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:	Q2987	**OrderDate:**	8/29/2025 10:41:00 AM
Client:	Chemtech Consulting Group	**Project:**	Weekly Storage Blanks
Contact:	QA Officer	**Location:**	D21,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2987-01	**STORAGE-BLANK-SAMPLE-MANAGEMENT**	**Water**			**08/22/25**			**08/29/25**
			VOC- Chemtech Full	8260-Low			08/29/25	
Q2987-02	**STORAGE-BLANK-WATER-REF-5**	**Water**			**08/22/25**			**08/29/25**
			VOC- Chemtech Full	8260-Low			08/29/25	
Q2987-03	**STORAGE-BLANK-WATER-REF-4**	**Water**			**08/22/25**			**08/29/25**
			VOC- Chemtech Full	8260-Low			08/29/25	
Q2987-04	**STORAGE-BLANK-SAMPLE-MANAGEMENT**	**Water**			**08/22/25**			**08/29/25**
			VOC- Chemtech Full	8260-Low			08/29/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2987

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.: Q2987

Client: Chemtech Consulting Group

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q2987-01	STORAGE-BLANK-SAMPLE-MANAC	1,2-Dichloroethane-d4	50	59.0	118		74	125
		Dibromofluoromethane	50	51.6	103		75	124
		Toluene-d8	50	51.8	104		86	113
		4-Bromofluorobenzene	50	59.7	119		77	121
Q2987-02	STORAGE-BLANK-WATER-REF-5	1,2-Dichloroethane-d4	50	54.5	109		74	125
		Dibromofluoromethane	50	50.3	101		75	124
		Toluene-d8	50	51.4	103		86	113
		4-Bromofluorobenzene	50	57.4	115		77	121
Q2987-03	STORAGE-BLANK-WATER-REF-4	1,2-Dichloroethane-d4	50	53.9	108		74	125
		Dibromofluoromethane	50	51.1	102		75	124
		Toluene-d8	50	50.6	101		86	113
		4-Bromofluorobenzene	50	56.3	113		77	121
Q2987-04	STORAGE-BLANK-SAMPLE-MANAC	1,2-Dichloroethane-d4	50	55.6	111		74	125
		Dibromofluoromethane	50	51.5	103		75	124
		Toluene-d8	50	51.2	102		86	113
		4-Bromofluorobenzene	50	57.4	115		77	121
VX0829WBL01	VX0829WBL01	1,2-Dichloroethane-d4	50	57.7	115		74	125
		Dibromofluoromethane	50	51.8	104		75	124
		Toluene-d8	50	51.3	103		86	113
		4-Bromofluorobenzene	50	59.7	119		77	121
VX0829WBS01	VX0829WBS01	1,2-Dichloroethane-d4	50	54.3	109		74	125
		Dibromofluoromethane	50	51.0	102		75	124
		Toluene-d8	50	50.2	100		86	113
		4-Bromofluorobenzene	50	53.3	107		77	121
VX0829WBSD0	VX0829WBSD01	1,2-Dichloroethane-d4	50	47.0	94		74	125
		Dibromofluoromethane	50	48.0	96		75	124
		Toluene-d8	50	48.4	97		86	113
		4-Bromofluorobenzene	50	49.1	98		77	121

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2987 **Analytical Method:** SW8260-Low

Client: Chemtech Consulting Group **Datafile :** VX047560.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0829WBS01	Dichlorodifluoromethane	20	17.3	ug/L	86			69	116	
	Chloromethane	20	17.6	ug/L	88			65	116	
	Vinyl chloride	20	17.8	ug/L	89			65	117	
	Ethyl Acetate	20	18.2	ug/L	91			75	115	
	Bromomethane	20	20.8	ug/L	104			58	125	
	Chloroethane	20	17.6	ug/L	88			56	128	
	Trichlorofluoromethane	20	18.4	ug/L	92			73	115	
	1,1,2-Trichlorotrifluoroethane	20	18.6	ug/L	93			80	112	
	Tert butyl alcohol	100	89.4	ug/L	89			48	142	
	1,1-Dichloroethene	20	17.6	ug/L	88			74	110	
	Acrolein	100	85.2	ug/L	85			28	144	
	Acrylonitrile	100	91.1	ug/L	91			73	113	
	Acetone	100	91.0	ug/L	91			60	125	
	Carbon disulfide	20	17.9	ug/L	90			64	112	
	Methyl tert-butyl Ether	20	18.9	ug/L	95			78	114	
	Methyl Acetate	20	19.0	ug/L	95			67	125	
	Methylene Chloride	20	18.0	ug/L	90			72	114	
	trans-1,2-Dichloroethene	20	18.9	ug/L	95			75	108	
	Vinyl Acetate	100	95.1	ug/L	95			76	115	
	1,1-Dichloroethane	20	18.5	ug/L	93			78	112	
	Cyclohexane	20	18.6	ug/L	93			75	110	
	2-Butanone	100	91.5	ug/L	92			65	122	
	Carbon Tetrachloride	20	18.0	ug/L	90			77	113	
	2,2-Dichloropropane	20	18.7	ug/L	94			56	164	
	cis-1,2-Dichloroethene	20	19.0	ug/L	95			77	110	
	Bromochloromethane	20	19.8	ug/L	99			70	124	
	Chloroform	20	19.0	ug/L	95			79	113	
	1,1,1-Trichloroethane	20	18.7	ug/L	94			80	108	
	Methylcyclohexane	20	17.9	ug/L	90			72	115	
	1,1-Dichloropropene	20	18.4	ug/L	92			79	110	
	Benzene	20	18.5	ug/L	93			82	109	
	1,2-Dichloroethane	20	18.5	ug/L	93			80	115	
	Trichloroethene	20	18.6	ug/L	93			77	113	
	1,2-Dichloropropane	20	18.9	ug/L	95			83	111	
	Dibromomethane	20	18.5	ug/L	93			82	110	
	Bromodichloromethane	20	18.6	ug/L	93			83	110	
	4-Methyl-2-Pentanone	100	92.5	ug/L	93			74	118	
	Toluene	20	19.1	ug/L	96			82	110	
	t-1,3-Dichloropropene	20	18.6	ug/L	93			79	110	
	cis-1,3-Dichloropropene	20	19.0	ug/L	95			82	110	
	1,1,2-Trichloroethane	20	18.6	ug/L	93			83	112	
	1,3-Dichloropropane	20	18.5	ug/L	93			83	111	
	2-Chloroethyl vinyl ether	100	100	ug/L	100			75	124	
	2-Hexanone	100	92.5	ug/L	93			73	117	
	Dibromochloromethane	20	18.3	ug/L	92			82	110	
	1,2-Dibromoethane	20	18.9	ug/L	95			81	110	
	Tetrachloroethene	20	18.1	ug/L	91			67	123	
	Chlorobenzene	20	18.2	ug/L	91			82	109	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2987 **Analytical Method:** SW8260-Low

Client: Chemtech Consulting Group **Datafile :** VX047560.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0829WBS01	1,1,1,2-Tetrachloroethane	20	18.1	ug/L	91			84	111	
	Hexachloroethane	20	16.4	ug/L	82			80	113	
	Ethyl Benzene	20	18.3	ug/L	92			83	109	
	m/p-Xylenes	40	37.5	ug/L	94			82	110	
	o-Xylene	20	18.7	ug/L	94			83	109	
	Styrene	20	19.2	ug/L	96			80	111	
	Bromoform	20	18.4	ug/L	92			79	109	
	Isopropylbenzene	20	17.5	ug/L	88			83	112	
	1,1,2,2-Tetrachloroethane	20	17.0	ug/L	85			76	118	
	1,2,3-Trichloropropane	20	17.6	ug/L	88			75	112	
	Bromobenzene	20	17.7	ug/L	89			77	116	
	N-propylbenzene	20	17.4	ug/L	87			83	112	
	2-Chlorotoluene	20	17.5	ug/L	88			83	110	
	1,3,5-Trimethylbenzene	20	18.0	ug/L	90			85	112	
	4-Chlorotoluene	20	17.7	ug/L	89			82	110	
	tert-Butylbenzene	20	17.5	ug/L	88			83	112	
	1,2,4-Trimethylbenzene	20	17.8	ug/L	89			85	111	
	Sec-butylbenzene	20	17.4	ug/L	87			81	114	
	p-Isopropyltoluene	20	17.5	ug/L	88			78	116	
	1,3-Dichlorobenzene	20	17.3	ug/L	86			82	108	
	1,4-Dichlorobenzene	20	17.5	ug/L	88			82	107	
	n-Butylbenzene	20	17.2	ug/L	86			75	115	
	1,2-Dichlorobenzene	20	17.2	ug/L	86			82	109	
	1,2-Dibromo-3-Chloropropane	20	15.7	ug/L	79			68	112	
	1,2,4-Trichlorobenzene	20	17.1	ug/L	86			75	113	
	Hexachlorobutadiene	20	16.4	ug/L	82			81	121	
	Naphthalene	20	17.0	ug/L	85			78	119	
	1,2,3-Trichlorobenzene	20	17.2	ug/L	86			76	114	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	**Q2987**	**Analytical Method:**	**SW8260-Low**
Client:	**Chemtech Consulting Group**	**Datafile :**	VX047561.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0829WBSD01	Dichlorodifluoromethane	20	18.1	ug/L	91	6		69	116	19
	Chloromethane	20	16.7	ug/L	84	5		65	116	21
	Vinyl chloride	20	17.6	ug/L	88	1		65	117	19
	Ethyl Acetate	20	19.5	ug/L	98	7		75	115	27
	Bromomethane	20	20.0	ug/L	100	4		58	125	20
	Chloroethane	20	18.7	ug/L	94	7		56	128	20
	Trichlorofluoromethane	20	18.5	ug/L	93	1		73	115	16
	1,1,2-Trichlorotrifluoroethane	20	18.6	ug/L	93	0		80	112	15
	Tert butyl alcohol	100	83.9	ug/L	84	6		48	142	30
	1,1-Dichloroethene	20	17.8	ug/L	89	1		74	110	20
	Acrolein	100	80.6	ug/L	81	5		28	144	30
	Acrylonitrile	100	88.5	ug/L	89	2		73	113	29
	Acetone	100	82.5	ug/L	83	9		60	125	20
	Carbon disulfide	20	17.7	ug/L	89	1		64	112	20
	Methyl tert-butyl Ether	20	18.1	ug/L	91	4		78	114	20
	Methyl Acetate	20	17.7	ug/L	89	7		67	125	20
	Methylene Chloride	20	17.4	ug/L	87	3		72	114	20
	trans-1,2-Dichloroethene	20	18.3	ug/L	92	3		75	108	16
	Vinyl Acetate	100	91.7	ug/L	92	3		76	115	26
	1,1-Dichloroethane	20	18.1	ug/L	91	2		78	112	20
	Cyclohexane	20	18.7	ug/L	94	1		75	110	20
	2-Butanone	100	87.9	ug/L	88	4		65	122	26
	Carbon Tetrachloride	20	18.4	ug/L	92	2		77	113	15
	2,2-Dichloropropane	20	18.4	ug/L	92	2		56	164	20
	cis-1,2-Dichloroethene	20	18.0	ug/L	90	5		77	110	20
	Bromochloromethane	20	18.7	ug/L	94	5		70	124	20
	Chloroform	20	18.1	ug/L	91	4		79	113	20
	1,1,1-Trichloroethane	20	18.5	ug/L	93	1		80	108	20
	Methylcyclohexane	20	19.7	ug/L	99	10		72	115	20
	1,1-Dichloropropene	20	19.3	ug/L	97	5		79	110	16
	Benzene	20	18.4	ug/L	92	1		82	109	15
	1,2-Dichloroethane	20	18.4	ug/L	92	1		80	115	20
	Trichloroethene	20	18.6	ug/L	93	0		77	113	15
	1,2-Dichloropropane	20	18.2	ug/L	91	4		83	111	16
	Dibromomethane	20	18.4	ug/L	92	1		82	110	20
	Bromodichloromethane	20	18.6	ug/L	93	0		83	110	16
	4-Methyl-2-Pentanone	100	93.2	ug/L	93	0		74	118	25
	Toluene	20	19.0	ug/L	95	1		82	110	16
	t-1,3-Dichloropropene	20	18.5	ug/L	93	0		79	110	20
	cis-1,3-Dichloropropene	20	18.8	ug/L	94	1		82	110	16
	1,1,2-Trichloroethane	20	18.7	ug/L	94	1		83	112	20
	1,3-Dichloropropane	20	18.9	ug/L	95	2		83	111	20
	2-Chloroethyl vinyl ether	100	100	ug/L	100	0		75	124	20
	2-Hexanone	100	91.7	ug/L	92	1		73	117	25
	Dibromochloromethane	20	18.7	ug/L	94	2		82	110	20
	1,2-Dibromoethane	20	19.2	ug/L	96	1		81	110	20
	Tetrachloroethene	20	19.8	ug/L	99	8		67	123	15
	Chlorobenzene	20	19.2	ug/L	96	5		82	109	15

