 130 (121)	99%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	371000	5.562			
540-36-3	1,4-Difluorobenzene	627000	6.769			
3114-55-4	Chlorobenzene-d5	574000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	276000	12.018			

Raw Data: **VX046875.D**

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

Report of Analysis

Client:	M2 Associates	Date Collected:	06/27/25
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	06/27/25
Client Sample ID:	MW1	SDG No.:	Q2455
Lab Sample ID:	Q2455-01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046875.D	10	07/03/25 10:44	VX070325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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: **VX046875.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046875.D
Acq On : 03 Jul 2025 10:44
Operator : JC/MD
Sample : Q2455-01 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 04 01:28:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
MW1

Manual Integrations APPROVED

Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	370531	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	627398	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	574040	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	275510	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	236402	48.294	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 96.580%			
35) Dibromofluoromethane	5.397	113	202646	47.583	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.160%			
50) Toluene-d8	8.647	98	752026	50.049	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.100%			
62) 4-Bromofluorobenzene	11.079	95	281328	49.263	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.520%			
Target Compounds						Qvalue
31) Cyclohexane	5.495	56	24008	3.431	ug/l	89
39) Methylcyclohexane	7.391	83	21855	3.041	ug/l	94
40) Benzene	6.056	78	11069	0.637	ug/l #	90
52) Toluene	8.720	92	99691	9.257	ug/l	98
67) Ethyl Benzene	10.195	91	444706	20.923	ug/l	99
68) m/p-Xylenes	10.299	106	930966	116.241	ug/l	100
69) o-Xylene	10.640	106	293176	37.896	ug/l	99
73) Isopropylbenzene	10.963	105	148631	7.674	ug/l	98
78) n-propylbenzene	11.305	91	207939	8.904	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	435995	27.705	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	1378607	86.670	ug/l	98
85) sec-Butylbenzene	11.890	105	16861m	0.823	ug/l	
94) Hexachlorobutadiene	13.719	225	2479	1.107	ug/l	96
95) Naphthalene	13.774	128	157848	10.085	ug/l	99

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

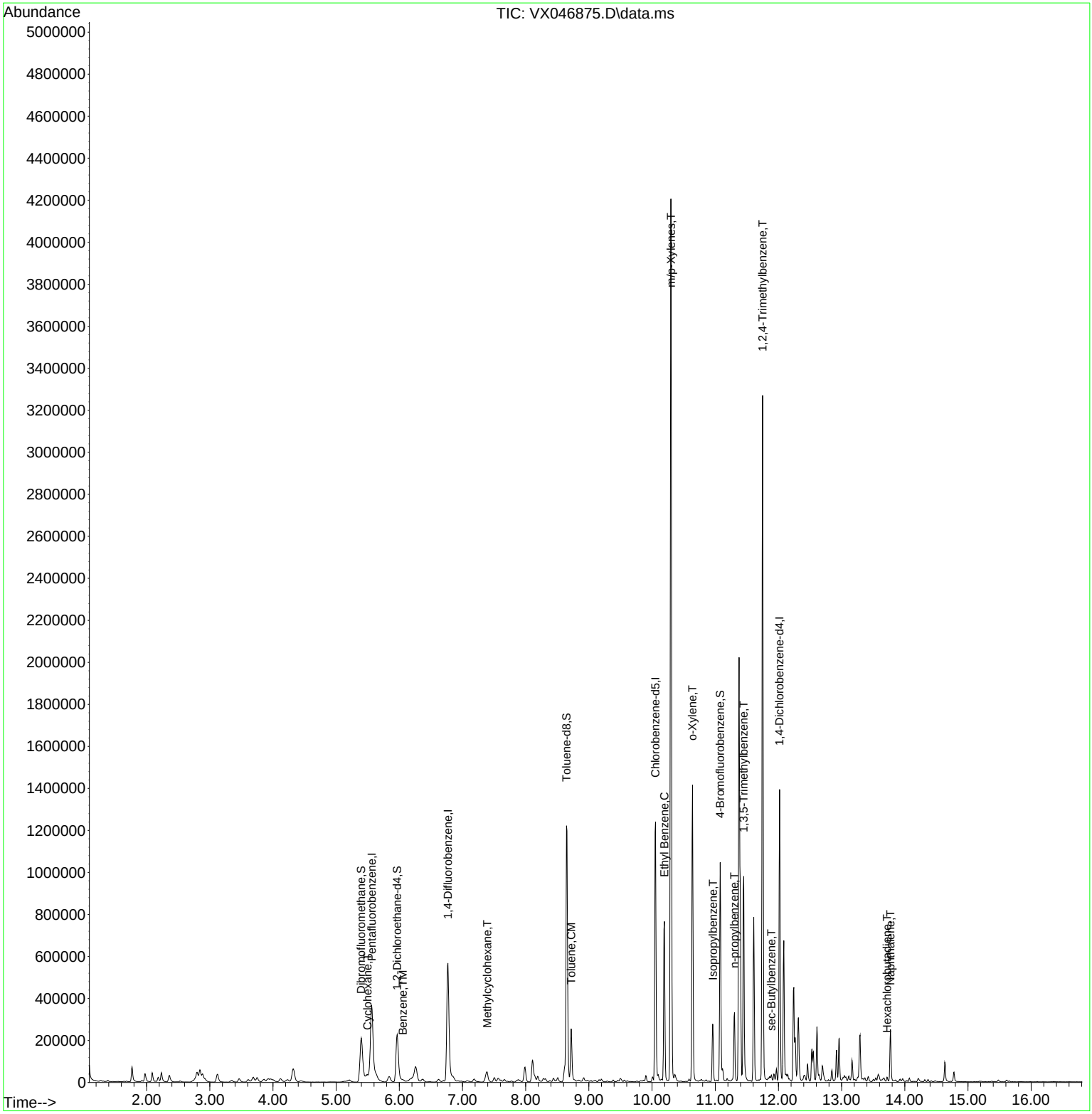
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046875.D
Acq On : 03 Jul 2025 10:44
Operator : JC/MD
Sample : Q2455-01 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

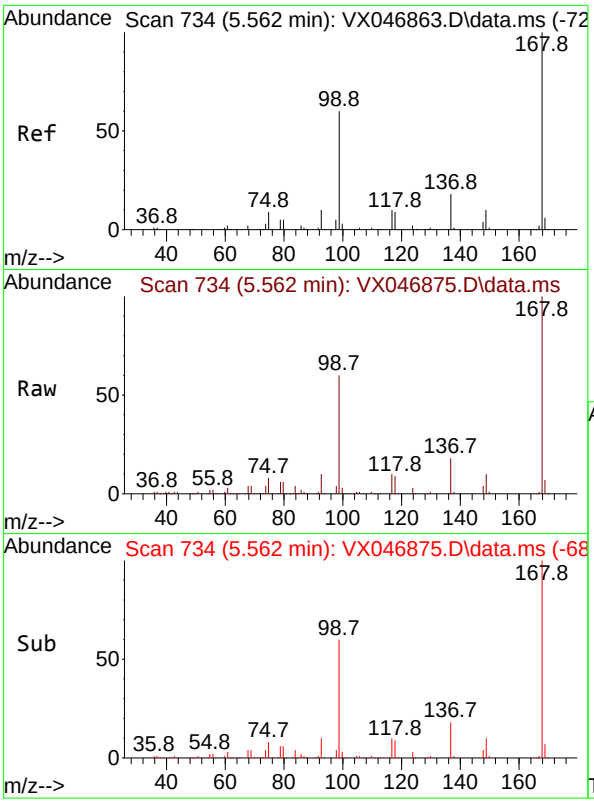
Quant Time: Jul 04 01:28:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
MW1

Manual Integrations APPROVED

Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025

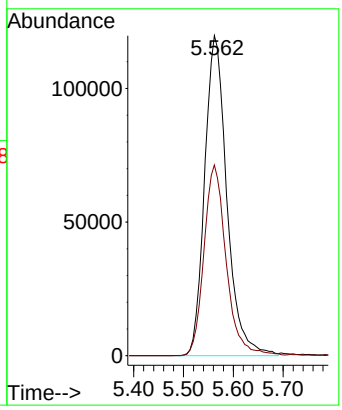




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046875.D
Acq: 03 Jul 2025 10:44

Tgt Ion:168 Resp: 37053

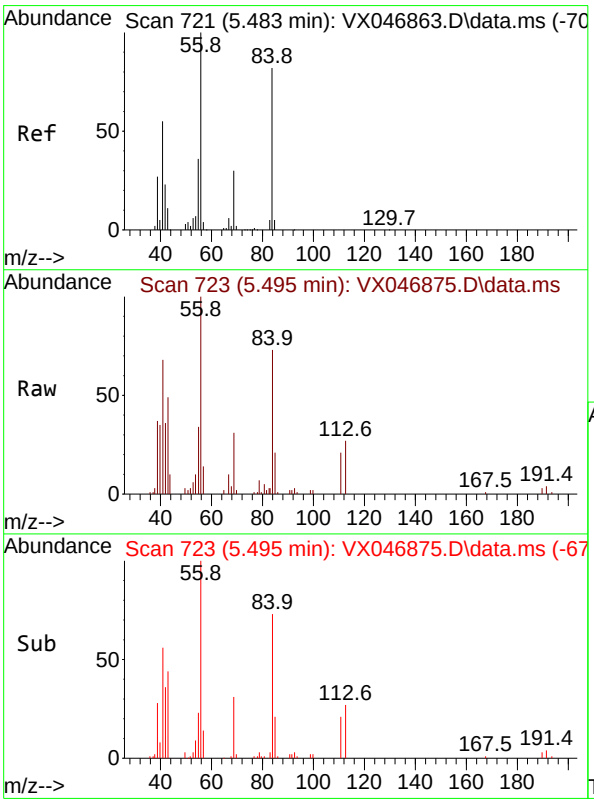
Ion	Ratio	Lower	Upper
168	100		
99	59.5	48.8	73.2



Instrument :
MSVOA_X
ClientSampleId :
MW1

Manual Integrations
APPROVED

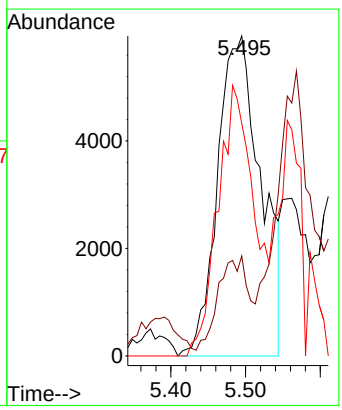
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025

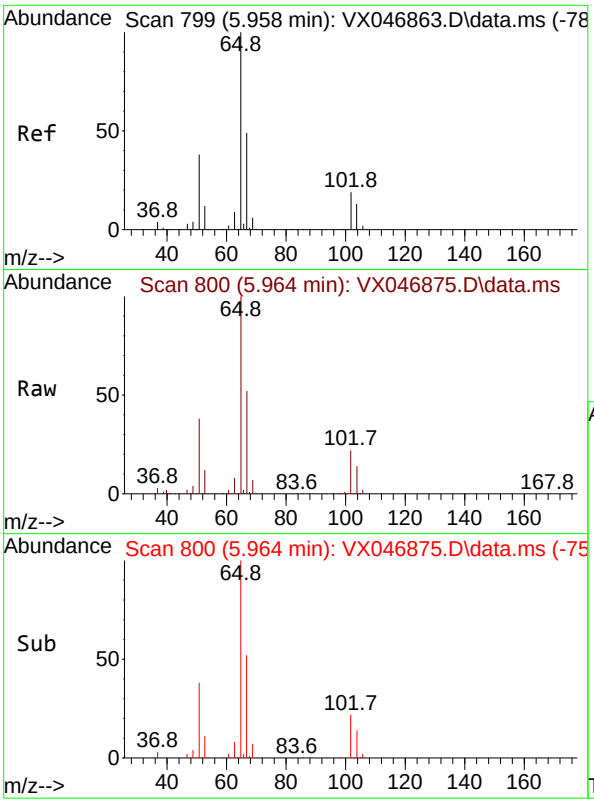


#31
Cyclohexane
Concen: 3.431 ug/l
RT: 5.495 min Scan# 723
Delta R.T. 0.012 min
Lab File: VX046875.D
Acq: 03 Jul 2025 10:44

Tgt Ion: 56 Resp: 24008

Ion	Ratio	Lower	Upper
56	100		
69	24.7	24.0	36.0
84	72.7	66.5	99.7

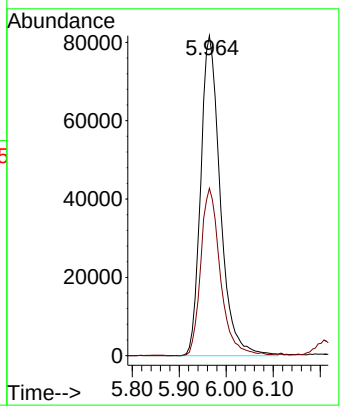




#33
1,2-Dichloroethane-d4
Concen: 48.294 ug/l
RT: 5.964 min Scan# 8
Delta R.T. 0.006 min
Lab File: VX046875.D
Acq: 03 Jul 2025 10:44

Tgt Ion: 65 Resp: 23640

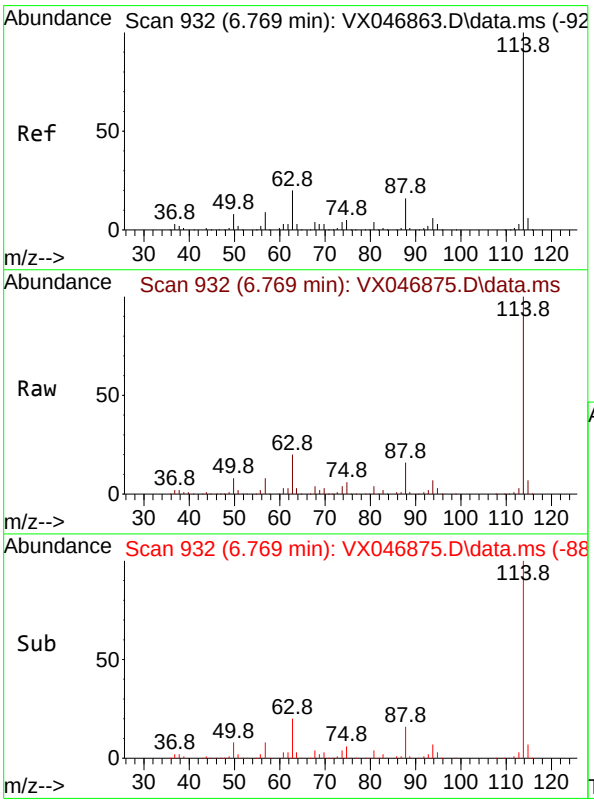
Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	105.2



Instrument :
MSVOA_X
ClientSampleId :
MW1

Manual Integrations
APPROVED

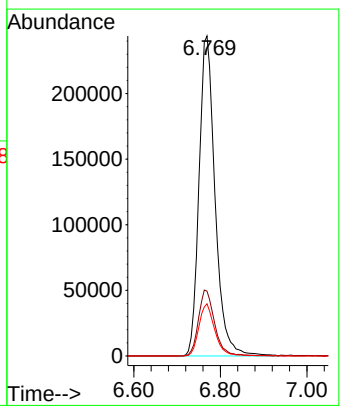
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025

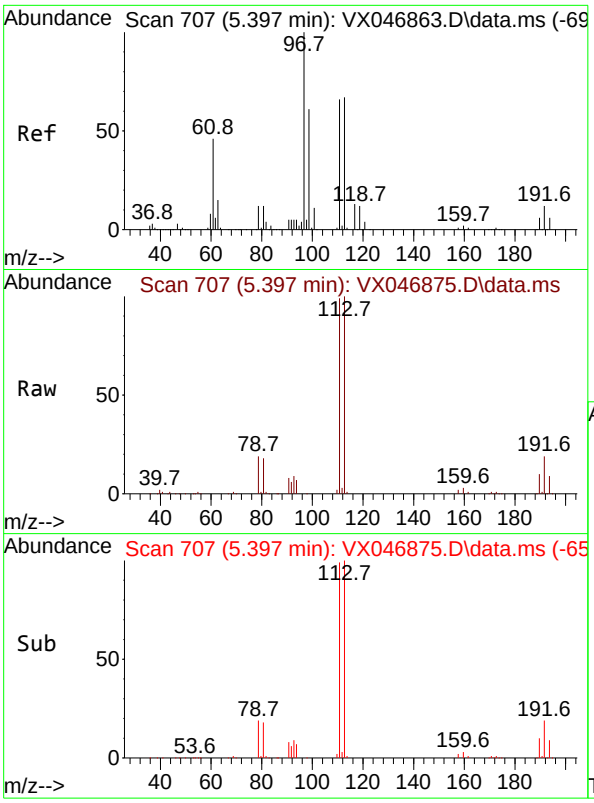


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX046875.D
Acq: 03 Jul 2025 10:44

Tgt Ion:114 Resp: 627398

Ion	Ratio	Lower	Upper
114	100		
63	23.0	0.0	40.4
88	16.3	0.0	31.0

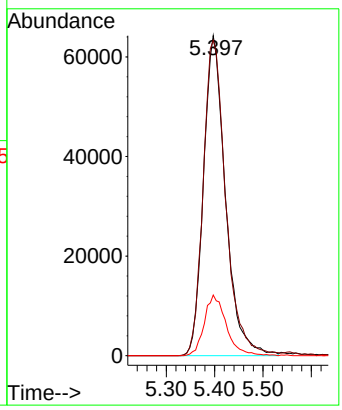




#35
Dibromofluoromethane
Concen: 47.583 ug/l
RT: 5.397 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046875.D
Acq: 03 Jul 2025 10:44

Tgt Ion:113 Resp: 20264

Ion	Ratio	Lower	Upper
113	100		
111	101.3	81.2	121.8
192	19.0	15.3	22.9



Instrument :
MSVOA_X
ClientSampleId :
MW1

Manual Integrations
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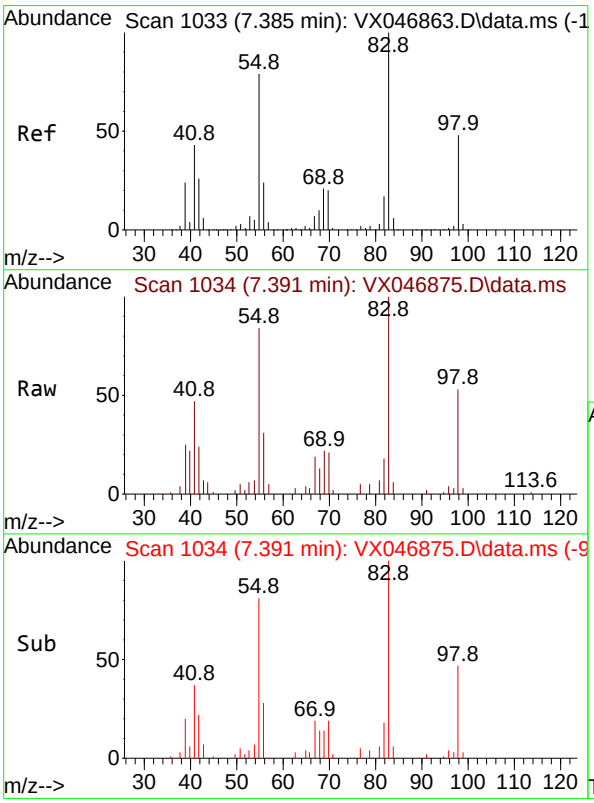
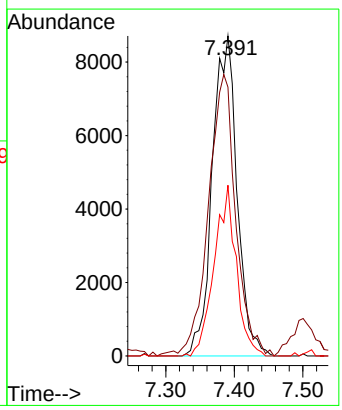
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025

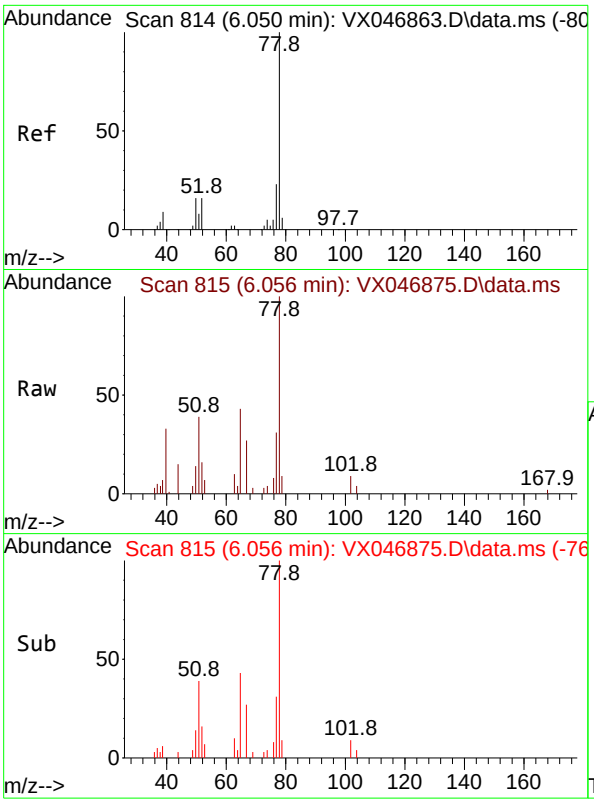


#39
Methylcyclohexane
Concen: 3.041 ug/l
RT: 7.391 min Scan# 1034
Delta R.T. 0.006 min
Lab File: VX046875.D
Acq: 03 Jul 2025 10:44

Tgt Ion: 83 Resp: 21855

Ion	Ratio	Lower	Upper
83	100		
55	83.2	63.0	94.4
98	53.4	38.5	57.7





#40
Benzene
Concen: 0.637 ug/l
RT: 6.056 min Scan# 8
Delta R.T. 0.006 min
Lab File: VX046875.D
Acq: 03 Jul 2025 10:44

Tgt Ion: 78 Resp: 1106

Ion	Ratio	Lower	Upper
78	100		
77	28.5	18.7	28.1

Instrument :
MSVOA_X
ClientSampleId :
MW1

Manual Integrations
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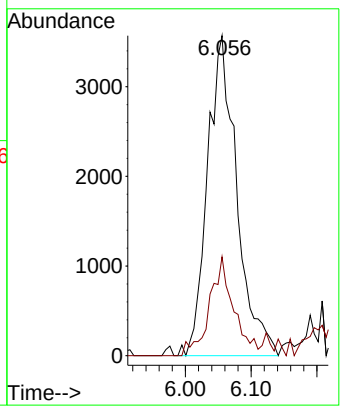
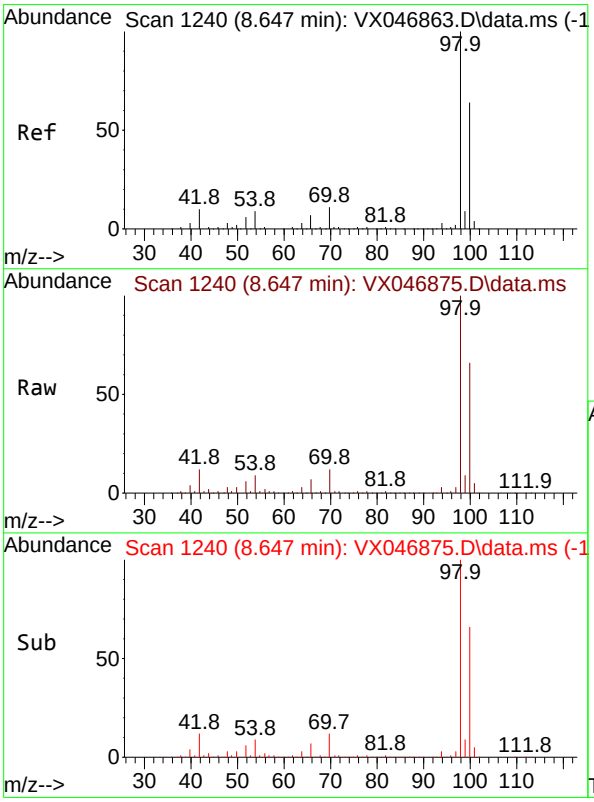
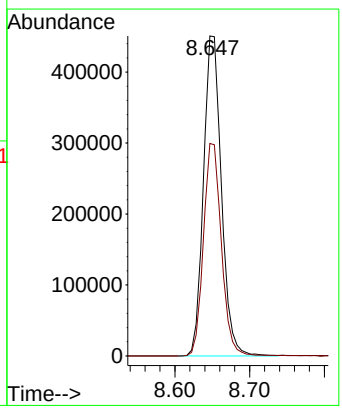


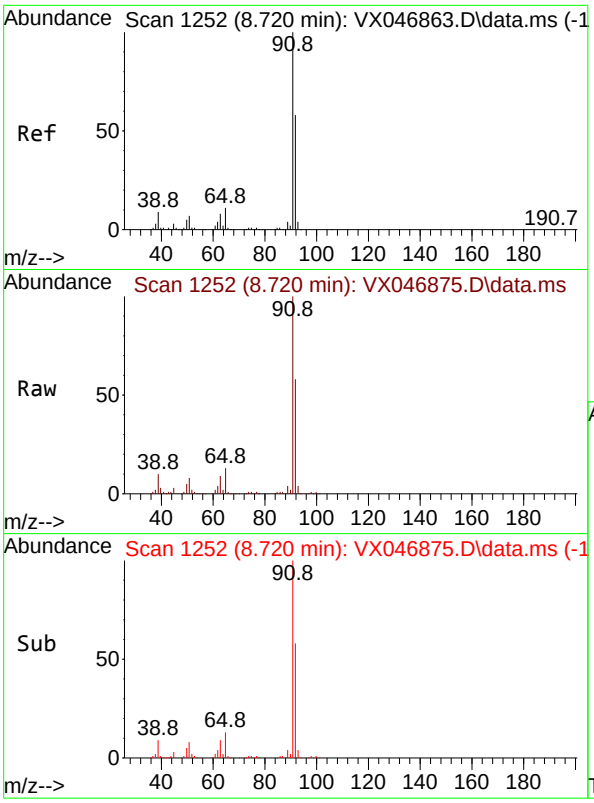


#50
Toluene-d8
Concen: 50.049 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046875.D
Acq: 03 Jul 2025 10:44

Tgt Ion: 98 Resp: 752026

Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.0	79.6





#52
Toluene
Concen: 9.257 ug/l
RT: 8.720 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046875.D
Acq: 03 Jul 2025 10:44

Tgt Ion: 92 Resp: 9969

Ion	Ratio	Lower	Upper
92	100		
91	170.1	137.9	206.9

Instrument :
MSVOA_X
ClientSampleId :
MW1

Manual Integrations
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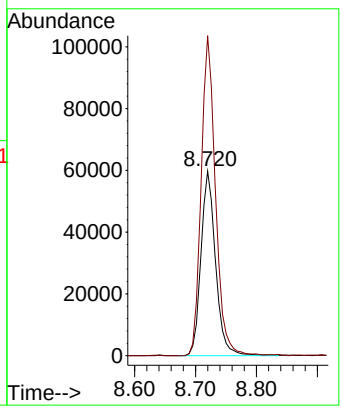
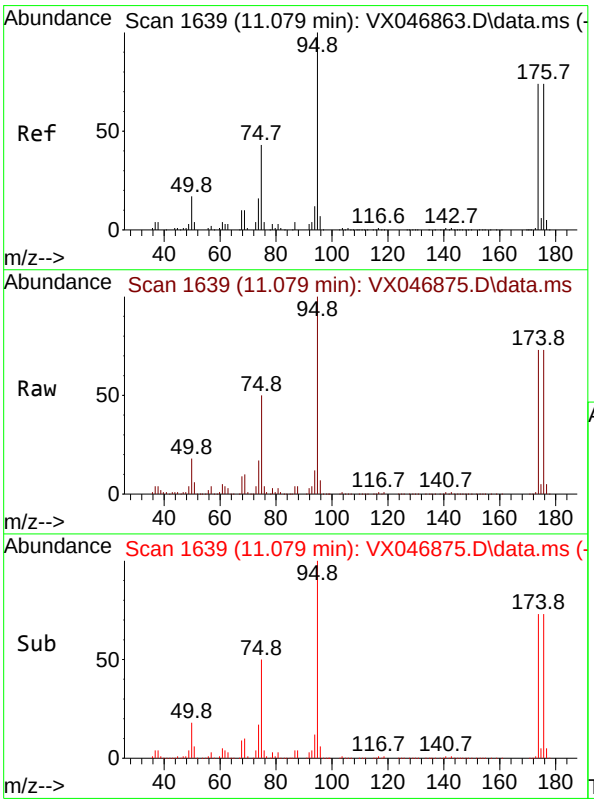
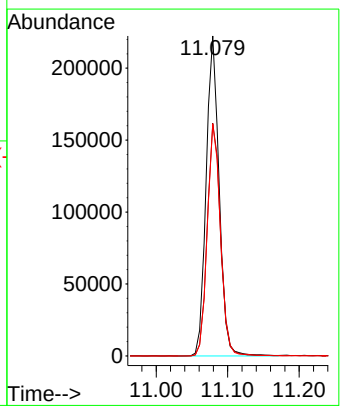


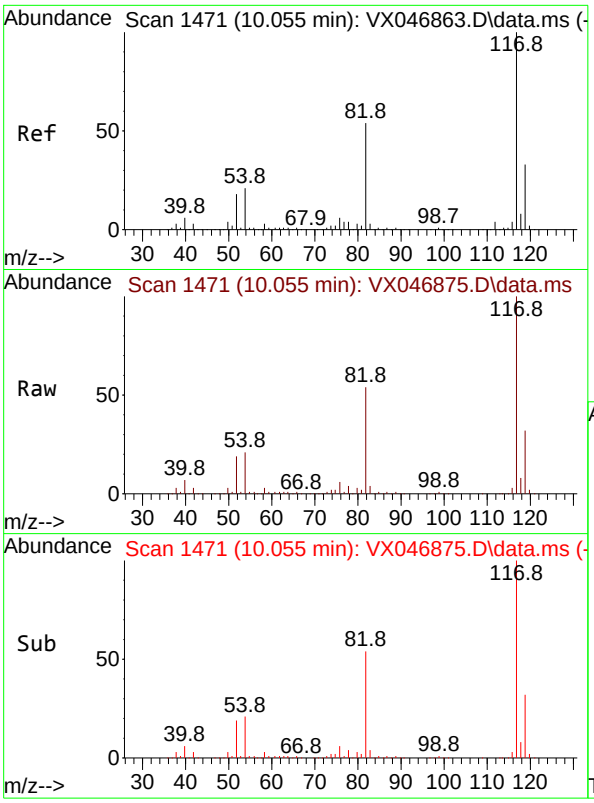


#62
4-Bromofluorobenzene
Concen: 49.263 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046875.D
Acq: 03 Jul 2025 10:44

Tgt Ion: 95 Resp: 281328

Ion	Ratio	Lower	Upper
95	100		
174	74.2	0.0	152.0
176	73.4	0.0	145.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046875.D
Acq: 03 Jul 2025 10:44

Tgt Ion:117 Resp: 57404

Ion	Ratio	Lower	Upper
117	100		
82	54.2	43.3	64.9
119	32.5	26.4	39.6

Instrument :
MSVOA_X
ClientSampleId :
MW1

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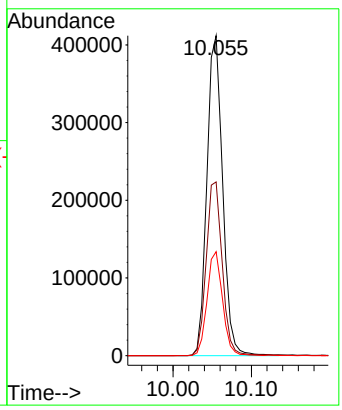
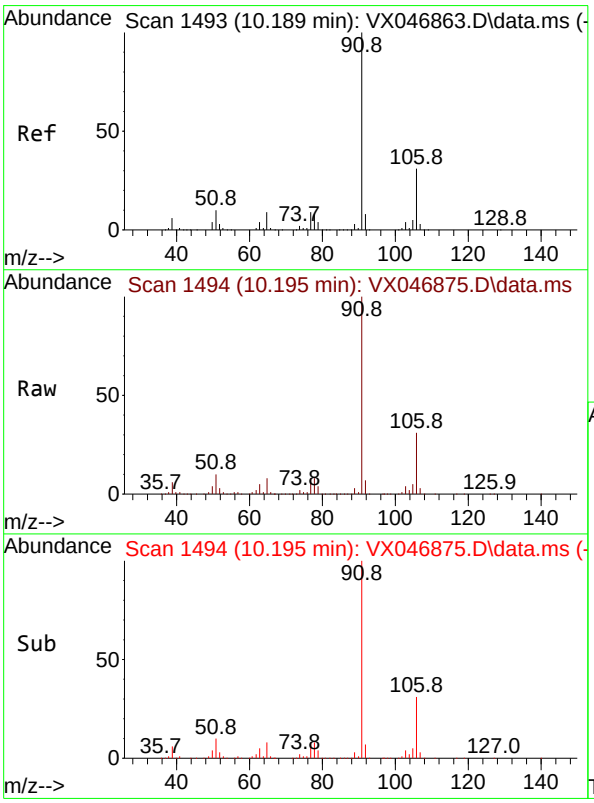
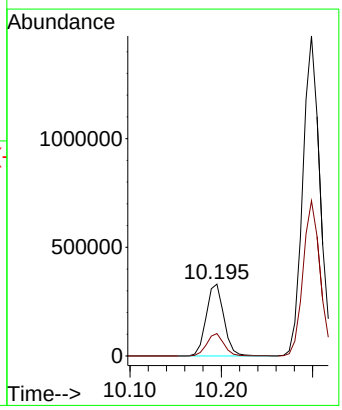


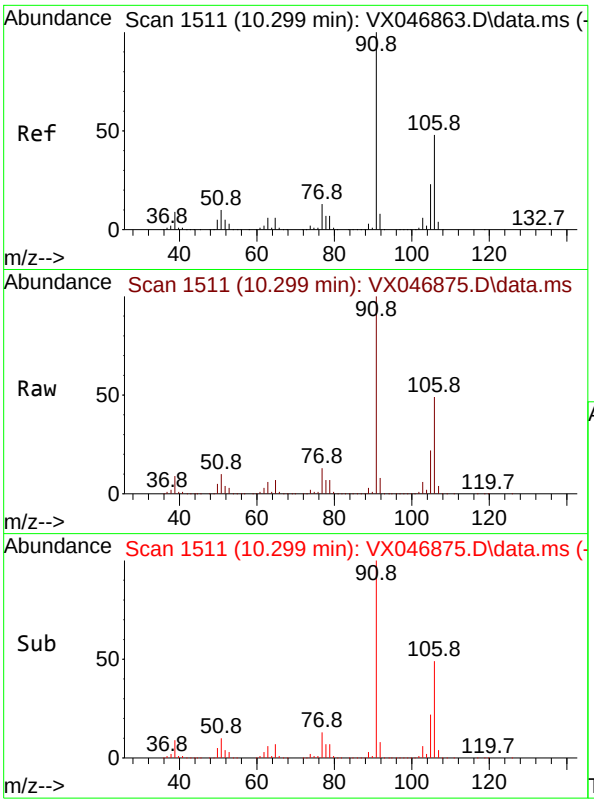


#67
Ethyl Benzene
Concen: 20.923 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX046875.D
Acq: 03 Jul 2025 10:44

Tgt Ion: 91 Resp: 444706

Ion	Ratio	Lower	Upper
91	100		
106	31.3	24.4	36.6





#68
m/p-Xylenes
Concen: 116.241 ug/l
RT: 10.299 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046875.D
Acq: 03 Jul 2025 10:44

Tgt Ion:106 Resp: 93096

Ion	Ratio	Lower	Upper
106	100		
91	206.1	164.6	246.8

Instrument :
MSVOA_X
ClientSampleId :
MW1

Manual Integrations
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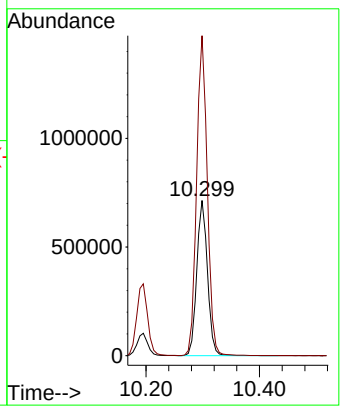
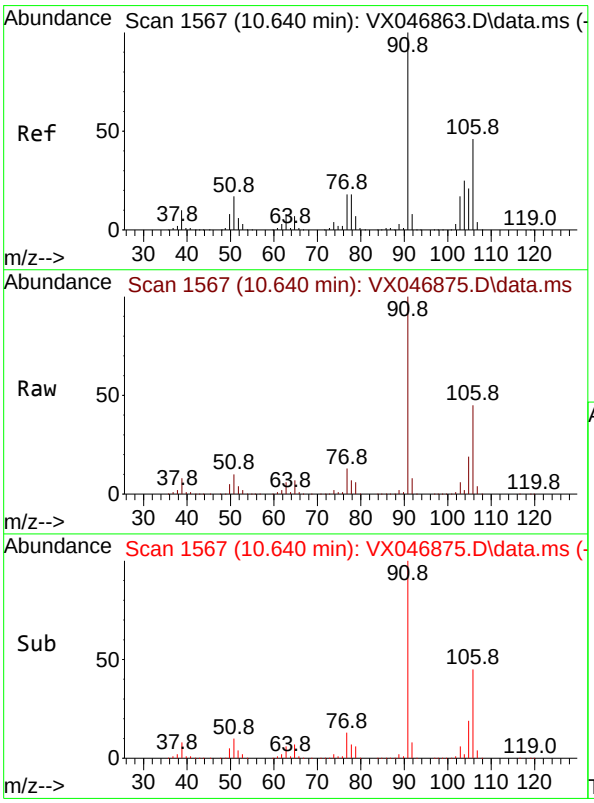
Supervised By :Mahesh Dadoda 07/07/2025

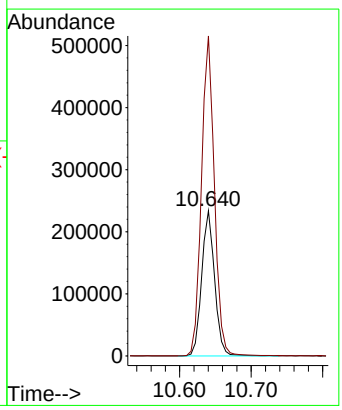


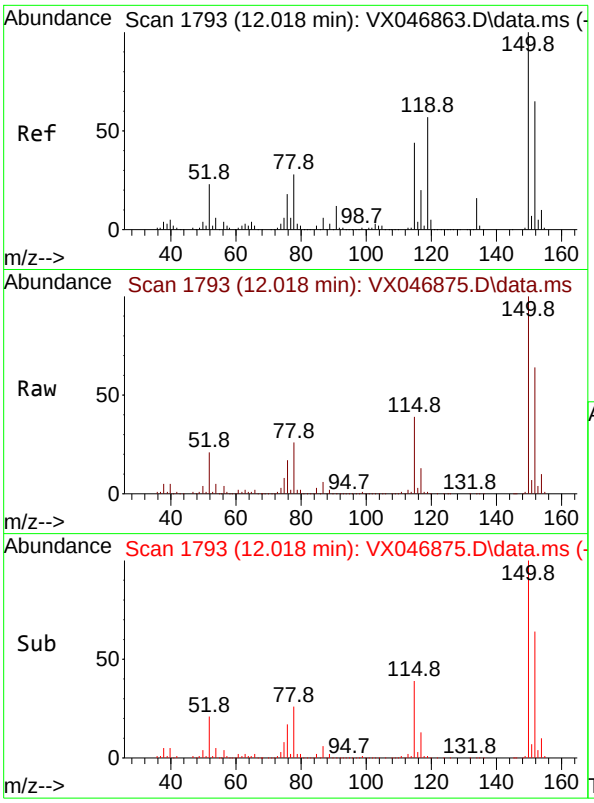


#69
o-Xylene
Concen: 37.896 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX046875.D
Acq: 03 Jul 2025 10:44

Tgt Ion:106 Resp: 293176

Ion	Ratio	Lower	Upper
106	100		
91	220.3	109.5	328.5

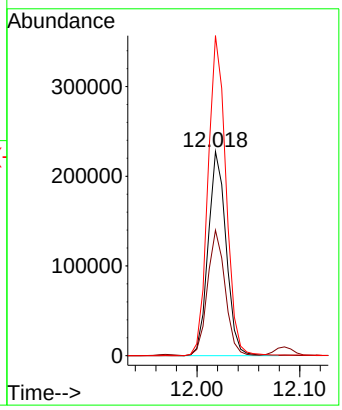




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046875.D
Acq: 03 Jul 2025 10:44

Tgt Ion:152 Resp: 27551

Ion	Ratio	Lower	Upper
152	100		
115	60.4	42.4	127.1
150	157.2	0.0	349.2



Instrument :
MSVOA_X
ClientSampleId :
MW1

Manual Integrations
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Reviewed By :John Carlone 07/07/2025
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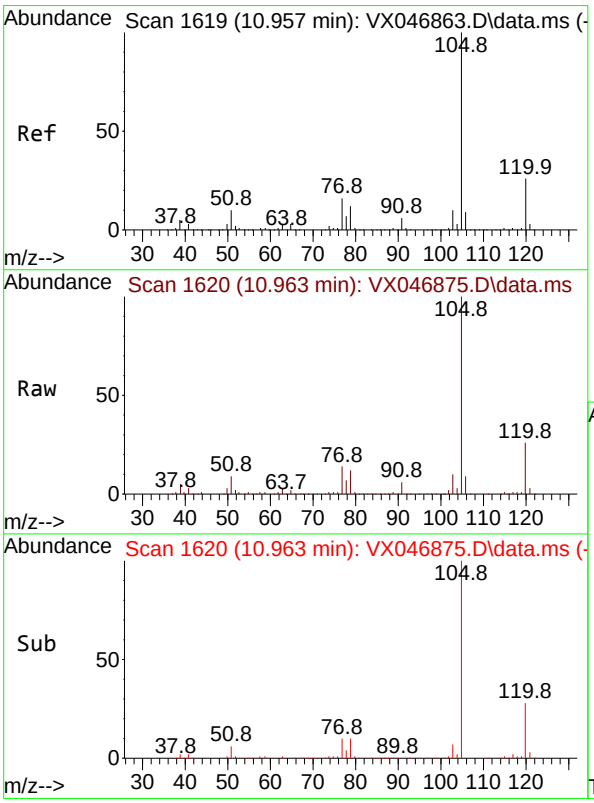
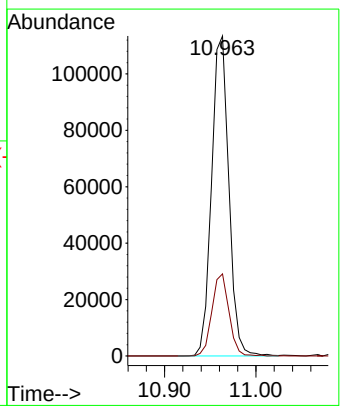
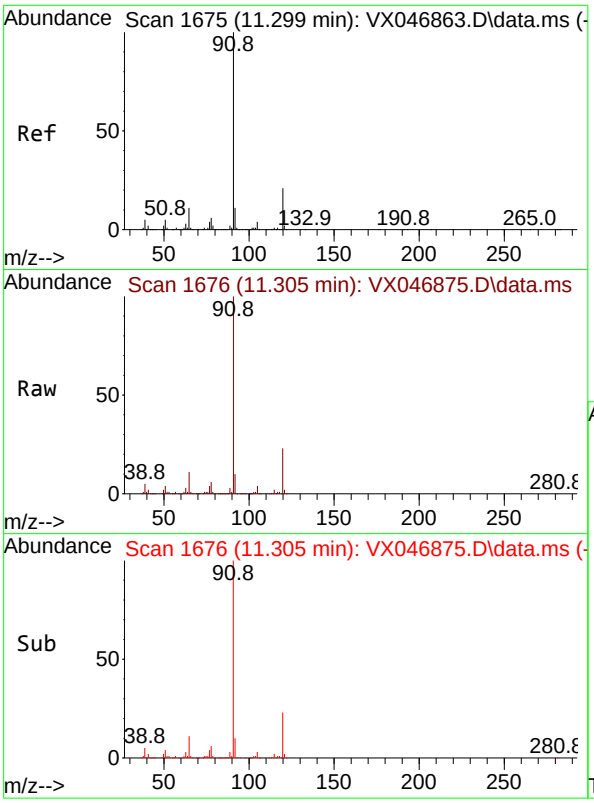


#73
Isopropylbenzene
Concen: 7.674 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.006 min
Lab File: VX046875.D
Acq: 03 Jul 2025 10:44

Tgt Ion:105 Resp: 148631

Ion	Ratio	Lower	Upper
105	100		
120	25.3	13.2	39.5

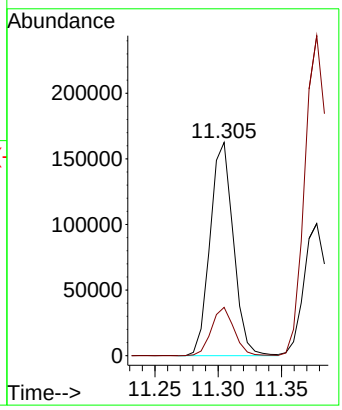




#78
n-propylbenzene
Concen: 8.904 ug/l
RT: 11.305 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046875.D
Acq: 03 Jul 2025 10:44

Tgt Ion: 91 Resp: 20793

Ion	Ratio	Lower	Upper
91	100		
120	22.1	11.2	33.5



Instrument :
MSVOA_X
ClientSampleId :
MW1

Manual Integrations
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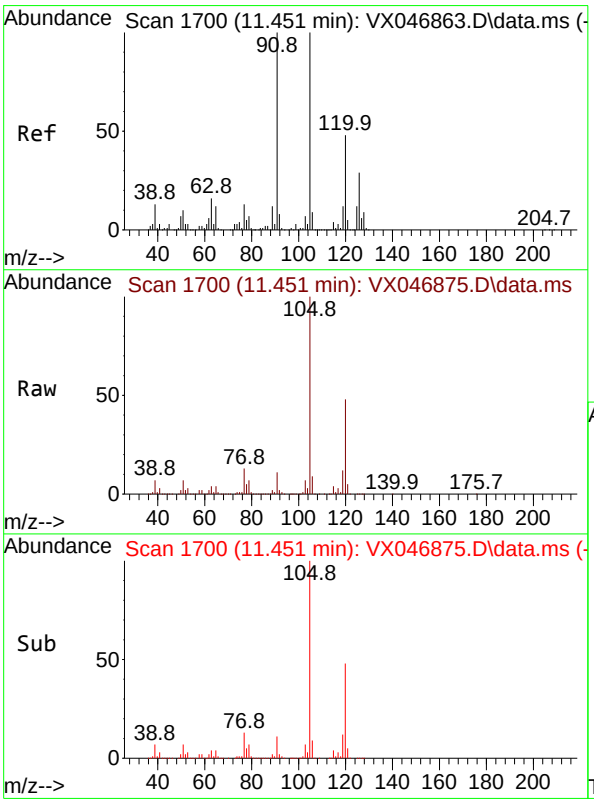
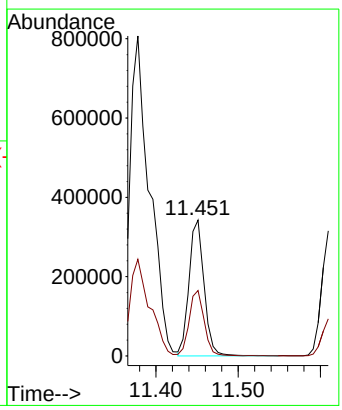
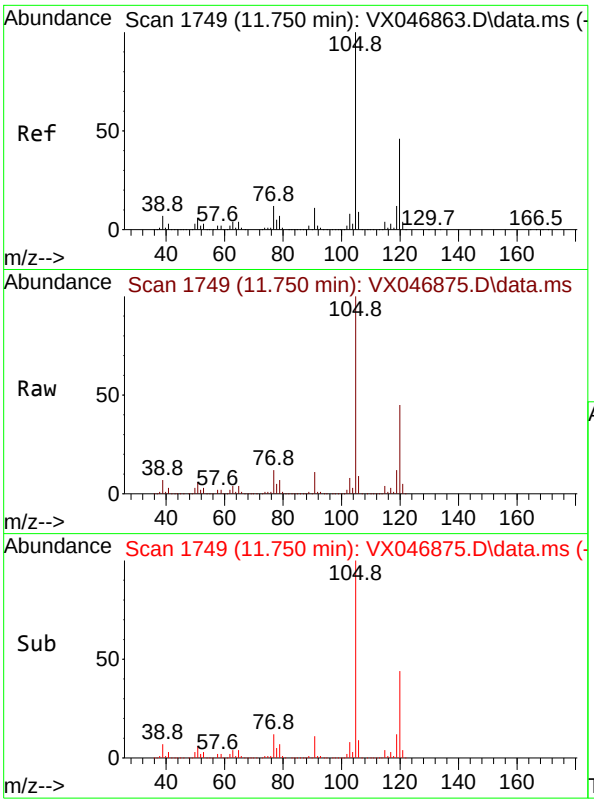


#80
1,3,5-Trimethylbenzene
Concen: 27.705 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046875.D
Acq: 03 Jul 2025 10:44

Tgt Ion:105 Resp: 435995

Ion	Ratio	Lower	Upper
105	100		
120	47.8	24.1	72.4





#84
1,2,4-Trimethylbenzene
Concen: 86.670 ug/l
RT: 11.750 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046875.D
Acq: 03 Jul 2025 10:44

