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:	Q2637	**OrderDate:**	7/18/2025 8:20:00 AM
Client:	Chemtech Consulting Group	**Project:**	Weekly Storage Blanks
Contact:	QA Officer	**Location:**	D31,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2637-01	**STORAGE-BLANK-SOIL-REF-6**	**Water**			**07/11/25**			**07/18/25**
			VOC- Chemtech Full	8260-Low			07/18/25	
Q2637-02	**STORAGE-BLANK-WATER-REF-5**	**Water**			**07/11/25**			**07/18/25**
			VOC- Chemtech Full	8260-Low			07/18/25	
Q2637-03	**STORAGE-BLANK-WATER-REF-4**	**Water**			**07/11/25**			**07/18/25**
			VOC- Chemtech Full	8260-Low			07/18/25	
Q2637-04	**STORAGE-BLANK-SAMPLE-MANAGEMENT**	**Water**			**07/11/25**			**07/18/25**
			VOC- Chemtech Full	8260-Low			07/18/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2637

Client: Chemtech Consulting Group

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:								
				0				

Total Voc :

Total Concentration:

QC SUMMARY

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Surrogate Summary

SDG No.: Q2637

Client: Chemtech Consulting Group

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q2637-01	STORAGE-BLANK-SOIL-REF-6	1,2-Dichloroethane-d4	50	53.8	108		74	125
		Dibromofluoromethane	50	48.8	98		75	124
		Toluene-d8	50	50.8	102		86	113
		4-Bromofluorobenzene	50	52.9	106		77	121
Q2637-02	STORAGE-BLANK-WATER-REF-5	1,2-Dichloroethane-d4	50	55.0	110		74	125
		Dibromofluoromethane	50	48.9	98		75	124
		Toluene-d8	50	50.1	100		86	113
		4-Bromofluorobenzene	50	52.6	105		77	121
Q2637-03	STORAGE-BLANK-WATER-REF-4	1,2-Dichloroethane-d4	50	53.8	108		74	125
		Dibromofluoromethane	50	49.1	98		75	124
		Toluene-d8	50	50.2	100		86	113
		4-Bromofluorobenzene	50	52.7	105		77	121
Q2637-04	STORAGE-BLANK-SAMPLE-MANAC	1,2-Dichloroethane-d4	50	53.3	107		74	125
		Dibromofluoromethane	50	48.4	97		75	124
		Toluene-d8	50	50.4	101		86	113
		4-Bromofluorobenzene	50	53.1	106		77	121
VX0718WBL01	VX0718WBL01	1,2-Dichloroethane-d4	50	53.5	107		74	125
		Dibromofluoromethane	50	49.3	99		75	124
		Toluene-d8	50	50.4	101		86	113
		4-Bromofluorobenzene	50	53.5	107		77	121
VX0718WBS01	VX0718WBS01	1,2-Dichloroethane-d4	50	53.7	107		74	125
		Dibromofluoromethane	50	50.5	101		75	124
		Toluene-d8	50	51.1	102		86	113
		4-Bromofluorobenzene	50	52.6	105		77	121
VX0718WBSD0	VX0718WBSD01	1,2-Dichloroethane-d4	50	56.6	113		74	125
		Dibromofluoromethane	50	51.0	102		75	124
		Toluene-d8	50	51.8	103		86	113
		4-Bromofluorobenzene	50	53.0	106		77	121

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	**Q2637**	**Analytical Method:**	**SW8260-Low**
Client:	**Chemtech Consulting Group**	**Datafile :**	VX047041.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0718WBS01	Dichlorodifluoromethane	20	18.5	ug/L	93			69	116	
	Chloromethane	20	16.8	ug/L	84			65	116	
	Vinyl chloride	20	17.4	ug/L	87			65	117	
	Ethyl Acetate	20	21.3	ug/L	106			75	115	
	Bromomethane	20	16.6	ug/L	83			58	125	
	Chloroethane	20	17.7	ug/L	89			56	128	
	Trichlorofluoromethane	20	19.2	ug/L	96			73	115	
	1,1,2-Trichlorotrifluoroethane	20	19.3	ug/L	97			80	112	
	Tert butyl alcohol	100	150	ug/L	150		*	48	142	
	1,1-Dichloroethene	20	18.3	ug/L	92			74	110	
	Acrolein	100	28.6	ug/L	29			28	144	
	Acrylonitrile	100	110	ug/L	110			73	113	
	Acetone	100	110	ug/L	110			60	125	
	Carbon disulfide	20	14.3	ug/L	72			64	112	
	Methyl tert-butyl Ether	20	22.4	ug/L	112			78	114	
	Methyl Acetate	20	31.5	ug/L	158		*	67	125	
	Methylene Chloride	20	19.6	ug/L	98			72	114	
	trans-1,2-Dichloroethene	20	18.5	ug/L	93			75	108	
	Vinyl Acetate	100	110	ug/L	110			76	115	
	1,1-Dichloroethane	20	19.8	ug/L	99			78	112	
	Cyclohexane	20	18.7	ug/L	94			75	110	
	2-Butanone	100	130	ug/L	130		*	65	122	
	Carbon Tetrachloride	20	19.1	ug/L	96			77	113	
	2,2-Dichloropropane	20	20.8	ug/L	104			56	164	
	cis-1,2-Dichloroethene	20	19.5	ug/L	98			77	110	
	Bromochloromethane	20	21.2	ug/L	106			70	124	
	Chloroform	20	20.2	ug/L	101			79	113	
	1,1,1-Trichloroethane	20	20.3	ug/L	102			80	108	
	Methylcyclohexane	20	18.6	ug/L	93			72	115	
	1,1-Dichloropropene	20	19.3	ug/L	97			79	110	
	Benzene	20	19.5	ug/L	98			82	109	
	1,2-Dichloroethane	20	21.1	ug/L	106			80	115	
	Trichloroethene	20	18.7	ug/L	94			77	113	
	1,2-Dichloropropane	20	19.9	ug/L	100			83	111	
	Dibromomethane	20	20.5	ug/L	103			82	110	
	Bromodichloromethane	20	20.0	ug/L	100			83	110	
	4-Methyl-2-Pentanone	100	120	ug/L	120		*	74	118	
	Toluene	20	19.6	ug/L	98			82	110	
	t-1,3-Dichloropropene	20	21.1	ug/L	106			79	110	
	cis-1,3-Dichloropropene	20	20.6	ug/L	103			82	110	
	1,1,2-Trichloroethane	20	21.1	ug/L	106			83	112	
	1,3-Dichloropropane	20	20.8	ug/L	104			83	111	
	2-Chloroethyl vinyl ether	100	100	ug/L	100			75	124	
	2-Hexanone	100	130	ug/L	130		*	73	117	
	Dibromochloromethane	20	19.8	ug/L	99			82	110	
	1,2-Dibromoethane	20	21.4	ug/L	107			81	110	
	Tetrachloroethene	20	19.4	ug/L	97			67	123	
	Chlorobenzene	20	19.9	ug/L	100			82	109	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	**Q2637**	**Analytical Method:**	**SW8260-Low**
Client:	**Chemtech Consulting Group**	**Datafile :**	VX047041.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0718WBS01	1,1,1,2-Tetrachloroethane	20	20.2	ug/L	101			84	111	
	Hexachloroethane	20	20.2	ug/L	101			80	113	
	Ethyl Benzene	20	20.3	ug/L	102			83	109	
	m/p-Xylenes	40	40.7	ug/L	102			82	110	
	o-Xylene	20	20.2	ug/L	101			83	109	
	Styrene	20	20.8	ug/L	104			80	111	
	Bromoform	20	20.6	ug/L	103			79	109	
	Isopropylbenzene	20	21.1	ug/L	106			83	112	
	1,1,2,2-Tetrachloroethane	20	22.4	ug/L	112			76	118	
	1,2,3-Trichloropropane	20	22.9	ug/L	115		*	75	112	
	Bromobenzene	20	19.8	ug/L	99			77	116	
	N-propylbenzene	20	20.8	ug/L	104			83	112	
	2-Chlorotoluene	20	21.2	ug/L	106			83	110	
	1,3,5-Trimethylbenzene	20	21.6	ug/L	108			85	112	
	4-Chlorotoluene	20	21.5	ug/L	108			82	110	
	tert-Butylbenzene	20	21.1	ug/L	106			83	112	
	1,2,4-Trimethylbenzene	20	21.6	ug/L	108			85	111	
	Sec-butylbenzene	20	21.1	ug/L	106			81	114	
	p-Isopropyltoluene	20	20.9	ug/L	104			78	116	
	1,3-Dichlorobenzene	20	20.6	ug/L	103			82	108	
	1,4-Dichlorobenzene	20	20.0	ug/L	100			82	107	
	n-Butylbenzene	20	20.8	ug/L	104			75	115	
	1,2-Dichlorobenzene	20	20.4	ug/L	102			82	109	
	1,2-Dibromo-3-Chloropropane	20	25.0	ug/L	125		*	68	112	
	1,2,4-Trichlorobenzene	20	20.4	ug/L	102			75	113	
	Hexachlorobutadiene	20	20.0	ug/L	100			81	121	
	Naphthalene	20	22.9	ug/L	115			78	119	
	1,2,3-Trichlorobenzene	20	20.5	ug/L	103			76	114	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	**Q2637**	**Analytical Method:**	**SW8260-Low**
Client:	**Chemtech Consulting Group**	**Datafile :**	VX047042.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0718WBSD01	Dichlorodifluoromethane	20	18.3	ug/L	92	1		69	116	19
	Chloromethane	20	16.8	ug/L	84	0		65	116	21
	Vinyl chloride	20	17.1	ug/L	86	1		65	117	19
	Ethyl Acetate	20	21.5	ug/L	108	2		75	115	27
	Bromomethane	20	17.1	ug/L	86	4		58	125	20
	Chloroethane	20	17.1	ug/L	86	3		56	128	20
	Trichlorofluoromethane	20	18.3	ug/L	92	4		73	115	16
	1,1,2-Trichlorotrifluoroethane	20	18.8	ug/L	94	3		80	112	15
	Tert butyl alcohol	100	150	ug/L	150	0	*	48	142	30
	1,1-Dichloroethene	20	17.7	ug/L	89	3		74	110	20
	Acrolein	100	30.7	ug/L	31	7		28	144	30
	Acrylonitrile	100	120	ug/L	120	9	*	73	113	29
	Acetone	100	110	ug/L	110	0		60	125	20
	Carbon disulfide	20	14.3	ug/L	72	0		64	112	20
	Methyl tert-butyl Ether	20	23.1	ug/L	116	4	*	78	114	20
	Methyl Acetate	20	33.1	ug/L	166	5	*	67	125	20
	Methylene Chloride	20	19.4	ug/L	97	1		72	114	20
	trans-1,2-Dichloroethene	20	18.3	ug/L	92	1		75	108	16
	Vinyl Acetate	100	110	ug/L	110	0		76	115	26
	1,1-Dichloroethane	20	19.8	ug/L	99	0		78	112	20
	Cyclohexane	20	18.9	ug/L	95	1		75	110	20
	2-Butanone	100	130	ug/L	130	0	*	65	122	26
	Carbon Tetrachloride	20	19.3	ug/L	97	1		77	113	15
	2,2-Dichloropropane	20	20.3	ug/L	102	2		56	164	20
	cis-1,2-Dichloroethene	20	19.6	ug/L	98	0		77	110	20
	Bromochloromethane	20	21.7	ug/L	109	3		70	124	20
	Chloroform	20	20.2	ug/L	101	0		79	113	20
	1,1,1-Trichloroethane	20	20.1	ug/L	101	1		80	108	20
	Methylcyclohexane	20	17.9	ug/L	90	3		72	115	20
	1,1-Dichloropropene	20	18.6	ug/L	93	4		79	110	16
	Benzene	20	18.7	ug/L	94	4		82	109	15
	1,2-Dichloroethane	20	20.9	ug/L	104	2		80	115	20
	Trichloroethene	20	18.0	ug/L	90	4		77	113	15
	1,2-Dichloropropane	20	19.7	ug/L	99	1		83	111	16
	Dibromomethane	20	19.9	ug/L	100	3		82	110	20
	Bromodichloromethane	20	20.2	ug/L	101	1		83	110	16
	4-Methyl-2-Pentanone	100	130	ug/L	130	8	*	74	118	25
	Toluene	20	19.7	ug/L	99	1		82	110	16
	t-1,3-Dichloropropene	20	21.0	ug/L	105	1		79	110	20
	cis-1,3-Dichloropropene	20	20.5	ug/L	103	0		82	110	16
	1,1,2-Trichloroethane	20	20.9	ug/L	104	2		83	112	20
	1,3-Dichloropropane	20	20.8	ug/L	104	0		83	111	20
	2-Chloroethyl vinyl ether	100	100	ug/L	100	0		75	124	20
	2-Hexanone	100	140	ug/L	140	7	*	73	117	25
	Dibromochloromethane	20	19.8	ug/L	99	0		82	110	20
	1,2-Dibromoethane	20	21.0	ug/L	105	2		81	110	20
	Tetrachloroethene	20	18.2	ug/L	91	6		67	123	15
	Chlorobenzene	20	19.3	ug/L	97	3		82	109	15

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2637 **Analytical Method:** SW8260-Low

Client: Chemtech Consulting Group **Datafile :** VX047042.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0718WBSD01	1,1,1,2-Tetrachloroethane	20	19.8	ug/L	99	2		84	111	20
	Hexachloroethane	20	19.9	ug/L	100	1		80	113	20
	Ethyl Benzene	20	19.8	ug/L	99	3		83	109	16
	m/p-Xylenes	40	39.3	ug/L	98	4		82	110	15
	o-Xylene	20	20.0	ug/L	100	1		83	109	20
	Styrene	20	20.2	ug/L	101	3		80	111	17
	Bromoform	20	20.3	ug/L	102	1		79	109	20
	Isopropylbenzene	20	20.8	ug/L	104	2		83	112	29
	1,1,2,2-Tetrachloroethane	20	23.1	ug/L	116	4		76	118	20
	1,2,3-Trichloropropane	20	23.7	ug/L	119	3	*	75	112	20
	Bromobenzene	20	20.2	ug/L	101	2		77	116	20
	N-propylbenzene	20	20.5	ug/L	103	1		83	112	20
	2-Chlorotoluene	20	20.6	ug/L	103	3		83	110	20
	1,3,5-Trimethylbenzene	20	21.2	ug/L	106	2		85	112	20
	4-Chlorotoluene	20	21.3	ug/L	106	2		82	110	20
	tert-Butylbenzene	20	20.4	ug/L	102	4		83	112	20
	1,2,4-Trimethylbenzene	20	21.3	ug/L	106	2		85	111	20
	Sec-butylbenzene	20	20.7	ug/L	104	2		81	114	20
	p-Isopropyltoluene	20	20.9	ug/L	104	0		78	116	20
	1,3-Dichlorobenzene	20	20.5	ug/L	103	0		82	108	20
	1,4-Dichlorobenzene	20	20.0	ug/L	100	0		82	107	15
	n-Butylbenzene	20	20.8	ug/L	104	0		75	115	20
	1,2-Dichlorobenzene	20	20.3	ug/L	102	0		82	109	20
	1,2-Dibromo-3-Chloropropane	20	25.2	ug/L	126	1	*	68	112	20
	1,2,4-Trichlorobenzene	20	20.1	ug/L	101	1		75	113	29
	Hexachlorobutadiene	20	20.2	ug/L	101	1		81	121	20
	Naphthalene	20	23.4	ug/L	117	2		78	119	20
	1,2,3-Trichlorobenzene	20	20.7	ug/L	104	1		76	114	29

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VOLATILE METHOD BLANK SUMMARY

Client ID: VX0718WBL01

Lab Name: Alliance Contract: CHEM02

Lab Code: ACE SDG NO.: Q2637

Lab File ID: VX047040.D Lab Sample ID: VX0718WBL01

Date Analyzed: 07/18/2025 Time Analyzed: 11:19

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
VX0718WBS01	VX0718WBS01	VX047041.D	07/18/2025
VX0718WBSD01	VX0718WBSD01	VX047042.D	07/18/2025
STORAGE-BLANK-SOIL-REF-6	Q2637-01	VX047047.D	07/18/2025
STORAGE-BLANK-WATER-REF-5	Q2637-02	VX047048.D	07/18/2025
STORAGE-BLANK-WATER-REF-4	Q2637-03	VX047049.D	07/18/2025
STORAGE-BLANK-SAMPLE-MANAGEMENT	Q2637-04	VX047050.D	07/18/2025

COMMENTS:

Raw Data: **VX046859.D**

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: CHEM02

Lab Code: ACE | SDG NO.: Q2637

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

Alliance TECHNICAL GROUP

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: CHEM02
Lab Code: ACE
SDG NO.: Q2637
Lab File ID: VX047037.D
BFB Injection Date: 07/18/2025
Instrument ID: MSVOA_X
BFB Injection Time: 07:32
GC Column: DB-624UI ID: 0.18 (mm)
Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	19.7
75	30.0 - 60.0% of mass 95	52.5
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.8 (1) 1
174	50.0 - 100.0% of mass 95	75.6
175	5.0 - 9.0% of mass 174	5.5 (7.3) 1
176	95.0 - 101.0% of mass 174	71.9 (95.2) 1
177	5.0 - 9.0% of mass 176	4.8 (6.7) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VX047038.D	07/18/2025	10:20
VX0718WBL01	VX0718WBL01	VX047040.D	07/18/2025	11:19
VX0718WBS01	VX0718WBS01	VX047041.D	07/18/2025	11:43
VX0718WBSD01	VX0718WBSD01	VX047042.D	07/18/2025	12:05
STORAGE-BLANK-SOIL-REF-6	Q2637-01	VX047047.D	07/18/2025	14:18
STORAGE-BLANK-WATER-REF-5	Q2637-02	VX047048.D	07/18/2025	14:39
STORAGE-BLANK-WATER-REF-4	Q2637-03	VX047049.D	07/18/2025	15:00
STORAGE-BLANK-SAMPLE-MANAGEMENT	Q2637-04	VX047050.D	07/18/2025	15:21

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Fax : 908 789 8922

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: CHEM02

Lab Code: ACE SDG NO.: Q2637

Lab File ID: VX047038.D Date Analyzed: 07/18/2025

Instrument ID: MSVOA_X Time Analyzed: 10:20

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

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	359107	5.56	596829	6.76	517658	10.05
UPPER LIMIT	718214	6.056	1193660	7.263	1035320	10.549
LOWER LIMIT	179554	5.056	298415	6.263	258829	9.549
EPA SAMPLE NO.						
STORAGE-BLANK-SOIL-REF-6	432781	5.56	772624	6.77	723756	10.06
STORAGE-BLANK-WATER-REF-5	426682	5.56	766336	6.77	718184	10.06
STORAGE-BLANK-WATER-REF-4	448042	5.56	792920	6.77	740369	10.06
STORAGE-BLANK-SAMPLE-MANAGEMEN	449004	5.56	797488	6.77	745002	10.06
VX0718WBL01	437418	5.56	776340	6.77	741516	10.06
VX0718WBS01	379800	5.56	627890	6.76	557303	10.06
VX0718WBSD01	358348	5.56	607255	6.77	545202	10.06

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

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

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

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: CHEM02

Lab Code: ACE SDG NO.: Q2637

Lab File ID: VX047038.D Date Analyzed: 07/18/2025

Instrument ID: MSVOA_X Time Analyzed: 10:20

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

	IS4 AREA #	RT #				
12 HOUR STD	246681	12.018				
UPPER LIMIT	493362	12.518				
LOWER LIMIT	123341	11.518				
EPA SAMPLE NO.						
STORAGE-BLANK-SOIL-REF-6	349373	12.02				
STORAGE-BLANK-WATER-REF-5	332673	12.02				
STORAGE-BLANK-WATER-REF-4	367208	12.02				
STORAGE-BLANK-SAMPLE-MANAGEME	366135	12.02				
VX0718WBL01	354639	12.02				
VX0718WBS01	276517	12.02				
VX0718WBSD01	267414	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: **VX047047.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	07/11/25
Project:	Weekly Storage Blanks	Date Received:	07/18/25
Client Sample ID:	STORAGE-BLANK-SOIL-REF-6	SDG No.:	Q2637
Lab Sample ID:	Q2637-01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047047.D	1	07/18/25 14:18	VX071825

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
141-78-6	Ethyl Acetate	0.31	U	0.31	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	UQ	5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
107-02-8	Acrolein	7.10	U	7.10	25.0	ug/L
107-13-1	Acrylonitrile	0.83	UQ	0.83	5.00	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	UQ	0.16	1.00	ug/L
79-20-9	Methyl Acetate	0.27	UQ	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
108-05-4	Vinyl Acetate	0.66	U	0.66	5.00	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	UQ	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
594-20-7	2,2-Dichloropropane	0.21	U	0.21	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
563-58-6	1,1-Dichloropropene	0.15	U	0.15	1.00	ug/L

Raw Data: **VX047047.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	07/11/25
Project:	Weekly Storage Blanks	Date Received:	07/18/25
Client Sample ID:	STORAGE-BLANK-SOIL-REF-6	SDG No.:	Q2637
Lab Sample ID:	Q2637-01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047047.D	1	07/18/25 14:18	VX071825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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
74-95-3	Dibromomethane	0.25	U	0.25	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	UQ	0.68	5.00	ug/L
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
142-28-9	1,3-Dichloropropane	0.19	U	0.19	1.00	ug/L
110-75-8	2-Chloroethyl Vinyl ether	0.30	U	0.30	5.00	ug/L
591-78-6	2-Hexanone	0.89	UQ	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
630-20-6	1,1,1,2-Tetrachloroethane	0.19	U	0.19	1.00	ug/L
67-72-1	Hexachloroethane	0.32	U	0.32	0	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
96-18-4	1,2,3-Trichloropropane	0.35	UQ	0.35	1.00	ug/L
108-86-1	Bromobenzene	0.24	U	0.24	1.00	ug/L
103-65-1	n-propylbenzene	0.13	U	0.13	1.00	ug/L
95-49-8	2-Chlorotoluene	0.14	U	0.14	1.00	ug/L

Raw Data: **VX047047.D**

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Fax : 908 789 8922

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	07/11/25
Project:	Weekly Storage Blanks	Date Received:	07/18/25
Client Sample ID:	STORAGE-BLANK-SOIL-REF-6	SDG No.:	Q2637
Lab Sample ID:	Q2637-01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047047.D	1	07/18/25 14:18	VX071825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-67-8	1,3,5-Trimethylbenzene	0.15	U	0.15	1.00	ug/L
106-43-4	4-Chlorotoluene	0.13	U	0.13	1.00	ug/L
98-06-6	tert-Butylbenzene	0.14	U	0.14	1.00	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.14	U	0.14	1.00	ug/L
135-98-8	sec-Butylbenzene	0.13	U	0.13	1.00	ug/L
99-87-6	p-Isopropyltoluene	0.13	U	0.13	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
104-51-8	n-Butylbenzene	0.15	U	0.15	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	UQ	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
87-68-3	Hexachlorobutadiene	0.30	U	0.30	1.00	ug/L
91-20-3	Naphthalene	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	53.8		74 - 125	108%	SPK: 50
1868-53-7	Dibromofluoromethane	48.8		75 - 124	98%	SPK: 50
2037-26-5	Toluene-d8	50.8		86 - 113	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.9		77 - 121	106%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	433000	5.562			
540-36-3	1,4-Difluorobenzene	773000	6.769			
3114-55-4	Chlorobenzene-d5	724000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	349000	12.018			

Raw Data: **VX047047.D**

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Fax : 908 789 8922

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	07/11/25
Project:	Weekly Storage Blanks	Date Received:	07/18/25
Client Sample ID:	STORAGE-BLANK-SOIL-REF-6	SDG No.:	Q2637
Lab Sample ID:	Q2637-01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047047.D	1	07/18/25 14:18	VX071825

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\VX071825\
Data File : VX047047.D
Acq On : 18 Jul 2025 14:18
Operator : JC/MD
Sample : Q2637-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Jul 19 04:24:26 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

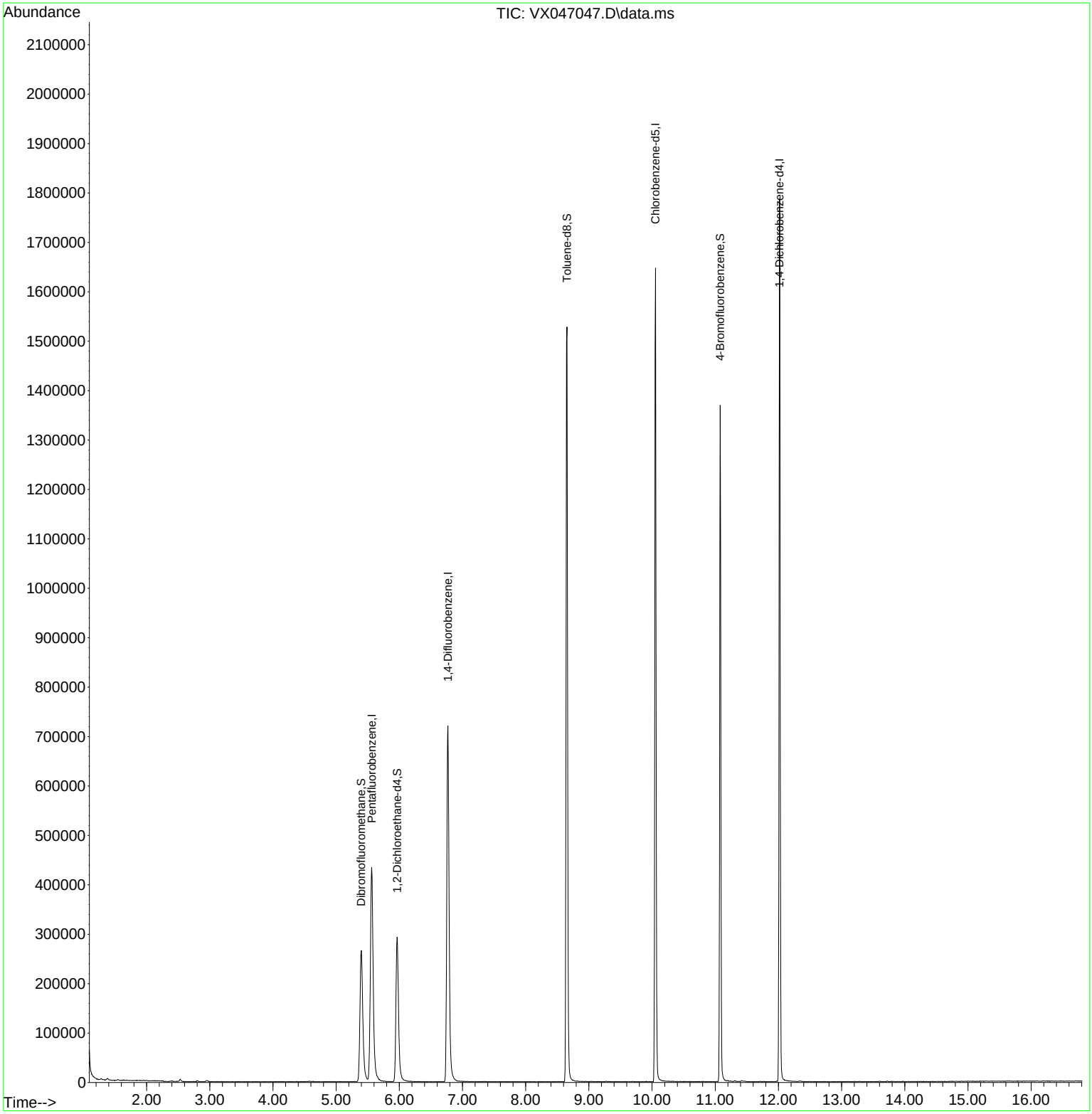
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	432781	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	772624	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	723756	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	349373	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	307335	53.754	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.500%			
35) Dibromofluoromethane	5.397	113	255690	48.753	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.500%			
50) Toluene-d8	8.653	98	939717	50.784	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.560%			
62) 4-Bromofluorobenzene	11.079	95	371678	52.851	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.700%			
Target Compounds						Qvalue

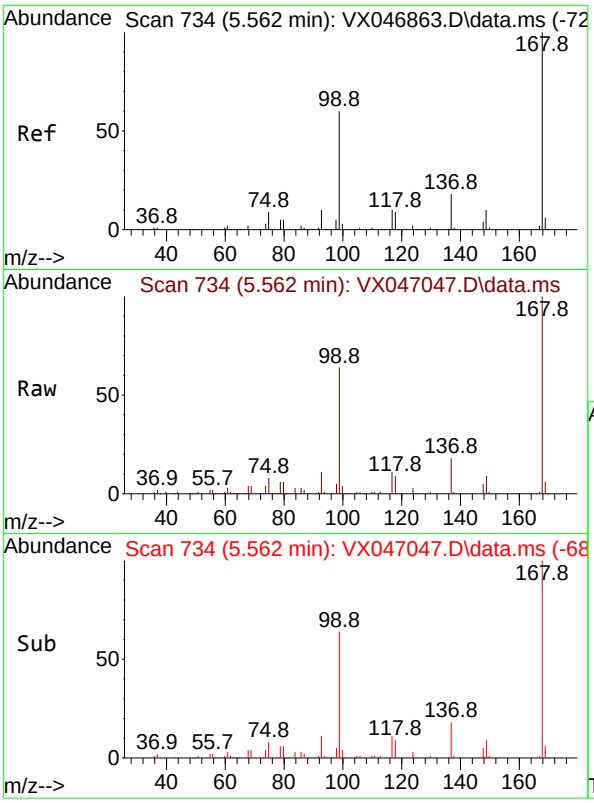
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071825\
Data File : VX047047.D
Acq On : 18 Jul 2025 14:18
Operator : JC/MD
Sample : Q2637-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Jul 19 04:24:26 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



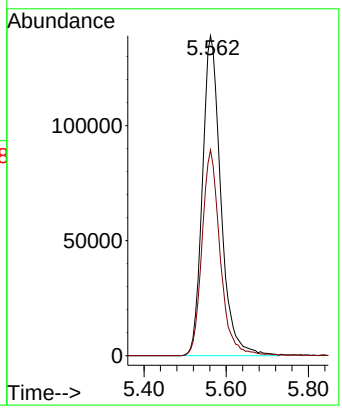


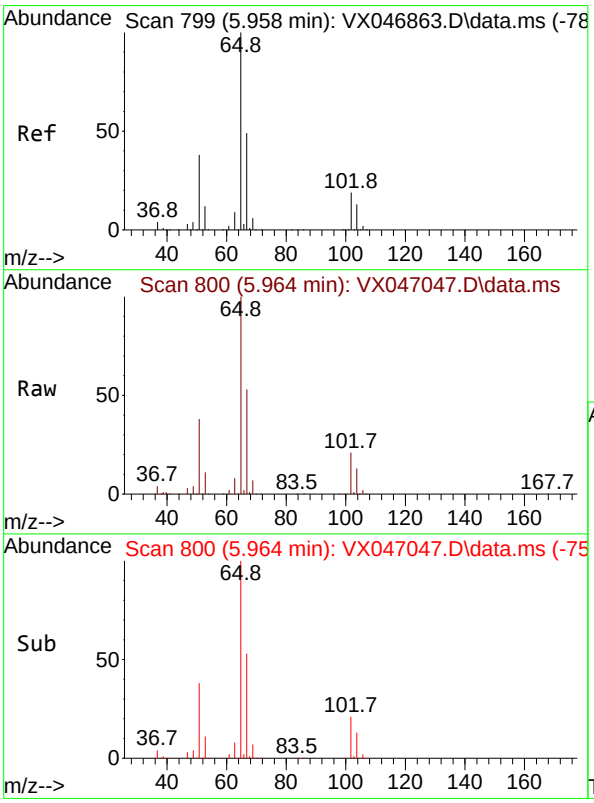
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047047.D
Acq: 18 Jul 2025 14:18

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

Tgt Ion:168 Resp: 432781

Ion	Ratio	Lower	Upper
168	100		
99	64.3	48.8	73.2

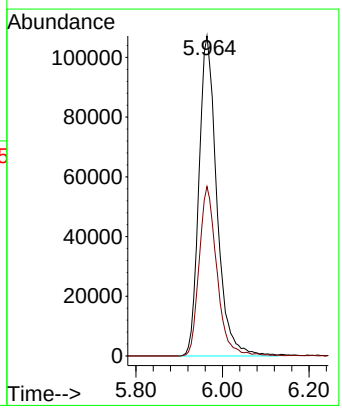


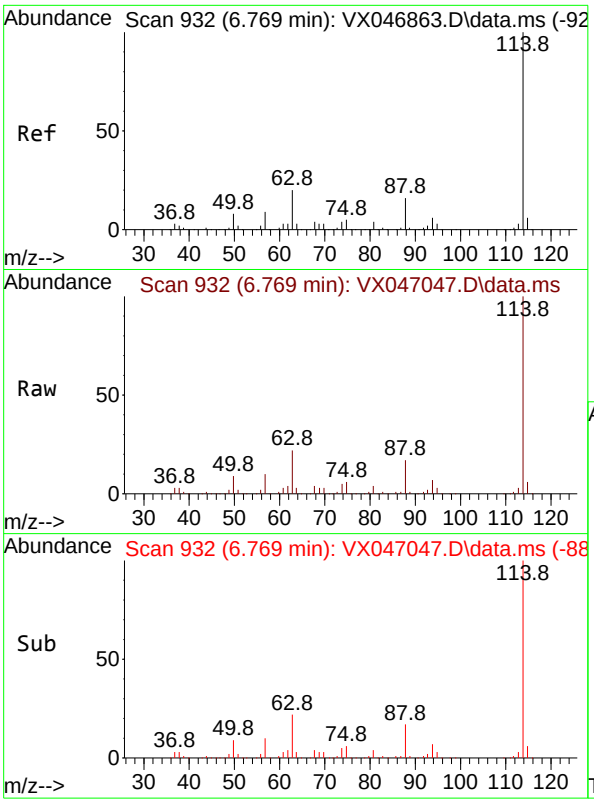


#33
1,2-Dichloroethane-d4
Concen: 53.754 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX047047.D
Acq: 18 Jul 2025 14:18