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2987 **Analytical Method:** SW8260-Low

Client: Chemtech Consulting Group **Datafile :** VX047561.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0829WBSD01	1,1,1,2-Tetrachloroethane	20	18.8	ug/L	94	3		84	111	20
	Hexachloroethane	20	19.2	ug/L	96	16		80	113	20
	Ethyl Benzene	20	19.4	ug/L	97	5		83	109	16
	m/p-Xylenes	40	40.3	ug/L	101	7		82	110	15
	o-Xylene	20	19.8	ug/L	99	5		83	109	20
	Styrene	20	19.8	ug/L	99	3		80	111	17
	Bromoform	20	19.4	ug/L	97	5		79	109	20
	Isopropylbenzene	20	19.9	ug/L	100	13		83	112	29
	1,1,2,2-Tetrachloroethane	20	19.1	ug/L	96	12		76	118	20
	1,2,3-Trichloropropane	20	19.6	ug/L	98	11		75	112	20
	Bromobenzene	20	19.4	ug/L	97	9		77	116	20
	N-propylbenzene	20	19.8	ug/L	99	13		83	112	20
	2-Chlorotoluene	20	19.6	ug/L	98	11		83	110	20
	1,3,5-Trimethylbenzene	20	20.4	ug/L	102	13		85	112	20
	4-Chlorotoluene	20	19.7	ug/L	99	11		82	110	20
	tert-Butylbenzene	20	19.8	ug/L	99	12		83	112	20
	1,2,4-Trimethylbenzene	20	20.1	ug/L	101	13		85	111	20
	Sec-butylbenzene	20	20.4	ug/L	102	16		81	114	20
	p-Isopropyltoluene	20	20.3	ug/L	102	15		78	116	20
	1,3-Dichlorobenzene	20	19.7	ug/L	99	14		82	108	20
	1,4-Dichlorobenzene	20	19.5	ug/L	98	11		82	107	15
	n-Butylbenzene	20	20.4	ug/L	102	17		75	115	20
	1,2-Dichlorobenzene	20	19.2	ug/L	96	11		82	109	20
	1,2-Dibromo-3-Chloropropane	20	18.5	ug/L	93	16		68	112	20
	1,2,4-Trichlorobenzene	20	20.1	ug/L	101	16		75	113	29
	Hexachlorobutadiene	20	20.5	ug/L	103	23	*	81	121	20
	Naphthalene	20	19.6	ug/L	98	14		78	119	20
	1,2,3-Trichlorobenzene	20	20.1	ug/L	101	16		76	114	29

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VOLATILE METHOD BLANK SUMMARY

Client ID: VX0829WBL01

Lab Name: Alliance Contract: CHEM02

Lab Code: ACE SDG NO.: Q2987

Lab File ID: VX047559.D Lab Sample ID: VX0829WBL01

Date Analyzed: 08/29/2025 Time Analyzed: 10:35

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
VX0829WBS01	VX0829WBS01	VX047560.D	08/29/2025
VX0829WBSD01	VX0829WBSD01	VX047561.D	08/29/2025
STORAGE-BLANK-SAMPLE-MANAGEMENT	Q2987-01	VX047565.D	08/29/2025
STORAGE-BLANK-WATER-REF-5	Q2987-02	VX047566.D	08/29/2025
STORAGE-BLANK-WATER-REF-4	Q2987-03	VX047567.D	08/29/2025
STORAGE-BLANK-SAMPLE-MANAGEMENT	Q2987-04	VX047568.D	08/29/2025

COMMENTS:

Raw Data: **VX047541.D**

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: CHEM02
Lab Code: ACE
SDG NO.: Q2987
Lab File ID: VX047541.D
BFB Injection Date: 08/28/2025
Instrument ID: MSVOA_X
BFB Injection Time: 09:11
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	18.9
75	30.0 - 60.0% of mass 95	51.8
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	0.2 (0.3) 1
174	50.0 - 100.0% of mass 95	74.3
175	5.0 - 9.0% of mass 174	5.5 (7.4) 1
176	95.0 - 101.0% of mass 174	72 (97) 1
177	5.0 - 9.0% of mass 176	4.8 (6.6) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC001	VSTDICC001	VX047548.D	08/28/2025	14:07
VSTDICC005	VSTDICC005	VX047549.D	08/28/2025	15:11
VSTDICC020	VSTDICC020	VX047550.D	08/28/2025	15:32
VSTDICCC050	VSTDICCC050	VX047551.D	08/28/2025	15:53
VSTDICC100	VSTDICC100	VX047552.D	08/28/2025	16:14
VSTDICC150	VSTDICC150	VX047553.D	08/28/2025	16:35

Raw Data: **VX047556.D**

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: CHEM02
Lab Code: ACE
SDG NO.: Q2987
Lab File ID: VX047556.D
BFB Injection Date: 08/29/2025
Instrument ID: MSVOA_X
BFB Injection Time: 08:45
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	18.7
75	30.0 - 60.0% of mass 95	51.3
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	0.7 (1) 1
174	50.0 - 100.0% of mass 95	76.5
175	5.0 - 9.0% of mass 174	5.6 (7.3) 1
176	95.0 - 101.0% of mass 174	73 (95.5) 1
177	5.0 - 9.0% of mass 176	4.8 (6.6) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VX047557.D	08/29/2025	09:48
VX0829WBL01	VX0829WBL01	VX047559.D	08/29/2025	10:35
VX0829WBS01	VX0829WBS01	VX047560.D	08/29/2025	11:02
VX0829WBSD01	VX0829WBSD01	VX047561.D	08/29/2025	11:29
STORAGE-BLANK-SAMPLE-MANAGEMENT	Q2987-01	VX047565.D	08/29/2025	13:03
STORAGE-BLANK-WATER-REF-5	Q2987-02	VX047566.D	08/29/2025	13:24
STORAGE-BLANK-WATER-REF-4	Q2987-03	VX047567.D	08/29/2025	13:45
STORAGE-BLANK-SAMPLE-MANAGEMENT	Q2987-04	VX047568.D	08/29/2025	14:06

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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.: Q2987

Lab File ID: VX047557.D Date Analyzed: 08/29/2025

Instrument ID: MSVOA_X Time Analyzed: 09:48

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	231227	5.56	396428	6.76	357667	10.05
UPPER LIMIT	462454	6.056	792856	7.263	715334	10.549
LOWER LIMIT	115614	5.056	198214	6.263	178834	9.549
EPA SAMPLE NO.						
STORAGE-BLANK-SAMPLE-MANAGEMEN	252662	5.57	514384	6.77	529494	10.06
STORAGE-BLANK-WATER-REF-5	194659	5.57	390750	6.77	397369	10.06
STORAGE-BLANK-WATER-REF-4	190860	5.56	383134	6.77	384488	10.06
STORAGE-BLANK-SAMPLE-MANAGEMEN	187608	5.57	380427	6.77	383453	10.06
VX0829WBL01	198657	5.57	399327	6.77	410444	10.06
VX0829WBS01	237474	5.56	427469	6.76	402993	10.06
VX0829WBSD01	238310	5.56	414972	6.76	372504	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.: Q2987

Lab File ID: VX047557.D Date Analyzed: 08/29/2025

Instrument ID: MSVOA_X Time Analyzed: 09:48

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

	IS4 AREA #	RT #				
12 HOUR STD	172889	12.018				
UPPER LIMIT	345778	12.518				
LOWER LIMIT	86444.5	11.518				
EPA SAMPLE NO.						
STORAGE-BLANK-SAMPLE-MANAGEMR	281595	12.02				
STORAGE-BLANK-WATER-REF-5	200391	12.02				
STORAGE-BLANK-WATER-REF-4	184482	12.02				
STORAGE-BLANK-SAMPLE-MANAGEMR	196025	12.02				
VX0829WBL01	214482	12.02				
VX0829WBS01	210365	12.02				
VX0829WBSD01	184959	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: **VX047565.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:	08/22/25
Project:	Weekly Storage Blanks	Date Received:	08/29/25
Client Sample ID:	STORAGE-BLANK-SAMPLE-MANAGEMENT	SDG No.:	Q2987
Lab Sample ID:	Q2987-01	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
VX047565.D	1	08/29/25 13:03	VX082925

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: **VX047565.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:	08/22/25
Project:	Weekly Storage Blanks	Date Received:	08/29/25
Client Sample ID:	STORAGE-BLANK-SAMPLE-MANAGEMENT	SDG No.:	Q2987
Lab Sample ID:	Q2987-01	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
VX047565.D	1	08/29/25 13:03	VX082925

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: **VX047565.D**

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Fax : 908 789 8922

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	08/22/25
Project:	Weekly Storage Blanks	Date Received:	08/29/25
Client Sample ID:	STORAGE-BLANK-SAMPLE-MANAGEMENT	SDG No.:	Q2987
Lab Sample ID:	Q2987-01	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
VX047565.D	1	08/29/25 13:03	VX082925

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	59.0		74 - 125	118%	SPK: 50
1868-53-7	Dibromofluoromethane	51.6		75 - 124	103%	SPK: 50
2037-26-5	Toluene-d8	51.8		86 - 113	104%	SPK: 50
460-00-4	4-Bromofluorobenzene	59.7		77 - 121	119%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	253000	5.568			
540-36-3	1,4-Difluorobenzene	514000	6.769			
3114-55-4	Chlorobenzene-d5	529000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	282000	12.018			

Raw Data: **VX047565.D**

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Fax : 908 789 8922

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	08/22/25
Project:	Weekly Storage Blanks	Date Received:	08/29/25
Client Sample ID:	STORAGE-BLANK-SAMPLE-MANAGEMENT	SDG No.:	Q2987
Lab Sample ID:	Q2987-01	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
VX047565.D	1	08/29/25 13:03	VX082925

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\VX082925\
Data File : VX047565.D
Acq On : 29 Aug 2025 13:03
Operator : JC/MD
Sample : Q2987-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Aug 29 23:54:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 29 02:31:18 2025
Response via : Initial Calibration