Tgt Ion:105 Resp: 137860

Ion	Ratio	Lower	Upper
105	100		
120	44.9	23.3	69.8

Instrument :
MSVOA_X
ClientSampleId :
MW1

Manual Integrations
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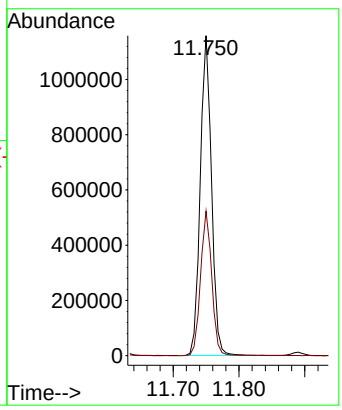
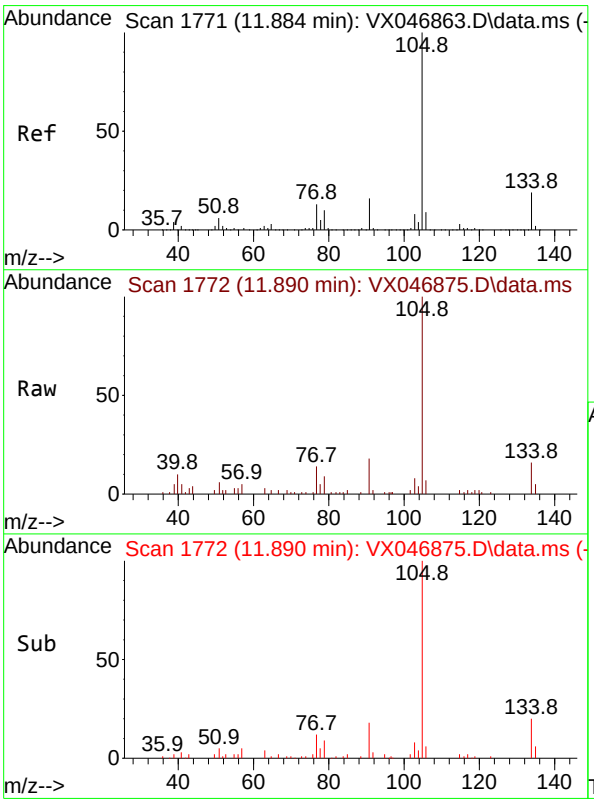
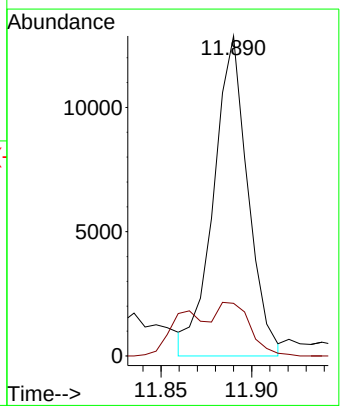


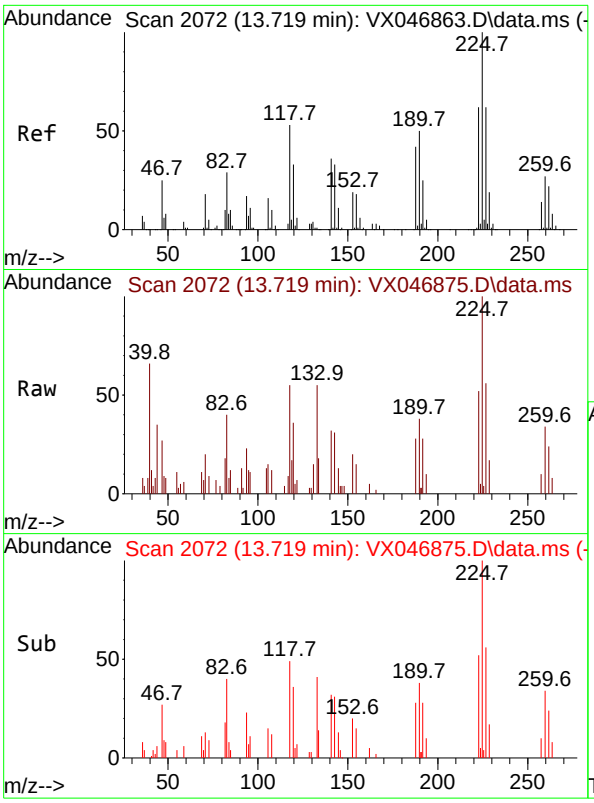


#85
sec-Butylbenzene
Concen: 0.823 ug/l m
RT: 11.890 min Scan# 1772
Delta R.T. 0.006 min
Lab File: VX046875.D
Acq: 03 Jul 2025 10:44

Tgt Ion:105 Resp: 16861

Ion	Ratio	Lower	Upper
105	100		
134	0.0	9.9	29.7#

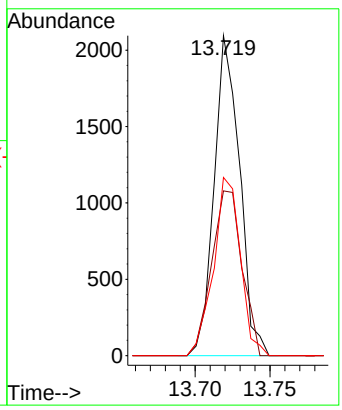




#94
Hexachlorobutadiene
Concen: 1.107 ug/l
RT: 13.719 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX046875.D
Acq: 03 Jul 2025 10:44

Tgt Ion:225 Resp: 247

Ion	Ratio	Lower	Upper
225	100		
223	61.6	31.6	94.7
227	58.8	31.6	94.7



Instrument :
MSVOA_X
ClientSampleId :
MW1

Manual Integrations
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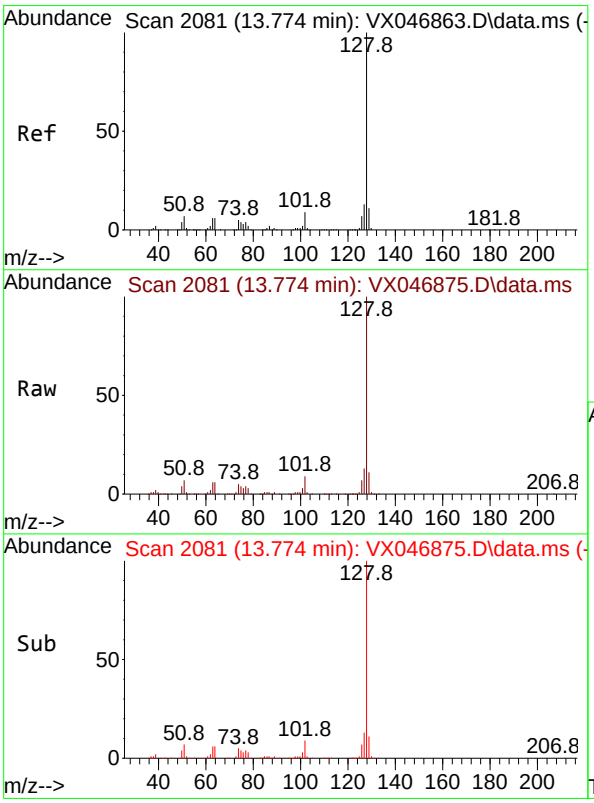
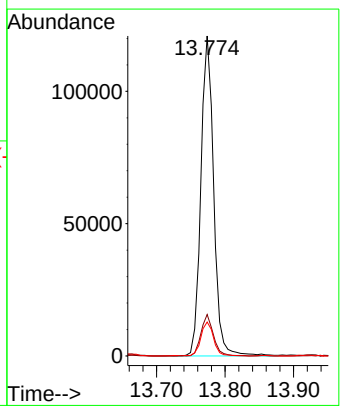


#95
Naphthalene
Concen: 10.085 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX046875.D
Acq: 03 Jul 2025 10:44

Tgt Ion:128 Resp: 157848

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.4
129	10.5	8.6	13.0



Raw Data: **VX046877.D**

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

Report of Analysis

Client:	M2 Associates	Date Collected:	06/27/25
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	06/27/25
Client Sample ID:	MW3	SDG No.:	Q2455
Lab Sample ID:	Q2455-02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046877.D	500	07/03/25 11:25	VX070325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	110	U	110	500	ug/L
74-87-3	Chloromethane	160	U	160	500	ug/L
75-01-4	Vinyl Chloride	130	U	130	500	ug/L
74-83-9	Bromomethane	720	U	720	2500	ug/L
75-00-3	Chloroethane	240	U	240	500	ug/L
75-69-4	Trichlorofluoromethane	170	U	170	500	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	130	U	130	500	ug/L
75-65-0	Tert butyl alcohol	2800	U	2800	12500	ug/L
75-35-4	1,1-Dichloroethene	120	U	120	500	ug/L
67-64-1	Acetone	760	U	760	2500	ug/L
75-15-0	Carbon Disulfide	110	U	110	500	ug/L
1634-04-4	Methyl tert-butyl Ether	80.0	U	80.0	500	ug/L
79-20-9	Methyl Acetate	140	U	140	500	ug/L
75-09-2	Methylene Chloride	140	U	140	500	ug/L
156-60-5	trans-1,2-Dichloroethene	120	U	120	500	ug/L
75-34-3	1,1-Dichloroethane	120	U	120	500	ug/L
110-82-7	Cyclohexane	730	U	730	2500	ug/L
78-93-3	2-Butanone	490	U	490	2500	ug/L
56-23-5	Carbon Tetrachloride	130	U	130	500	ug/L
156-59-2	cis-1,2-Dichloroethene	95.0	U	95.0	500	ug/L
74-97-5	Bromochloromethane	110	U	110	500	ug/L
67-66-3	Chloroform	130	U	130	500	ug/L
71-55-6	1,1,1-Trichloroethane	100	U	100	500	ug/L
108-87-2	Methylcyclohexane	80.0	U	80.0	500	ug/L
71-43-2	Benzene	520		75.0	500	ug/L
107-06-2	1,2-Dichloroethane	110	U	110	500	ug/L
79-01-6	Trichloroethene	46.5	U	46.5	500	ug/L
78-87-5	1,2-Dichloropropane	100	U	100	500	ug/L
75-27-4	Bromodichloromethane	110	U	110	500	ug/L
108-10-1	4-Methyl-2-Pentanone	340	U	340	2500	ug/L

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

Report of Analysis

Client:	M2 Associates	Date Collected:	06/27/25
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	06/27/25
Client Sample ID:	MW3	SDG No.:	Q2455
Lab Sample ID:	Q2455-02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046877.D	500	07/03/25 11:25	VX070325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-88-3	Toluene	21900		70.0	500	ug/L
10061-02-6	t-1,3-Dichloropropene	85.0	U	85.0	500	ug/L
10061-01-5	cis-1,3-Dichloropropene	80.0	U	80.0	500	ug/L
79-00-5	1,1,2-Trichloroethane	110	U	110	500	ug/L
591-78-6	2-Hexanone	450	U	450	2500	ug/L
124-48-1	Dibromochloromethane	90.0	U	90.0	500	ug/L
106-93-4	1,2-Dibromoethane	75.0	U	75.0	500	ug/L
127-18-4	Tetrachloroethene	120	U	120	500	ug/L
108-90-7	Chlorobenzene	60.0	U	60.0	500	ug/L
100-41-4	Ethyl Benzene	900		65.0	500	ug/L
179601-23-1	m/p-Xylenes	5000		120	1000	ug/L
95-47-6	o-Xylene	2100		60.0	500	ug/L
100-42-5	Styrene	75.0	U	75.0	500	ug/L
75-25-2	Bromoform	95.0	U	95.0	500	ug/L
98-82-8	Isopropylbenzene	60.0	U	60.0	500	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	130	U	130	500	ug/L
541-73-1	1,3-Dichlorobenzene	80.0	U	80.0	500	ug/L
106-46-7	1,4-Dichlorobenzene	95.0	U	95.0	500	ug/L
95-50-1	1,2-Dichlorobenzene	80.0	U	80.0	500	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	270	U	270	500	ug/L
120-82-1	1,2,4-Trichlorobenzene	100	U	100	500	ug/L
87-61-6	1,2,3-Trichlorobenzene	100	U	100	500	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	47.6		70 (74) - 130 (125)	95%	SPK: 50
1868-53-7	Dibromofluoromethane	46.5		70 (75) - 130 (124)	93%	SPK: 50
2037-26-5	Toluene-d8	49.4		70 (86) - 130 (113)	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.1		70 (77) - 130 (121)	100%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	570000	5.562			
540-36-3	1,4-Difluorobenzene	964000	6.769			
3114-55-4	Chlorobenzene-d5	868000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	447000	12.018			

Raw Data: **VX046877.D**

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

Report of Analysis

Client:	M2 Associates	Date Collected:	06/27/25
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	06/27/25
Client Sample ID:	MW3	SDG No.:	Q2455
Lab Sample ID:	Q2455-02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046877.D	500	07/03/25 11:25	VX070325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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\VX070325\
Data File : VX046877.D
Acq On : 03 Jul 2025 11:25
Operator : JC/MD
Sample : Q2455-02 500X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW3

Quant Time: Jul 04 01:29:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

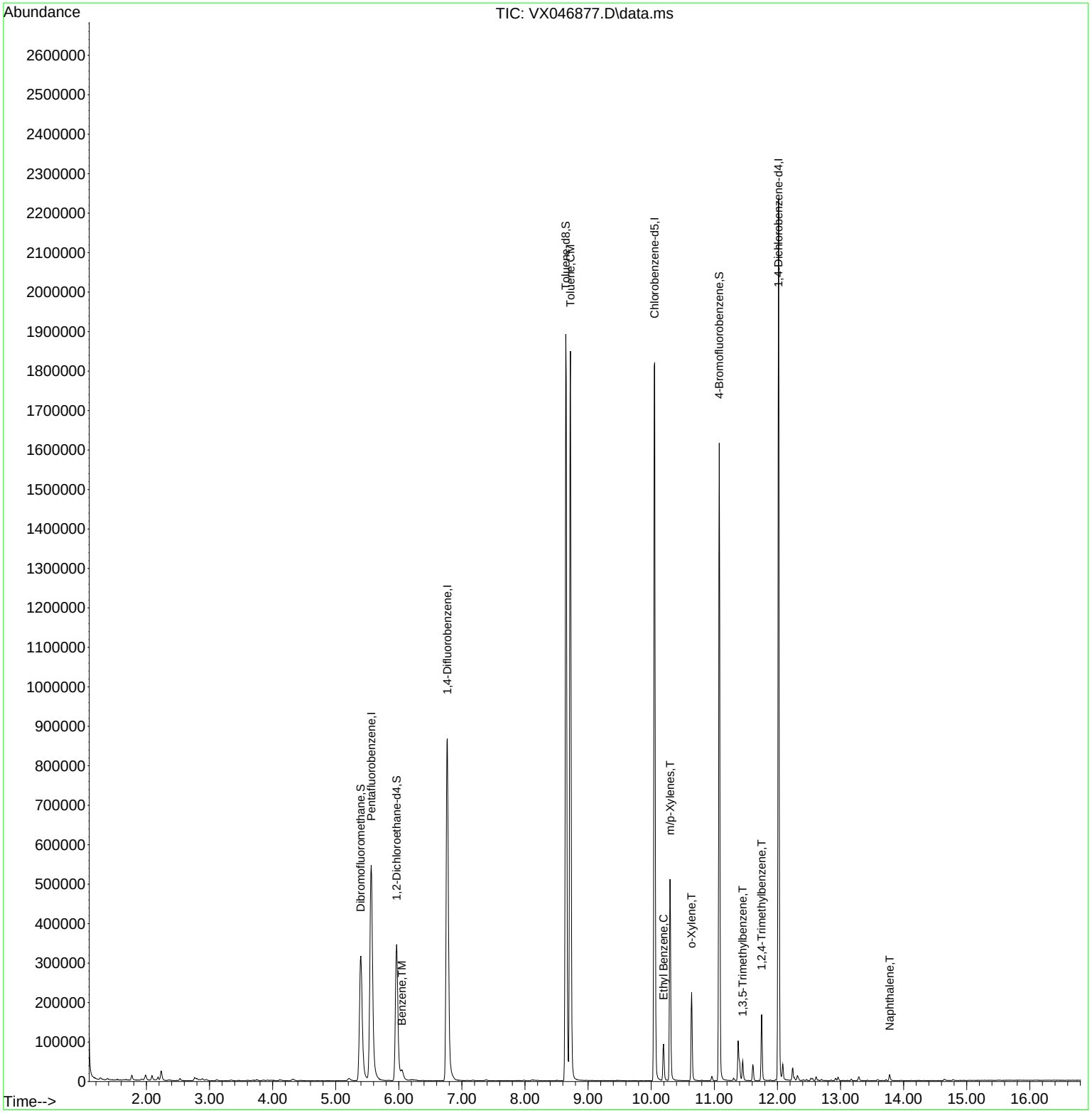
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	569856	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	963880	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	868363	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	447320	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	358094	47.566	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 95.140%			
35) Dibromofluoromethane	5.397	113	304334	46.514	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.020%			
50) Toluene-d8	8.647	98	1139829	49.376	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.760%			
62) 4-Bromofluorobenzene	11.079	95	439767	50.125	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.240%			
Target Compounds						Qvalue
40) Benzene	6.050	78	27880	1.044	ug/l	91
52) Toluene	8.720	92	725572	43.852	ug/l	98
67) Ethyl Benzene	10.195	91	57585	1.791	ug/l	97
68) m/p-Xylenes	10.299	106	120010	9.906	ug/l	99
69) o-Xylene	10.640	106	48832	4.173	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	24025	0.940	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	73871	2.860	ug/l	99
95) Naphthalene	13.780	128	12263	0.483	ug/l	98

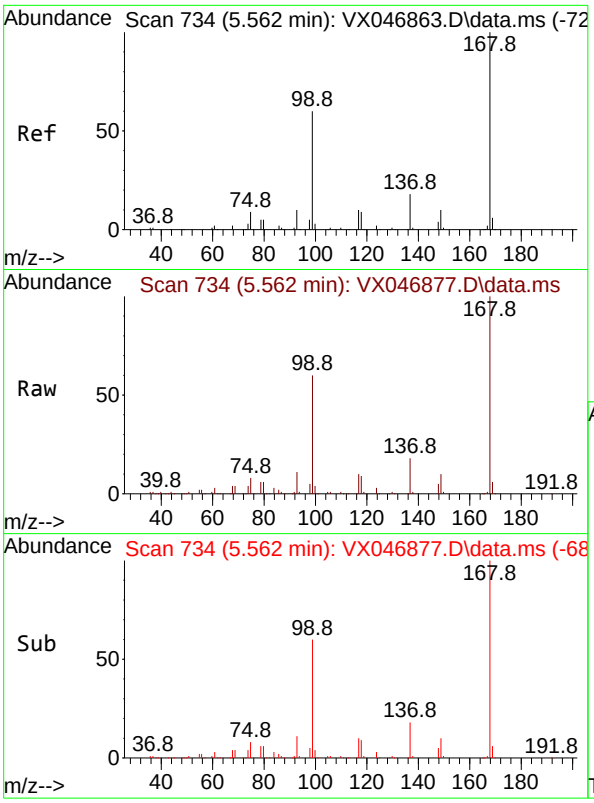
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046877.D
Acq On : 03 Jul 2025 11:25
Operator : JC/MD
Sample : Q2455-02 500X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW3

Quant Time: Jul 04 01:29:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration



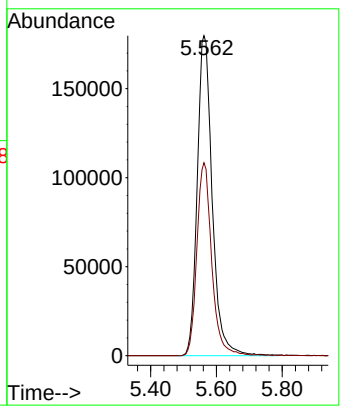


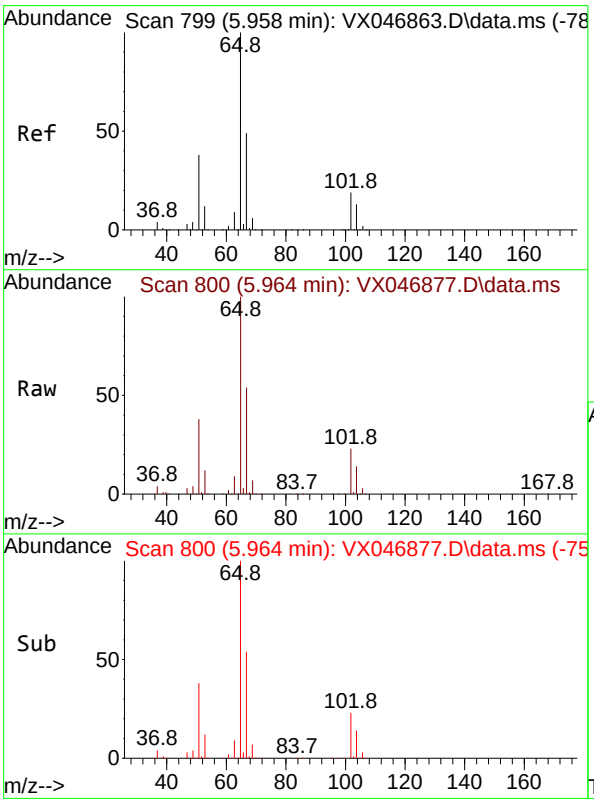
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046877.D
Acq: 03 Jul 2025 11:25

Instrument :
MSVOA_X
ClientSampleId :
MW3

Tgt Ion:168 Resp: 569856

Ion	Ratio	Lower	Upper
168	100		
99	60.3	48.8	73.2

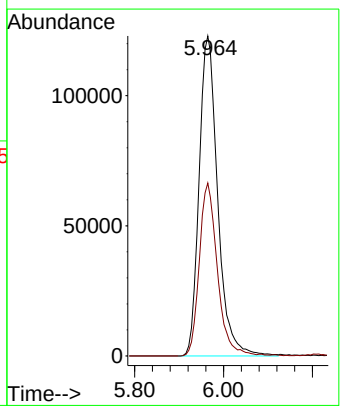


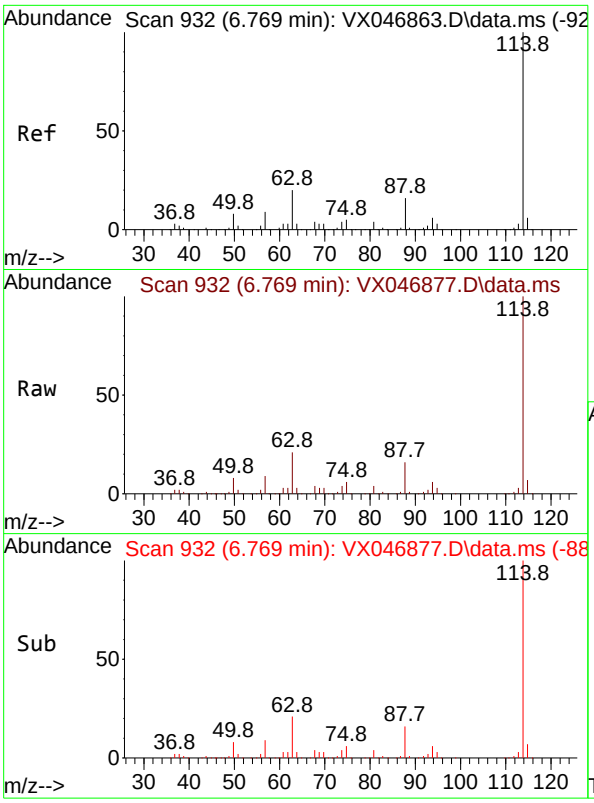


#33
1,2-Dichloroethane-d4
Concen: 47.566 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX046877.D
Acq: 03 Jul 2025 11:25

Tgt Ion: 65 Resp: 358094

Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	105.2



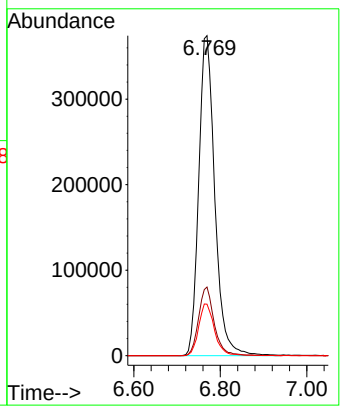


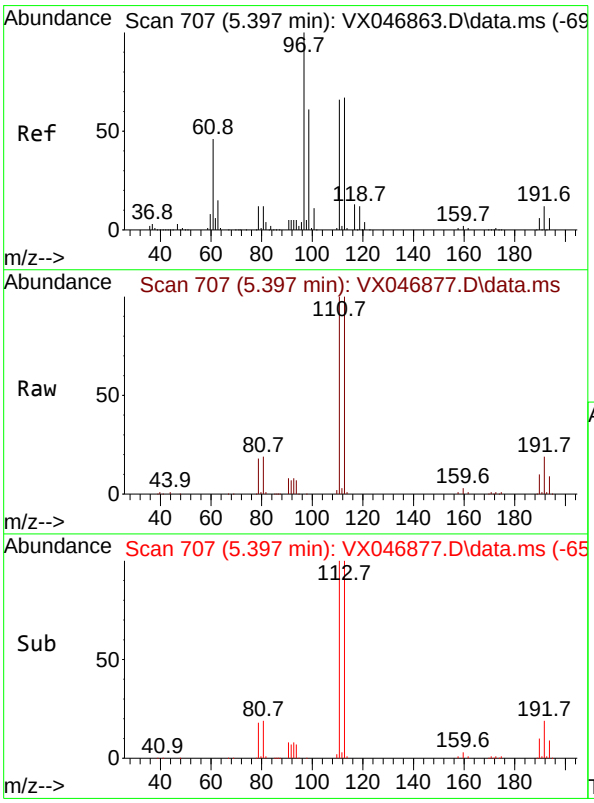
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX046877.D
Acq: 03 Jul 2025 11:25

Instrument :
MSVOA_X
ClientSampleId :
MW3

Tgt Ion:114 Resp: 963880

Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	40.4
88	16.1	0.0	31.0

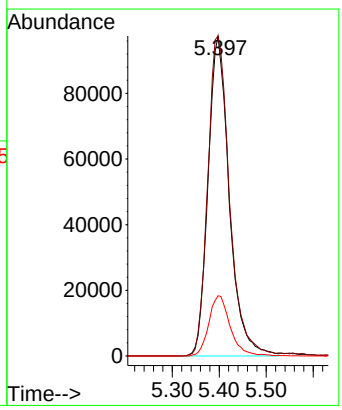


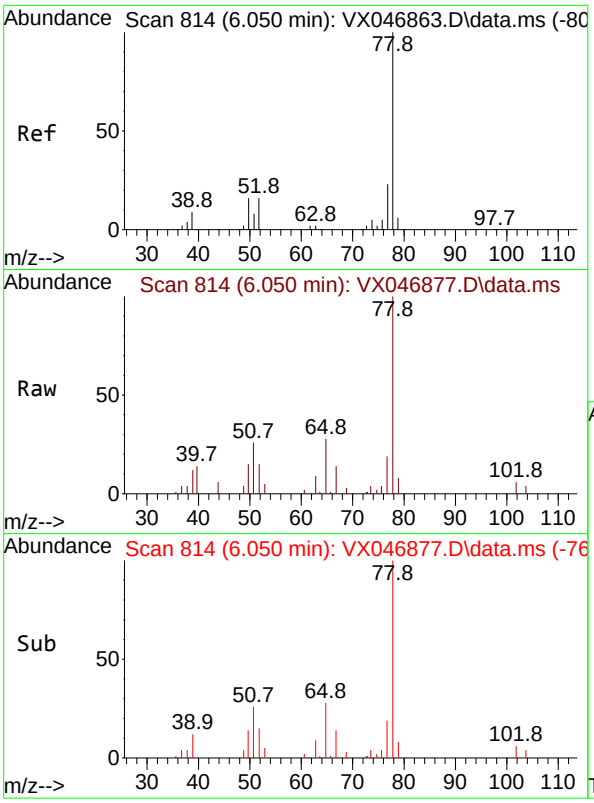


#35
Dibromofluoromethane
Concen: 46.514 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046877.D
Acq: 03 Jul 2025 11:25

Tgt Ion:113 Resp: 304334

Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.2	121.8
192	19.0	15.3	22.9



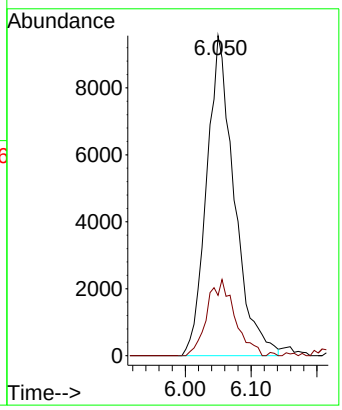


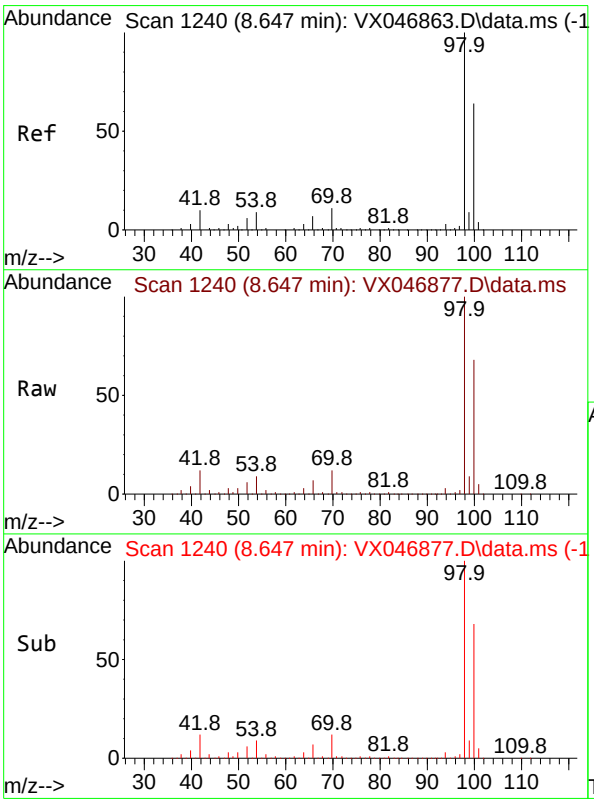
#40
Benzene
Concen: 1.044 ug/l
RT: 6.050 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX046877.D
Acq: 03 Jul 2025 11:25

Instrument :
MSVOA_X
ClientSampleId :
MW3

Tgt Ion: 78 Resp: 27880

Ion	Ratio	Lower	Upper
78	100		
77	18.8	18.7	28.1

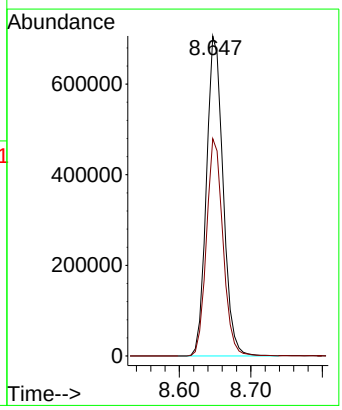


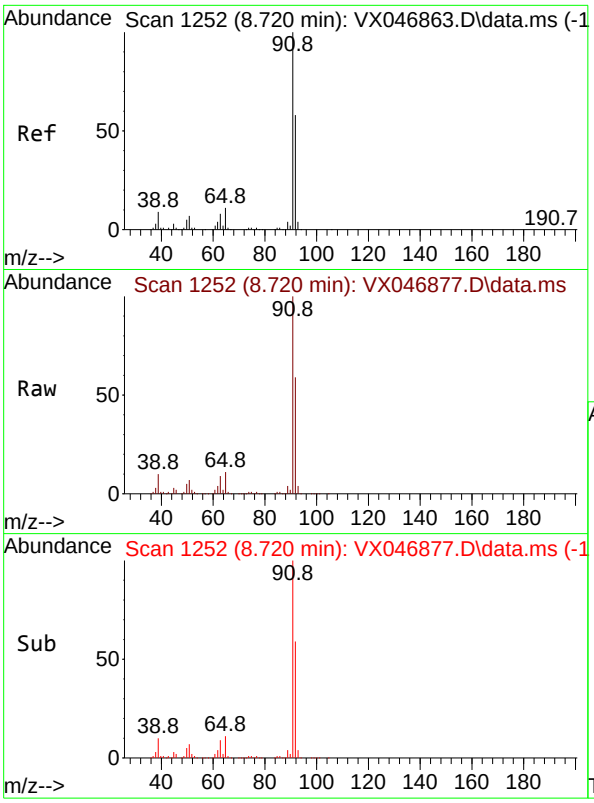


#50
Toluene-d8
Concen: 49.376 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046877.D
Acq: 03 Jul 2025 11:25

Tgt Ion: 98 Resp: 1139829

Ion	Ratio	Lower	Upper
98	100		
100	67.4	53.0	79.6



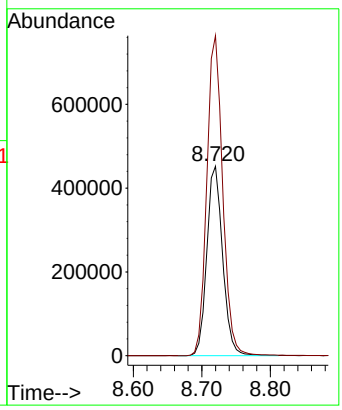


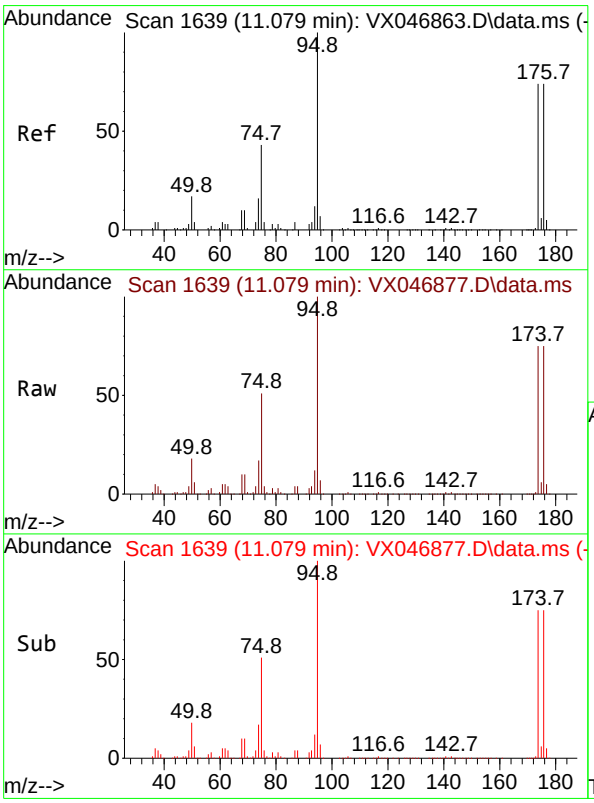
#52
Toluene
Concen: 43.852 ug/l
RT: 8.720 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046877.D
Acq: 03 Jul 2025 11:25

Instrument :
MSVOA_X
ClientSampleId :
MW3

Tgt Ion: 92 Resp: 725572

Ion	Ratio	Lower	Upper
92	100		
91	169.6	137.9	206.9

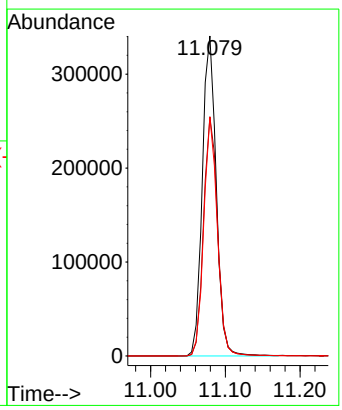


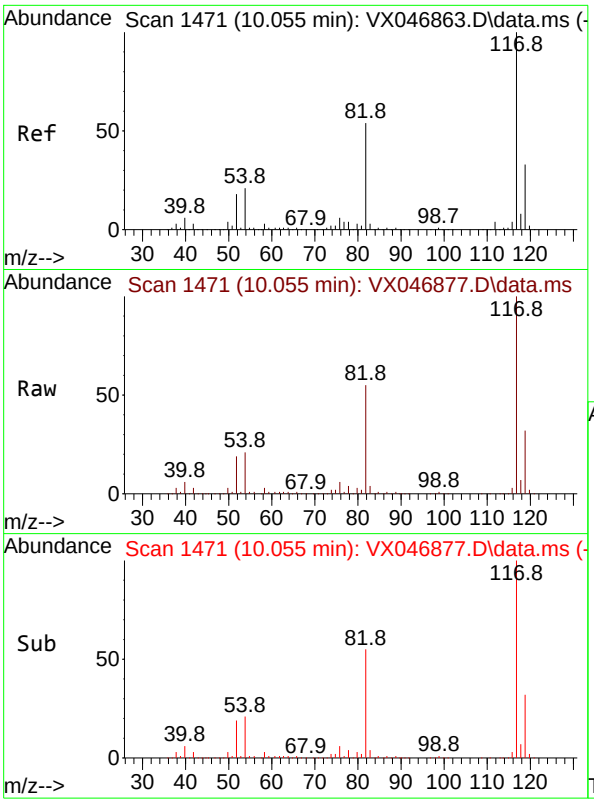


#62
4-Bromofluorobenzene
Concen: 50.125 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046877.D
Acq: 03 Jul 2025 11:25

Tgt Ion: 95 Resp: 439767

Ion	Ratio	Lower	Upper
95	100		
174	75.6	0.0	152.0
176	72.9	0.0	145.2



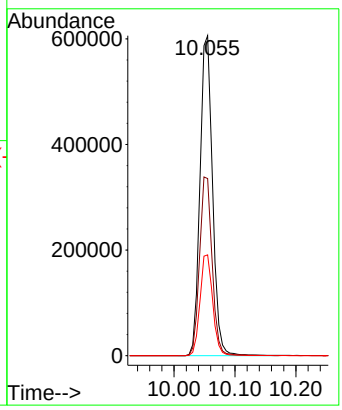


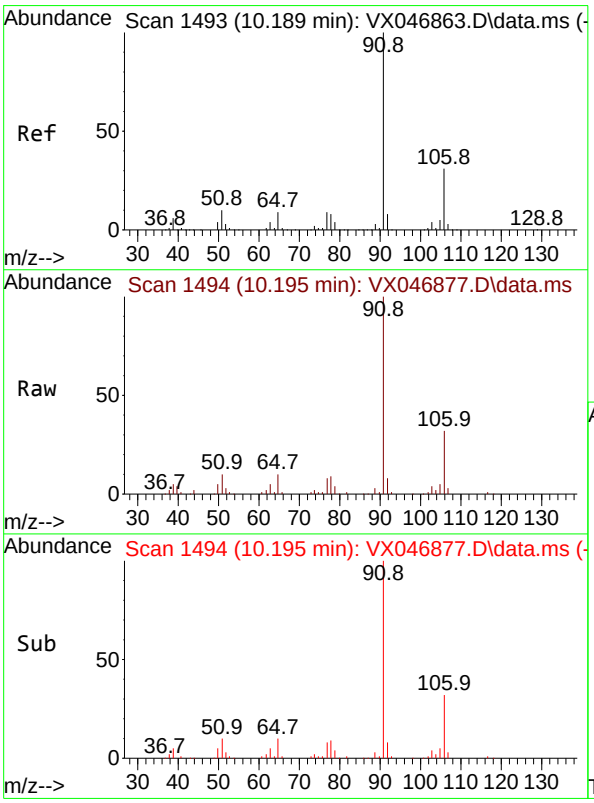
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046877.D
Acq: 03 Jul 2025 11:25

Instrument :
MSVOA_X
ClientSampleId :
MW3

Tgt Ion:117 Resp: 868363

Ion	Ratio	Lower	Upper
117	100		
82	55.3	43.3	64.9
119	31.5	26.4	39.6

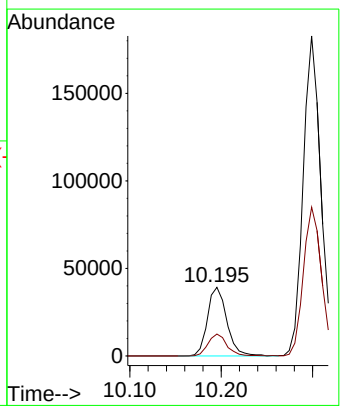


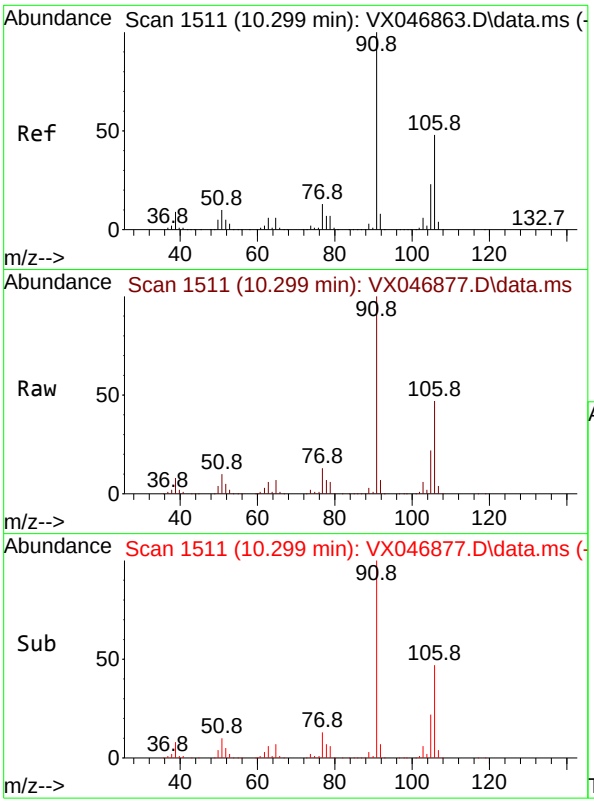


#67
Ethyl Benzene
Concen: 1.791 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX046877.D
Acq: 03 Jul 2025 11:25

Tgt Ion: 91 Resp: 57585

Ion	Ratio	Lower	Upper
91	100		
106	32.0	24.4	36.6



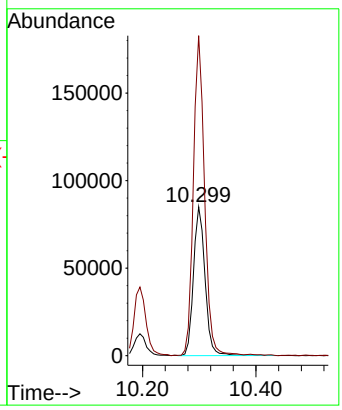


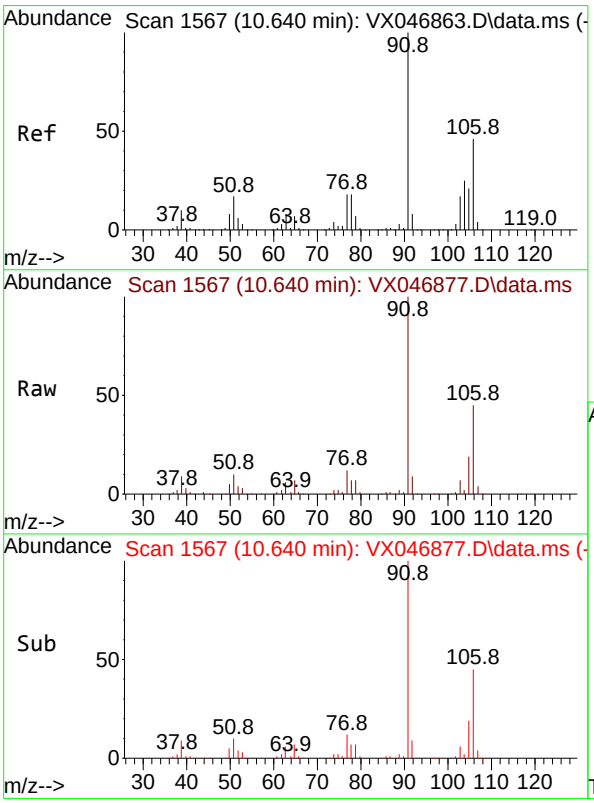
#68
m/p-Xylenes
Concen: 9.906 ug/l
RT: 10.299 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046877.D
Acq: 03 Jul 2025 11:25

Instrument :
MSVOA_X
ClientSampleId :
MW3

Tgt Ion:106 Resp: 120010

Ion	Ratio	Lower	Upper
106	100		
91	207.5	164.6	246.8

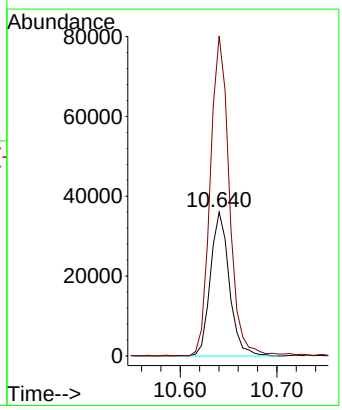


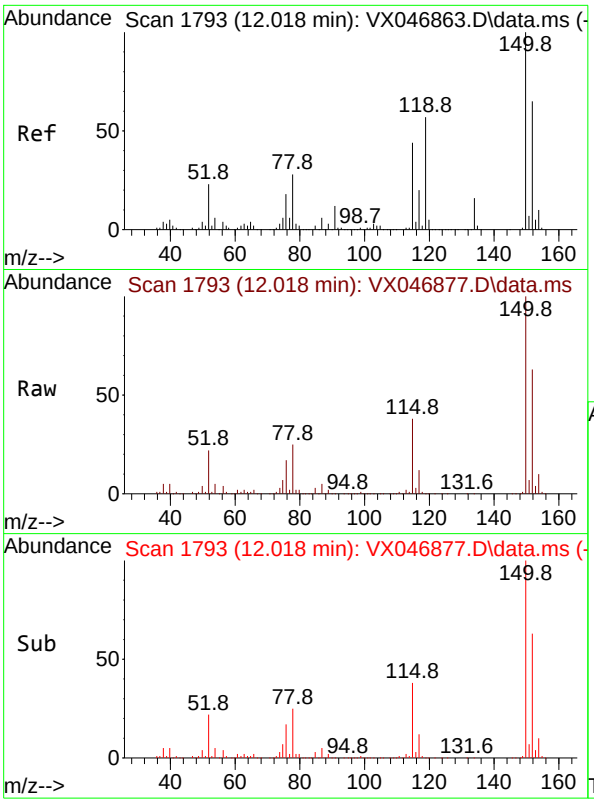


#69
o-Xylene
Concen: 4.173 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX046877.D
Acq: 03 Jul 2025 11:25

Tgt Ion:106 Resp: 48832

Ion	Ratio	Lower	Upper
106	100		
91	224.1	109.5	328.5



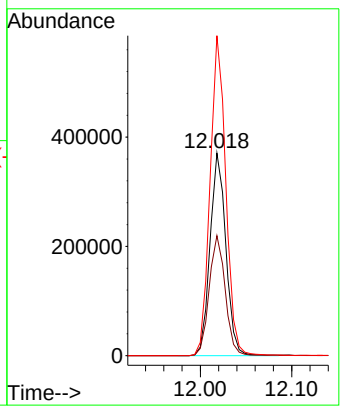


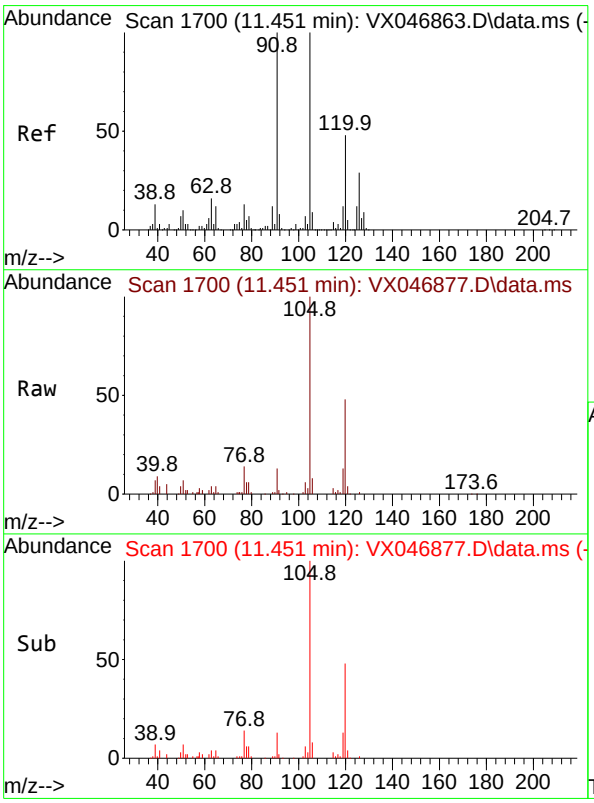
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046877.D
Acq: 03 Jul 2025 11:25

Instrument :
MSVOA_X
ClientSampleId :
MW3

Tgt Ion:152 Resp: 447320

Ion	Ratio	Lower	Upper
152	100		
115	60.0	42.4	127.1
150	156.8	0.0	349.2

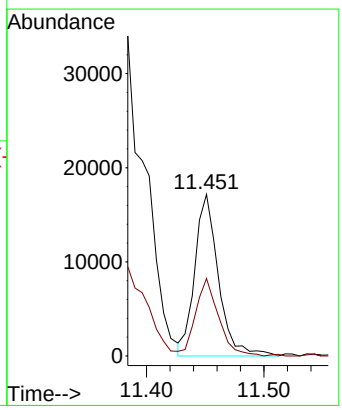


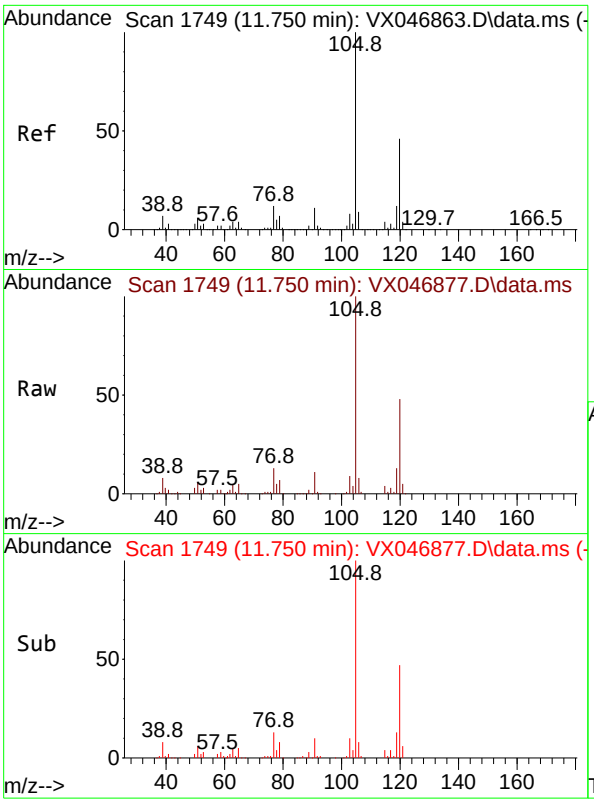


#80
1,3,5-Trimethylbenzene
Concen: 0.940 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046877.D
Acq: 03 Jul 2025 11:25