Tgt Ion: 65 Resp: 307335

Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	105.2



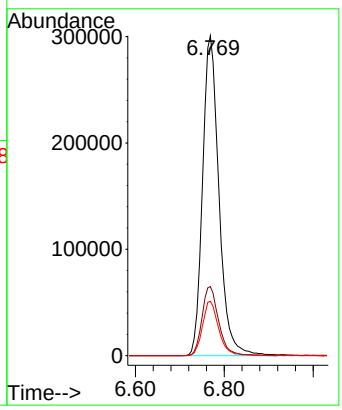


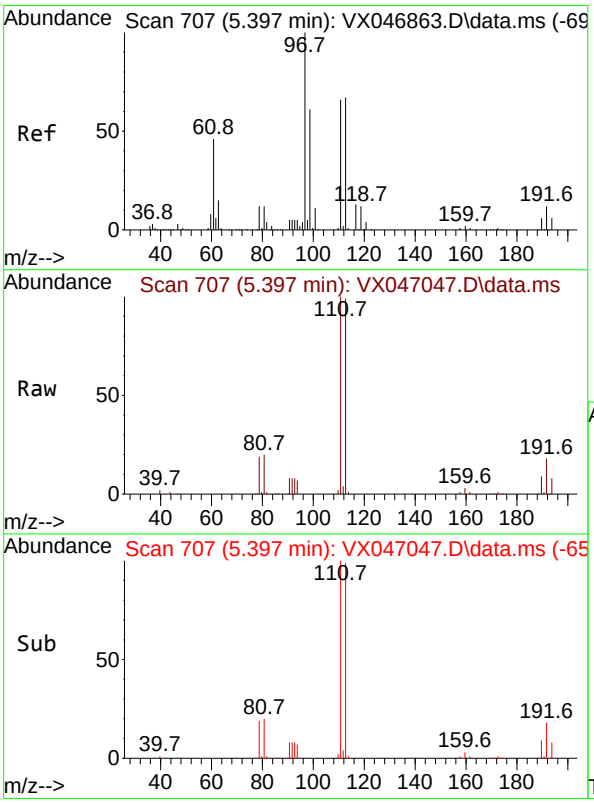
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX047047.D
Acq: 18 Jul 2025 14:18

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

Tgt Ion:114 Resp: 772624

Ion	Ratio	Lower	Upper
114	100		
63	24.6	0.0	40.4
88	17.0	0.0	31.0

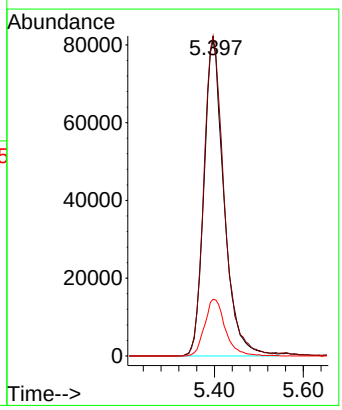


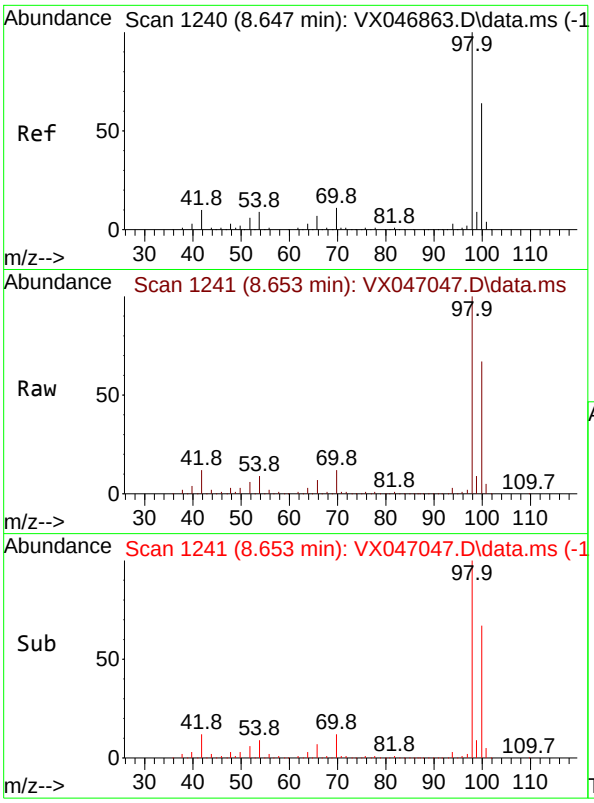


#35
Dibromofluoromethane
Concen: 48.753 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX047047.D
Acq: 18 Jul 2025 14:18

Tgt Ion:113 Resp: 255690

Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.2	121.8
192	18.5	15.3	22.9



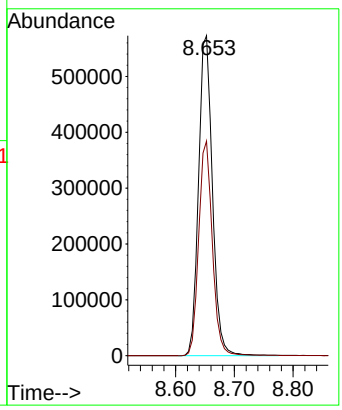


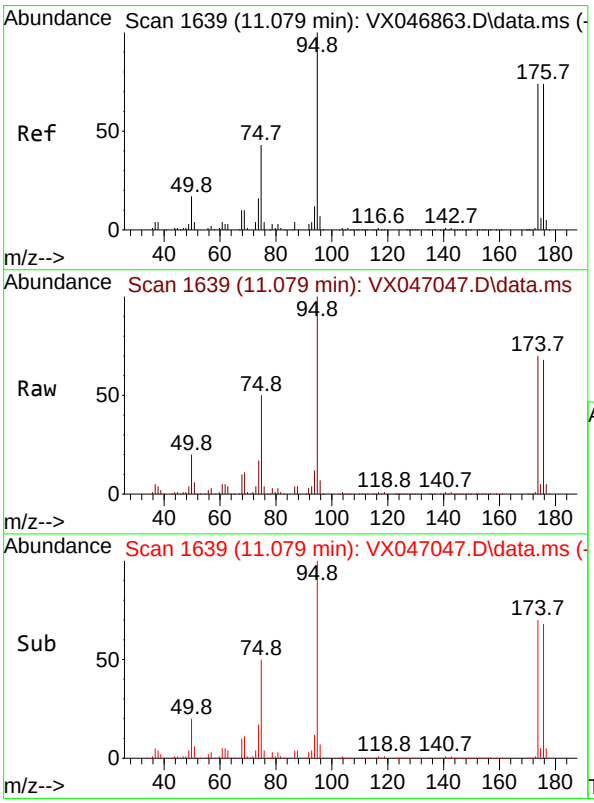
#50
Toluene-d8
Concen: 50.784 ug/l
RT: 8.653 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047047.D
Acq: 18 Jul 2025 14:18

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

Tgt Ion: 98 Resp: 939717

Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.0	79.6

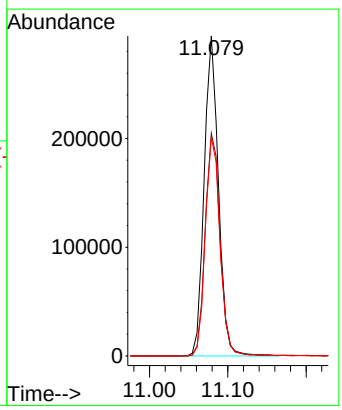


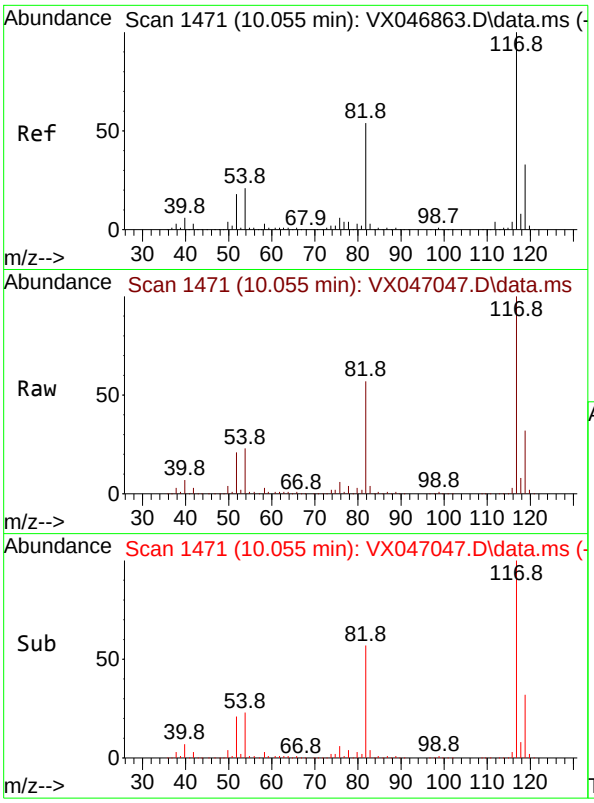


#62
4-Bromofluorobenzene
Concen: 52.851 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX047047.D
Acq: 18 Jul 2025 14:18

Tgt Ion: 95 Resp: 371678

Ion	Ratio	Lower	Upper
95	100		
174	72.5	0.0	152.0
176	70.3	0.0	145.2



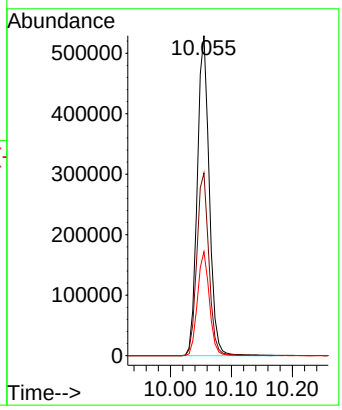


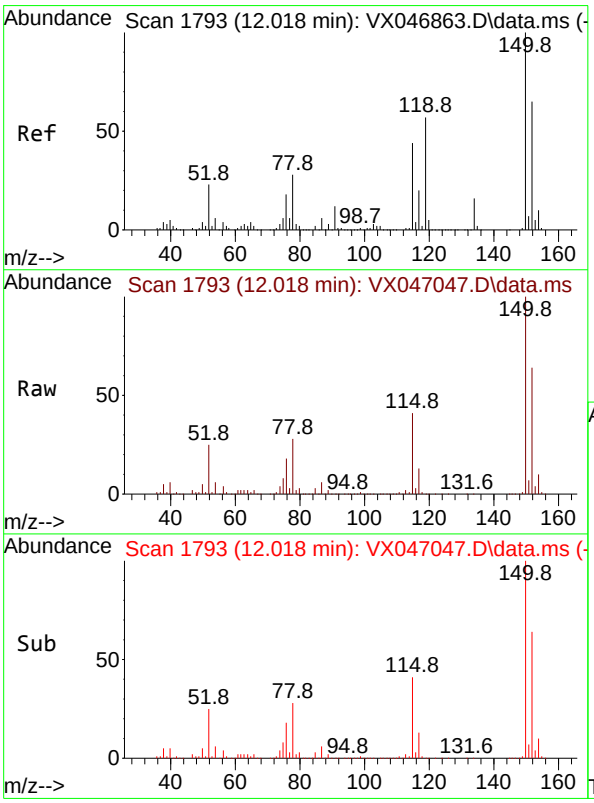
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047047.D
Acq: 18 Jul 2025 14:18

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

Tgt Ion:117 Resp: 723756

Ion	Ratio	Lower	Upper
117	100		
82	57.1	43.3	64.9
119	32.5	26.4	39.6

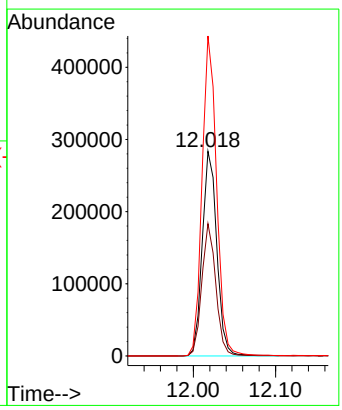




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX047047.D
Acq: 18 Jul 2025 14:18

Tgt Ion:152 Resp: 349373

Ion	Ratio	Lower	Upper
152	100		
115	62.5	42.4	127.1
150	156.0	0.0	349.2



Raw Data: **VX047048.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	07/11/25
Project:	Weekly Storage Blanks	Date Received:	07/18/25
Client Sample ID:	STORAGE-BLANK-WATER-REF-5	SDG No.:	Q2637
Lab Sample ID:	Q2637-02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047048.D	1	07/18/25 14:39	VX071825

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
141-78-6	Ethyl Acetate	0.31	U	0.31	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	UQ	5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
107-02-8	Acrolein	7.10	U	7.10	25.0	ug/L
107-13-1	Acrylonitrile	0.83	UQ	0.83	5.00	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	UQ	0.16	1.00	ug/L
79-20-9	Methyl Acetate	0.27	UQ	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
108-05-4	Vinyl Acetate	0.66	U	0.66	5.00	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	UQ	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
594-20-7	2,2-Dichloropropane	0.21	U	0.21	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
563-58-6	1,1-Dichloropropene	0.15	U	0.15	1.00	ug/L

Raw Data: **VX047048.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	07/11/25
Project:	Weekly Storage Blanks	Date Received:	07/18/25
Client Sample ID:	STORAGE-BLANK-WATER-REF-5	SDG No.:	Q2637
Lab Sample ID:	Q2637-02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047048.D	1	07/18/25 14:39	VX071825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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
74-95-3	Dibromomethane	0.25	U	0.25	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	UQ	0.68	5.00	ug/L
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
142-28-9	1,3-Dichloropropane	0.19	U	0.19	1.00	ug/L
110-75-8	2-Chloroethyl Vinyl ether	0.30	U	0.30	5.00	ug/L
591-78-6	2-Hexanone	0.89	UQ	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
630-20-6	1,1,1,2-Tetrachloroethane	0.19	U	0.19	1.00	ug/L
67-72-1	Hexachloroethane	0.32	U	0.32	0	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
96-18-4	1,2,3-Trichloropropane	0.35	UQ	0.35	1.00	ug/L
108-86-1	Bromobenzene	0.24	U	0.24	1.00	ug/L
103-65-1	n-propylbenzene	0.13	U	0.13	1.00	ug/L
95-49-8	2-Chlorotoluene	0.14	U	0.14	1.00	ug/L

Raw Data: **VX047048.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	07/11/25
Project:	Weekly Storage Blanks	Date Received:	07/18/25
Client Sample ID:	STORAGE-BLANK-WATER-REF-5	SDG No.:	Q2637
Lab Sample ID:	Q2637-02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047048.D	1	07/18/25 14:39	VX071825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-67-8	1,3,5-Trimethylbenzene	0.15	U	0.15	1.00	ug/L
106-43-4	4-Chlorotoluene	0.13	U	0.13	1.00	ug/L
98-06-6	tert-Butylbenzene	0.14	U	0.14	1.00	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.14	U	0.14	1.00	ug/L
135-98-8	sec-Butylbenzene	0.13	U	0.13	1.00	ug/L
99-87-6	p-Isopropyltoluene	0.13	U	0.13	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
104-51-8	n-Butylbenzene	0.15	U	0.15	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	UQ	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
87-68-3	Hexachlorobutadiene	0.30	U	0.30	1.00	ug/L
91-20-3	Naphthalene	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	55.1		74 - 125	110%	SPK: 50
1868-53-7	Dibromofluoromethane	48.9		75 - 124	98%	SPK: 50
2037-26-5	Toluene-d8	50.1		86 - 113	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.6		77 - 121	105%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	427000	5.562			
540-36-3	1,4-Difluorobenzene	766000	6.769			
3114-55-4	Chlorobenzene-d5	718000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	333000	12.018			

Raw Data: **VX047048.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	07/11/25
Project:	Weekly Storage Blanks	Date Received:	07/18/25
Client Sample ID:	STORAGE-BLANK-WATER-REF-5	SDG No.:	Q2637
Lab Sample ID:	Q2637-02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047048.D	1	07/18/25 14:39	VX071825

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: **VX047048.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071825\
Data File : VX047048.D
Acq On : 18 Jul 2025 14:39
Operator : JC/MD
Sample : Q2637-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Jul 19 04:24:47 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	426682	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	766336	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	718184	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	332673	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	310317	55.051	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 110.100%			
35) Dibromofluoromethane	5.397	113	254444	48.914	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.820%			
50) Toluene-d8	8.653	98	919453	50.097	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.200%			
62) 4-Bromofluorobenzene	11.079	95	366760	52.579	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.160%			

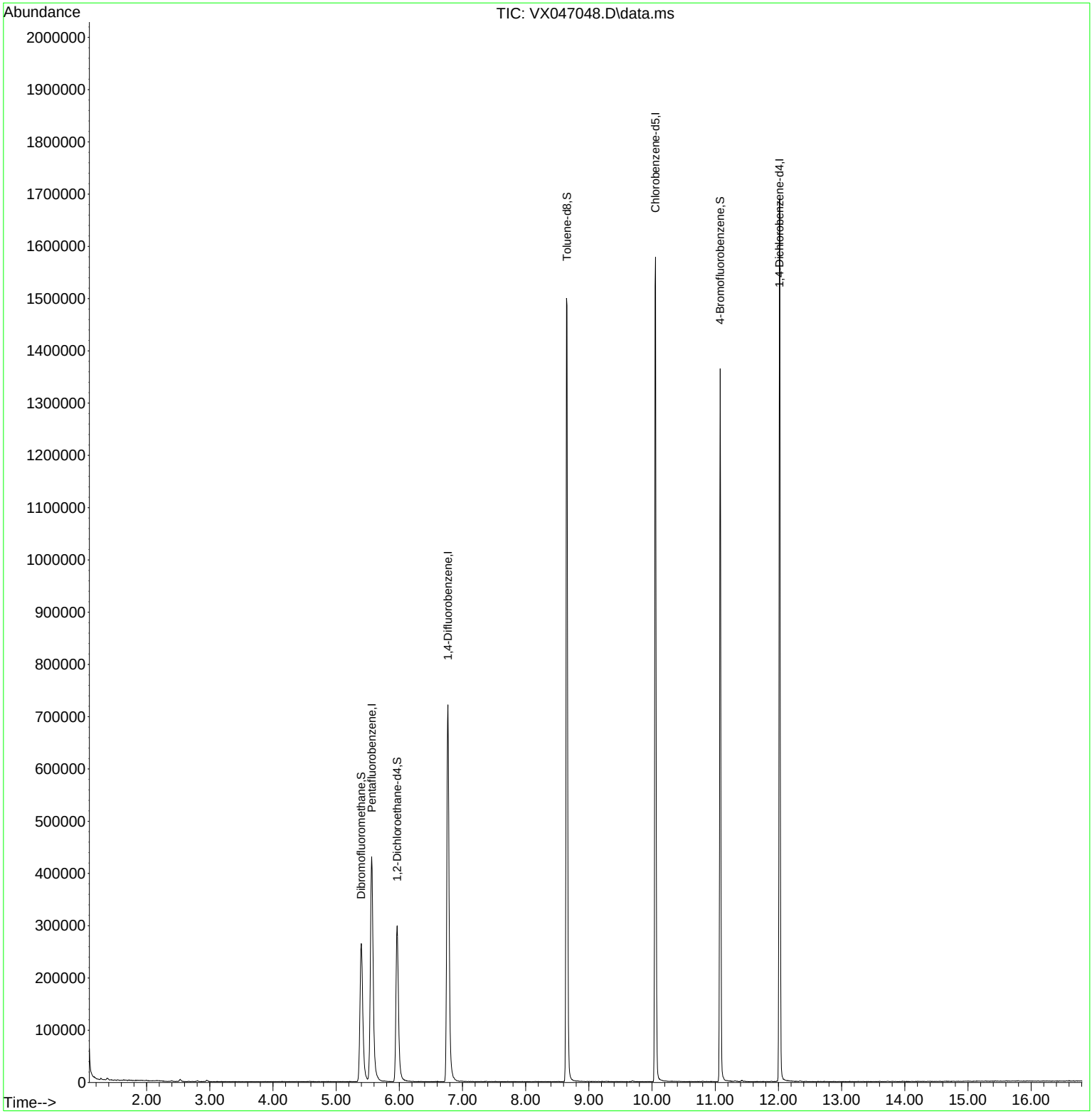
Target Compounds Qvalue

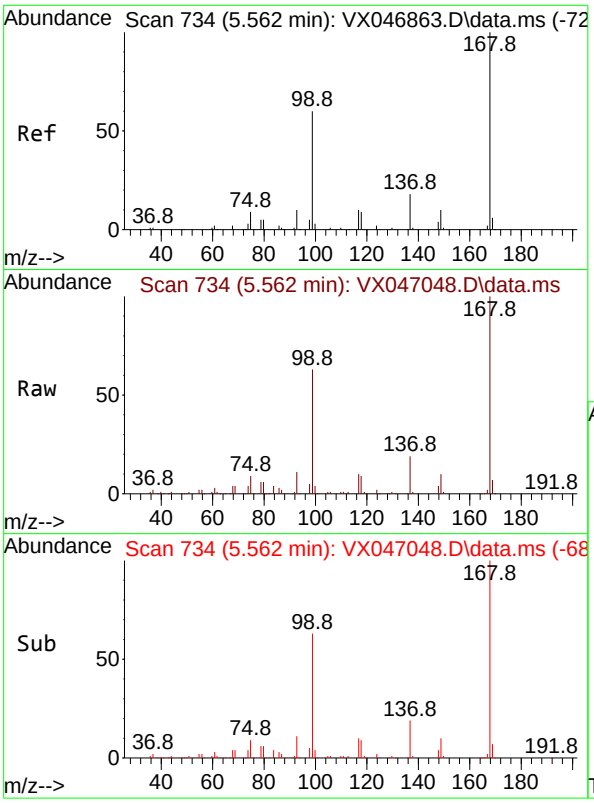
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071825\
Data File : VX047048.D
Acq On : 18 Jul 2025 14:39
Operator : JC/MD
Sample : Q2637-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Jul 19 04:24:47 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



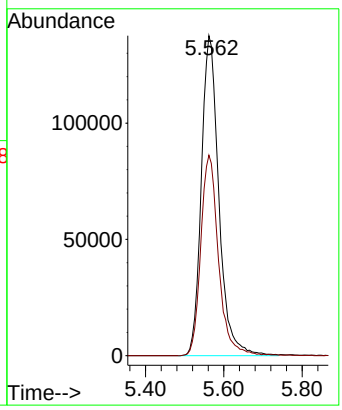


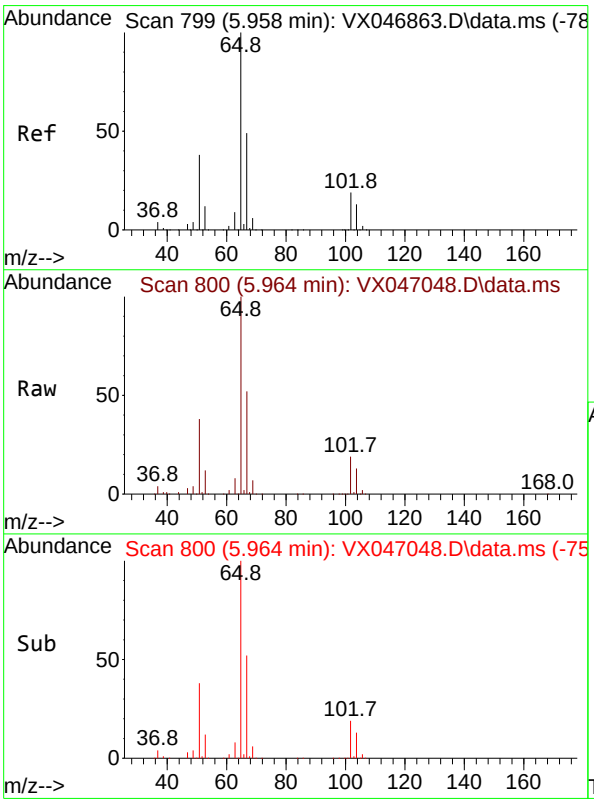
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047048.D
Acq: 18 Jul 2025 14:39

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

Tgt Ion:168 Resp: 426682

Ion	Ratio	Lower	Upper
168	100		
99	62.6	48.8	73.2

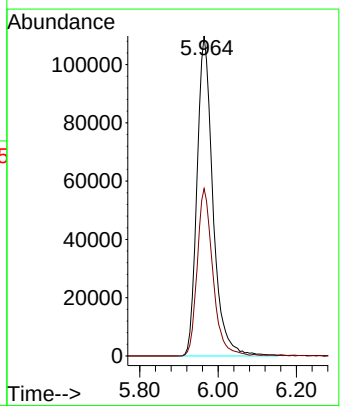


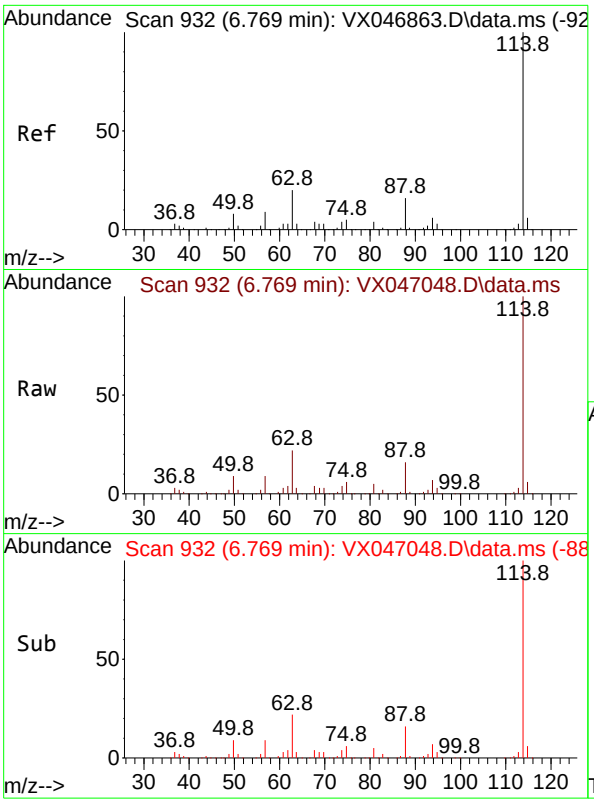


#33
1,2-Dichloroethane-d4
Concen: 55.051 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX047048.D
Acq: 18 Jul 2025 14:39

Tgt Ion: 65 Resp: 310317

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	105.2



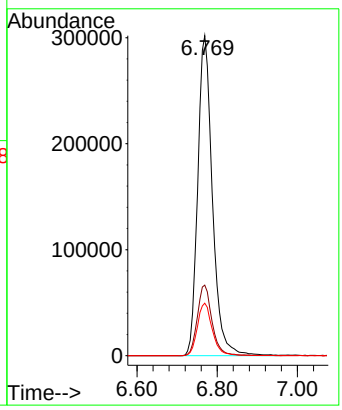


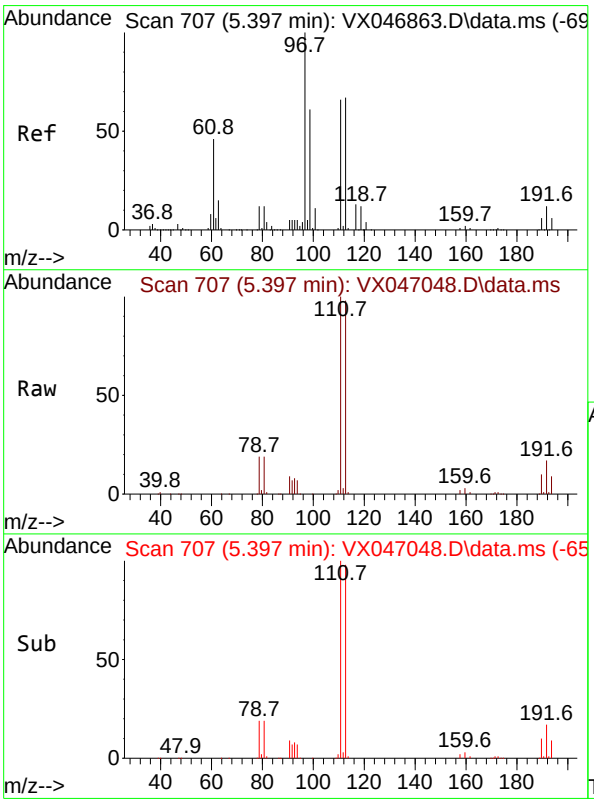
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX047048.D
Acq: 18 Jul 2025 14:39

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

Tgt Ion:114 Resp: 766336

Ion	Ratio	Lower	Upper
114	100		
63	24.9	0.0	40.4
88	16.4	0.0	31.0

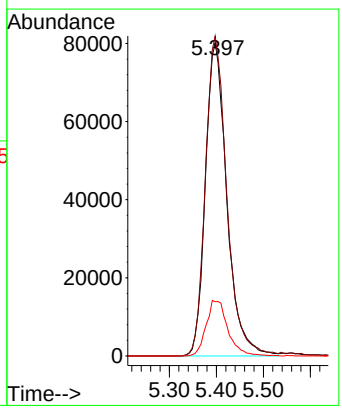


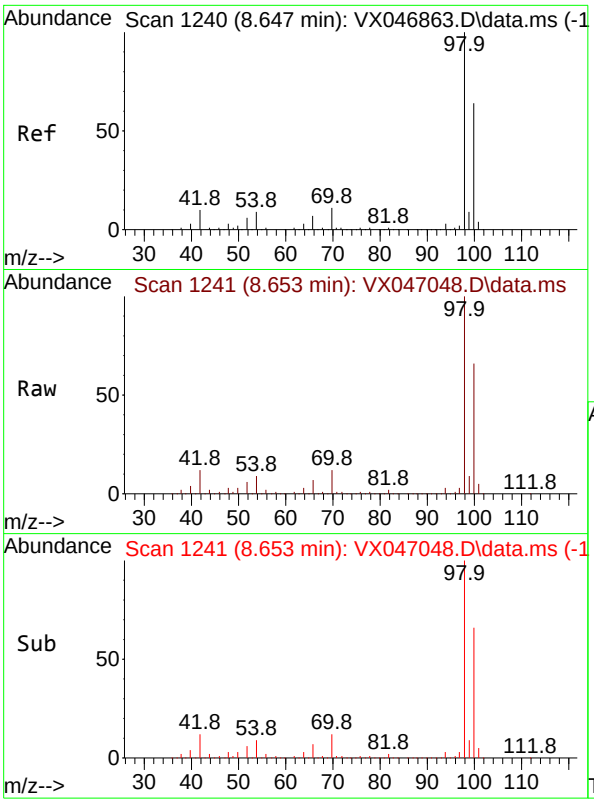


#35
Dibromofluoromethane
Concen: 48.914 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX047048.D
Acq: 18 Jul 2025 14:39

Tgt Ion:113 Resp: 254444

Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.2	121.8
192	18.0	15.3	22.9



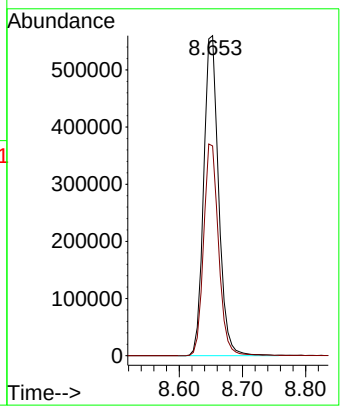


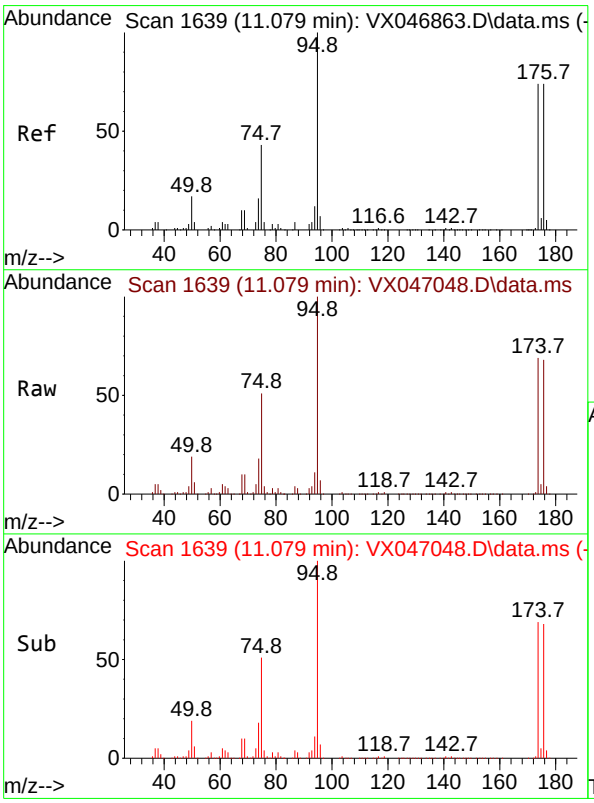
#50
Toluene-d8
Concen: 50.097 ug/l
RT: 8.653 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047048.D
Acq: 18 Jul 2025 14:39

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

Tgt Ion: 98 Resp: 919453

Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.0	79.6

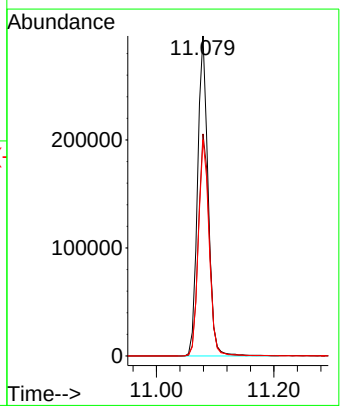


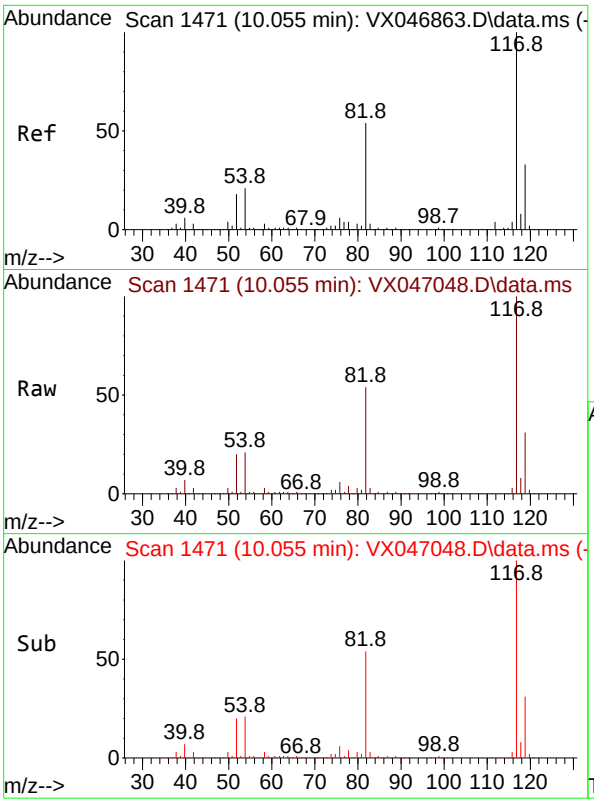


#62
4-Bromofluorobenzene
Concen: 52.579 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX047048.D
Acq: 18 Jul 2025 14:39