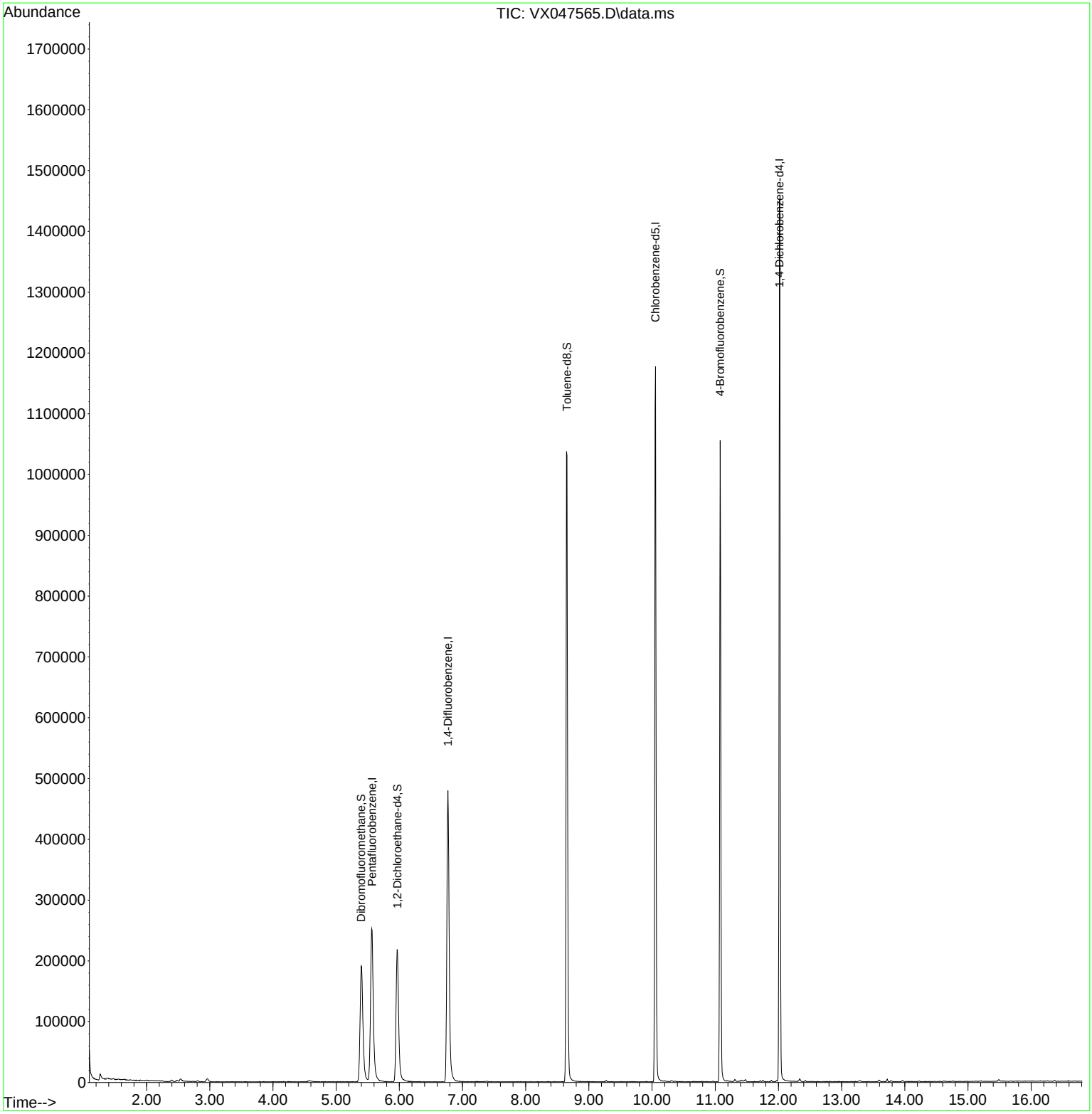
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.568	168	252662	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	514384	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	529494	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	281595	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.971	65	228959	59.010	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 118.020%#			
35) Dibromofluoromethane	5.397	113	182234	51.618	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.240%			
50) Toluene-d8	8.653	98	640850	51.787	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.580%			
62) 4-Bromofluorobenzene	11.079	95	277376	59.665	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 119.340%			
Target Compounds						Qvalue

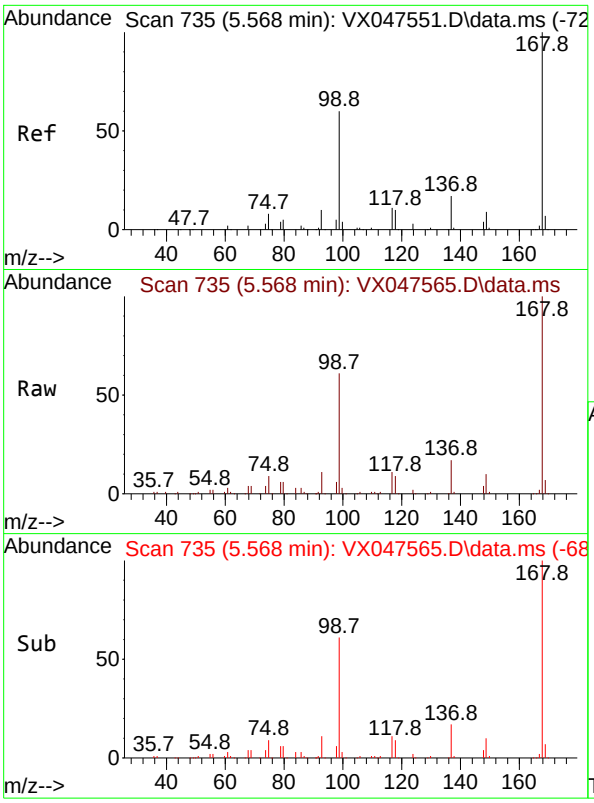
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082925\
Data File : VX047565.D
Acq On : 29 Aug 2025 13:03
Operator : JC/MD
Sample : Q2987-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Aug 29 23:54:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 29 02:31:18 2025
Response via : Initial Calibration



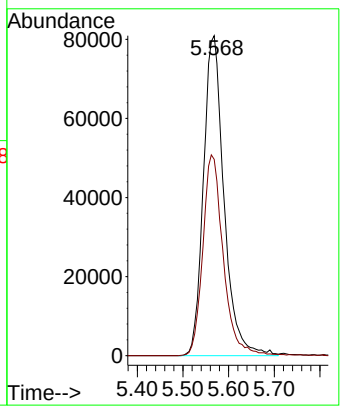


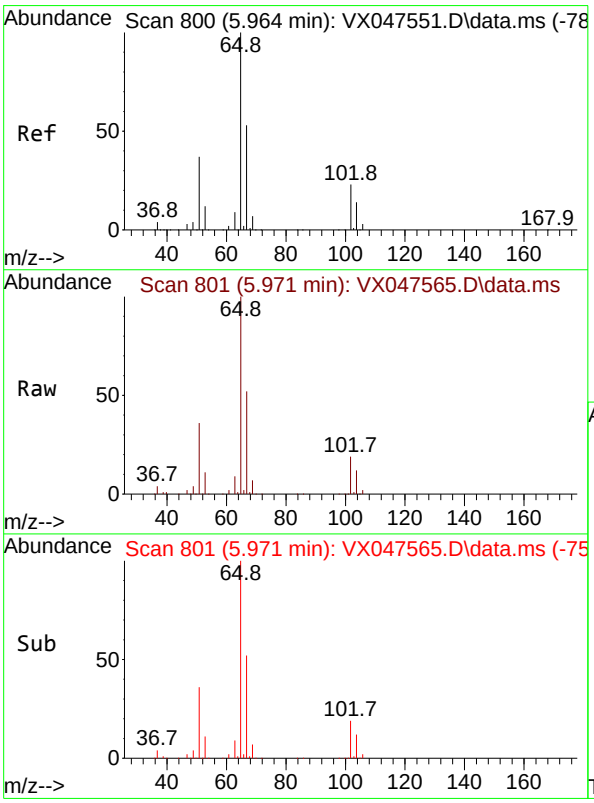
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX047565.D
Acq: 29 Aug 2025 13:03

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

Tgt Ion:168 Resp: 252662

Ion	Ratio	Lower	Upper
168	100		
99	61.3	48.9	73.3

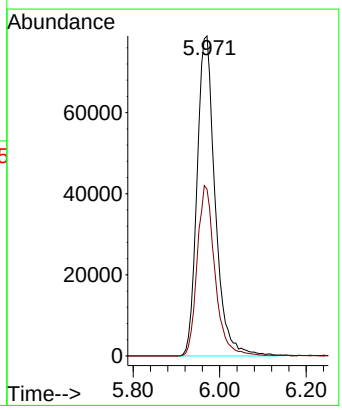


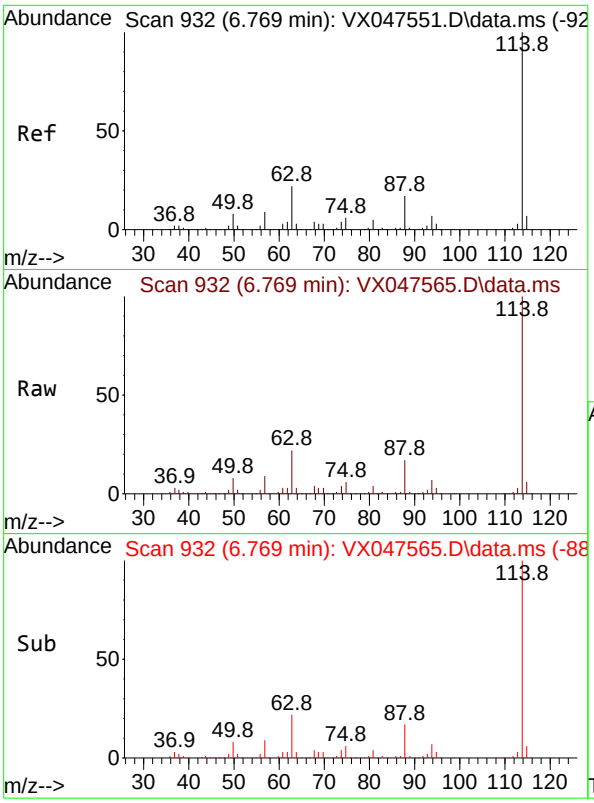


#33
1,2-Dichloroethane-d4
Concen: 59.010 ug/l
RT: 5.971 min Scan# 801
Delta R.T. 0.006 min
Lab File: VX047565.D
Acq: 29 Aug 2025 13:03

Tgt Ion: 65 Resp: 228959

Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	104.8



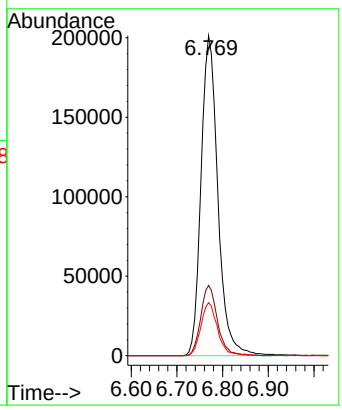


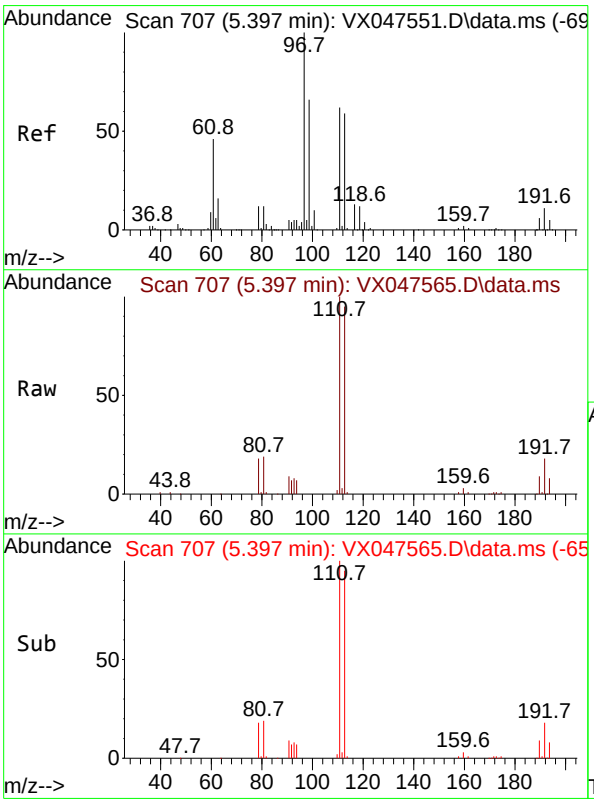
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX047565.D
Acq: 29 Aug 2025 13:03