Tgt Ion:105 Resp: 24025

Ion	Ratio	Lower	Upper
105	100		
120	46.4	24.1	72.4



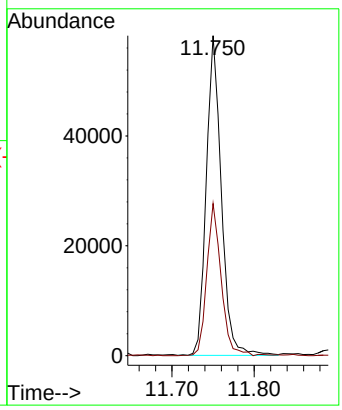


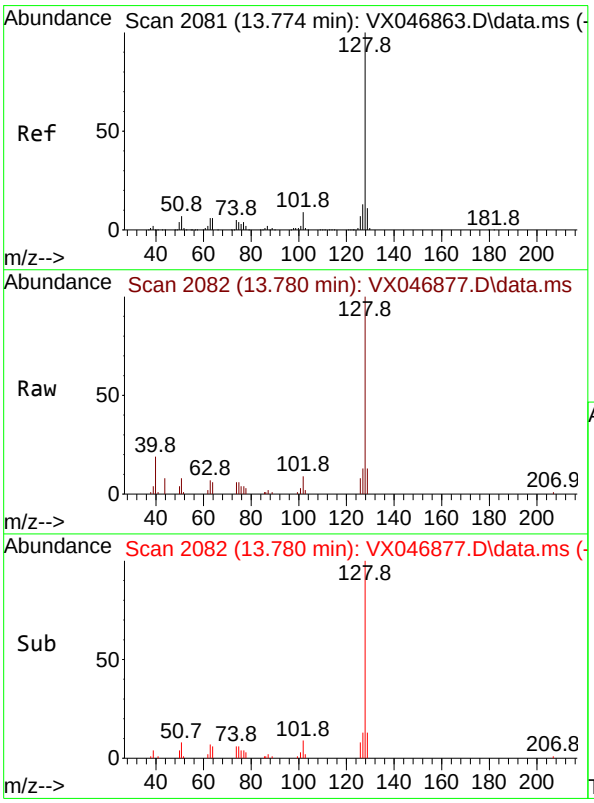
#84
1,2,4-Trimethylbenzene
Concen: 2.860 ug/l
RT: 11.750 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046877.D
Acq: 03 Jul 2025 11:25

Instrument :
MSVOA_X
ClientSampleId :
MW3

Tgt Ion:105 Resp: 73871

Ion	Ratio	Lower	Upper
105	100		
120	45.6	23.3	69.8

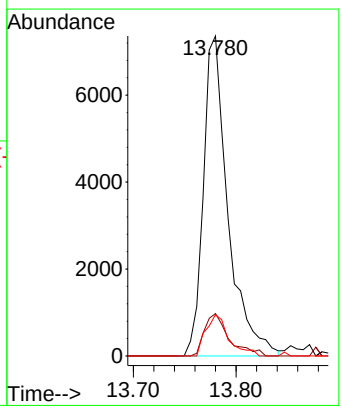




#95
Naphthalene
Concen: 0.483 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX046877.D
Acq: 03 Jul 2025 11:25

Tgt Ion:128 Resp: 12263

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.2	15.4
129	12.0	8.6	13.0



Raw Data: **VX046876.D**

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

Report of Analysis

Client:	M2 Associates	Date Collected:	06/27/25
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	06/27/25
Client Sample ID:	MW10	SDG No.:	Q2455
Lab Sample ID:	Q2455-03	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046876.D	10	07/03/25 11:04	VX070325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	2.20	U	2.20	10.0	ug/L
74-87-3	Chloromethane	3.20	U	3.20	10.0	ug/L
75-01-4	Vinyl Chloride	2.60	U	2.60	10.0	ug/L
74-83-9	Bromomethane	14.4	U	14.4	50.0	ug/L
75-00-3	Chloroethane	4.70	U	4.70	10.0	ug/L
75-69-4	Trichlorofluoromethane	3.30	U	3.30	10.0	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	2.50	U	2.50	10.0	ug/L
75-65-0	Tert butyl alcohol	55.1	U	55.1	250	ug/L
75-35-4	1,1-Dichloroethene	2.30	U	2.30	10.0	ug/L
67-64-1	Acetone	52.2		15.1	50.0	ug/L
75-15-0	Carbon Disulfide	2.10	U	2.10	10.0	ug/L
1634-04-4	Methyl tert-butyl Ether	1.60	U	1.60	10.0	ug/L
79-20-9	Methyl Acetate	2.70	U	2.70	10.0	ug/L
75-09-2	Methylene Chloride	2.80	U	2.80	10.0	ug/L
156-60-5	trans-1,2-Dichloroethene	2.30	U	2.30	10.0	ug/L
75-34-3	1,1-Dichloroethane	2.30	U	2.30	10.0	ug/L
110-82-7	Cyclohexane	14.5	U	14.5	50.0	ug/L
78-93-3	2-Butanone	9.80	U	9.80	50.0	ug/L
56-23-5	Carbon Tetrachloride	2.50	U	2.50	10.0	ug/L
156-59-2	cis-1,2-Dichloroethene	1.90	U	1.90	10.0	ug/L
74-97-5	Bromochloromethane	2.20	U	2.20	10.0	ug/L
67-66-3	Chloroform	2.50	U	2.50	10.0	ug/L
71-55-6	1,1,1-Trichloroethane	2.00	U	2.00	10.0	ug/L
108-87-2	Methylcyclohexane	4.80	J	1.60	10.0	ug/L
71-43-2	Benzene	1.50	U	1.50	10.0	ug/L
107-06-2	1,2-Dichloroethane	2.20	U	2.20	10.0	ug/L
79-01-6	Trichloroethene	0.93	U	0.93	10.0	ug/L
78-87-5	1,2-Dichloropropane	2.00	U	2.00	10.0	ug/L
75-27-4	Bromodichloromethane	2.20	U	2.20	10.0	ug/L
108-10-1	4-Methyl-2-Pentanone	6.80	U	6.80	50.0	ug/L

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	M2 Associates	Date Collected:	06/27/25
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	06/27/25
Client Sample ID:	MW10	SDG No.:	Q2455
Lab Sample ID:	Q2455-03	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046876.D	10	07/03/25 11:04	VX070325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-88-3	Toluene	1.40	U	1.40	10.0	ug/L
10061-02-6	t-1,3-Dichloropropene	1.70	U	1.70	10.0	ug/L
10061-01-5	cis-1,3-Dichloropropene	1.60	U	1.60	10.0	ug/L
79-00-5	1,1,2-Trichloroethane	2.10	U	2.10	10.0	ug/L
591-78-6	2-Hexanone	8.90	U	8.90	50.0	ug/L
124-48-1	Dibromochloromethane	1.80	U	1.80	10.0	ug/L
106-93-4	1,2-Dibromoethane	1.50	U	1.50	10.0	ug/L
127-18-4	Tetrachloroethene	2.30	U	2.30	10.0	ug/L
108-90-7	Chlorobenzene	1.20	U	1.20	10.0	ug/L
100-41-4	Ethyl Benzene	16.1		1.30	10.0	ug/L
179601-23-1	m/p-Xylenes	37.8		2.40	20.0	ug/L
95-47-6	o-Xylene	1.20	U	1.20	10.0	ug/L
100-42-5	Styrene	1.50	U	1.50	10.0	ug/L
75-25-2	Bromoform	1.90	U	1.90	10.0	ug/L
98-82-8	Isopropylbenzene	99.1		1.20	10.0	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	2.60	U	2.60	10.0	ug/L
541-73-1	1,3-Dichlorobenzene	1.60	U	1.60	10.0	ug/L
106-46-7	1,4-Dichlorobenzene	1.90	U	1.90	10.0	ug/L
95-50-1	1,2-Dichlorobenzene	1.60	U	1.60	10.0	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	5.30	U	5.30	10.0	ug/L
120-82-1	1,2,4-Trichlorobenzene	2.00	U	2.00	10.0	ug/L
87-61-6	1,2,3-Trichlorobenzene	2.00	U	2.00	10.0	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	47.5		70 (74) - 130 (125)	95%	SPK: 50
1868-53-7	Dibromofluoromethane	46.2		70 (75) - 130 (124)	92%	SPK: 50
2037-26-5	Toluene-d8	49.5		70 (86) - 130 (113)	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.4		70 (77) - 130 (121)	101%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	527000	5.562			
540-36-3	1,4-Difluorobenzene	896000	6.769			
3114-55-4	Chlorobenzene-d5	819000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	402000	12.018			

Raw Data: **VX046876.D**

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

Report of Analysis

Client:	M2 Associates	Date Collected:	06/27/25
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	06/27/25
Client Sample ID:	MW10	SDG No.:	Q2455
Lab Sample ID:	Q2455-03	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046876.D	10	07/03/25 11:04	VX070325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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: **VX046876.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046876.D
Acq On : 03 Jul 2025 11:04
Operator : JC/MD
Sample : Q2455-03 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW10

Manual Integrations APPROVED

Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025

Quant Time: Jul 04 01:28:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	526667	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	896282	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	818636	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	401752	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	330340	47.478	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 94.960%			
35) Dibromofluoromethane	5.397	113	280803	46.154	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 92.300%			
50) Toluene-d8	8.647	98	1062167	49.482	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.960%			
62) 4-Bromofluorobenzene	11.079	95	411240	50.408	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.820%			
Target Compounds						Qvalue
16) Acetone	2.392	43	11282	5.220	ug/l	91
39) Methylcyclohexane	7.379	83	4967	0.484	ug/l #	81
67) Ethyl Benzene	10.195	91	48824	1.611	ug/l	97
68) m/p-Xylenes	10.305	106	43189	3.781	ug/l	99
73) Isopropylbenzene	10.963	105	279850	9.909	ug/l	99
78) n-propylbenzene	11.305	91	369097	10.839	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	843568	36.760	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	2082448	89.780	ug/l	98
85) sec-Butylbenzene	11.890	105	20976m	0.702	ug/l	
95) Naphthalene	13.774	128	91479	4.008	ug/l	100

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

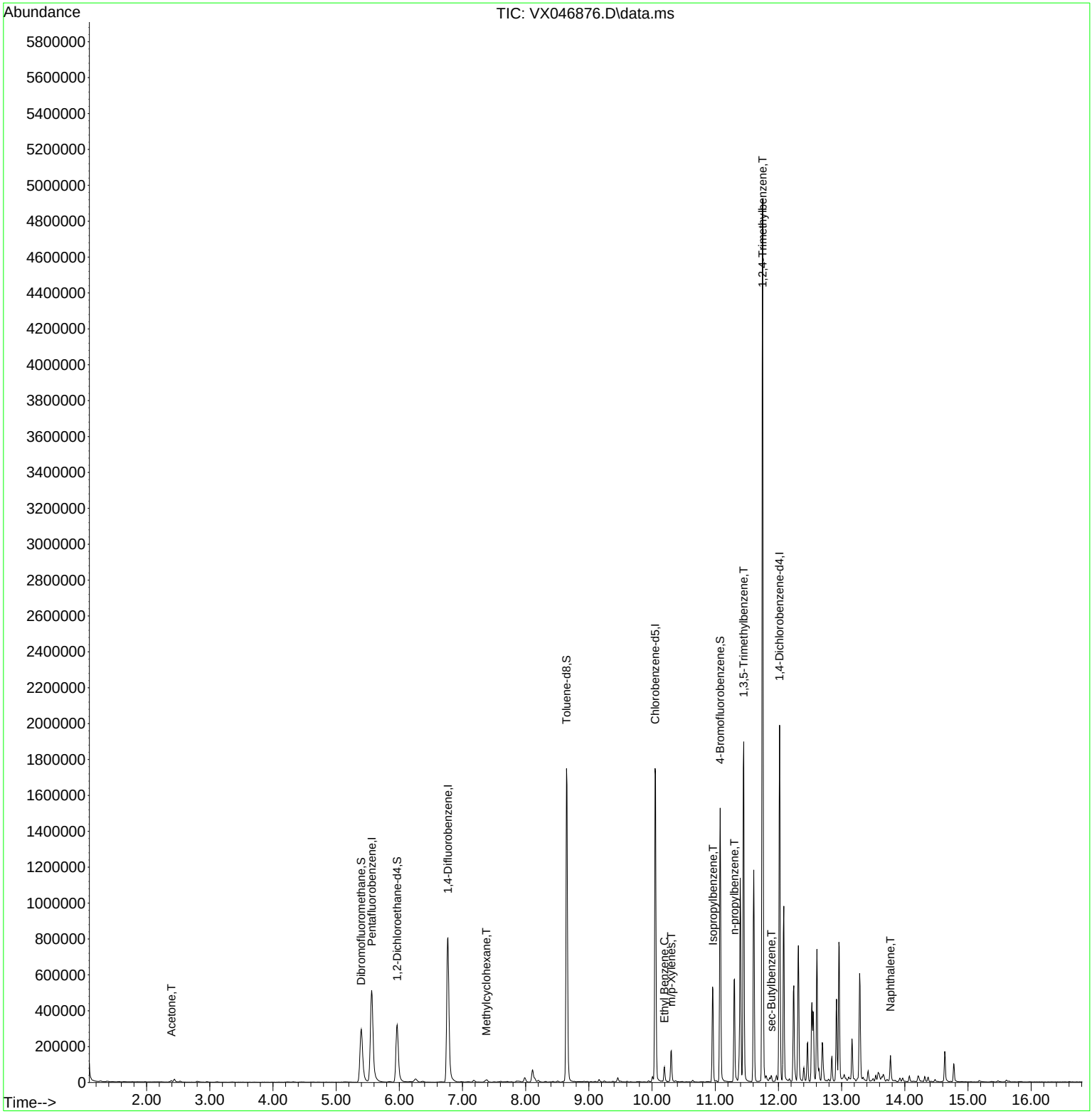
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046876.D
Acq On : 03 Jul 2025 11:04
Operator : JC/MD
Sample : Q2455-03 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

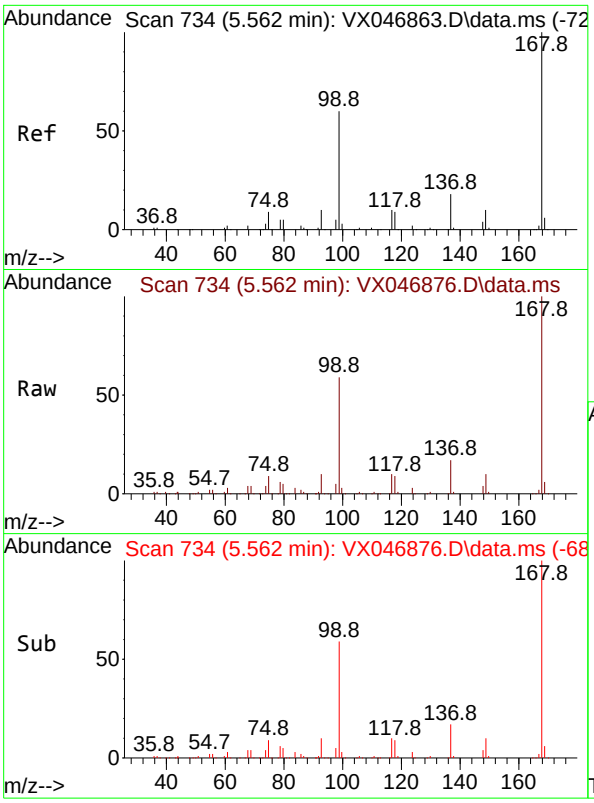
Quant Time: Jul 04 01:28:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
MW10

Manual Integrations APPROVED

Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025

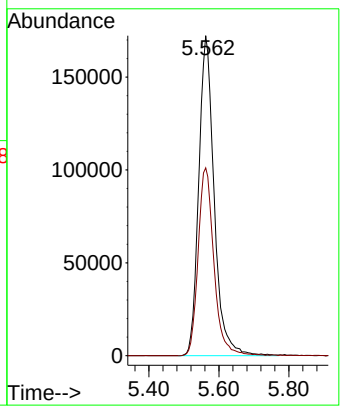




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX046876.D
Acq: 03 Jul 2025 11:04

Tgt Ion:168 Resp: 52666

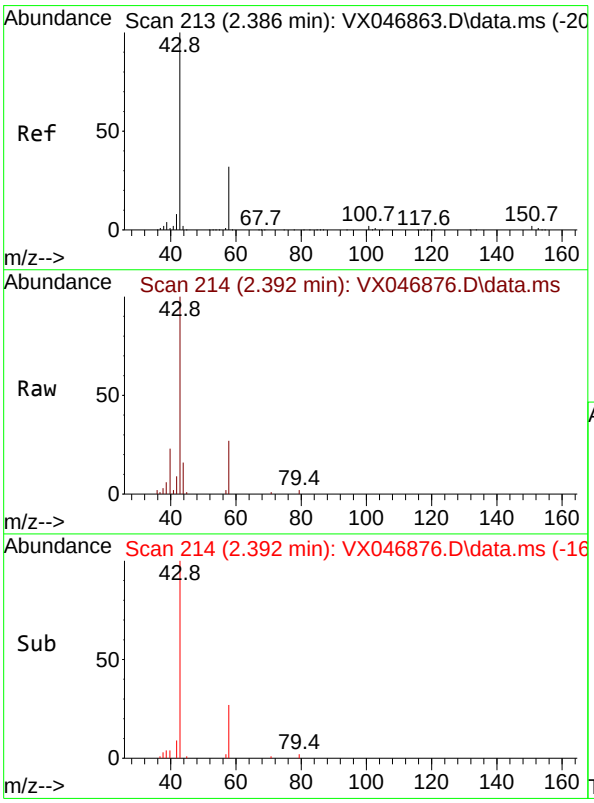
Ion	Ratio	Lower	Upper
168	100		
99	58.7	48.8	73.2



Instrument :
MSVOA_X
ClientSampleId :
MW10

Manual Integrations
APPROVED

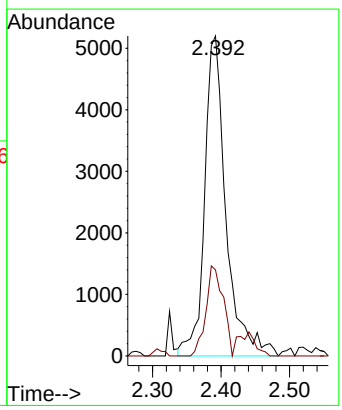
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025

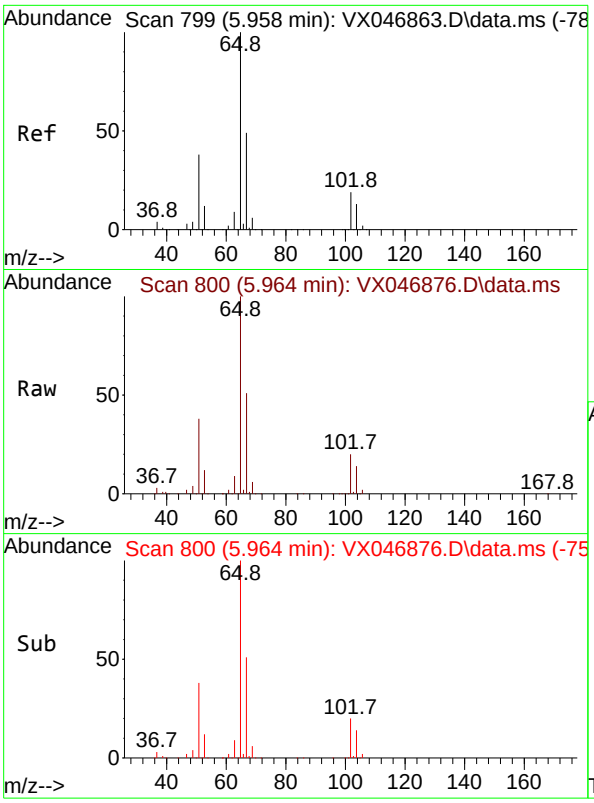


#16
Acetone
Concen: 5.220 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX046876.D
Acq: 03 Jul 2025 11:04

Tgt Ion: 43 Resp: 11282

Ion	Ratio	Lower	Upper
43	100		
58	26.9	25.8	38.6





#33
1,2-Dichloroethane-d4
Concen: 47.478 ug/l
RT: 5.964 min Scan# 8
Delta R.T. 0.006 min
Lab File: VX046876.D
Acq: 03 Jul 2025 11:04

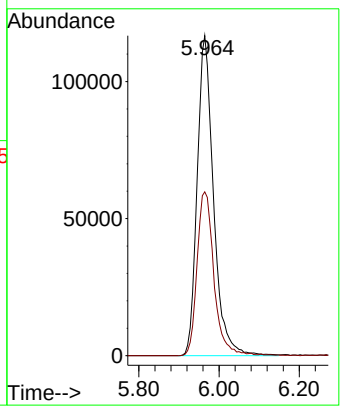
Tgt Ion: 65 Resp: 33034

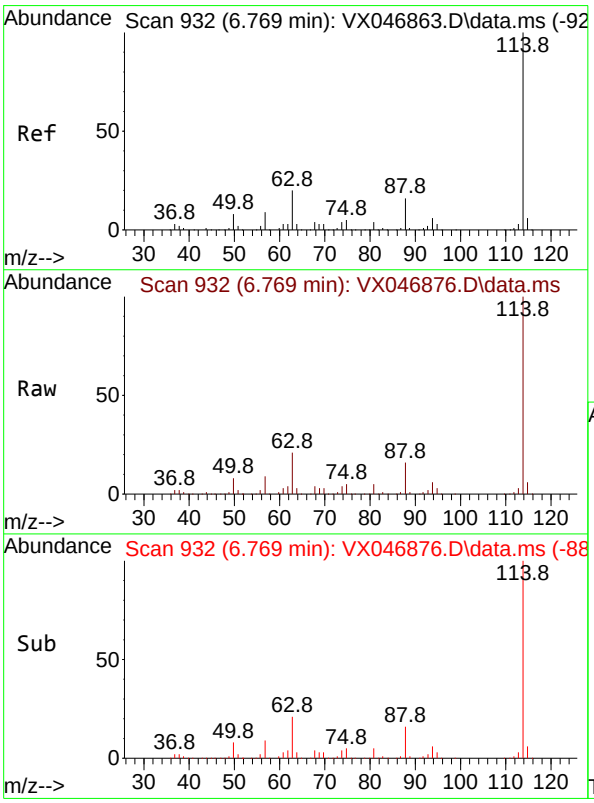
Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	105.2

Instrument :
MSVOA_X
ClientSampleId :
MW10

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025

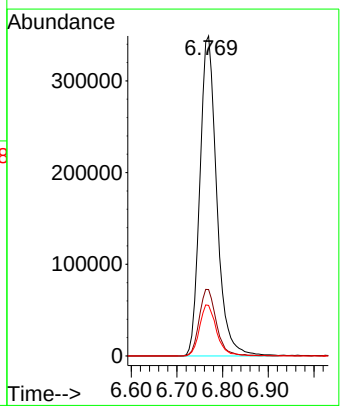


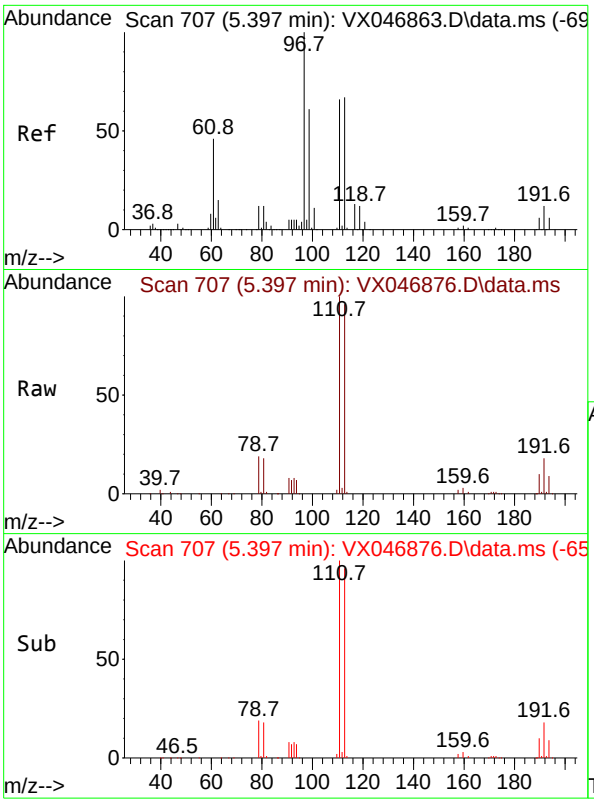


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX046876.D
Acq: 03 Jul 2025 11:04

Tgt Ion:114 Resp: 896282

Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	40.4
88	15.8	0.0	31.0

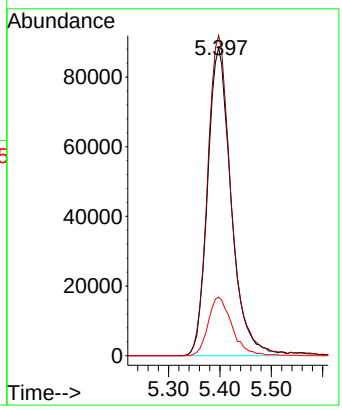




#35
Dibromofluoromethane
Concen: 46.154 ug/l
RT: 5.397 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046876.D
Acq: 03 Jul 2025 11:04

Tgt Ion:113 Resp: 28080

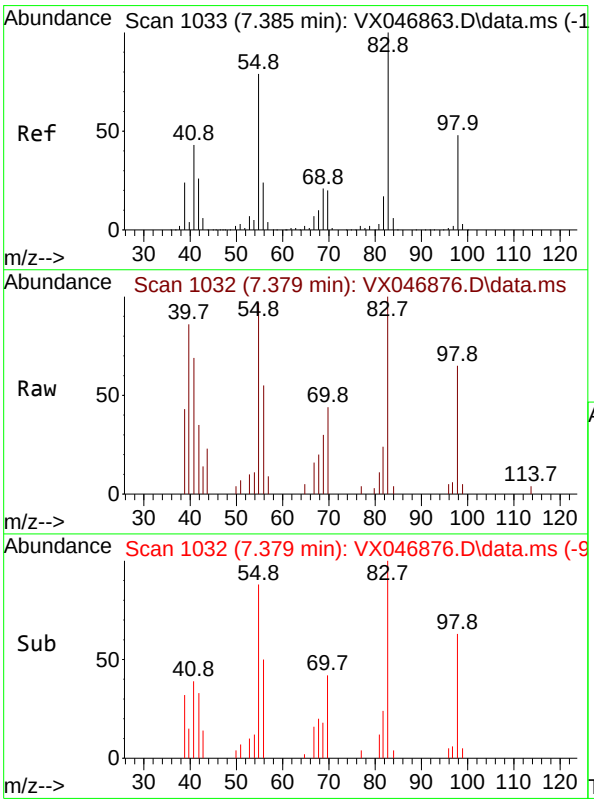
Ion	Ratio	Lower	Upper
113	100		
111	104.2	81.2	121.8
192	19.3	15.3	22.9



Instrument :
MSVOA_X
ClientSampleId :
MW10

Manual Integrations
APPROVED

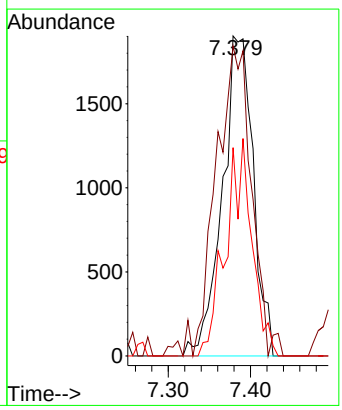
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025

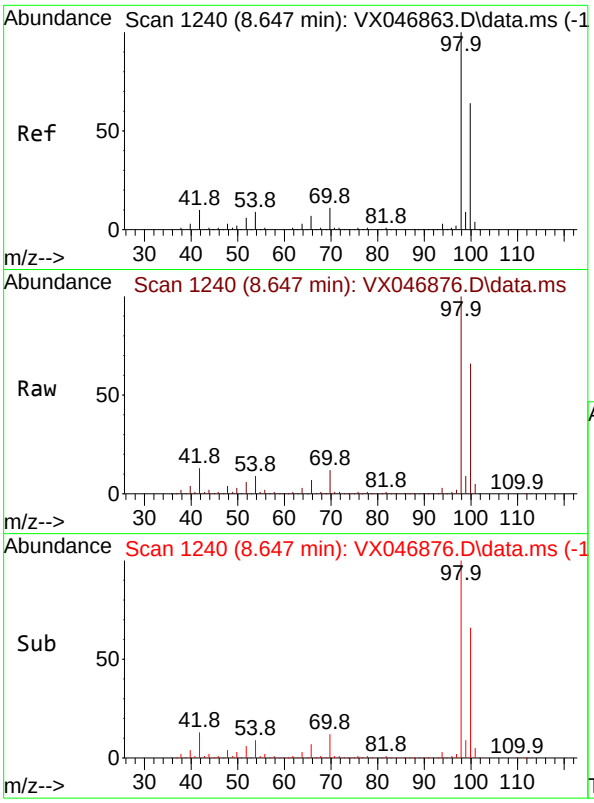


#39
Methylcyclohexane
Concen: 0.484 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX046876.D
Acq: 03 Jul 2025 11:04

Tgt Ion: 83 Resp: 4967

Ion	Ratio	Lower	Upper
83	100		
55	92.1	63.0	94.4
98	65.1	38.5	57.7#





#50
Toluene-d8
Concen: 49.482 ug/l
RT: 8.647 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046876.D
Acq: 03 Jul 2025 11:04

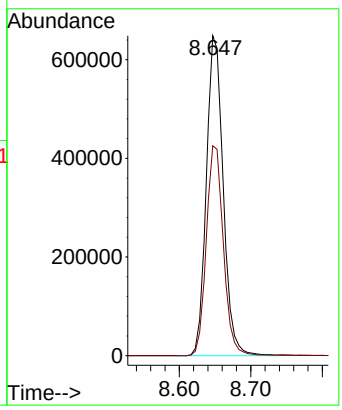
Tgt Ion: 98 Resp: 106216

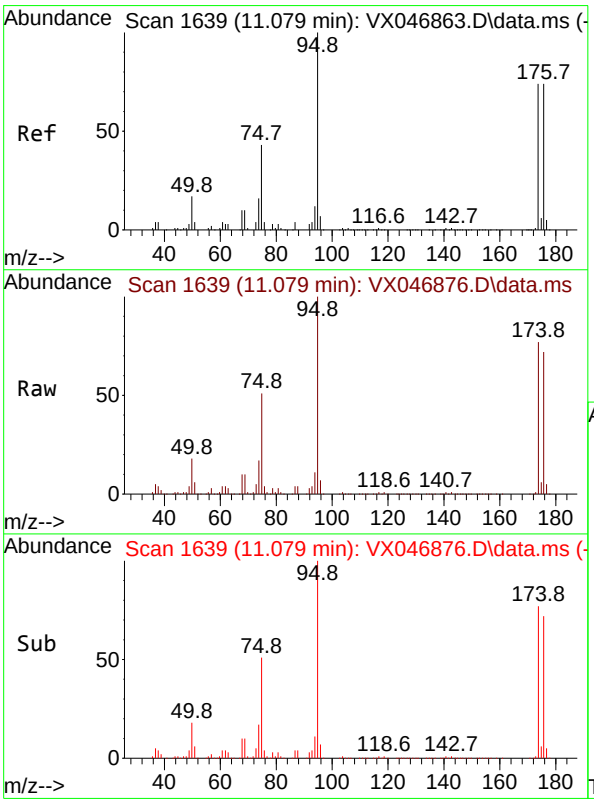
Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.0	79.6

Instrument :
MSVOA_X
ClientSampleId :
MW10

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025

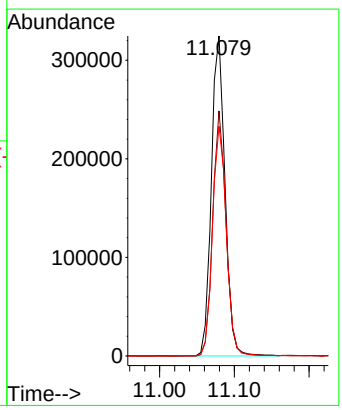


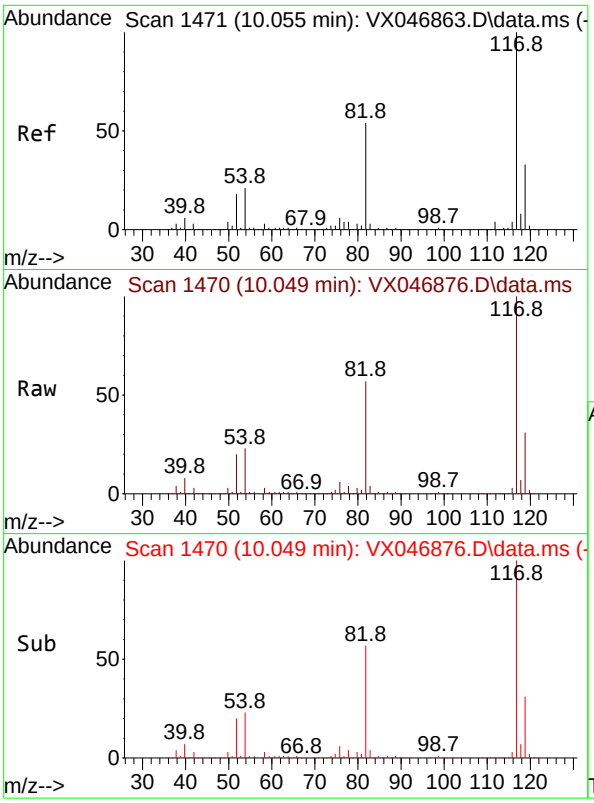


#62
4-Bromofluorobenzene
Concen: 50.408 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046876.D
Acq: 03 Jul 2025 11:04

Tgt Ion: 95 Resp: 411240

Ion	Ratio	Lower	Upper
95	100		
174	75.0	0.0	152.0
176	72.8	0.0	145.2

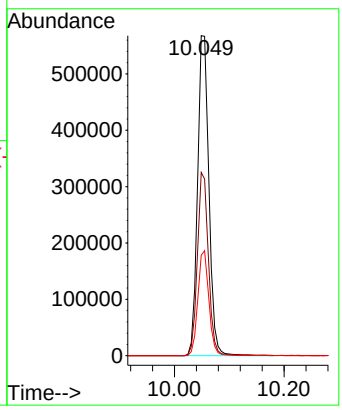




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. -0.006 min
Lab File: VX046876.D
Acq: 03 Jul 2025 11:04

Tgt Ion:117 Resp: 81863

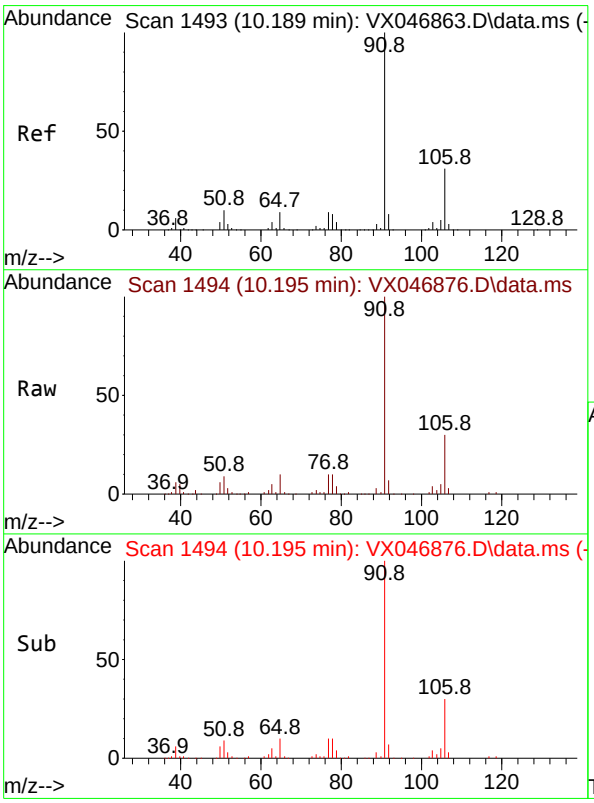
Ion	Ratio	Lower	Upper
117	100		
82	57.3	43.3	64.9
119	31.4	26.4	39.6



Instrument :
MSVOA_X
ClientSampleId :
MW10

Manual Integrations
APPROVED

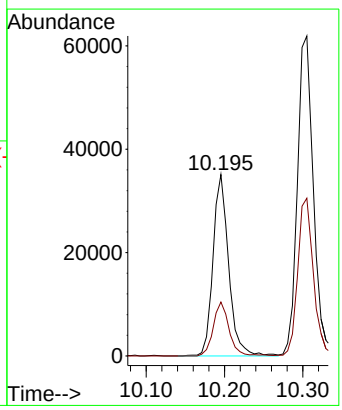
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025

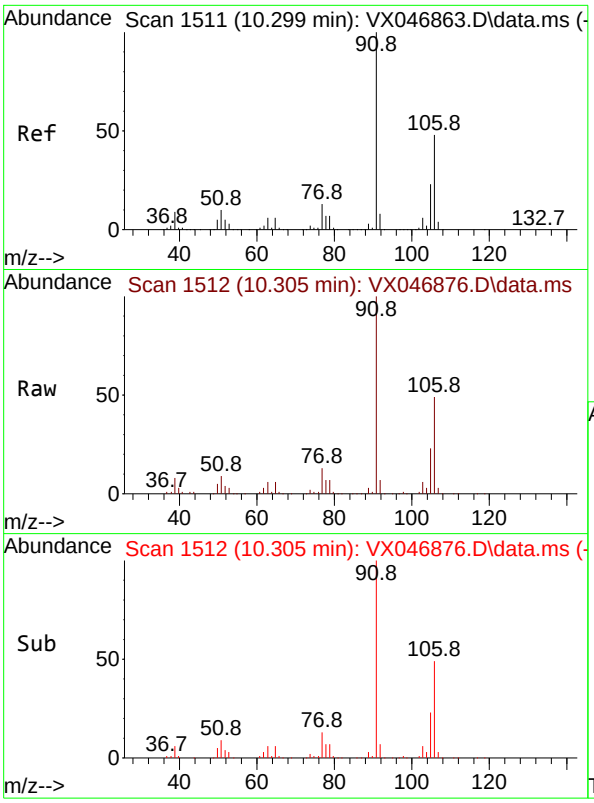


#67
Ethyl Benzene
Concen: 1.611 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX046876.D
Acq: 03 Jul 2025 11:04

Tgt Ion: 91 Resp: 48824

Ion	Ratio	Lower	Upper
91	100		
106	32.3	24.4	36.6





#68
m/p-Xylenes
Concen: 3.781 ug/l
RT: 10.305 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046876.D
Acq: 03 Jul 2025 11:04

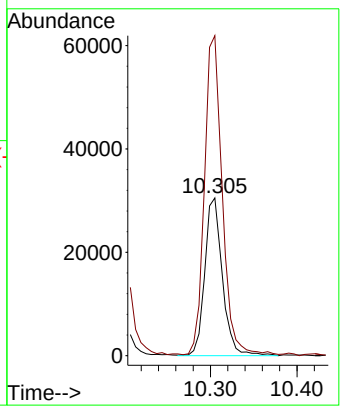
Tgt Ion:106 Resp: 4318

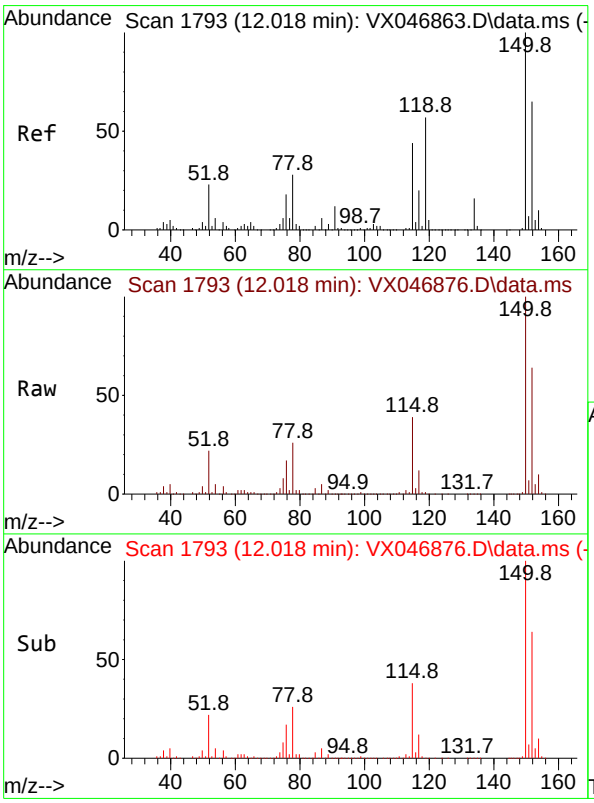
Ion	Ratio	Lower	Upper
106	100		
91	203.7	164.6	246.8

Instrument :
MSVOA_X
ClientSampleId :
MW10

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025

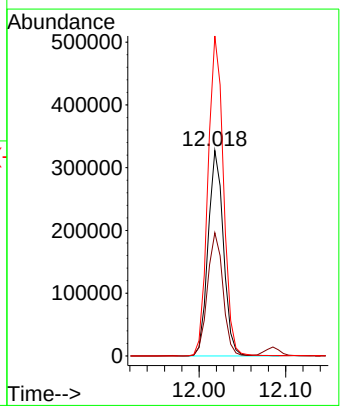


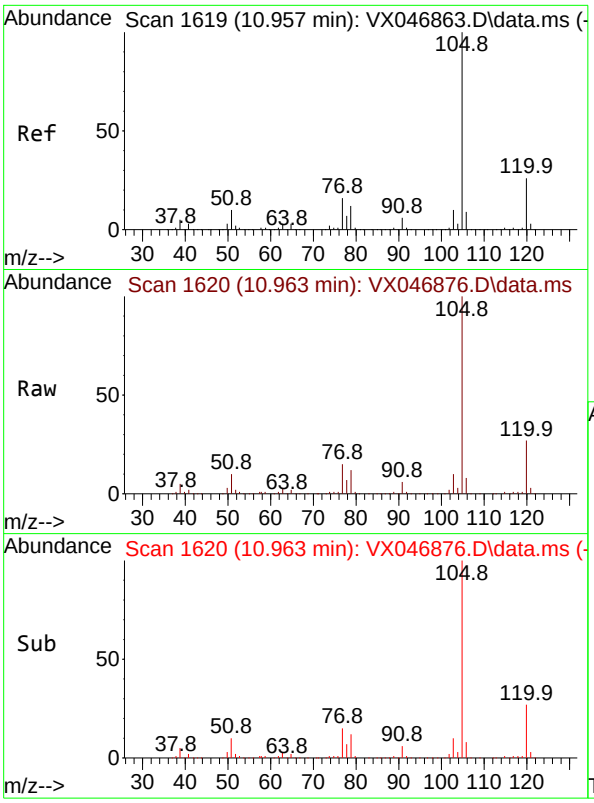


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046876.D
Acq: 03 Jul 2025 11:04

Tgt Ion:152 Resp: 401752

Ion	Ratio	Lower	Upper
152	100		
115	60.6	42.4	127.1
150	157.8	0.0	349.2

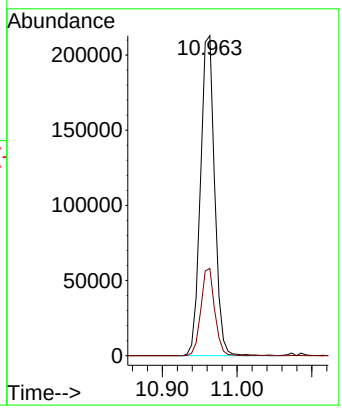




#73
Isopropylbenzene
Concen: 9.909 ug/l
RT: 10.963 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046876.D
Acq: 03 Jul 2025 11:04

Tgt Ion:105 Resp: 27985

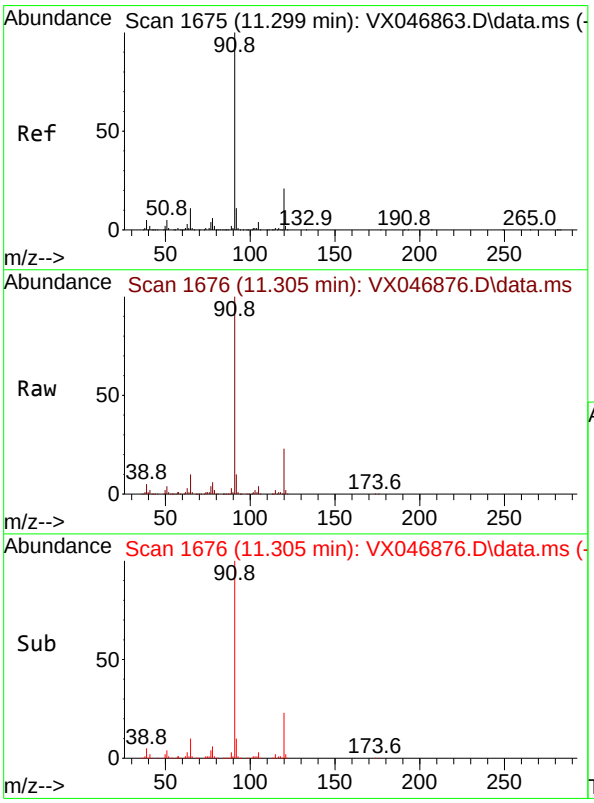
Ion	Ratio	Lower	Upper
105	100		
120	26.6	13.2	39.5



Instrument :
MSVOA_X
ClientSampleId :
MW10

Manual Integrations
APPROVED

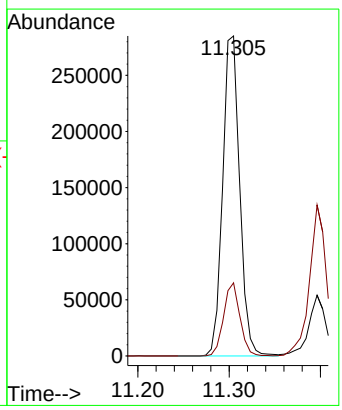
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025

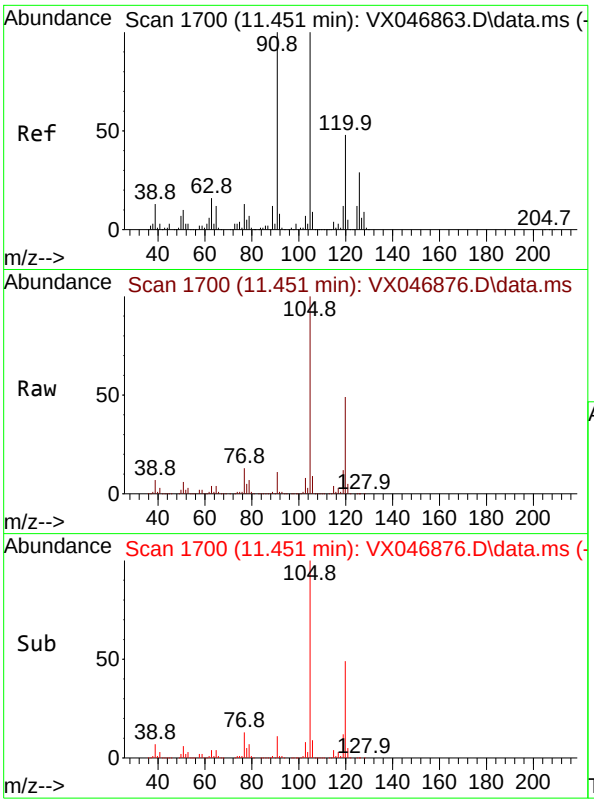


#78
n-propylbenzene
Concen: 10.839 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX046876.D
Acq: 03 Jul 2025 11:04

Tgt Ion: 91 Resp: 369097

Ion	Ratio	Lower	Upper
91	100		
120	22.0	11.2	33.5





#80
1,3,5-Trimethylbenzene
Concen: 36.760 ug/l
RT: 11.451 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046876.D
Acq: 03 Jul 2025 11:04

Tgt Ion:105 Resp: 84356

Ion	Ratio	Lower	Upper
105	100		
120	48.3	24.1	72.4

Instrument :
MSVOA_X
ClientSampleId :
MW10

Manual Integrations
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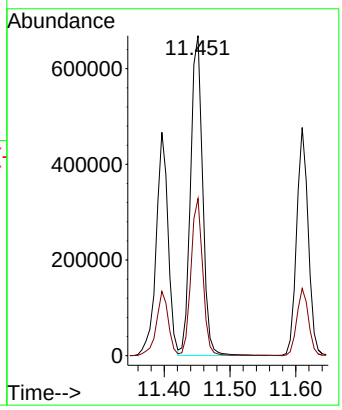
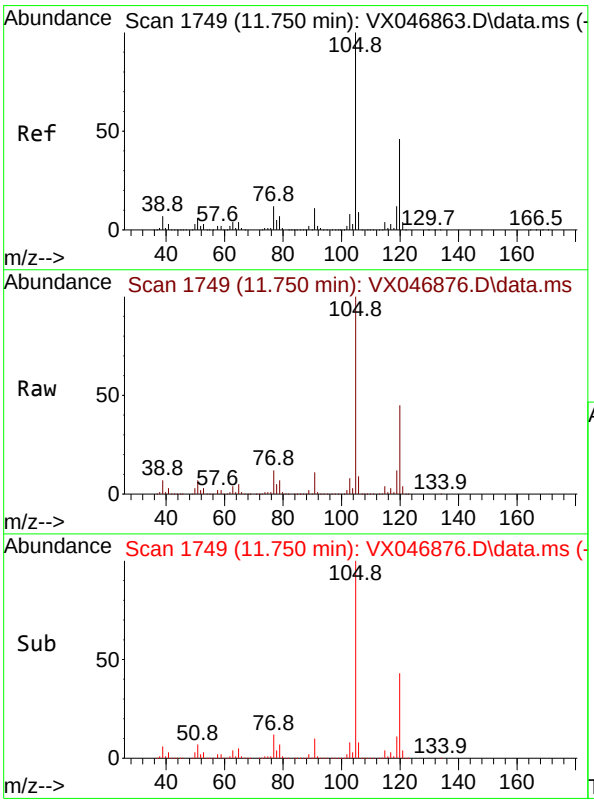
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025