Tgt Ion: 95 Resp: 366760

Ion	Ratio	Lower	Upper
95	100		
174	72.2	0.0	152.0
176	69.0	0.0	145.2



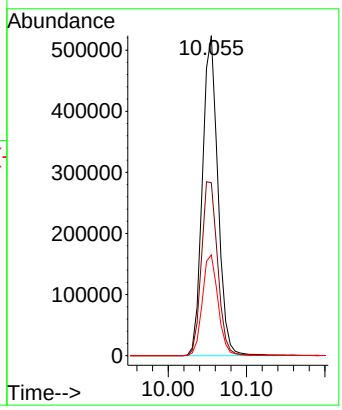


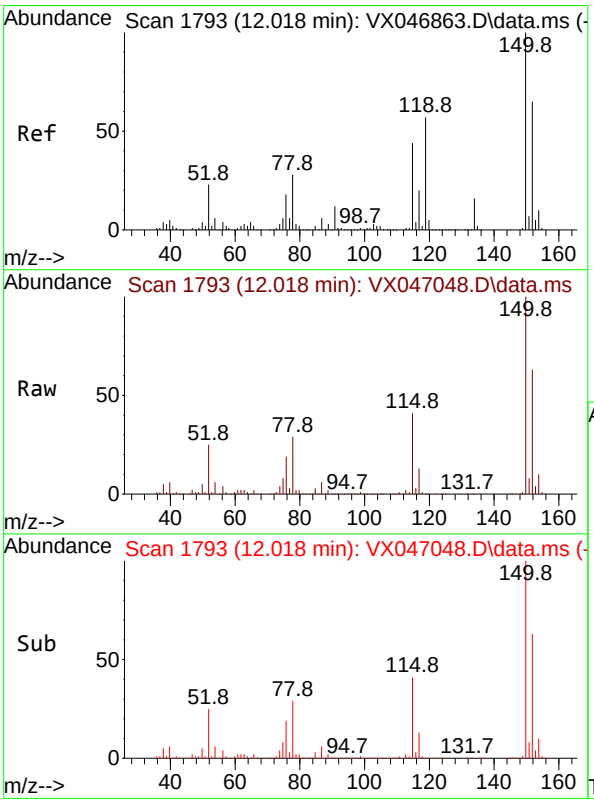
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047048.D
Acq: 18 Jul 2025 14:39

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

Tgt Ion:117 Resp: 718184

Ion	Ratio	Lower	Upper
117	100		
82	54.1	43.3	64.9
119	31.5	26.4	39.6

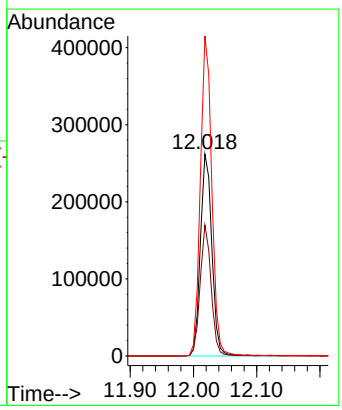




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX047048.D
Acq: 18 Jul 2025 14:39

Tgt Ion:152 Resp: 332673

Ion	Ratio	Lower	Upper
152	100		
115	62.3	42.4	127.1
150	157.4	0.0	349.2



Raw Data: **VX047049.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	07/11/25
Project:	Weekly Storage Blanks	Date Received:	07/18/25
Client Sample ID:	STORAGE-BLANK-WATER-REF-4	SDG No.:	Q2637
Lab Sample ID:	Q2637-03	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047049.D	1	07/18/25 15:00	VX071825

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
141-78-6	Ethyl Acetate	0.31	U	0.31	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	UQ	5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
107-02-8	Acrolein	7.10	U	7.10	25.0	ug/L
107-13-1	Acrylonitrile	0.83	UQ	0.83	5.00	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	UQ	0.16	1.00	ug/L
79-20-9	Methyl Acetate	0.27	UQ	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
108-05-4	Vinyl Acetate	0.66	U	0.66	5.00	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	UQ	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
594-20-7	2,2-Dichloropropane	0.21	U	0.21	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
563-58-6	1,1-Dichloropropene	0.15	U	0.15	1.00	ug/L

Raw Data: **VX047049.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	07/11/25
Project:	Weekly Storage Blanks	Date Received:	07/18/25
Client Sample ID:	STORAGE-BLANK-WATER-REF-4	SDG No.:	Q2637
Lab Sample ID:	Q2637-03	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047049.D	1	07/18/25 15:00	VX071825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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
74-95-3	Dibromomethane	0.25	U	0.25	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	UQ	0.68	5.00	ug/L
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
142-28-9	1,3-Dichloropropane	0.19	U	0.19	1.00	ug/L
110-75-8	2-Chloroethyl Vinyl ether	0.30	U	0.30	5.00	ug/L
591-78-6	2-Hexanone	0.89	UQ	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
630-20-6	1,1,1,2-Tetrachloroethane	0.19	U	0.19	1.00	ug/L
67-72-1	Hexachloroethane	0.32	U	0.32	0	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
96-18-4	1,2,3-Trichloropropane	0.35	UQ	0.35	1.00	ug/L
108-86-1	Bromobenzene	0.24	U	0.24	1.00	ug/L
103-65-1	n-propylbenzene	0.13	U	0.13	1.00	ug/L
95-49-8	2-Chlorotoluene	0.14	U	0.14	1.00	ug/L

Raw Data: **VX047049.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	07/11/25
Project:	Weekly Storage Blanks	Date Received:	07/18/25
Client Sample ID:	STORAGE-BLANK-WATER-REF-4	SDG No.:	Q2637
Lab Sample ID:	Q2637-03	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047049.D	1	07/18/25 15:00	VX071825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-67-8	1,3,5-Trimethylbenzene	0.15	U	0.15	1.00	ug/L
106-43-4	4-Chlorotoluene	0.13	U	0.13	1.00	ug/L
98-06-6	tert-Butylbenzene	0.14	U	0.14	1.00	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.14	U	0.14	1.00	ug/L
135-98-8	sec-Butylbenzene	0.13	U	0.13	1.00	ug/L
99-87-6	p-Isopropyltoluene	0.13	U	0.13	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
104-51-8	n-Butylbenzene	0.15	U	0.15	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	UQ	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
87-68-3	Hexachlorobutadiene	0.30	U	0.30	1.00	ug/L
91-20-3	Naphthalene	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	53.8		74 - 125	108%	SPK: 50
1868-53-7	Dibromofluoromethane	49.2		75 - 124	98%	SPK: 50
2037-26-5	Toluene-d8	50.2		86 - 113	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.7		77 - 121	105%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	448000	5.562			
540-36-3	1,4-Difluorobenzene	793000	6.769			
3114-55-4	Chlorobenzene-d5	740000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	367000	12.018			

Raw Data: **VX047049.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	07/11/25
Project:	Weekly Storage Blanks	Date Received:	07/18/25
Client Sample ID:	STORAGE-BLANK-WATER-REF-4	SDG No.:	Q2637
Lab Sample ID:	Q2637-03	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047049.D	1	07/18/25 15:00	VX071825

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: **VX047049.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071825\
Data File : VX047049.D
Acq On : 18 Jul 2025 15:00
Operator : JC/MD
Sample : Q2637-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Jul 19 04:25:09 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

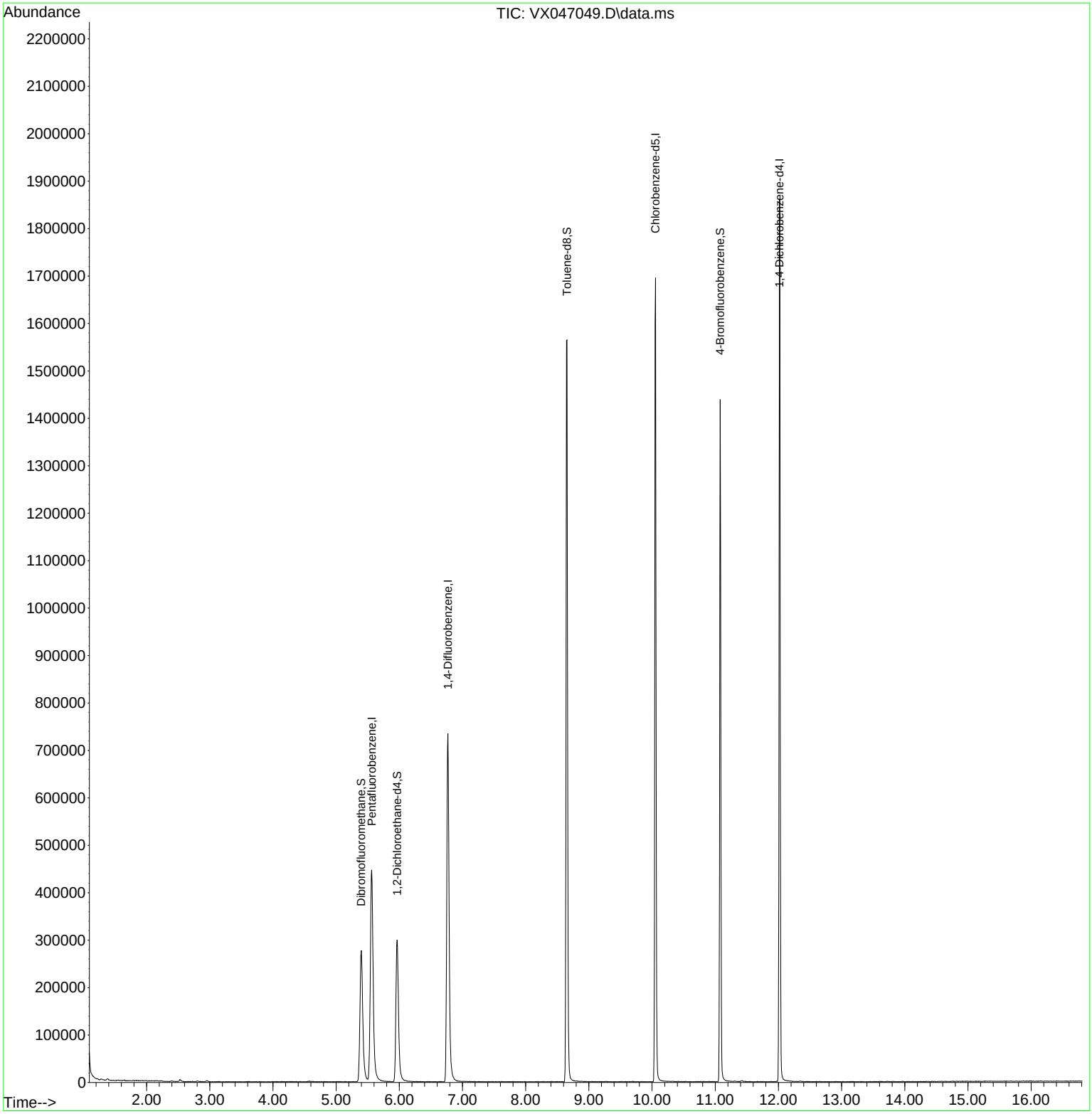
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	448042	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	792920	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	740369	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	367208	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	318516	53.812	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.620%			
35) Dibromofluoromethane	5.397	113	264566	49.154	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.300%			
50) Toluene-d8	8.653	98	953764	50.224	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.440%			
62) 4-Bromofluorobenzene	11.079	95	380575	52.731	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.460%			
Target Compounds						Qvalue

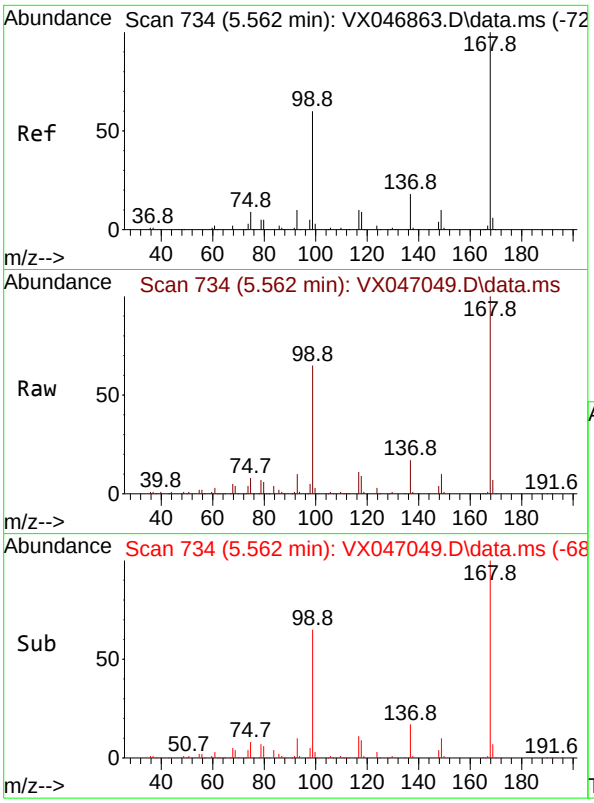
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071825\
Data File : VX047049.D
Acq On : 18 Jul 2025 15:00
Operator : JC/MD
Sample : Q2637-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Jul 19 04:25:09 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



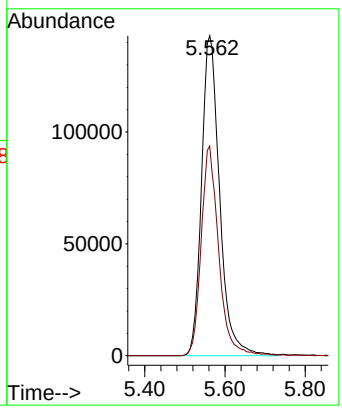


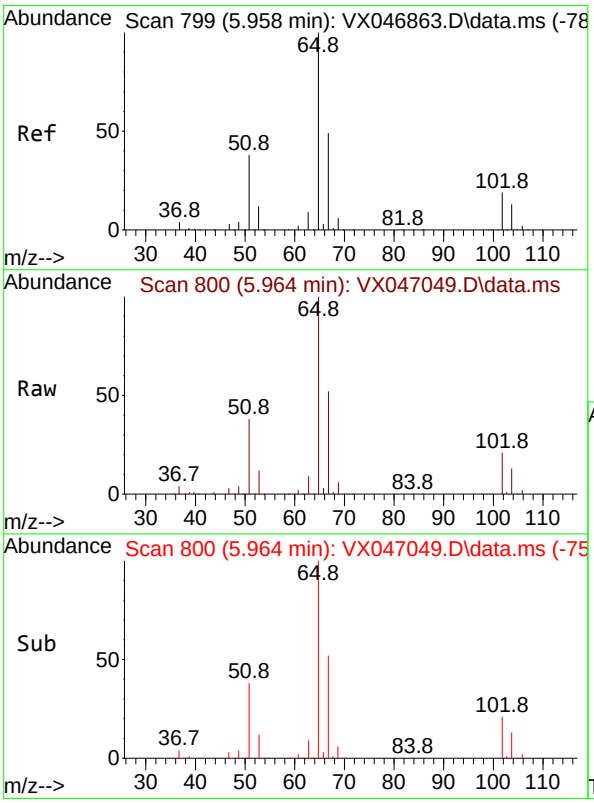
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047049.D
Acq: 18 Jul 2025 15:00

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

Tgt Ion:168 Resp: 448042

Ion	Ratio	Lower	Upper
168	100		
99	65.5	48.8	73.2

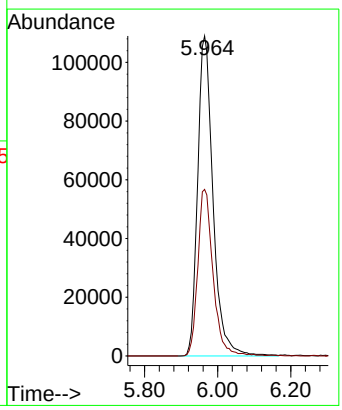


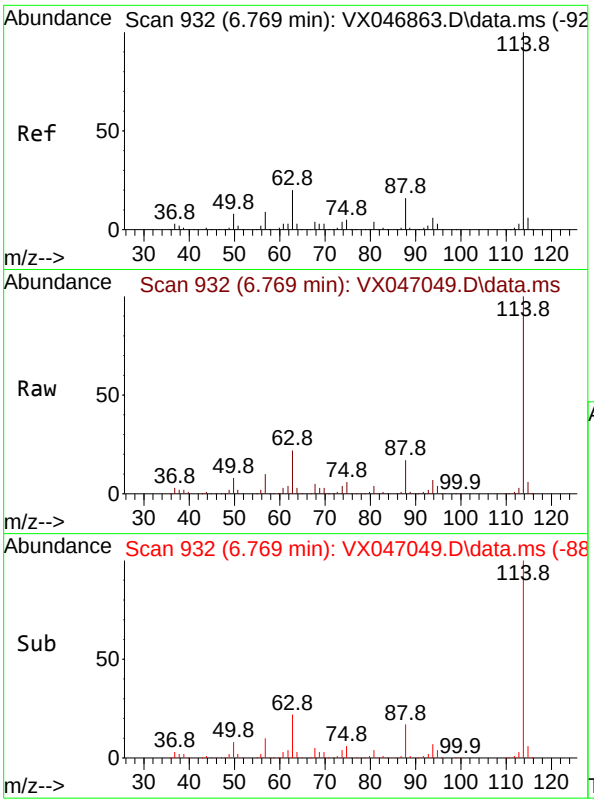


#33
1,2-Dichloroethane-d4
Concen: 53.812 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX047049.D
Acq: 18 Jul 2025 15:00

Tgt Ion: 65 Resp: 318516

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	105.2



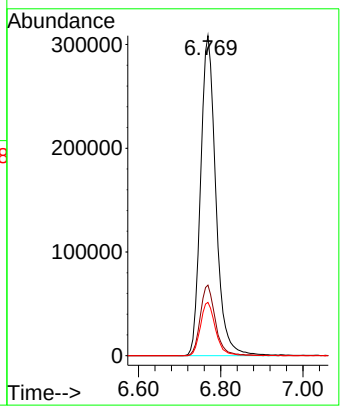


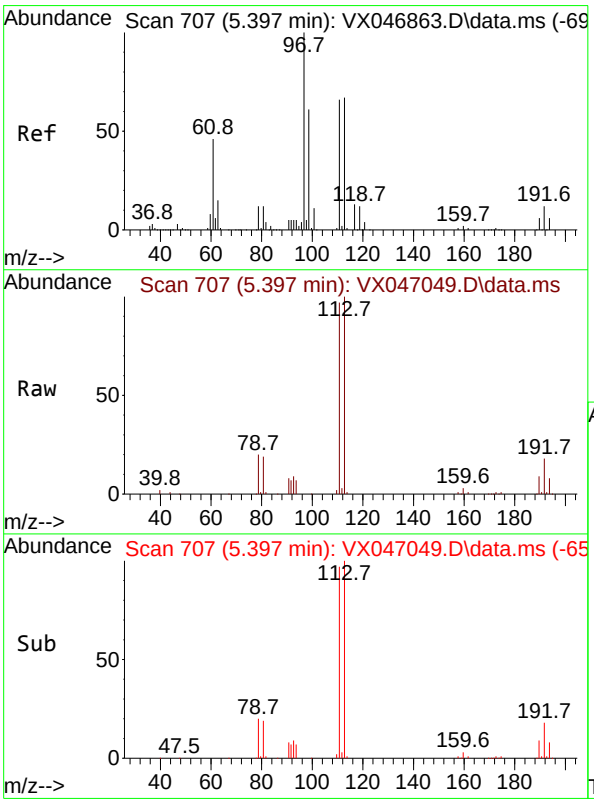
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX047049.D
Acq: 18 Jul 2025 15:00

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

Tgt Ion:114 Resp: 792920

Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	40.4
88	16.7	0.0	31.0

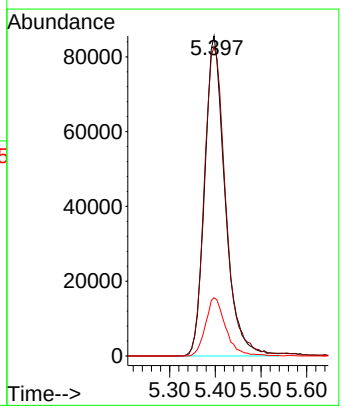


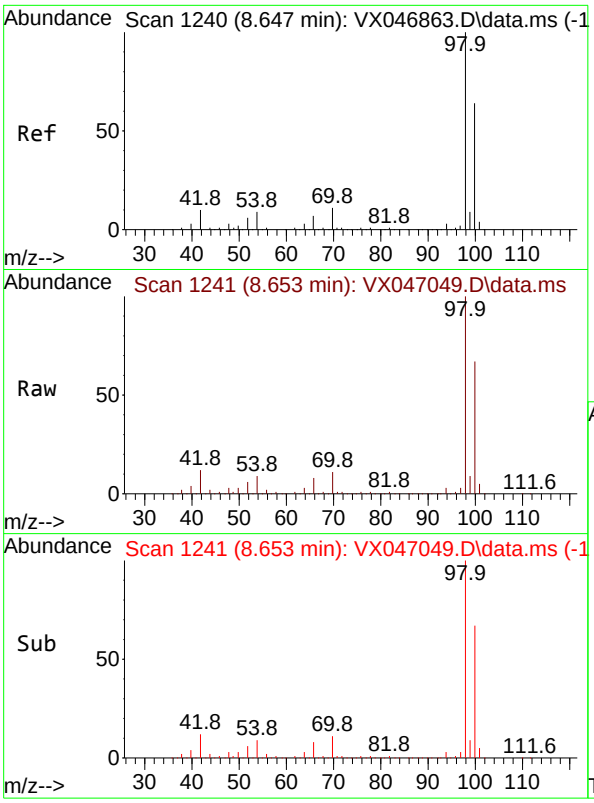


#35
Dibromofluoromethane
Concen: 49.154 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX047049.D
Acq: 18 Jul 2025 15:00

Tgt Ion:113 Resp: 264566

Ion	Ratio	Lower	Upper
113	100		
111	101.2	81.2	121.8
192	18.1	15.3	22.9



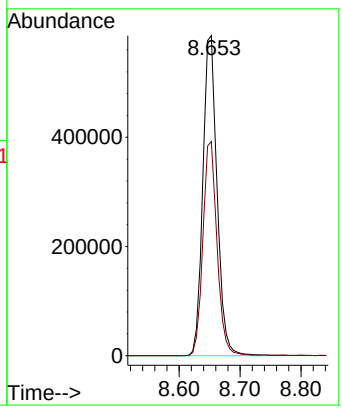


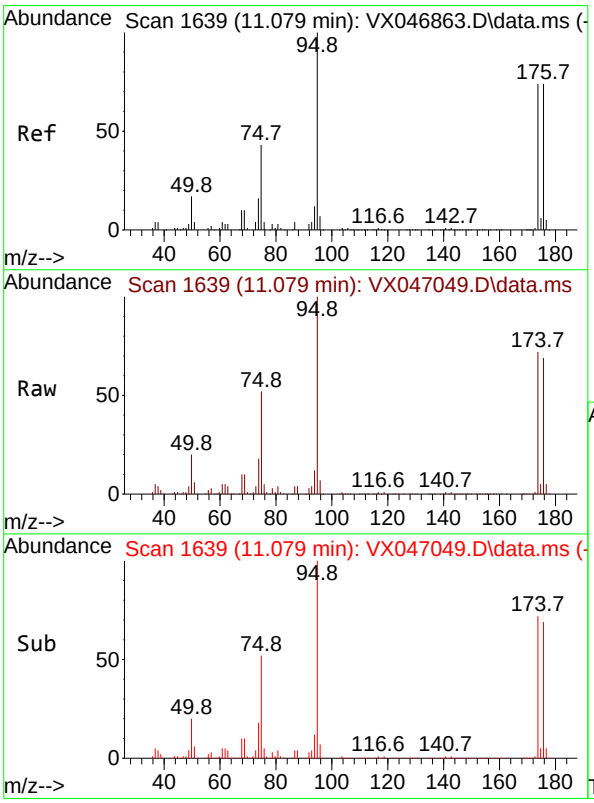
#50
Toluene-d8
Concen: 50.224 ug/l
RT: 8.653 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047049.D
Acq: 18 Jul 2025 15:00

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

Tgt Ion: 98 Resp: 953764

Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.0	79.6

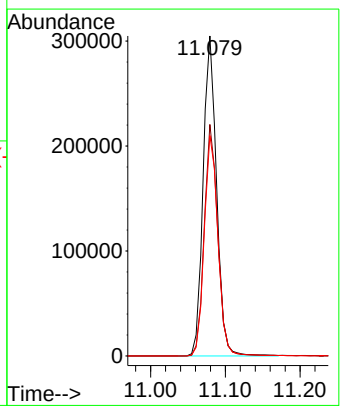


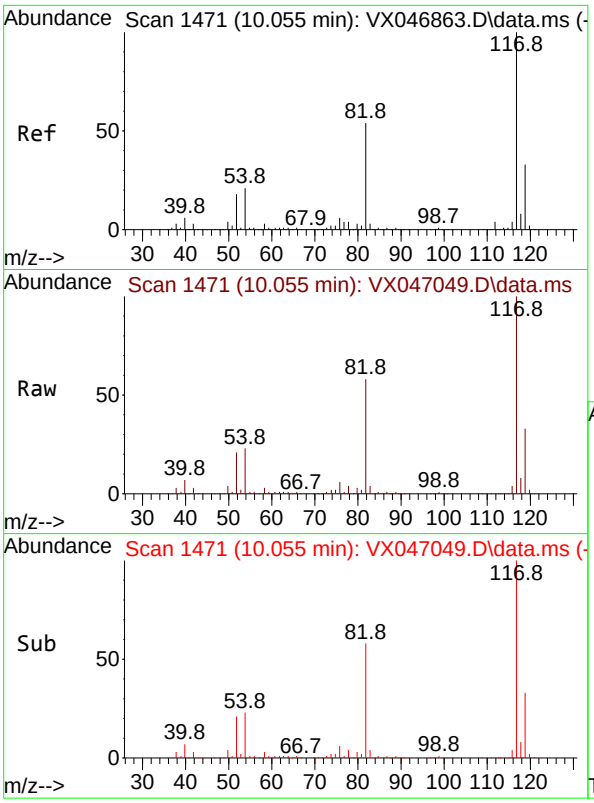


#62
4-Bromofluorobenzene
Concen: 52.731 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX047049.D
Acq: 18 Jul 2025 15:00

Tgt Ion: 95 Resp: 380575

Ion	Ratio	Lower	Upper
95	100		
174	72.7	0.0	152.0
176	70.1	0.0	145.2



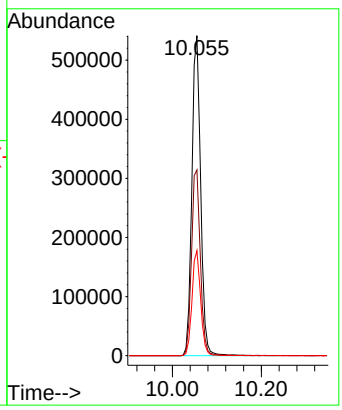


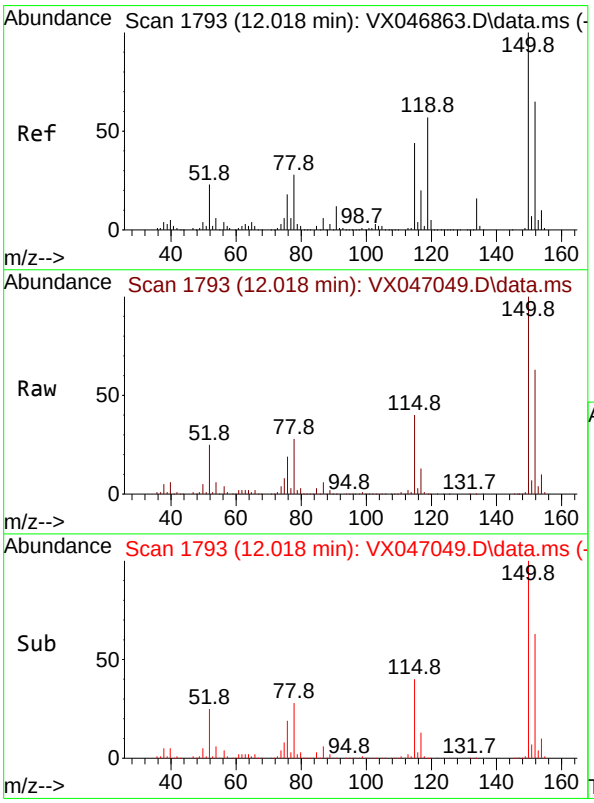
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047049.D
Acq: 18 Jul 2025 15:00

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

Tgt Ion:117 Resp: 740369

Ion	Ratio	Lower	Upper
117	100		
82	58.0	43.3	64.9
119	32.8	26.4	39.6

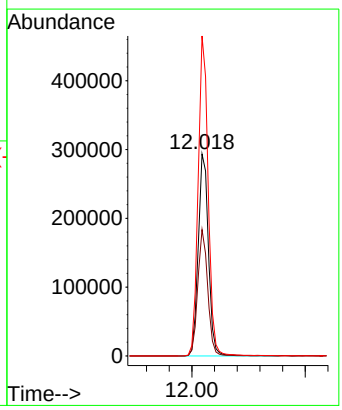




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX047049.D
Acq: 18 Jul 2025 15:00

Tgt Ion:152 Resp: 367208

Ion	Ratio	Lower	Upper
152	100		
115	61.2	42.4	127.1
150	155.3	0.0	349.2



Raw Data: **VX047050.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	07/11/25
Project:	Weekly Storage Blanks	Date Received:	07/18/25
Client Sample ID:	STORAGE-BLANK-SAMPLE-MANAGEMENT	SDG No.:	Q2637
Lab Sample ID:	Q2637-04	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047050.D	1	07/18/25 15:21	VX071825

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
141-78-6	Ethyl Acetate	0.31	U	0.31	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	UQ	5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
107-02-8	Acrolein	7.10	U	7.10	25.0	ug/L
107-13-1	Acrylonitrile	0.83	UQ	0.83	5.00	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	UQ	0.16	1.00	ug/L
79-20-9	Methyl Acetate	0.27	UQ	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
108-05-4	Vinyl Acetate	0.66	U	0.66	5.00	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	UQ	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
594-20-7	2,2-Dichloropropane	0.21	U	0.21	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
563-58-6	1,1-Dichloropropene	0.15	U	0.15	1.00	ug/L

Raw Data: **VX047050.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	07/11/25
Project:	Weekly Storage Blanks	Date Received:	07/18/25
Client Sample ID:	STORAGE-BLANK-SAMPLE-MANAGEMENT	SDG No.:	Q2637
Lab Sample ID:	Q2637-04	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047050.D	1	07/18/25 15:21	VX071825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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
74-95-3	Dibromomethane	0.25	U	0.25	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	UQ	0.68	5.00	ug/L
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
142-28-9	1,3-Dichloropropane	0.19	U	0.19	1.00	ug/L
110-75-8	2-Chloroethyl Vinyl ether	0.30	U	0.30	5.00	ug/L
591-78-6	2-Hexanone	0.89	UQ	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
630-20-6	1,1,1,2-Tetrachloroethane	0.19	U	0.19	1.00	ug/L
67-72-1	Hexachloroethane	0.32	U	0.32	0	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
96-18-4	1,2,3-Trichloropropane	0.35	UQ	0.35	1.00	ug/L
108-86-1	Bromobenzene	0.24	U	0.24	1.00	ug/L
103-65-1	n-propylbenzene	0.13	U	0.13	1.00	ug/L
95-49-8	2-Chlorotoluene	0.14	U	0.14	1.00	ug/L

Raw Data: **VX047050.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	07/11/25
Project:	Weekly Storage Blanks	Date Received:	07/18/25
Client Sample ID:	STORAGE-BLANK-SAMPLE-MANAGEMENT	SDG No.:	Q2637
Lab Sample ID:	Q2637-04	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047050.D	1	07/18/25 15:21	VX071825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-67-8	1,3,5-Trimethylbenzene	0.15	U	0.15	1.00	ug/L
106-43-4	4-Chlorotoluene	0.13	U	0.13	1.00	ug/L
98-06-6	tert-Butylbenzene	0.14	U	0.14	1.00	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.14	U	0.14	1.00	ug/L
135-98-8	sec-Butylbenzene	0.13	U	0.13	1.00	ug/L
99-87-6	p-Isopropyltoluene	0.13	U	0.13	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
104-51-8	n-Butylbenzene	0.15	U	0.15	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	UQ	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
87-68-3	Hexachlorobutadiene	0.30	U	0.30	1.00	ug/L
91-20-3	Naphthalene	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	53.3		74 - 125	107%	SPK: 50
1868-53-7	Dibromofluoromethane	48.4		75 - 124	97%	SPK: 50
2037-26-5	Toluene-d8	50.4		86 - 113	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.1		77 - 121	106%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	449000	5.562			
540-36-3	1,4-Difluorobenzene	797000	6.769			
3114-55-4	Chlorobenzene-d5	745000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	366000	12.018			

Raw Data: **VX047050.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	07/11/25
Project:	Weekly Storage Blanks	Date Received:	07/18/25
Client Sample ID:	STORAGE-BLANK-SAMPLE-MANAGEMENT	SDG No.:	Q2637
Lab Sample ID:	Q2637-04	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047050.D	1	07/18/25 15:21	VX071825

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: **VX047050.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071825\
Data File : VX047050.D
Acq On : 18 Jul 2025 15:21
Operator : JC/MD
Sample : Q2637-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Jul 19 04:25:34 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