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

Tgt Ion:114 Resp: 514384

Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	43.6
88	16.5	0.0	33.2

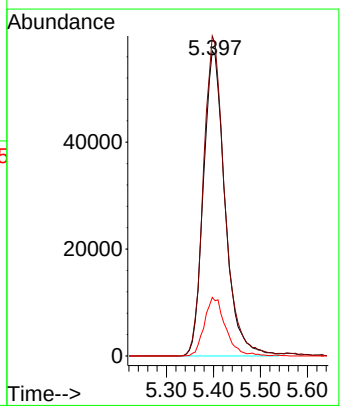


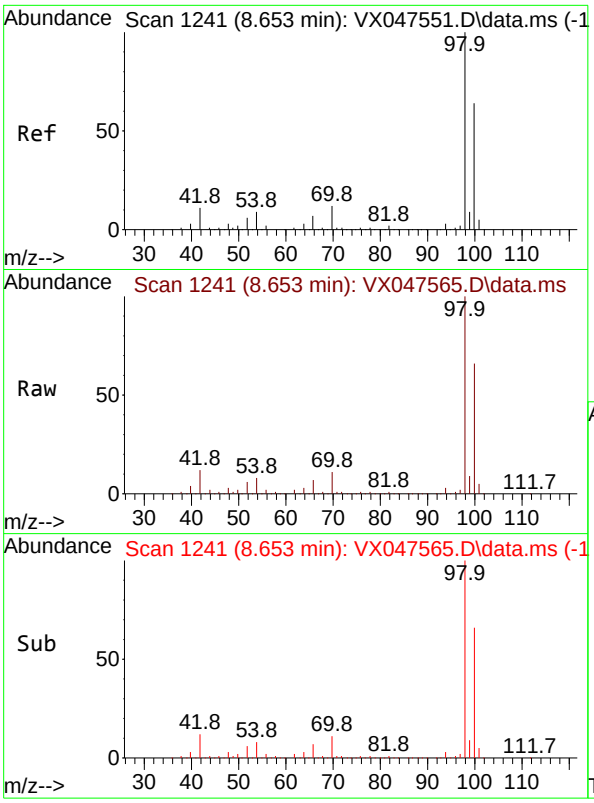


#35
Dibromofluoromethane
Concen: 51.618 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX047565.D
Acq: 29 Aug 2025 13:03

Tgt Ion:113 Resp: 182234

Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.2	121.8
192	18.9	14.2	21.4



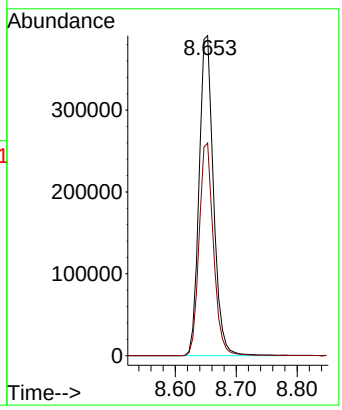


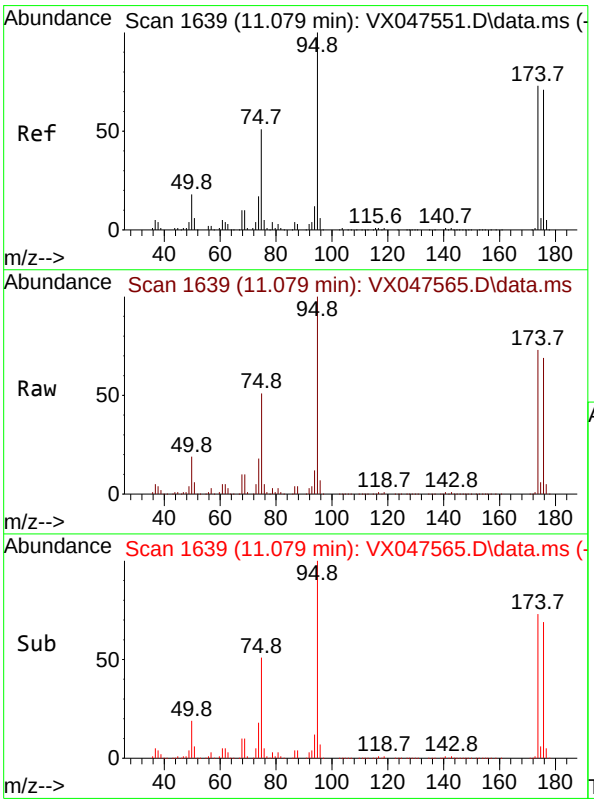
#50
Toluene-d8
Concen: 51.787 ug/l
RT: 8.653 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047565.D
Acq: 29 Aug 2025 13:03

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

Tgt Ion: 98 Resp: 640850

Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.5	80.3

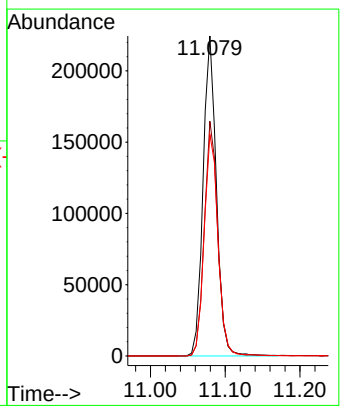


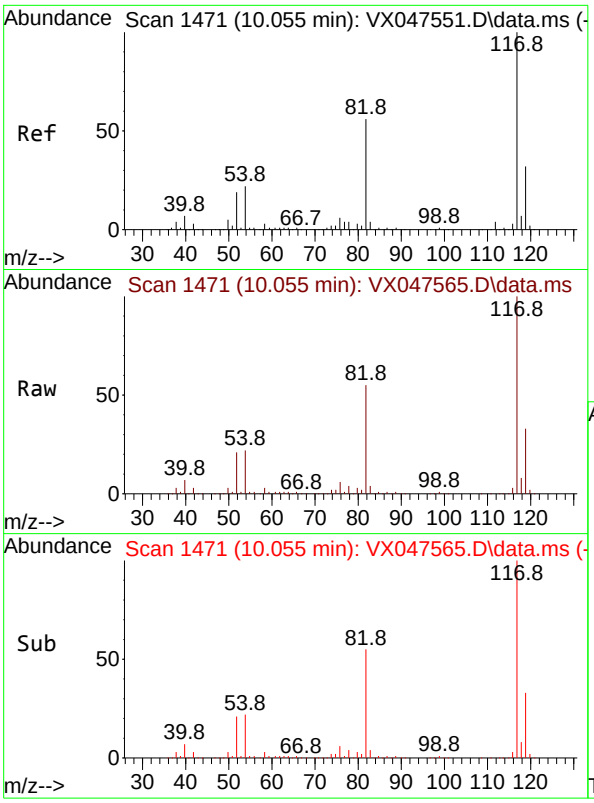


#62
4-Bromofluorobenzene
Concen: 59.665 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX047565.D
Acq: 29 Aug 2025 13:03

Tgt Ion: 95 Resp: 277376

Ion	Ratio	Lower	Upper
95	100		
174	74.2	0.0	145.2
176	72.0	0.0	140.4



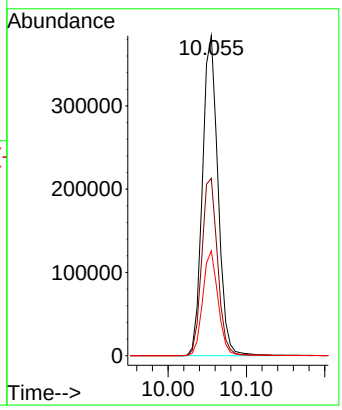


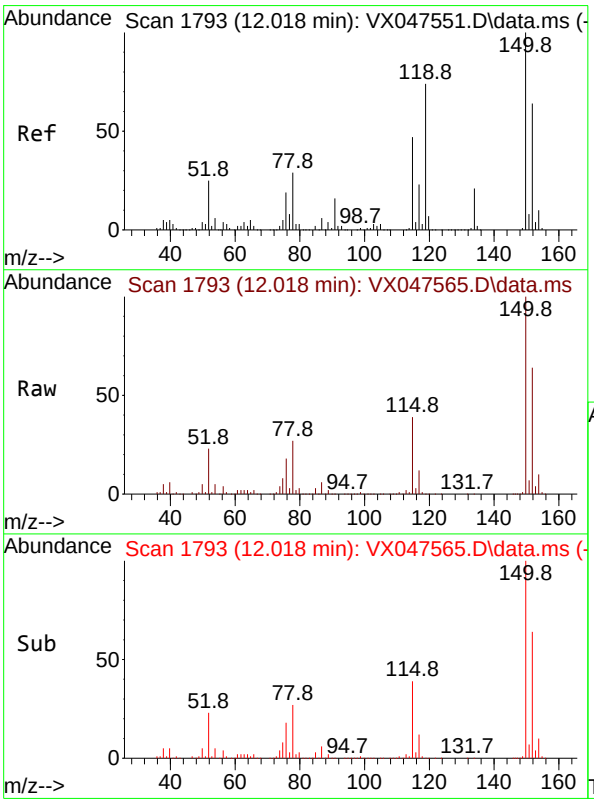
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047565.D
Acq: 29 Aug 2025 13:03

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

Tgt Ion:117 Resp: 529494

Ion	Ratio	Lower	Upper
117	100		
82	55.4	44.6	66.8
119	32.7	25.7	38.5

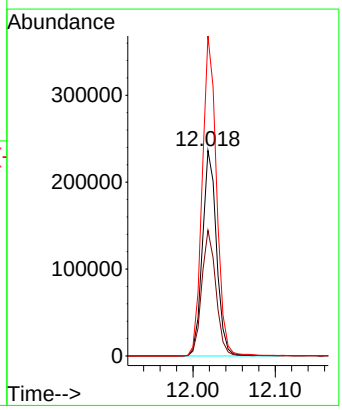




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX047565.D
Acq: 29 Aug 2025 13:03

Tgt Ion:152 Resp: 281595

Ion	Ratio	Lower	Upper
152	100		
115	61.8	42.9	128.5
150	158.0	0.0	351.0



Raw Data: **VX047566.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:	08/22/25
Project:	Weekly Storage Blanks	Date Received:	08/29/25
Client Sample ID:	STORAGE-BLANK-WATER-REF-5	SDG No.:	Q2987
Lab Sample ID:	Q2987-02	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
VX047566.D	1	08/29/25 13:24	VX082925

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: **VX047566.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:	08/22/25
Project:	Weekly Storage Blanks	Date Received:	08/29/25
Client Sample ID:	STORAGE-BLANK-WATER-REF-5	SDG No.:	Q2987
Lab Sample ID:	Q2987-02	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
VX047566.D	1	08/29/25 13:24	VX082925

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: **VX047566.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:	08/22/25
Project:	Weekly Storage Blanks	Date Received:	08/29/25
Client Sample ID:	STORAGE-BLANK-WATER-REF-5	SDG No.:	Q2987
Lab Sample ID:	Q2987-02	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
VX047566.D	1	08/29/25 13:24	VX082925

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	54.5		74 - 125	109%	SPK: 50
1868-53-7	Dibromofluoromethane	50.3		75 - 124	101%	SPK: 50
2037-26-5	Toluene-d8	51.4		86 - 113	103%	SPK: 50
460-00-4	4-Bromofluorobenzene	57.4		77 - 121	115%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	195000	5.568			
540-36-3	1,4-Difluorobenzene	391000	6.769			
3114-55-4	Chlorobenzene-d5	397000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	200000	12.018			

Raw Data: **VX047566.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:	08/22/25
Project:	Weekly Storage Blanks	Date Received:	08/29/25
Client Sample ID:	STORAGE-BLANK-WATER-REF-5	SDG No.:	Q2987
Lab Sample ID:	Q2987-02	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
VX047566.D	1	08/29/25 13:24	VX082925

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\VX082925\
Data File : VX047566.D
Acq On : 29 Aug 2025 13:24
Operator : JC/MD
Sample : Q2987-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Aug 29 23:54:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 29 02:31:18 2025
Response via : Initial Calibration