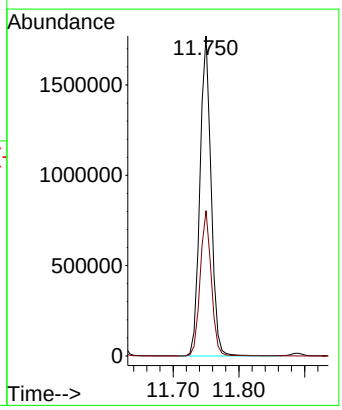


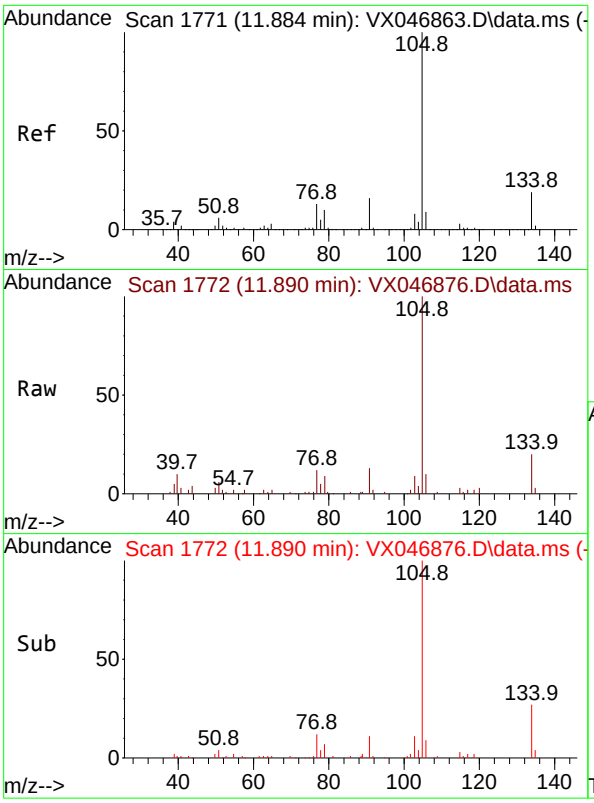


#84
1,2,4-Trimethylbenzene
Concen: 89.780 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX046876.D
Acq: 03 Jul 2025 11:04

Tgt Ion:105 Resp: 2082448

Ion	Ratio	Lower	Upper
105	100		
120	45.1	23.3	69.8





#85
sec-Butylbenzene
Concen: 0.702 ug/l m
RT: 11.890 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046876.D
Acq: 03 Jul 2025 11:04

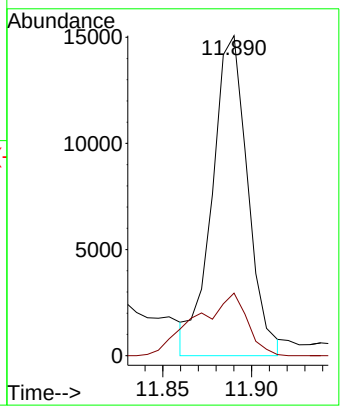
Tgt Ion:105 Resp: 2097

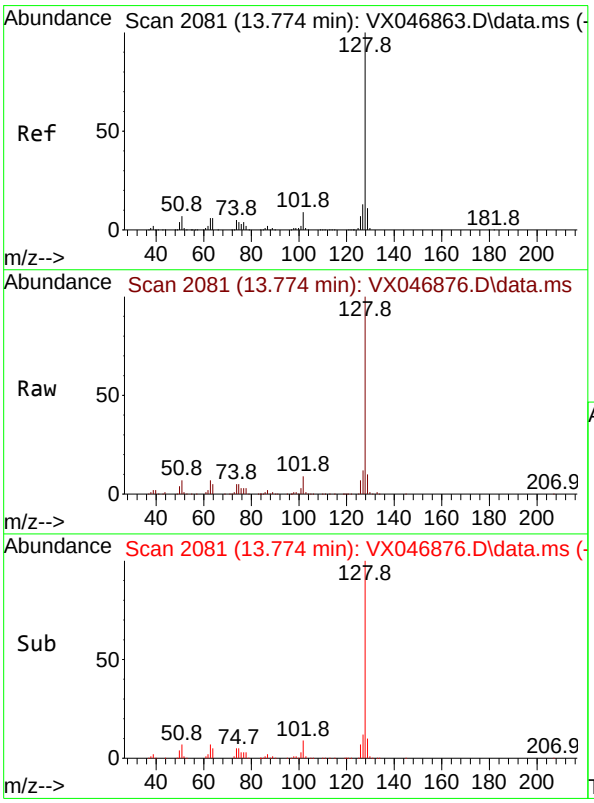
Ion	Ratio	Lower	Upper
105	100		
134	0.0	9.9	29.7

Instrument :
MSVOA_X
ClientSampleId :
MW10

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025

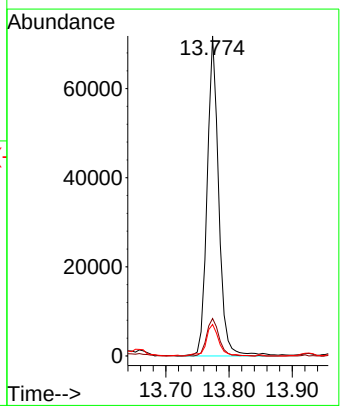




#95
Naphthalene
Concen: 4.008 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX046876.D
Acq: 03 Jul 2025 11:04

Tgt Ion:128 Resp: 91479

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.4
129	10.8	8.6	13.0



Raw Data: **VX046878.D**

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

Report of Analysis

Client:	M2 Associates	Date Collected:	06/27/25
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	06/27/25
Client Sample ID:	FIELD-BLANK	SDG No.:	Q2455
Lab Sample ID:	Q2455-04	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046878.D	1	07/03/25 11:46	VX070325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.22	U	0.22	1.00	ug/L
74-87-3	Chloromethane	0.32	U	0.32	1.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	1.00	ug/L
75-65-0	Tert butyl alcohol	5.50	U	5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
67-64-1	Acetone	1.50	U	1.50	5.00	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	0.27	U	0.27	1.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	1.50	U	1.50	5.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	1.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	1.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
108-87-2	Methylcyclohexane	0.16	U	0.16	1.00	ug/L
71-43-2	Benzene	0.15	U	0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	1.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	5.00	ug/L

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

Report of Analysis

Client:	M2 Associates	Date Collected:	06/27/25
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	06/27/25
Client Sample ID:	FIELD-BLANK	SDG No.:	Q2455
Lab Sample ID:	Q2455-04	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046878.D	1	07/03/25 11:46	VX070325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-88-3	Toluene	0.14	U	0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	0.24	U	0.24	2.00	ug/L
95-47-6	o-Xylene	0.12	U	0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	1.00	ug/L
98-82-8	Isopropylbenzene	0.12	U	0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	50.3		70 (74) - 130 (125)	101%	SPK: 50
1868-53-7	Dibromofluoromethane	47.8		70 (75) - 130 (124)	96%	SPK: 50
2037-26-5	Toluene-d8	49.7		70 (86) - 130 (113)	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.9		70 (77) - 130 (121)	100%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	419000	5.562			
540-36-3	1,4-Difluorobenzene	727000	6.769			
3114-55-4	Chlorobenzene-d5	669000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	337000	12.018			

Raw Data: **VX046878.D**

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

Report of Analysis

Client:	M2 Associates	Date Collected:	06/27/25
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	06/27/25
Client Sample ID:	FIELD-BLANK	SDG No.:	Q2455
Lab Sample ID:	Q2455-04	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046878.D	1	07/03/25 11:46	VX070325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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\VX070325\
Data File : VX046878.D
Acq On : 03 Jul 2025 11:46
Operator : JC/MD
Sample : Q2455-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FIELD-BLANK

Quant Time: Jul 04 01:29:46 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	419216	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	727439	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	669234	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	336823	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	278540	50.294	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.580%			
35) Dibromofluoromethane	5.397	113	236123	47.819	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.640%			
50) Toluene-d8	8.647	98	865532	49.681	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.360%			
62) 4-Bromofluorobenzene	11.079	95	330095	49.853	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.700%			

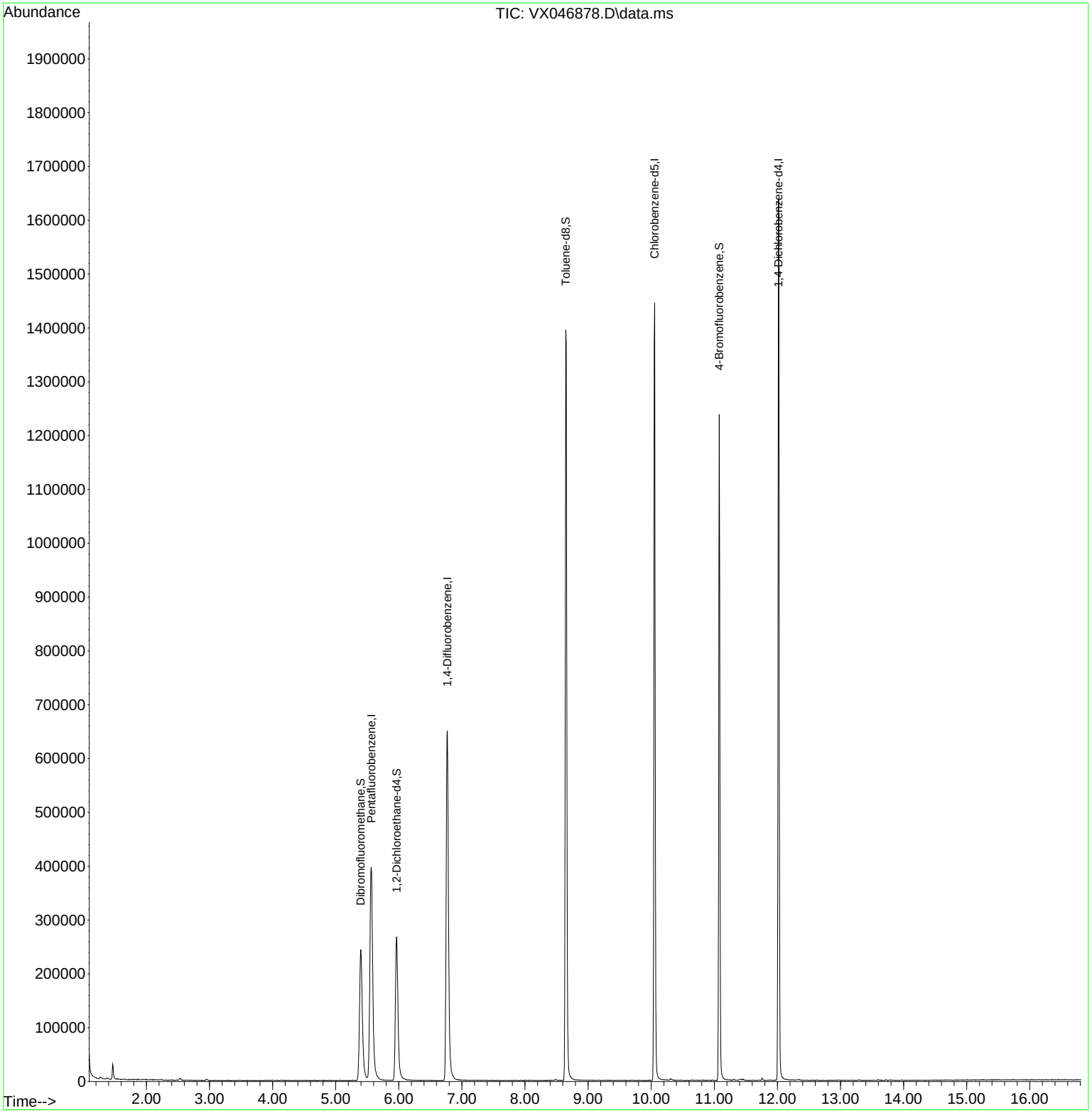
Target Compounds Qvalue

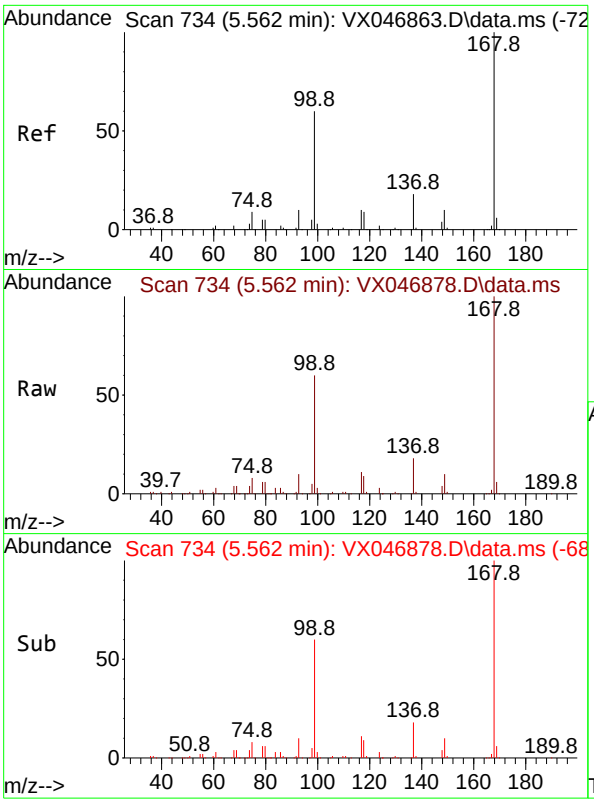
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046878.D
Acq On : 03 Jul 2025 11:46
Operator : JC/MD
Sample : Q2455-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FIELD-BLANK

Quant Time: Jul 04 01:29:46 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration



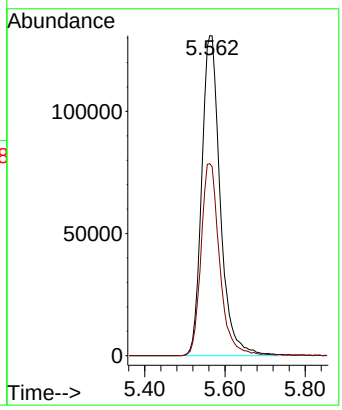


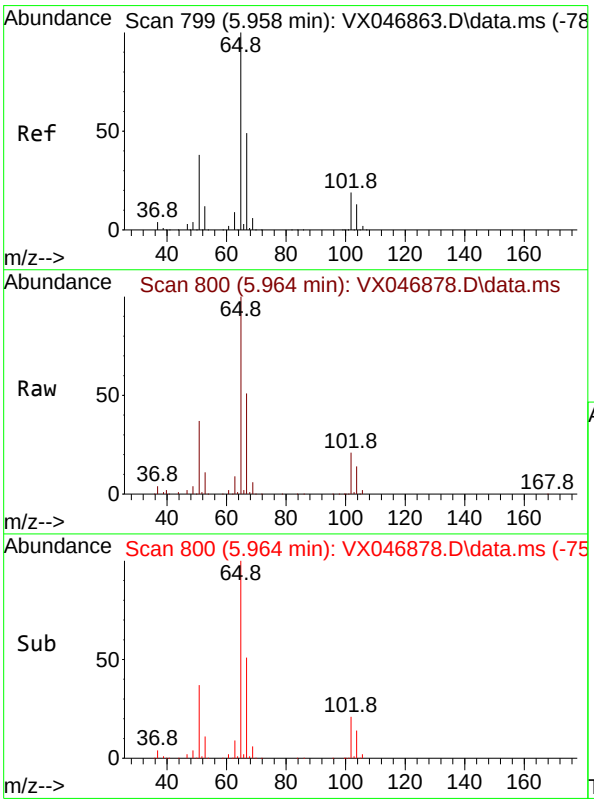
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046878.D
Acq: 03 Jul 2025 11:46

Instrument :
MSVOA_X
ClientSampleId :
FIELD-BLANK

Tgt Ion:168 Resp: 419216

Ion	Ratio	Lower	Upper
168	100		
99	60.0	48.8	73.2

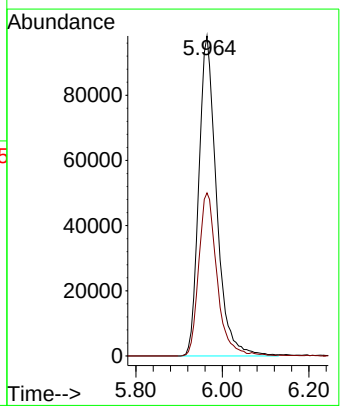


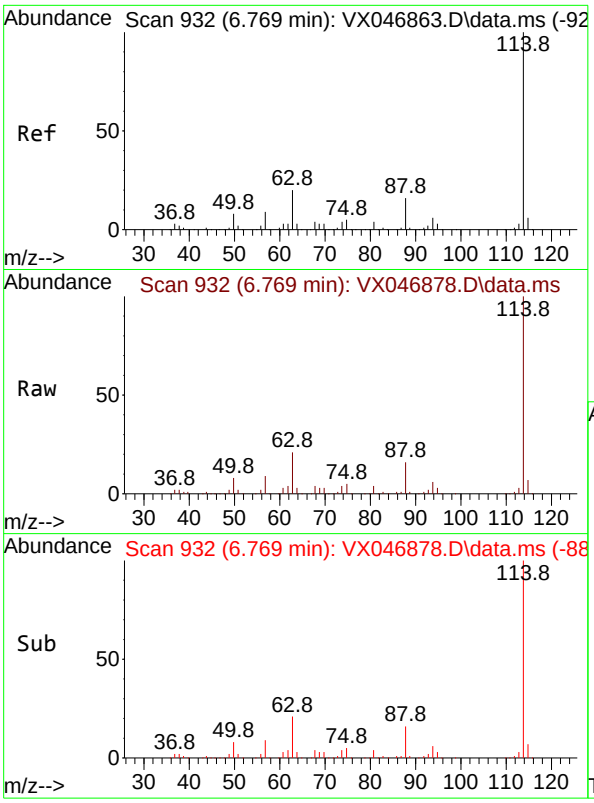


#33
1,2-Dichloroethane-d4
Concen: 50.294 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX046878.D
Acq: 03 Jul 2025 11:46

Tgt Ion: 65 Resp: 278540

Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	105.2



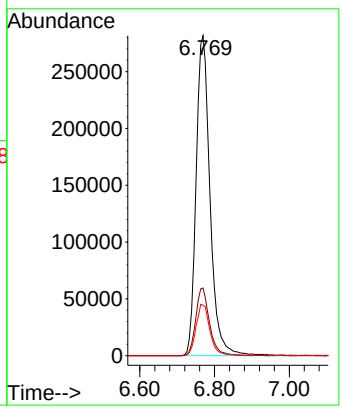


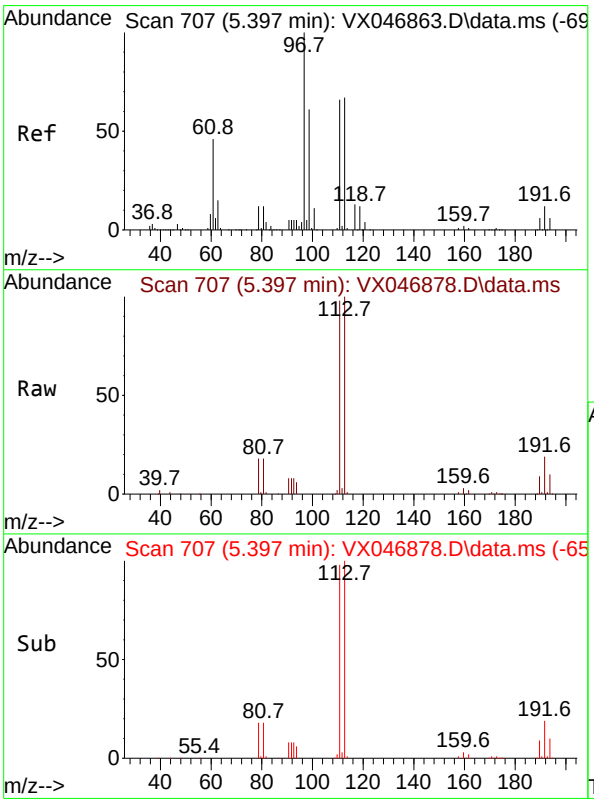
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX046878.D
Acq: 03 Jul 2025 11:46

Instrument :
MSVOA_X
ClientSampleId :
FIELD-BLANK

Tgt Ion:114 Resp: 727439

Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	40.4
88	15.7	0.0	31.0

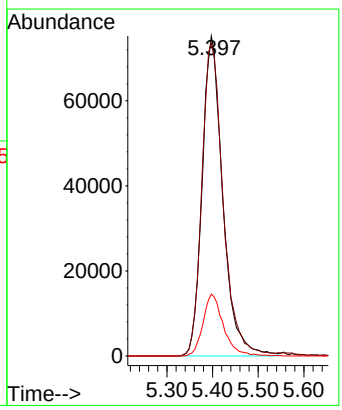


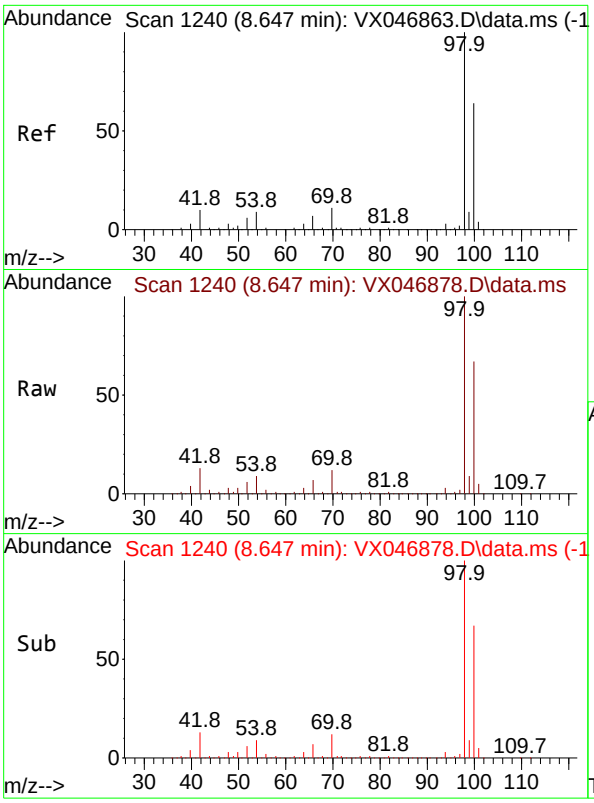


#35
Dibromofluoromethane
Concen: 47.819 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046878.D
Acq: 03 Jul 2025 11:46

Tgt Ion:113 Resp: 236123

Ion	Ratio	Lower	Upper
113	100		
111	100.8	81.2	121.8
192	19.1	15.3	22.9



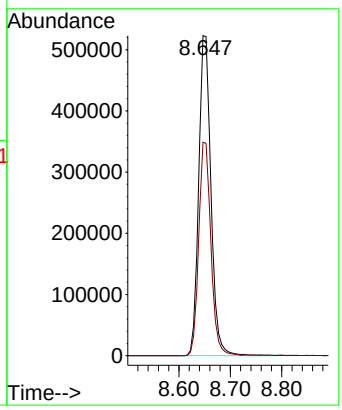


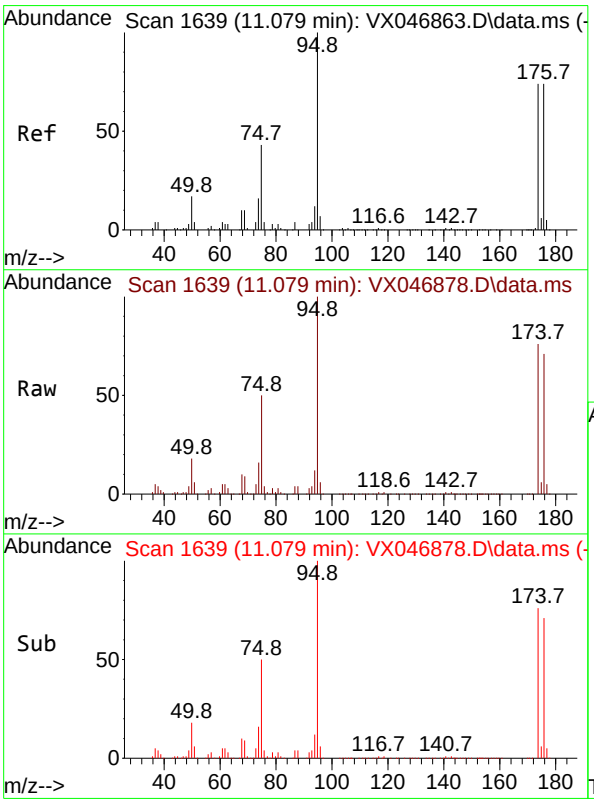
#50
Toluene-d8
Concen: 49.681 ug/l
RT: 8.647 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046878.D
Acq: 03 Jul 2025 11:46

Instrument :
MSVOA_X
ClientSampleId :
FIELD-BLANK

Tgt Ion: 98 Resp: 865532

Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.0	79.6

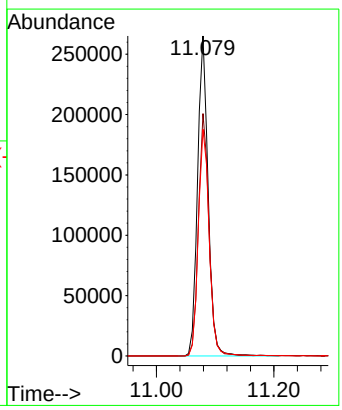


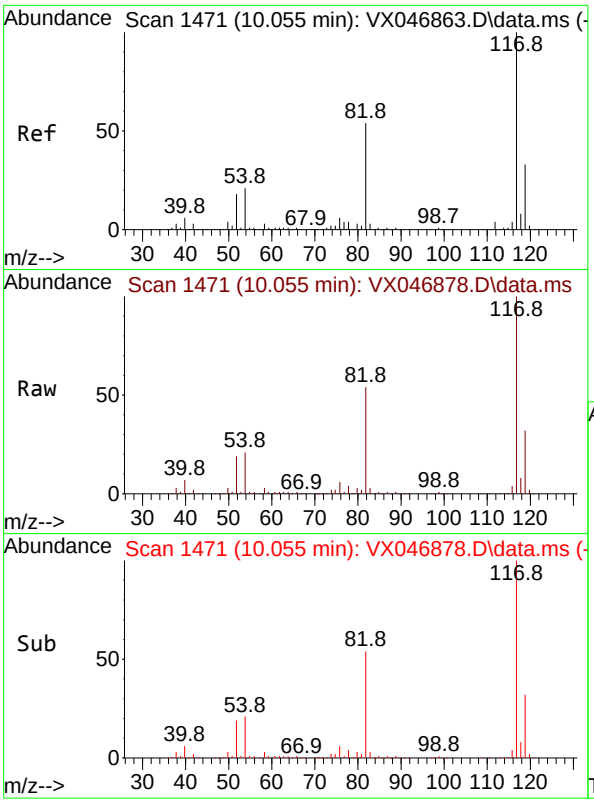


#62
4-Bromofluorobenzene
Concen: 49.853 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046878.D
Acq: 03 Jul 2025 11:46

Tgt Ion: 95 Resp: 330095

Ion	Ratio	Lower	Upper
95	100		
174	75.7	0.0	152.0
176	72.9	0.0	145.2



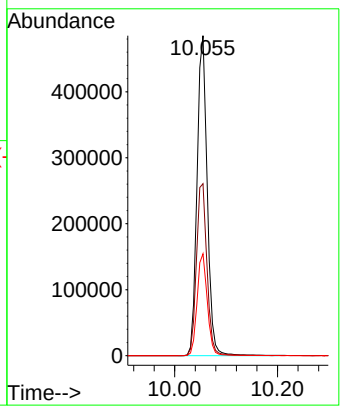


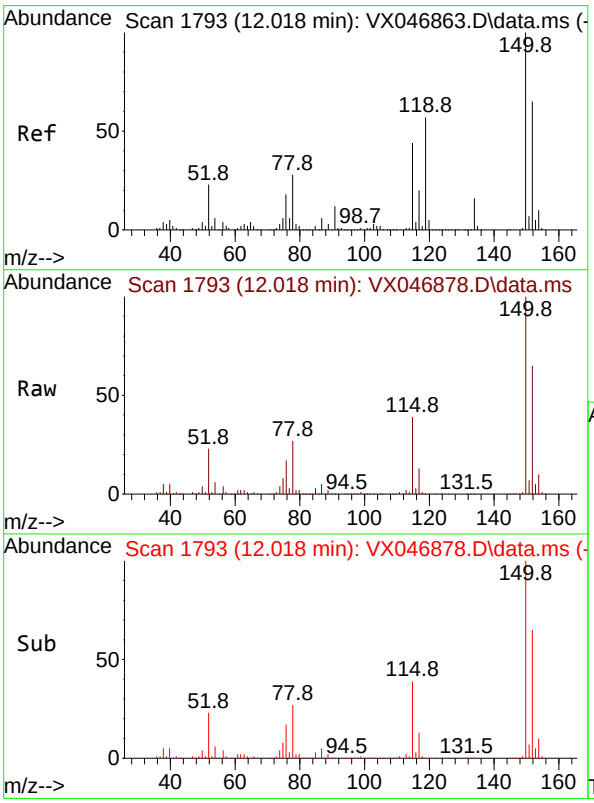
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046878.D
Acq: 03 Jul 2025 11:46

Instrument :
MSVOA_X
ClientSampleId :
FIELD-BLANK

Tgt Ion:117 Resp: 669234

Ion	Ratio	Lower	Upper
117	100		
82	53.7	43.3	64.9
119	31.9	26.4	39.6

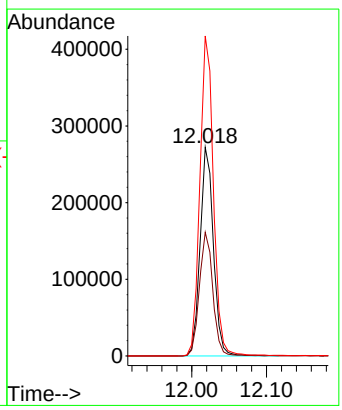




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046878.D
Acq: 03 Jul 2025 11:46

Tgt Ion:152 Resp: 336823

Ion	Ratio	Lower	Upper
152	100		
115	60.0	42.4	127.1
150	155.8	0.0	349.2



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: M2AS01

Lab Code: ACE SDG No.: Q2455

Instrument ID: MSVOA_X Calibration Date(s): 07/02/2025 07/02/2025

Heated Purge: (Y/N) N Calibration Time(s): 12:11 14:31

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

LAB FILE ID: RRF001 = VX046860.D RRF005 = VX046861.D RRF020 = VX046862.D
RRF050 = VX046863.D RRF100 = VX046864.D RRF150 = VX046865.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.445	0.433	0.512	0.487	0.503	0.490	0.478	6.7
Chloromethane	0.505	0.507	0.541	0.508	0.543	0.530	0.522	3.4
Vinyl Chloride	0.568	0.549	0.591	0.550	0.589	0.566	0.569	3.2
Bromomethane		0.402	0.402	0.360	0.369	0.295	0.366	12
Chloroethane	0.443	0.365	0.383	0.347	0.362	0.354	0.376	9.4
Trichlorofluoromethane	0.847	0.874	0.921	0.857	0.893	0.885	0.880	3
1,1,2-Trichlorotrifluoroethane	0.527	0.571	0.583	0.548	0.572	0.562	0.561	3.6
Tert butyl alcohol		0.044	0.042	0.042	0.043	0.045	0.043	3.5
1,1-Dichloroethene	0.543	0.555	0.546	0.524	0.546	0.540	0.542	1.9
Acetone	0.236	0.210	0.195	0.193	0.197	0.200	0.205	7.9
Carbon Disulfide	1.585	1.425	1.405	1.342	1.398	1.376	1.422	6
Methyl tert-butyl Ether	1.447	1.470	1.540	1.528	1.587	1.615	1.531	4.2
Methyl Acetate	0.488	0.474	0.560	0.553	0.570	0.599	0.541	9.1
Methylene Chloride	0.623	0.625	0.624	0.585	0.596	0.588	0.607	3.1
trans-1,2-Dichloroethene	0.552	0.564	0.575	0.541	0.551	0.545	0.555	2.3
1,1-Dichloroethane	1.080	1.084	1.074	1.039	1.055	1.050	1.064	1.7
Cyclohexane		0.973	0.977	0.918	0.926	0.927	0.944	3
2-Butanone	0.260	0.270	0.275	0.275	0.276	0.286	0.274	3.1
Carbon Tetrachloride	0.471	0.505	0.495	0.476	0.480	0.478	0.484	2.7
cis-1,2-Dichloroethene	0.711	0.669	0.688	0.660	0.670	0.666	0.677	2.8
Bromochloromethane	0.529	0.543	0.524	0.528	0.516	0.508	0.525	2.3
Chloroform	1.150	1.106	1.112	1.048	1.052	1.050	1.087	3.9
1,1,1-Trichloroethane	0.944	0.897	0.908	0.886	0.901	0.910	0.908	2.2
Methylcyclohexane	0.539	0.588	0.589	0.567	0.578	0.576	0.573	3.2
Benzene	1.391	1.445	1.452	1.356	1.342	1.324	1.385	3.9
1,2-Dichloroethane	0.499	0.477	0.487	0.460	0.453	0.446	0.470	4.4
Trichloroethene	0.386	0.377	0.365	0.344	0.347	0.344	0.361	5
1,2-Dichloropropane	0.364	0.340	0.362	0.346	0.345	0.342	0.350	3
Bromodichloromethane	0.538	0.508	0.535	0.510	0.508	0.507	0.518	2.9
4-Methyl-2-Pentanone	0.330	0.340	0.368	0.366	0.353	0.357	0.353	4.3

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

Raw Data

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: M2AS01

Lab Code: ACE SDG No.: Q2455

Instrument ID: MSVOA_X Calibration Date(s): 07/02/2025 07/02/2025

Heated Purge: (Y/N) N Calibration Time(s): 12:11 14:31

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

LAB FILE ID: RRF001 = VX046860.D RRF005 = VX046861.D RRF020 = VX046862.D
RRF050 = VX046863.D RRF100 = VX046864.D RRF150 = VX046865.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Toluene	0.855	0.894	0.906	0.841	0.831	0.823	0.858	3.9
t-1,3-Dichloropropene	0.408	0.431	0.467	0.472	0.490	0.504	0.462	7.8
cis-1,3-Dichloropropene	0.496	0.499	0.532	0.533	0.549	0.554	0.527	4.7
1,1,2-Trichloroethane	0.325	0.329	0.328	0.318	0.310	0.308	0.320	2.8
2-Hexanone	0.205	0.227	0.245	0.247	0.238	0.242	0.234	6.8
Dibromochloromethane	0.383	0.390	0.393	0.377	0.376	0.377	0.383	1.9
1,2-Dibromoethane	0.323	0.317	0.332	0.320	0.317	0.317	0.321	1.8
Tetrachloroethene	0.353	0.346	0.345	0.315	0.320	0.318	0.333	5.1
Chlorobenzene	1.111	1.117	1.113	1.049	1.051	1.045	1.081	3.3
Ethyl Benzene	1.810	1.868	1.929	1.830	1.846	1.824	1.851	2.3
m/p-Xylenes	0.702	0.710	0.731	0.688	0.683	0.672	0.698	3.1
o-Xylene	0.676	0.677	0.703	0.665	0.663	0.660	0.674	2.4
Styrene	1.070	1.152	1.228	1.175	1.157	1.134	1.153	4.5
Bromoform	0.269	0.261	0.273	0.269	0.275	0.275	0.270	1.9
Isopropylbenzene	3.267	3.428	3.611	3.601	3.592	3.590	3.515	4
1,1,2,2-Tetrachloroethane	1.000	0.948	0.981	0.963	0.939	0.968	0.966	2.3
1,3-Dichlorobenzene	1.615	1.664	1.673	1.627	1.625	1.619	1.637	1.5
1,4-Dichlorobenzene	1.852	1.776	1.711	1.632	1.622	1.632	1.704	5.5
1,2-Dichlorobenzene	1.626	1.592	1.625	1.568	1.560	1.550	1.587	2.1
1,2-Dibromo-3-Chloropropane	0.158	0.151	0.164	0.171	0.178	0.192	0.169	8.7
1,2,4-Trichlorobenzene	1.016	1.020	1.078	1.087	1.121	1.145	1.078	4.9
1,2,3-Trichlorobenzene	0.900	0.965	1.033	1.045	1.069	1.099	1.019	7.2
1,2-Dichloroethane-d4		0.722	0.652	0.647	0.641	0.640	0.661	5.3
Dibromofluoromethane		0.355	0.346	0.339	0.332	0.325	0.339	3.5
Toluene-d8		1.278	1.220	1.195	1.160	1.135	1.197	4.6
4-Bromofluorobenzene		0.493	0.469	0.455	0.433	0.426	0.455	6

* 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 : 82X070225W.M
Title : SW846 8260
Last Update : Thu Jul 03 05:51:11 2025
Response Via : Initial Calibration

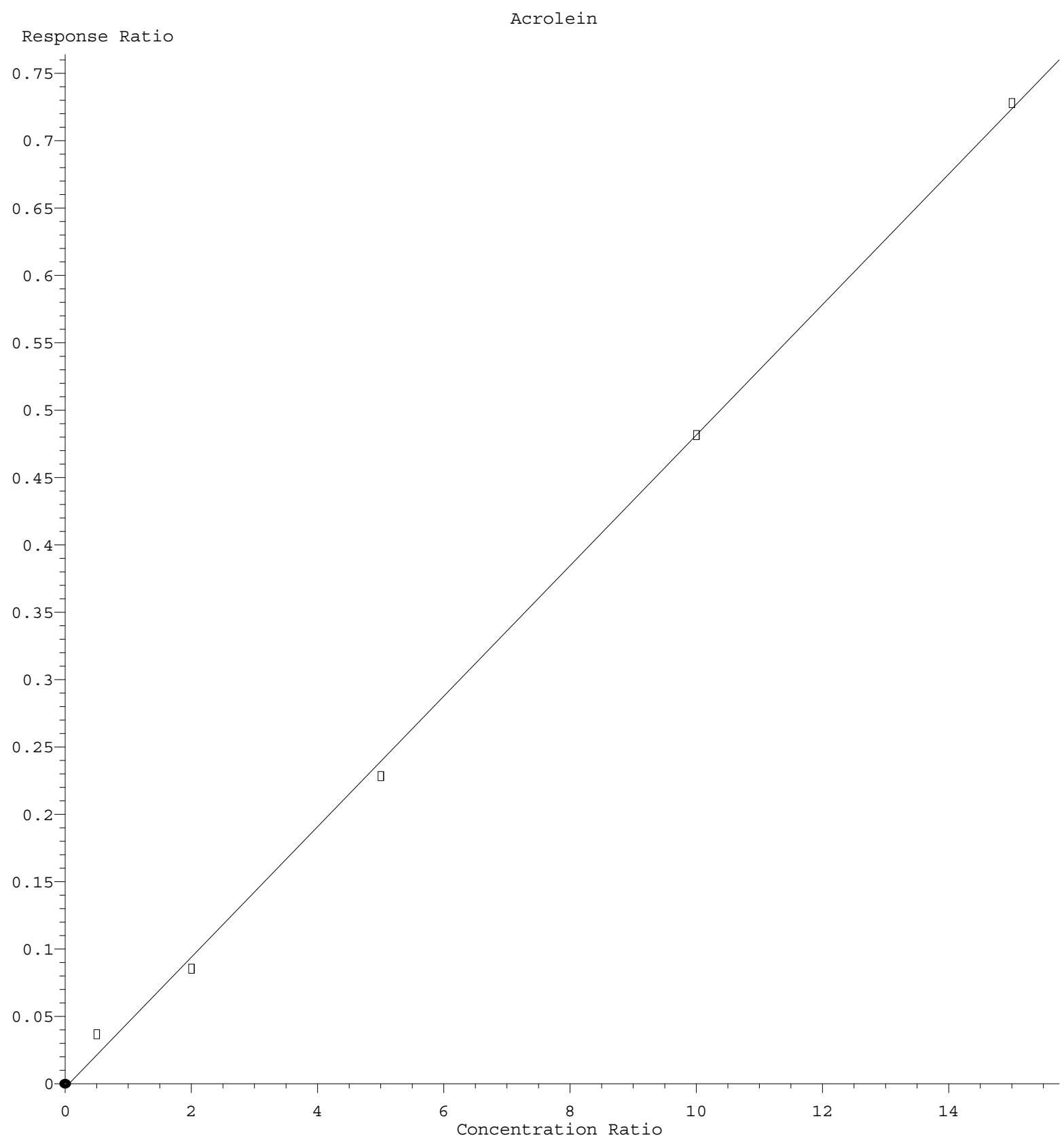
Calibration Files
1 =VX046860.D 5 =VX046861.D 20 =VX046862.D 50 =VX046863.D 100 =VX046864.D 150 =VX046865.D

		Compound	1	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.445	0.433	0.512	0.487	0.503	0.490	0.478	6.67
3)	P	Chloromethane	0.505	0.507	0.541	0.508	0.543	0.530	0.522	3.38
4)	C	Vinyl Chloride	0.568	0.549	0.591	0.550	0.589	0.566	0.569	3.19#
5)	T	Bromomethane		0.402	0.402	0.360	0.369	0.295	0.366	12.04
6)	T	Chloroethane	0.443	0.365	0.383	0.347	0.362	0.354	0.376	9.38
7)	T	Trichlorofluor...	0.847	0.874	0.921	0.857	0.893	0.885	0.880	3.02
8)	T	Diethyl Ether	0.315	0.308	0.316	0.304	0.317	0.317	0.313	1.78
9)	T	1,1,2-Trichlor...	0.527	0.571	0.583	0.548	0.572	0.562	0.561	3.58
10)	T	Methyl Iodide		0.465	0.581	0.631	0.681	0.696	0.611	15.27
11)	T	Tert butyl alc...		0.044	0.042	0.042	0.043	0.045	0.043	3.54
12)	CM	1,1-Dichloroet...	0.543	0.555	0.546	0.524	0.546	0.540	0.542	1.85#
13)	T	Acrolein		0.074	0.043	0.046	0.048	0.049	0.052	24.05
14)	T	Allyl chloride	0.975	0.939	0.963	0.943	0.988	0.983	0.965	2.12
15)	T	Acrylonitrile	0.266	0.238	0.249	0.246	0.250	0.254	0.250	3.81
16)	T	Acetone	0.236	0.210	0.195	0.193	0.197	0.200	0.205	7.90
17)	T	Carbon Disulfide	1.585	1.425	1.405	1.342	1.398	1.376	1.422	5.98
18)	T	Methyl Acetate	0.488	0.474	0.560	0.553	0.570	0.599	0.541	9.08
19)	T	Methyl tert-bu...	1.447	1.470	1.540	1.528	1.587	1.615	1.531	4.25
20)	T	Methylene Chlo...	0.623	0.625	0.624	0.585	0.596	0.588	0.607	3.14
21)	T	trans-1,2-Dich...	0.552	0.564	0.575	0.541	0.551	0.545	0.555	2.31
22)	T	Diisopropyl ether	1.666	1.831	1.967	1.905	1.927	1.893	1.865	5.75
23)	T	Vinyl Acetate	1.255	1.341	1.423	1.423	1.465	1.475	1.397	6.02
24)	P	1,1-Dichloroet...	1.080	1.084	1.074	1.039	1.055	1.050	1.064	1.71
25)	T	2-Butanone	0.260	0.270	0.275	0.275	0.276	0.286	0.274	3.07
26)	T	2,2-Dichloropr...	0.832	0.746	0.782	0.761	0.802	0.826	0.792	4.38
27)	T	cis-1,2-Dichlo...	0.711	0.669	0.688	0.660	0.670	0.666	0.677	2.78
28)	T	Bromochloromet...	0.529	0.543	0.524	0.528	0.516	0.508	0.525	2.29
29)	T	Tetrahydrofuran	0.175	0.162	0.174	0.175	0.178	0.183	0.175	4.02
30)	C	Chloroform	1.150	1.106	1.112	1.048	1.052	1.050	1.087	3.93#
31)	T	Cyclohexane		0.973	0.977	0.918	0.926	0.927	0.944	3.00
32)	T	1,1,1-Trichlor...	0.944	0.897	0.908	0.886	0.901	0.910	0.908	2.17
33)	S	1,2-Dichloroet...		0.722	0.652	0.647	0.641	0.640	0.661	5.29
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...		0.355	0.346	0.339	0.332	0.325	0.339	3.47
36)	T	1,1-Dichloropr...	0.499	0.477	0.461	0.439	0.434	0.437	0.458	5.71
37)	T	Ethyl Acetate	0.506	0.376	0.371	0.360	0.355	0.373	0.390	14.73
38)	T	Carbon Tetrach...	0.471	0.505	0.495	0.476	0.480	0.478	0.484	2.73
39)	T	Methylcyclohexane	0.539	0.588	0.589	0.567	0.578	0.576	0.573	3.20
40)	TM	Benzene	1.391	1.445	1.452	1.356	1.342	1.324	1.385	3.88
41)	T	Methacrylonitrile	0.175	0.196	0.222	0.213	0.221	0.222	0.208	9.12
42)	TM	1,2-Dichloroet...	0.499	0.477	0.487	0.460	0.453	0.446	0.470	4.39
43)	T	Isopropyl Acetate	0.508	0.562	0.613	0.618	0.630	0.652	0.597	8.82
44)	TM	Trichloroethene	0.386	0.377	0.365	0.344	0.347	0.344	0.361	5.02
45)	C	1,2-Dichloropr...	0.364	0.340	0.362	0.346	0.345	0.342	0.350	3.03#
46)	T	Dibromomethane	0.247	0.246	0.250	0.240	0.236	0.237	0.242	2.35
47)	T	Bromodichlorom...	0.538	0.508	0.535	0.510	0.508	0.507	0.518	2.87
48)	T	Methyl methacr...	0.257	0.294	0.307	0.322	0.329	0.343	0.308	9.89
49)	T	1,4-Dioxane	0.003	0.004	0.004	0.004	0.004	0.004	0.004	2.38
50)	S	Toluene-d8		1.278	1.220	1.195	1.160	1.135	1.197	4.60
51)	T	4-Methyl-2-Pen...	0.330	0.340	0.368	0.366	0.353	0.357	0.353	4.26
52)	CM	Toluene	0.855	0.894	0.906	0.841	0.831	0.823	0.858	3.95#
53)	T	t-1,3-Dichloro...	0.408	0.431	0.467	0.472	0.490	0.504	0.462	7.81
54)	T	cis-1,3-Dichlo...	0.496	0.499	0.532	0.533	0.549	0.554	0.527	4.71
55)	T	1,1,2-Trichlor...	0.325	0.329	0.328	0.318	0.310	0.308	0.320	2.82
56)	T	Ethyl methacry...	0.390	0.409	0.447	0.459	0.468	0.482	0.442	8.13

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
Method File : 82X070225W.M

57)	T	1,3-Dichloropr...	0.567	0.567	0.572	0.541	0.528	0.527	0.550	3.76
58)	T	2-Chloroethyl ...	0.217	0.235	0.258	0.267	0.260	0.259	0.249	7.69
59)	T	2-Hexanone	0.205	0.227	0.245	0.247	0.238	0.242	0.234	6.83
60)	T	Dibromochlorom...	0.383	0.390	0.393	0.377	0.376	0.377	0.383	1.94
61)	T	1,2-Dibromoethane	0.323	0.317	0.332	0.320	0.317	0.317	0.321	1.82
62)	S	4-Bromofluorob...		0.493	0.469	0.455	0.433	0.426	0.455	5.97
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.353	0.346	0.345	0.315	0.320	0.318	0.333	5.13
65)	PM	Chlorobenzene	1.111	1.117	1.113	1.049	1.051	1.045	1.081	3.32
66)	T	1,1,1,2-Tetrac...	0.366	0.347	0.377	0.359	0.366	0.367	0.363	2.75
67)	C	Ethyl Benzene	1.810	1.868	1.929	1.830	1.846	1.824	1.851	2.32#
68)	T	m/p-Xylenes	0.702	0.710	0.731	0.688	0.683	0.672	0.698	3.05
69)	T	o-Xylene	0.676	0.677	0.703	0.665	0.663	0.660	0.674	2.36
70)	T	Styrene	1.070	1.152	1.228	1.175	1.157	1.134	1.153	4.50
71)	P	Bromoform	0.269	0.261	0.273	0.269	0.275	0.275	0.270	1.94
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.267	3.428	3.611	3.601	3.592	3.590	3.515	3.97
74)	T	N-amyl acetate	0.953	1.079	1.194	1.270	1.303	1.367	1.194	12.93
75)	P	1,1,2,2-Tetrac...	1.000	0.948	0.981	0.963	0.939	0.968	0.966	2.26
76)	T	1,2,3-Trichlor...	0.781	0.720	0.770	0.787	0.791	0.787	0.773	3.46
77)	T	Bromobenzene	0.868	0.890	0.876	0.876	0.870	0.872	0.875	0.89
78)	T	n-propylbenzene	4.048	4.223	4.362	4.293	4.271	4.233	4.238	2.50
79)	T	2-Chlorotoluene	2.441	2.523	2.596	2.482	2.498	2.474	2.503	2.13
80)	T	1,3,5-Trimethy...	2.574	2.780	3.014	2.924	2.947	2.896	2.856	5.54
81)	T	trans-1,4-Dich...		0.236	0.267	0.292	0.312	0.333	0.288	13.09
82)	T	4-Chlorotoluene	2.755	2.916	2.982	2.915	2.899	2.859	2.888	2.64
83)	T	tert-Butylbenzene	2.733	2.876	3.036	3.020	3.031	3.002	2.950	4.13
84)	T	1,2,4-Trimethy...	2.615	2.872	3.017	2.949	2.930	2.937	2.887	4.88
85)	T	sec-Butylbenzene	3.475	3.721	3.852	3.782	3.766	3.719	3.719	3.47
86)	T	p-Isopropyltol...	2.948	3.159	3.181	3.162	3.160	3.077	3.114	2.87
87)	T	1,3-Dichlorobe...	1.615	1.664	1.673	1.627	1.625	1.619	1.637	1.50
88)	T	1,4-Dichlorobe...	1.852	1.776	1.711	1.632	1.622	1.632	1.704	5.52
89)	T	n-Butylbenzene	2.747	2.891	3.036	2.987	2.983	2.914	2.926	3.51
90)	T	Hexachloroethane	0.530	0.523	0.537	0.554	0.581	0.589	0.552	4.95
91)	T	1,2-Dichlorobe...	1.626	1.592	1.625	1.568	1.560	1.550	1.587	2.07
92)	T	1,2-Dibromo-3-...	0.158	0.151	0.164	0.171	0.178	0.192	0.169	8.69
93)	T	1,2,4-Trichlor...	1.016	1.020	1.078	1.087	1.121	1.145	1.078	4.86
94)	T	Hexachlorobuta...	0.393	0.397	0.421	0.409	0.408	0.411	0.407	2.52
95)	T	Naphthalene	2.210	2.537	2.893	3.034	3.096	3.273	2.840	13.92
96)	T	1,2,3-Trichlor...	0.900	0.965	1.033	1.045	1.069	1.099	1.019	7.20