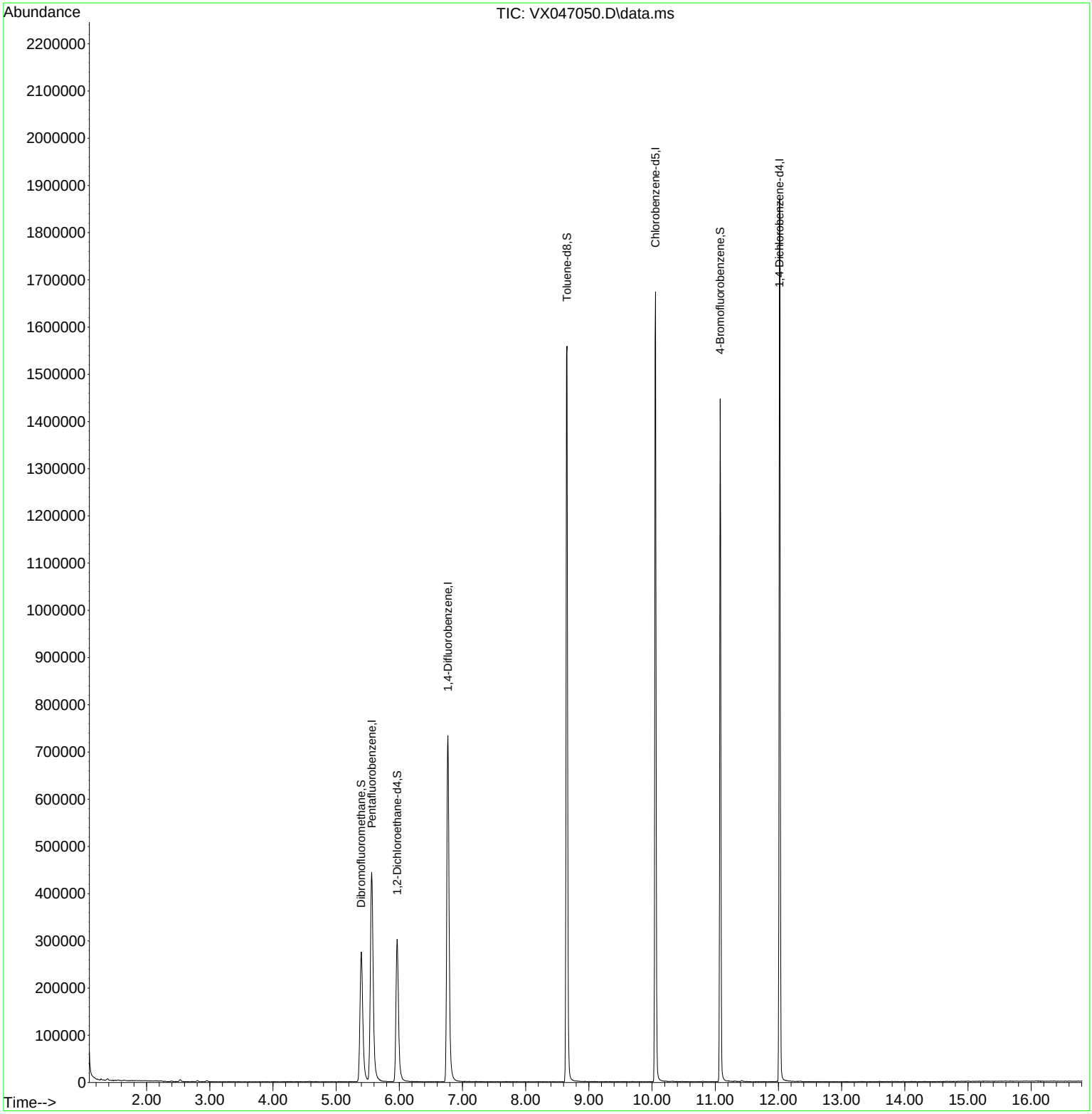
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	449004	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	797488	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	745002	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	366135	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	316374	53.335	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.680%			
35) Dibromofluoromethane	5.397	113	261781	48.358	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.720%			
50) Toluene-d8	8.653	98	962920	50.416	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.840%			
62) 4-Bromofluorobenzene	11.079	95	385387	53.092	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.180%			
Target Compounds						Qvalue

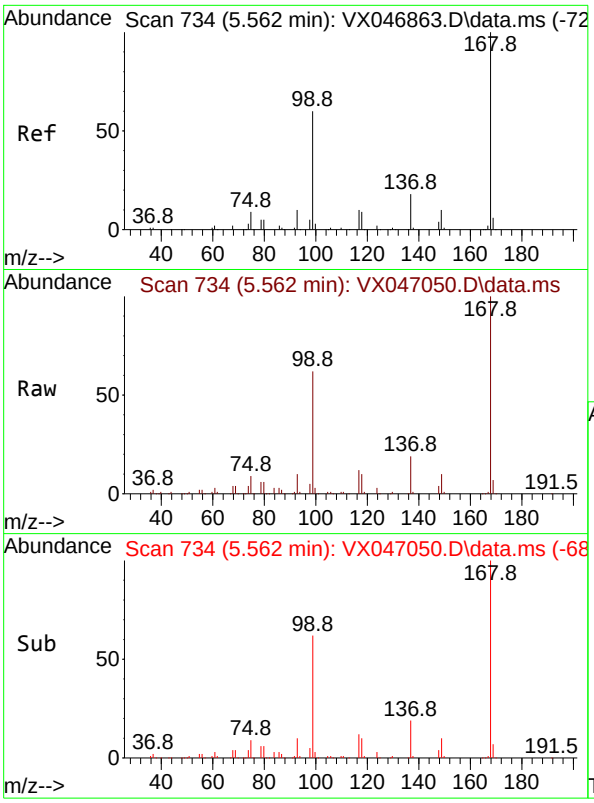
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071825\
Data File : VX047050.D
Acq On : 18 Jul 2025 15:21
Operator : JC/MD
Sample : Q2637-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Jul 19 04:25:34 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



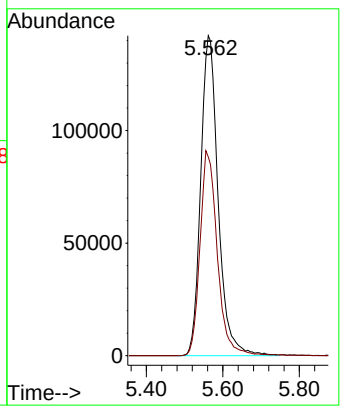


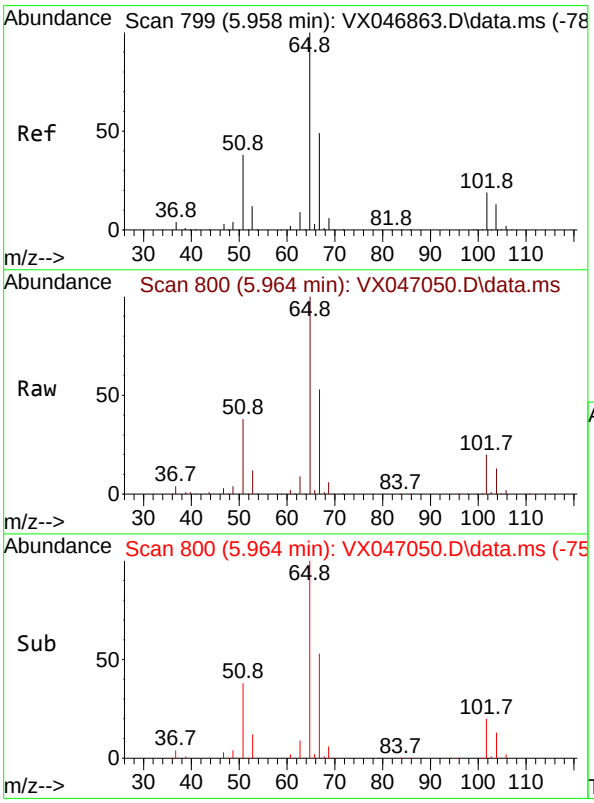
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047050.D
Acq: 18 Jul 2025 15:21

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

Tgt Ion:168 Resp: 449004

Ion	Ratio	Lower	Upper
168	100		
99	62.1	48.8	73.2

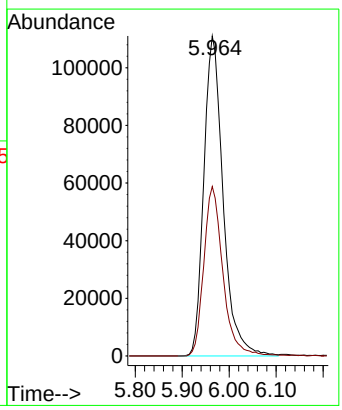


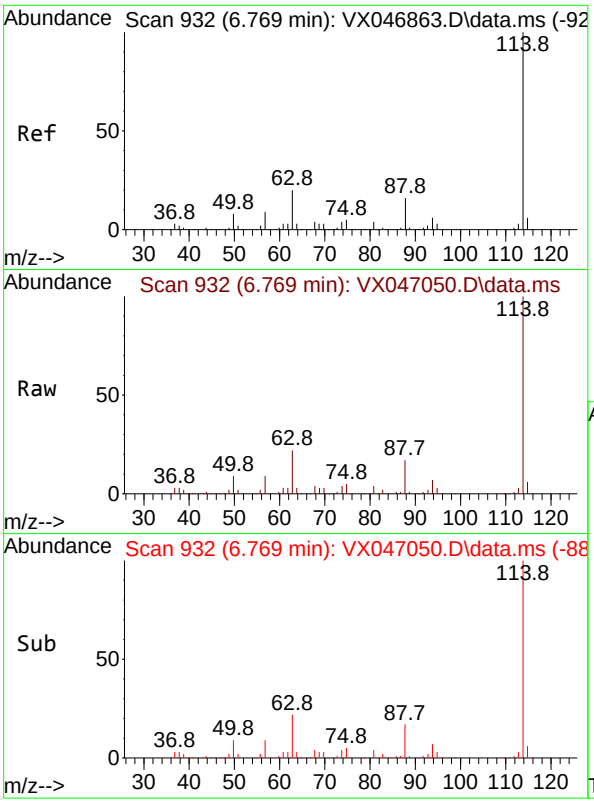


#33
1,2-Dichloroethane-d4
Concen: 53.335 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX047050.D
Acq: 18 Jul 2025 15:21

Tgt Ion: 65 Resp: 316374

Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	105.2



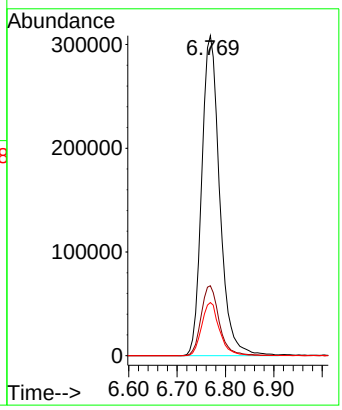


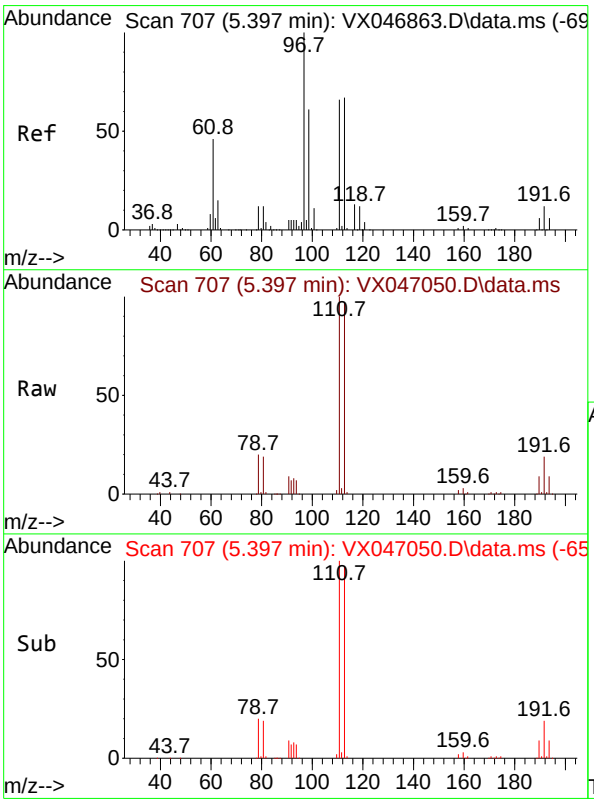
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX047050.D
Acq: 18 Jul 2025 15:21

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

Tgt Ion:114 Resp: 797488

Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	40.4
88	16.6	0.0	31.0

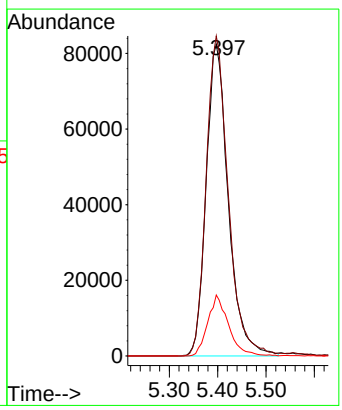


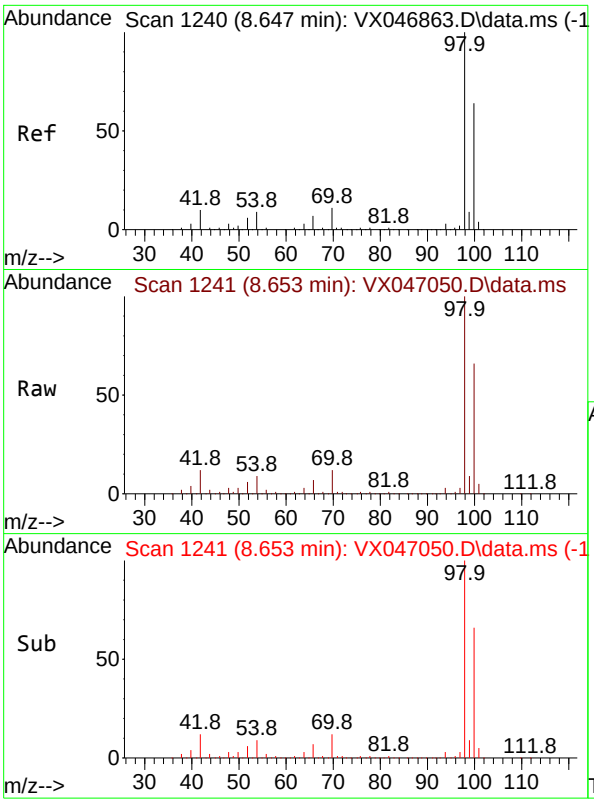


#35
Dibromofluoromethane
Concen: 48.358 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX047050.D
Acq: 18 Jul 2025 15:21

Tgt Ion:113 Resp: 261781

Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.2	121.8
192	18.4	15.3	22.9



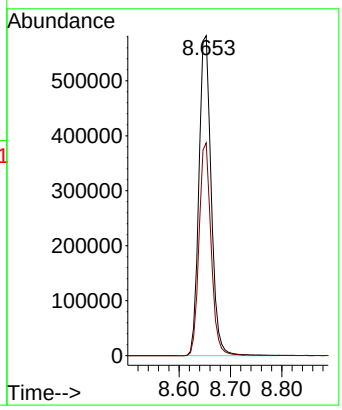


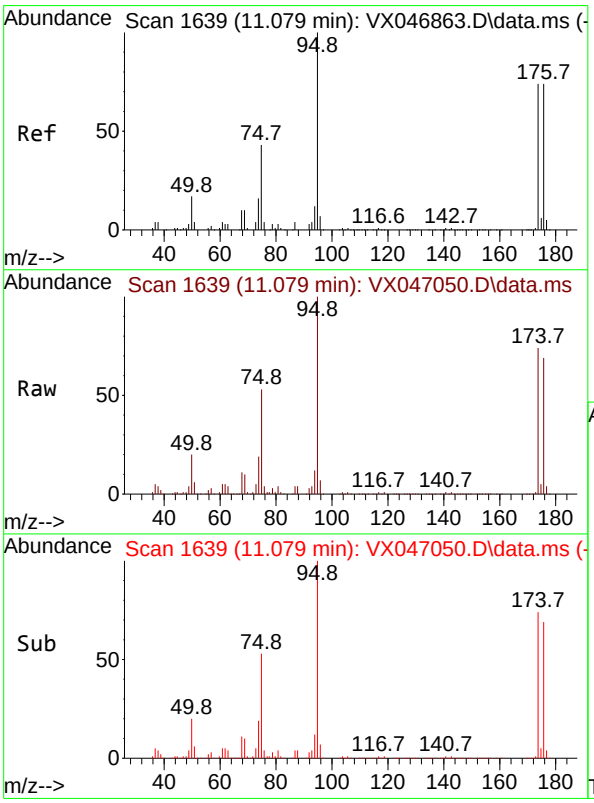
#50
Toluene-d8
Concen: 50.416 ug/l
RT: 8.653 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047050.D
Acq: 18 Jul 2025 15:21

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

Tgt Ion: 98 Resp: 962920

Ion	Ratio	Lower	Upper
98	100		
100	65.1	53.0	79.6

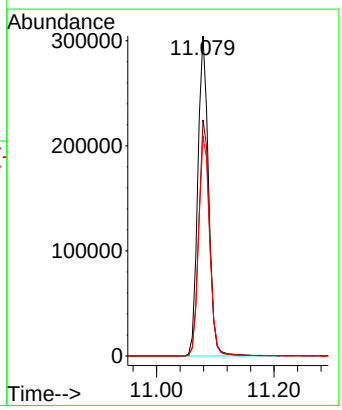


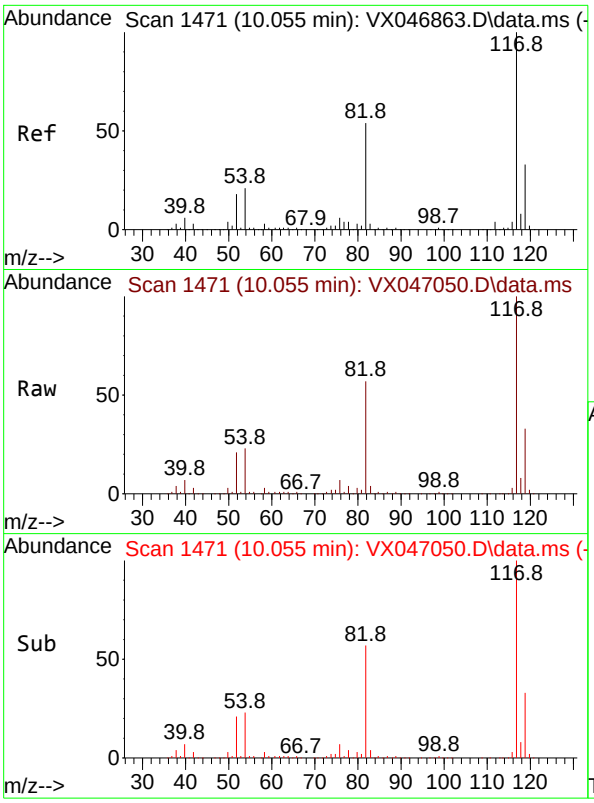


#62
4-Bromofluorobenzene
Concen: 53.092 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX047050.D
Acq: 18 Jul 2025 15:21

Tgt Ion: 95 Resp: 385387

Ion	Ratio	Lower	Upper
95	100		
174	74.1	0.0	152.0
176	70.3	0.0	145.2



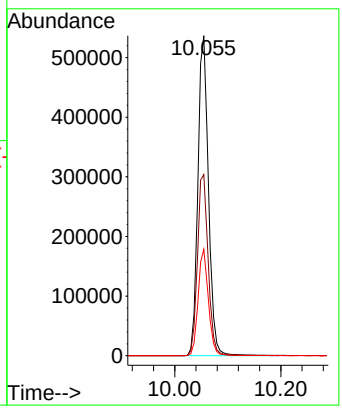


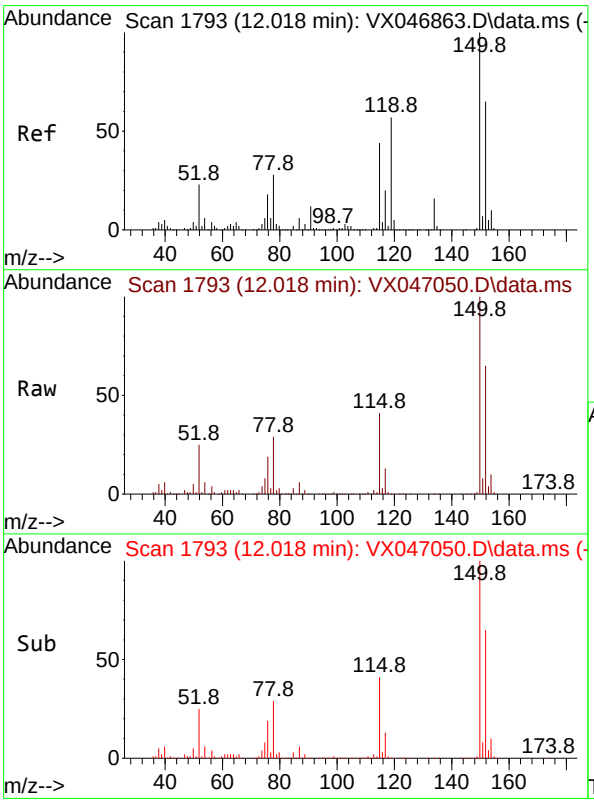
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047050.D
Acq: 18 Jul 2025 15:21

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

Tgt Ion:117 Resp: 745002

Ion	Ratio	Lower	Upper
117	100		
82	56.6	43.3	64.9
119	33.3	26.4	39.6

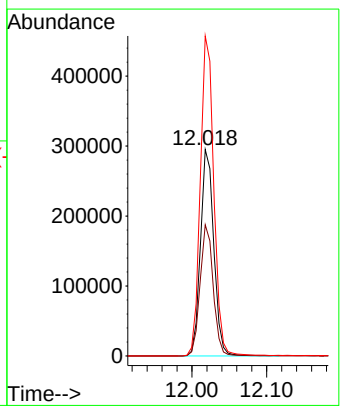




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX047050.D
Acq: 18 Jul 2025 15:21

Tgt Ion:152 Resp: 366135

Ion	Ratio	Lower	Upper
152	100		
115	62.7	42.4	127.1
150	156.7	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: CHEM02

Lab Code: ACE SDG No.: Q2637

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
Ethyl Acetate	0.506	0.376	0.371	0.360	0.355	0.373	0.390	14.7
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
Acrolein		0.074	0.043	0.046	0.048	0.049	0.052	24.1
Acrylonitrile	0.266	0.238	0.249	0.246	0.250	0.254	0.250	3.8
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
Vinyl Acetate	1.255	1.341	1.423	1.423	1.465	1.475	1.397	6
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
2,2-Dichloropropane	0.832	0.746	0.782	0.761	0.802	0.826	0.792	4.4
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
1,1-Dichloropropene	0.499	0.477	0.461	0.439	0.434	0.437	0.458	5.7

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

Raw Data

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: CHEM02

Lab Code: ACE SDG No.: Q2637

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
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
Dibromomethane	0.247	0.246	0.250	0.240	0.236	0.237	0.242	2.4
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
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
1,3-Dichloropropane	0.567	0.567	0.572	0.541	0.528	0.527	0.550	3.8
2-Chloroethyl Vinyl ether	0.217	0.235	0.258	0.267	0.260	0.259	0.249	7.7
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
1,1,1,2-Tetrachloroethane	0.366	0.347	0.377	0.359	0.366	0.367	0.363	2.7
Hexachloroethane	0.530	0.523	0.537	0.554	0.581	0.589	0.552	5
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
1,2,3-Trichloropropane	0.781	0.720	0.770	0.787	0.791	0.787	0.773	3.5
Bromobenzene	0.868	0.890	0.876	0.876	0.870	0.872	0.875	0.9
n-propylbenzene	4.048	4.223	4.362	4.293	4.271	4.233	4.238	2.5

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

Raw Data

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: CHEM02

Lab Code: ACE SDG No.: Q2637

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
2-Chlorotoluene	2.441	2.523	2.596	2.482	2.498	2.474	2.503	2.1
1,3,5-Trimethylbenzene	2.574	2.780	3.014	2.924	2.947	2.896	2.856	5.5
4-Chlorotoluene	2.755	2.916	2.982	2.915	2.900	2.859	2.888	2.6
tert-Butylbenzene	2.733	2.876	3.036	3.020	3.031	3.002	2.950	4.1
1,2,4-Trimethylbenzene	2.615	2.872	3.017	2.949	2.930	2.937	2.887	4.9
sec-Butylbenzene	3.475	3.721	3.852	3.782	3.766	3.719	3.719	3.5
p-Isopropyltoluene	2.948	3.159	3.181	3.162	3.160	3.077	3.114	2.9
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
n-Butylbenzene	2.747	2.891	3.036	2.987	2.983	2.914	2.926	3.5
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
Hexachlorobutadiene	0.393	0.397	0.421	0.409	0.408	0.411	0.407	2.5
Naphthalene	2.210	2.537	2.893	3.034	3.096	3.273	2.840	13.9
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

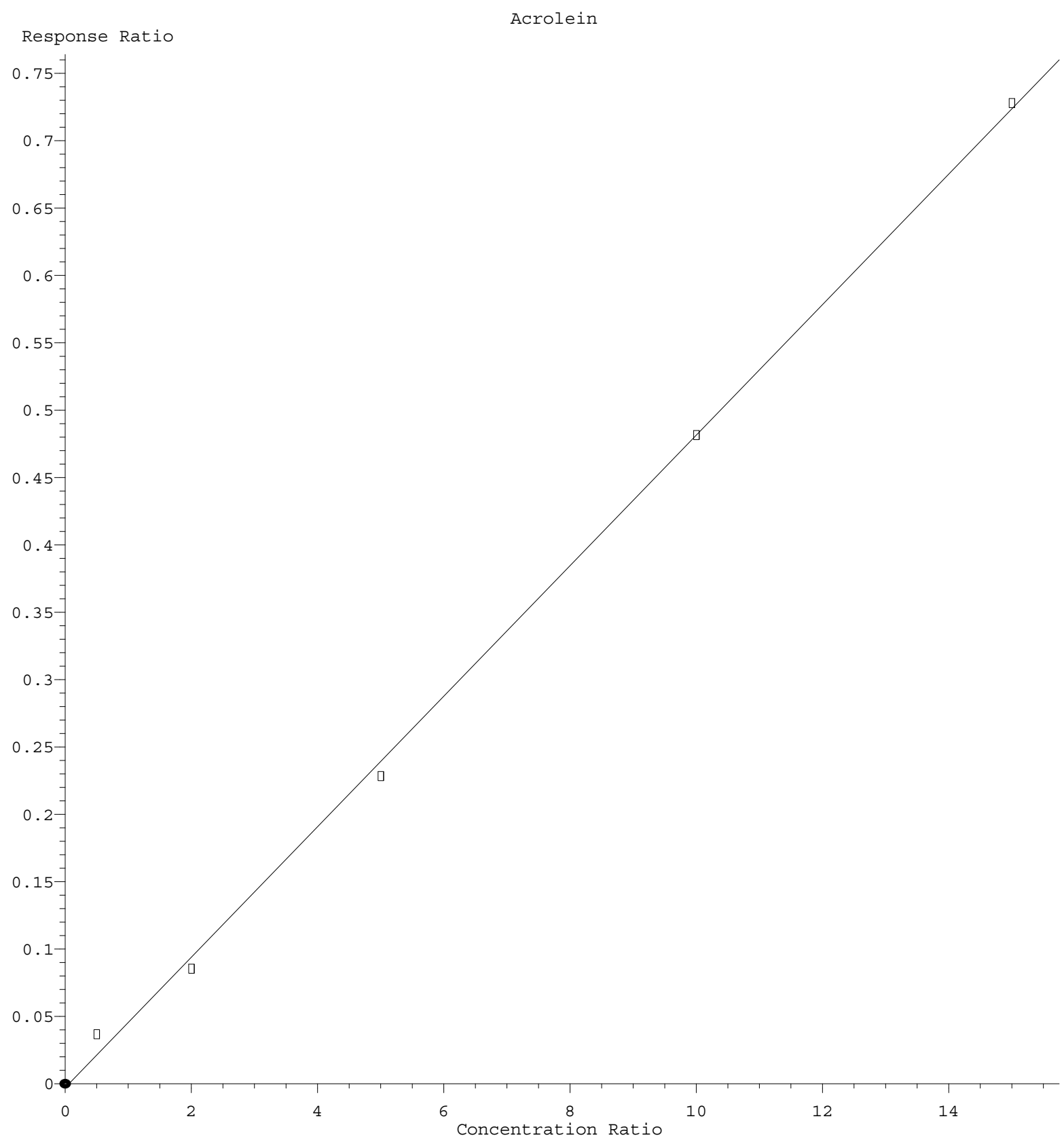
Calibration Files
1 =VX046860.D 5 =VX046861.D 20 =VX046862.D 50 =VX046863.D 100 =VX046864.D 150 =VX046865.D

		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

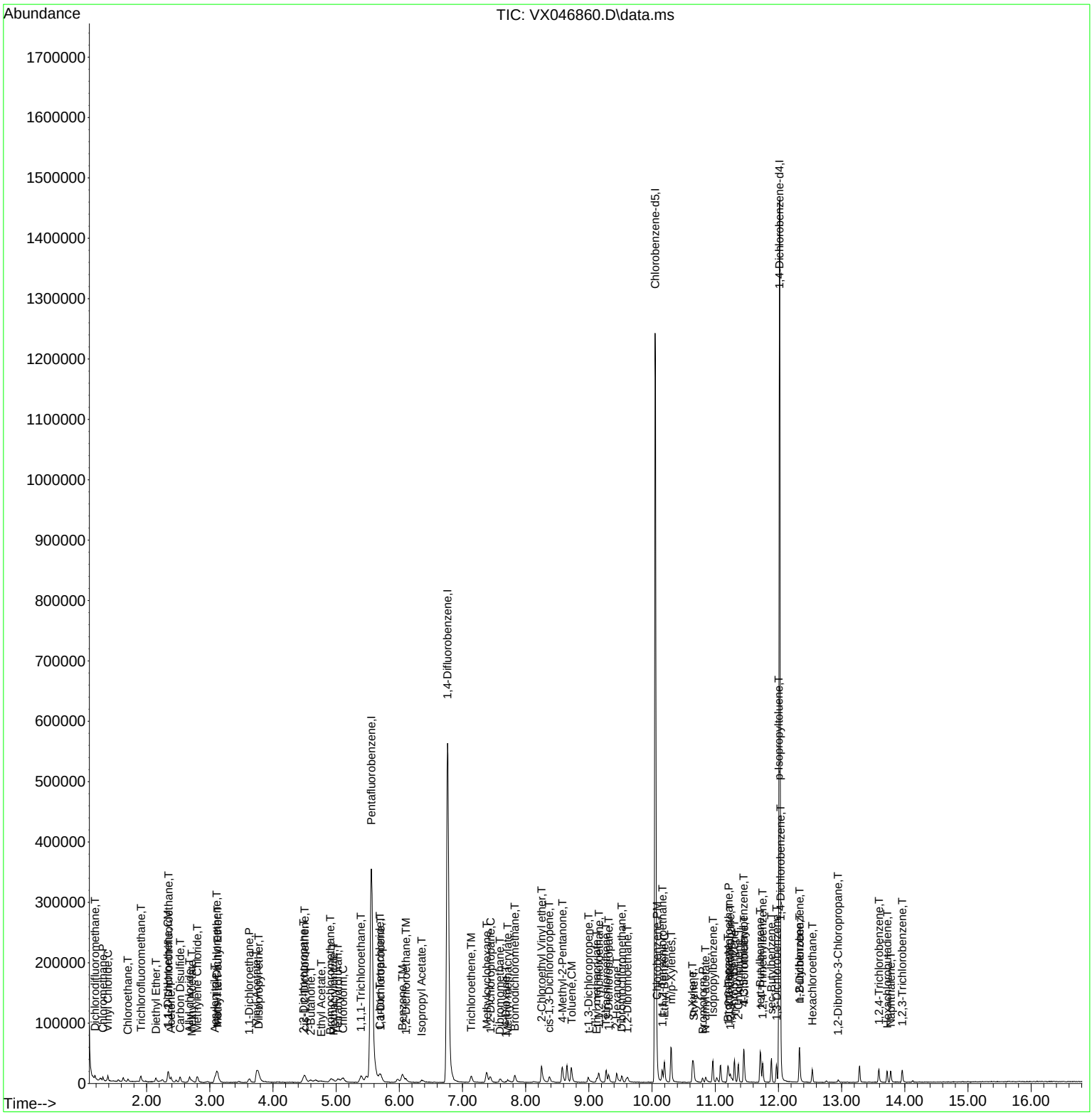
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046860.D
Acq On : 02 Jul 2025 12:11
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

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

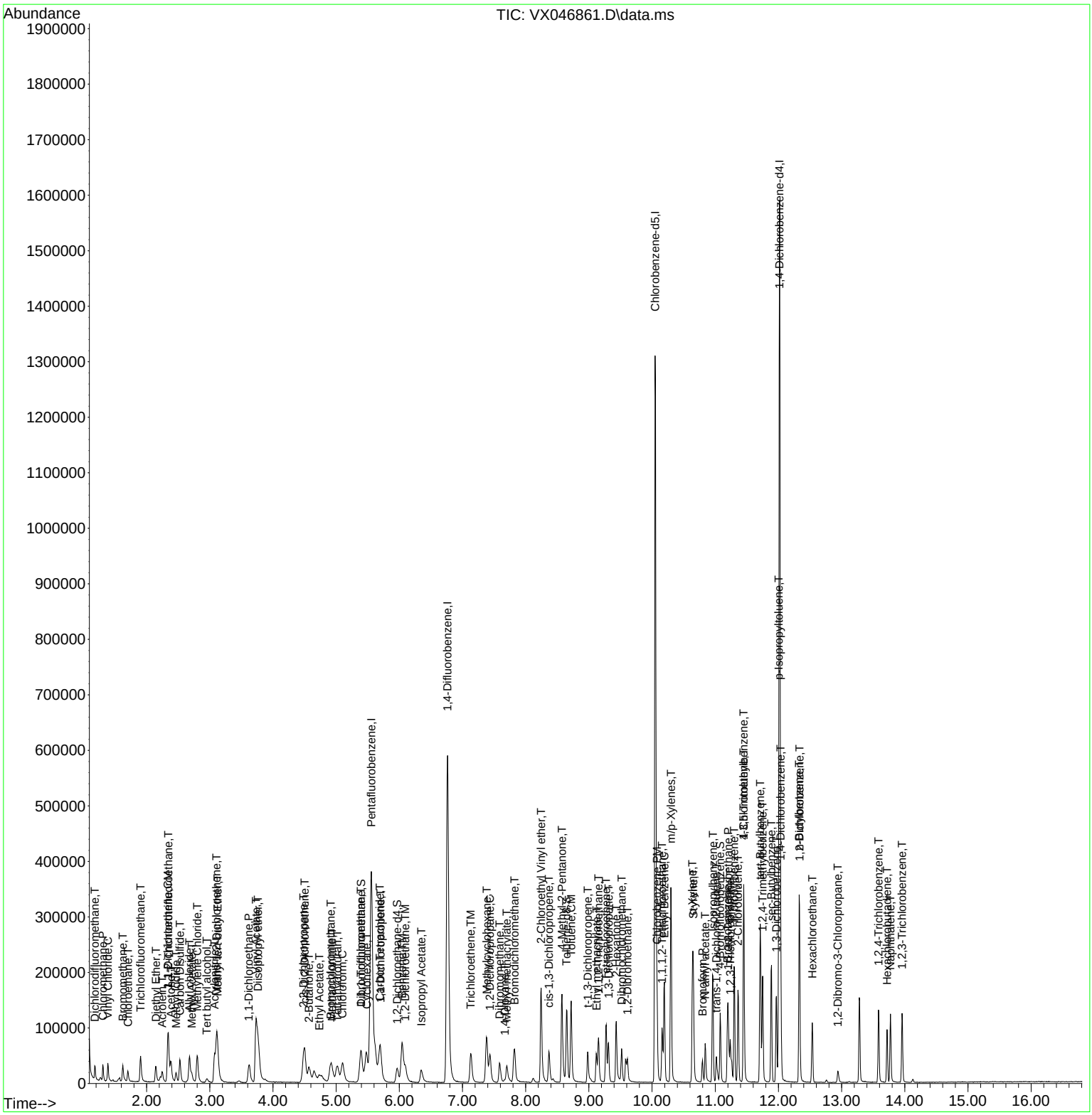
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046861.D
Acq On : 02 Jul 2025 12:37
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