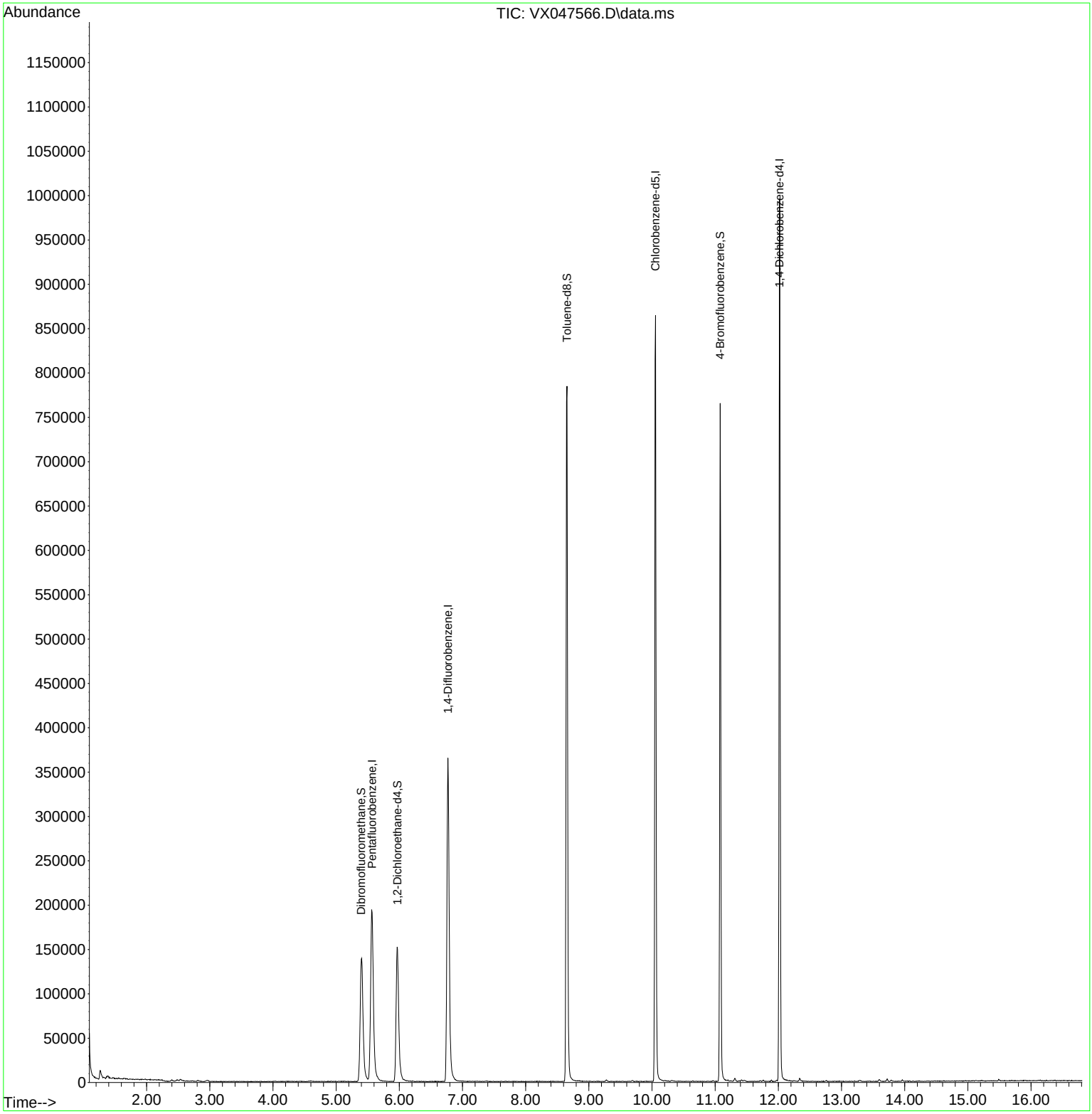
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.568	168	194659	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	390750	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	397369	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	200391	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.971	65	162922	54.502	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.000%			
35) Dibromofluoromethane	5.398	113	134869	50.289	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.580%			
50) Toluene-d8	8.653	98	483022	51.383	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.760%			
62) 4-Bromofluorobenzene	11.079	95	202701	57.398	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 114.800%			
Target Compounds						Qvalue

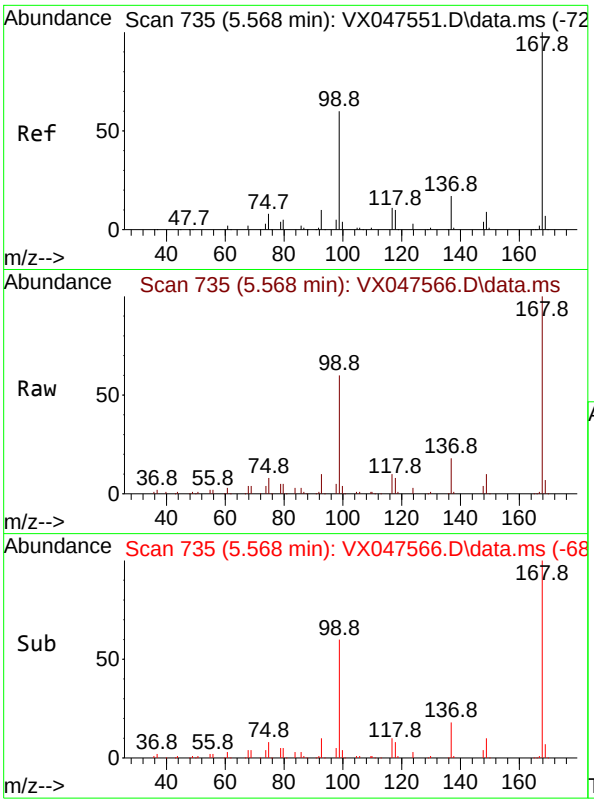
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082925\
Data File : VX047566.D
Acq On : 29 Aug 2025 13:24
Operator : JC/MD
Sample : Q2987-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Aug 29 23:54:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 29 02:31:18 2025
Response via : Initial Calibration



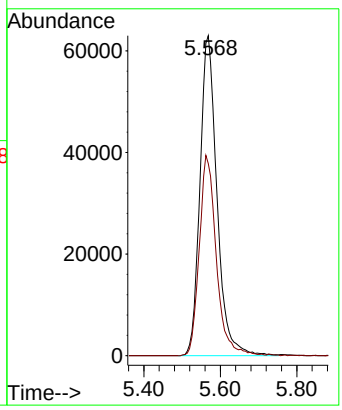


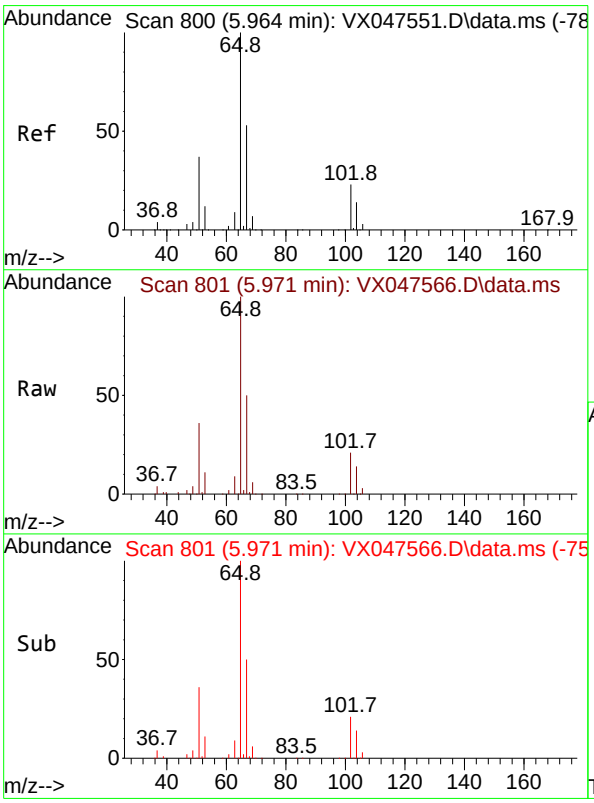
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX047566.D
Acq: 29 Aug 2025 13:24

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

Tgt Ion:168 Resp: 194659

Ion	Ratio	Lower	Upper
168	100		
99	60.1	48.9	73.3

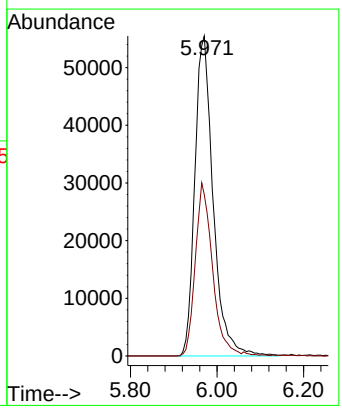


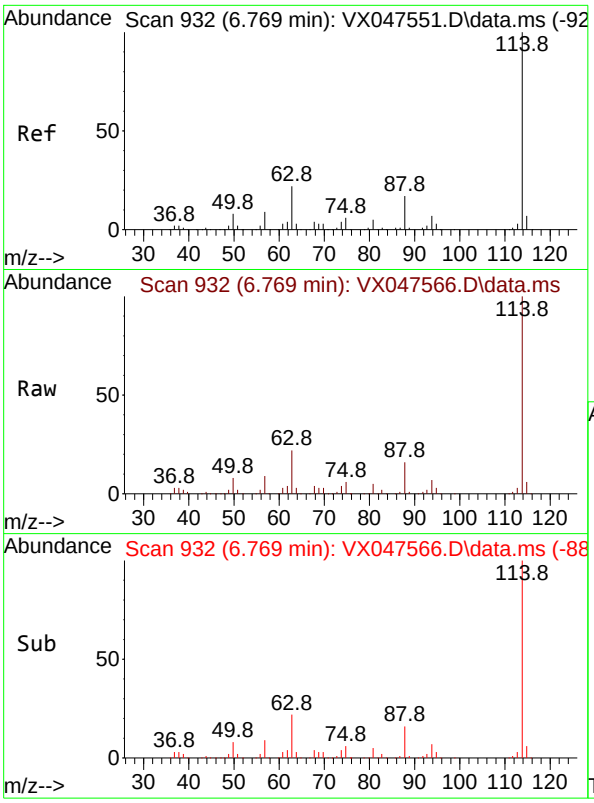


#33
1,2-Dichloroethane-d4
Concen: 54.502 ug/l
RT: 5.971 min Scan# 801
Delta R.T. 0.006 min
Lab File: VX047566.D
Acq: 29 Aug 2025 13:24

Tgt Ion: 65 Resp: 162922

Ion	Ratio	Lower	Upper
65	100		
67	50.6	0.0	104.8



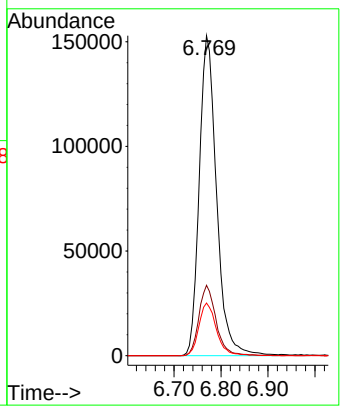


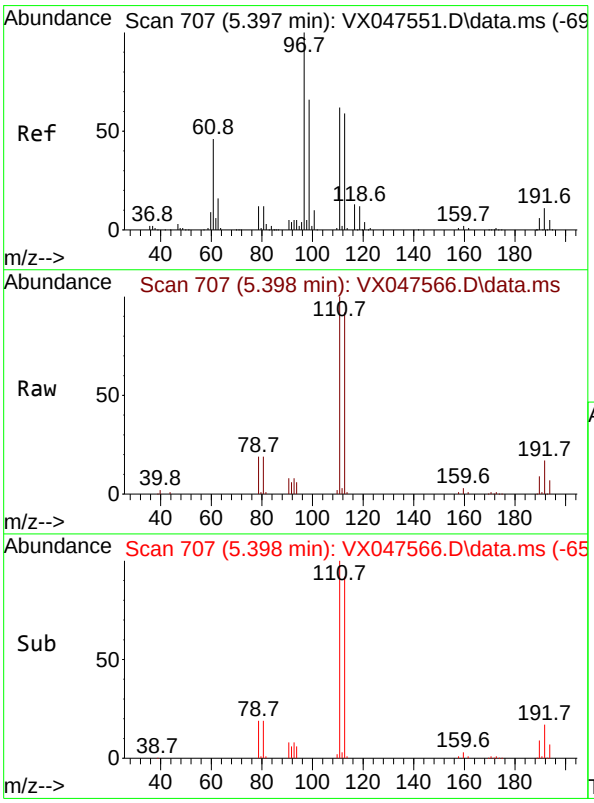
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX047566.D
Acq: 29 Aug 2025 13:24