(#) = Out of Range



Response = 4.842e-002 * Amt - 2.745e-003
Coef of Det (r^2) = 0.998662 Curve Fit: Linear
Method Name: Z:\voasrv\HPCHEM1\MSVOA X\Method\82X070225W.M
Calibration Table Last Updated: Thu Jul 03 05:51:11 2025

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046860.D
Acq On : 02 Jul 2025 12:11
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 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

Quant Time: Jul 03 05:29:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:21:52 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	5.556	168	372069	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	6.763	114	622566	50.000	ug/l		0.00
63) Chlorobenzene-d5	10.049	117	571866	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	290571	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	1.185	85	3309	0.930	ug/l		89
3) Chloromethane	1.307	50	3761	0.967	ug/l		89
4) Vinyl Chloride	1.386	62	4227	0.998	ug/l		99
6) Chloroethane	1.703	64	3296	1.179	ug/l		94
7) Trichlorofluoromethane	1.910	101	6304	0.963	ug/l		88
8) Diethyl Ether	2.148	74	2346	1.007	ug/l		94
9) 1,1,2-Trichlorotrifluo...	2.349	101	3923	0.940	ug/l		93
12) 1,1-Dichloroethene	2.337	96	4037	1.001	ug/l		90
14) Allyl chloride	2.678	41	7259	1.011	ug/l		96
15) Acrylonitrile	3.081	53	9914m	5.298	ug/l		
16) Acetone	2.386	43	8778	5.749	ug/l		89
17) Carbon Disulfide	2.532	76	11797	1.115	ug/l	#	88
18) Methyl Acetate	2.715	43	3632	0.903	ug/l		99
19) Methyl tert-butyl Ether	3.123	73	10768	0.945	ug/l		96
20) Methylene Chloride	2.800	84	4636	1.027	ug/l	#	91
21) trans-1,2-Dichloroethene	3.111	96	4109	0.995	ug/l		92
22) Diisopropyl ether	3.776	45	12396	0.893	ug/l	#	56
23) Vinyl Acetate	3.739	43	46702	4.492	ug/l		97
24) 1,1-Dichloroethane	3.623	63	8033	1.015	ug/l		98
25) 2-Butanone	4.599	43	9681m	4.752	ug/l		
26) 2,2-Dichloropropane	4.483	77	6192	1.051	ug/l		93
27) cis-1,2-Dichloroethene	4.501	96	5289	1.049	ug/l		98
28) Bromochloromethane	4.910	49	3938	1.008	ug/l	#	95
29) Tetrahydrofuran	5.025	42	6512	5.015	ug/l	#	62
30) Chloroform	5.111	83	8561	1.059	ug/l	#	80
32) 1,1,1-Trichloroethane	5.391	97	7025	1.040	ug/l	#	49
36) 1,1-Dichloropropene	5.702	75	6211	1.089	ug/l		91
37) Ethyl Acetate	4.763	43	6302m	1.298	ug/l		
38) Carbon Tetrachloride	5.690	117	5859m	0.959	ug/l		
39) Methylcyclohexane	7.385	83	6714	0.941	ug/l		86
40) Benzene	6.050	78	17315	1.004	ug/l	#	87
41) Methacrylonitrile	4.958	41	2181m	0.842	ug/l		
42) 1,2-Dichloroethane	6.104	62	6218	1.062	ug/l		88
43) Isopropyl Acetate	6.354	43	6331	0.851	ug/l	#	79
44) Trichloroethene	7.135	130	4807	1.071	ug/l		94
45) 1,2-Dichloropropane	7.446	63	4536	1.041	ug/l	#	77

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046860.D
Acq On : 02 Jul 2025 12:11
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 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

Quant Time: Jul 03 05:29:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:21:52 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) Dibromomethane	7.592	93	3072	1.018	ug/l		96
47) Bromodichloromethane	7.830	83	6705	1.040	ug/l		91
48) Methyl methacrylate	7.714	41	3198	0.833	ug/l	#	54
49) 1,4-Dioxane	7.683	88	860m	19.325	ug/l		
51) 4-Methyl-2-Pentanone	8.580	43	20561	4.684	ug/l		97
52) Toluene	8.726	92	10648	0.996	ug/l		96
53) t-1,3-Dichloropropene	8.994	75	5080	0.883	ug/l		97
54) cis-1,3-Dichloropropene	8.372	75	6171	0.940	ug/l	#	47
55) 1,1,2-Trichloroethane	9.159	97	4046	1.016	ug/l	#	84
56) Ethyl methacrylate	9.122	69	4850	0.880	ug/l		95
57) 1,3-Dichloropropane	9.311	76	7057	1.030	ug/l		94
58) 2-Chloroethyl Vinyl ether	8.250	63	13509	4.352	ug/l		100
59) 2-Hexanone	9.439	43	12742	4.376	ug/l		94
60) Dibromochloromethane	9.519	129	4772	1.002	ug/l		95
61) 1,2-Dibromoethane	9.610	107	4026	1.007	ug/l		100
64) Tetrachloroethene	9.275	164	4039	1.061	ug/l	#	86
65) Chlorobenzene	10.079	112	12712	1.028	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.165	131	4188	1.008	ug/l	#	65
67) Ethyl Benzene	10.195	91	20707	0.978	ug/l		96
68) m/p-Xylenes	10.305	106	16047	2.011	ug/l		91
69) o-Xylene	10.640	106	7726	1.002	ug/l		95
70) Styrene	10.659	104	12236	0.928	ug/l		98
71) Bromoform	10.805	173	3071	0.994	ug/l	#	97
73) Isopropylbenzene	10.963	105	18985	0.929	ug/l		100
74) N-amyl acetate	10.848	43	5537	0.798	ug/l	#	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	5809	1.034	ug/l		94
76) 1,2,3-Trichloropropane	11.238	75	4536m	1.010	ug/l		
77) Bromobenzene	11.201	156	5045	0.992	ug/l		96
78) n-propylbenzene	11.305	91	23522	0.955	ug/l		98
79) 2-Chlorotoluene	11.366	91	14185	0.975	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	14958	0.901	ug/l		100
82) 4-Chlorotoluene	11.457	91	16012	0.954	ug/l		97
83) tert-Butylbenzene	11.713	119	15883	0.927	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	15197	0.906	ug/l		96
85) sec-Butylbenzene	11.890	105	20193	0.934	ug/l		99
86) p-Isopropyltoluene	12.006	119	17131	0.946	ug/l		93
87) 1,3-Dichlorobenzene	11.969	146	9388	0.987	ug/l		97
88) 1,4-Dichlorobenzene	12.036	146	10764m	1.087	ug/l		
89) n-Butylbenzene	12.335	91	15963	0.939	ug/l		99
90) Hexachloroethane	12.536	117	3079	0.960	ug/l		91
91) 1,2-Dichlorobenzene	12.335	146	9448	1.025	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	920	0.937	ug/l		95
93) 1,2,4-Trichlorobenzene	13.591	180	5904	0.942	ug/l		98
94) Hexachlorobutadiene	13.725	225	2281	0.966	ug/l		87
95) Naphthalene	13.780	128	12846	0.778	ug/l		98
96) 1,2,3-Trichlorobenzene	13.963	180	5231	0.884	ug/l		95

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

ICAL Form

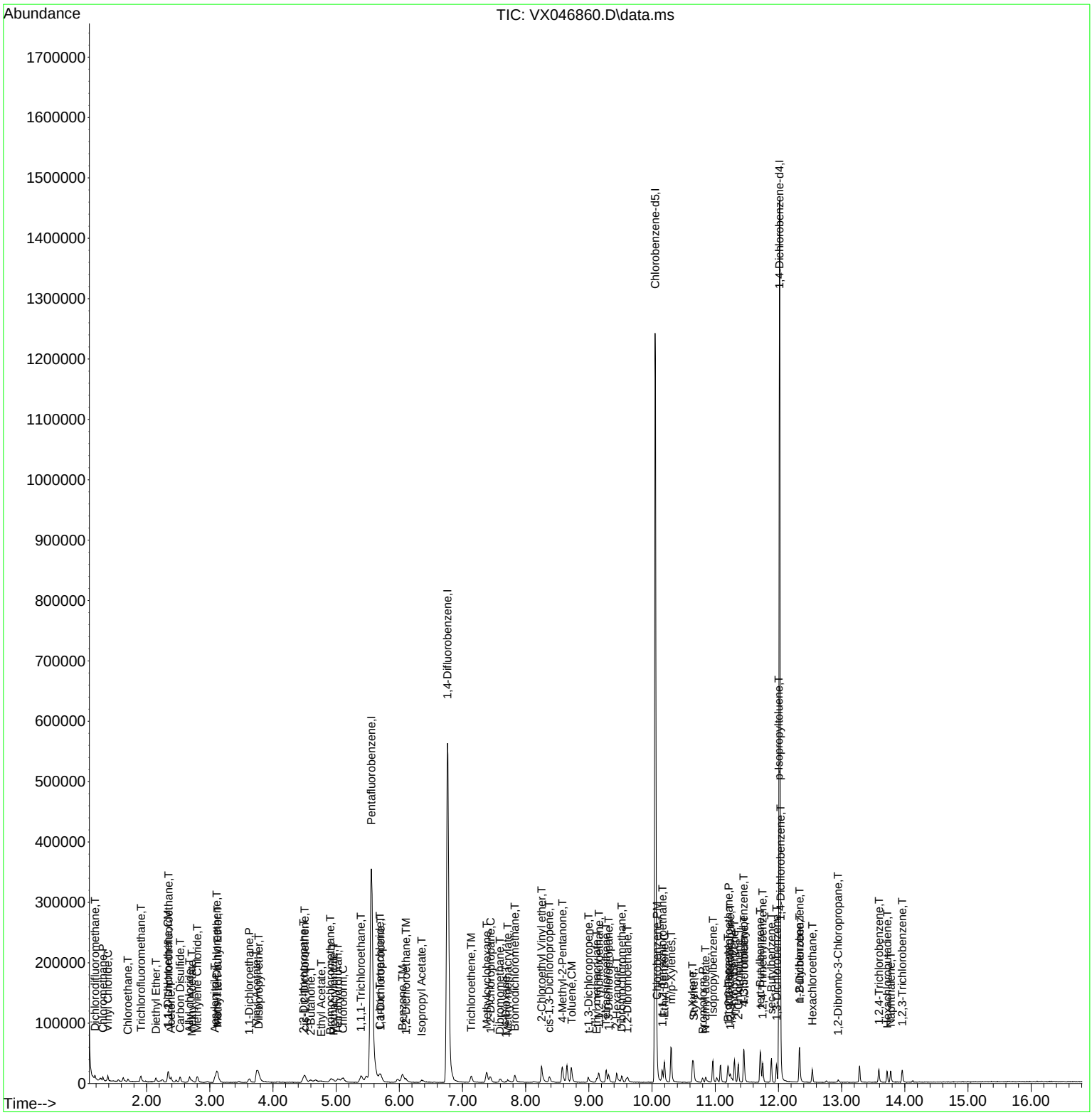
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046860.D
Acq On : 02 Jul 2025 12:11
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 03 05:29:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:21:52 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046861.D
Acq On : 02 Jul 2025 12:37
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 03 05:30:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:21:52 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	396691	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	652365	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	592225	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	309407	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	28658	5.468	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	10.940%#		
35) Dibromofluoromethane	5.397	113	23179	5.234	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.460%#		
50) Toluene-d8	8.647	98	83349	5.335	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	10.660%#		
62) 4-Bromofluorobenzene	11.079	95	32156	5.415	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	10.840%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.178	85	17184	4.530	ug/l	99
3) Chloromethane	1.306	50	20130	4.857	ug/l	95
4) Vinyl Chloride	1.386	62	21789	4.827	ug/l	99
5) Bromomethane	1.623	94	15966	5.505	ug/l	93
6) Chloroethane	1.703	64	14497	4.864	ug/l	97
7) Trichlorofluoromethane	1.904	101	34689	4.970	ug/l	98
8) Diethyl Ether	2.148	74	12204	4.914	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.343	101	22655	5.094	ug/l	98
10) Methyl Iodide	2.465	142	18441	3.806	ug/l	95
11) Tert butyl alcohol	2.952	59	8771	25.519	ug/l	100
12) 1,1-Dichloroethene	2.337	96	22008	5.116	ug/l	100
13) Acrolein	2.245	56	14598	40.835	ug/l	98
14) Allyl chloride	2.678	41	37266	4.866	ug/l	95
15) Acrylonitrile	3.074	53	47130	23.621	ug/l	100
16) Acetone	2.385	43	41693	25.612	ug/l	94
17) Carbon Disulfide	2.526	76	56543	5.012	ug/l	98
18) Methyl Acetate	2.715	43	18796	4.381	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	58304	4.800	ug/l	96
20) Methylene Chloride	2.800	84	24790	5.150	ug/l	92
21) trans-1,2-Dichloroethene	3.105	96	22385	5.086	ug/l	98
22) Diisopropyl ether	3.763	45	72646	4.910	ug/l #	74
23) Vinyl Acetate	3.733	43	265941	23.992	ug/l	97
24) 1,1-Dichloroethane	3.617	63	42994	5.095	ug/l	97
25) 2-Butanone	4.568	43	53597	24.678	ug/l	99
26) 2,2-Dichloropropane	4.483	77	29599	4.713	ug/l	79
27) cis-1,2-Dichloroethene	4.501	96	26549	4.940	ug/l	96
28) Bromochloromethane	4.915	49	21555	5.176	ug/l	94
29) Tetrahydrofuran	5.019	42	32120	23.200	ug/l	98
30) Chloroform	5.098	83	43886	5.091	ug/l	99
31) Cyclohexane	5.482	56	38601	5.153	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	35598	4.943	ug/l	95
36) 1,1-Dichloropropene	5.702	75	31138	5.212	ug/l	98
37) Ethyl Acetate	4.733	43	24519	4.818	ug/l #	92
38) Carbon Tetrachloride	5.690	117	32963	5.151	ug/l	93
39) Methylcyclohexane	7.385	83	38332	5.129	ug/l	99
40) Benzene	6.043	78	94260	5.216	ug/l	98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046861.D
Acq On : 02 Jul 2025 12:37
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 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

Quant Time: Jul 03 05:30:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:21:52 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.934	41	12777	4.707	ug/l	#	94
42) 1,2-Dichloroethane	6.092	62	31102	5.068	ug/l		98
43) Isopropyl Acetate	6.348	43	36681	4.706	ug/l		98
44) Trichloroethene	7.128	130	24587	5.227	ug/l		98
45) 1,2-Dichloropropane	7.433	63	22205	4.863	ug/l		91
46) Dibromomethane	7.586	93	16018	5.063	ug/l		99
47) Bromodichloromethane	7.824	83	33143	4.907	ug/l		99
48) Methyl methacrylate	7.702	41	19166	4.762	ug/l		98
49) 1,4-Dioxane	7.671	88	4647	99.650	ug/l	#	90
51) 4-Methyl-2-Pentanone	8.573	43	110844	24.096	ug/l		100
52) Toluene	8.720	92	58295	5.206	ug/l		99
53) t-1,3-Dichloropropene	8.982	75	28142	4.668	ug/l		99
54) cis-1,3-Dichloropropene	8.366	75	32562	4.732	ug/l		92
55) 1,1,2-Trichloroethane	9.153	97	21431	5.138	ug/l		96
56) Ethyl methacrylate	9.122	69	26665	4.619	ug/l		97
57) 1,3-Dichloropropane	9.311	76	37000	5.152	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.244	63	76711	23.583	ug/l		99
59) 2-Hexanone	9.433	43	73995	24.251	ug/l		94
60) Dibromochloromethane	9.518	129	25465	5.101	ug/l		96
61) 1,2-Dibromoethane	9.610	107	20695	4.940	ug/l		98
64) Tetrachloroethene	9.274	164	20514	5.203	ug/l		97
65) Chlorobenzene	10.079	112	66148	5.166	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.158	131	20533	4.770	ug/l		94
67) Ethyl Benzene	10.195	91	110637	5.046	ug/l		97
68) m/p-Xylenes	10.299	106	84083	10.176	ug/l		100
69) o-Xylene	10.640	106	40078	5.021	ug/l		99
70) Styrene	10.652	104	68250	4.998	ug/l		99
71) Bromoform	10.799	173	15461	4.831	ug/l	#	99
73) Isopropylbenzene	10.963	105	106065	4.876	ug/l		98
74) N-amyl acetate	10.841	43	33387	4.517	ug/l		98
75) 1,1,2,2-Tetrachloroethane	11.207	83	29333	4.905	ug/l		100
76) 1,2,3-Trichloropropane	11.238	75	22279m	4.660	ug/l		
77) Bromobenzene	11.195	156	27534	5.082	ug/l		95
78) n-propylbenzene	11.298	91	130658	4.982	ug/l		97
79) 2-Chlorotoluene	11.359	91	78075	5.042	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	86020	4.867	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	7304	4.100	ug/l	#	81
82) 4-Chlorotoluene	11.451	91	90236	5.049	ug/l		100
83) tert-Butylbenzene	11.713	119	88998	4.876	ug/l		98
84) 1,2,4-Trimethylbenzene	11.750	105	88868	4.975	ug/l		95
85) sec-Butylbenzene	11.890	105	115141	5.003	ug/l		100
86) p-Isopropyltoluene	12.006	119	97742	5.072	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	51500	5.083	ug/l		98
88) 1,4-Dichlorobenzene	12.036	146	54943	5.210	ug/l		95
89) n-Butylbenzene	12.329	91	89435	4.939	ug/l		97
90) Hexachloroethane	12.536	117	16170	4.733	ug/l		94
91) 1,2-Dichlorobenzene	12.335	146	49253	5.016	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.938	75	4675	4.469	ug/l		90
93) 1,2,4-Trichlorobenzene	13.585	180	31558	4.731	ug/l		100
94) Hexachlorobutadiene	13.719	225	12292	4.886	ug/l		97
95) Naphthalene	13.774	128	78483	4.465	ug/l		99
96) 1,2,3-Trichlorobenzene	13.957	180	29854	4.737	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046861.D
Acq On : 02 Jul 2025 12:37
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 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

Quant Time: Jul 03 05:30:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:21:52 2025
Response via : Initial Calibration

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

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

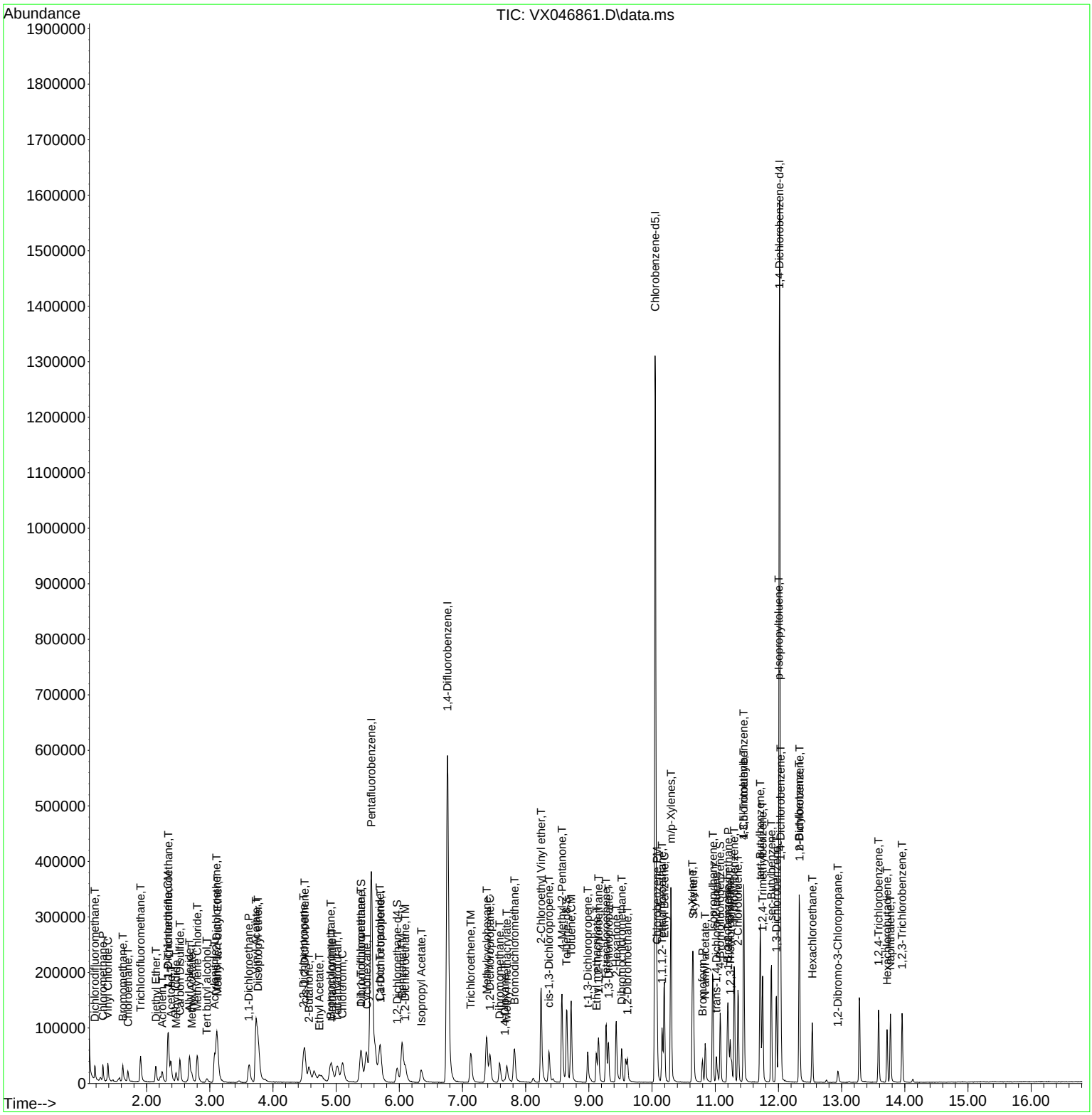
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046861.D
Acq On : 02 Jul 2025 12:37
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 03 05:30:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:21:52 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046862.D
Acq On : 02 Jul 2025 13:18
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 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

Quant Time: Jul 03 05:31:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:21:52 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	399111	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	642908	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	576289	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	296482	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	104091	19.742	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	39.480%#		
35) Dibromofluoromethane	5.391	113	88863	20.362	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	40.720%#		
50) Toluene-d8	8.647	98	313624	20.369	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	40.740%#		
62) 4-Bromofluorobenzene	11.079	95	120554	20.601	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	41.200%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.184	85	81688	21.402	ug/l	99
3) Chloromethane	1.306	50	86312	20.697	ug/l	97
4) Vinyl Chloride	1.386	62	94339	20.773	ug/l	100
5) Bromomethane	1.629	94	64159	21.988	ug/l	97
6) Chloroethane	1.703	64	61209	20.412	ug/l	100
7) Trichlorofluoromethane	1.904	101	147045	20.941	ug/l	98
8) Diethyl Ether	2.142	74	50485	20.203	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.343	101	93041	20.794	ug/l	98
10) Methyl Iodide	2.465	142	92753	19.028	ug/l	100
11) Tert butyl alcohol	2.952	59	33170	95.921	ug/l	99
12) 1,1-Dichloroethene	2.337	96	87106	20.127	ug/l	99
13) Acrolein	2.245	56	34095	91.049	ug/l	97
14) Allyl chloride	2.678	41	153719	19.950	ug/l	99
15) Acrylonitrile	3.068	53	198794	99.028	ug/l	99
16) Acetone	2.379	43	155869	95.170	ug/l	98
17) Carbon Disulfide	2.526	76	224317	19.764	ug/l	98
18) Methyl Acetate	2.709	43	89471	20.726	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	245776	20.110	ug/l	100
20) Methylene Chloride	2.800	84	99547	20.555	ug/l	97
21) trans-1,2-Dichloroethene	3.105	96	91856	20.742	ug/l	94
22) Diisopropyl ether	3.763	45	314003	21.094	ug/l	94
23) Vinyl Acetate	3.727	43	1136064	101.868	ug/l	100
24) 1,1-Dichloroethane	3.617	63	171529	20.204	ug/l	100
25) 2-Butanone	4.556	43	219759	100.571	ug/l	99
26) 2,2-Dichloropropane	4.483	77	124894	19.767	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	109844	20.316	ug/l	99
28) Bromochloromethane	4.903	49	83733	19.985	ug/l	97
29) Tetrahydrofuran	5.001	42	138587	99.493	ug/l	99
30) Chloroform	5.098	83	177543	20.470	ug/l	97
31) Cyclohexane	5.470	56	155952	20.692	ug/l	93
32) 1,1,1-Trichloroethane	5.391	97	144962	20.005	ug/l	98
36) 1,1-Dichloropropene	5.702	75	118611	20.144	ug/l	97
37) Ethyl Acetate	4.720	43	95352	19.013	ug/l	99
38) Carbon Tetrachloride	5.684	117	127307	20.188	ug/l	97
39) Methylcyclohexane	7.378	83	151595	20.582	ug/l	96
40) Benzene	6.043	78	373429	20.968	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046862.D
Acq On : 02 Jul 2025 13:18
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 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

Quant Time: Jul 03 05:31:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:21:52 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.922	41	57138	21.358	ug/l		95
42) 1,2-Dichloroethane	6.086	62	125114	20.689	ug/l		99
43) Isopropyl Acetate	6.336	43	157613	20.519	ug/l		100
44) Trichloroethene	7.128	130	93746	20.221	ug/l		100
45) 1,2-Dichloropropane	7.427	63	93205	20.714	ug/l		99
46) Dibromomethane	7.580	93	64260	20.612	ug/l		100
47) Bromodichloromethane	7.817	83	137600	20.670	ug/l		98
48) Methyl methacrylate	7.695	41	78897	19.892	ug/l		97
49) 1,4-Dioxane	7.659	88	18907	411.405	ug/l		97
51) 4-Methyl-2-Pentanone	8.567	43	473773	104.508	ug/l		99
52) Toluene	8.714	92	232882	21.102	ug/l		98
53) t-1,3-Dichloropropene	8.976	75	120040	20.206	ug/l		100
54) cis-1,3-Dichloropropene	8.366	75	136889	20.187	ug/l		98
55) 1,1,2-Trichloroethane	9.146	97	84451	20.545	ug/l		97
56) Ethyl methacrylate	9.116	69	114929	20.200	ug/l		99
57) 1,3-Dichloropropane	9.305	76	147193	20.795	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.238	63	331143	103.298	ug/l		100
59) 2-Hexanone	9.427	43	314535	104.602	ug/l		99
60) Dibromochloromethane	9.518	129	100960	20.523	ug/l		100
61) 1,2-Dibromoethane	9.610	107	85342	20.672	ug/l		100
64) Tetrachloroethene	9.268	164	79577	20.740	ug/l		96
65) Chlorobenzene	10.073	112	256491	20.586	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.158	131	86804	20.724	ug/l		99
67) Ethyl Benzene	10.189	91	444690	20.841	ug/l		99
68) m/p-Xylenes	10.299	106	337082	41.924	ug/l		98
69) o-Xylene	10.640	106	162094	20.870	ug/l		99
70) Styrene	10.652	104	283121	21.307	ug/l		100
71) Bromoform	10.799	173	62957	20.215	ug/l	#	98
73) Isopropylbenzene	10.957	105	428283	20.549	ug/l		100
74) N-amyl acetate	10.841	43	141581	19.991	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	116329	20.298	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	91349m	19.941	ug/l		
77) Bromobenzene	11.195	156	103902	20.014	ug/l		96
78) n-propylbenzene	11.298	91	517332	20.585	ug/l		100
79) 2-Chlorotoluene	11.359	91	307886	20.748	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	357455	21.108	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	31721	18.582	ug/l		94
82) 4-Chlorotoluene	11.451	91	353678	20.654	ug/l		99
83) tert-Butylbenzene	11.713	119	360024	20.583	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	357753	20.900	ug/l		95
85) sec-Butylbenzene	11.890	105	456837	20.715	ug/l		100
86) p-Isopropyltoluene	12.006	119	377192	20.425	ug/l		100
87) 1,3-Dichlorobenzene	11.963	146	198351	20.429	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	202881	20.078	ug/l		99
89) n-Butylbenzene	12.329	91	360061	20.750	ug/l		99
90) Hexachloroethane	12.536	117	63705	19.459	ug/l		99
91) 1,2-Dichlorobenzene	12.329	146	192682	20.479	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.938	75	19455	19.409	ug/l		97
93) 1,2,4-Trichlorobenzene	13.585	180	127830	19.999	ug/l		99
94) Hexachlorobutadiene	13.725	225	49928	20.713	ug/l		99
95) Naphthalene	13.774	128	343123	20.372	ug/l		99
96) 1,2,3-Trichlorobenzene	13.957	180	122506	20.284	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046862.D
Acq On : 02 Jul 2025 13:18
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 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

Quant Time: Jul 03 05:31:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:21:52 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

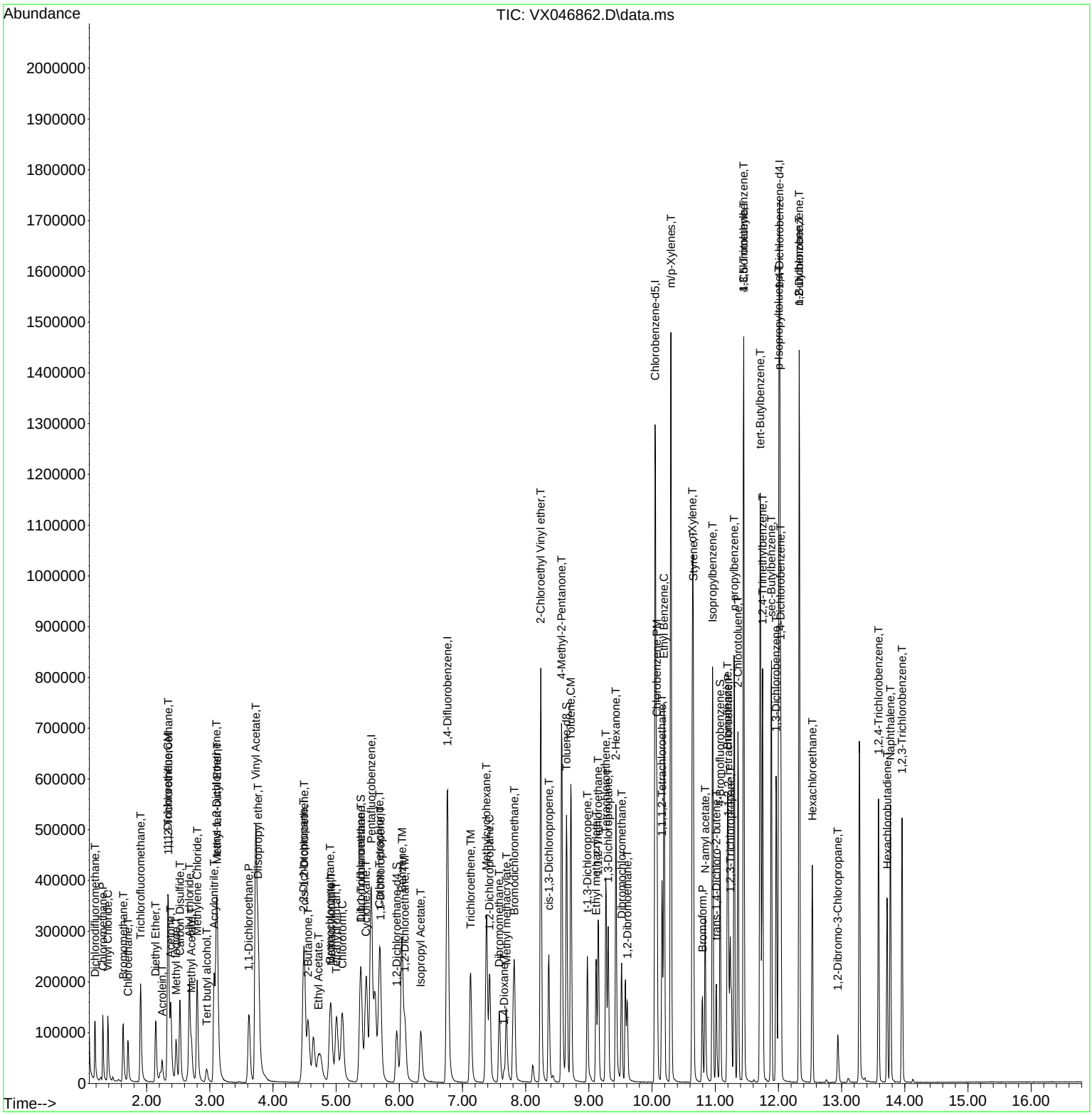
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046862.D
Acq On : 02 Jul 2025 13:18
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 03 05:31:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:21:52 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046863.D
Acq On : 02 Jul 2025 13:39
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 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

Quant Time: Jul 03 05:32:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:21:52 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	368182	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	601240	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	539902	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	266829	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	238206	48.973	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 97.940%			
35) Dibromofluoromethane	5.397	113	203814	49.939	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.880%			
50) Toluene-d8	8.647	98	718232	49.879	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.760%			
62) 4-Bromofluorobenzene	11.079	95	273366	49.952	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.900%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.179	85	179160	50.881	ug/l	100
3) Chloromethane	1.307	50	186908	48.585	ug/l	100
4) Vinyl Chloride	1.386	62	202462	48.327	ug/l	100
5) Bromomethane	1.624	94	132366	49.174	ug/l	100
6) Chloroethane	1.703	64	127577	46.118	ug/l	100
7) Trichlorofluoromethane	1.904	101	315495	48.704	ug/l	100
8) Diethyl Ether	2.148	74	112089	48.624	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.349	101	201760	48.880	ug/l	100
10) Methyl Iodide	2.471	142	232179	51.631	ug/l	100
11) Tert butyl alcohol	2.953	59	77545	243.081	ug/l	100
12) 1,1-Dichloroethene	2.337	96	193069	48.359	ug/l	100
13) Acrolein	2.246	56	84088	238.671	ug/l	100
14) Allyl chloride	2.678	41	347253	48.854	ug/l	100
15) Acrylonitrile	3.075	53	453047	244.641	ug/l	100
16) Acetone	2.386	43	355803	235.495	ug/l	100
17) Carbon Disulfide	2.532	76	494153	47.196	ug/l	100
18) Methyl Acetate	2.715	43	203643	51.137	ug/l	100
19) Methyl tert-butyl Ether	3.123	73	562569	49.898	ug/l	100
20) Methylene Chloride	2.800	84	215411	48.215	ug/l	100
21) trans-1,2-Dichloroethene	3.105	96	199150	48.748	ug/l	100
22) Diisopropyl ether	3.770	45	701332	51.071	ug/l	100
23) Vinyl Acetate	3.733	43	2620249	254.689	ug/l	100
24) 1,1-Dichloroethane	3.623	63	382510	48.841	ug/l	100
25) 2-Butanone	4.562	43	506469	251.252	ug/l	100
26) 2,2-Dichloropropane	4.489	77	280159	48.066	ug/l	100
27) cis-1,2-Dichloroethene	4.501	96	243080	48.734	ug/l	100
28) Bromochloromethane	4.910	49	194431	50.303	ug/l	100
29) Tetrahydrofuran	5.007	42	322800	251.209	ug/l	100
30) Chloroform	5.105	83	386035	48.247	ug/l	100
31) Cyclohexane	5.483	56	337894	48.598	ug/l	100
32) 1,1,1-Trichloroethane	5.397	97	326288	48.811	ug/l	100
36) 1,1-Dichloropropene	5.702	75	264243	47.988	ug/l	100
37) Ethyl Acetate	4.721	43	216259	46.111	ug/l	100
38) Carbon Tetrachloride	5.690	117	286310	48.549	ug/l	100
39) Methylcyclohexane	7.385	83	341159	49.529	ug/l	100
40) Benzene	6.050	78	815341	48.954	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046863.D
Acq On : 02 Jul 2025 13:39
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 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

Quant Time: Jul 03 05:32:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:21:52 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.922	41	127915	51.128	ug/l		100
42) 1,2-Dichloroethane	6.092	62	276628	48.913	ug/l		100
43) Isopropyl Acetate	6.342	43	371859	51.765	ug/l		100
44) Trichloroethene	7.129	130	206841	47.708	ug/l		100
45) 1,2-Dichloropropane	7.434	63	207864	49.398	ug/l		100
46) Dibromomethane	7.586	93	144114	49.430	ug/l		100
47) Bromodichloromethane	7.824	83	306696	49.265	ug/l		100
48) Methyl methacrylate	7.696	41	193493	52.165	ug/l		100
49) 1,4-Dioxane	7.659	88	43664	1015.947	ug/l		100
51) 4-Methyl-2-Pentanone	8.574	43	1101634	259.847	ug/l		100
52) Toluene	8.720	92	505397	48.969	ug/l		100
53) t-1,3-Dichloropropene	8.976	75	284038	51.124	ug/l		100
54) cis-1,3-Dichloropropene	8.366	75	320678	50.567	ug/l		100
55) 1,1,2-Trichloroethane	9.153	97	191073	49.704	ug/l		100
56) Ethyl methacrylate	9.116	69	276170	51.905	ug/l		100
57) 1,3-Dichloropropane	9.305	76	325345	49.150	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.244	63	802354	267.636	ug/l		100
59) 2-Hexanone	9.427	43	742855	264.164	ug/l		100
60) Dibromochloromethane	9.519	129	226427	49.218	ug/l		100
61) 1,2-Dibromoethane	9.610	107	192320	49.814	ug/l		100
64) Tetrachloroethene	9.275	164	170176	47.341	ug/l		100
65) Chlorobenzene	10.079	112	566582	48.538	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.159	131	193638	49.347	ug/l		100
67) Ethyl Benzene	10.189	91	987806	49.415	ug/l		100
68) m/p-Xylenes	10.299	106	743275	98.674	ug/l		100
69) o-Xylene	10.640	106	358798	49.311	ug/l		100
70) Styrene	10.653	104	634597	50.976	ug/l		100
71) Bromoform	10.799	173	145282	49.794	ug/l	#	100
73) Isopropylbenzene	10.957	105	960979	51.232	ug/l		100
74) N-amyl acetate	10.842	43	338897	53.169	ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.207	83	256928	49.814	ug/l		100
76) 1,2,3-Trichloropropane	11.238	75	210006m	50.937	ug/l		
77) Bromobenzene	11.195	156	233851	50.052	ug/l		100
78) n-propylbenzene	11.299	91	1145518	50.647	ug/l		100
79) 2-Chlorotoluene	11.360	91	662335	49.595	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	780315	51.198	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	77831	50.659	ug/l		100
82) 4-Chlorotoluene	11.451	91	777681	50.461	ug/l		100
83) tert-Butylbenzene	11.713	119	805925	51.197	ug/l		100
84) 1,2,4-Trimethylbenzene	11.750	105	786934	51.082	ug/l		100
85) sec-Butylbenzene	11.884	105	1009027	50.840	ug/l		100
86) p-Isopropyltoluene	12.006	119	843813	50.770	ug/l		100
87) 1,3-Dichlorobenzene	11.963	146	434168	49.687	ug/l		100
88) 1,4-Dichlorobenzene	12.036	146	435439	47.882	ug/l		100
89) n-Butylbenzene	12.329	91	797119	51.042	ug/l		100
90) Hexachloroethane	12.536	117	147768	50.152	ug/l		100
91) 1,2-Dichlorobenzene	12.329	146	418287	49.398	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	45584	50.530	ug/l		100
93) 1,2,4-Trichlorobenzene	13.585	180	290148	50.438	ug/l		100
94) Hexachlorobutadiene	13.719	225	109236	50.352	ug/l		100
95) Naphthalene	13.774	128	809540	53.405	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	278713	51.278	ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046863.D
Acq On : 02 Jul 2025 13:39
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 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

Quant Time: Jul 03 05:32:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:21:52 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

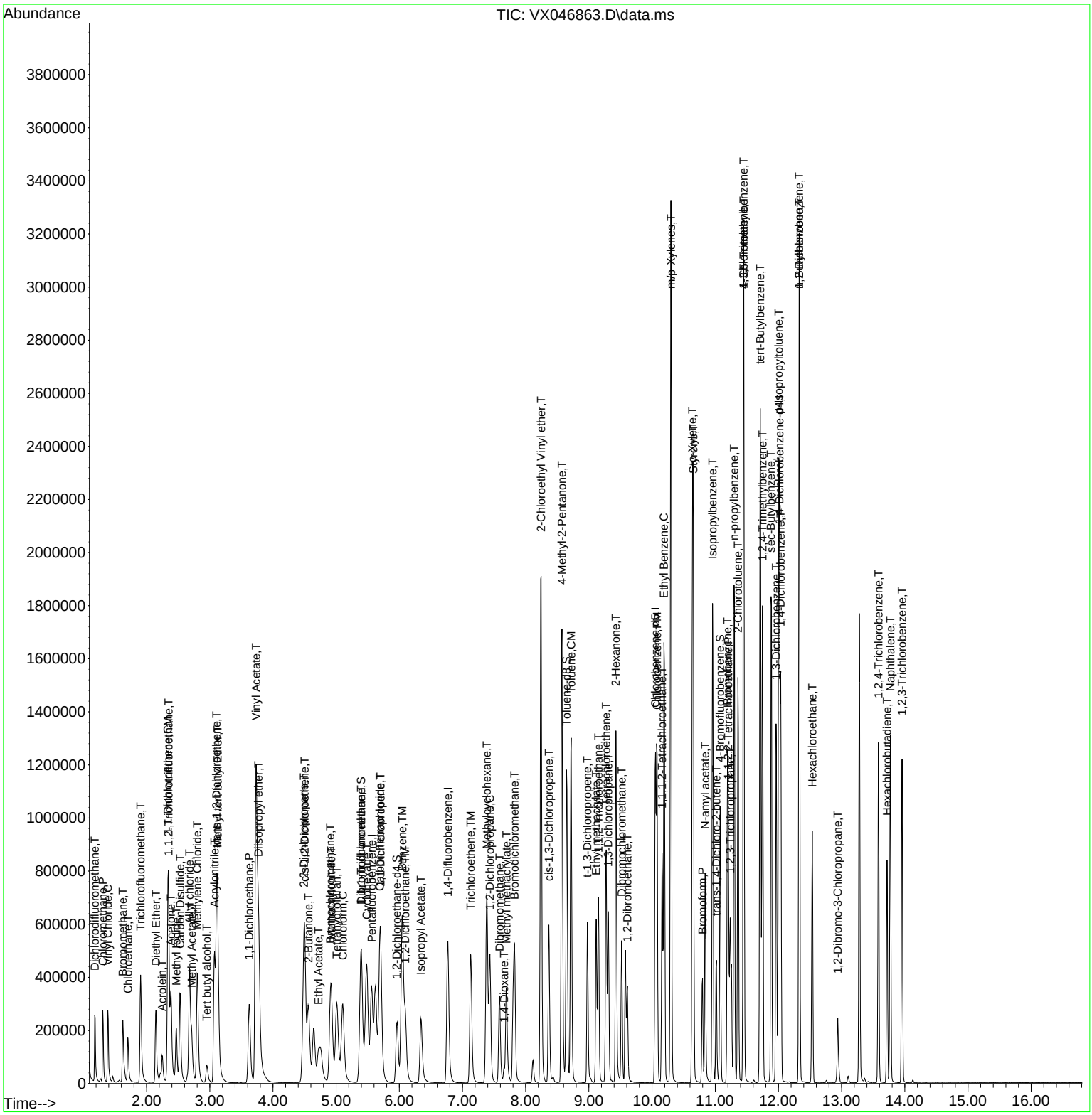
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046863.D
Acq On : 02 Jul 2025 13:39
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 03 05:32:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:21:52 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046864.D
Acq On : 02 Jul 2025 14:10
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 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

Quant Time: Jul 03 05:33:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:21:52 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	360099	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.763	114	591959	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	521464	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	253960	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	461552	97.021	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 194.040%#			
35) Dibromofluoromethane	5.385	113	393465	97.920	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery = 195.840%#			
50) Toluene-d8	8.647	98	1373545	96.884	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 193.760%#			
62) 4-Bromofluorobenzene	11.079	95	513224	95.251	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 190.500%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.179	85	361969	105.107	ug/l	99
3) Chloromethane	1.307	50	391364	104.014	ug/l	98
4) Vinyl Chloride	1.386	62	424193	103.527	ug/l	100
5) Bromomethane	1.618	94	265849	100.979	ug/l	100
6) Chloroethane	1.697	64	260651	96.337	ug/l	99
7) Trichlorofluoromethane	1.904	101	643202	101.523	ug/l	98
8) Diethyl Ether	2.142	74	228526	101.358	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.343	101	412204	102.105	ug/l	99
10) Methyl Iodide	2.465	142	490208	111.457	ug/l	99
11) Tert butyl alcohol	2.953	59	156192	500.607	ug/l	99
12) 1,1-Dichloroethene	2.331	96	393053	100.660	ug/l	97
13) Acrolein	2.245	56	173378	500.012	ug/l	100
14) Allyl chloride	2.672	41	711428	102.334	ug/l	99
15) Acrylonitrile	3.068	53	898537	496.093	ug/l	100
16) Acetone	2.380	43	707647	478.882	ug/l	98
17) Carbon Disulfide	2.526	76	1006664	98.304	ug/l	99
18) Methyl Acetate	2.709	43	410853	105.486	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	1142805	103.638	ug/l	98
20) Methylene Chloride	2.800	84	428892	98.153	ug/l	97
21) trans-1,2-Dichloroethene	3.105	96	396705	99.285	ug/l	97
22) Diisopropyl ether	3.764	45	1387980	103.342	ug/l	97
23) Vinyl Acetate	3.727	43	5276627	524.403	ug/l	100
24) 1,1-Dichloroethane	3.617	63	759957	99.213	ug/l	100
25) 2-Butanone	4.550	43	992659	503.497	ug/l	99
26) 2,2-Dichloropropane	4.483	77	577382	101.283	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	482620	98.931	ug/l	100
28) Bromochloromethane	4.904	49	371458	98.260	ug/l	100
29) Tetrahydrofuran	5.001	42	640795	509.872	ug/l	99
30) Chloroform	5.099	83	757773	96.834	ug/l	100
31) Cyclohexane	5.477	56	667229	98.120	ug/l	100
32) 1,1,1-Trichloroethane	5.391	97	649123	99.286	ug/l	99
36) 1,1-Dichloropropene	5.696	75	514002	94.809	ug/l	99
37) Ethyl Acetate	4.715	43	420101	90.979	ug/l	98
38) Carbon Tetrachloride	5.684	117	567706	97.774	ug/l	98
39) Methylcyclohexane	7.379	83	683852	100.837	ug/l	99
40) Benzene	6.044	78	1589318	96.921	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046864.D
Acq On : 02 Jul 2025 14:10
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 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

Quant Time: Jul 03 05:33:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:21:52 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	261090	105.996	ug/l	99
42) 1,2-Dichloroethane	6.086	62	536004	96.261	ug/l	100
43) Isopropyl Acetate	6.336	43	746174	105.501	ug/l	100
44) Trichloroethene	7.123	130	411222	96.336	ug/l	98
45) 1,2-Dichloropropane	7.427	63	408244	98.538	ug/l	100
46) Dibromomethane	7.580	93	279372	97.324	ug/l	99
47) Bromodichloromethane	7.818	83	601292	98.101	ug/l	98
48) Methyl methacrylate	7.690	41	389200	106.573	ug/l	100
49) 1,4-Dioxane	7.659	88	82890	1958.872	ug/l	97
51) 4-Methyl-2-Pentanone	8.568	43	2089507	500.587	ug/l	99
52) Toluene	8.714	92	984220	96.858	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	580117	106.052	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	650539	104.190	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	367441	97.082	ug/l	98
56) Ethyl methacrylate	9.116	69	554620	105.873	ug/l	99
57) 1,3-Dichloropropane	9.305	76	625220	95.933	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	1541497	522.248	ug/l	100
59) 2-Hexanone	9.427	43	1406681	508.068	ug/l	100
60) Dibromochloromethane	9.519	129	445393	98.331	ug/l	99
61) 1,2-Dibromoethane	9.604	107	375661	98.827	ug/l	99
64) Tetrachloroethene	9.269	164	333229	95.978	ug/l	95
65) Chlorobenzene	10.073	112	1095855	97.200	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	381396	100.632	ug/l	99
67) Ethyl Benzene	10.189	91	1925349	99.720	ug/l	99
68) m/p-Xylenes	10.299	106	1424898	195.851	ug/l	99
69) o-Xylene	10.640	106	691874	98.448	ug/l	99
70) Styrene	10.653	104	1206962	100.381	ug/l	99
71) Bromoform	10.799	173	286378	101.623	ug/l	100
73) Isopropylbenzene	10.957	105	1824241	102.183	ug/l	100
74) N-amyl acetate	10.842	43	661864	109.100	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	477117	97.192	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	401735m	102.378	ug/l	
77) Bromobenzene	11.195	156	441962	99.388	ug/l	98
78) n-propylbenzene	11.299	91	2169188	100.767	ug/l	99
79) 2-Chlorotoluene	11.360	91	1268825	99.822	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	1497082	103.204	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	158326	108.273	ug/l	98
82) 4-Chlorotoluene	11.451	91	1472712	100.402	ug/l	100
83) tert-Butylbenzene	11.713	119	1539450	102.751	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	1488102	101.492	ug/l	97
85) sec-Butylbenzene	11.890	105	1912633	101.251	ug/l	99
86) p-Isopropyltoluene	12.006	119	1605082	101.466	ug/l	100
87) 1,3-Dichlorobenzene	11.963	146	825505	99.260	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	823926	95.192	ug/l	100
89) n-Butylbenzene	12.329	91	1515258	101.944	ug/l	100
90) Hexachloroethane	12.536	117	294961	105.182	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	792536	98.339	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	90270	105.136	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	569410	104.000	ug/l	100
94) Hexachlorobutadiene	13.725	225	207095	100.298	ug/l	99
95) Naphthalene	13.774	128	1572381	108.986	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	543127	104.988	ug/l	98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046864.D
Acq On : 02 Jul 2025 14:10
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 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