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

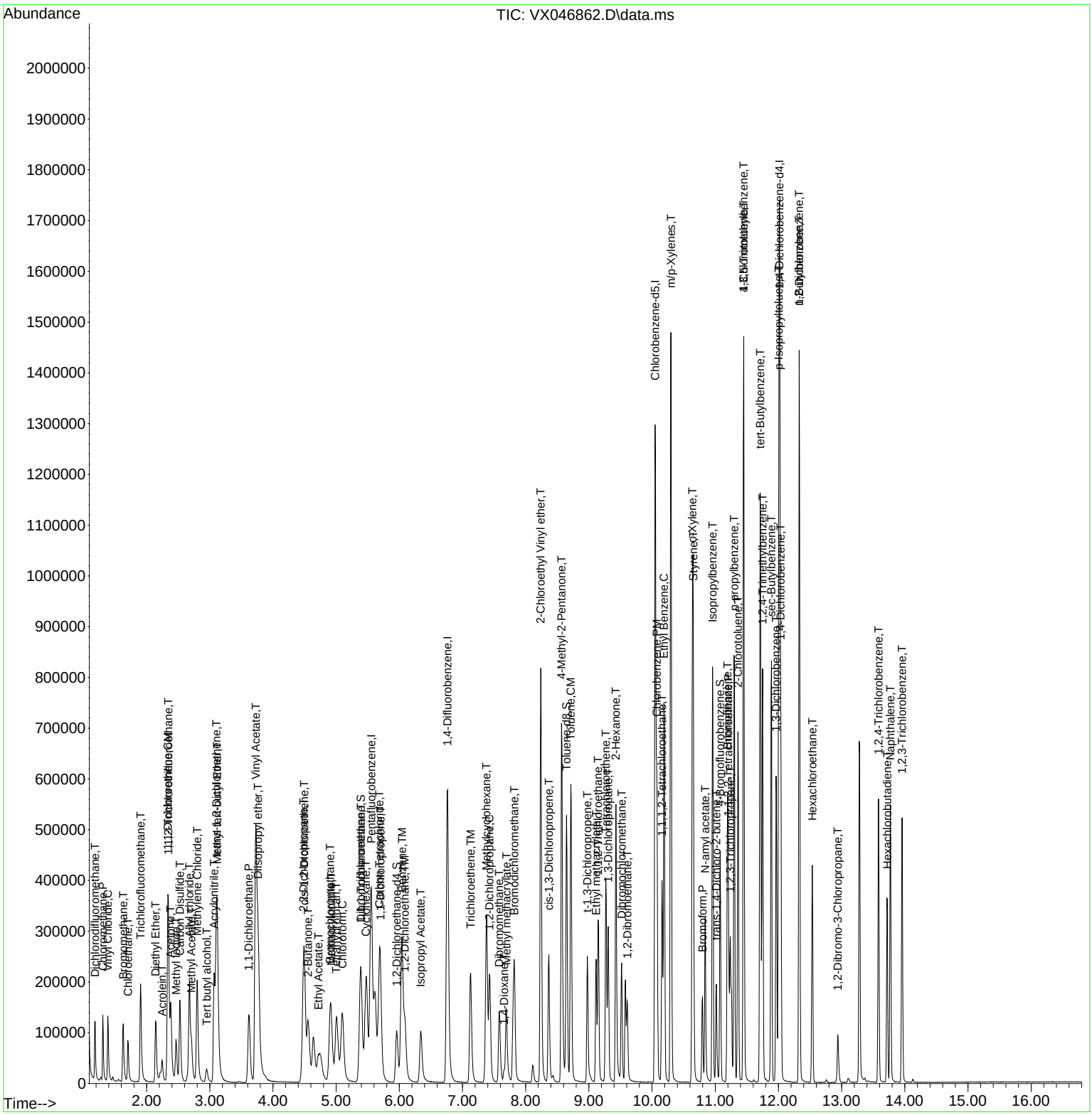
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046862.D
Acq On : 02 Jul 2025 13:18
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

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

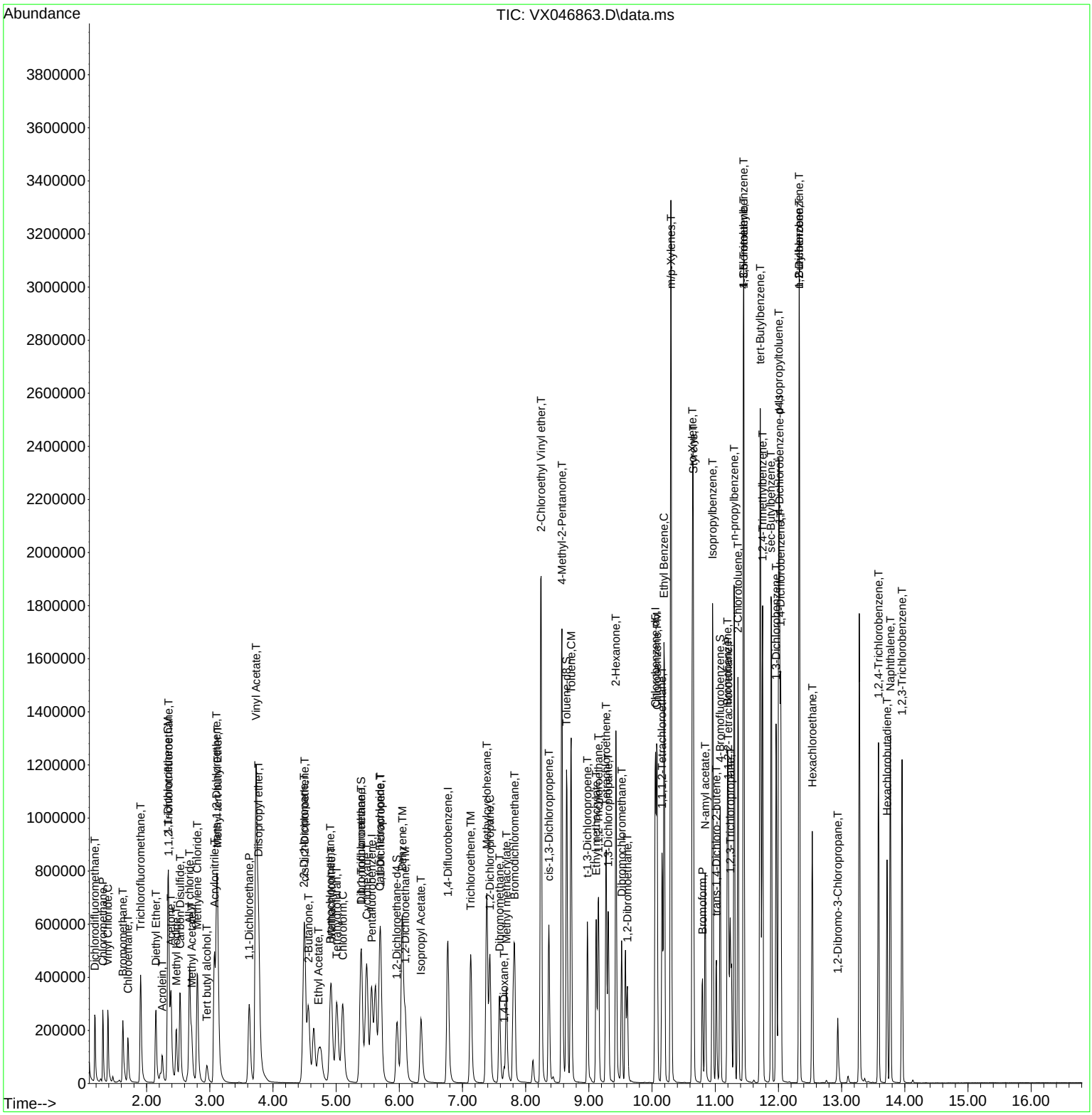
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046863.D
Acq On : 02 Jul 2025 13:39
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

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

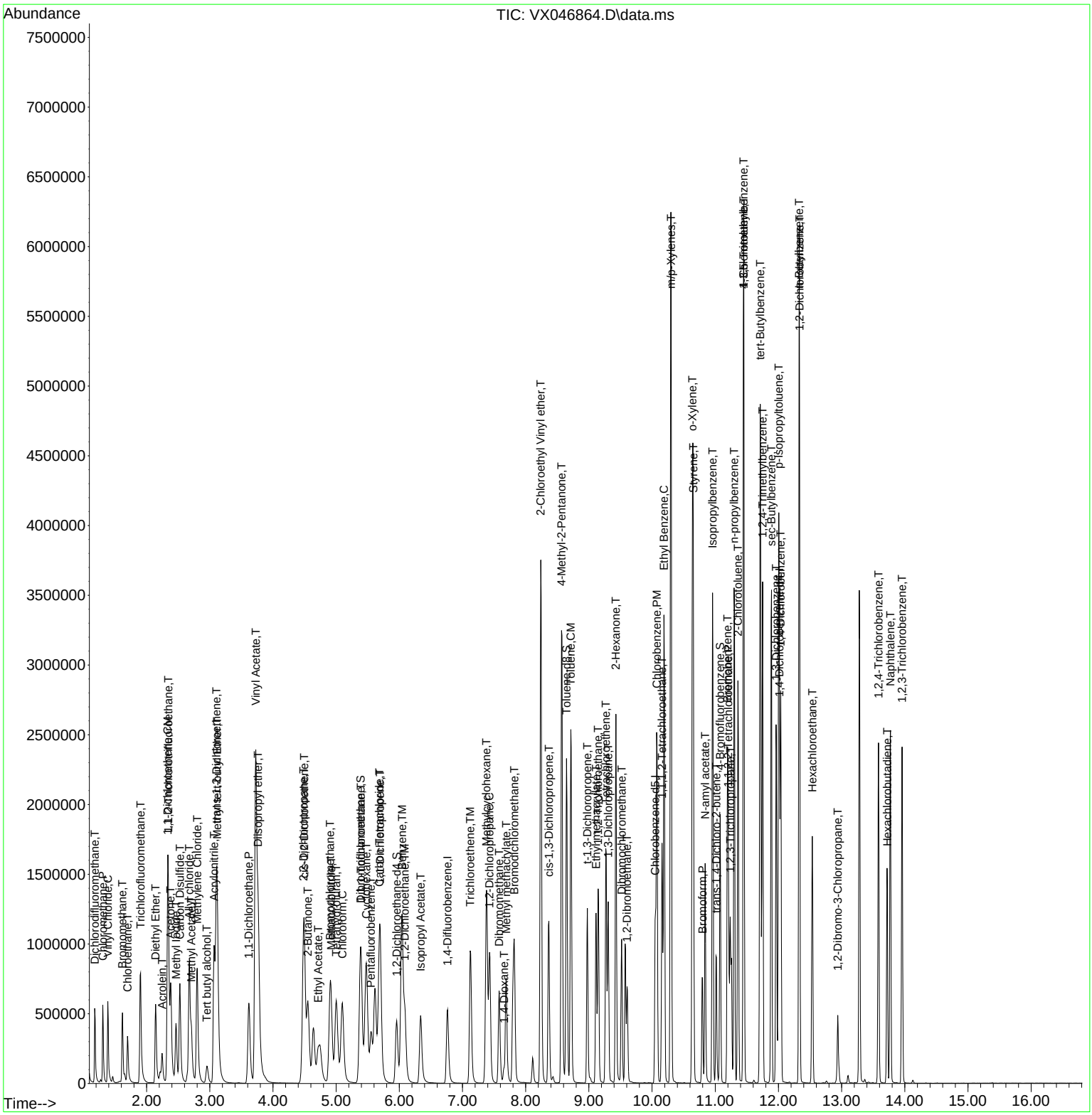
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046864.D
Acq On : 02 Jul 2025 14:10
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

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

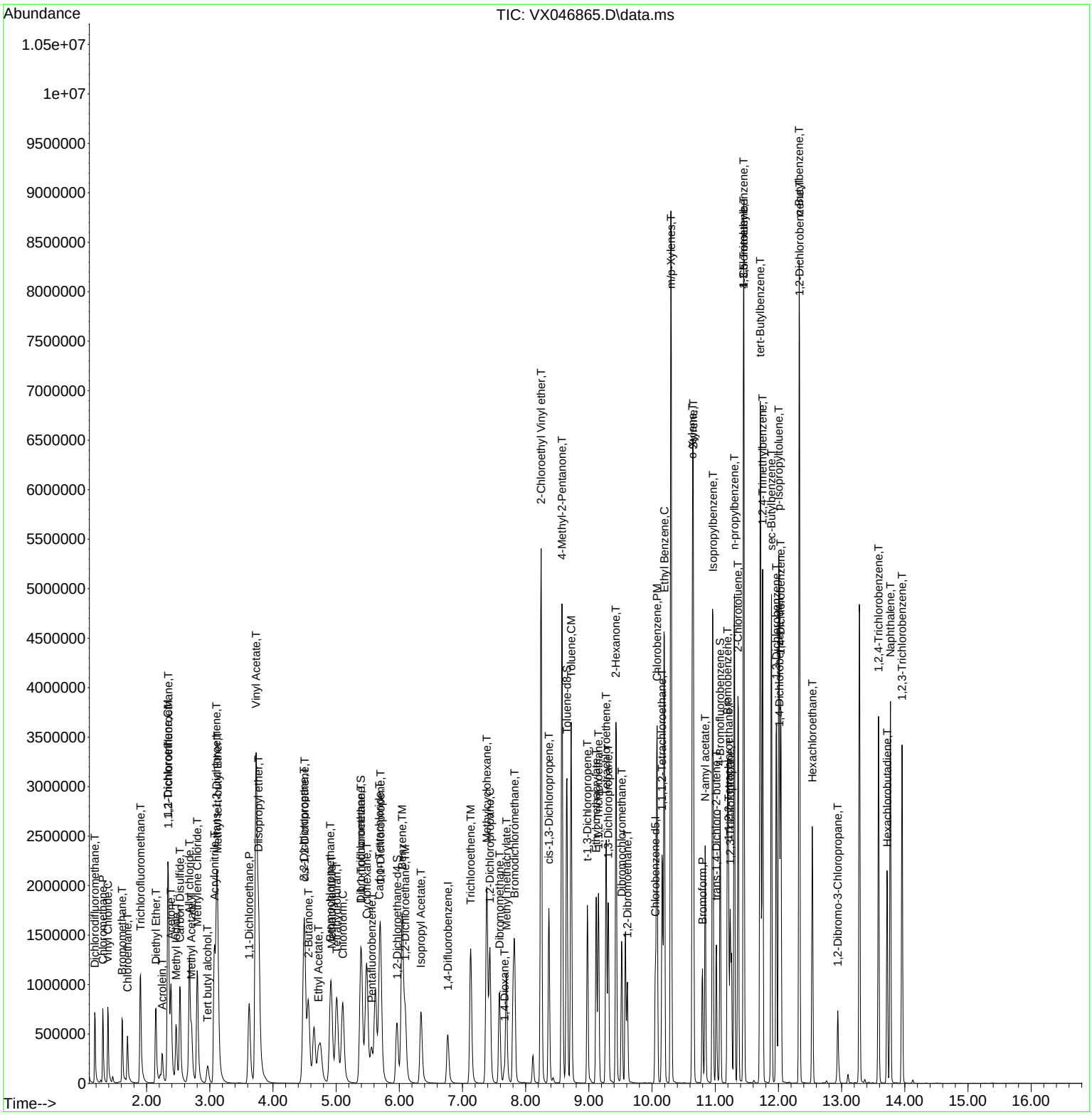
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046865.D
Acq On : 02 Jul 2025 14:31
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

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

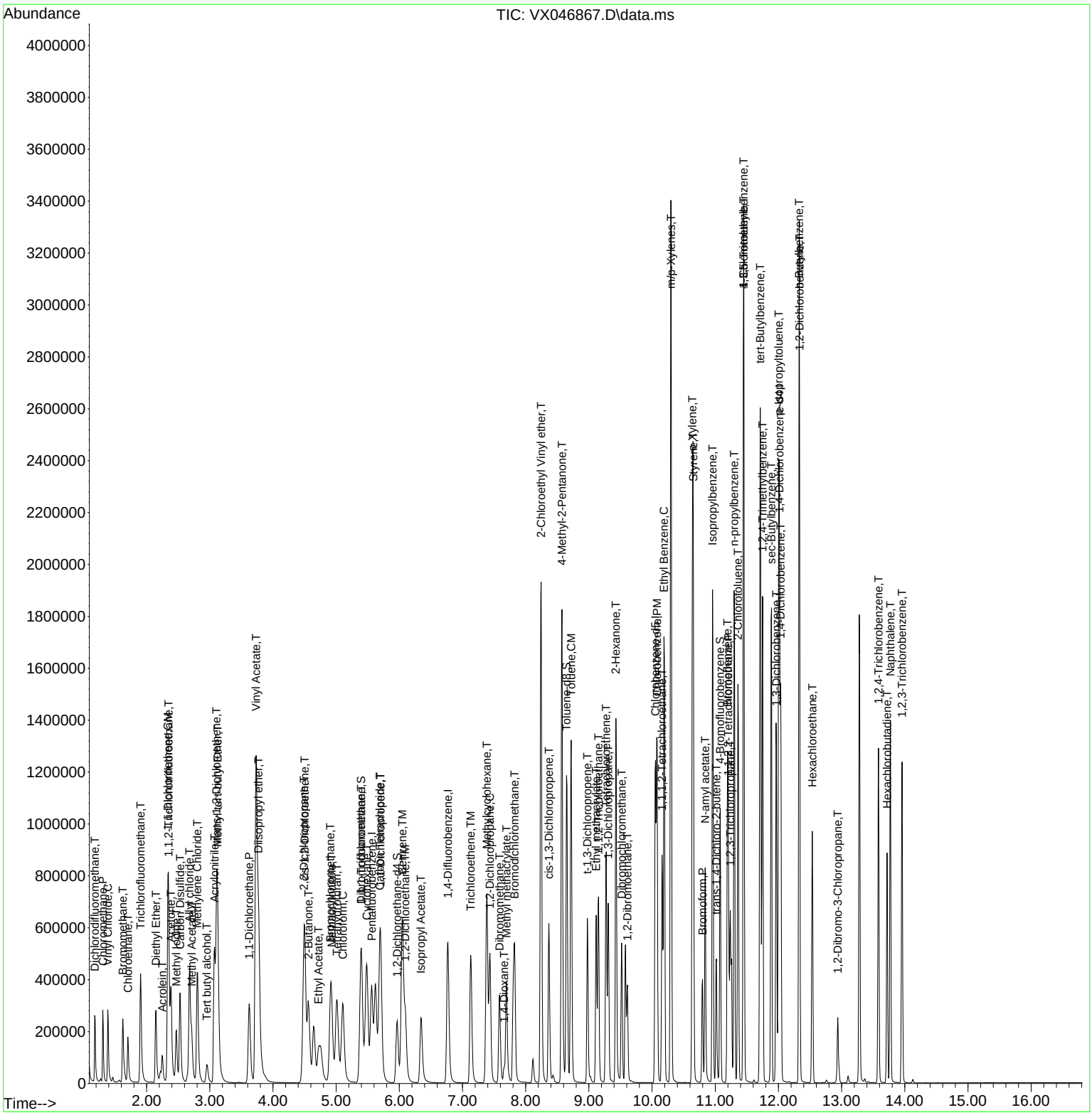
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046867.D
Acq On : 02 Jul 2025 15:14
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

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

Alliance TECHNICAL GROUP

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	Alliance	Contract:	CHEM02
Lab Code:	ACE	SDG No.:	Q2637
Instrument ID:	MSVOA_X	Calibration Date/Time:	07/18/2025 10:20
Lab File ID:	VX047038.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	0.502		5.02	20
Chloromethane	0.522	0.507	0.1	-2.87	20
Vinyl Chloride	0.569	0.561		-1.41	20
Ethyl Acetate	0.390	0.455		16.67	20
Bromomethane	0.366	0.347		-5.19	20
Chloroethane	0.376	0.365		-2.93	20
Trichlorofluoromethane	0.880	0.945		7.39	20
1,1,2-Trichlorotrifluoroethane	0.561	0.603		7.49	20
Tert butyl alcohol	0.043	0.066		53.49	20
1,1-Dichloroethene	0.542	0.553		2.03	20
Acrolein	0.052	0.048		-7.69	20
Acrylonitrile	0.250	0.301		20.4	20
Acetone	0.205	0.254		23.9	20
Carbon Disulfide	1.422	1.158		-18.57	20
Methyl tert-butyl Ether	1.531	1.906		24.49	20
Methyl Acetate	0.541	0.908		67.84	20
Methylene Chloride	0.607	0.622		2.47	20
trans-1,2-Dichloroethene	0.555	0.568		2.34	20
Vinyl Acetate	1.397	1.619		15.89	20
1,1-Dichloroethane	1.064	1.147	0.1	7.8	20
Cyclohexane	0.944	0.928		-1.7	20
2-Butanone	0.274	0.358		30.66	20
Carbon Tetrachloride	0.484	0.519		7.23	20
2,2-Dichloropropane	0.792	0.942		18.94	20
cis-1,2-Dichloroethene	0.677	0.718		6.06	20
Bromochloromethane	0.525	0.519		-1.14	20
Chloroform	1.087	1.168		7.45	20
1,1,1-Trichloroethane	0.908	1.002		10.35	20
Methylcyclohexane	0.573	0.576		0.52	20
1,1-Dichloropropene	0.458	0.468		2.18	20
Benzene	1.385	1.417		2.31	20
1,2-Dichloroethane	0.470	0.509		8.3	20
Trichloroethene	0.361	0.368		1.94	20
1,2-Dichloropropane	0.350	0.371		6	20
Dibromomethane	0.242	0.259		7.03	20
Bromodichloromethane	0.518	0.560		8.11	20
4-Methyl-2-Pentanone	0.353	0.456		29.18	20
Toluene	0.858	0.895		4.31	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: **VX047038.D**

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: CHEM02
Lab Code: ACE
SDG No.: Q2637
Instrument ID: MSVOA_X
Calibration Date/Time: 07/18/2025 10:20
Lab File ID: VX047038.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
t-1,3-Dichloropropene	0.462	0.551		19.26	20
cis-1,3-Dichloropropene	0.527	0.597		13.28	20
1,1,2-Trichloroethane	0.320	0.347		8.44	20
1,3-Dichloropropane	0.550	0.597		8.55	20
2-Chloroethyl Vinyl ether	0.249	0.277		11.24	20
2-Hexanone	0.234	0.315		34.62	20
Dibromochloromethane	0.383	0.409		6.79	20
1,2-Dibromoethane	0.321	0.351		9.35	20
Tetrachloroethene	0.333	0.337		1.2	20
Chlorobenzene	1.081	1.155	0.3	6.85	20
1,1,1,2-Tetrachloroethane	0.363	0.405		11.57	20
Hexachloroethane	0.552	0.646		17.03	20
Ethyl Benzene	1.851	2.039		10.16	20
m/p-Xylenes	0.698	0.755		8.17	20
o-Xylene	0.674	0.736		9.2	20
Styrene	1.153	1.276		10.67	20
Bromoform	0.270	0.307	0.1	13.7	20
Isopropylbenzene	3.515	4.127		17.41	20
1,1,2,2-Tetrachloroethane	0.966	1.177	0.3	21.84	20
1,2,3-Trichloropropane	0.773	0.974		26	20
Bromobenzene	0.875	0.986		12.69	20
n-propylbenzene	4.238	4.897		15.55	20
2-Chlorotoluene	2.503	2.883		15.18	20
1,3,5-Trimethylbenzene	2.856	3.352		17.37	20
4-Chlorotoluene	2.888	3.400		17.73	20
tert-Butylbenzene	2.950	3.450		16.95	20
1,2,4-Trimethylbenzene	2.887	3.397		17.67	20
sec-Butylbenzene	3.719	4.313		15.97	20
p-Isopropyltoluene	3.114	3.629		16.54	20
1,3-Dichlorobenzene	1.637	1.850		13.01	20
1,4-Dichlorobenzene	1.704	1.848		8.45	20
n-Butylbenzene	2.926	3.403		16.3	20
1,2-Dichlorobenzene	1.587	1.750		10.27	20
1,2-Dibromo-3-Chloropropane	0.169	0.232		37.28	20
1,2,4-Trichlorobenzene	1.078	1.228		13.91	20
Hexachlorobutadiene	0.407	0.429		5.41	20
Naphthalene	2.840	3.664		29.01	20
1,2,3-Trichlorobenzene	1.019	1.161		13.94	20

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

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	Alliance	Contract:	CHEM02
Lab Code:	ACE	SDG No.:	Q2637
Instrument ID:	MSVOA_X	Calibration Date/Time:	07/18/2025 10:20
Lab File ID:	VX047038.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
1,2-Dichloroethane-d4	0.661	0.688		4.09	20
Dibromofluoromethane	0.339	0.330		-2.65	20
Toluene-d8	1.197	1.171		-2.17	20
4-Bromofluorobenzene	0.455	0.449		-1.32	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\VX071825\
Data File : VX047038.D
Acq On : 18 Jul 2025 10:20
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 19 04:18:55 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
07/21/2025
Supervised By :Mahesh Dadoda
07/21/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	359107	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	596829	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	517658	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	246681	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	247187	52.104	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.200%			
35) Dibromofluoromethane	5.391	113	197225	48.682	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.360%			
50) Toluene-d8	8.647	98	698836	48.891	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.780%			
62) 4-Bromofluorobenzene	11.079	95	268006	49.334	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.660%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.179	85	180110	52.444	ug/l	99
3) Chloromethane	1.307	50	181912	48.481	ug/l	97
4) Vinyl Chloride	1.386	62	201461	49.304	ug/l	99
5) Bromomethane	1.618	94	124780	47.527	ug/l	98
6) Chloroethane	1.703	64	131068	48.577	ug/l	98
7) Trichlorofluoromethane	1.904	101	339348	53.710	ug/l	97
8) Diethyl Ether	2.142	74	125225	55.695	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.343	101	216362	53.742	ug/l	98
10) Methyl Iodide	2.465	142	212256	48.393	ug/l	97
11) Tert butyl alcohol	2.953	59	118927	382.223	ug/l	100
12) 1,1-Dichloroethene	2.331	96	198653	51.015	ug/l	99
13) Acrolein	2.245	56	86657	252.018	ug/l	98
14) Allyl chloride	2.678	41	383442	55.308	ug/l	99
15) Acrylonitrile	3.069	53	541071	300.773	ug/l	100
16) Acetone	2.386	43	456956	310.088	ug/l	96
17) Carbon Disulfide	2.526	76	415942	40.730	ug/l	100
18) Methyl Acetate	2.709	43	326030	83.939	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	684514	62.249	ug/l	99
20) Methylene Chloride	2.800	84	223275	51.238	ug/l	99
21) trans-1,2-Dichloroethene	3.099	96	203827	51.154	ug/l	99
22) Diisopropyl ether	3.764	45	776474	57.972	ug/l	97
23) Vinyl Acetate	3.727	43	2906252	289.628	ug/l	99
24) 1,1-Dichloroethane	3.617	63	411882	53.920	ug/l	100
25) 2-Butanone	4.556	43	641929	326.499	ug/l	99
26) 2,2-Dichloropropane	4.483	77	338110	59.474	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	257744	52.980	ug/l	97
28) Bromochloromethane	4.904	49	186260	49.407	ug/l	96
29) Tetrahydrofuran	5.001	42	409749	326.933	ug/l	98
30) Chloroform	5.099	83	419304	53.730	ug/l	98
31) Cyclohexane	5.477	56	333317	49.152	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	359990	55.214	ug/l	99
36) 1,1-Dichloropropene	5.696	75	279320	51.101	ug/l	99
37) Ethyl Acetate	4.715	43	271325	58.280	ug/l	99
38) Carbon Tetrachloride	5.684	117	309823	53.613	ug/l	99
39) Methylcyclohexane	7.379	83	343483	50.235	ug/l	99
40) Benzene	6.037	78	845590	51.145	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071825\
Data File : VX047038.D
Acq On : 18 Jul 2025 10:20
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 19 04:18:55 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
07/21/2025
Supervised By :Mahesh Dadoda
07/21/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	155817	62.741	ug/l	97
42) 1,2-Dichloroethane	6.086	62	303600	54.078	ug/l	99
43) Isopropyl Acetate	6.336	43	456044	63.954	ug/l	99
44) Trichloroethene	7.123	130	219800	51.072	ug/l	99
45) 1,2-Dichloropropane	7.428	63	221449	53.015	ug/l	99
46) Dibromomethane	7.580	93	154324	53.323	ug/l	98
47) Bromodichloromethane	7.818	83	334287	54.094	ug/l	99
48) Methyl methacrylate	7.690	41	240400	65.290	ug/l	97
49) 1,4-Dioxane	7.653	88	57468	1347.013	ug/l	99
51) 4-Methyl-2-Pentanone	8.568	43	1361584	323.536	ug/l	100
52) Toluene	8.714	92	533990	52.122	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	328718	59.603	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	356481	56.628	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	207285	54.320	ug/l	99
56) Ethyl methacrylate	9.110	69	328405	62.178	ug/l	97
57) 1,3-Dichloropropane	9.305	76	356376	54.236	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	825602	277.426	ug/l	100
59) 2-Hexanone	9.427	43	941297	337.206	ug/l	99
60) Dibromochloromethane	9.519	129	243894	53.406	ug/l	100
61) 1,2-Dibromoethane	9.604	107	209351	54.626	ug/l	99
64) Tetrachloroethene	9.269	164	174590	50.656	ug/l	96
65) Chlorobenzene	10.079	112	598059	53.436	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	209879	55.784	ug/l	98
67) Ethyl Benzene	10.189	91	1055615	55.076	ug/l	99
68) m/p-Xylenes	10.299	106	781683	108.232	ug/l	98
69) o-Xylene	10.640	106	381009	54.613	ug/l	100
70) Styrene	10.653	104	660573	55.343	ug/l	98
71) Bromoform	10.799	173	159070	56.862	ug/l	98
73) Isopropylbenzene	10.957	105	1018068	58.709	ug/l	99
74) N-amyl acetate	10.842	43	407853	69.214	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	290315	60.884	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	240350m	63.058	ug/l	
77) Bromobenzene	11.195	156	243145	56.292	ug/l	96
78) n-propylbenzene	11.299	91	1208086	57.776	ug/l	100
79) 2-Chlorotoluene	11.360	91	711268	57.609	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	826940	58.688	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.012	75	94917	66.825	ug/l	100
82) 4-Chlorotoluene	11.451	91	838693	58.865	ug/l	99
83) tert-Butylbenzene	11.713	119	850948	58.473	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	837919	58.834	ug/l	96
85) sec-Butylbenzene	11.890	105	1063839	57.979	ug/l	100
86) p-Isopropyltoluene	12.006	119	895123	58.255	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	456306	56.486	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	455918	54.229	ug/l	99
89) n-Butylbenzene	12.329	91	839391	58.139	ug/l	99
90) Hexachloroethane	12.536	117	159340	58.497	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	431644	55.139	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	57256	68.653	ug/l	93
93) 1,2,4-Trichlorobenzene	13.585	180	302844	56.945	ug/l	100
94) Hexachlorobutadiene	13.719	225	105778	52.741	ug/l	98
95) Naphthalene	13.774	128	903744	64.490	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	286344	56.984	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071825\
Data File : VX047038.D
Acq On : 18 Jul 2025 10:20
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 19 04:18:55 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
07/21/2025
Supervised By :Mahesh Dadoda
07/21/2025

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\VX071825\
Data File : VX047038.D
Acq On : 18 Jul 2025 10:20
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 19 04:18:55 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