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

Tgt Ion:114 Resp: 390750

Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	43.6
88	16.5	0.0	33.2

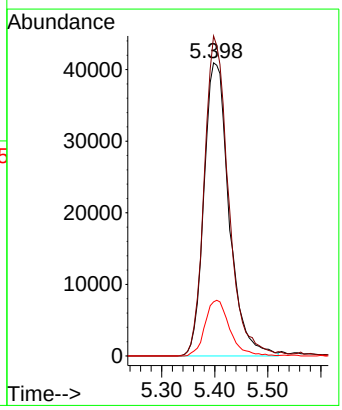


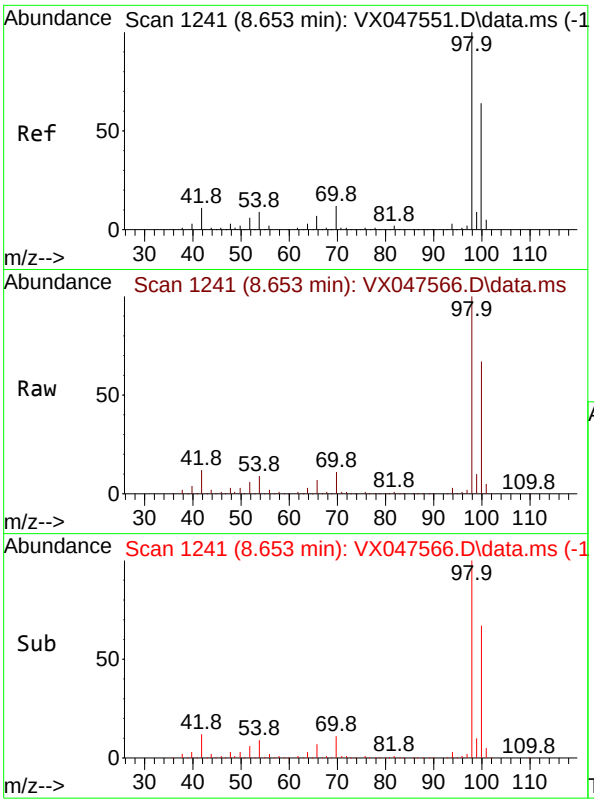


#35
Dibromofluoromethane
Concen: 50.289 ug/l
RT: 5.398 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047566.D
Acq: 29 Aug 2025 13:24

Tgt Ion:113 Resp: 134869

Ion	Ratio	Lower	Upper
113	100		
111	105.5	81.2	121.8
192	18.6	14.2	21.4



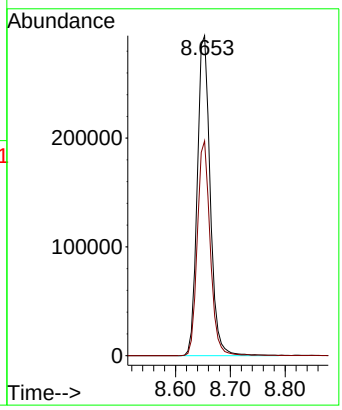


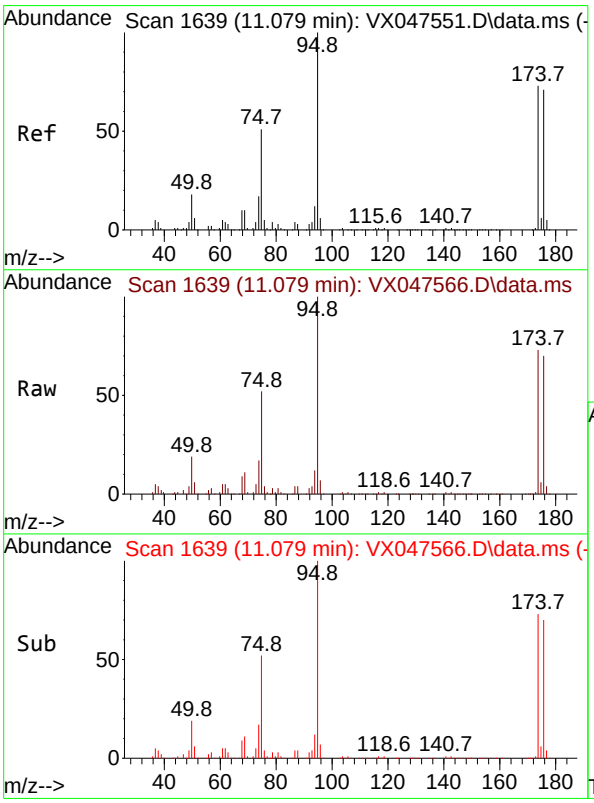
#50
Toluene-d8
Concen: 51.383 ug/l
RT: 8.653 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047566.D
Acq: 29 Aug 2025 13:24

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

Tgt Ion: 98 Resp: 483022

Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.5	80.3

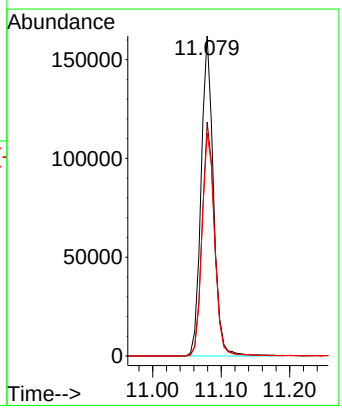


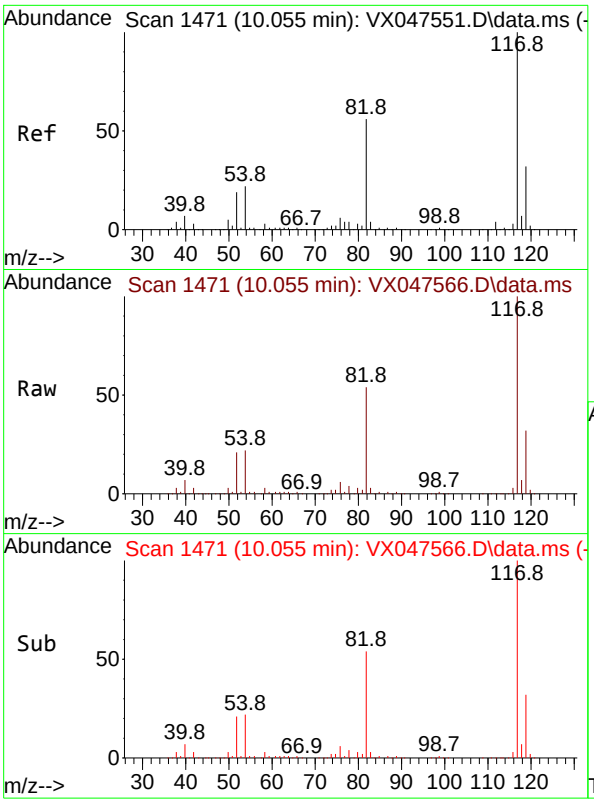


#62
4-Bromofluorobenzene
Concen: 57.398 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047566.D
Acq: 29 Aug 2025 13:24

Tgt Ion: 95 Resp: 202701

Ion	Ratio	Lower	Upper
95	100		
174	73.8	0.0	145.2
176	71.2	0.0	140.4



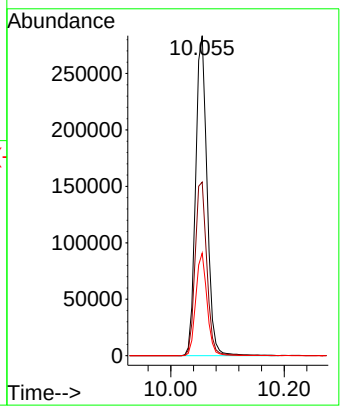


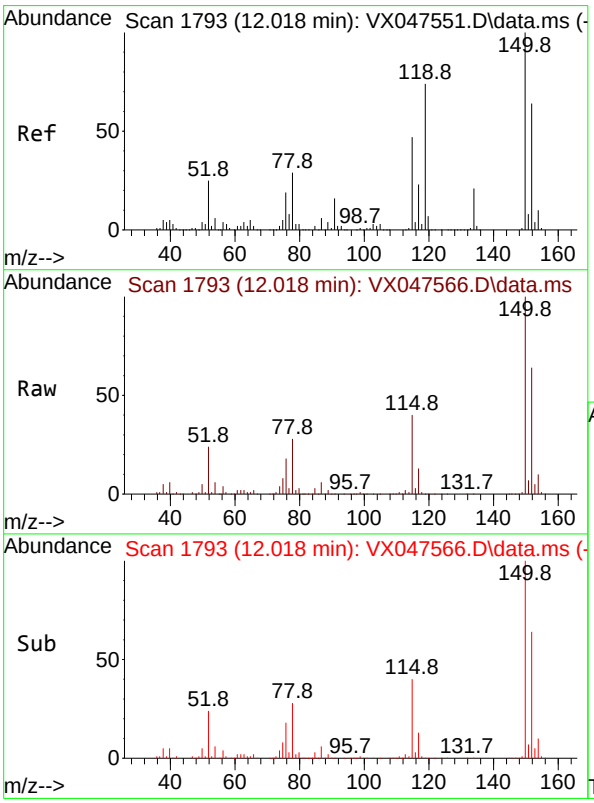
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047566.D
Acq: 29 Aug 2025 13:24

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

Tgt Ion:117 Resp: 397369

Ion	Ratio	Lower	Upper
117	100		
82	54.2	44.6	66.8
119	32.1	25.7	38.5

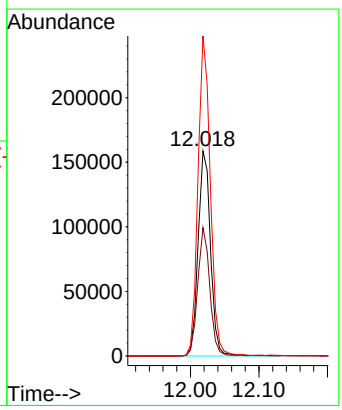




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047566.D
Acq: 29 Aug 2025 13:24

Tgt Ion:152 Resp: 200391

Ion	Ratio	Lower	Upper
152	100		
115	61.0	42.9	128.5
150	154.9	0.0	351.0



Raw Data: **VX047567.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:	08/22/25
Project:	Weekly Storage Blanks	Date Received:	08/29/25
Client Sample ID:	STORAGE-BLANK-WATER-REF-4	SDG No.:	Q2987
Lab Sample ID:	Q2987-03	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
VX047567.D	1	08/29/25 13:45	VX082925

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: **VX047567.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:	08/22/25
Project:	Weekly Storage Blanks	Date Received:	08/29/25
Client Sample ID:	STORAGE-BLANK-WATER-REF-4	SDG No.:	Q2987
Lab Sample ID:	Q2987-03	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
VX047567.D	1	08/29/25 13:45	VX082925

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: **VX047567.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:	08/22/25
Project:	Weekly Storage Blanks	Date Received:	08/29/25
Client Sample ID:	STORAGE-BLANK-WATER-REF-4	SDG No.:	Q2987
Lab Sample ID:	Q2987-03	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
VX047567.D	1	08/29/25 13:45	VX082925

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	53.9		74 - 125	108%	SPK: 50
1868-53-7	Dibromofluoromethane	51.2		75 - 124	102%	SPK: 50
2037-26-5	Toluene-d8	50.6		86 - 113	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	56.3		77 - 121	113%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	191000	5.562			
540-36-3	1,4-Difluorobenzene	383000	6.769			
3114-55-4	Chlorobenzene-d5	384000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	184000	12.018			

Raw Data: **VX047567.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:	08/22/25
Project:	Weekly Storage Blanks	Date Received:	08/29/25
Client Sample ID:	STORAGE-BLANK-WATER-REF-4	SDG No.:	Q2987
Lab Sample ID:	Q2987-03	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
VX047567.D	1	08/29/25 13:45	VX082925

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\VX082925\
Data File : VX047567.D
Acq On : 29 Aug 2025 13:45
Operator : JC/MD
Sample : Q2987-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Aug 29 23:55:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 29 02:31:18 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	190860	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	383134	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	384488	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	184482	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	157834	53.851	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.700%			
35) Dibromofluoromethane	5.397	113	134513	51.153	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.300%			
50) Toluene-d8	8.653	98	466749	50.639	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.280%			
62) 4-Bromofluorobenzene	11.079	95	194960	56.303	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 112.600%			
Target Compounds						Qvalue