Quant Time: Jul 03 05:33:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:21:52 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

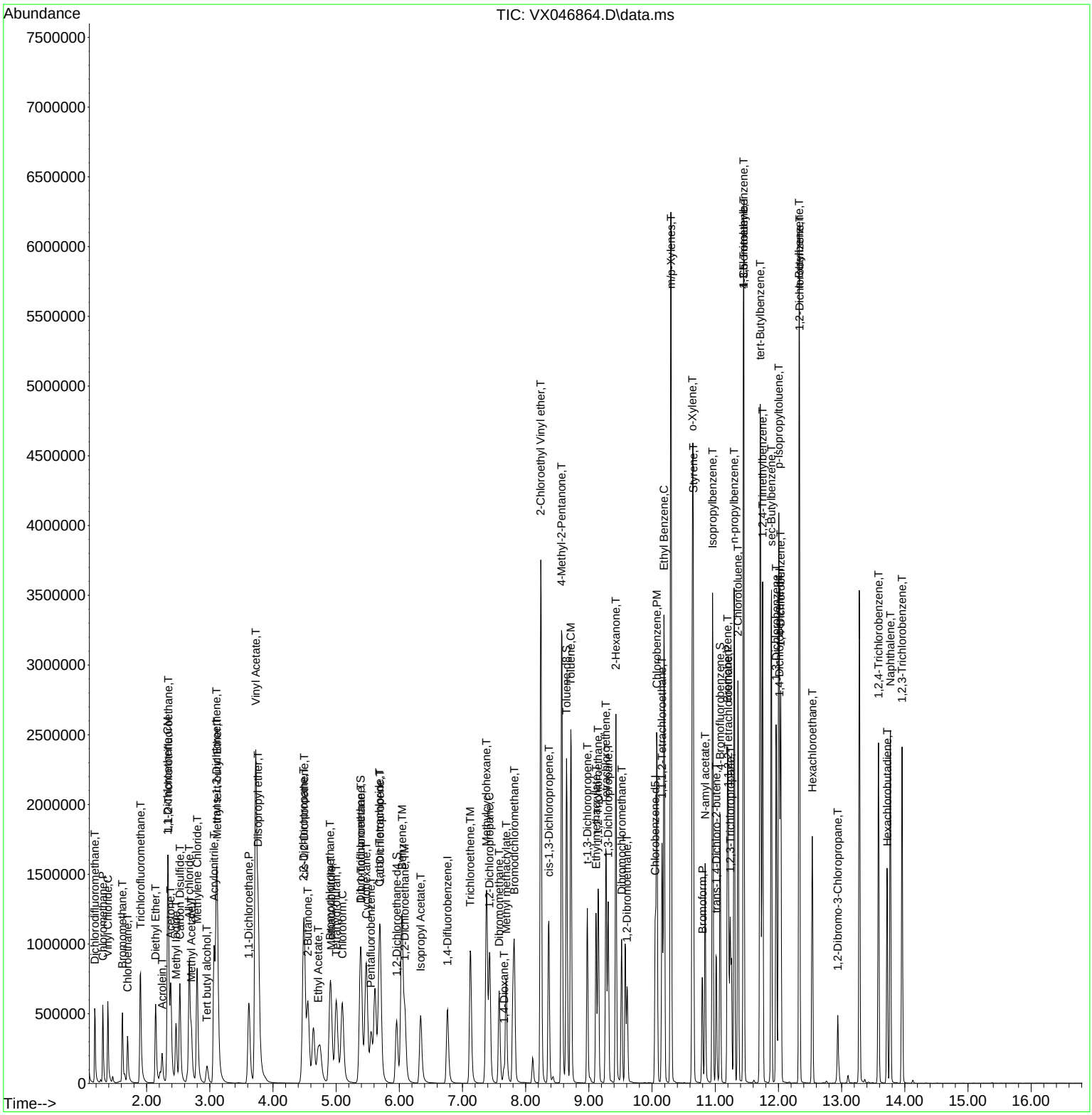
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046864.D
Acq On : 02 Jul 2025 14:10
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 03 05:33:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:21:52 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046865.D
Acq On : 02 Jul 2025 14:31
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 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

Quant Time: Jul 03 05:34:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:21:52 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	337940	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	564585	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	498758	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	240348	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	649303	145.436	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 290.880%#			
35) Dibromofluoromethane	5.391	113	550160	143.554	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 287.100%#			
50) Toluene-d8	8.653	98	1923179	142.230	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 284.460%#			
62) 4-Bromofluorobenzene	11.079	95	721016	140.303	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 280.600%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.179	85	497096	153.809	ug/l	99
3) Chloromethane	1.307	50	537388	152.188	ug/l	98
4) Vinyl Chloride	1.386	62	574277	149.346	ug/l	99
5) Bromomethane	1.611	94	298828	120.949	ug/l	100
6) Chloroethane	1.697	64	358739	141.285	ug/l	99
7) Trichlorofluoromethane	1.904	101	897728	150.988	ug/l	99
8) Diethyl Ether	2.148	74	321838	152.105	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.343	101	569627	150.352	ug/l	99
10) Methyl Iodide	2.465	142	705949	171.034	ug/l	98
11) Tert butyl alcohol	2.965	59	229819	784.885	ug/l	99
12) 1,1-Dichloroethene	2.337	96	547474	149.400	ug/l	97
13) Acrolein	2.245	56	245973	754.434	ug/l	98
14) Allyl chloride	2.678	41	996540	152.745	ug/l	99
15) Acrylonitrile	3.075	53	1288046	757.776	ug/l	99
16) Acetone	2.386	43	1013283	730.677	ug/l	99
17) Carbon Disulfide	2.526	76	1394541	145.111	ug/l	99
18) Methyl Acetate	2.709	43	607185	166.116	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	1637759	158.264	ug/l	98
20) Methylene Chloride	2.800	84	596413	145.441	ug/l	98
21) trans-1,2-Dichloroethene	3.105	96	552703	147.398	ug/l	97
22) Diisopropyl ether	3.770	45	1919430	152.282	ug/l	99
23) Vinyl Acetate	3.733	43	7476523	791.755	ug/l	100
24) 1,1-Dichloroethane	3.623	63	1064068	148.024	ug/l	100
25) 2-Butanone	4.562	43	1449681	783.522	ug/l	100
26) 2,2-Dichloropropane	4.489	77	837466	156.539	ug/l	100
27) cis-1,2-Dichloroethene	4.501	96	674986	147.435	ug/l	100
28) Bromochloromethane	4.910	49	515523	145.311	ug/l	99
29) Tetrahydrofuran	5.007	42	928390	787.145	ug/l	100
30) Chloroform	5.105	83	1064448	144.942	ug/l	100
31) Cyclohexane	5.483	56	939695	147.249	ug/l	100
32) 1,1,1-Trichloroethane	5.391	97	922378	150.332	ug/l	98
36) 1,1-Dichloropropene	5.702	75	739394	142.995	ug/l	99
37) Ethyl Acetate	4.721	43	631521	143.396	ug/l	98
38) Carbon Tetrachloride	5.684	117	809906	146.250	ug/l	98
39) Methylcyclohexane	7.385	83	974901	150.724	ug/l	99
40) Benzene	6.043	78	2243029	143.418	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046865.D
Acq On : 02 Jul 2025 14:31
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 03 05:34:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:21:52 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	375761	159.945	ug/l	99
42) 1,2-Dichloroethane	6.092	62	756183	142.387	ug/l	100
43) Isopropyl Acetate	6.342	43	1104335	163.711	ug/l	100
44) Trichloroethene	7.129	130	583397	143.298	ug/l	97
45) 1,2-Dichloropropane	7.433	63	579224	146.587	ug/l	99
46) Dibromomethane	7.586	93	401338	146.592	ug/l	99
47) Bromodichloromethane	7.824	83	858188	146.803	ug/l	99
48) Methyl methacrylate	7.696	41	580607	166.693	ug/l	99
49) 1,4-Dioxane	7.665	88	122695	3040.136	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	3026947	760.332	ug/l	98
52) Toluene	8.720	92	1394797	143.918	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	853017	163.503	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	939003	157.682	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	521889	144.574	ug/l	98
56) Ethyl methacrylate	9.116	69	816206	163.362	ug/l	100
57) 1,3-Dichloropropane	9.305	76	893213	143.699	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	2192288	778.743	ug/l	100
59) 2-Hexanone	9.427	43	2051712	776.972	ug/l	100
60) Dibromochloromethane	9.518	129	637739	147.623	ug/l	99
61) 1,2-Dibromoethane	9.610	107	536592	148.009	ug/l	100
64) Tetrachloroethene	9.275	164	475745	143.265	ug/l	96
65) Chlorobenzene	10.079	112	1563433	144.986	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	548552	151.325	ug/l	100
67) Ethyl Benzene	10.195	91	2729559	147.809	ug/l	98
68) m/p-Xylenes	10.299	106	2009645	288.799	ug/l	99
69) o-Xylene	10.640	106	987134	146.856	ug/l	99
70) Styrene	10.652	104	1697064	147.567	ug/l	98
71) Bromoform	10.799	173	411264	152.584	ug/l	97
73) Isopropylbenzene	10.963	105	2588441	153.200	ug/l	100
74) N-amyl acetate	10.841	43	986018	171.738	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	698105	150.263	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	567147m	152.717	ug/l	
77) Bromobenzene	11.195	156	628974	149.454	ug/l	99
78) n-propylbenzene	11.305	91	3052066	149.810	ug/l	99
79) 2-Chlorotoluene	11.360	91	1784161	148.315	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	2088013	152.092	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	239775	173.259	ug/l	95
82) 4-Chlorotoluene	11.451	91	2061746	148.519	ug/l	99
83) tert-Butylbenzene	11.713	119	2164507	152.653	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	2118023	152.635	ug/l	97
85) sec-Butylbenzene	11.890	105	2681731	150.005	ug/l	99
86) p-Isopropyltoluene	12.006	119	2218491	148.186	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	1167669	148.354	ug/l	98
88) 1,4-Dichlorobenzene	12.036	146	1176579	143.634	ug/l	99
89) n-Butylbenzene	12.329	91	2101194	149.371	ug/l	99
90) Hexachloroethane	12.536	117	424369	159.899	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	1117598	146.526	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	138617	170.588	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	825907	159.391	ug/l	99
94) Hexachlorobutadiene	13.725	225	296507	151.734	ug/l	99
95) Naphthalene	13.774	128	2359854	172.832	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	792593	161.887	ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046865.D
Acq On : 02 Jul 2025 14:31
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 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

Quant Time: Jul 03 05:34:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:21:52 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

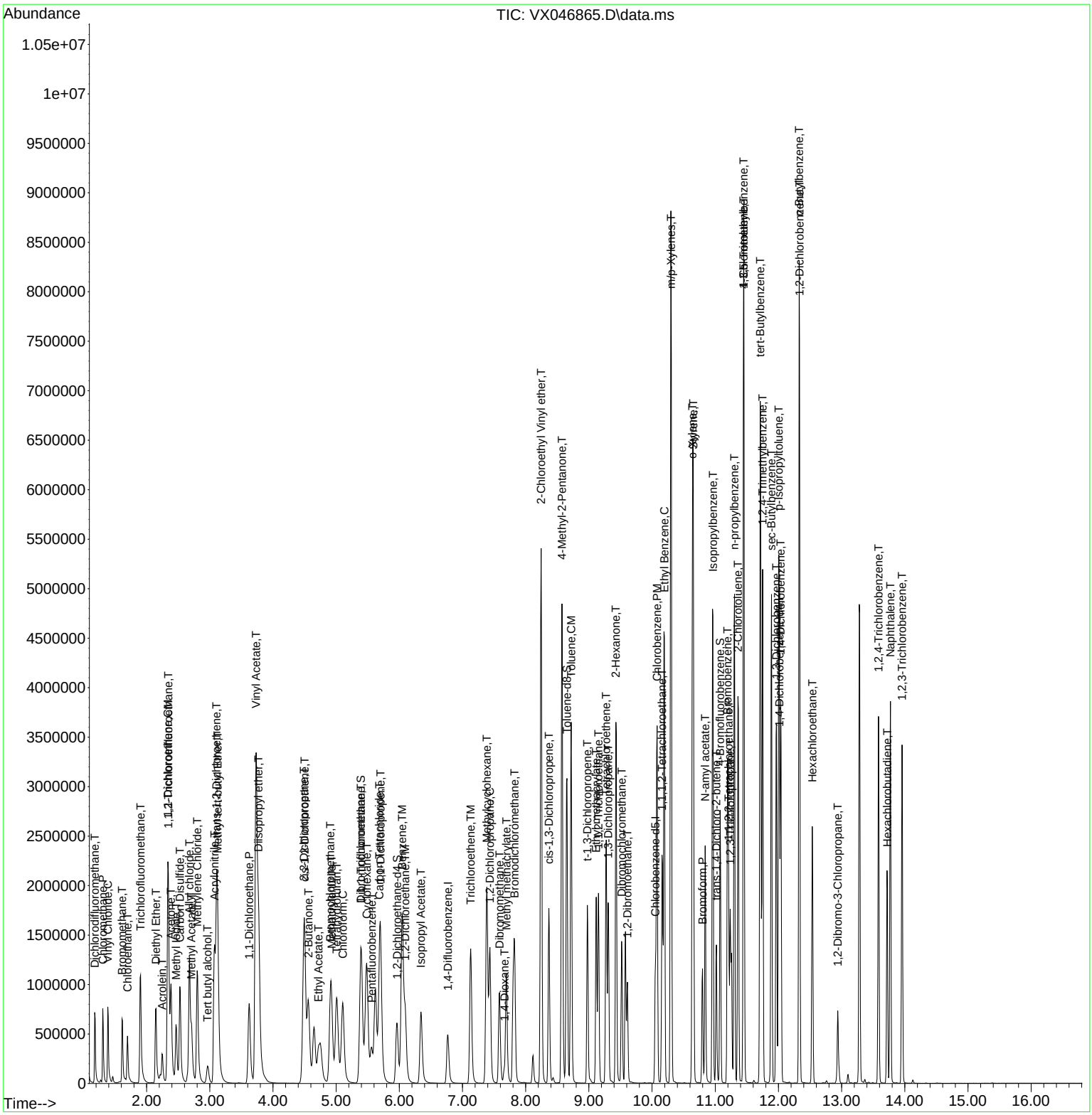
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046865.D
Acq On : 02 Jul 2025 14:31
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 03 05:34:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:21:52 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046867.D
Acq On : 02 Jul 2025 15:14
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX070225

Manual Integrations APPROVED

Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

Quant Time: Jul 03 05:55:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	376229	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	610660	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	549326	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	275295	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	242648	48.819	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 97.640%			
35) Dibromofluoromethane	5.397	113	208822	50.377	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.760%			
50) Toluene-d8	8.647	98	731941	50.047	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.100%			
62) 4-Bromofluorobenzene	11.079	95	282463	50.818	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.640%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.179	85	178684	49.661	ug/l	98
3) Chloromethane	1.307	50	192497	48.967	ug/l	100
4) Vinyl Chloride	1.386	62	208626	48.733	ug/l	99
5) Bromomethane	1.624	94	141065	51.285	ug/l	97
6) Chloroethane	1.703	64	132155	46.751	ug/l	100
7) Trichlorofluoromethane	1.904	101	326501	49.325	ug/l	98
8) Diethyl Ether	2.148	74	117004	49.670	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.349	101	208780	49.499	ug/l	100
10) Methyl Iodide	2.471	142	229855	50.021	ug/l	97
11) Tert butyl alcohol	2.953	59	86884	266.531	ug/l	100
12) 1,1-Dichloroethene	2.337	96	197950	48.521	ug/l	99
13) Acrolein	2.252	56	87230	242.250	ug/l	98
14) Allyl chloride	2.678	41	359895	49.549	ug/l	99
15) Acrylonitrile	3.075	53	482124	255.809	ug/l	99
16) Acetone	2.386	43	376127	243.622	ug/l	97
17) Carbon Disulfide	2.532	76	501161	46.842	ug/l	100
18) Methyl Acetate	2.715	43	217113	53.354	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	601377	52.199	ug/l	99
20) Methylene Chloride	2.800	84	224143	49.097	ug/l	97
21) trans-1,2-Dichloroethene	3.105	96	205950	49.334	ug/l	99
22) Diisopropyl ether	3.770	45	723627	51.568	ug/l	97
23) Vinyl Acetate	3.733	43	2777219	264.173	ug/l	99
24) 1,1-Dichloroethane	3.623	63	395739	49.449	ug/l	99
25) 2-Butanone	4.562	43	538755	261.552	ug/l	98
26) 2,2-Dichloropropane	4.489	77	293933	49.351	ug/l	100
27) cis-1,2-Dichloroethene	4.501	96	247860	48.630	ug/l	99
28) Bromochloromethane	4.910	49	198401	50.232	ug/l	98
29) Tetrahydrofuran	5.013	42	350947	267.272	ug/l	99
30) Chloroform	5.105	83	395292	48.348	ug/l	100
31) Cyclohexane	5.483	56	350463	49.328	ug/l	97
32) 1,1,1-Trichloroethane	5.397	97	335397	49.101	ug/l	99
36) 1,1-Dichloropropene	5.702	75	275506	49.261	ug/l	100
37) Ethyl Acetate	4.721	43	229364	48.151	ug/l	100
38) Carbon Tetrachloride	5.690	117	291659	49.327	ug/l	99
39) Methylcyclohexane	7.385	83	355028	50.747	ug/l	98
40) Benzene	6.050	78	835235	49.375	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046867.D
Acq On : 02 Jul 2025 15:14
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX070225

Manual Integrations APPROVED

Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

Quant Time: Jul 03 05:55:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.928	41	137841	54.246	ug/l		98
42) 1,2-Dichloroethane	6.092	62	282094	49.110	ug/l		100
43) Isopropyl Acetate	6.342	43	390969	53.586	ug/l		99
44) Trichloroethene	7.129	130	212780	48.321	ug/l		100
45) 1,2-Dichloropropane	7.434	63	213351	49.920	ug/l		98
46) Dibromomethane	7.586	93	146563	49.494	ug/l		100
47) Bromodichloromethane	7.824	83	313088	49.516	ug/l		97
48) Methyl methacrylate	7.696	41	206773	54.886	ug/l		99
49) 1,4-Dioxane	7.659	88	47208	1081.463	ug/l		98
51) 4-Methyl-2-Pentanone	8.574	43	1163206	270.137	ug/l		100
52) Toluene	8.720	92	524414	50.028	ug/l		98
53) t-1,3-Dichloropropene	8.976	75	298344	52.871	ug/l		100
54) cis-1,3-Dichloropropene	8.366	75	334998	52.010	ug/l		99
55) 1,1,2-Trichloroethane	9.153	97	194738	49.876	ug/l		98
56) Ethyl methacrylate	9.116	69	294579	54.511	ug/l		99
57) 1,3-Dichloropropane	9.305	76	334325	49.728	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.245	63	817519	268.488	ug/l		100
59) 2-Hexanone	9.427	43	792449	277.453	ug/l		100
60) Dibromochloromethane	9.519	129	234044	50.089	ug/l		99
61) 1,2-Dibromoethane	9.610	107	200842	51.219	ug/l		100
64) Tetrachloroethene	9.275	164	174726	47.773	ug/l		93
65) Chlorobenzene	10.080	112	584424	49.208	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.159	131	199525	49.975	ug/l		99
67) Ethyl Benzene	10.189	91	1013473	49.829	ug/l		99
68) m/p-Xylenes	10.299	106	760571	99.238	ug/l		100
69) o-Xylene	10.640	106	368751	49.809	ug/l		99
70) Styrene	10.653	104	644744	50.903	ug/l		100
71) Bromoform	10.799	173	147395	49.651	ug/l	#	99
73) Isopropylbenzene	10.957	105	981991	50.742	ug/l		100
74) N-amyl acetate	10.842	43	359547	54.674	ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.207	83	269327	50.612	ug/l		100
76) 1,2,3-Trichloropropane	11.238	75	218733m	51.422	ug/l		
77) Bromobenzene	11.195	156	237950	49.363	ug/l		99
78) n-propylbenzene	11.299	91	1172148	50.231	ug/l		100
79) 2-Chlorotoluene	11.360	91	678845	49.268	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	808534	51.418	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	82807	52.240	ug/l		99
82) 4-Chlorotoluene	11.451	91	802710	50.483	ug/l		100
83) tert-Butylbenzene	11.713	119	826920	50.916	ug/l		100
84) 1,2,4-Trimethylbenzene	11.750	105	801503	50.428	ug/l		100
85) sec-Butylbenzene	11.890	105	1032626	50.429	ug/l		100
86) p-Isopropyltoluene	12.006	119	867283	50.577	ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	446776	49.558	ug/l		99
88) 1,4-Dichlorobenzene	12.037	146	448682	47.821	ug/l		99
89) n-Butylbenzene	12.329	91	817746	50.753	ug/l		99
90) Hexachloroethane	12.536	117	151888	49.965	ug/l		99
91) 1,2-Dichlorobenzene	12.335	146	424172	48.553	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	48557	52.171	ug/l		98
93) 1,2,4-Trichlorobenzene	13.585	180	301081	50.729	ug/l		99
94) Hexachlorobutadiene	13.719	225	117882	52.667	ug/l		99
95) Naphthalene	13.774	128	844747	54.014	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	285334	50.881	ug/l		98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046867.D
Acq On : 02 Jul 2025 15:14
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX070225

Manual Integrations APPROVED

Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

Quant Time: Jul 03 05:55:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 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

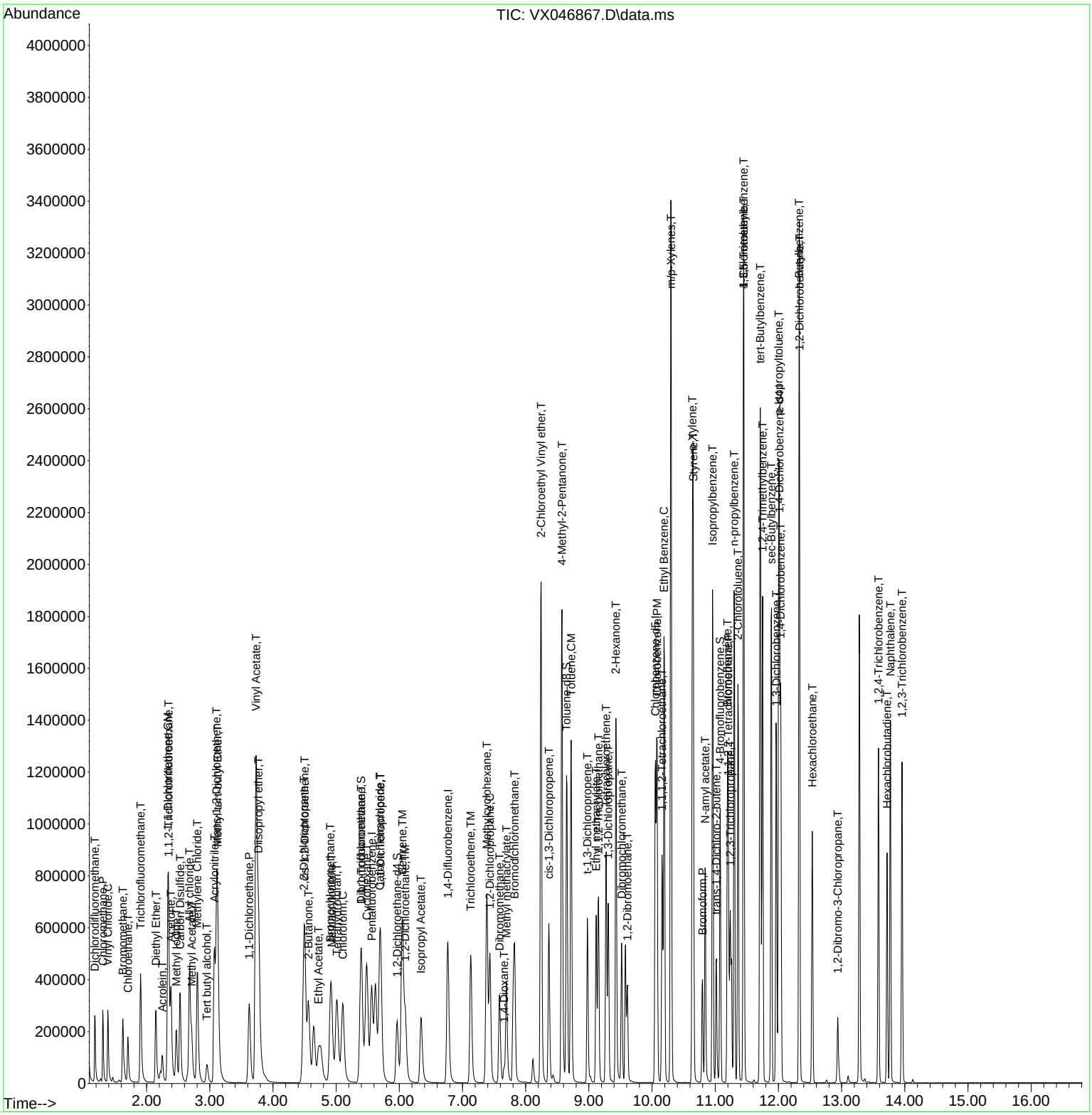
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046867.D
Acq On : 02 Jul 2025 15:14
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 03 05:55:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
ICVVX070225

Manual Integrations APPROVED

Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046867.D
Acq On : 02 Jul 2025 15:14
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX070225

Quant Time: Jul 03 05:55:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	1.000	1.000	0.0	102	0.00
2	T	Dichlorodifluoromethane	0.478	0.475	0.6	100	0.00
3	P	Chloromethane	0.522	0.512	1.9	103	0.00
4	C	Vinyl Chloride	0.569	0.555	2.5#	103	0.00
5	T	Bromomethane	0.366	0.375	-2.5	107	0.00
6	T	Chloroethane	0.376	0.351	6.6	104	0.00
7	T	Trichlorofluoromethane	0.880	0.868	1.4	103	0.00
8	T	Diethyl Ether	0.313	0.311	0.6	104	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.561	0.555	1.1	103	0.00
10	T	Methyl Iodide	0.611	0.611	0.0	99	0.00
11	T	Tert butyl alcohol	0.043	0.046	-7.0	112	0.00
12	CM	1,1-Dichloroethene	0.542	0.526	3.0#	103	0.00
13	T	Acrolein	0.052	0.046	11.5	104	0.00
14	T	Allyl chloride	0.965	0.957	0.8	104	0.00
15	T	Acrylonitrile	0.250	0.256	-2.4	106	0.00
16	T	Acetone	0.205	0.200	2.4	106	0.00
17	T	Carbon Disulfide	1.422	1.332	6.3	101	0.00
18	T	Methyl Acetate	0.541	0.577	-6.7	107	0.00
19	T	Methyl tert-butyl Ether	1.531	1.598	-4.4	107	0.00
20	T	Methylene Chloride	0.607	0.596	1.8	104	0.00
21	T	trans-1,2-Dichloroethene	0.555	0.547	1.4	103	0.00
22	T	Diisopropyl ether	1.865	1.923	-3.1	103	0.00
23	T	Vinyl Acetate	1.397	1.476	-5.7	106	0.00
24	P	1,1-Dichloroethane	1.064	1.052	1.1	103	0.00
25	T	2-Butanone	0.274	0.286	-4.4	106	0.00
26	T	2,2-Dichloropropane	0.792	0.781	1.4	105	0.00
27	T	cis-1,2-Dichloroethene	0.677	0.659	2.7	102	0.00
28	T	Bromochloromethane	0.525	0.527	-0.4	102	0.00
29	T	Tetrahydrofuran	0.175	0.187	-6.9	109	0.00
30	C	Chloroform	1.087	1.051	3.3#	102	0.00
31	T	Cyclohexane	0.944	0.932	1.3	104	0.00
32	T	1,1,1-Trichloroethane	0.908	0.891	1.9	103	0.00
33	S	1,2-Dichloroethane-d4	0.661	0.645	2.4	102	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	102	0.00
35	S	Dibromofluoromethane	0.339	0.342	-0.9	102	0.00
36	T	1,1-Dichloropropene	0.458	0.451	1.5	104	0.00
37	T	Ethyl Acetate	0.390	0.376	3.6	106	0.00
38	T	Carbon Tetrachloride	0.484	0.478	1.2	102	0.00
39	T	Methylcyclohexane	0.573	0.581	-1.4	104	0.00
40	TM	Benzene	1.385	1.368	1.2	102	0.00
41	T	Methacrylonitrile	0.208	0.226	-8.7	108	0.00
42	TM	1,2-Dichloroethane	0.470	0.462	1.7	102	0.00
43	T	Isopropyl Acetate	0.597	0.640	-7.2	105	0.00
44	TM	Trichloroethene	0.361	0.348	3.6	103	0.00
45	C	1,2-Dichloropropane	0.350	0.349	0.3#	103	0.00
46	T	Dibromomethane	0.242	0.240	0.8	102	0.00
47	T	Bromodichloromethane	0.518	0.513	1.0	102	0.00
48	T	Methyl methacrylate	0.308	0.339	-10.1	107	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046867.D
Acq On : 02 Jul 2025 15:14
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX070225

Quant Time: Jul 03 05:55:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.004	0.004	0.0	108	0.00
50	S	Toluene-d8	1.197	1.199	-0.2	102	0.00
51	T	4-Methyl-2-Pentanone	0.353	0.381	-7.9	106	0.00
52	CM	Toluene	0.858	0.859	-0.1#	104	0.00
53	T	t-1,3-Dichloropropene	0.462	0.489	-5.8	105	0.00
54	T	cis-1,3-Dichloropropene	0.527	0.549	-4.2	104	0.00
55	T	1,1,2-Trichloroethane	0.320	0.319	0.3	102	0.00
56	T	Ethyl methacrylate	0.442	0.482	-9.0	107	0.00
57	T	1,3-Dichloropropane	0.550	0.547	0.5	103	0.00
58	T	2-Chloroethyl Vinyl ether	0.249	0.268	-7.6	102	0.00
59	T	2-Hexanone	0.234	0.260	-11.1	107	0.00
60	T	Dibromochloromethane	0.383	0.383	0.0	103	0.00
61	T	1,2-Dibromoethane	0.321	0.329	-2.5	104	0.00
62	S	4-Bromofluorobenzene	0.455	0.463	-1.8	103	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	102	0.00
64	T	Tetrachloroethene	0.333	0.318	4.5	103	0.00
65	PM	Chlorobenzene	1.081	1.064	1.6	103	0.00
66	T	1,1,1,2-Tetrachloroethane	0.363	0.363	0.0	103	0.00
67	C	Ethyl Benzene	1.851	1.845	0.3#	103	0.00
68	T	m/p-Xylenes	0.698	0.692	0.9	102	0.00
69	T	o-Xylene	0.674	0.671	0.4	103	0.00
70	T	Styrene	1.153	1.174	-1.8	102	0.00
71	P	Bromoform	0.270	0.268	0.7	101	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	103	0.00
73	T	Isopropylbenzene	3.515	3.567	-1.5	102	0.00
74	T	N-amyl acetate	1.194	1.306	-9.4	106	0.00
75	P	1,1,2,2-Tetrachloroethane	0.966	0.978	-1.2	105	0.00
76	T	1,2,3-Trichloropropane	0.773	0.795	-2.8	104	0.00
77	T	Bromobenzene	0.875	0.864	1.3	102	0.00
78	T	n-propylbenzene	4.238	4.258	-0.5	102	0.00
79	T	2-Chlorotoluene	2.503	2.466	1.5	102	0.00
80	T	1,3,5-Trimethylbenzene	2.856	2.937	-2.8	104	0.00
81	T	trans-1,4-Dichloro-2-butene	0.288	0.301	-4.5	106	0.00
82	T	4-Chlorotoluene	2.888	2.916	-1.0	103	0.00
83	T	tert-Butylbenzene	2.950	3.004	-1.8	103	0.00
84	T	1,2,4-Trimethylbenzene	2.887	2.911	-0.8	102	0.00
85	T	sec-Butylbenzene	3.719	3.751	-0.9	102	0.00
86	T	p-Isopropyltoluene	3.114	3.150	-1.2	103	0.00
87	T	1,3-Dichlorobenzene	1.637	1.623	0.9	103	0.00
88	T	1,4-Dichlorobenzene	1.704	1.630	4.3	103	0.00
89	T	n-Butylbenzene	2.926	2.970	-1.5	103	0.00
90	T	Hexachloroethane	0.552	0.552	0.0	103	0.00
91	T	1,2-Dichlorobenzene	1.587	1.541	2.9	101	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.169	0.176	-4.1	107	0.00
93	T	1,2,4-Trichlorobenzene	1.078	1.094	-1.5	104	0.00
94	T	Hexachlorobutadiene	0.407	0.428	-5.2	108	0.00
95	T	Naphthalene	2.840	3.069	-8.1	104	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046867.D
Acq On : 02 Jul 2025 15:14
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX070225

Quant Time: Jul 03 05:55:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	1.019	1.036	-1.7	102	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\VX070225\
Data File : VX046867.D
Acq On : 02 Jul 2025 15:14
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX070225

Quant Time: Jul 03 05:55:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

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

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	50.000	50.000	0.0	102	0.00
2	T	Dichlorodifluoromethane	50.000	49.661	0.7	100	0.00
3	P	Chloromethane	50.000	48.967	2.1	103	0.00
4	C	Vinyl Chloride	50.000	48.733	2.5#	103	0.00
5	T	Bromomethane	50.000	51.285	-2.6	107	0.00
6	T	Chloroethane	50.000	46.751	6.5	104	0.00
7	T	Trichlorofluoromethane	50.000	49.325	1.3	103	0.00
8	T	Diethyl Ether	50.000	49.670	0.7	104	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	49.499	1.0	103	0.00
10	T	Methyl Iodide	50.000	50.021	-0.0	99	0.00
11	T	Tert butyl alcohol	250.000	266.531	-6.6	112	0.00
12	CM	1,1-Dichloroethene	50.000	48.521	3.0#	103	0.00
13	T	Acrolein	250.000	242.250	3.1	104	0.00
14	T	Allyl chloride	50.000	49.549	0.9	104	0.00
15	T	Acrylonitrile	250.000	255.809	-2.3	106	0.00
16	T	Acetone	250.000	243.622	2.6	106	0.00
17	T	Carbon Disulfide	50.000	46.842	6.3	101	0.00
18	T	Methyl Acetate	50.000	53.354	-6.7	107	0.00
19	T	Methyl tert-butyl Ether	50.000	52.199	-4.4	107	0.00
20	T	Methylene Chloride	50.000	49.097	1.8	104	0.00
21	T	trans-1,2-Dichloroethene	50.000	49.334	1.3	103	0.00
22	T	Diisopropyl ether	50.000	51.568	-3.1	103	0.00
23	T	Vinyl Acetate	250.000	264.173	-5.7	106	0.00
24	P	1,1-Dichloroethane	50.000	49.449	1.1	103	0.00
25	T	2-Butanone	250.000	261.552	-4.6	106	0.00
26	T	2,2-Dichloropropane	50.000	49.351	1.3	105	0.00
27	T	cis-1,2-Dichloroethene	50.000	48.630	2.7	102	0.00
28	T	Bromochloromethane	50.000	50.232	-0.5	102	0.00
29	T	Tetrahydrofuran	250.000	267.272	-6.9	109	0.00
30	C	Chloroform	50.000	48.348	3.3#	102	0.00
31	T	Cyclohexane	50.000	49.328	1.3	104	0.00
32	T	1,1,1-Trichloroethane	50.000	49.101	1.8	103	0.00
33	S	1,2-Dichloroethane-d4	50.000	48.819	2.4	102	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	102	0.00
35	S	Dibromofluoromethane	50.000	50.377	-0.8	102	0.00
36	T	1,1-Dichloropropene	50.000	49.261	1.5	104	0.00
37	T	Ethyl Acetate	50.000	48.151	3.7	106	0.00
38	T	Carbon Tetrachloride	50.000	49.327	1.3	102	0.00
39	T	Methylcyclohexane	50.000	50.747	-1.5	104	0.00
40	TM	Benzene	50.000	49.375	1.3	102	0.00
41	T	Methacrylonitrile	50.000	54.246	-8.5	108	0.00
42	TM	1,2-Dichloroethane	50.000	49.110	1.8	102	0.00
43	T	Isopropyl Acetate	50.000	53.586	-7.2	105	0.00
44	TM	Trichloroethene	50.000	48.321	3.4	103	0.00
45	C	1,2-Dichloropropane	50.000	49.920	0.2#	103	0.00
46	T	Dibromomethane	50.000	49.494	1.0	102	0.00
47	T	Bromodichloromethane	50.000	49.516	1.0	102	0.00
48	T	Methyl methacrylate	50.000	54.886	-9.8	107	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046867.D
Acq On : 02 Jul 2025 15:14
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX070225

Quant Time: Jul 03 05:55:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

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

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1081.463	-8.1	108	0.00
50	S	Toluene-d8	50.000	50.047	-0.1	102	0.00
51	T	4-Methyl-2-Pentanone	250.000	270.137	-8.1	106	0.00
52	CM	Toluene	50.000	50.028	-0.1#	104	0.00
53	T	t-1,3-Dichloropropene	50.000	52.871	-5.7	105	0.00
54	T	cis-1,3-Dichloropropene	50.000	52.010	-4.0	104	0.00
55	T	1,1,2-Trichloroethane	50.000	49.876	0.2	102	0.00
56	T	Ethyl methacrylate	50.000	54.511	-9.0	107	0.00
57	T	1,3-Dichloropropane	50.000	49.728	0.5	103	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	268.488	-7.4	102	0.00
59	T	2-Hexanone	250.000	277.453	-11.0	107	0.00
60	T	Dibromochloromethane	50.000	50.089	-0.2	103	0.00
61	T	1,2-Dibromoethane	50.000	51.219	-2.4	104	0.00
62	S	4-Bromofluorobenzene	50.000	50.818	-1.6	103	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	102	0.00
64	T	Tetrachloroethene	50.000	47.773	4.5	103	0.00
65	PM	Chlorobenzene	50.000	49.208	1.6	103	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	49.975	0.0	103	0.00
67	C	Ethyl Benzene	50.000	49.829	0.3#	103	0.00
68	T	m/p-Xylenes	100.000	99.238	0.8	102	0.00
69	T	o-Xylene	50.000	49.809	0.4	103	0.00
70	T	Styrene	50.000	50.903	-1.8	102	0.00
71	P	Bromoform	50.000	49.651	0.7	101	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	103	0.00
73	T	Isopropylbenzene	50.000	50.742	-1.5	102	0.00
74	T	N-amyl acetate	50.000	54.674	-9.3	106	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	50.612	-1.2	105	0.00
76	T	1,2,3-Trichloropropane	50.000	51.422	-2.8	104	0.00
77	T	Bromobenzene	50.000	49.363	1.3	102	0.00
78	T	n-propylbenzene	50.000	50.231	-0.5	102	0.00
79	T	2-Chlorotoluene	50.000	49.268	1.5	102	0.00
80	T	1,3,5-Trimethylbenzene	50.000	51.418	-2.8	104	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	52.240	-4.5	106	0.00
82	T	4-Chlorotoluene	50.000	50.483	-1.0	103	0.00
83	T	tert-Butylbenzene	50.000	50.916	-1.8	103	0.00
84	T	1,2,4-Trimethylbenzene	50.000	50.428	-0.9	102	0.00
85	T	sec-Butylbenzene	50.000	50.429	-0.9	102	0.00
86	T	p-Isopropyltoluene	50.000	50.577	-1.2	103	0.00
87	T	1,3-Dichlorobenzene	50.000	49.558	0.9	103	0.00
88	T	1,4-Dichlorobenzene	50.000	47.821	4.4	103	0.00
89	T	n-Butylbenzene	50.000	50.753	-1.5	103	0.00
90	T	Hexachloroethane	50.000	49.965	0.1	103	0.00
91	T	1,2-Dichlorobenzene	50.000	48.553	2.9	101	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	52.171	-4.3	107	0.00
93	T	1,2,4-Trichlorobenzene	50.000	50.729	-1.5	104	0.00
94	T	Hexachlorobutadiene	50.000	52.667	-5.3	108	0.00
95	T	Naphthalene	50.000	54.014	-8.0	104	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046867.D
Acq On : 02 Jul 2025 15:14
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX070225

Quant Time: Jul 03 05:55:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.881	-1.8	102	0.00

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

Raw Data: **VX046869.D**

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: M2AS01
Lab Code: ACE
SDG No.: Q2455
Instrument ID: MSVOA_X
Calibration Date/Time: 07/03/2025 08:19
Lab File ID: VX046869.D
Init. Calib. Date(s): 07/02/2025 07/02/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 12:11 14:31
GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.478	0.537		12.34	20
Chloromethane	0.522	0.558	0.1	6.9	20
Vinyl Chloride	0.569	0.604		6.15	20
Bromomethane	0.366	0.389		6.28	20
Chloroethane	0.376	0.375		-0.27	20
Trichlorofluoromethane	0.880	0.928		5.45	20
1,1,2-Trichlorotrifluoroethane	0.561	0.587		4.64	20
Tert butyl alcohol	0.043	0.039		-9.3	20
1,1-Dichloroethene	0.542	0.555		2.4	20
Acetone	0.205	0.211		2.93	20
Carbon Disulfide	1.422	1.427		0.35	20
Methyl tert-butyl Ether	1.531	1.544		0.85	20
Methyl Acetate	0.541	0.539		-0.37	20
Methylene Chloride	0.607	0.613		0.99	20
trans-1,2-Dichloroethene	0.555	0.565		1.8	20
1,1-Dichloroethane	1.064	1.066	0.1	0.19	20
Cyclohexane	0.944	0.920		-2.54	20
2-Butanone	0.274	0.255		-6.93	20
Carbon Tetrachloride	0.484	0.485		0.21	20
cis-1,2-Dichloroethene	0.677	0.672		-0.74	20
Bromochloromethane	0.525	0.520		-0.95	20
Chloroform	1.087	1.054		-3.04	20
1,1,1-Trichloroethane	0.908	0.890		-1.98	20
Methylcyclohexane	0.573	0.568		-0.87	20
Benzene	1.385	1.373		-0.87	20
1,2-Dichloroethane	0.470	0.464		-1.28	20
Trichloroethene	0.361	0.350		-3.05	20
1,2-Dichloropropane	0.350	0.343		-2	20
Bromodichloromethane	0.518	0.510		-1.54	20
4-Methyl-2-Pentanone	0.353	0.332		-5.95	20
Toluene	0.858	0.841		-1.98	20
t-1,3-Dichloropropene	0.462	0.460		-0.43	20
cis-1,3-Dichloropropene	0.527	0.530		0.57	20
1,1,2-Trichloroethane	0.320	0.308		-3.75	20
2-Hexanone	0.234	0.224		-4.27	20
Dibromochloromethane	0.383	0.374		-2.35	20
1,2-Dibromoethane	0.321	0.309		-3.74	20
Tetrachloroethene	0.333	0.324		-2.7	20

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

Raw Data: **VX046869.D**

Alliance TECHNICAL GROUP

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: M2AS01
Lab Code: ACE
SDG No.: Q2455
Instrument ID: MSVOA_X
Calibration Date/Time: 07/03/2025 08:19
Lab File ID: VX046869.D
Init. Calib. Date(s): 07/02/2025 07/02/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 12:11 14:31
GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Chlorobenzene	1.081	1.046	0.3	-3.24	20
Ethyl Benzene	1.851	1.835		-0.86	20
m/p-Xylenes	0.698	0.690		-1.15	20
o-Xylene	0.674	0.666		-1.19	20
Styrene	1.153	1.148		-0.43	20
Bromoform	0.270	0.264	0.1	-2.22	20
Isopropylbenzene	3.515	3.558		1.22	20
1,1,2,2-Tetrachloroethane	0.966	0.901	0.3	-6.73	20
1,3-Dichlorobenzene	1.637	1.599		-2.32	20
1,4-Dichlorobenzene	1.704	1.592		-6.57	20
1,2-Dichlorobenzene	1.587	1.508		-4.98	20
1,2-Dibromo-3-Chloropropane	0.169	0.156		-7.69	20
1,2,4-Trichlorobenzene	1.078	1.054		-2.23	20
1,2,3-Trichlorobenzene	1.019	0.991		-2.75	20
1,2-Dichloroethane-d4	0.661	0.644		-2.57	20
Dibromofluoromethane	0.339	0.351		3.54	20
Toluene-d8	1.197	1.191		-0.5	20
4-Bromofluorobenzene	0.455	0.447		-1.76	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\VX070325\
Data File : VX046869.D
Acq On : 03 Jul 2025 08:19
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 04 01:22:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	416385	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	663948	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	582621	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	287854	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	268159	48.749	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 97.500%			
35) Dibromofluoromethane	5.391	113	233072	51.715	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.420%			
50) Toluene-d8	8.647	98	790622	49.721	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.440%			
62) 4-Bromofluorobenzene	11.079	95	297077	49.157	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.320%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	223770	56.194	ug/l	98
3) Chloromethane	1.307	50	232406	53.418	ug/l	97
4) Vinyl Chloride	1.386	62	251664	53.117	ug/l	97
5) Bromomethane	1.624	94	161842	53.164	ug/l	98
6) Chloroethane	1.703	64	156188	49.924	ug/l	98
7) Trichlorofluoromethane	1.904	101	386398	52.745	ug/l	98
8) Diethyl Ether	2.142	74	134606	51.632	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.343	101	244471	52.371	ug/l	99
10) Methyl Iodide	2.465	142	268151	52.727	ug/l	99
11) Tert butyl alcohol	2.947	59	80926	224.312	ug/l	100
12) 1,1-Dichloroethene	2.337	96	230895	51.138	ug/l	97
13) Acrolein	2.246	56	107635	269.765	ug/l	100
14) Allyl chloride	2.678	41	407774	50.727	ug/l	99
15) Acrylonitrile	3.069	53	506424	242.788	ug/l	99
16) Acetone	2.380	43	438299	256.513	ug/l	97
17) Carbon Disulfide	2.526	76	594052	50.169	ug/l	99
18) Methyl Acetate	2.709	43	224225	49.787	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	643059	50.434	ug/l	98
20) Methylene Chloride	2.800	84	255314	50.531	ug/l	97
21) trans-1,2-Dichloroethene	3.105	96	235323	50.934	ug/l	98
22) Diisopropyl ether	3.764	45	800256	51.529	ug/l	97
23) Vinyl Acetate	3.727	43	2938553	252.563	ug/l	100
24) 1,1-Dichloroethane	3.617	63	443818	50.109	ug/l	98
25) 2-Butanone	4.556	43	531674	233.222	ug/l	99
26) 2,2-Dichloropropane	4.483	77	328171	49.785	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	279872	49.615	ug/l	99
28) Bromochloromethane	4.904	49	216349	49.494	ug/l	99
29) Tetrahydrofuran	5.007	42	338924	233.223	ug/l	99
30) Chloroform	5.099	83	438996	48.515	ug/l	99
31) Cyclohexane	5.477	56	382912	48.698	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	370625	49.025	ug/l	99
36) 1,1-Dichloropropene	5.696	75	298025	49.011	ug/l	99
37) Ethyl Acetate	4.715	43	228731	44.164	ug/l	99
38) Carbon Tetrachloride	5.684	117	322149	50.111	ug/l	99
39) Methylcyclohexane	7.379	83	377242	49.595	ug/l	98
40) Benzene	6.044	78	911859	49.578	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046869.D
Acq On : 03 Jul 2025 08:19
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 04 01:22:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.922	41	146617	53.069	ug/l		97
42) 1,2-Dichloroethane	6.092	62	307803	49.285	ug/l		99
43) Isopropyl Acetate	6.336	43	391699	49.377	ug/l		99
44) Trichloroethene	7.123	130	232324	48.525	ug/l		100
45) 1,2-Dichloropropane	7.428	63	227723	49.006	ug/l		97
46) Dibromomethane	7.580	93	154969	48.133	ug/l		98
47) Bromodichloromethane	7.818	83	338904	49.297	ug/l		97
48) Methyl methacrylate	7.690	41	203191	49.606	ug/l		99
49) 1,4-Dioxane	7.659	88	46162	972.626	ug/l		98
51) 4-Methyl-2-Pentanone	8.568	43	1101047	235.179	ug/l		100
52) Toluene	8.714	92	558370	48.992	ug/l		97
53) t-1,3-Dichloropropene	8.976	75	305488	49.792	ug/l		98
54) cis-1,3-Dichloropropene	8.360	75	351836	50.240	ug/l		98
55) 1,1,2-Trichloroethane	9.147	97	204472	48.166	ug/l		98
56) Ethyl methacrylate	9.110	69	287813	48.984	ug/l		99
57) 1,3-Dichloropropane	9.305	76	351147	48.038	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.238	63	861768	260.305	ug/l		100
59) 2-Hexanone	9.427	43	744805	239.843	ug/l		99
60) Dibromochloromethane	9.519	129	248143	48.844	ug/l		98
61) 1,2-Dibromoethane	9.604	107	205122	48.112	ug/l		100
64) Tetrachloroethene	9.269	164	188971	48.715	ug/l		93
65) Chlorobenzene	10.073	112	609150	48.359	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.159	131	210490	49.708	ug/l		100
67) Ethyl Benzene	10.189	91	1069097	49.560	ug/l		100
68) m/p-Xylenes	10.299	106	804090	98.920	ug/l		100
69) o-Xylene	10.640	106	387802	49.389	ug/l		98
70) Styrene	10.653	104	668591	49.769	ug/l		99
71) Bromoform	10.793	173	153922	48.887	ug/l	#	100
73) Isopropylbenzene	10.957	105	1024195	50.614	ug/l		100
74) N-amyl acetate	10.842	43	335560	48.800	ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.207	83	259488	46.635	ug/l		100
76) 1,2,3-Trichloropropane	11.232	75	216945m	48.776	ug/l		
77) Bromobenzene	11.195	156	247421	49.088	ug/l		99
78) n-propylbenzene	11.299	91	1212749	49.703	ug/l		100
79) 2-Chlorotoluene	11.360	91	700526	48.623	ug/l		99
80) 1,3,5-Trimethylbenzene	11.445	105	825975	50.235	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.012	75	79854	48.179	ug/l	#	95
82) 4-Chlorotoluene	11.451	91	824470	49.590	ug/l		100
83) tert-Butylbenzene	11.713	119	855537	50.379	ug/l		100
84) 1,2,4-Trimethylbenzene	11.750	105	835526	50.275	ug/l		97
85) sec-Butylbenzene	11.884	105	1061754	49.589	ug/l		100
86) p-Isopropyltoluene	12.006	119	892126	49.756	ug/l		100
87) 1,3-Dichlorobenzene	11.963	146	460220	48.822	ug/l		99
88) 1,4-Dichlorobenzene	12.037	146	458294	46.714	ug/l		99
89) n-Butylbenzene	12.329	91	834911	49.557	ug/l		100
90) Hexachloroethane	12.536	117	157858	49.664	ug/l		100
91) 1,2-Dichlorobenzene	12.329	146	434008	47.511	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	44929	46.166	ug/l		98
93) 1,2,4-Trichlorobenzene	13.585	180	303352	48.882	ug/l		100
94) Hexachlorobutadiene	13.719	225	115868	49.508	ug/l		99
95) Naphthalene	13.774	128	814689	49.820	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	285145	48.629	ug/l		98