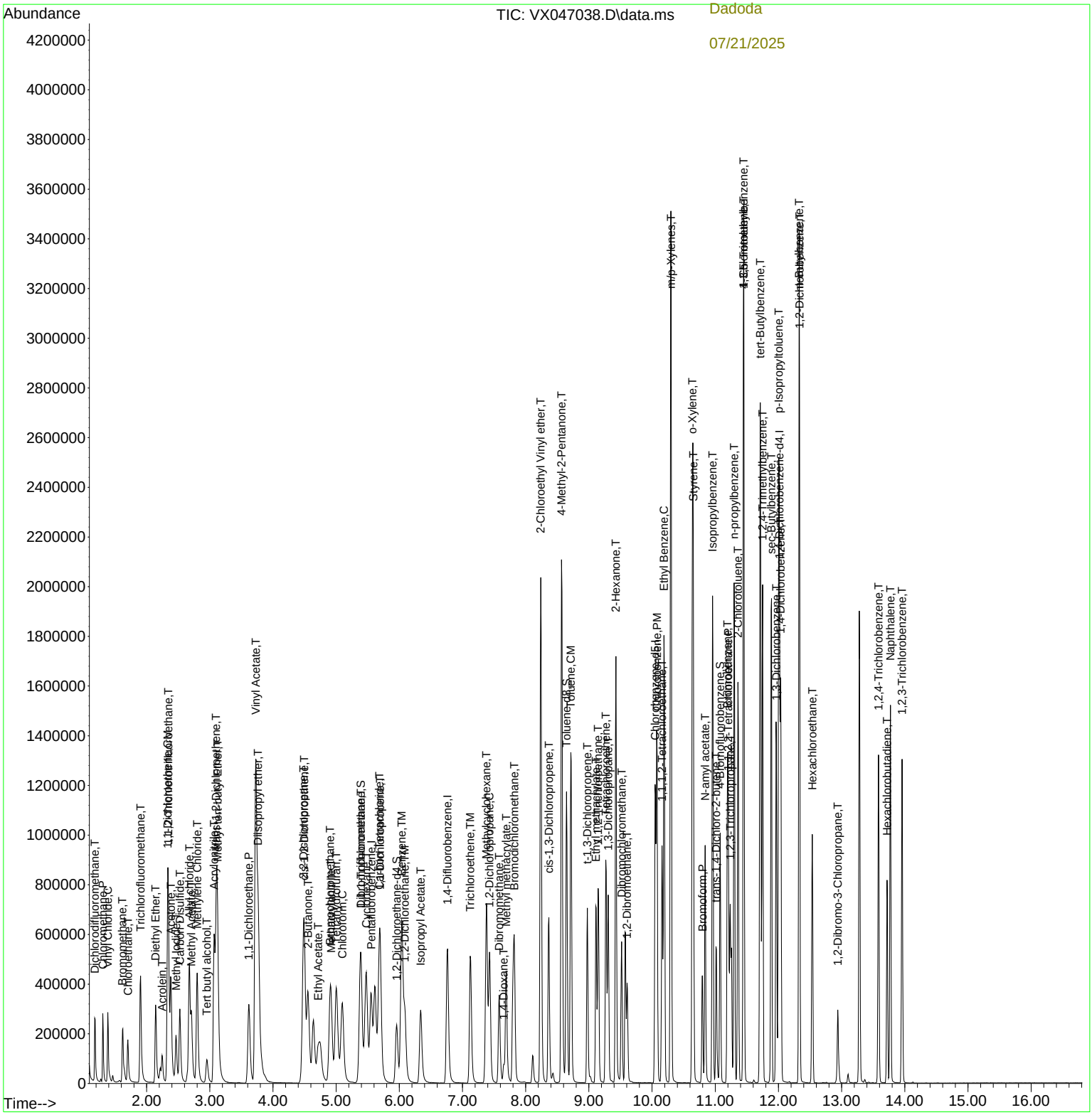
Manual Integrations APPROVED

Reviewed By :John Carlone

07/21/2025

Supervised By :Mahesh Dadoda

07/21/2025



Sample Results: **VX047038.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071825\
Data File : VX047038.D
Acq On : 18 Jul 2025 10:20
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Jul 19 04:18:55 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	98	0.00
2	T	Dichlorodifluoromethane	0.478	0.502	-5.0	101	0.00
3	P	Chloromethane	0.522	0.507	2.9	97	0.00
4	C	Vinyl Chloride	0.569	0.561	1.4#	100	0.00
5	T	Bromomethane	0.366	0.347	5.2	94	0.00
6	T	Chloroethane	0.376	0.365	2.9	103	0.00
7	T	Trichlorofluoromethane	0.880	0.945	-7.4	108	0.00
8	T	Diethyl Ether	0.313	0.349	-11.5	112	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.561	0.603	-7.5	107	0.00
10	T	Methyl Iodide	0.611	0.591	3.3	91	0.00
11	T	Tert butyl alcohol	0.043	0.066	-53.5#	153#	0.00
12	CM	1,1-Dichloroethene	0.542	0.553	-2.0#	103	0.00
13	T	Acrolein	0.052	0.048	7.7	103	0.00
14	T	Allyl chloride	0.965	1.068	-10.7	110	0.00
15	T	Acrylonitrile	0.250	0.301	-20.4	119	0.00
16	T	Acetone	0.205	0.254	-23.9	128	0.00
17	T	Carbon Disulfide	1.422	1.158	18.6	84	0.00
18	T	Methyl Acetate	0.541	0.908	-67.8#	160#	0.00
19	T	Methyl tert-butyl Ether	1.531	1.906	-24.5	122	0.00
20	T	Methylene Chloride	0.607	0.622	-2.5	104	0.00
21	T	trans-1,2-Dichloroethene	0.555	0.568	-2.3	102	0.00
22	T	Diisopropyl ether	1.865	2.162	-15.9	111	0.00
23	T	Vinyl Acetate	1.397	1.619	-15.9	111	0.00
24	P	1,1-Dichloroethane	1.064	1.147	-7.8	108	0.00
25	T	2-Butanone	0.274	0.358	-30.7#	127	0.00
26	T	2,2-Dichloropropane	0.792	0.942	-18.9	121	0.00
27	T	cis-1,2-Dichloroethene	0.677	0.718	-6.1	106	0.00
28	T	Bromochloromethane	0.525	0.519	1.1	96	0.00
29	T	Tetrahydrofuran	0.175	0.228	-30.3#	127	0.00
30	C	Chloroform	1.087	1.168	-7.5#	109	0.00
31	T	Cyclohexane	0.944	0.928	1.7	99	0.00
32	T	1,1,1-Trichloroethane	0.908	1.002	-10.4	110	0.00
33	S	1,2-Dichloroethane-d4	0.661	0.688	-4.1	104	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	99	0.00
35	S	Dibromofluoromethane	0.339	0.330	2.7	97	0.00
36	T	1,1-Dichloropropene	0.458	0.468	-2.2	106	0.00
37	T	Ethyl Acetate	0.390	0.455	-16.7	125	0.00
38	T	Carbon Tetrachloride	0.484	0.519	-7.2	108	0.00
39	T	Methylcyclohexane	0.573	0.576	-0.5	101	0.00
40	TM	Benzene	1.385	1.417	-2.3	104	-0.01
41	T	Methacrylonitrile	0.208	0.261	-25.5#	122	0.00
42	TM	1,2-Dichloroethane	0.470	0.509	-8.3	110	0.00
43	T	Isopropyl Acetate	0.597	0.764	-28.0#	123	0.00
44	TM	Trichloroethene	0.361	0.368	-1.9	106	0.00
45	C	1,2-Dichloropropane	0.350	0.371	-6.0#	107	0.00
46	T	Dibromomethane	0.242	0.259	-7.0	107	0.00
47	T	Bromodichloromethane	0.518	0.560	-8.1	109	0.00
48	T	Methyl methacrylate	0.308	0.403	-30.8#	124	0.00

Sample Results: **VX047038.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071825\
Data File : VX047038.D
Acq On : 18 Jul 2025 10:20
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Jul 19 04:18:55 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	0.005	-25.0	132	0.00
50	S	Toluene-d8	1.197	1.171	2.2	97	0.00
51	T	4-Methyl-2-Pentanone	0.353	0.456	-29.2#	124	0.00
52	CM	Toluene	0.858	0.895	-4.3#	106	0.00
53	T	t-1,3-Dichloropropene	0.462	0.551	-19.3	116	0.00
54	T	cis-1,3-Dichloropropene	0.527	0.597	-13.3	111	0.00
55	T	1,1,2-Trichloroethane	0.320	0.347	-8.4	108	0.00
56	T	Ethyl methacrylate	0.442	0.550	-24.4	119	0.00
57	T	1,3-Dichloropropane	0.550	0.597	-8.5	110	0.00
58	T	2-Chloroethyl Vinyl ether	0.249	0.277	-11.2	103	0.00
59	T	2-Hexanone	0.234	0.315	-34.6#	127	0.00
60	T	Dibromochloromethane	0.383	0.409	-6.8	108	0.00
61	T	1,2-Dibromoethane	0.321	0.351	-9.3	109	0.00
62	S	4-Bromofluorobenzene	0.455	0.449	1.3	98	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	96	0.00
64	T	Tetrachloroethene	0.333	0.337	-1.2	103	0.00
65	PM	Chlorobenzene	1.081	1.155	-6.8	106	0.00
66	T	1,1,1,2-Tetrachloroethane	0.363	0.405	-11.6	108	0.00
67	C	Ethyl Benzene	1.851	2.039	-10.2#	107	0.00
68	T	m/p-Xylenes	0.698	0.755	-8.2	105	0.00
69	T	o-Xylene	0.674	0.736	-9.2	106	0.00
70	T	Styrene	1.153	1.276	-10.7	104	0.00
71	P	Bromoform	0.270	0.307	-13.7	109	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	92	0.00
73	T	Isopropylbenzene	3.515	4.127	-17.4	106	0.00
74	T	N-amyl acetate	1.194	1.653	-38.4#	120	0.00
75	P	1,1,2,2-Tetrachloroethane	0.966	1.177	-21.8	113	0.00
76	T	1,2,3-Trichloropropane	0.773	0.974	-26.0#	114	0.00
77	T	Bromobenzene	0.875	0.986	-12.7	104	0.00
78	T	n-propylbenzene	4.238	4.897	-15.5	105	0.00
79	T	2-Chlorotoluene	2.503	2.883	-15.2	107	0.00
80	T	1,3,5-Trimethylbenzene	2.856	3.352	-17.4	106	0.00
81	T	trans-1,4-Dichloro-2-butene	0.288	0.385	-33.7#	122	0.00
82	T	4-Chlorotoluene	2.888	3.400	-17.7	108	0.00
83	T	tert-Butylbenzene	2.950	3.450	-16.9	106	0.00
84	T	1,2,4-Trimethylbenzene	2.887	3.397	-17.7	106	0.00
85	T	sec-Butylbenzene	3.719	4.313	-16.0	105	0.00
86	T	p-Isopropyltoluene	3.114	3.629	-16.5	106	0.00
87	T	1,3-Dichlorobenzene	1.637	1.850	-13.0	105	0.00
88	T	1,4-Dichlorobenzene	1.704	1.848	-8.5	105	0.00
89	T	n-Butylbenzene	2.926	3.403	-16.3	105	0.00
90	T	Hexachloroethane	0.552	0.646	-17.0	108	0.00
91	T	1,2-Dichlorobenzene	1.587	1.750	-10.3	103	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.169	0.232	-37.3#	126	0.00
93	T	1,2,4-Trichlorobenzene	1.078	1.228	-13.9	104	0.00
94	T	Hexachlorobutadiene	0.407	0.429	-5.4	97	0.00
95	T	Naphthalene	2.840	3.664	-29.0#	112	0.00

Sample Results: **VX047038.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071825\
Data File : VX047038.D
Acq On : 18 Jul 2025 10:20
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Jul 19 04:18:55 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	1.161	-13.9	103	0.00

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

Sample Results: **VX047038.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071825\
Data File : VX047038.D
Acq On : 18 Jul 2025 10:20
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Jul 19 04:18:55 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	98	0.00
2	T	Dichlorodifluoromethane	50.000	52.444	-4.9	101	0.00
3	P	Chloromethane	50.000	48.481	3.0	97	0.00
4	C	Vinyl Chloride	50.000	49.304	1.4#	100	0.00
5	T	Bromomethane	50.000	47.527	4.9	94	0.00
6	T	Chloroethane	50.000	48.577	2.8	103	0.00
7	T	Trichlorofluoromethane	50.000	53.710	-7.4	108	0.00
8	T	Diethyl Ether	50.000	55.695	-11.4	112	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	53.742	-7.5	107	0.00
10	T	Methyl Iodide	50.000	48.393	3.2	91	0.00
11	T	Tert butyl alcohol	250.000	382.223	-52.9#	153	0.00
12	CM	1,1-Dichloroethene	50.000	51.015	-2.0#	103	0.00
13	T	Acrolein	250.000	252.018	-0.8	103	0.00
14	T	Allyl chloride	50.000	55.308	-10.6	110	0.00
15	T	Acrylonitrile	250.000	300.773	-20.3	119	0.00
16	T	Acetone	250.000	310.088	-24.0	128	0.00
17	T	Carbon Disulfide	50.000	40.730	18.5	84	0.00
18	T	Methyl Acetate	50.000	83.939	-67.9#	160	0.00
19	T	Methyl tert-butyl Ether	50.000	62.249	-24.5	122	0.00
20	T	Methylene Chloride	50.000	51.238	-2.5	104	0.00
21	T	trans-1,2-Dichloroethene	50.000	51.154	-2.3	102	0.00
22	T	Diisopropyl ether	50.000	57.972	-15.9	111	0.00
23	T	Vinyl Acetate	250.000	289.628	-15.9	111	0.00
24	P	1,1-Dichloroethane	50.000	53.920	-7.8	108	0.00
25	T	2-Butanone	250.000	326.499	-30.6#	127	0.00
26	T	2,2-Dichloropropane	50.000	59.474	-18.9	121	0.00
27	T	cis-1,2-Dichloroethene	50.000	52.980	-6.0	106	0.00
28	T	Bromochloromethane	50.000	49.407	1.2	96	0.00
29	T	Tetrahydrofuran	250.000	326.933	-30.8#	127	0.00
30	C	Chloroform	50.000	53.730	-7.5#	109	0.00
31	T	Cyclohexane	50.000	49.152	1.7	99	0.00
32	T	1,1,1-Trichloroethane	50.000	55.214	-10.4	110	0.00
33	S	1,2-Dichloroethane-d4	50.000	52.104	-4.2	104	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	99	0.00
35	S	Dibromofluoromethane	50.000	48.682	2.6	97	0.00
36	T	1,1-Dichloropropene	50.000	51.101	-2.2	106	0.00
37	T	Ethyl Acetate	50.000	58.280	-16.6	125	0.00
38	T	Carbon Tetrachloride	50.000	53.613	-7.2	108	0.00
39	T	Methylcyclohexane	50.000	50.235	-0.5	101	0.00
40	TM	Benzene	50.000	51.145	-2.3	104	-0.01
41	T	Methacrylonitrile	50.000	62.741	-25.5#	122	0.00
42	TM	1,2-Dichloroethane	50.000	54.078	-8.2	110	0.00
43	T	Isopropyl Acetate	50.000	63.954	-27.9#	123	0.00
44	TM	Trichloroethene	50.000	51.072	-2.1	106	0.00
45	C	1,2-Dichloropropane	50.000	53.015	-6.0#	107	0.00
46	T	Dibromomethane	50.000	53.323	-6.6	107	0.00
47	T	Bromodichloromethane	50.000	54.094	-8.2	109	0.00
48	T	Methyl methacrylate	50.000	65.290	-30.6#	124	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071825\
Data File : VX047038.D
Acq On : 18 Jul 2025 10:20
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Jul 19 04:18:55 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	1347.013	-34.7#	132	0.00
50	S	Toluene-d8	50.000	48.891	2.2	97	0.00
51	T	4-Methyl-2-Pentanone	250.000	323.536	-29.4#	124	0.00
52	CM	Toluene	50.000	52.122	-4.2#	106	0.00
53	T	t-1,3-Dichloropropene	50.000	59.603	-19.2	116	0.00
54	T	cis-1,3-Dichloropropene	50.000	56.628	-13.3	111	0.00
55	T	1,1,2-Trichloroethane	50.000	54.320	-8.6	108	0.00
56	T	Ethyl methacrylate	50.000	62.178	-24.4	119	0.00
57	T	1,3-Dichloropropane	50.000	54.236	-8.5	110	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	277.426	-11.0	103	0.00
59	T	2-Hexanone	250.000	337.206	-34.9#	127	0.00
60	T	Dibromochloromethane	50.000	53.406	-6.8	108	0.00
61	T	1,2-Dibromoethane	50.000	54.626	-9.3	109	0.00
62	S	4-Bromofluorobenzene	50.000	49.334	1.3	98	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	96	0.00
64	T	Tetrachloroethene	50.000	50.656	-1.3	103	0.00
65	PM	Chlorobenzene	50.000	53.436	-6.9	106	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	55.784	-11.6	108	0.00
67	C	Ethyl Benzene	50.000	55.076	-10.2#	107	0.00
68	T	m/p-Xylenes	100.000	108.232	-8.2	105	0.00
69	T	o-Xylene	50.000	54.613	-9.2	106	0.00
70	T	Styrene	50.000	55.343	-10.7	104	0.00
71	P	Bromoform	50.000	56.862	-13.7	109	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	92	0.00
73	T	Isopropylbenzene	50.000	58.709	-17.4	106	0.00
74	T	N-amyl acetate	50.000	69.214	-38.4#	120	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	60.884	-21.8	113	0.00
76	T	1,2,3-Trichloropropane	50.000	63.058	-26.1#	114	0.00
77	T	Bromobenzene	50.000	56.292	-12.6	104	0.00
78	T	n-propylbenzene	50.000	57.776	-15.6	105	0.00
79	T	2-Chlorotoluene	50.000	57.609	-15.2	107	0.00
80	T	1,3,5-Trimethylbenzene	50.000	58.688	-17.4	106	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	66.825	-33.7#	122	0.00
82	T	4-Chlorotoluene	50.000	58.865	-17.7	108	0.00
83	T	tert-Butylbenzene	50.000	58.473	-16.9	106	0.00
84	T	1,2,4-Trimethylbenzene	50.000	58.834	-17.7	106	0.00
85	T	sec-Butylbenzene	50.000	57.979	-16.0	105	0.00
86	T	p-Isopropyltoluene	50.000	58.255	-16.5	106	0.00
87	T	1,3-Dichlorobenzene	50.000	56.486	-13.0	105	0.00
88	T	1,4-Dichlorobenzene	50.000	54.229	-8.5	105	0.00
89	T	n-Butylbenzene	50.000	58.139	-16.3	105	0.00
90	T	Hexachloroethane	50.000	58.497	-17.0	108	0.00
91	T	1,2-Dichlorobenzene	50.000	55.139	-10.3	103	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	68.653	-37.3#	126	0.00
93	T	1,2,4-Trichlorobenzene	50.000	56.945	-13.9	104	0.00
94	T	Hexachlorobutadiene	50.000	52.741	-5.5	97	0.00
95	T	Naphthalene	50.000	64.490	-29.0#	112	0.00

Sample Results: **VX047038.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071825\
Data File : VX047038.D
Acq On : 18 Jul 2025 10:20
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Jul 19 04:18:55 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	56.984	-14.0	103	0.00

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

QC SAMPLE DATA

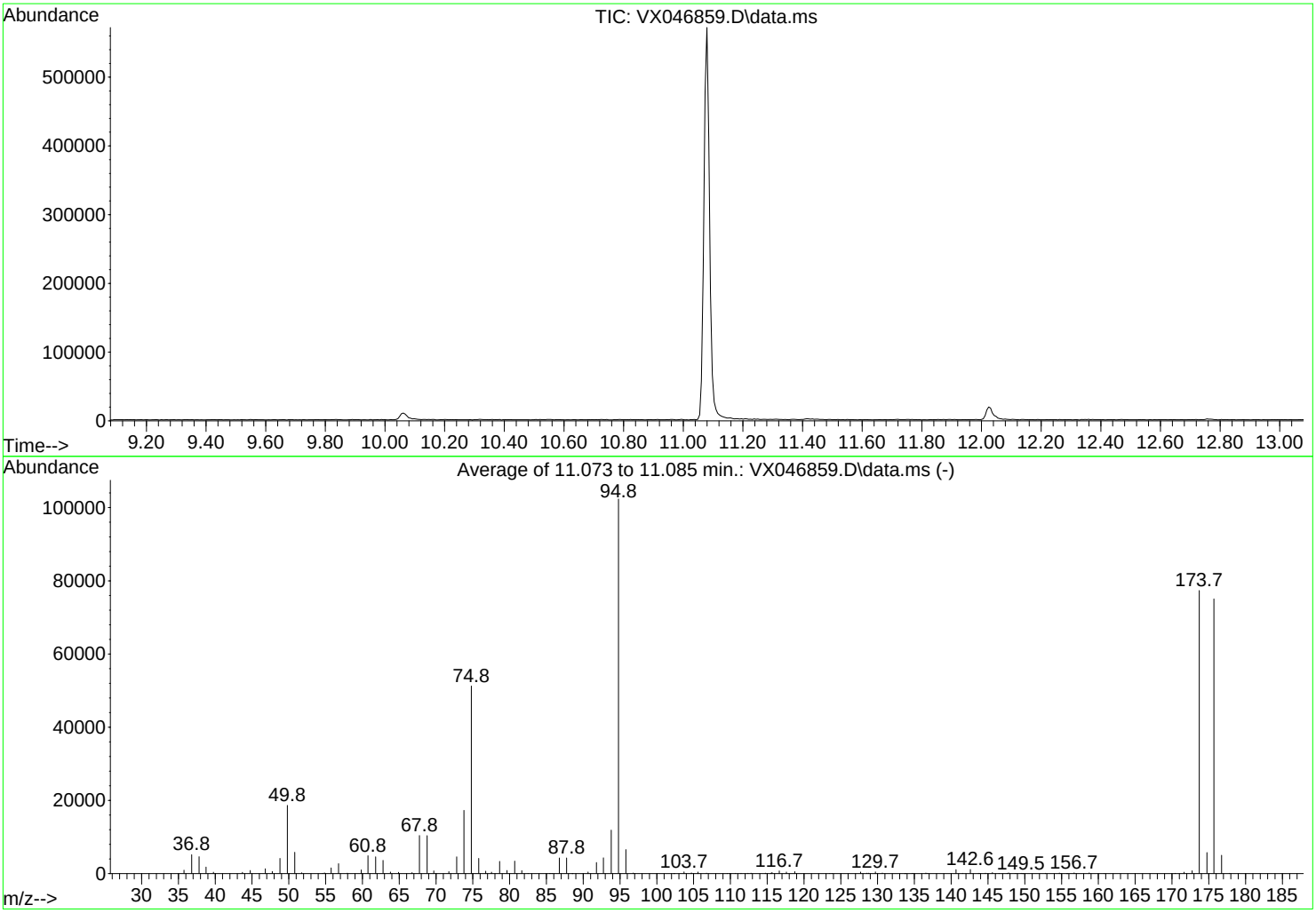
Sample Results: **VX046859.D**

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

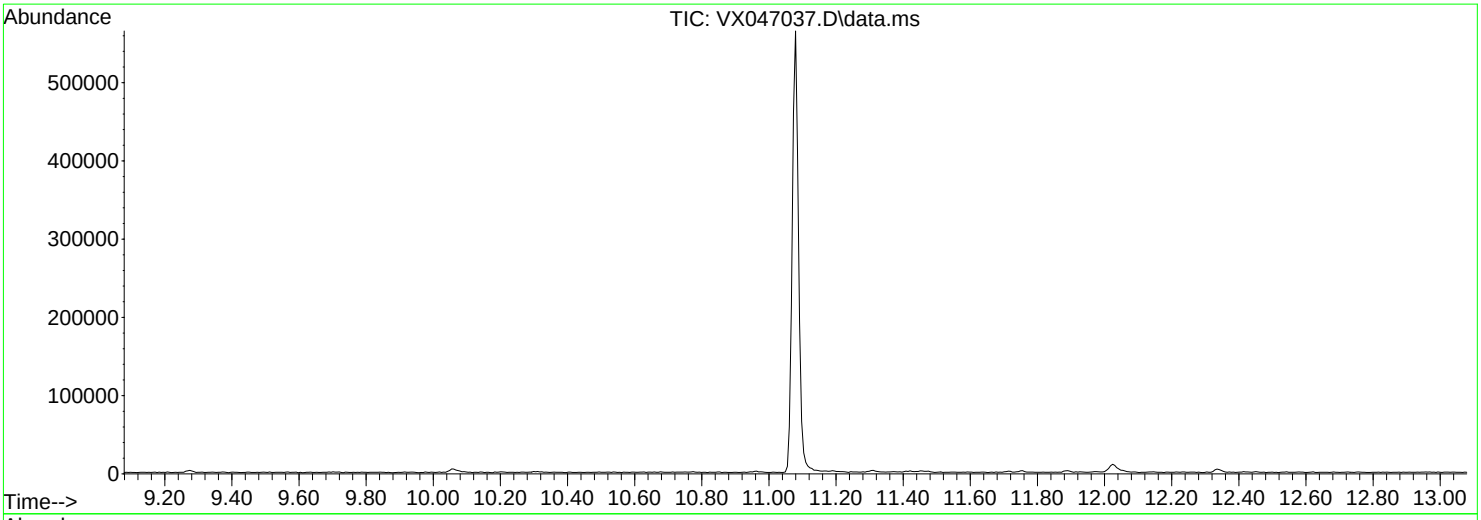
Sample Results: **VX047037.D**

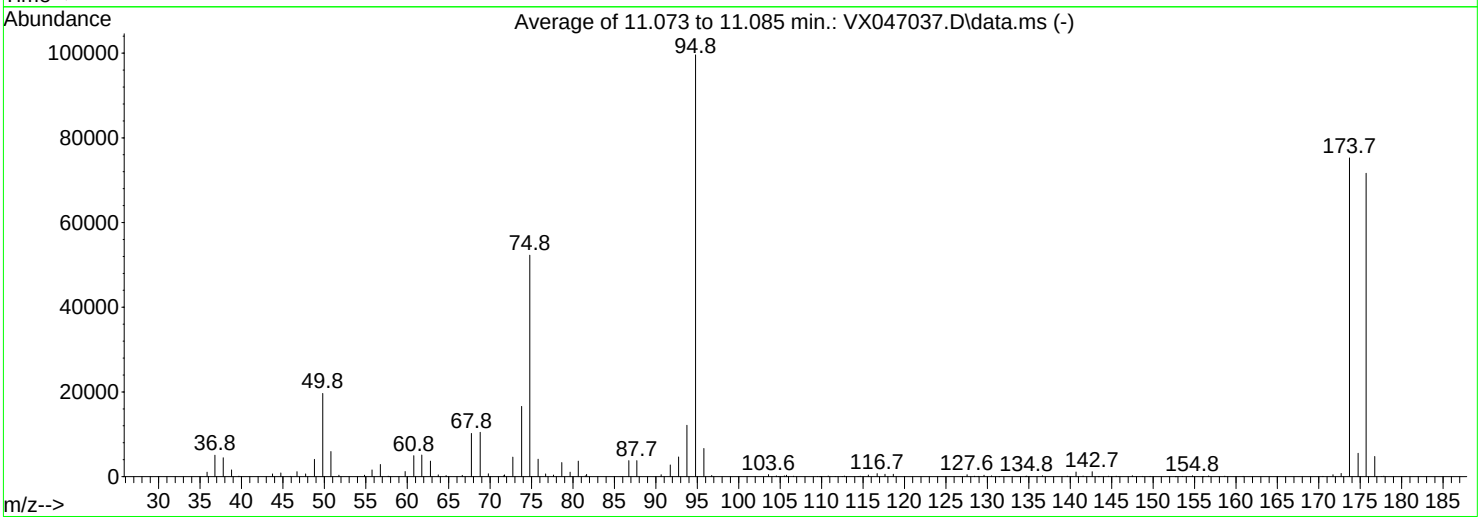
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071825\
Data File : VX047037.D
Acq On : 18 Jul 2025 07:32
Operator : JC/MD
Sample : BFB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

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	19.7	19659	PASS
75	95	30	60	52.5	52288	PASS
95	95	100	100	100.0	99603	PASS
96	95	5	9	6.7	6656	PASS
173	174	0.00	2	1.0	755	PASS
174	95	50	100	75.6	75264	PASS
175	174	5	9	7.3	5520	PASS
176	174	95	101	95.2	71645	PASS
177	176	5	9	6.7	4765	PASS

Raw Data: **VX047040.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	
Project:	Weekly Storage Blanks	Date Received:	
Client Sample ID:	VX0718WBL01	SDG No.:	Q2637
Lab Sample ID:	VX0718WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047040.D	1	07/18/25 11:19	VX071825

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
141-78-6	Ethyl Acetate	0.31	U	0.31	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
107-02-8	Acrolein	7.10	U	7.10	25.0	ug/L
107-13-1	Acrylonitrile	0.83	U	0.83	5.00	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
108-05-4	Vinyl Acetate	0.66	U	0.66	5.00	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
594-20-7	2,2-Dichloropropane	0.21	U	0.21	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
563-58-6	1,1-Dichloropropene	0.15	U	0.15	1.00	ug/L

Raw Data: **VX047040.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	
Project:	Weekly Storage Blanks	Date Received:	
Client Sample ID:	VX0718WBL01	SDG No.:	Q2637
Lab Sample ID:	VX0718WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047040.D	1	07/18/25 11:19	VX071825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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
74-95-3	Dibromomethane	0.25	U	0.25	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
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
142-28-9	1,3-Dichloropropane	0.19	U	0.19	1.00	ug/L
110-75-8	2-Chloroethyl Vinyl ether	0.30	U	0.30	5.00	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
630-20-6	1,1,1,2-Tetrachloroethane	0.19	U	0.19	1.00	ug/L
67-72-1	Hexachloroethane	0.32	U	0.32	0	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
96-18-4	1,2,3-Trichloropropane	0.35	U	0.35	1.00	ug/L
108-86-1	Bromobenzene	0.24	U	0.24	1.00	ug/L
103-65-1	n-propylbenzene	0.13	U	0.13	1.00	ug/L
95-49-8	2-Chlorotoluene	0.14	U	0.14	1.00	ug/L

Raw Data: **VX047040.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	
Project:	Weekly Storage Blanks	Date Received:	
Client Sample ID:	VX0718WBL01	SDG No.:	Q2637
Lab Sample ID:	VX0718WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047040.D	1	07/18/25 11:19	VX071825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-67-8	1,3,5-Trimethylbenzene	0.15	U	0.15	1.00	ug/L
106-43-4	4-Chlorotoluene	0.13	U	0.13	1.00	ug/L
98-06-6	tert-Butylbenzene	0.14	U	0.14	1.00	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.14	U	0.14	1.00	ug/L
135-98-8	sec-Butylbenzene	0.13	U	0.13	1.00	ug/L
99-87-6	p-Isopropyltoluene	0.13	U	0.13	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
104-51-8	n-Butylbenzene	0.15	U	0.15	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
87-68-3	Hexachlorobutadiene	0.30	U	0.30	1.00	ug/L
91-20-3	Naphthalene	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	53.5		74 - 125	107%	SPK: 50
1868-53-7	Dibromofluoromethane	49.3		75 - 124	99%	SPK: 50
2037-26-5	Toluene-d8	50.3		86 - 113	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.5		77 - 121	107%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	437000	5.562			
540-36-3	1,4-Difluorobenzene	776000	6.769			
3114-55-4	Chlorobenzene-d5	742000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	355000	12.018			

Raw Data: **VX047040.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	
Project:	Weekly Storage Blanks	Date Received:	
Client Sample ID:	VX0718WBL01	SDG No.:	Q2637
Lab Sample ID:	VX0718WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047040.D	1	07/18/25 11:19	VX071825

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\VX071825\
Data File : VX047040.D
Acq On : 18 Jul 2025 11:19
Operator : JC/MD
Sample : VX0718WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0718WBL01

Quant Time: Jul 19 04:20:31 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

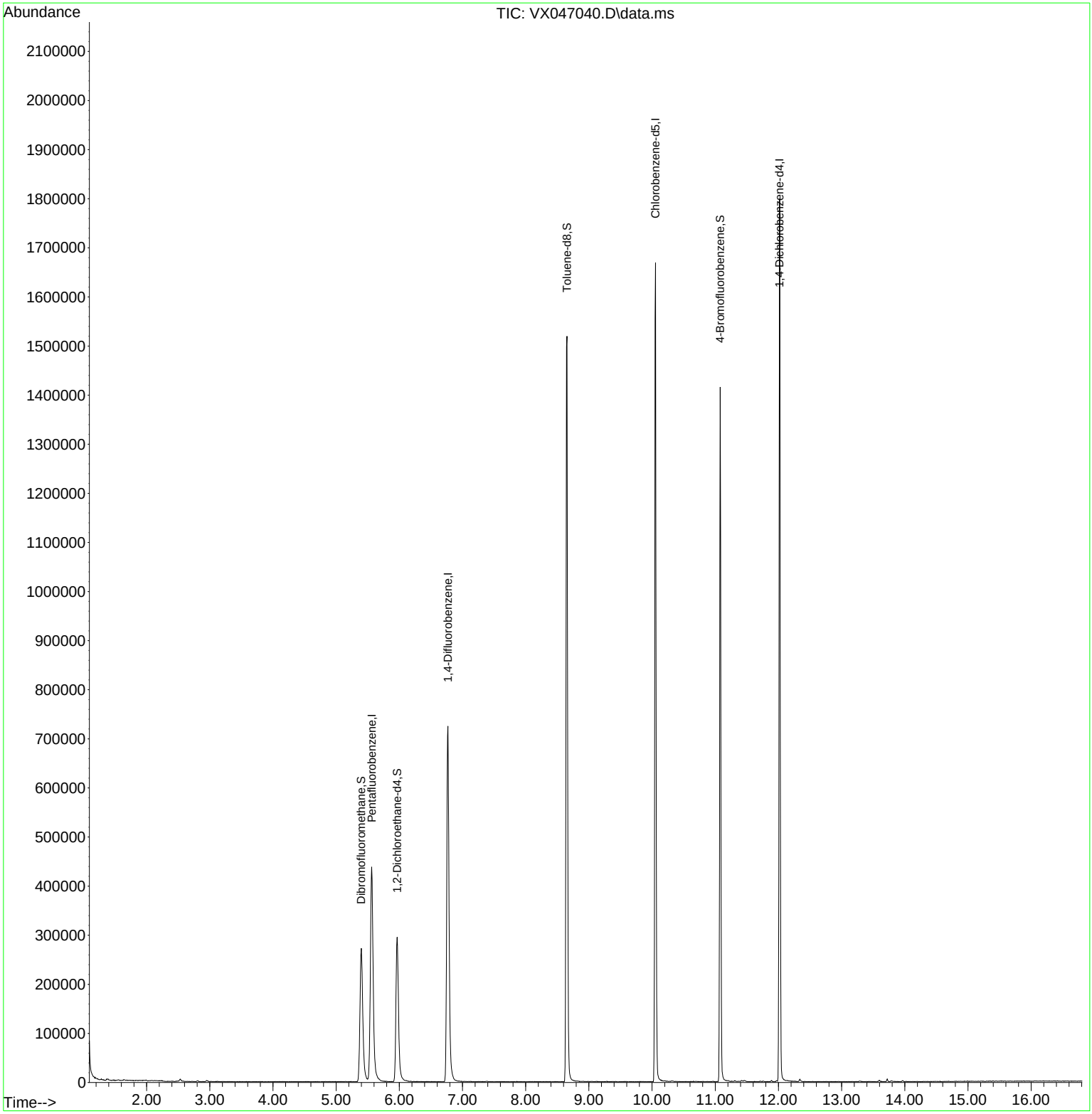
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	437418	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	776340	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	741516	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	354639	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	308954	53.464	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.920%			
35) Dibromofluoromethane	5.397	113	259964	49.331	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.660%			
50) Toluene-d8	8.653	98	936119	50.348	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.700%			
62) 4-Bromofluorobenzene	11.079	95	378379	53.546	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.100%			
Target Compounds						Qvalue