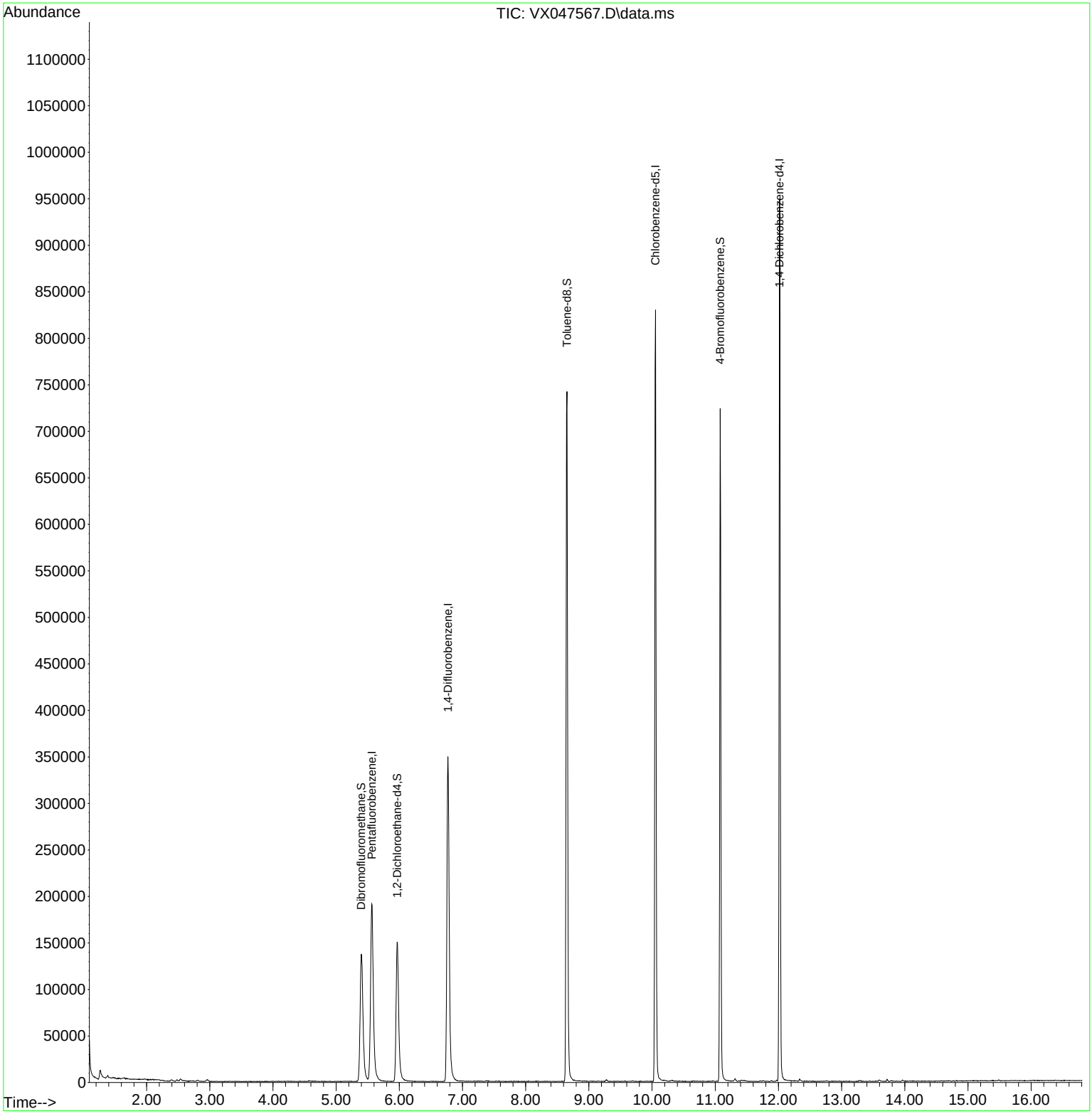
(#) = qualifier out of range (m) = manual integration (+) = signals summed

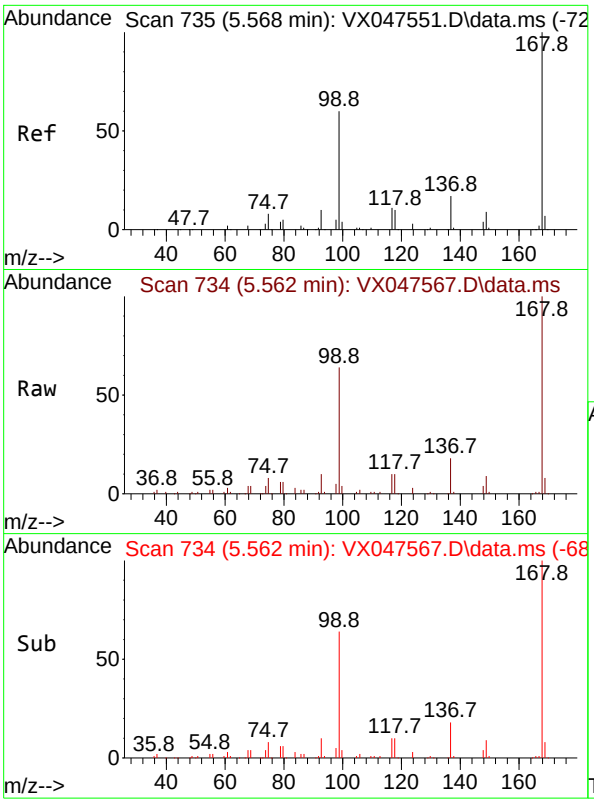
Sample Results: **VX047567.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082925\
Data File : VX047567.D
Acq On : 29 Aug 2025 13:45
Operator : JC/MD
Sample : Q2987-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Aug 29 23:55:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 29 02:31:18 2025
Response via : Initial Calibration



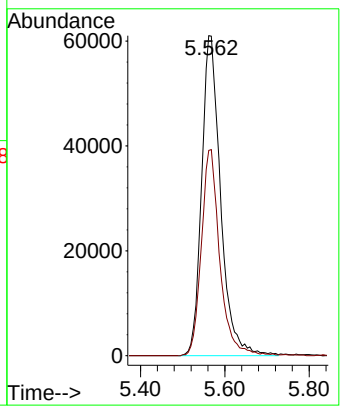


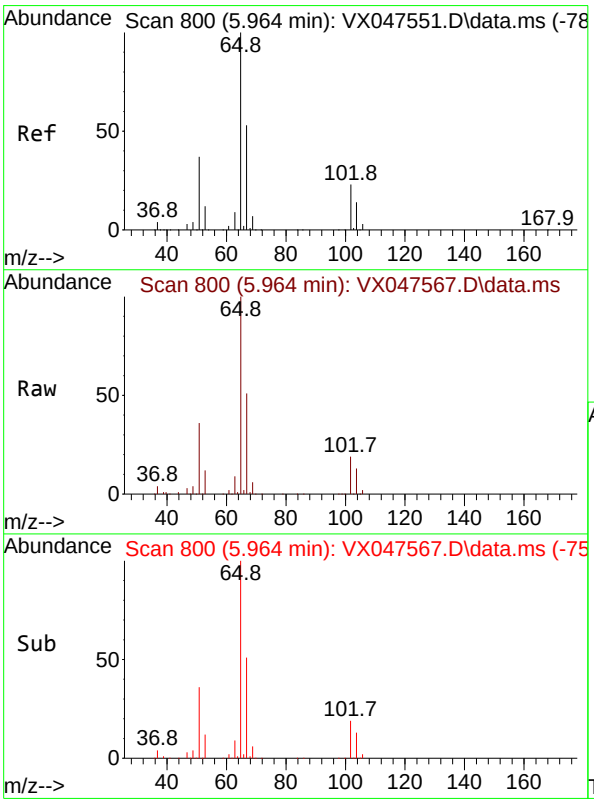
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047567.D
Acq: 29 Aug 2025 13:45

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

Tgt Ion:168 Resp: 190860

Ion	Ratio	Lower	Upper
168	100		
99	64.1	48.9	73.3

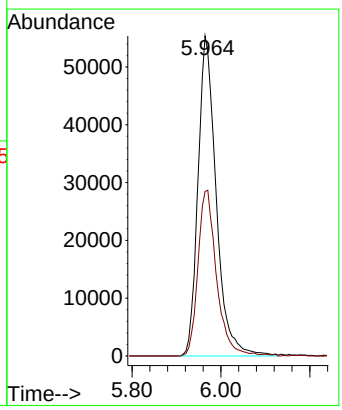


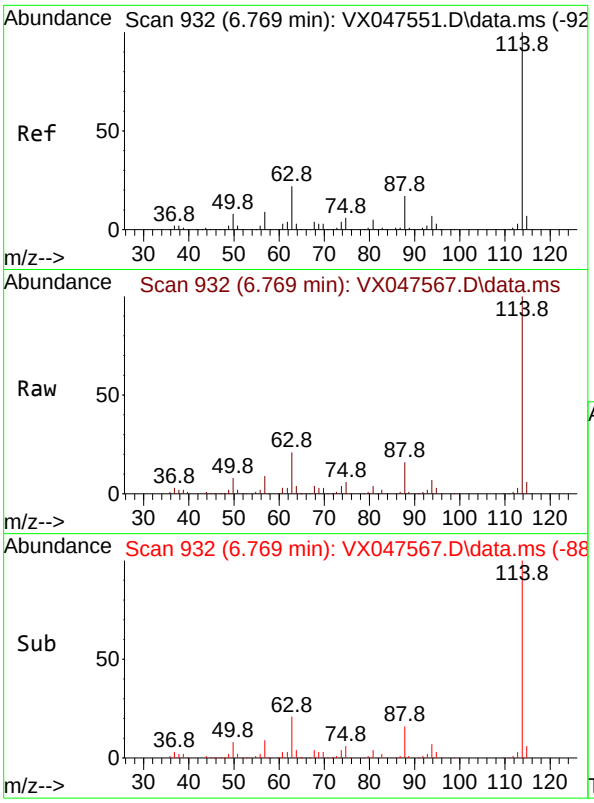


#33
1,2-Dichloroethane-d4
Concen: 53.851 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.000 min
Lab File: VX047567.D
Acq: 29 Aug 2025 13:45

Tgt Ion: 65 Resp: 157834

Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	104.8



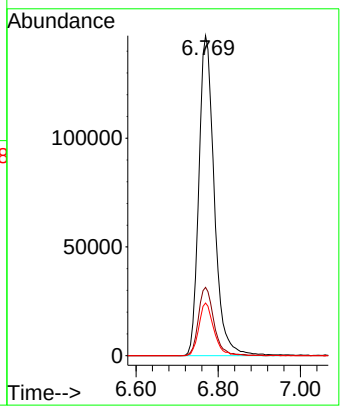


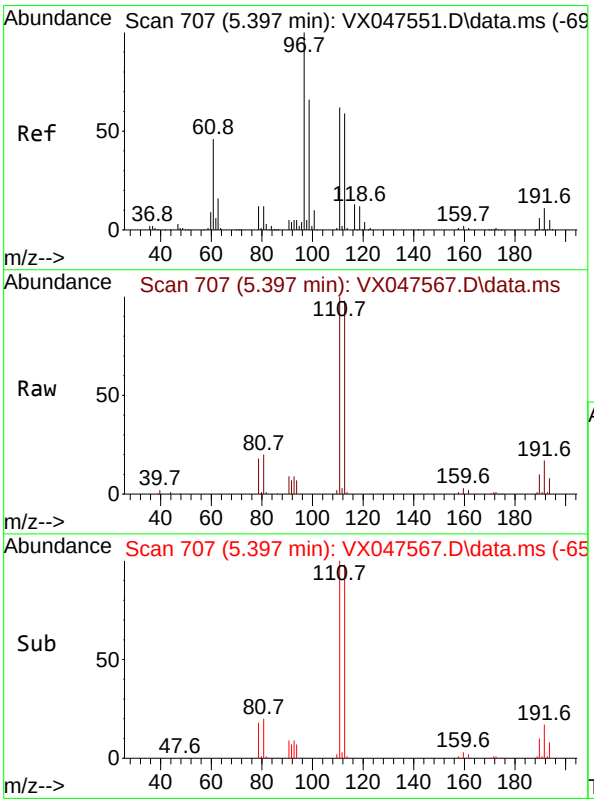
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX047567.D
Acq: 29 Aug 2025 13:45