Sample Results: **VX046869.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046869.D
Acq On : 03 Jul 2025 08:19
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 04 01:22:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025

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

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

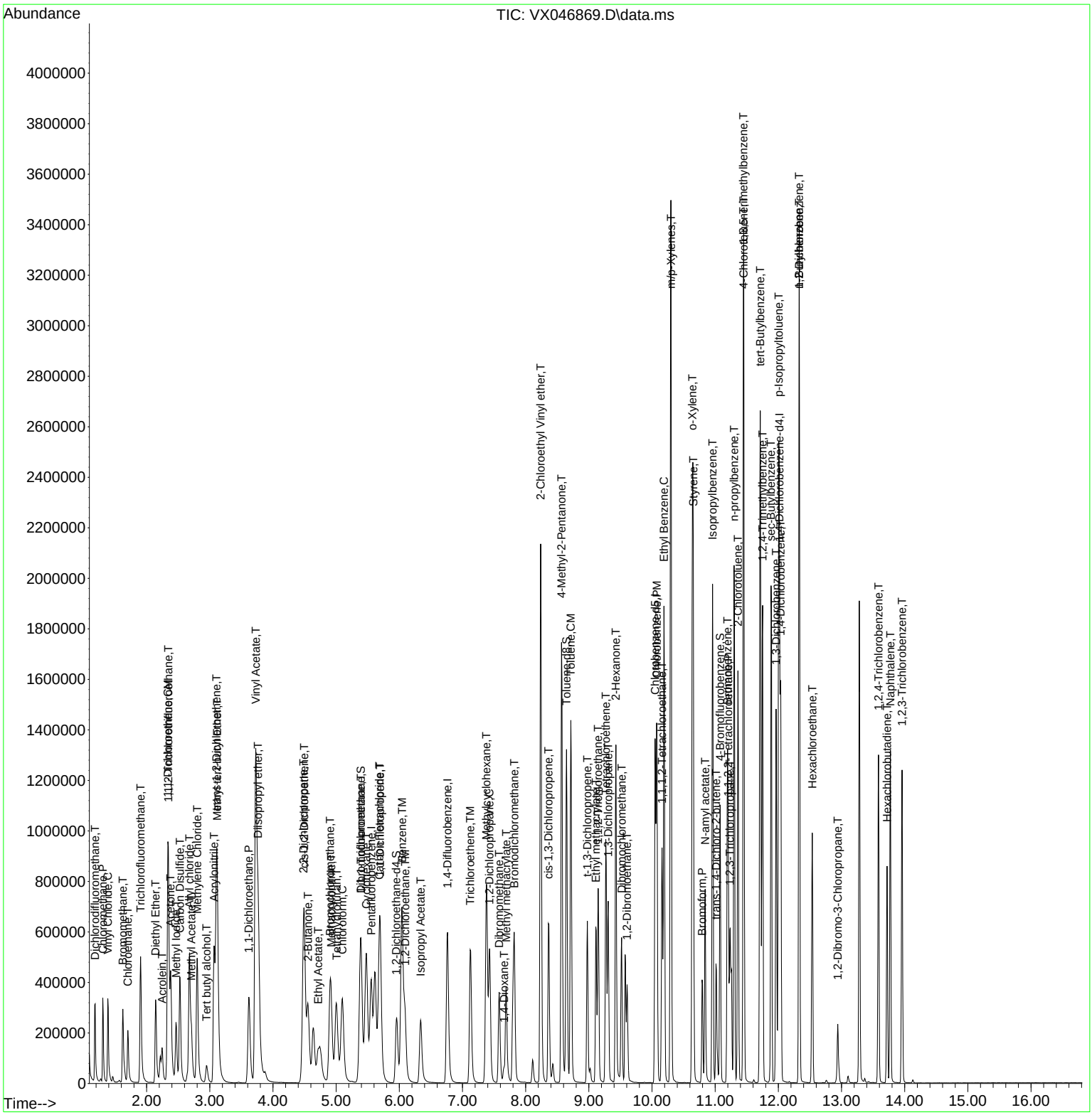
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046869.D
Acq On : 03 Jul 2025 08:19
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 04 01:22:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



Sample Results: **VX046869.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046869.D
Acq On : 03 Jul 2025 08:19
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Jul 04 01:22:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	1.000	1.000	0.0	113	0.00
2	T	Dichlorodifluoromethane	0.478	0.537	-12.3	125	0.00
3	P	Chloromethane	0.522	0.558	-6.9	124	0.00
4	C	Vinyl Chloride	0.569	0.604	-6.2#	124	0.00
5	T	Bromomethane	0.366	0.389	-6.3	122	0.00
6	T	Chloroethane	0.376	0.375	0.3	122	0.00
7	T	Trichlorofluoromethane	0.880	0.928	-5.5	122	0.00
8	T	Diethyl Ether	0.313	0.323	-3.2	120	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.561	0.587	-4.6	121	0.00
10	T	Methyl Iodide	0.611	0.644	-5.4	115	0.00
11	T	Tert butyl alcohol	0.043	0.039	9.3	104	0.00
12	CM	1,1-Dichloroethene	0.542	0.555	-2.4#	120	0.00
13	T	Acrolein	0.052	0.052	0.0	128	0.00
14	T	Allyl chloride	0.965	0.979	-1.5	117	0.00
15	T	Acrylonitrile	0.250	0.243	2.8	112	0.00
16	T	Acetone	0.205	0.211	-2.9	123	0.00
17	T	Carbon Disulfide	1.422	1.427	-0.4	120	0.00
18	T	Methyl Acetate	0.541	0.539	0.4	110	0.00
19	T	Methyl tert-butyl Ether	1.531	1.544	-0.8	114	0.00
20	T	Methylene Chloride	0.607	0.613	-1.0	119	0.00
21	T	trans-1,2-Dichloroethene	0.555	0.565	-1.8	118	0.00
22	T	Diisopropyl ether	1.865	1.922	-3.1	114	0.00
23	T	Vinyl Acetate	1.397	1.411	-1.0	112	0.00
24	P	1,1-Dichloroethane	1.064	1.066	-0.2	116	0.00
25	T	2-Butanone	0.274	0.255	6.9	105	0.00
26	T	2,2-Dichloropropane	0.792	0.788	0.5	117	0.00
27	T	cis-1,2-Dichloroethene	0.677	0.672	0.7	115	0.00
28	T	Bromochloromethane	0.525	0.520	1.0	111	0.00
29	T	Tetrahydrofuran	0.175	0.163	6.9	105	0.00
30	C	Chloroform	1.087	1.054	3.0#	114	0.00
31	T	Cyclohexane	0.944	0.920	2.5	113	0.00
32	T	1,1,1-Trichloroethane	0.908	0.890	2.0	114	0.00
33	S	1,2-Dichloroethane-d4	0.661	0.644	2.6	113	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	110	0.00
35	S	Dibromofluoromethane	0.339	0.351	-3.5	114	0.00
36	T	1,1-Dichloropropene	0.458	0.449	2.0	113	0.00
37	T	Ethyl Acetate	0.390	0.345	11.5	106	0.00
38	T	Carbon Tetrachloride	0.484	0.485	-0.2	113	0.00
39	T	Methylcyclohexane	0.573	0.568	0.9	111	0.00
40	TM	Benzene	1.385	1.373	0.9	112	0.00
41	T	Methacrylonitrile	0.208	0.221	-6.3	115	0.00
42	TM	1,2-Dichloroethane	0.470	0.464	1.3	111	0.00
43	T	Isopropyl Acetate	0.597	0.590	1.2	105	0.00
44	TM	Trichloroethene	0.361	0.350	3.0	112	0.00
45	C	1,2-Dichloropropane	0.350	0.343	2.0#	110	0.00
46	T	Dibromomethane	0.242	0.233	3.7	108	0.00
47	T	Bromodichloromethane	0.518	0.510	1.5	111	0.00
48	T	Methyl methacrylate	0.308	0.306	0.6	105	0.00

Sample Results: **VX046869.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046869.D
Acq On : 03 Jul 2025 08:19
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Jul 04 01:22:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.004	0.003	25.0	106	0.00
50	S	Toluene-d8	1.197	1.191	0.5	110	0.00
51	T	4-Methyl-2-Pentanone	0.353	0.332	5.9	100	0.00
52	CM	Toluene	0.858	0.841	2.0#	110	0.00
53	T	t-1,3-Dichloropropene	0.462	0.460	0.4	108	0.00
54	T	cis-1,3-Dichloropropene	0.527	0.530	-0.6	110	0.00
55	T	1,1,2-Trichloroethane	0.320	0.308	3.8	107	0.00
56	T	Ethyl methacrylate	0.442	0.433	2.0	104	0.00
57	T	1,3-Dichloropropane	0.550	0.529	3.8	108	0.00
58	T	2-Chloroethyl Vinyl ether	0.249	0.260	-4.4	107	0.00
59	T	2-Hexanone	0.234	0.224	4.3	100	0.00
60	T	Dibromochloromethane	0.383	0.374	2.3	110	0.00
61	T	1,2-Dibromoethane	0.321	0.309	3.7	107	0.00
62	S	4-Bromofluorobenzene	0.455	0.447	1.8	109	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	108	0.00
64	T	Tetrachloroethene	0.333	0.324	2.7	111	0.00
65	PM	Chlorobenzene	1.081	1.046	3.2	108	0.00
66	T	1,1,1,2-Tetrachloroethane	0.363	0.361	0.6	109	0.00
67	C	Ethyl Benzene	1.851	1.835	0.9#	108	0.00
68	T	m/p-Xylenes	0.698	0.690	1.1	108	0.00
69	T	o-Xylene	0.674	0.666	1.2	108	0.00
70	T	Styrene	1.153	1.148	0.4	105	0.00
71	P	Bromoform	0.270	0.264	2.2	106	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	108	0.00
73	T	Isopropylbenzene	3.515	3.558	-1.2	107	0.00
74	T	N-amyl acetate	1.194	1.166	2.3	99	0.00
75	P	1,1,2,2-Tetrachloroethane	0.966	0.901	6.7	101	0.00
76	T	1,2,3-Trichloropropane	0.773	0.754	2.5	103	0.00
77	T	Bromobenzene	0.875	0.860	1.7	106	0.00
78	T	n-propylbenzene	4.238	4.213	0.6	106	0.00
79	T	2-Chlorotoluene	2.503	2.434	2.8	106	0.00
80	T	1,3,5-Trimethylbenzene	2.856	2.869	-0.5	106	0.00
81	T	trans-1,4-Dichloro-2-butene	0.288	0.277	3.8	103	0.00
82	T	4-Chlorotoluene	2.888	2.864	0.8	106	0.00
83	T	tert-Butylbenzene	2.950	2.972	-0.7	106	0.00
84	T	1,2,4-Trimethylbenzene	2.887	2.903	-0.6	106	0.00
85	T	sec-Butylbenzene	3.719	3.689	0.8	105	0.00
86	T	p-Isopropyltoluene	3.114	3.099	0.5	106	0.00
87	T	1,3-Dichlorobenzene	1.637	1.599	2.3	106	0.00
88	T	1,4-Dichlorobenzene	1.704	1.592	6.6	105	0.00
89	T	n-Butylbenzene	2.926	2.900	0.9	105	0.00
90	T	Hexachloroethane	0.552	0.548	0.7	107	0.00
91	T	1,2-Dichlorobenzene	1.587	1.508	5.0	104	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.169	0.156	7.7	99	0.00
93	T	1,2,4-Trichlorobenzene	1.078	1.054	2.2	105	0.00
94	T	Hexachlorobutadiene	0.407	0.403	1.0	106	0.00
95	T	Naphthalene	2.840	2.830	0.4	101	0.00

Sample Results: **VX046869.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046869.D
Acq On : 03 Jul 2025 08:19
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Jul 04 01:22:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	1.019	0.991	2.7	102	0.00

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

Evaluate Continuing Calibration Report

Sample Results: **VX046869.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046869.D
Acq On : 03 Jul 2025 08:19
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Jul 04 01:22:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

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

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	50.000	50.000	0.0	113	0.00
2	T	Dichlorodifluoromethane	50.000	56.194	-12.4	125	0.00
3	P	Chloromethane	50.000	53.418	-6.8	124	0.00
4	C	Vinyl Chloride	50.000	53.117	-6.2#	124	0.00
5	T	Bromomethane	50.000	53.164	-6.3	122	0.00
6	T	Chloroethane	50.000	49.924	0.2	122	0.00
7	T	Trichlorofluoromethane	50.000	52.745	-5.5	122	0.00
8	T	Diethyl Ether	50.000	51.632	-3.3	120	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	52.371	-4.7	121	0.00
10	T	Methyl Iodide	50.000	52.727	-5.5	115	0.00
11	T	Tert butyl alcohol	250.000	224.312	10.3	104	0.00
12	CM	1,1-Dichloroethene	50.000	51.138	-2.3#	120	0.00
13	T	Acrolein	250.000	269.765	-7.9	128	0.00
14	T	Allyl chloride	50.000	50.727	-1.5	117	0.00
15	T	Acrylonitrile	250.000	242.788	2.9	112	0.00
16	T	Acetone	250.000	256.513	-2.6	123	0.00
17	T	Carbon Disulfide	50.000	50.169	-0.3	120	0.00
18	T	Methyl Acetate	50.000	49.787	0.4	110	0.00
19	T	Methyl tert-butyl Ether	50.000	50.434	-0.9	114	0.00
20	T	Methylene Chloride	50.000	50.531	-1.1	119	0.00
21	T	trans-1,2-Dichloroethene	50.000	50.934	-1.9	118	0.00
22	T	Diisopropyl ether	50.000	51.529	-3.1	114	0.00
23	T	Vinyl Acetate	250.000	252.563	-1.0	112	0.00
24	P	1,1-Dichloroethane	50.000	50.109	-0.2	116	0.00
25	T	2-Butanone	250.000	233.222	6.7	105	0.00
26	T	2,2-Dichloropropane	50.000	49.785	0.4	117	0.00
27	T	cis-1,2-Dichloroethene	50.000	49.615	0.8	115	0.00
28	T	Bromochloromethane	50.000	49.494	1.0	111	0.00
29	T	Tetrahydrofuran	250.000	233.223	6.7	105	0.00
30	C	Chloroform	50.000	48.515	3.0#	114	0.00
31	T	Cyclohexane	50.000	48.698	2.6	113	0.00
32	T	1,1,1-Trichloroethane	50.000	49.025	2.0	114	0.00
33	S	1,2-Dichloroethane-d4	50.000	48.749	2.5	113	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	110	0.00
35	S	Dibromofluoromethane	50.000	51.715	-3.4	114	0.00
36	T	1,1-Dichloropropene	50.000	49.011	2.0	113	0.00
37	T	Ethyl Acetate	50.000	44.164	11.7	106	0.00
38	T	Carbon Tetrachloride	50.000	50.111	-0.2	113	0.00
39	T	Methylcyclohexane	50.000	49.595	0.8	111	0.00
40	TM	Benzene	50.000	49.578	0.8	112	0.00
41	T	Methacrylonitrile	50.000	53.069	-6.1	115	0.00
42	TM	1,2-Dichloroethane	50.000	49.285	1.4	111	0.00
43	T	Isopropyl Acetate	50.000	49.377	1.2	105	0.00
44	TM	Trichloroethene	50.000	48.525	3.0	112	0.00
45	C	1,2-Dichloropropane	50.000	49.006	2.0#	110	0.00
46	T	Dibromomethane	50.000	48.133	3.7	108	0.00
47	T	Bromodichloromethane	50.000	49.297	1.4	111	0.00
48	T	Methyl methacrylate	50.000	49.606	0.8	105	0.00

Sample Results: **VX046869.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046869.D
Acq On : 03 Jul 2025 08:19
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Jul 04 01:22:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

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

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	972.626	2.7	106	0.00
50	S	Toluene-d8	50.000	49.721	0.6	110	0.00
51	T	4-Methyl-2-Pentanone	250.000	235.179	5.9	100	0.00
52	CM	Toluene	50.000	48.992	2.0#	110	0.00
53	T	t-1,3-Dichloropropene	50.000	49.792	0.4	108	0.00
54	T	cis-1,3-Dichloropropene	50.000	50.240	-0.5	110	0.00
55	T	1,1,2-Trichloroethane	50.000	48.166	3.7	107	0.00
56	T	Ethyl methacrylate	50.000	48.984	2.0	104	0.00
57	T	1,3-Dichloropropane	50.000	48.038	3.9	108	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	260.305	-4.1	107	0.00
59	T	2-Hexanone	250.000	239.843	4.1	100	0.00
60	T	Dibromochloromethane	50.000	48.844	2.3	110	0.00
61	T	1,2-Dibromoethane	50.000	48.112	3.8	107	0.00
62	S	4-Bromofluorobenzene	50.000	49.157	1.7	109	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	108	0.00
64	T	Tetrachloroethene	50.000	48.715	2.6	111	0.00
65	PM	Chlorobenzene	50.000	48.359	3.3	108	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	49.708	0.6	109	0.00
67	C	Ethyl Benzene	50.000	49.560	0.9#	108	0.00
68	T	m/p-Xylenes	100.000	98.920	1.1	108	0.00
69	T	o-Xylene	50.000	49.389	1.2	108	0.00
70	T	Styrene	50.000	49.769	0.5	105	0.00
71	P	Bromoform	50.000	48.887	2.2	106	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	108	0.00
73	T	Isopropylbenzene	50.000	50.614	-1.2	107	0.00
74	T	N-amyl acetate	50.000	48.800	2.4	99	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	46.635	6.7	101	0.00
76	T	1,2,3-Trichloropropane	50.000	48.776	2.4	103	0.00
77	T	Bromobenzene	50.000	49.088	1.8	106	0.00
78	T	n-propylbenzene	50.000	49.703	0.6	106	0.00
79	T	2-Chlorotoluene	50.000	48.623	2.8	106	0.00
80	T	1,3,5-Trimethylbenzene	50.000	50.235	-0.5	106	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	48.179	3.6	103	0.00
82	T	4-Chlorotoluene	50.000	49.590	0.8	106	0.00
83	T	tert-Butylbenzene	50.000	50.379	-0.8	106	0.00
84	T	1,2,4-Trimethylbenzene	50.000	50.275	-0.5	106	0.00
85	T	sec-Butylbenzene	50.000	49.589	0.8	105	0.00
86	T	p-Isopropyltoluene	50.000	49.756	0.5	106	0.00
87	T	1,3-Dichlorobenzene	50.000	48.822	2.4	106	0.00
88	T	1,4-Dichlorobenzene	50.000	46.714	6.6	105	0.00
89	T	n-Butylbenzene	50.000	49.557	0.9	105	0.00
90	T	Hexachloroethane	50.000	49.664	0.7	107	0.00
91	T	1,2-Dichlorobenzene	50.000	47.511	5.0	104	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	46.166	7.7	99	0.00
93	T	1,2,4-Trichlorobenzene	50.000	48.882	2.2	105	0.00
94	T	Hexachlorobutadiene	50.000	49.508	1.0	106	0.00
95	T	Naphthalene	50.000	49.820	0.4	101	0.00

Sample Results: **VX046869.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046869.D
Acq On : 03 Jul 2025 08:19
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Jul 04 01:22:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	48.629	2.7	102	0.00

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

QC SAMPLE DATA

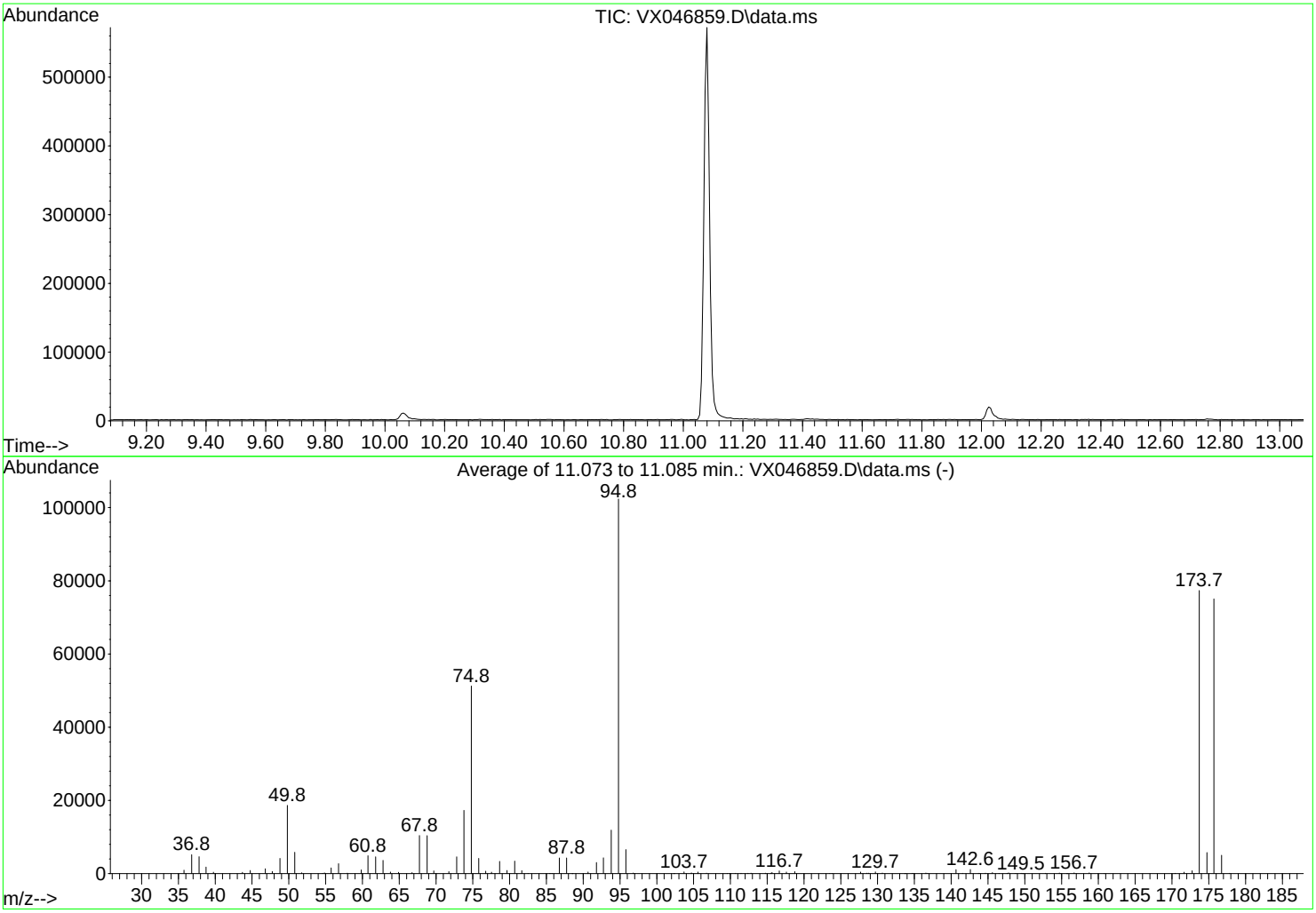
Sample Results: **VX046859.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046859.D
Acq On : 02 Jul 2025 11:12
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\82X070225W.M
Title : SW846 8260
Last Update : Thu Jul 03 05:51:11 2025



AutoFind: Scans 1638, 1639, 1640; Background Corrected with Scan 1631

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	18.2	18657	PASS
75	95	30	60	50.1	51248	PASS
95	95	100	100	100.0	102357	PASS
96	95	5	9	6.4	6574	PASS
173	174	0.00	2	1.0	779	PASS
174	95	50	100	75.5	77328	PASS
175	174	5	9	7.4	5758	PASS
176	174	95	101	97.1	75051	PASS
177	176	5	9	6.7	5020	PASS

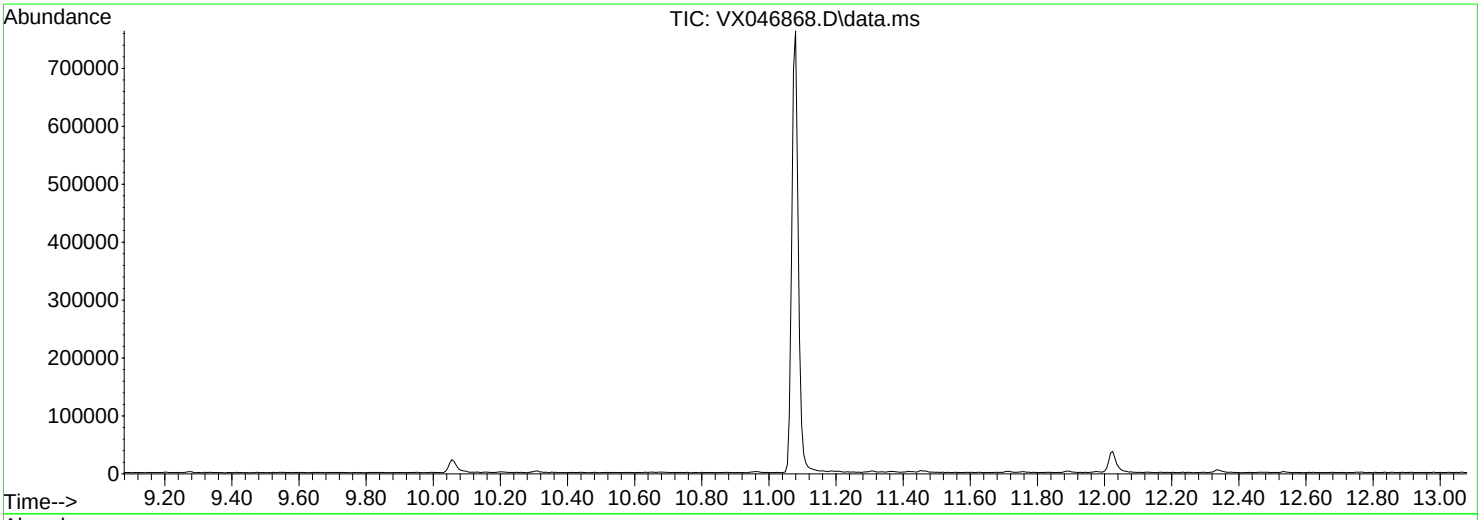
Sample Results: **VX046868.D**

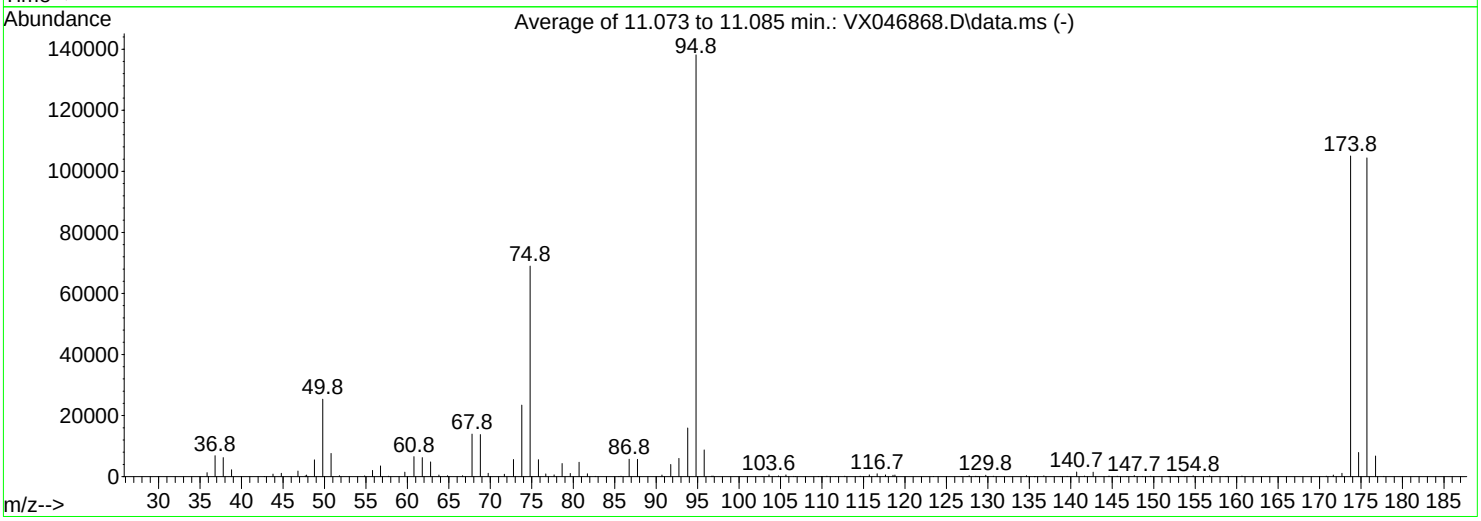
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046868.D
Acq On : 03 Jul 2025 07:52
Operator : JC/MD
Sample : BFB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Title : SW846 8260
Last Update : Thu Jul 03 05:51:11 2025





AutoFind: Scans 1638, 1639, 1640; Background Corrected with Scan 1631

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	18.4	25355	PASS
75	95	30	60	49.9	68992	PASS
95	95	100	100	100.0	138160	PASS
96	95	5	9	6.3	8736	PASS
173	174	0.00	2	1.0	1090	PASS
174	95	50	100	76.0	105016	PASS
175	174	5	9	7.6	7936	PASS
176	174	95	101	99.4	104379	PASS
177	176	5	9	6.5	6758	PASS

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	M2 Associates	Date Collected:	
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	
Client Sample ID:	VX0703WBL01	SDG No.:	Q2455
Lab Sample ID:	VX0703WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046871.D	1	07/03/25 09:09	VX070325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.22	U	0.22	1.00	ug/L
74-87-3	Chloromethane	0.32	U	0.32	1.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	1.00	ug/L
75-65-0	Tert butyl alcohol	5.50	U	5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
67-64-1	Acetone	1.50	U	1.50	5.00	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	0.27	U	0.27	1.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	1.50	U	1.50	5.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	1.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	1.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
108-87-2	Methylcyclohexane	0.16	U	0.16	1.00	ug/L
71-43-2	Benzene	0.15	U	0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	1.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	5.00	ug/L

Raw Data: **VX046871.D**

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Fax : 908 789 8922

Report of Analysis

Client:	M2 Associates	Date Collected:	
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	
Client Sample ID:	VX0703WBL01	SDG No.:	Q2455
Lab Sample ID:	VX0703WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046871.D	1	07/03/25 09:09	VX070325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-88-3	Toluene	0.14	U	0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	0.24	U	0.24	2.00	ug/L
95-47-6	o-Xylene	0.12	U	0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	1.00	ug/L
98-82-8	Isopropylbenzene	0.12	U	0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	50.3		70 (74) - 130 (125)	101%	SPK: 50
1868-53-7	Dibromofluoromethane	48.6		70 (75) - 130 (124)	97%	SPK: 50
2037-26-5	Toluene-d8	49.6		70 (86) - 130 (113)	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.6		70 (77) - 130 (121)	101%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	436000	5.556			
540-36-3	1,4-Difluorobenzene	753000	6.763			
3114-55-4	Chlorobenzene-d5	692000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	352000	12.018			

Raw Data: **VX046871.D**

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

Report of Analysis

Client:	M2 Associates	Date Collected:	
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	
Client Sample ID:	VX0703WBL01	SDG No.:	Q2455
Lab Sample ID:	VX0703WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046871.D	1	07/03/25 09:09	VX070325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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\VX070325\
Data File : VX046871.D
Acq On : 03 Jul 2025 09:09
Operator : JC/MD
Sample : VX0703WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0703WBL01

Quant Time: Jul 04 01:26:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

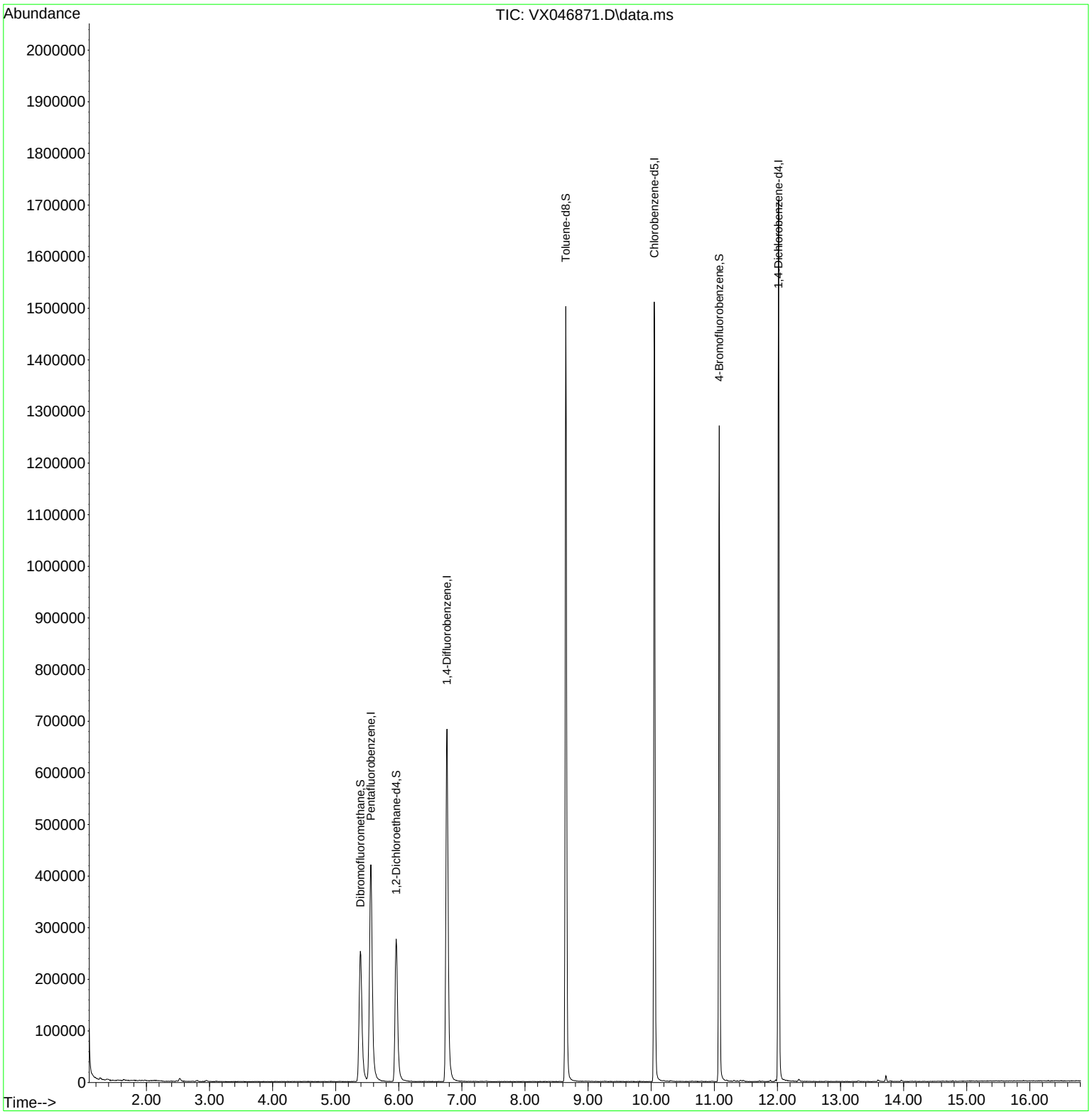
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	435949	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	752530	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	691838	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	351915	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	289406	50.250	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.500%			
35) Dibromofluoromethane	5.391	113	248443	48.636	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.280%			
50) Toluene-d8	8.647	98	893863	49.596	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.200%			
62) 4-Bromofluorobenzene	11.079	95	346730	50.620	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.240%			
Target Compounds						Qvalue

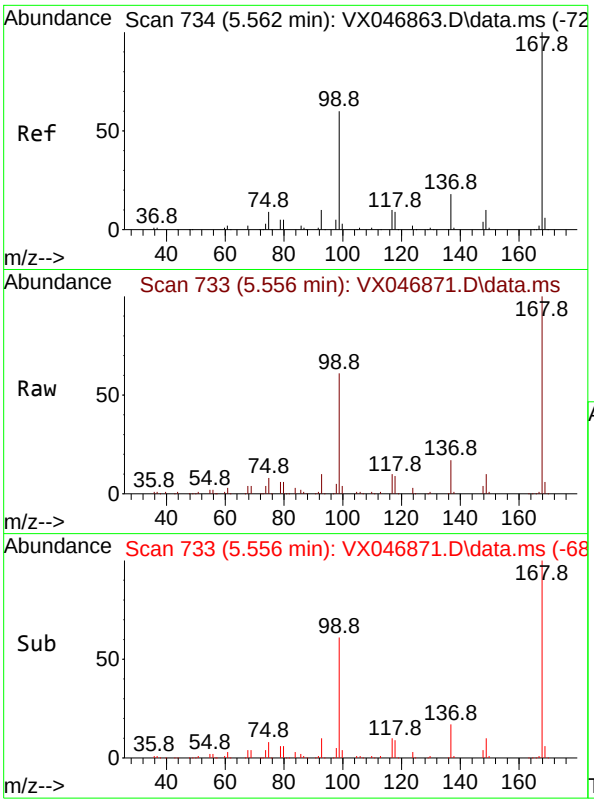
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046871.D
Acq On : 03 Jul 2025 09:09
Operator : JC/MD
Sample : VX0703WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0703WBL01

Quant Time: Jul 04 01:26:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration



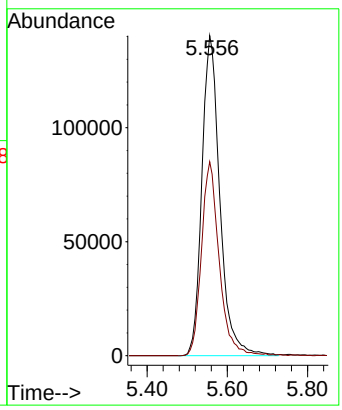


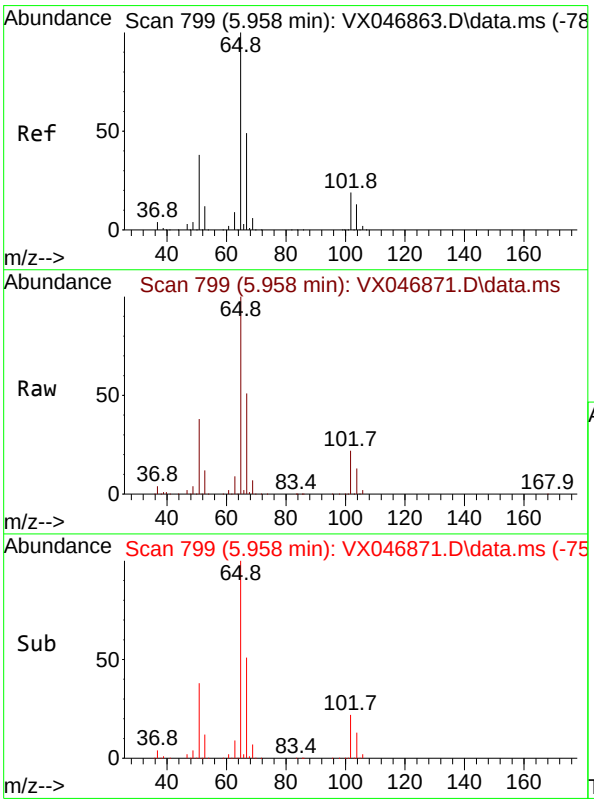
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX046871.D
Acq: 03 Jul 2025 09:09

Instrument :
MSVOA_X
ClientSampleId :
VX0703WBL01

Tgt Ion:168 Resp: 435949

Ion	Ratio	Lower	Upper
168	100		
99	60.6	48.8	73.2

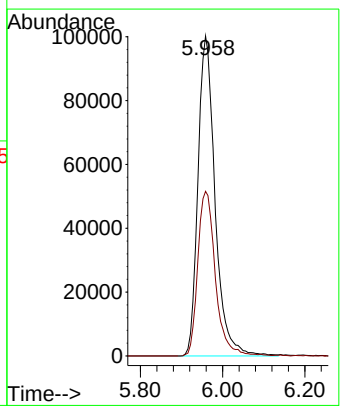


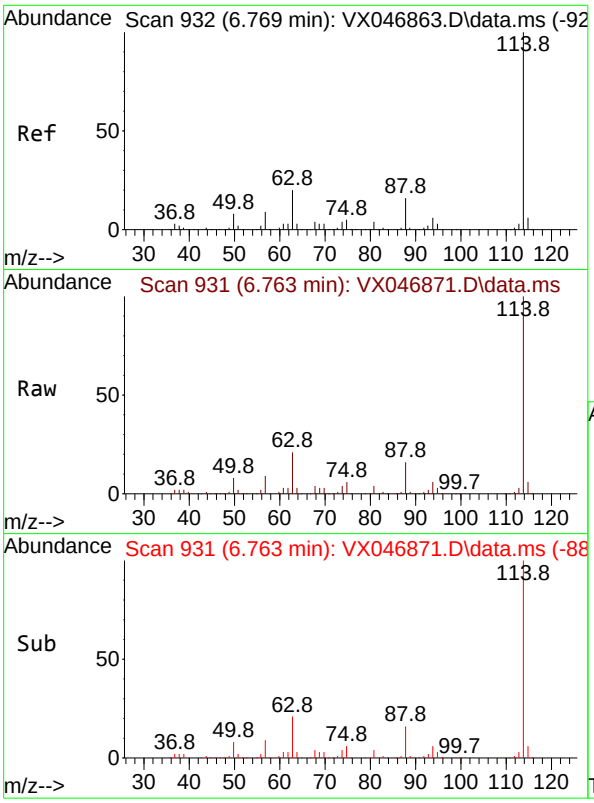


#33
1,2-Dichloroethane-d4
Concen: 50.250 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX046871.D
Acq: 03 Jul 2025 09:09

Tgt Ion: 65 Resp: 289406

Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	105.2



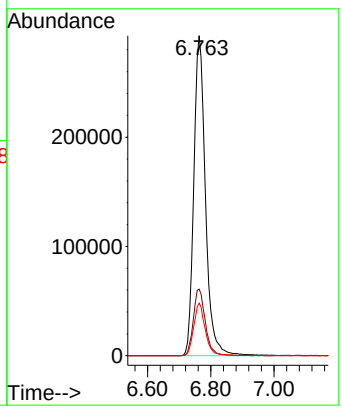


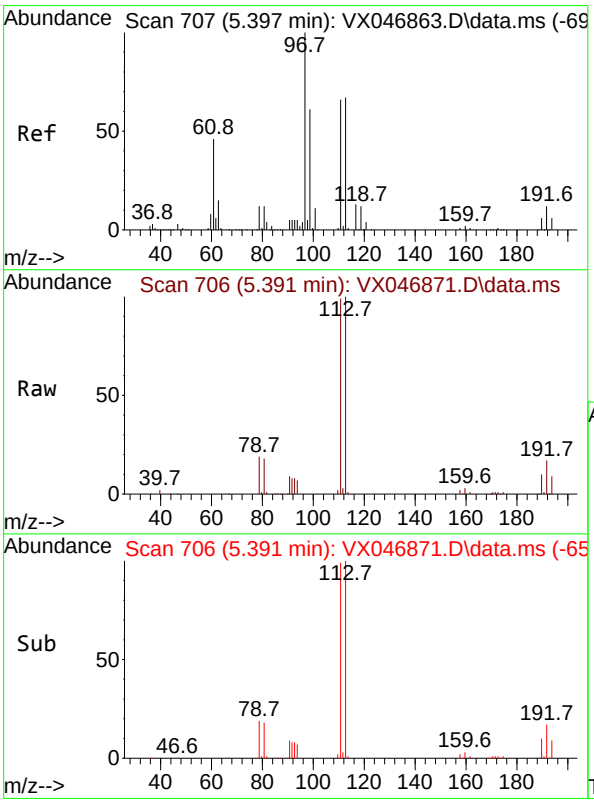
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 9
Delta R.T. -0.006 min
Lab File: VX046871.D
Acq: 03 Jul 2025 09:09

Instrument :
MSVOA_X
ClientSampleId :
VX0703WBL01

Tgt Ion:114 Resp: 752530

Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	40.4
88	16.4	0.0	31.0

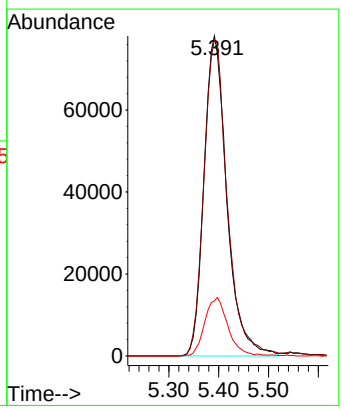


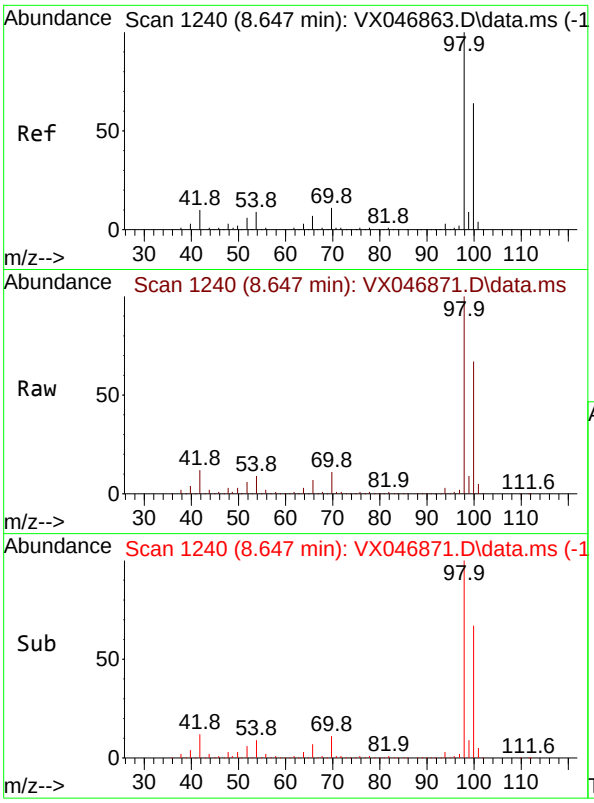


#35
Dibromofluoromethane
Concen: 48.636 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX046871.D
Acq: 03 Jul 2025 09:09

Tgt Ion:113 Resp: 248443

Ion	Ratio	Lower	Upper
113	100		
111	101.1	81.2	121.8
192	18.6	15.3	22.9



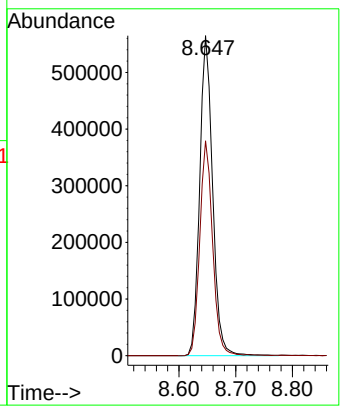


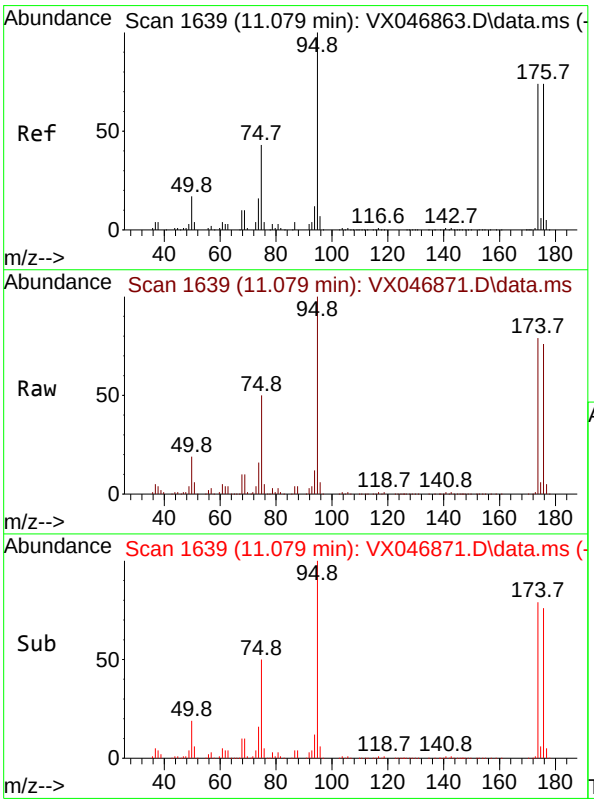
#50
Toluene-d8
Concen: 49.596 ug/l
RT: 8.647 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046871.D
Acq: 03 Jul 2025 09:09