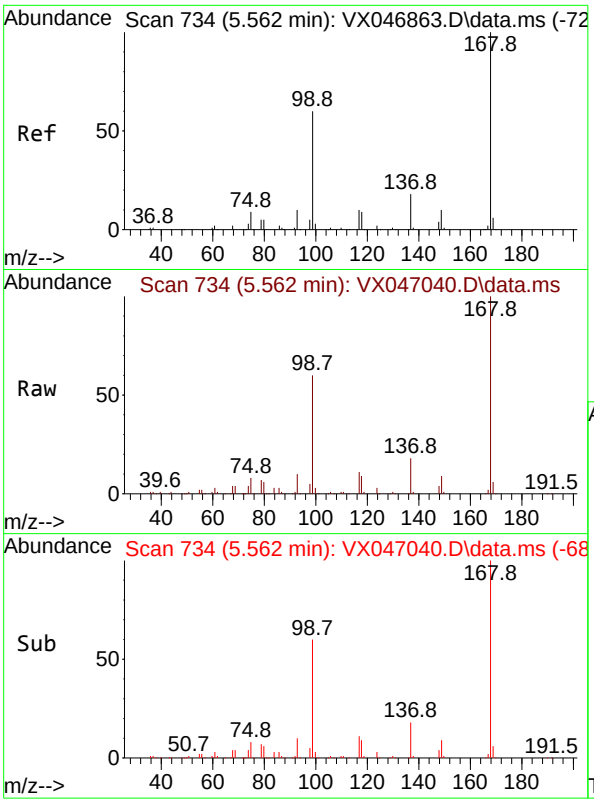
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071825\
Data File : VX047040.D
Acq On : 18 Jul 2025 11:19
Operator : JC/MD
Sample : VX0718WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0718WBL01

Quant Time: Jul 19 04:20:31 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



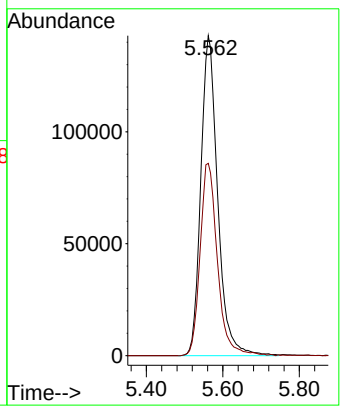


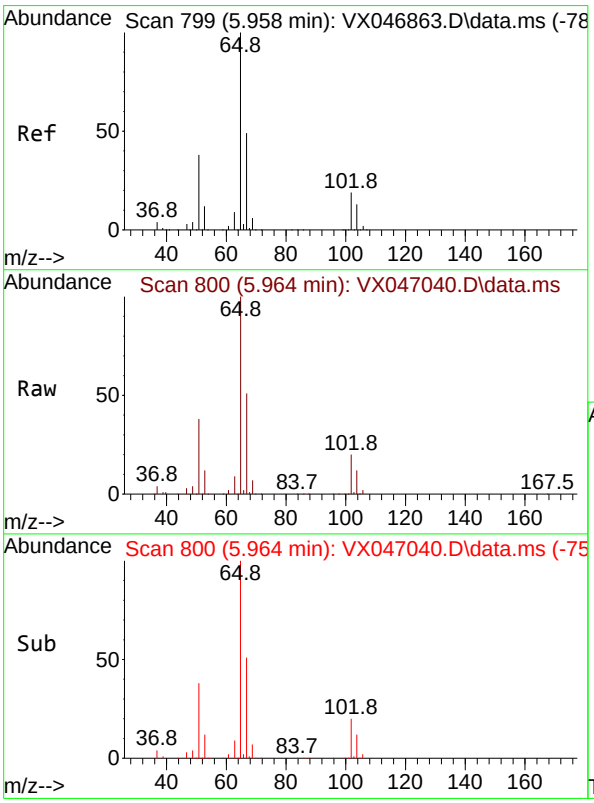
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047040.D
Acq: 18 Jul 2025 11:19

Instrument :
MSVOA_X
ClientSampleId :
VX0718WBL01

Tgt Ion:168 Resp: 437418

Ion	Ratio	Lower	Upper
168	100		
99	60.1	48.8	73.2

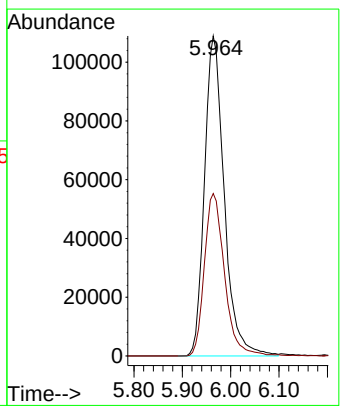


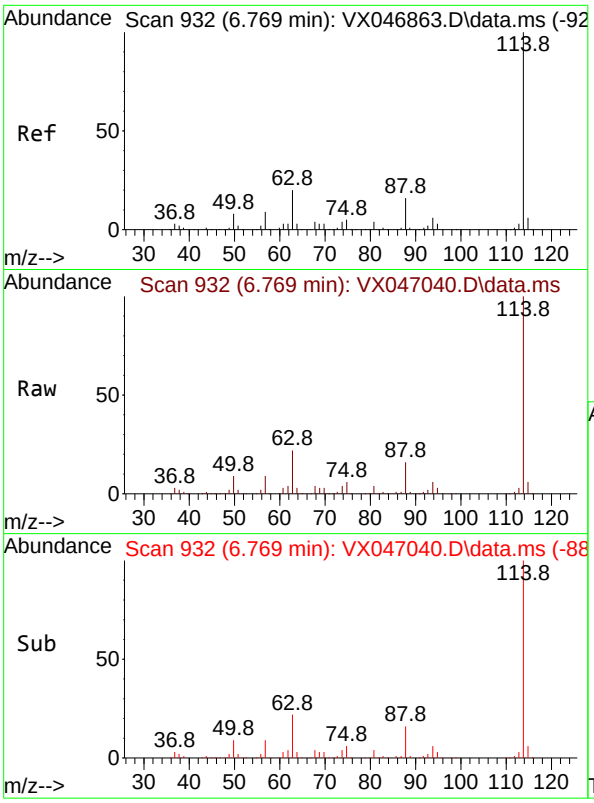


#33
1,2-Dichloroethane-d4
Concen: 53.464 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX047040.D
Acq: 18 Jul 2025 11:19

Tgt Ion: 65 Resp: 308954

Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	105.2



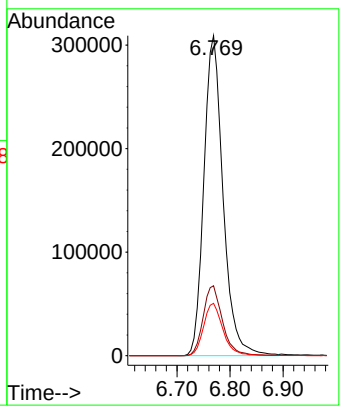


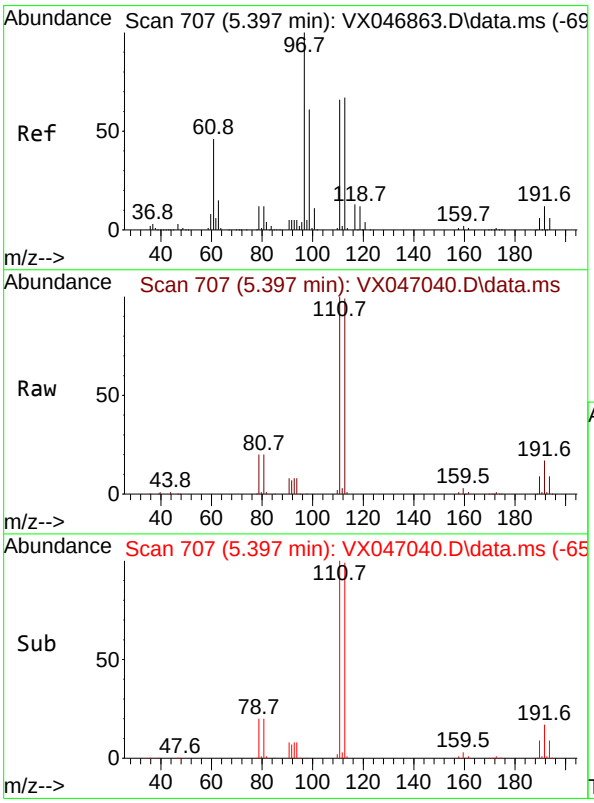
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX047040.D
Acq: 18 Jul 2025 11:19

Instrument :
MSVOA_X
ClientSampleId :
VX0718WBL01

Tgt Ion:114 Resp: 776340

Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	40.4
88	16.4	0.0	31.0

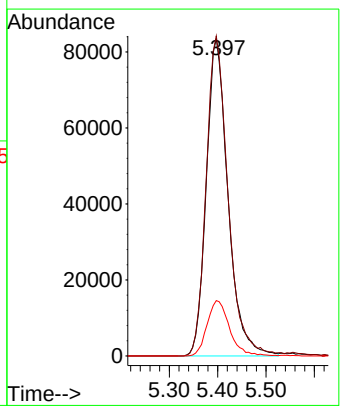


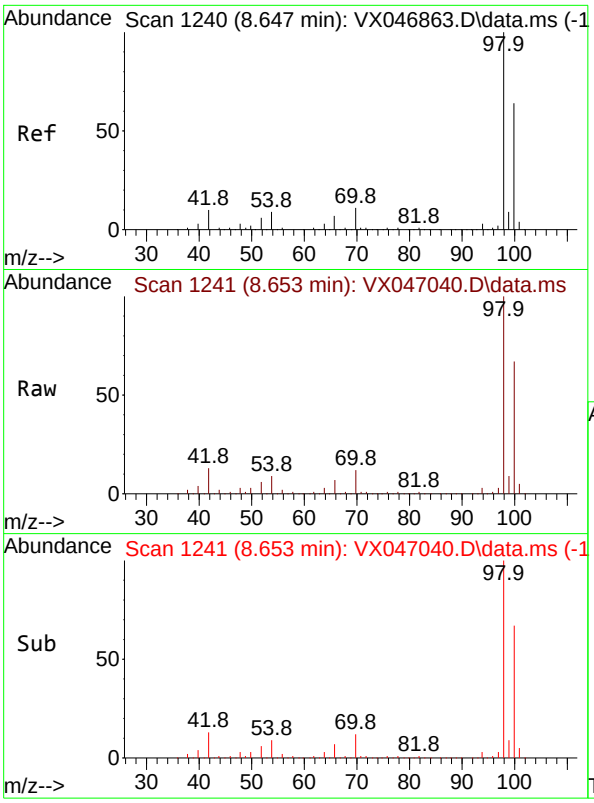


#35
Dibromofluoromethane
Concen: 49.331 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX047040.D
Acq: 18 Jul 2025 11:19

Tgt Ion:113 Resp: 259964

Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.2	121.8
192	18.1	15.3	22.9



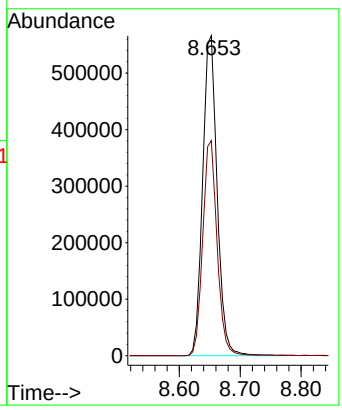


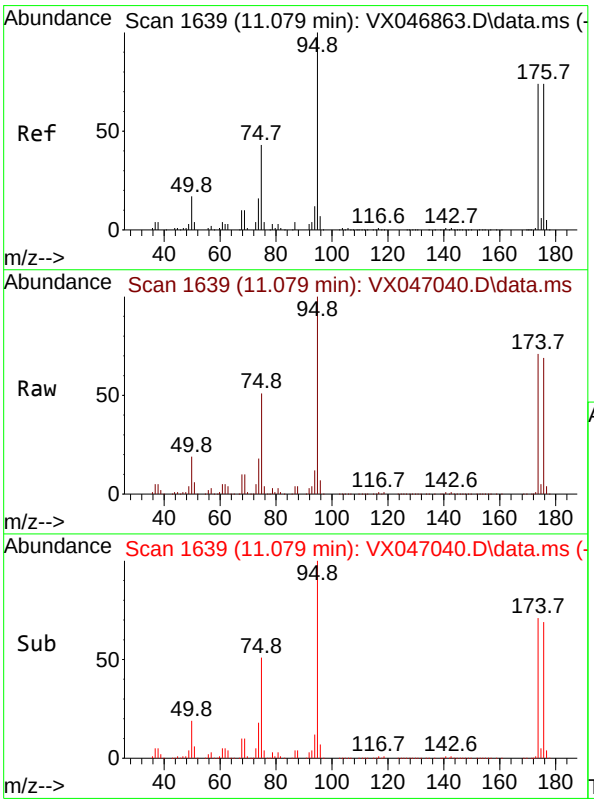
#50
Toluene-d8
Concen: 50.348 ug/l
RT: 8.653 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047040.D
Acq: 18 Jul 2025 11:19

Instrument :
MSVOA_X
ClientSampleId :
VX0718WBL01

Tgt Ion: 98 Resp: 936119

Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.0	79.6

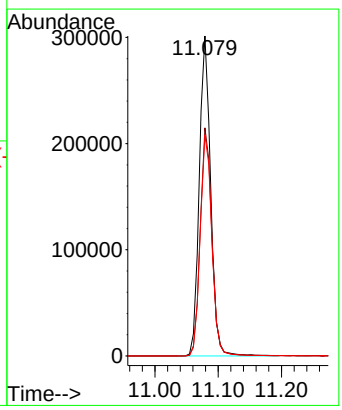


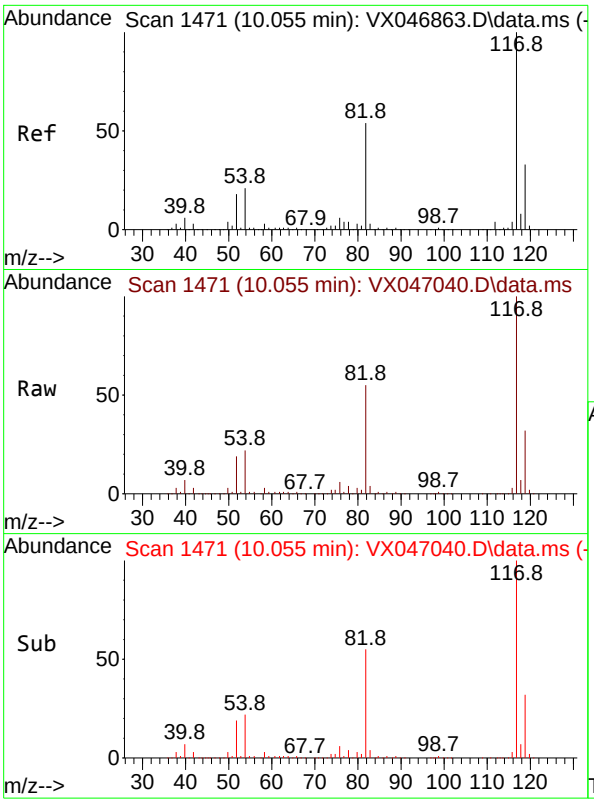


#62
4-Bromofluorobenzene
Concen: 53.546 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX047040.D
Acq: 18 Jul 2025 11:19

Tgt Ion: 95 Resp: 378379

Ion	Ratio	Lower	Upper
95	100		
174	72.8	0.0	152.0
176	70.7	0.0	145.2



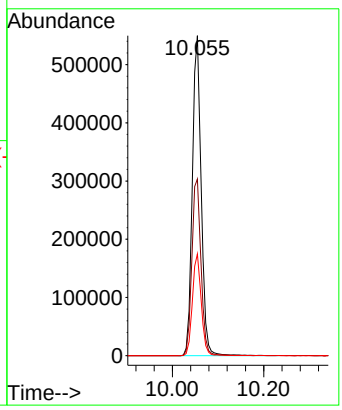


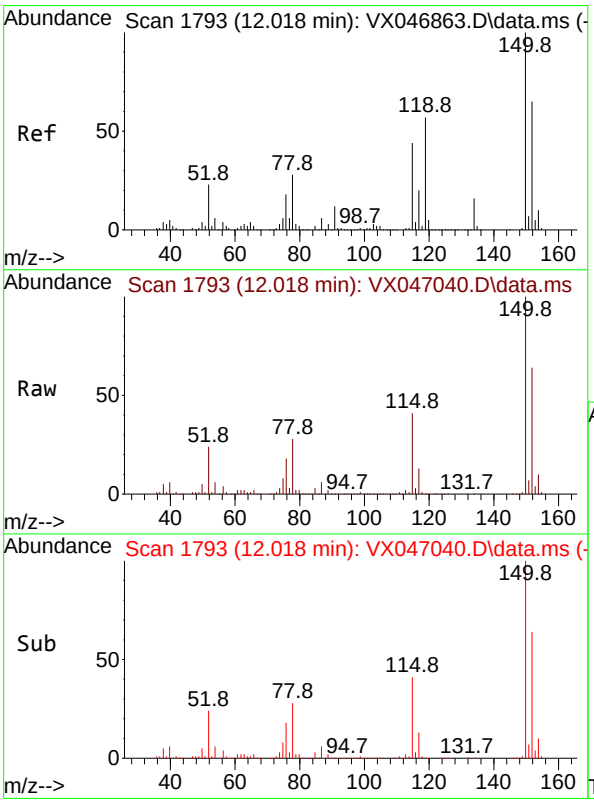
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047040.D
Acq: 18 Jul 2025 11:19

Instrument :
MSVOA_X
ClientSampleId :
VX0718WBL01

Tgt Ion:117 Resp: 741516

Ion	Ratio	Lower	Upper
117	100		
82	55.2	43.3	64.9
119	31.8	26.4	39.6

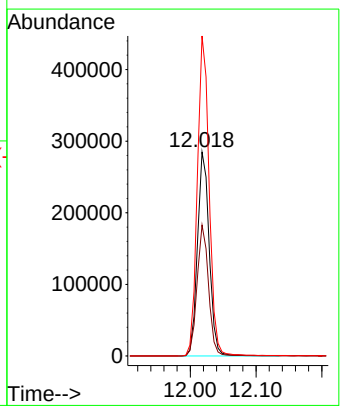




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX047040.D
Acq: 18 Jul 2025 11:19

Tgt Ion:152 Resp: 354639

Ion	Ratio	Lower	Upper
152	100		
115	62.7	42.4	127.1
150	157.2	0.0	349.2



Raw Data: **VX047041.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	
Project:	Weekly Storage Blanks	Date Received:	
Client Sample ID:	VX0718WBS01	SDG No.:	Q2637
Lab Sample ID:	VX0718WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047041.D	1	07/18/25 11:43	VX071825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	18.5		0.22	1.00	ug/L
74-87-3	Chloromethane	16.8		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	17.4		0.26	1.00	ug/L
141-78-6	Ethyl Acetate	21.3		0.31	1.00	ug/L
74-83-9	Bromomethane	16.6		1.40	5.00	ug/L
75-00-3	Chloroethane	17.7		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	19.2		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	19.3		0.25	1.00	ug/L
75-65-0	Tert butyl alcohol	150		5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	18.3		0.23	1.00	ug/L
107-02-8	Acrolein	28.6		7.10	25.0	ug/L
107-13-1	Acrylonitrile	110		0.83	5.00	ug/L
67-64-1	Acetone	110		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	14.3		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	22.4		0.16	1.00	ug/L
79-20-9	Methyl Acetate	31.5		0.27	1.00	ug/L
75-09-2	Methylene Chloride	19.6		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	18.5		0.23	1.00	ug/L
108-05-4	Vinyl Acetate	110		0.66	5.00	ug/L
75-34-3	1,1-Dichloroethane	19.8		0.23	1.00	ug/L
110-82-7	Cyclohexane	18.7		1.50	5.00	ug/L
78-93-3	2-Butanone	130		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	19.1		0.25	1.00	ug/L
594-20-7	2,2-Dichloropropane	20.8		0.21	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	19.5		0.19	1.00	ug/L
74-97-5	Bromochloromethane	21.2		0.22	1.00	ug/L
67-66-3	Chloroform	20.2		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	20.3		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	18.6		0.16	1.00	ug/L
563-58-6	1,1-Dichloropropene	19.3		0.15	1.00	ug/L

Raw Data: **VX047041.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	
Project:	Weekly Storage Blanks	Date Received:	
Client Sample ID:	VX0718WBS01	SDG No.:	Q2637
Lab Sample ID:	VX0718WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047041.D	1	07/18/25 11:43	VX071825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
71-43-2	Benzene	19.5		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	21.1		0.22	1.00	ug/L
79-01-6	Trichloroethene	18.7		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	19.9		0.20	1.00	ug/L
74-95-3	Dibromomethane	20.5		0.25	1.00	ug/L
75-27-4	Bromodichloromethane	20.0		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	120		0.68	5.00	ug/L
108-88-3	Toluene	19.6		0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	21.1		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	20.6		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	21.1		0.21	1.00	ug/L
142-28-9	1,3-Dichloropropane	20.8		0.19	1.00	ug/L
110-75-8	2-Chloroethyl Vinyl ether	100		0.30	5.00	ug/L
591-78-6	2-Hexanone	130		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	19.8		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	21.4		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	19.4		0.23	1.00	ug/L
108-90-7	Chlorobenzene	19.9		0.12	1.00	ug/L
630-20-6	1,1,1,2-Tetrachloroethane	20.2		0.19	1.00	ug/L
67-72-1	Hexachloroethane	20.2		0.32	0	ug/L
100-41-4	Ethyl Benzene	20.3		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	40.7		0.24	2.00	ug/L
95-47-6	o-Xylene	20.2		0.12	1.00	ug/L
100-42-5	Styrene	20.8		0.15	1.00	ug/L
75-25-2	Bromoform	20.6		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	21.1		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	22.4		0.26	1.00	ug/L
96-18-4	1,2,3-Trichloropropane	22.9		0.35	1.00	ug/L
108-86-1	Bromobenzene	19.8		0.24	1.00	ug/L
103-65-1	n-propylbenzene	20.8		0.13	1.00	ug/L
95-49-8	2-Chlorotoluene	21.2		0.14	1.00	ug/L

Raw Data: **VX047041.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	
Project:	Weekly Storage Blanks	Date Received:	
Client Sample ID:	VX0718WBS01	SDG No.:	Q2637
Lab Sample ID:	VX0718WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047041.D	1	07/18/25 11:43	VX071825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-67-8	1,3,5-Trimethylbenzene	21.6		0.15	1.00	ug/L
106-43-4	4-Chlorotoluene	21.5		0.13	1.00	ug/L
98-06-6	tert-Butylbenzene	21.1		0.14	1.00	ug/L
95-63-6	1,2,4-Trimethylbenzene	21.6		0.14	1.00	ug/L
135-98-8	sec-Butylbenzene	21.1		0.13	1.00	ug/L
99-87-6	p-Isopropyltoluene	20.9		0.13	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	20.6		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	20.0		0.19	1.00	ug/L
104-51-8	n-Butylbenzene	20.8		0.15	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	20.4		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	25.0		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	20.4		0.20	1.00	ug/L
87-68-3	Hexachlorobutadiene	20.0		0.30	1.00	ug/L
91-20-3	Naphthalene	22.9		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	20.5		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.7		74 - 125	107%	SPK: 50
1868-53-7	Dibromofluoromethane	50.5		75 - 124	101%	SPK: 50
2037-26-5	Toluene-d8	51.1		86 - 113	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.6		77 - 121	105%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	380000	5.562			
540-36-3	1,4-Difluorobenzene	628000	6.763			
3114-55-4	Chlorobenzene-d5	557000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	277000	12.018			

Raw Data: **VX047041.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	
Project:	Weekly Storage Blanks	Date Received:	
Client Sample ID:	VX0718WBS01	SDG No.:	Q2637
Lab Sample ID:	VX0718WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047041.D	1	07/18/25 11:43	VX071825

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: **VX047041.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071825\
Data File : VX047041.D
Acq On : 18 Jul 2025 11:43
Operator : JC/MD
Sample : VX0718WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 19 04:20:53 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 :
VX0718WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	379800	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	627890	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	557303	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	276517	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	269380	53.688	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.380%			
35) Dibromofluoromethane	5.397	113	215272	50.508	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.020%			
50) Toluene-d8	8.647	98	769137	51.147	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.300%			
62) 4-Bromofluorobenzene	11.079	95	300384	52.559	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.120%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.179	85	67359	18.545	ug/l	99
3) Chloromethane	1.307	50	66598	16.782	ug/l	95
4) Vinyl Chloride	1.386	62	75100	17.378	ug/l	97
5) Bromomethane	1.624	94	46185	16.633	ug/l	97
6) Chloroethane	1.703	64	50392	17.659	ug/l	94
7) Trichlorofluoromethane	1.904	101	128167	19.180	ug/l	96
8) Diethyl Ether	2.148	74	48392	20.350	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.343	101	82314	19.332	ug/l	99
10) Methyl Iodide	2.465	142	69014	14.877	ug/l	96
11) Tert butyl alcohol	2.953	59	48721	148.054	ug/l	100
12) 1,1-Dichloroethene	2.337	96	75244	18.270	ug/l	97
13) Acrolein	2.252	56	9476	28.599	ug/l	89
14) Allyl chloride	2.678	41	147622	20.133	ug/l	99
15) Acrylonitrile	3.075	53	214267	112.618	ug/l	100
16) Acetone	2.386	43	174679	112.078	ug/l	98
17) Carbon Disulfide	2.526	76	154040	14.262	ug/l	98
18) Methyl Acetate	2.715	43	129469	31.517	ug/l	97
19) Methyl tert-butyl Ether	3.123	73	260275	22.379	ug/l	96
20) Methylene Chloride	2.806	84	90519	19.641	ug/l	96
21) trans-1,2-Dichloroethene	3.105	96	78162	18.547	ug/l	98
22) Diisopropyl ether	3.770	45	304245	21.478	ug/l	98
23) Vinyl Acetate	3.733	43	1123336	105.849	ug/l	98
24) 1,1-Dichloroethane	3.623	63	160357	19.849	ug/l	97
25) 2-Butanone	4.562	43	259976	125.025	ug/l	96
26) 2,2-Dichloropropane	4.483	77	125231	20.828	ug/l	100
27) cis-1,2-Dichloroethene	4.501	96	100265	19.487	ug/l	97
28) Bromochloromethane	4.910	49	84454	21.181	ug/l	95
29) Tetrahydrofuran	5.013	42	161814	122.075	ug/l	99
30) Chloroform	5.105	83	166592	20.184	ug/l	97
31) Cyclohexane	5.477	56	133934	18.674	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	140225	20.335	ug/l	98
36) 1,1-Dichloropropene	5.702	75	110731	19.256	ug/l	100
37) Ethyl Acetate	4.721	43	104119	21.258	ug/l	99
38) Carbon Tetrachloride	5.684	117	116249	19.121	ug/l	95
39) Methylcyclohexane	7.385	83	133694	18.586	ug/l	97
40) Benzene	6.044	78	338546	19.464	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071825\
Data File : VX047041.D
Acq On : 18 Jul 2025 11:43
Operator : JC/MD
Sample : VX0718WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 19 04:20:53 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 :
VX0718WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.928	41	66398	25.413	ug/l		92
42) 1,2-Dichloroethane	6.092	62	124542	21.087	ug/l		98
43) Isopropyl Acetate	6.342	43	178108	23.741	ug/l		98
44) Trichloroethene	7.129	130	84791	18.727	ug/l		91
45) 1,2-Dichloropropane	7.434	63	87530	19.918	ug/l		92
46) Dibromomethane	7.586	93	62562	20.547	ug/l		98
47) Bromodichloromethane	7.824	83	130251	20.035	ug/l		99
48) Methyl methacrylate	7.696	41	93479	24.132	ug/l		97
49) 1,4-Dioxane	7.659	88	22524	501.831	ug/l		97
51) 4-Methyl-2-Pentanone	8.574	43	551027	124.456	ug/l		100
52) Toluene	8.720	92	211492	19.622	ug/l		99
53) t-1,3-Dichloropropene	8.976	75	122529	21.118	ug/l		98
54) cis-1,3-Dichloropropene	8.366	75	136444	20.602	ug/l		98
55) 1,1,2-Trichloroethane	9.153	97	84697	21.097	ug/l		97
56) Ethyl methacrylate	9.116	69	125542	22.594	ug/l		95
57) 1,3-Dichloropropane	9.305	76	143833	20.807	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.244	63	320245	102.288	ug/l		99
59) 2-Hexanone	9.427	43	388106	132.155	ug/l		97
60) Dibromochloromethane	9.519	129	95303	19.836	ug/l		99
61) 1,2-Dibromoethane	9.610	107	86251	21.392	ug/l		99
64) Tetrachloroethene	9.275	164	71953	19.392	ug/l		96
65) Chlorobenzene	10.079	112	239824	19.904	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.159	131	81811	20.198	ug/l		99
67) Ethyl Benzene	10.195	91	418973	20.305	ug/l		100
68) m/p-Xylenes	10.299	106	316578	40.715	ug/l		97
69) o-Xylene	10.640	106	152027	20.241	ug/l		97
70) Styrene	10.653	104	267673	20.830	ug/l		98
71) Bromoform	10.799	173	61923	20.561	ug/l	#	99
73) Isopropylbenzene	10.963	105	410127	21.099	ug/l		99
74) N-amyl acetate	10.842	43	160986	24.372	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	119816	22.416	ug/l		98
76) 1,2,3-Trichloropropane	11.238	75	97788m	22.887	ug/l		
77) Bromobenzene	11.195	156	96063	19.840	ug/l		92
78) n-propylbenzene	11.299	91	488464	20.840	ug/l		100
79) 2-Chlorotoluene	11.360	91	293927	21.238	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	341062	21.594	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	34120	21.430	ug/l		94
82) 4-Chlorotoluene	11.451	91	342606	21.452	ug/l		98
83) tert-Butylbenzene	11.713	119	343614	21.064	ug/l		96
84) 1,2,4-Trimethylbenzene	11.750	105	344876	21.603	ug/l		96
85) sec-Butylbenzene	11.890	105	434509	21.126	ug/l		99
86) p-Isopropyltoluene	12.006	119	359911	20.896	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	186733	20.621	ug/l		100
88) 1,4-Dichlorobenzene	12.036	146	188122	19.962	ug/l		97
89) n-Butylbenzene	12.329	91	336469	20.790	ug/l		99
90) Hexachloroethane	12.536	117	61673	20.198	ug/l		95
91) 1,2-Dichlorobenzene	12.335	146	179209	20.422	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	23403	25.034	ug/l		90
93) 1,2,4-Trichlorobenzene	13.585	180	121686	20.412	ug/l		99
94) Hexachlorobutadiene	13.719	225	44967	20.001	ug/l		98
95) Naphthalene	13.774	128	360471	22.947	ug/l		99
96) 1,2,3-Trichlorobenzene	13.957	180	115308	20.471	ug/l		97

Sample Results: **VX047041.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071825\
Data File : VX047041.D
Acq On : 18 Jul 2025 11:43
Operator : JC/MD
Sample : VX0718WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 19 04:20:53 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 :
VX0718WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025

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

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

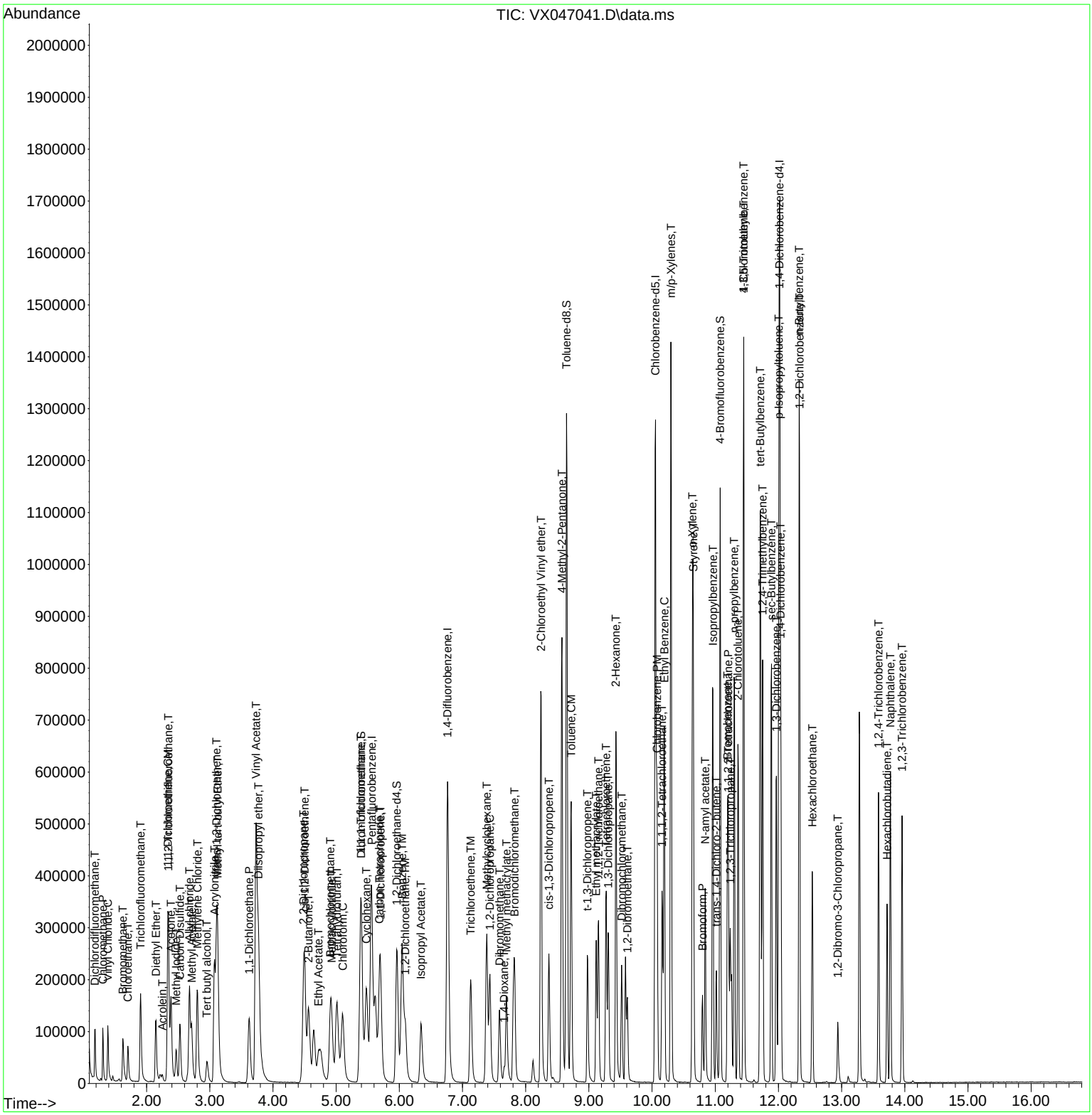
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071825\
Data File : VX047041.D
Acq On : 18 Jul 2025 11:43
Operator : JC/MD
Sample : VX0718WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 19 04:20:53 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 :
VX0718WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025



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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	
Project:	Weekly Storage Blanks	Date Received:	
Client Sample ID:	VX0718WBSD01	SDG No.:	Q2637
Lab Sample ID:	VX0718WBSD01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047042.D	1	07/18/25 12:05	VX071825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	18.3		0.22	1.00	ug/L
74-87-3	Chloromethane	16.8		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	17.1		0.26	1.00	ug/L
141-78-6	Ethyl Acetate	21.5		0.31	1.00	ug/L
74-83-9	Bromomethane	17.1		1.40	5.00	ug/L
75-00-3	Chloroethane	17.1		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	18.3		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	150		5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	17.7		0.23	1.00	ug/L
107-02-8	Acrolein	30.7		7.10	25.0	ug/L
107-13-1	Acrylonitrile	120		0.83	5.00	ug/L
67-64-1	Acetone	110		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	14.3		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	23.1		0.16	1.00	ug/L
79-20-9	Methyl Acetate	33.1		0.27	1.00	ug/L
75-09-2	Methylene Chloride	19.4		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	18.3		0.23	1.00	ug/L
108-05-4	Vinyl Acetate	110		0.66	5.00	ug/L
75-34-3	1,1-Dichloroethane	19.8		0.23	1.00	ug/L
110-82-7	Cyclohexane	18.9		1.50	5.00	ug/L
78-93-3	2-Butanone	130		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	19.3		0.25	1.00	ug/L
594-20-7	2,2-Dichloropropane	20.3		0.21	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	19.6		0.19	1.00	ug/L
74-97-5	Bromochloromethane	21.7		0.22	1.00	ug/L
67-66-3	Chloroform	20.2		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	20.1		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	17.9		0.16	1.00	ug/L
563-58-6	1,1-Dichloropropene	18.6		0.15	1.00	ug/L

Raw Data: **VX047042.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	
Project:	Weekly Storage Blanks	Date Received:	
Client Sample ID:	VX0718WBSD01	SDG No.:	Q2637
Lab Sample ID:	VX0718WBSD01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047042.D	1	07/18/25 12:05	VX071825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
71-43-2	Benzene	18.7		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	20.9		0.22	1.00	ug/L
79-01-6	Trichloroethene	18.0		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	19.7		0.20	1.00	ug/L
74-95-3	Dibromomethane	19.9		0.25	1.00	ug/L
75-27-4	Bromodichloromethane	20.2		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	130		0.68	5.00	ug/L
108-88-3	Toluene	19.7		0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	21.0		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	20.5		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	20.9		0.21	1.00	ug/L
142-28-9	1,3-Dichloropropane	20.8		0.19	1.00	ug/L
110-75-8	2-Chloroethyl Vinyl ether	100		0.30	5.00	ug/L
591-78-6	2-Hexanone	140		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	19.8		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	21.0		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	18.2		0.23	1.00	ug/L
108-90-7	Chlorobenzene	19.3		0.12	1.00	ug/L
630-20-6	1,1,1,2-Tetrachloroethane	19.8		0.19	1.00	ug/L
67-72-1	Hexachloroethane	19.9		0.32	0	ug/L
100-41-4	Ethyl Benzene	19.8		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	39.3		0.24	2.00	ug/L
95-47-6	o-Xylene	20.0		0.12	1.00	ug/L
100-42-5	Styrene	20.2		0.15	1.00	ug/L
75-25-2	Bromoform	20.3		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	20.8		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	23.1		0.26	1.00	ug/L
96-18-4	1,2,3-Trichloropropane	23.7		0.35	1.00	ug/L
108-86-1	Bromobenzene	20.2		0.24	1.00	ug/L
103-65-1	n-propylbenzene	20.5		0.13	1.00	ug/L
95-49-8	2-Chlorotoluene	20.6		0.14	1.00	ug/L

Raw Data: **VX047042.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	
Project:	Weekly Storage Blanks	Date Received:	
Client Sample ID:	VX0718WBSD01	SDG No.:	Q2637
Lab Sample ID:	VX0718WBSD01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047042.D	1	07/18/25 12:05	VX071825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-67-8	1,3,5-Trimethylbenzene	21.2		0.15	1.00	ug/L
106-43-4	4-Chlorotoluene	21.3		0.13	1.00	ug/L
98-06-6	tert-Butylbenzene	20.4		0.14	1.00	ug/L
95-63-6	1,2,4-Trimethylbenzene	21.3		0.14	1.00	ug/L
135-98-8	sec-Butylbenzene	20.7		0.13	1.00	ug/L
99-87-6	p-Isopropyltoluene	20.9		0.13	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	20.5		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	20.0		0.19	1.00	ug/L
104-51-8	n-Butylbenzene	20.8		0.15	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	20.3		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	25.2		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	20.1		0.20	1.00	ug/L
87-68-3	Hexachlorobutadiene	20.2		0.30	1.00	ug/L
91-20-3	Naphthalene	23.4		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	20.7		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	56.6		74 - 125	113%	SPK: 50
1868-53-7	Dibromofluoromethane	51.0		75 - 124	102%	SPK: 50
2037-26-5	Toluene-d8	51.7		86 - 113	103%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.0		77 - 121	106%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	358000	5.562			
540-36-3	1,4-Difluorobenzene	607000	6.769			
3114-55-4	Chlorobenzene-d5	545000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	267000	12.018			

Raw Data: **VX047042.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	
Project:	Weekly Storage Blanks	Date Received:	
Client Sample ID:	VX0718WBSD01	SDG No.:	Q2637
Lab Sample ID:	VX0718WBSD01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC- Chemtech Full
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047042.D	1	07/18/25 12:05	VX071825

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\VX071825\
Data File : VX047042.D
Acq On : 18 Jul 2025 12:05
Operator : JC/MD
Sample : VX0718WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 19 04:21:54 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 :
VX0718WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	358348	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	607255	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	545202	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	267414	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	268132	56.638	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 113.280%			
35) Dibromofluoromethane	5.397	113	210038	50.955	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.900%			
50) Toluene-d8	8.647	98	752616	51.749	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.500%			
62) 4-Bromofluorobenzene	11.079	95	293156	53.037	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.080%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	62811	18.328	ug/l	98
3) Chloromethane	1.307	50	62975	16.819	ug/l	99
4) Vinyl Chloride	1.386	62	69571	17.062	ug/l	99
5) Bromomethane	1.624	94	44749	17.080	ug/l	100
6) Chloroethane	1.703	64	46094	17.120	ug/l	95
7) Trichlorofluoromethane	1.904	101	115406	18.305	ug/l	98
8) Diethyl Ether	2.148	74	46350	20.658	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.349	101	75600	18.818	ug/l	98
10) Methyl Iodide	2.465	142	69764	15.939	ug/l	97
11) Tert butyl alcohol	2.959	59	47026	151.458	ug/l	100
12) 1,1-Dichloroethene	2.337	96	68665	17.671	ug/l	98
13) Acrolein	2.252	56	9653	30.651	ug/l	99
14) Allyl chloride	2.678	41	134434	19.432	ug/l	99
15) Acrylonitrile	3.075	53	210275	117.136	ug/l	99
16) Acetone	2.386	43	166685	113.351	ug/l	95
17) Carbon Disulfide	2.532	76	145330	14.261	ug/l	99
18) Methyl Acetate	2.715	43	128274	33.095	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	253949	23.143	ug/l	97
20) Methylene Chloride	2.806	84	84386	19.406	ug/l	95
21) trans-1,2-Dichloroethene	3.111	96	72781	18.304	ug/l	98
22) Diisopropyl ether	3.770	45	290787	21.756	ug/l	93
23) Vinyl Acetate	3.733	43	1079085	107.766	ug/l	98
24) 1,1-Dichloroethane	3.623	63	150600	19.757	ug/l	100
25) 2-Butanone	4.562	43	259871	132.456	ug/l	100
26) 2,2-Dichloropropane	4.489	77	115103	20.290	ug/l	100
27) cis-1,2-Dichloroethene	4.507	96	95073	19.584	ug/l	97
28) Bromochloromethane	4.910	49	81776	21.738	ug/l	94
29) Tetrahydrofuran	5.013	42	163520	130.746	ug/l	99
30) Chloroform	5.111	83	157652	20.244	ug/l	99
31) Cyclohexane	5.483	56	127626	18.860	ug/l	98
32) 1,1,1-Trichloroethane	5.397	97	130607	20.074	ug/l	97
36) 1,1-Dichloropropene	5.702	75	103500	18.610	ug/l	99
37) Ethyl Acetate	4.721	43	101796	21.490	ug/l	99
38) Carbon Tetrachloride	5.690	117	113719	19.341	ug/l	97
39) Methylcyclohexane	7.385	83	124710	17.926	ug/l	98
40) Benzene	6.050	78	314185	18.677	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071825\
Data File : VX047042.D
Acq On : 18 Jul 2025 12:05
Operator : JC/MD
Sample : VX0718WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 19 04:21:54 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 :
VX0718WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.928	41	60409	23.907	ug/l		97
42) 1,2-Dichloroethane	6.092	62	119283	20.882	ug/l		99
43) Isopropyl Acetate	6.348	43	175594	24.202	ug/l		99
44) Trichloroethene	7.135	130	78931	18.025	ug/l		97
45) 1,2-Dichloropropane	7.434	63	83572	19.664	ug/l		99
46) Dibromomethane	7.586	93	58605	19.902	ug/l		99
47) Bromodichloromethane	7.824	83	126801	20.167	ug/l		99
48) Methyl methacrylate	7.696	41	92253	24.625	ug/l		97
49) 1,4-Dioxane	7.665	88	22735	523.744	ug/l		95
51) 4-Methyl-2-Pentanone	8.574	43	557928	130.297	ug/l		99
52) Toluene	8.720	92	205129	19.678	ug/l		97
53) t-1,3-Dichloropropene	8.982	75	117743	20.983	ug/l		99
54) cis-1,3-Dichloropropene	8.366	75	131026	20.457	ug/l		97
55) 1,1,2-Trichloroethane	9.153	97	81155	20.902	ug/l		98
56) Ethyl methacrylate	9.116	69	125243	23.306	ug/l		96
57) 1,3-Dichloropropane	9.305	76	139098	20.806	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.244	63	314906	104.001	ug/l		99
59) 2-Hexanone	9.427	43	387141	136.306	ug/l		98
60) Dibromochloromethane	9.519	129	92188	19.840	ug/l		99
61) 1,2-Dibromoethane	9.610	107	82059	21.044	ug/l		99
64) Tetrachloroethene	9.275	164	66071	18.202	ug/l		99
65) Chlorobenzene	10.079	112	227706	19.318	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.159	131	78300	19.760	ug/l		99
67) Ethyl Benzene	10.195	91	399617	19.796	ug/l		100
68) m/p-Xylenes	10.299	106	299307	39.348	ug/l		97
69) o-Xylene	10.640	106	147127	20.024	ug/l		100
70) Styrene	10.653	104	254176	20.219	ug/l		98
71) Bromoform	10.799	173	59828	20.306	ug/l	#	97
73) Isopropylbenzene	10.957	105	391472	20.825	ug/l		100
74) N-amyl acetate	10.842	43	157059	24.587	ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.207	83	119188	23.058	ug/l		100
76) 1,2,3-Trichloropropane	11.238	75	98072m	23.735	ug/l		
77) Bromobenzene	11.195	156	94509	20.184	ug/l		97
78) n-propylbenzene	11.299	91	463634	20.454	ug/l		100
79) 2-Chlorotoluene	11.360	91	275103	20.554	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	324142	21.221	ug/l		98
81) trans-1,4-Dichloro-2-b...	11.018	75	34746	22.566	ug/l		95
82) 4-Chlorotoluene	11.451	91	328366	21.260	ug/l		98
83) tert-Butylbenzene	11.713	119	321134	20.356	ug/l		97
84) 1,2,4-Trimethylbenzene	11.750	105	328511	21.278	ug/l		96
85) sec-Butylbenzene	11.890	105	411981	20.712	ug/l		100
86) p-Isopropyltoluene	12.006	119	348391	20.916	ug/l		98
87) 1,3-Dichlorobenzene	11.969	146	179609	20.510	ug/l		98
88) 1,4-Dichlorobenzene	12.036	146	182155	19.986	ug/l		98
89) n-Butylbenzene	12.329	91	326305	20.849	ug/l		99
90) Hexachloroethane	12.536	117	58759	19.899	ug/l		93
91) 1,2-Dichlorobenzene	12.335	146	172315	20.305	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	22812	25.232	ug/l		95
93) 1,2,4-Trichlorobenzene	13.585	180	115962	20.114	ug/l		99
94) Hexachlorobutadiene	13.719	225	43817	20.153	ug/l		99
95) Naphthalene	13.774	128	355267	23.386	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	112922	20.730	ug/l		99

Sample Results: **VX047042.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071825\
Data File : VX047042.D
Acq On : 18 Jul 2025 12:05
Operator : JC/MD
Sample : VX0718WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 19 04:21:54 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 :
VX0718WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025

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

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

Sample Results: **VX047042.D**

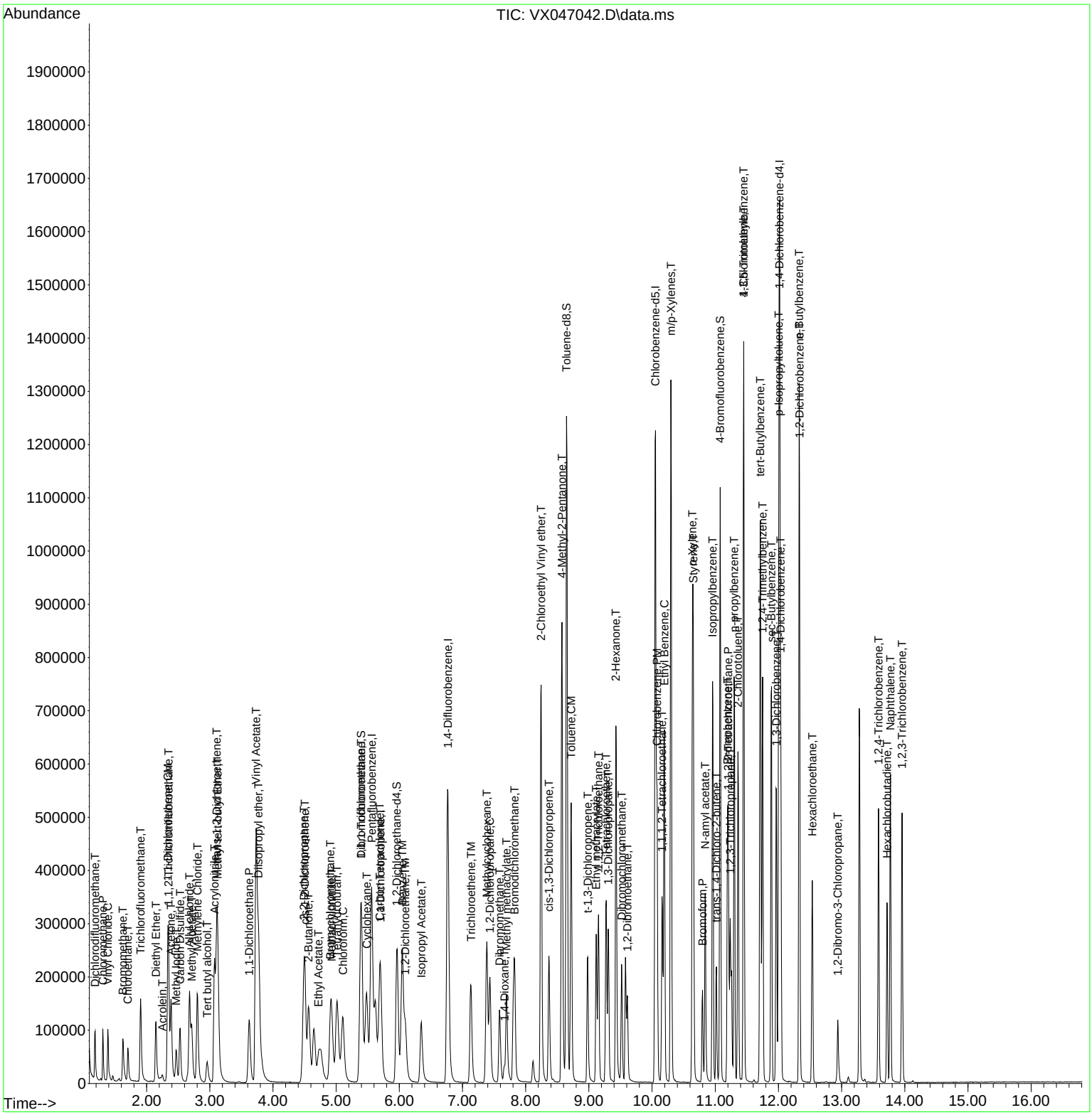
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071825\
Data File : VX047042.D
Acq On : 18 Jul 2025 12:05
Operator : JC/MD
Sample : VX0718WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 19 04:21:54 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 :
VX0718WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 07/21/2025
Supervised By :Mahesh Dadoda 07/21/2025



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

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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

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Manual Integration Report

Sequence:	VX071825	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX047038.D	1,2,3-Trichloropropane	JOHN	7/21/2025 8:37:43 AM	MMDadoda	7/21/2025 1:56:02 PM	Peak Integrated by Software
VX0718WBS01	VX047041.D	1,2,3-Trichloropropane	JOHN	7/21/2025 8:37:48 AM	MMDadoda	7/21/2025 1:56:03 PM	Peak Integrated by Software
VX0718WBSD01	VX047042.D	1,2,3-Trichloropropane	JOHN	7/21/2025 8:37:55 AM	MMDadoda	7/21/2025 1:56:04 PM	Peak Integrated by Software
VSTDCCC050	VX047052.D	1,2,3-Trichloropropane	JOHN	7/21/2025 8:38:05 AM	MMDadoda	7/21/2025 1:56:07 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 # VX071825

Review By	John Carlone	Review On	7/21/2025 8:40:45 AM				
Supervise By	Mahesh Dadoda	Supervise On	7/21/2025 1:56:12 PM				
SubDirectory	VX071825	HP Acquire Method	MSVOA_X		HP Processing Method	82x070225w.m	

STD. NAME	STD REF.#
Tune/Reschk	VP134820
Initial Calibration Stds	
CCC	VP134822,VP134823
Internal Standard/PEM	VP133935
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX047037.D	18 Jul 2025 07:32	JC/MD	Ok
2	VSTDCCC050	VX047038.D	18 Jul 2025 10:20	JC/MD	Ok,M
3	VX0718MBL01	VX047039.D	18 Jul 2025 10:58	JC/MD	Ok
4	VX0718WBL01	VX047040.D	18 Jul 2025 11:19	JC/MD	Ok
5	VX0718WBS01	VX047041.D	18 Jul 2025 11:43	JC/MD	Ok,M
6	VX0718WBSD01	VX047042.D	18 Jul 2025 12:05	JC/MD	Ok,M
7	Q2581-01	VX047043.D	18 Jul 2025 12:53	JC/MD	Ok
8	Q2581-02	VX047044.D	18 Jul 2025 13:14	JC/MD	Ok
9	Q2581-03	VX047045.D	18 Jul 2025 13:36	JC/MD	Ok
10	Q2581-04	VX047046.D	18 Jul 2025 13:57	JC/MD	Ok
11	Q2637-01	VX047047.D	18 Jul 2025 14:18	JC/MD	Ok
12	Q2637-02	VX047048.D	18 Jul 2025 14:39	JC/MD	Ok
13	Q2637-03	VX047049.D	18 Jul 2025 15:00	JC/MD	Ok
14	Q2637-04	VX047050.D	18 Jul 2025 15:21	JC/MD	Ok
15	Q2646-01	VX047051.D	18 Jul 2025 15:42	JC/MD	Not Ok
16	VSTDCCC050	VX047052.D	18 Jul 2025 16:03	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 # 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

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 # VX071825

Review By	John Carlone	Review On	7/21/2025 8:40:45 AM		
Supervise By	Mahesh Dadoda	Supervise On	7/21/2025 1:56:12 PM		
SubDirectory	VX071825	HP Acquire Method	MSVOA_X	HP Processing Method	82x070225w.m

STD. NAME	STD REF.#
Tune/Reschk	VP134820
Initial Calibration Stds	
CCC	VP134822,VP134823
Internal Standard/PEM	VP133935
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX047037.D	18 Jul 2025 07:32		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX047038.D	18 Jul 2025 10:20	CCC fail High com. # 25	JC/MD	Ok,M
3	VX0718MBL01	VX0718MBL01	VX047039.D	18 Jul 2025 10:58		JC/MD	Ok
4	VX0718WBL01	VX0718WBL01	VX047040.D	18 Jul 2025 11:19		JC/MD	Ok
5	VX0718WBS01	VX0718WBS01	VX047041.D	18 Jul 2025 11:43	BS Failed High for com.#25	JC/MD	Ok,M
6	VX0718WBSD01	VX0718WBSD01	VX047042.D	18 Jul 2025 12:05	BSD Failed High for com.#25	JC/MD	Ok,M
7	Q2581-01	STORAGE-BLANK-SO	VX047043.D	18 Jul 2025 12:53	vial A pH<2	JC/MD	Ok
8	Q2581-02	STORAGE-BLANK-WA	VX047044.D	18 Jul 2025 13:14	vial A pH<2	JC/MD	Ok
9	Q2581-03	STORAGE-BLANK-WA	VX047045.D	18 Jul 2025 13:36	vial A pH<2	JC/MD	Ok
10	Q2581-04	STORAGE-BLANK-SA	VX047046.D	18 Jul 2025 13:57	vial A pH<2	JC/MD	Ok
11	Q2637-01	STORAGE-BLANK-SO	VX047047.D	18 Jul 2025 14:18	vial A pH<2	JC/MD	Ok
12	Q2637-02	STORAGE-BLANK-WA	VX047048.D	18 Jul 2025 14:39	vial A pH<2	JC/MD	Ok
13	Q2637-03	STORAGE-BLANK-WA	VX047049.D	18 Jul 2025 15:00	vial A pH<2	JC/MD	Ok
14	Q2637-04	STORAGE-BLANK-SA	VX047050.D	18 Jul 2025 15:21	vial A pH<2	JC/MD	Ok
15	Q2646-01	FRAC TANK	VX047051.D	18 Jul 2025 15:42	CCC Failed High,BS,BSD Failed High,Run @ lower dilution	JC/MD	Not Ok
16	VSTDCCC050	VSTDCCC050EC	VX047052.D	18 Jul 2025 16:03		JC/MD	Ok,M

M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 7/21/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:15
In Date: 07/18/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:25
Out Date: 07/19/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB136542

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q2637-05	SVOC-GPC-BLANK	1	1.00	1.00	2.00	2.00	100.0	
Q2637-06	PEST-GPC-BLANK	2	1.00	1.00	2.00	2.00	100.0	
Q2637-07	PEST-GPC-BLANK-SPIKE	3	1.00	1.00	2.00	2.00	100.0	
Q2637-10	SVOC-GPC2-BLANK	4	1.00	1.00	2.00	2.00	100.0	
Q2637-11	PEST-GPC2-BLANK	5	1.00	1.00	2.00	2.00	100.0	
Q2637-12	PEST-GPC2-BLANK-SPIKE	6	1.00	1.00	2.00	2.00	100.0	
Q2638-01	OU4-TS-31-071725	7	1.15	10.44	11.59	8.29	68.4	
Q2638-03	OU4-TS-32-071725	8	1.14	10.41	11.55	7.92	65.1	
Q2638-05	OU4-TS-33-071725	9	1.12	10.69	11.81	8.04	64.7	
Q2638-07	OU4-TS-34-071725	10	1.18	10.81	11.99	8.58	68.5	
Q2638-09	OU4-TS-35-071725	11	1.18	10.24	11.42	9.62	82.4	
Q2638-11	OU4-TS-36-071725	12	1.16	10.22	11.38	9.53	81.9	
Q2638-13	OU4-TS-37-071725	13	1.14	10.27	11.41	9.48	81.2	
Q2639-01	OU4-TS-38-071725	14	1.16	10.58	11.74	9.69	80.6	
Q2639-03	OU4-TS-39-071725	15	1.12	10.64	11.76	9.74	81.0	
Q2639-05	OU4-TS-40-071725	16	1.16	10.23	11.39	9.42	80.7	
Q2639-07	OU4-TS-41-071725	17	1.18	10.20	11.38	9.54	82.0	
Q2639-09	OU4-TS-42-071725	18	1.19	10.34	11.53	7.42	60.3	
Q2639-11	OU4-TS-43-071725	19	1.19	10.67	11.86	7.38	58.0	
Q2639-13	OU4-TS-44-071725	20	1.12	10.87	11.99	8.18	64.9	
Q2641-01	P001-CONCRETE001-01	21	1.00	1.00	2.00	2.00	100.0	Concreate sample
Q2645-02	RW5B-CARBON-20250716	22	1.17	10.52	11.69	8.39	68.6	
Q2648-01	A3	23	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2648-02	A4	24	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2648-03	B2	25	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2648-04	B3	26	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2648-05	B4	27	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2651-01	MH 2-1	28	1.18	10.67	11.85	11.26	94.5	

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 7/21/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:15
In Date: 07/18/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:25
Out Date: 07/19/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB136542

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q2651-02	MH 6-5	29	1.15	10.40	11.55	10.9	93.8	
Q2651-03	MH 7-6	30	1.12	10.20	11.32	10.7	93.9	
Q2651-04	MH 8-7	31	1.13	10.44	11.57	11.01	94.6	
Q2651-05	MH 9-8	32	1.13	10.27	11.4	10.67	92.9	

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

WORKLIST(Hardcopy Internal Chain)

WM 136542

WorkList Name : %1-071825 **WorkList ID :** 190813 **Department :** Wet-Chemistry **Date :** 07-18-2025 07:56:12

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2637-05	SVOC-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	D31	07/11/2025	Chemtech -SO
Q2637-06	PEST-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	D31	07/11/2025	Chemtech -SO
Q2637-07	PEST-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	D31	07/11/2025	Chemtech -SO
Q2637-10	SVOC-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	D31	07/11/2025	Chemtech -SO
Q2637-11	PEST-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	D31	07/11/2025	Chemtech -SO
Q2637-12	PEST-GPC2-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	D31	07/11/2025	Chemtech -SO
Q2638-01	OU4-TS-31-071725	Solid	Percent Solids	Cool 4 deg C	CHEM02	D31	07/11/2025	Chemtech -SO
Q2638-03	OU4-TS-32-071725	Solid	Percent Solids	Cool 4 deg C	NOBI03	O21	07/17/2025	Chemtech -SO
Q2638-05	OU4-TS-33-071725	Solid	Percent Solids	Cool 4 deg C	NOBI03	O21	07/17/2025	Chemtech -SO
Q2638-07	OU4-TS-34-071725	Solid	Percent Solids	Cool 4 deg C	NOBI03	O21	07/17/2025	Chemtech -SO
Q2638-09	OU4-TS-35-071725	Solid	Percent Solids	Cool 4 deg C	NOBI03	O21	07/17/2025	Chemtech -SO
Q2638-11	OU4-TS-36-071725	Solid	Percent Solids	Cool 4 deg C	NOBI03	O21	07/17/2025	Chemtech -SO
Q2638-13	OU4-TS-37-071725	Solid	Percent Solids	Cool 4 deg C	NOBI03	O21	07/17/2025	Chemtech -SO
Q2639-01	OU4-TS-38-071725	Solid	Percent Solids	Cool 4 deg C	NOBI03	O21	07/17/2025	Chemtech -SO
Q2639-03	OU4-TS-39-071725	Solid	Percent Solids	Cool 4 deg C	NOBI03	O13	07/17/2025	Chemtech -SO
Q2639-05	OU4-TS-40-071725	Solid	Percent Solids	Cool 4 deg C	NOBI03	O13	07/17/2025	Chemtech -SO
Q2639-07	OU4-TS-41-071725	Solid	Percent Solids	Cool 4 deg C	NOBI03	O13	07/17/2025	Chemtech -SO
Q2639-09	OU4-TS-42-071725	Solid	Percent Solids	Cool 4 deg C	NOBI03	O13	07/17/2025	Chemtech -SO
Q2639-11	OU4-TS-43-071725	Solid	Percent Solids	Cool 4 deg C	NOBI03	O13	07/17/2025	Chemtech -SO
Q2639-13	OU4-TS-44-071725	Solid	Percent Solids	Cool 4 deg C	NOBI03	O13	07/17/2025	Chemtech -SO
Q2641-01	P001-CONCRETE001-01	Solid	Percent Solids	Cool 4 deg C	ROYF02	O22	07/16/2025	Chemtech -SO

Date/Time 07/18/25 15:30

Raw Sample Received by:

Raw Sample Relinquished by:

Date/Time 07/18/25 17:35

Raw Sample Received by:

Raw Sample Relinquished by:

WORKLIST(Hardcopy Internal Chain)

VB 136542

WorkList Name : %1-071825 **WorkList ID :** 190813 **Department :** Wet-Chemistry **Date :** 07-18-2025 07:56:12

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2645-02	RW5B-CARBON-20250716	Solid	Percent Solids	Cool 4 deg C	TETR06	O41	07/16/2025	Chemtech -SO
Q2648-01	A3	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	07/18/2025	Chemtech -SO
Q2648-02	A4	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	07/18/2025	Chemtech -SO
Q2648-03	B2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	07/18/2025	Chemtech -SO
Q2648-04	B3	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	07/18/2025	Chemtech -SO
Q2648-05	B4	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	07/18/2025	Chemtech -SO
Q2651-01	MH 2-1	Solid	Percent Solids	Cool 4 deg C	EARTH03	O22	07/17/2025	Chemtech -SO
Q2651-02	MH 6-5	Solid	Percent Solids	Cool 4 deg C	EARTH03	O22	07/17/2025	Chemtech -SO
Q2651-03	MH 7-6	Solid	Percent Solids	Cool 4 deg C	EARTH03	O22	07/17/2025	Chemtech -SO
Q2651-04	MH 8-7	Solid	Percent Solids	Cool 4 deg C	EARTH03	O22	07/17/2025	Chemtech -SO
Q2651-05	MH 9-8	Solid	Percent Solids	Cool 4 deg C	EARTH03	O22	07/17/2025	Chemtech -SO

Date/Time 07/18/25 15:00

Raw Sample Received by:

Raw Sample Relinquished by:

Date/Time 07/18/25 17:35

Raw Sample Received by:

Raw Sample Relinquished by:

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax: (908) 78-8922
www.chemtech.net
CHAIN OF CUSTODY RECORD

Alliance Project Number: Q 2637

COC Number:

CLIENT INFORMATION

COMPANY: Alliance Technical Group
ADDRESS: 284 Sheffield Street
CITY Mountainside STATE: NJ ZIP:07092
ATTENTION: QA Officer
PHOI 908-789-8900 FAX:908-788-9222

PROJECT INFORMATION

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

BILLING INFORMATION

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

DATA TURNAROUND INFORMATION

FAX:_____10_____ DAYS*
HARD COPY:_____10_____DAYS*
EDD_____DAYS*
* TO BE APPROVED BY ALLIANCE
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

- ☐ RESULTS ONLY (L1)
- ☐ RESULTS + QC (L2)
- ☐ NJ REDUCED (L3)
- ☐ NJ FULL (L4)
- ☐ US EPA CLP (L4)
- ☐ NYS ASP "A" (L2)
- ☐ NYS ASP "B" (L4)
- ☐ Other_____
- ☐ EDD Format_____

ANALYSIS

	1	2	3	4	5	6	7	8	9
	VOC-Drinking H2O	SVOC-Full+25-8270	PESTICIDE-TCL	PCB					

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# of Bottles	PRESERVATIVES A/E	1	2	3	4	5	6	7	8	9	COMMENTS
1.	Storage-Blank-SOIL-REF-6	AQ		X			2	X										
2.	Storage-Blank-WATER-REF-5	AQ		X			2	X										
3.	Storage-Blank-WATER-REF-4	AQ		X			2	X										
4.	Storage-Blank-SAMPLE-MANAGEMENT	AQ		X			2	X										
5.	SVOC-GPC-BLANK	SO		X			1		X									
6.	PEST-GPC-BLANK	SO		X			1			X								
7.	PEST-GPC-BLANK-SPIKE	SO		X			1			X								
8.	PCB-GPC-BLANK	SO		X			1				X							
9.	PCB-GPC-BLANK-SPIKE	SO		X			1				X							
10.	SVOC-GPC2-BLANK	SO		X			1		X									

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

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

RELINQUISHED BY SAMPLER	DATE/TIME	RECEIVED BY
1. Sam	07/15/25 9:00Am	1.
RELINQUISHED BY	DATE/TIME	RECEIVED BY
2.		2.
RELINQUISHED BY	DATE/TIME	RECEIVED FOR LAB BY
3.		3.

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

Page 1 of 2

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

Shipment Complete
☐ YES ☐ NO

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

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ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX:_____10_____ DAYS*
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- ☐ Other_____
- ☐ EDD Format_____

ANALYSIS

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VOC-Drinking H2O	SVOC-Full+25-8270	PESTICIDE-TCL	PCB					

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# of Bottles	A/E	1	2	3	4	5	6	7	8	9	COMMENTS
1.	PEST-GPC2-BLANK	SO		X			1				X							
2.	PEST-GPC2-BLANK-SPIKE	SO		X			1				X							
3.	PCB-GPC2-BLANK	SO		X			1					X						
4.	PCB-GPC2-BLANK-SPIKE	SO		X			1					X						
5.																		
6.																		
7.																		
8.																		
9.																		
10.																		

PRESERVATIVES

COMMENTS

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

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

RELINQUISHED BY SAMPLER	DATE/TIME	RECEIVED BY
1. Sam	07/18/	1.
RELINQUISHED BY	DATE/TIME	RECEIVED BY
2.		2.
RELINQUISHED BY	DATE/TIME	RECEIVED FOR LAB BY
3.		3.

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

Page 2 of 2

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

Shipment Complete
☐ YES ☐ NO

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

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

Laboratory Certification

Certified By	License No.
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