Instrument :
MSVOA_X
ClientSampleId :
VX0703WBL01

Tgt Ion: 98 Resp: 893863

Ion	Ratio	Lower	Upper
98	100		
100	66.9	53.0	79.6

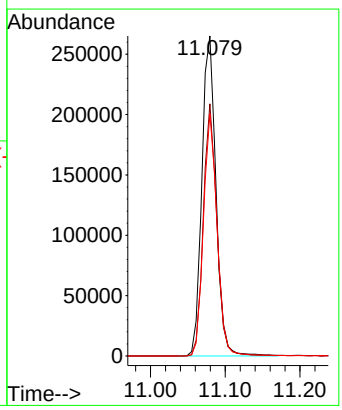


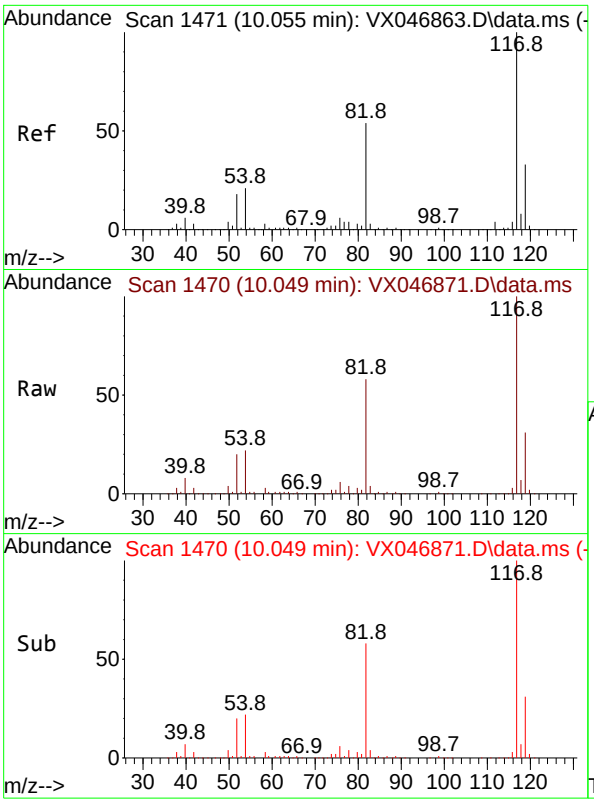


#62
4-Bromofluorobenzene
Concen: 50.620 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046871.D
Acq: 03 Jul 2025 09:09

Tgt Ion: 95 Resp: 346730

Ion	Ratio	Lower	Upper
95	100		
174	76.3	0.0	152.0
176	73.3	0.0	145.2



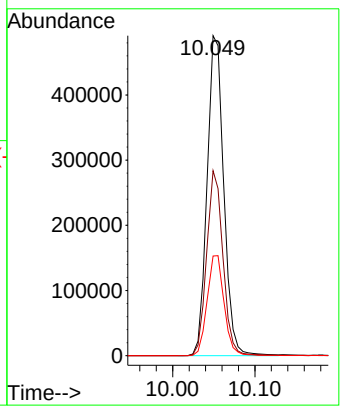


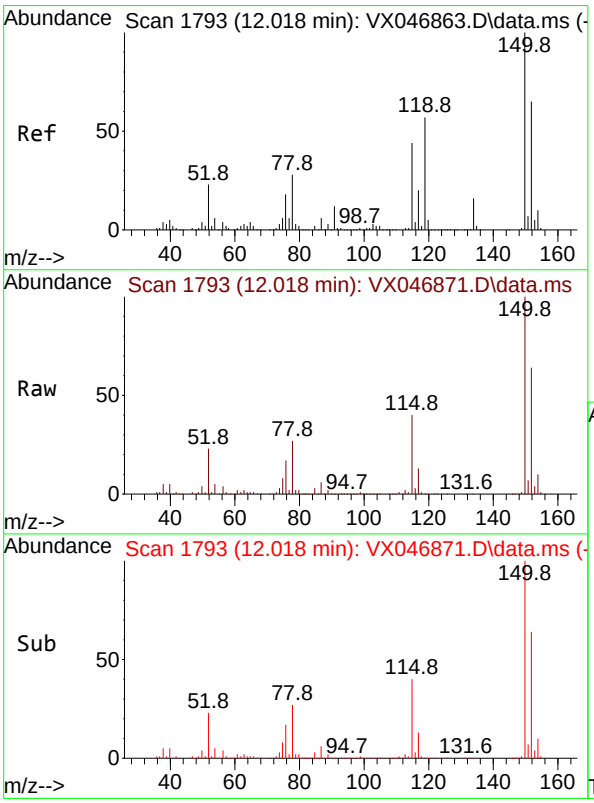
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. -0.006 min
Lab File: VX046871.D
Acq: 03 Jul 2025 09:09

Instrument :
MSVOA_X
ClientSampleId :
VX0703WBL01

Tgt Ion:117 Resp: 691838

Ion	Ratio	Lower	Upper
117	100		
82	57.8	43.3	64.9
119	31.1	26.4	39.6

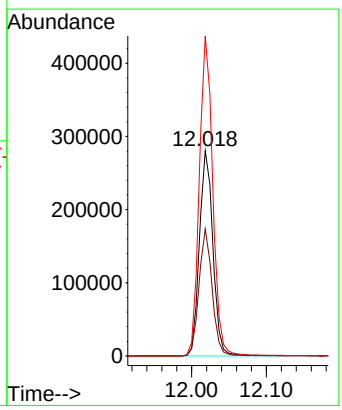




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046871.D
Acq: 03 Jul 2025 09:09

Tgt Ion:152 Resp: 351915

Ion	Ratio	Lower	Upper
152	100		
115	60.5	42.4	127.1
150	155.3	0.0	349.2



Raw Data: **VX046873.D**

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

Report of Analysis

Client:	M2 Associates	Date Collected:	
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	
Client Sample ID:	VX0703WBS01	SDG No.:	Q2455
Lab Sample ID:	VX0703WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046873.D	1	07/03/25 09:56	VX070325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	18.7		0.22	1.00	ug/L
74-87-3	Chloromethane	19.0		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	18.7		0.26	1.00	ug/L
74-83-9	Bromomethane	20.5		1.40	5.00	ug/L
75-00-3	Chloroethane	18.2		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	18.8		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	18.8		0.25	1.00	ug/L
75-65-0	Tert butyl alcohol	88.3		5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	18.2		0.23	1.00	ug/L
67-64-1	Acetone	86.7		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	18.0		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	18.9		0.16	1.00	ug/L
79-20-9	Methyl Acetate	19.3		0.27	1.00	ug/L
75-09-2	Methylene Chloride	18.5		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	19.2		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	19.0		0.23	1.00	ug/L
110-82-7	Cyclohexane	19.2		1.50	5.00	ug/L
78-93-3	2-Butanone	93.1		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	18.3		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	19.0		0.19	1.00	ug/L
74-97-5	Bromochloromethane	16.0		0.22	1.00	ug/L
67-66-3	Chloroform	19.1		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	18.8		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	18.6		0.16	1.00	ug/L
71-43-2	Benzene	18.9		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	18.6		0.22	1.00	ug/L
79-01-6	Trichloroethene	18.4		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	18.6		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	18.8		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	95.2		0.68	5.00	ug/L

Raw Data: **VX046873.D**

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

Report of Analysis

Client:	M2 Associates	Date Collected:	
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	
Client Sample ID:	VX0703WBS01	SDG No.:	Q2455
Lab Sample ID:	VX0703WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046873.D	1	07/03/25 09:56	VX070325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-88-3	Toluene	19.1		0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	18.4		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	18.5		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	19.1		0.21	1.00	ug/L
591-78-6	2-Hexanone	92.1		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	18.6		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	18.6		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	18.5		0.23	1.00	ug/L
108-90-7	Chlorobenzene	18.6		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	18.9		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	38.0		0.24	2.00	ug/L
95-47-6	o-Xylene	18.7		0.12	1.00	ug/L
100-42-5	Styrene	19.3		0.15	1.00	ug/L
75-25-2	Bromoform	18.3		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	18.6		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	18.2		0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	18.4		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	18.0		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	18.5		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	17.6		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	17.8		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	17.9		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	49.9		70 (74) - 130 (125)	100%	SPK: 50
1868-53-7	Dibromofluoromethane	49.1		70 (75) - 130 (124)	98%	SPK: 50
2037-26-5	Toluene-d8	49.6		70 (86) - 130 (113)	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.7		70 (77) - 130 (121)	101%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	381000	5.562			
540-36-3	1,4-Difluorobenzene	632000	6.769			
3114-55-4	Chlorobenzene-d5	573000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	294000	12.018			

Raw Data: **VX046873.D**

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

Report of Analysis

Client:	M2 Associates	Date Collected:	
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	
Client Sample ID:	VX0703WBS01	SDG No.:	Q2455
Lab Sample ID:	VX0703WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046873.D	1	07/03/25 09:56	VX070325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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\VX070325\
Data File : VX046873.D
Acq On : 03 Jul 2025 09:56
Operator : JC/MD
Sample : VX0703WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 04 01:26:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0703WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	380935	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	631809	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	572542	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	293826	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	250995	49.875	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 99.740%			
35) Dibromofluoromethane	5.397	113	210542	49.092	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.180%			
50) Toluene-d8	8.646	98	750632	49.607	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.220%			
62) 4-Bromofluorobenzene	11.079	95	291553	50.697	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.184	85	68036	18.675	ug/l	97
3) Chloromethane	1.306	50	75722	19.024	ug/l	98
4) Vinyl Chloride	1.386	62	80875	18.658	ug/l	97
5) Bromomethane	1.629	94	57067	20.491	ug/l	95
6) Chloroethane	1.709	64	51958	18.153	ug/l	97
7) Trichlorofluoromethane	1.910	101	125782	18.767	ug/l	100
8) Diethyl Ether	2.148	74	44233	18.546	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.349	101	80482	18.845	ug/l	99
10) Methyl Iodide	2.471	142	81435	17.503	ug/l	95
11) Tert butyl alcohol	2.952	59	29156	88.336	ug/l	99
12) 1,1-Dichloroethene	2.337	96	75156	18.194	ug/l	99
13) Acrolein	2.251	56	32484	90.891	ug/l	98
14) Allyl chloride	2.684	41	135287	18.396	ug/l	99
15) Acrylonitrile	3.074	53	177334	92.929	ug/l	99
16) Acetone	2.385	43	135535	86.703	ug/l	99
17) Carbon Disulfide	2.532	76	194647	17.968	ug/l	99
18) Methyl Acetate	2.715	43	79351	19.259	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	220287	18.885	ug/l	100
20) Methylene Chloride	2.806	84	85406	18.476	ug/l	97
21) trans-1,2-Dichloroethene	3.111	96	80998	19.163	ug/l	92
22) Diisopropyl ether	3.769	45	278055	19.570	ug/l	91
23) Vinyl Acetate	3.733	43	1002297	94.162	ug/l	100
24) 1,1-Dichloroethane	3.629	63	153606	18.957	ug/l	98
25) 2-Butanone	4.568	43	194141	93.086	ug/l	98
26) 2,2-Dichloropropane	4.495	77	109423	18.145	ug/l	98
27) cis-1,2-Dichloroethene	4.507	96	98001	18.990	ug/l	99
28) Bromochloromethane	4.909	49	63945	15.990	ug/l	99
29) Tetrahydrofuran	5.013	42	125617	94.485	ug/l	99
30) Chloroform	5.104	83	157900	19.074	ug/l	99
31) Cyclohexane	5.488	56	138302	19.226	ug/l	98
32) 1,1,1-Trichloroethane	5.397	97	130237	18.831	ug/l	99
36) 1,1-Dichloropropene	5.708	75	104793	18.110	ug/l	98
37) Ethyl Acetate	4.726	43	81519	16.541	ug/l	96
38) Carbon Tetrachloride	5.690	117	111817	18.278	ug/l	96
39) Methylcyclohexane	7.385	83	134672	18.606	ug/l	95
40) Benzene	6.049	78	331479	18.939	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046873.D
Acq On : 03 Jul 2025 09:56
Operator : JC/MD
Sample : VX0703WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 04 01:26:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0703WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.934	41	49384	18.784	ug/l		95
42) 1,2-Dichloroethane	6.092	62	110414	18.579	ug/l		99
43) Isopropyl Acetate	6.348	43	142626	18.894	ug/l		100
44) Trichloroethene	7.135	130	83932	18.422	ug/l		99
45) 1,2-Dichloropropane	7.433	63	82453	18.647	ug/l		100
46) Dibromomethane	7.586	93	56307	18.378	ug/l		97
47) Bromodichloromethane	7.823	83	122976	18.798	ug/l		97
48) Methyl methacrylate	7.695	41	72971	18.721	ug/l		99
49) 1,4-Dioxane	7.665	88	16908	374.371	ug/l	#	91
51) 4-Methyl-2-Pentanone	8.573	43	424297	95.238	ug/l		99
52) Toluene	8.720	92	207111	19.096	ug/l		100
53) t-1,3-Dichloropropene	8.976	75	107683	18.444	ug/l		98
54) cis-1,3-Dichloropropene	8.366	75	123427	18.521	ug/l		97
55) 1,1,2-Trichloroethane	9.152	97	77121	19.091	ug/l		97
56) Ethyl methacrylate	9.116	69	105762	18.916	ug/l		99
57) 1,3-Dichloropropane	9.311	76	132209	19.007	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.244	63	274129	87.015	ug/l		100
59) 2-Hexanone	9.427	43	272293	92.144	ug/l		99
60) Dibromochloromethane	9.518	129	89907	18.597	ug/l		100
61) 1,2-Dibromoethane	9.610	107	75647	18.646	ug/l		100
64) Tetrachloroethene	9.274	164	70534	18.503	ug/l		95
65) Chlorobenzene	10.079	112	230093	18.588	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.158	131	77000	18.504	ug/l		98
67) Ethyl Benzene	10.195	91	400024	18.870	ug/l		98
68) m/p-Xylenes	10.299	106	303388	37.980	ug/l		99
69) o-Xylene	10.640	106	144569	18.736	ug/l		99
70) Styrene	10.652	104	255321	19.340	ug/l		100
71) Bromoform	10.799	173	56499	18.260	ug/l		100
73) Isopropylbenzene	10.963	105	384896	18.634	ug/l		100
74) N-amyl acetate	10.841	43	127048	18.101	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	103145	18.161	ug/l		99
76) 1,2,3-Trichloropropane	11.237	75	80806m	17.799	ug/l		
77) Bromobenzene	11.195	156	93265	18.128	ug/l		98
78) n-propylbenzene	11.298	91	461151	18.516	ug/l		100
79) 2-Chlorotoluene	11.359	91	274010	18.632	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	314655	18.748	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	28155	16.642	ug/l		96
82) 4-Chlorotoluene	11.451	91	317541	18.711	ug/l		98
83) tert-Butylbenzene	11.713	119	326204	18.819	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	318339	18.766	ug/l		96
85) sec-Butylbenzene	11.890	105	411978	18.850	ug/l		100
86) p-Isopropyltoluene	12.006	119	340932	18.628	ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	177009	18.396	ug/l		98
88) 1,4-Dichlorobenzene	12.036	146	180023	17.977	ug/l		99
89) n-Butylbenzene	12.329	91	317598	18.468	ug/l		99
90) Hexachloroethane	12.536	117	56665	17.465	ug/l		98
91) 1,2-Dichlorobenzene	12.335	146	172751	18.527	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.938	75	17485	17.601	ug/l		94
93) 1,2,4-Trichlorobenzene	13.585	180	112828	17.812	ug/l		99
94) Hexachlorobutadiene	13.719	225	44266	18.530	ug/l		100
95) Naphthalene	13.774	128	308131	18.460	ug/l		100
96) 1,2,3-Trichlorobenzene	13.956	180	107332	17.933	ug/l		98

Sample Results: **VX046873.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046873.D
Acq On : 03 Jul 2025 09:56
Operator : JC/MD
Sample : VX0703WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 04 01:26:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0703WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025

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

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

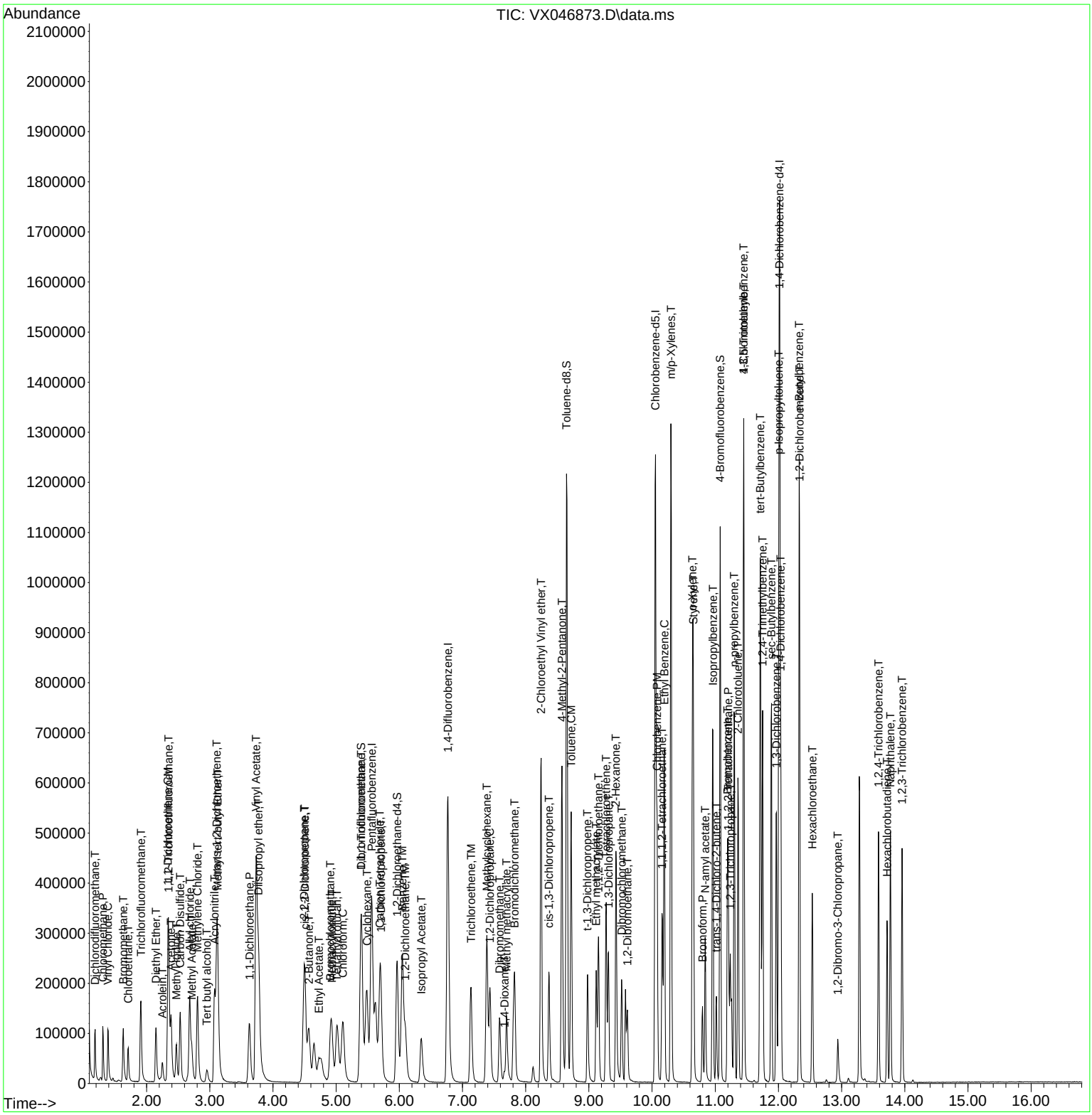
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046873.D
Acq On : 03 Jul 2025 09:56
Operator : JC/MD
Sample : VX0703WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 04 01:26:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0703WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



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

Report of Analysis

Client:	M2 Associates	Date Collected:	
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	
Client Sample ID:	VX0703WBSD01	SDG No.:	Q2455
Lab Sample ID:	VX0703WBSD01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046874.D	1	07/03/25 10:23	VX070325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	19.3		0.22	1.00	ug/L
74-87-3	Chloromethane	19.4		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	19.1		0.26	1.00	ug/L
74-83-9	Bromomethane	20.5		1.40	5.00	ug/L
75-00-3	Chloroethane	18.8		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	19.5		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	19.6		0.25	1.00	ug/L
75-65-0	Tert butyl alcohol	97.8		5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	19.2		0.23	1.00	ug/L
67-64-1	Acetone	91.0		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	18.5		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	20.5		0.16	1.00	ug/L
79-20-9	Methyl Acetate	20.5		0.27	1.00	ug/L
75-09-2	Methylene Chloride	19.9		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	19.9		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	19.6		0.23	1.00	ug/L
110-82-7	Cyclohexane	20.1		1.50	5.00	ug/L
78-93-3	2-Butanone	98.7		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	19.5		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	19.9		0.19	1.00	ug/L
74-97-5	Bromochloromethane	17.5		0.22	1.00	ug/L
67-66-3	Chloroform	20.1		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	19.4		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	19.3		0.16	1.00	ug/L
71-43-2	Benzene	19.8		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	20.3		0.22	1.00	ug/L
79-01-6	Trichloroethene	18.9		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	19.9		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	20.0		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	100		0.68	5.00	ug/L

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

Report of Analysis

Client:	M2 Associates	Date Collected:	
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	
Client Sample ID:	VX0703WBSD01	SDG No.:	Q2455
Lab Sample ID:	VX0703WBSD01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046874.D	1	07/03/25 10:23	VX070325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-88-3	Toluene	20.1		0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	19.8		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	20.3		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	20.7		0.21	1.00	ug/L
591-78-6	2-Hexanone	100		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	20.0		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	20.1		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	19.3		0.23	1.00	ug/L
108-90-7	Chlorobenzene	19.4		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	19.7		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	39.9		0.24	2.00	ug/L
95-47-6	o-Xylene	19.7		0.12	1.00	ug/L
100-42-5	Styrene	20.1		0.15	1.00	ug/L
75-25-2	Bromoform	19.3		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	19.2		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	19.4		0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	19.4		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	18.8		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	19.5		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	18.9		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	18.3		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	19.5		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.3		70 (74) - 130 (125)	103%	SPK: 50
1868-53-7	Dibromofluoromethane	49.8		70 (75) - 130 (124)	100%	SPK: 50
2037-26-5	Toluene-d8	49.3		70 (86) - 130 (113)	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.1		70 (77) - 130 (121)	102%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	340000	5.556			
540-36-3	1,4-Difluorobenzene	568000	6.763			
3114-55-4	Chlorobenzene-d5	518000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	270000	12.018			

Raw Data: **VX046874.D**

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

Report of Analysis

Client:	M2 Associates	Date Collected:	
Project:	143 Red Lion Rd Southampton Twp, NJ	Date Received:	
Client Sample ID:	VX0703WBSD01	SDG No.:	Q2455
Lab Sample ID:	VX0703WBSD01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046874.D	1	07/03/25 10:23	VX070325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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\VX070325\
Data File : VX046874.D
Acq On : 03 Jul 2025 10:23
Operator : JC/MD
Sample : VX0703WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 04 01:27:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0703WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	339915	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	568093	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	517645	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	269874	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	230519	51.334	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.660%			
35) Dibromofluoromethane	5.391	113	191861	49.754	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.500%			
50) Toluene-d8	8.647	98	671040	49.321	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.640%			
62) 4-Bromofluorobenzene	11.079	95	264089	51.072	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.140%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.179	85	62729	19.296	ug/l	98
3) Chloromethane	1.307	50	69050	19.441	ug/l	98
4) Vinyl Chloride	1.386	62	73973	19.126	ug/l	97
5) Bromomethane	1.630	94	51002	20.523	ug/l	97
6) Chloroethane	1.703	64	48021	18.803	ug/l	94
7) Trichlorofluoromethane	1.904	101	116515	19.483	ug/l	98
8) Diethyl Ether	2.142	74	43182	20.290	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.343	101	74499	19.550	ug/l	99
10) Methyl Iodide	2.471	142	82580	19.891	ug/l	99
11) Tert butyl alcohol	2.947	59	28802	97.794	ug/l	99
12) 1,1-Dichloroethene	2.337	96	70748	19.194	ug/l	99
13) Acrolein	2.246	56	31524	98.601	ug/l	97
14) Allyl chloride	2.678	41	127246	19.390	ug/l	99
15) Acrylonitrile	3.069	53	169062	99.285	ug/l	99
16) Acetone	2.386	43	126884	90.964	ug/l	100
17) Carbon Disulfide	2.526	76	178758	18.493	ug/l	100
18) Methyl Acetate	2.715	43	75310	20.484	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	213289	20.491	ug/l	99
20) Methylene Chloride	2.800	84	81945	19.867	ug/l	97
21) trans-1,2-Dichloroethene	3.105	96	75072	19.904	ug/l	99
22) Diisopropyl ether	3.764	45	265963	20.978	ug/l #	83
23) Vinyl Acetate	3.727	43	972517	102.390	ug/l	99
24) 1,1-Dichloroethane	3.623	63	142037	19.644	ug/l	99
25) 2-Butanone	4.556	43	183656	98.685	ug/l	99
26) 2,2-Dichloropropane	4.483	77	100620	18.699	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	91771	19.929	ug/l	100
28) Bromochloromethane	4.904	49	62290	17.456	ug/l	97
29) Tetrahydrofuran	5.007	42	121593	102.495	ug/l	99
30) Chloroform	5.105	83	148570	20.113	ug/l	94
31) Cyclohexane	5.483	56	128775	20.062	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	120018	19.447	ug/l	97
36) 1,1-Dichloropropene	5.702	75	100414	19.300	ug/l	99
37) Ethyl Acetate	4.721	43	80747	18.222	ug/l	99
38) Carbon Tetrachloride	5.684	117	107033	19.458	ug/l	99
39) Methylcyclohexane	7.385	83	125862	19.339	ug/l	98
40) Benzene	6.044	78	311436	19.790	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046874.D
Acq On : 03 Jul 2025 10:23
Operator : JC/MD
Sample : VX0703WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 04 01:27:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0703WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.922	41	46583	19.706	ug/l		97
42) 1,2-Dichloroethane	6.092	62	108647	20.332	ug/l		99
43) Isopropyl Acetate	6.342	43	135993	20.036	ug/l		99
44) Trichloroethene	7.129	130	77478	18.913	ug/l		85
45) 1,2-Dichloropropane	7.434	63	79235	19.929	ug/l		95
46) Dibromomethane	7.586	93	54568	19.808	ug/l		99
47) Bromodichloromethane	7.824	83	117624	19.997	ug/l		98
48) Methyl methacrylate	7.696	41	70912	20.233	ug/l		97
49) 1,4-Dioxane	7.659	88	16565	407.913	ug/l		99
51) 4-Methyl-2-Pentanone	8.568	43	407426	101.708	ug/l		100
52) Toluene	8.714	92	195560	20.054	ug/l		100
53) t-1,3-Dichloropropene	8.976	75	103725	19.759	ug/l		97
54) cis-1,3-Dichloropropene	8.366	75	121606	20.295	ug/l		98
55) 1,1,2-Trichloroethane	9.147	97	75284	20.726	ug/l		98
56) Ethyl methacrylate	9.116	69	102805	20.449	ug/l		100
57) 1,3-Dichloropropane	9.305	76	127139	20.328	ug/l		98
58) 2-Chloroethyl Vinyl ether	8.238	63	267457	94.419	ug/l		100
59) 2-Hexanone	9.427	43	273252	102.840	ug/l		99
60) Dibromochloromethane	9.519	129	87002	20.015	ug/l		100
61) 1,2-Dibromoethane	9.610	107	73148	20.052	ug/l		99
64) Tetrachloroethene	9.269	164	66459	19.283	ug/l		95
65) Chlorobenzene	10.080	112	216580	19.352	ug/l		97
66) 1,1,1,2-Tetrachloroethane	10.159	131	73712	19.593	ug/l		99
67) Ethyl Benzene	10.189	91	377341	19.688	ug/l		100
68) m/p-Xylenes	10.299	106	287999	39.877	ug/l		99
69) o-Xylene	10.640	106	137563	19.719	ug/l		99
70) Styrene	10.653	104	240484	20.148	ug/l		99
71) Bromoform	10.799	173	54017	19.310	ug/l	#	98
73) Isopropylbenzene	10.957	105	363745	19.173	ug/l		99
74) N-amyl acetate	10.842	43	120882	18.751	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	101199	19.399	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	81097m	19.448	ug/l		
77) Bromobenzene	11.195	156	90550	19.162	ug/l		99
78) n-propylbenzene	11.299	91	434180	18.980	ug/l		100
79) 2-Chlorotoluene	11.360	91	259147	19.186	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	300217	19.476	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	27189	17.497	ug/l		96
82) 4-Chlorotoluene	11.451	91	300371	19.270	ug/l		99
83) tert-Butylbenzene	11.713	119	310012	19.472	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	303925	19.506	ug/l		99
85) sec-Butylbenzene	11.884	105	388639	19.361	ug/l		100
86) p-Isopropyltoluene	12.006	119	325932	19.389	ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	171703	19.428	ug/l		99
88) 1,4-Dichlorobenzene	12.037	146	173114	18.821	ug/l		99
89) n-Butylbenzene	12.329	91	300821	19.045	ug/l		100
90) Hexachloroethane	12.536	117	55235	18.535	ug/l		97
91) 1,2-Dichlorobenzene	12.329	146	167127	19.514	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	17286	18.945	ug/l		96
93) 1,2,4-Trichlorobenzene	13.585	180	106589	18.320	ug/l		98
94) Hexachlorobutadiene	13.719	225	41848	19.072	ug/l		99
95) Naphthalene	13.774	128	298705	19.483	ug/l		99
96) 1,2,3-Trichlorobenzene	13.957	180	106976	19.459	ug/l		99

Sample Results: **VX046874.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046874.D
Acq On : 03 Jul 2025 10:23
Operator : JC/MD
Sample : VX0703WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0703WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025

Quant Time: Jul 04 01:27:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

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

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

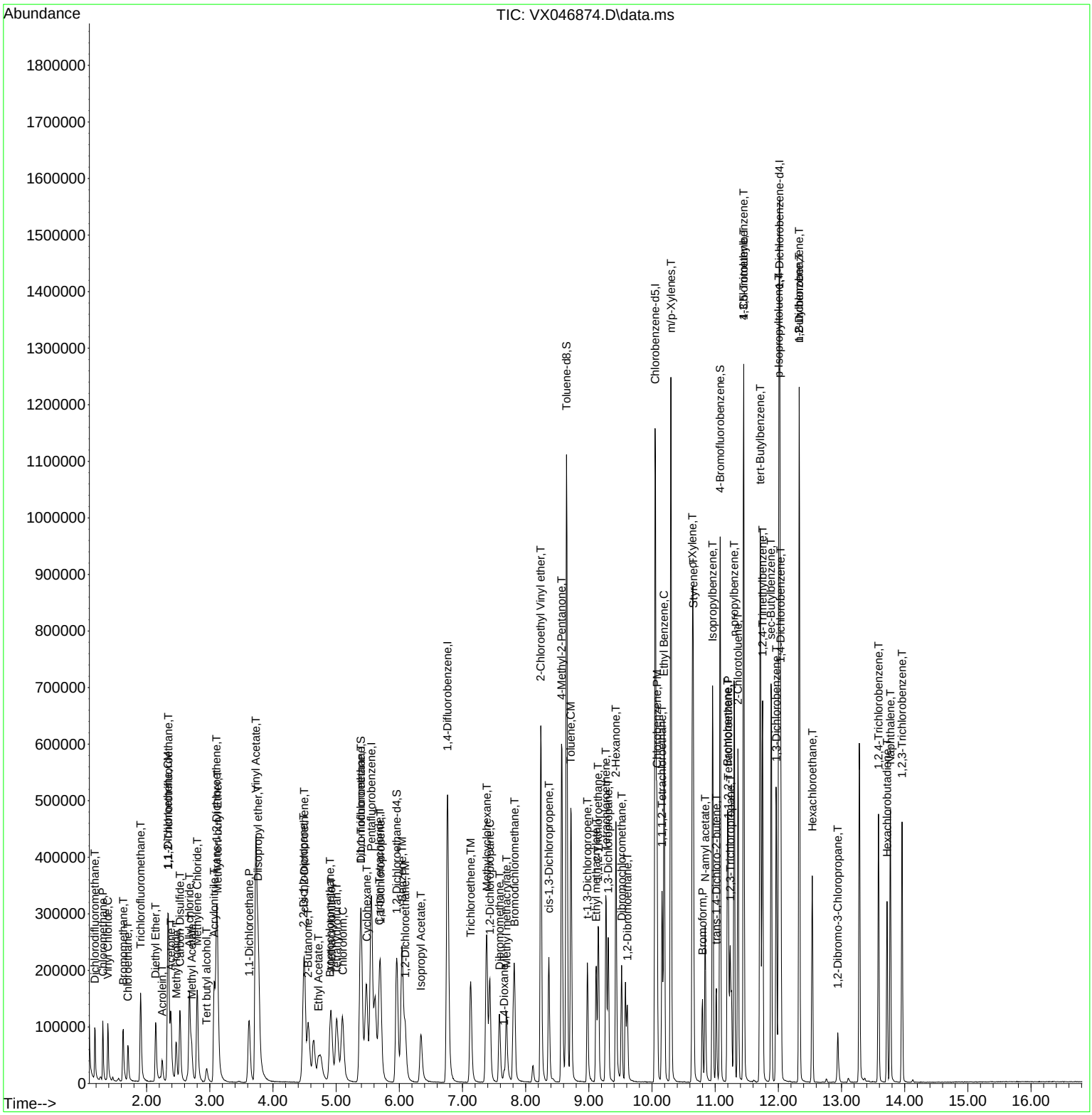
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046874.D
Acq On : 03 Jul 2025 10:23
Operator : JC/MD
Sample : VX0703WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 04 01:27:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0703WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



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

Manual Integration Report

Sequence:	VX070225	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC001	VX046860.D	1,2,3-Trichloropropane	JOHN	7/3/2025 8:43:52 AM	MMDadoda	7/3/2025 3:09:42 PM	Peak Integrated by Software
VSTDICC001	VX046860.D	1,4-Dichlorobenzene	JOHN	7/3/2025 8:43:52 AM	MMDadoda	7/3/2025 3:09:42 PM	Peak Integrated by Software
VSTDICC001	VX046860.D	1,4-Dioxane	JOHN	7/3/2025 8:43:52 AM	MMDadoda	7/3/2025 3:09:42 PM	Peak Integrated by Software
VSTDICC001	VX046860.D	2-Butanone	JOHN	7/3/2025 8:43:52 AM	MMDadoda	7/3/2025 3:09:42 PM	Peak Integrated by Software
VSTDICC001	VX046860.D	Acrylonitrile	JOHN	7/3/2025 8:43:52 AM	MMDadoda	7/3/2025 3:09:42 PM	Peak Integrated by Software
VSTDICC001	VX046860.D	Carbon Tetrachloride	JOHN	7/3/2025 8:43:52 AM	MMDadoda	7/3/2025 3:09:42 PM	Peak Integrated by Software
VSTDICC001	VX046860.D	Ethyl Acetate	JOHN	7/3/2025 8:43:52 AM	MMDadoda	7/3/2025 3:09:42 PM	Peak Integrated by Software
VSTDICC001	VX046860.D	Methacrylonitrile	JOHN	7/3/2025 8:43:52 AM	MMDadoda	7/3/2025 3:09:42 PM	Peak Integrated by Software
VSTDICC005	VX046861.D	1,2,3-Trichloropropane	JOHN	7/3/2025 8:43:57 AM	MMDadoda	7/3/2025 3:09:44 PM	Peak Integrated by Software
VSTDICC020	VX046862.D	1,2,3-Trichloropropane	JOHN	7/3/2025 8:44:01 AM	MMDadoda	7/3/2025 3:09:46 PM	Peak Integrated by Software
VSTDICCC050	VX046863.D	1,2,3-Trichloropropane	JOHN	7/3/2025 8:44:05 AM	MMDadoda	7/3/2025 3:09:47 PM	Peak Integrated by Software
VSTDICC100	VX046864.D	1,2,3-Trichloropropane	JOHN	7/3/2025 8:44:09 AM	MMDadoda	7/3/2025 3:09:49 PM	Peak Integrated by Software
VSTDICC150	VX046865.D	1,2,3-Trichloropropane	JOHN	7/3/2025 8:44:13 AM	MMDadoda	7/3/2025 3:09:51 PM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	VX070225	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICV050	VX046867.D	1,2,3-Trichloropropane	JOHN	7/3/2025 8:44:17 AM	MMDadoda	7/3/2025 3:09:53 PM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	VX070325	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX046869.D	1,2,3-Trichloropropane	JOHN	7/7/2025 9:13:58 AM	MMDadoda	7/7/2025 2:13:37 PM	Peak Integrated by Software
VX0703WBS01	VX046873.D	1,2,3-Trichloropropane	JOHN	7/7/2025 9:14:03 AM	MMDadoda	7/7/2025 2:13:38 PM	Peak Integrated by Software
VX0703WBSD01	VX046874.D	1,2,3-Trichloropropane	JOHN	7/7/2025 9:14:10 AM	MMDadoda	7/7/2025 2:13:40 PM	Peak Integrated by Software
Q2455-01	VX046875.D	sec-Butylbenzene	JOHN	7/7/2025 9:14:16 AM	MMDadoda	7/7/2025 2:13:41 PM	Peak Integrated by Software
Q2455-03	VX046876.D	sec-Butylbenzene	JOHN	7/7/2025 9:14:20 AM	MMDadoda	7/7/2025 2:13:43 PM	Peak Integrated by Software
VSTDCCC050	VX046890.D	1,2,3-Trichloropropane	JOHN	7/7/2025 9:17:02 AM	MMDadoda	7/7/2025 2:13:47 PM	Peak Integrated by Software

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

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX070225

Review By	John Carlone	Review On	7/3/2025 8:44:30 AM		
Supervise By	Mahesh Dadoda	Supervise On	7/3/2025 3:09:59 PM		
SubDirectory	VX070225	HP Acquire Method		HP Processing Method	82X070225W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134642
Initial Calibration Stds	VP134633,VP134634,VP134635,VP134638,VP134639,VP134640
CCC	
Internal Standard/PEM	
ICV/I.BLK	VP134641
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX046859.D	02 Jul 2025 11:12	JC/MD	Ok
2	VSTDICC001	VX046860.D	02 Jul 2025 12:11	JC/MD	Ok,M
3	VSTDICC005	VX046861.D	02 Jul 2025 12:37	JC/MD	Ok,M
4	VSTDICC020	VX046862.D	02 Jul 2025 13:18	JC/MD	Ok,M
5	VSTDICCC050	VX046863.D	02 Jul 2025 13:39	JC/MD	Ok,M
6	VSTDICC100	VX046864.D	02 Jul 2025 14:10	JC/MD	Ok,M
7	VSTDICC150	VX046865.D	02 Jul 2025 14:31	JC/MD	Ok,M
8	VIBLK	VX046866.D	02 Jul 2025 14:53	JC/MD	Ok
9	VSTDICV050	VX046867.D	02 Jul 2025 15:14	JC/MD	Ok,M

M : Manual Integration

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

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX070325

Review By	John Carlone	Review On	7/7/2025 9:19:20 AM		
Supervise By	Mahesh Dadoda	Supervise On	7/7/2025 2:14:03 PM		
SubDirectory	VX070325	HP Acquire Method		HP Processing Method	82X070225W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134621
Initial Calibration Stds	
CCC	VP134622,VP134623
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX046868.D	03 Jul 2025 07:52	JC/MD	Ok
2	VSTDCCC050	VX046869.D	03 Jul 2025 08:19	JC/MD	Ok,M
3	VX0703MBL01	VX046870.D	03 Jul 2025 08:42	JC/MD	Ok
4	VX0703WBL01	VX046871.D	03 Jul 2025 09:09	JC/MD	Ok
5	Q2458-10	VX046872.D	03 Jul 2025 09:35	JC/MD	Ok
6	VX0703WBS01	VX046873.D	03 Jul 2025 09:56	JC/MD	Ok,M
7	VX0703WBSD01	VX046874.D	03 Jul 2025 10:23	JC/MD	Ok,M
8	Q2455-01	VX046875.D	03 Jul 2025 10:44	JC/MD	Ok,M
9	Q2455-03	VX046876.D	03 Jul 2025 11:04	JC/MD	Ok,M
10	Q2455-02	VX046877.D	03 Jul 2025 11:25	JC/MD	Ok
11	Q2455-04	VX046878.D	03 Jul 2025 11:46	JC/MD	Ok
12	Q2447-07ME	VX046879.D	03 Jul 2025 12:07	JC/MD	Ok
13	VX0703MBS01	VX046880.D	03 Jul 2025 12:27	JC/MD	Ok,M
14	IBLK	VX046881.D	03 Jul 2025 12:53	JC/MD	Ok
15	Q2501-01	VX046882.D	03 Jul 2025 13:13	JC/MD	Ok
16	Q2501-02	VX046883.D	03 Jul 2025 13:34	JC/MD	Ok
17	Q2501-03	VX046884.D	03 Jul 2025 13:55	JC/MD	Ok
18	Q2501-04	VX046885.D	03 Jul 2025 14:16	JC/MD	Ok
19	Q2503-01	VX046886.D	03 Jul 2025 14:37	JC/MD	Ok
20	Q2503-02	VX046887.D	03 Jul 2025 14:58	JC/MD	Ok
21	Q2465-02	VX046888.D	03 Jul 2025 15:19	JC/MD	Ok,M

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Fax : 908 789 8922

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX070325

Review By	John Carlone	Review On	7/7/2025 9:19:20 AM		
Supervise By	Mahesh Dadoda	Supervise On	7/7/2025 2:14:03 PM		
SubDirectory	VX070325	HP Acquire Method		HP Processing Method	82X070225W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134621
Initial Calibration Stds	
CCC	VP134622,VP134623
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2509-01	VX046889.D	03 Jul 2025 15:40	JC/MD	Ok
23	VSTDCCC050	VX046890.D	03 Jul 2025 16:03	JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX070225

Review By	John Carlone	Review On	7/3/2025 8:44:30 AM		
Supervise By	Mahesh Dadoda	Supervise On	7/3/2025 3:09:59 PM		
SubDirectory	VX070225	HP Acquire Method		HP Processing Method	82X070225W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134642
Initial Calibration Stds	VP134633,VP134634,VP134635,VP134638,VP134639,VP134640
CCC	
Internal Standard/PEM	
ICV/I.BLK	VP134641
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX046859.D	02 Jul 2025 11:12		JC/MD	Ok
2	VSTDICC001	VSTDICC001	VX046860.D	02 Jul 2025 12:11		JC/MD	Ok,M
3	VSTDICC005	VSTDICC005	VX046861.D	02 Jul 2025 12:37	%D Failed for com.#13 in 5 ppb	JC/MD	Ok,M
4	VSTDICC020	VSTDICC020	VX046862.D	02 Jul 2025 13:18		JC/MD	Ok,M
5	VSTDICCC050	VSTDICCC050	VX046863.D	02 Jul 2025 13:39	LR-13	JC/MD	Ok,M
6	VSTDICC100	VSTDICC100	VX046864.D	02 Jul 2025 14:10		JC/MD	Ok,M
7	VSTDICC150	VSTDICC150	VX046865.D	02 Jul 2025 14:31		JC/MD	Ok,M
8	VIBLK	VIBLK	VX046866.D	02 Jul 2025 14:53		JC/MD	Ok
9	VSTDICV050	ICVVX070225	VX046867.D	02 Jul 2025 15:14		JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX070325

Review By	John Carlone	Review On	7/7/2025 9:19:20 AM		
Supervise By	Mahesh Dadoda	Supervise On	7/7/2025 2:14:03 PM		
SubDirectory	VX070325	HP Acquire Method		HP Processing Method	82X070225W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134621
Initial Calibration Stds	
CCC	VP134622,VP134623
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	VX046868.D	03 Jul 2025 07:52		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX046869.D	03 Jul 2025 08:19	pH#Lot#V12668	JC/MD	Ok,M
3	VX0703MBL01	VX0703MBL01	VX046870.D	03 Jul 2025 08:42		JC/MD	Ok
4	VX0703WBL01	VX0703WBL01	VX046871.D	03 Jul 2025 09:09		JC/MD	Ok
5	Q2458-10	FB-06272025	VX046872.D	03 Jul 2025 09:35	vial A pH<2 FB	JC/MD	Ok
6	VX0703WBS01	VX0703WBS01	VX046873.D	03 Jul 2025 09:56		JC/MD	Ok,M
7	VX0703WBSD01	VX0703WBSD01	VX046874.D	03 Jul 2025 10:23		JC/MD	Ok,M
8	Q2455-01	MW1	VX046875.D	03 Jul 2025 10:44	vial A pH<2	JC/MD	Ok,M
9	Q2455-03	MW10	VX046876.D	03 Jul 2025 11:04	vial A pH<2	JC/MD	Ok,M
10	Q2455-02	MW3	VX046877.D	03 Jul 2025 11:25	vial A pH<2	JC/MD	Ok
11	Q2455-04	FIELD-BLANK	VX046878.D	03 Jul 2025 11:46	vial A pH<2 FB	JC/MD	Ok
12	Q2447-07ME	LAW-25-0100ME	VX046879.D	03 Jul 2025 12:07		JC/MD	Ok
13	VX0703MBS01	VX0703MBS01	VX046880.D	03 Jul 2025 12:27		JC/MD	Ok,M
14	IBLK	IBLK	VX046881.D	03 Jul 2025 12:53		JC/MD	Ok
15	Q2501-01	STORAGE-BLANK-SO	VX046882.D	03 Jul 2025 13:13	vial A pH<2	JC/MD	Ok
16	Q2501-02	STORAGE-BLANK-WA	VX046883.D	03 Jul 2025 13:34	vial A pH<2	JC/MD	Ok
17	Q2501-03	STORAGE-BLANK-WA	VX046884.D	03 Jul 2025 13:55	vial A pH<2	JC/MD	Ok
18	Q2501-04	STORAGE-BLANK-SA	VX046885.D	03 Jul 2025 14:16	vial A pH<2	JC/MD	Ok

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Fax : 908 789 8922

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX070325

Review By	John Carlone	Review On	7/7/2025 9:19:20 AM		
Supervise By	Mahesh Dadoda	Supervise On	7/7/2025 2:14:03 PM		
SubDirectory	VX070325	HP Acquire Method		HP Processing Method	82X070225W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134621
Initial Calibration Stds	
CCC	VP134622,VP134623
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q2503-01	GCAP2W	VX046886.D	03 Jul 2025 14:37	vial A pH<2	JC/MD	Ok
20	Q2503-02	GCAP3W	VX046887.D	03 Jul 2025 14:58	vial A pH<2	JC/MD	Ok
21	Q2465-02	62025-B	VX046888.D	03 Jul 2025 15:19	vial A pH<2 oily dark sample	JC/MD	Ok,M
22	Q2509-01	AUD-25-0110-0111	VX046889.D	03 Jul 2025 15:40	vial A pH<2 turbid sample	JC/MD	Ok
23	VSTDCCC050	VSTDCCC050EC	VX046890.D	03 Jul 2025 16:03		JC/MD	Ok,M

M : Manual Integration

SHIPPING DOCUMENTS

CHEMTECH
CHAIN OF CUSTODY RECORD

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

CHEMTECH PROJECT NO.
QUOTE NO. Q2455
COC Number 2036082

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: M2 Associates Inc.
ADDRESS: 56 Country Acres Dr
CITY Hampton STATE: NJ ZIP: 08827
ATTENTION: Matt Mallon
PHONE: 908-238-0827 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: 143 Red Lion Rd.
PROJECT NO.: LOCATION: Vincentown
PROJECT MANAGER: Matt Mallon
e-mail: M2-gw@Comcast.Net
PHONE: 908-238-0827 FAX:

CLIENT BILLING INFORMATION

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

DATA TURNAROUND INFORMATION

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

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 NJ Haz-Site

ANALYSIS

1 VOCs + MTBE + BA; 2–9

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9
1.	MW1	H2O		✓	6-27	11:40	2	X								
2.	MW3			✓	6-27	12:00	2	X								
3.	MW10			✓	6-27	11:30	2	X								
4.	Field Blank			✓	6-27	11:30	2	X								
5.																
6.																
7.																
8.																
9.																
10.																

A

COMMENTS

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

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

	DATE/TIME:	RECEIVED BY:
1. RELINQUISHED BY SAMPLER:	6/27 13:40	1.
2. RELINQUISHED BY SAMPLER:	DATE/TIME:	2.
3. RELINQUISHED BY SAMPLER:	DATE/TIME:	3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 2.8 °C
Comments: IR Gun #1

Page ____ of ____

CLIENT: ☐ Hand Delivered ☐ Other _____
CHEMTECH: ☐ Picked Up ☐ Field Sampling

Shipment Complete ☐ YES ☐ NO

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

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488

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 : Q2455 M2AS01
Client Name : M2 Associates
Client Contact : Matt Mulhall
Invoice Name : M2 Associates
Invoice Contact : Matt Mulhall

Order Date : 6/27/2025 1:53:00 PM
Project Name : 143 Red Lion Rd Southamp
Receive DateTime : 6/27/2025 1:40:00 PM
Purchase Order :

Project Mgr :
Report Type : NJ Reduced
EDD Type : HAZ/EXCEL
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2455-01	MW1	Water	06/27/2025	11:40					
					VOCMS Group2		8260-Low		10 Bus. Days
Q2455-02	MW3	Water	06/27/2025	12:00					
					VOCMS Group2		8260-Low		10 Bus. Days
Q2455-03	MW10	Water	06/27/2025	11:30					
					VOCMS Group2		8260-Low		10 Bus. Days
Q2455-04	FIELD-BLANK	Water	06/27/2025	11:30					
					VOCMS Group2		8260-Low		10 Bus. Days

Relinguished By :
Date / Time : 6/27/25 1425

Received By : Sam
Date / Time : 06/27/25 14:25

Storage Area : VOA Refridgerator Room