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

Tgt Ion:114 Resp: 383134

Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	43.6
88	16.4	0.0	33.2

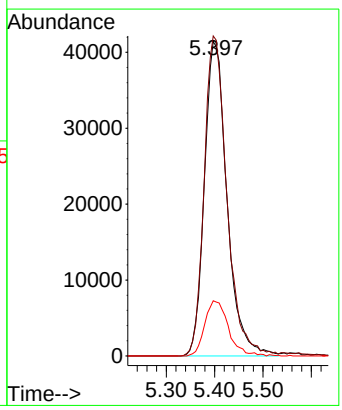


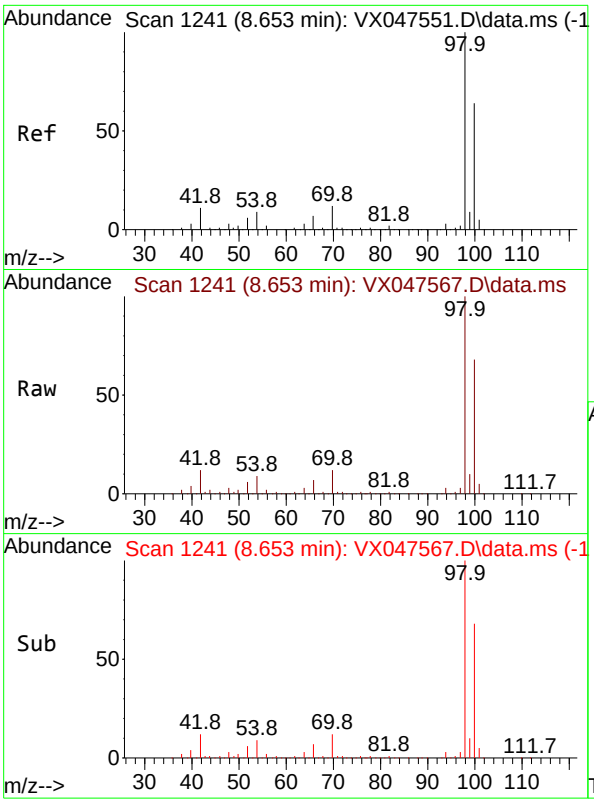


#35
Dibromofluoromethane
Concen: 51.153 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX047567.D
Acq: 29 Aug 2025 13:45

Tgt Ion:113 Resp: 134513

Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.2	121.8
192	18.3	14.2	21.4



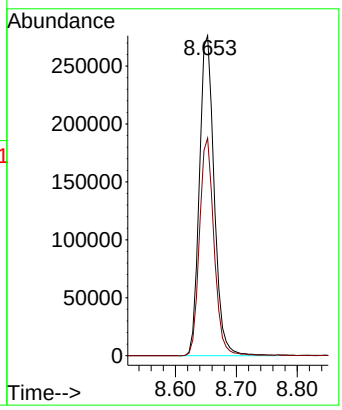


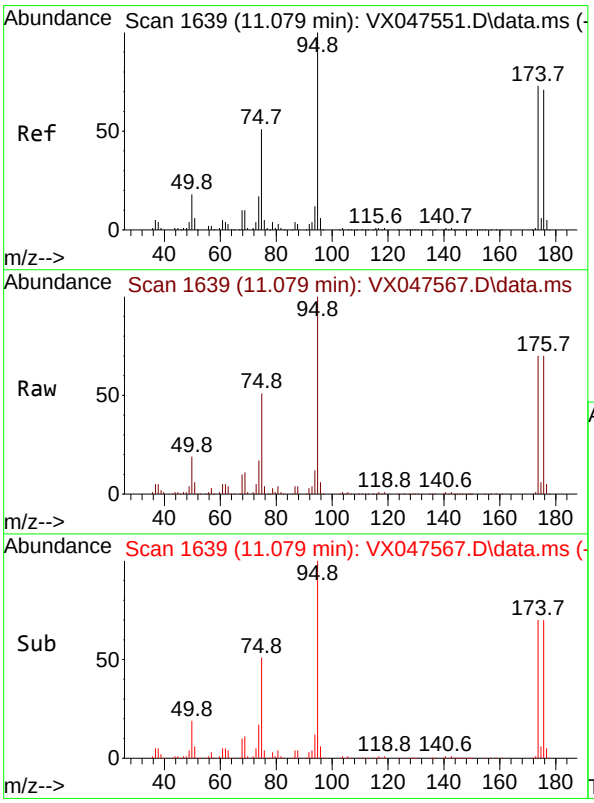
#50
Toluene-d8
Concen: 50.639 ug/l
RT: 8.653 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047567.D
Acq: 29 Aug 2025 13:45

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

Tgt Ion: 98 Resp: 466749

Ion	Ratio	Lower	Upper
98	100		
100	66.9	53.5	80.3

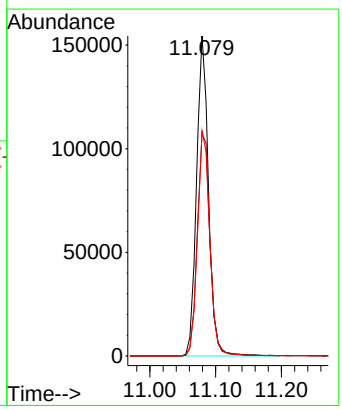


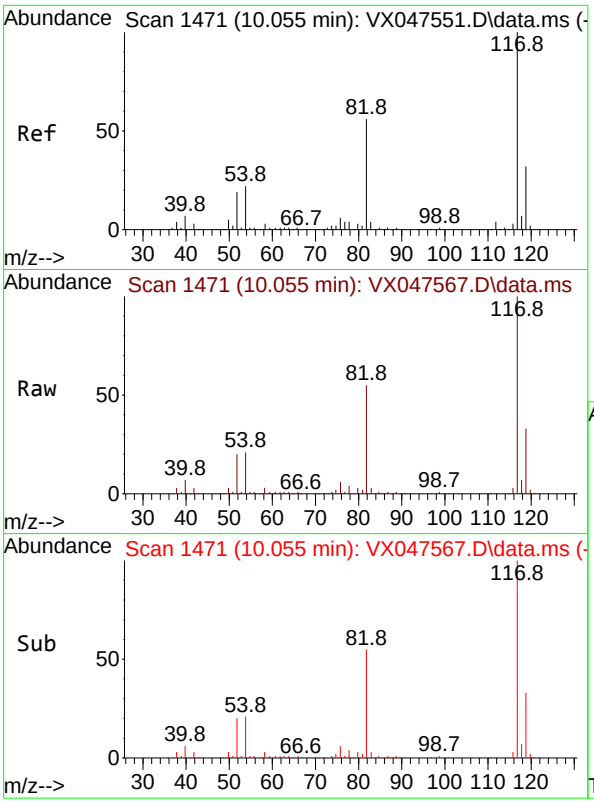


#62
4-Bromofluorobenzene
Concen: 56.303 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX047567.D
Acq: 29 Aug 2025 13:45

Tgt Ion: 95 Resp: 194960

Ion	Ratio	Lower	Upper
95	100		
174	73.9	0.0	145.2
176	72.3	0.0	140.4



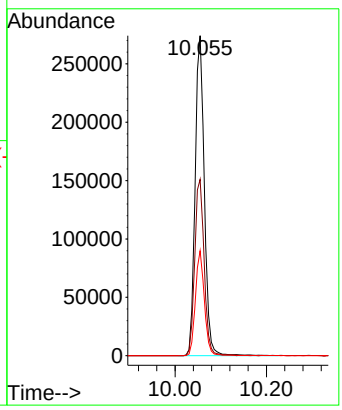


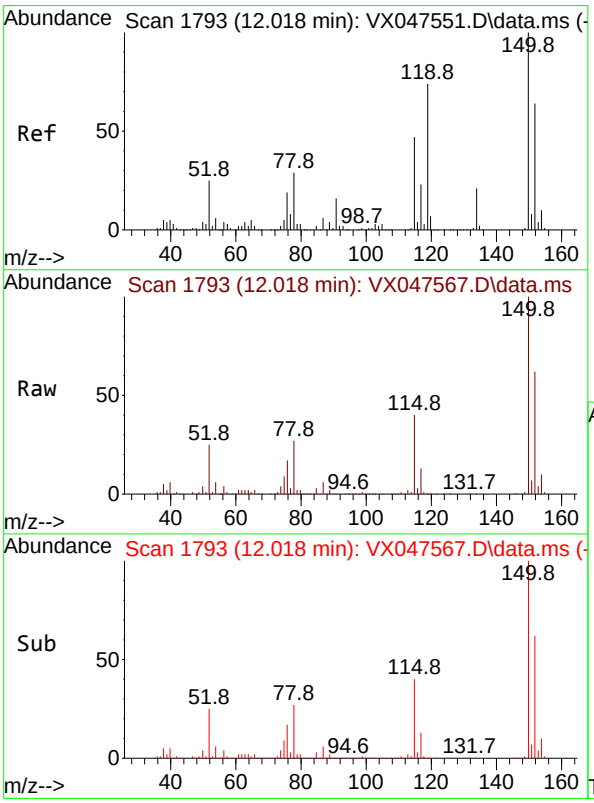
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047567.D
Acq: 29 Aug 2025 13:45

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

Tgt Ion:117 Resp: 384488

Ion	Ratio	Lower	Upper
117	100		
82	55.1	44.6	66.8
119	32.8	25.7	38.5

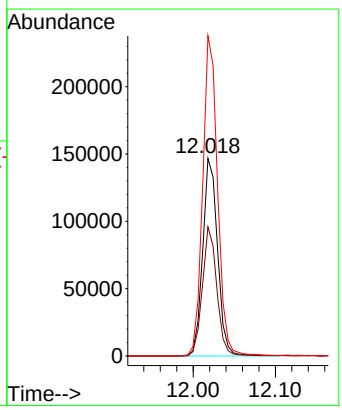




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX047567.D
Acq: 29 Aug 2025 13:45

Tgt Ion:152 Resp: 184482

Ion	Ratio	Lower	Upper
152	100		
115	63.4	42.9	128.5
150	162.0	0.0	351.0



Raw Data: **VX047568.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:	08/22/25
Project:	Weekly Storage Blanks	Date Received:	08/29/25
Client Sample ID:	STORAGE-BLANK-SAMPLE-MANAGEMENT	SDG No.:	Q2987
Lab Sample ID:	Q2987-04	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
VX047568.D	1	08/29/25 14:06	VX082925

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: **VX047568.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:	08/22/25
Project:	Weekly Storage Blanks	Date Received:	08/29/25
Client Sample ID:	STORAGE-BLANK-SAMPLE-MANAGEMENT	SDG No.:	Q2987
Lab Sample ID:	Q2987-04	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
VX047568.D	1	08/29/25 14:06	VX082925

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: **VX047568.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:	08/22/25
Project:	Weekly Storage Blanks	Date Received:	08/29/25
Client Sample ID:	STORAGE-BLANK-SAMPLE-MANAGEMENT	SDG No.:	Q2987
Lab Sample ID:	Q2987-04	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
VX047568.D	1	08/29/25 14:06	VX082925

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	55.6		74 - 125	111%	SPK: 50
1868-53-7	Dibromofluoromethane	51.5		75 - 124	103%	SPK: 50
2037-26-5	Toluene-d8	51.2		86 - 113	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	57.4		77 - 121	115%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	188000	5.568			
540-36-3	1,4-Difluorobenzene	380000	6.769			
3114-55-4	Chlorobenzene-d5	383000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	196000	12.018			

Raw Data: **VX047568.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:	08/22/25
Project:	Weekly Storage Blanks	Date Received:	08/29/25
Client Sample ID:	STORAGE-BLANK-SAMPLE-MANAGEMENT	SDG No.:	Q2987
Lab Sample ID:	Q2987-04	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
VX047568.D	1	08/29/25 14:06	VX082925

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\VX082925\
Data File : VX047568.D
Acq On : 29 Aug 2025 14:06
Operator : JC/MD
Sample : Q2987-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Aug 29 23:55:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 29 02:31:18 2025
Response via : Initial Calibration

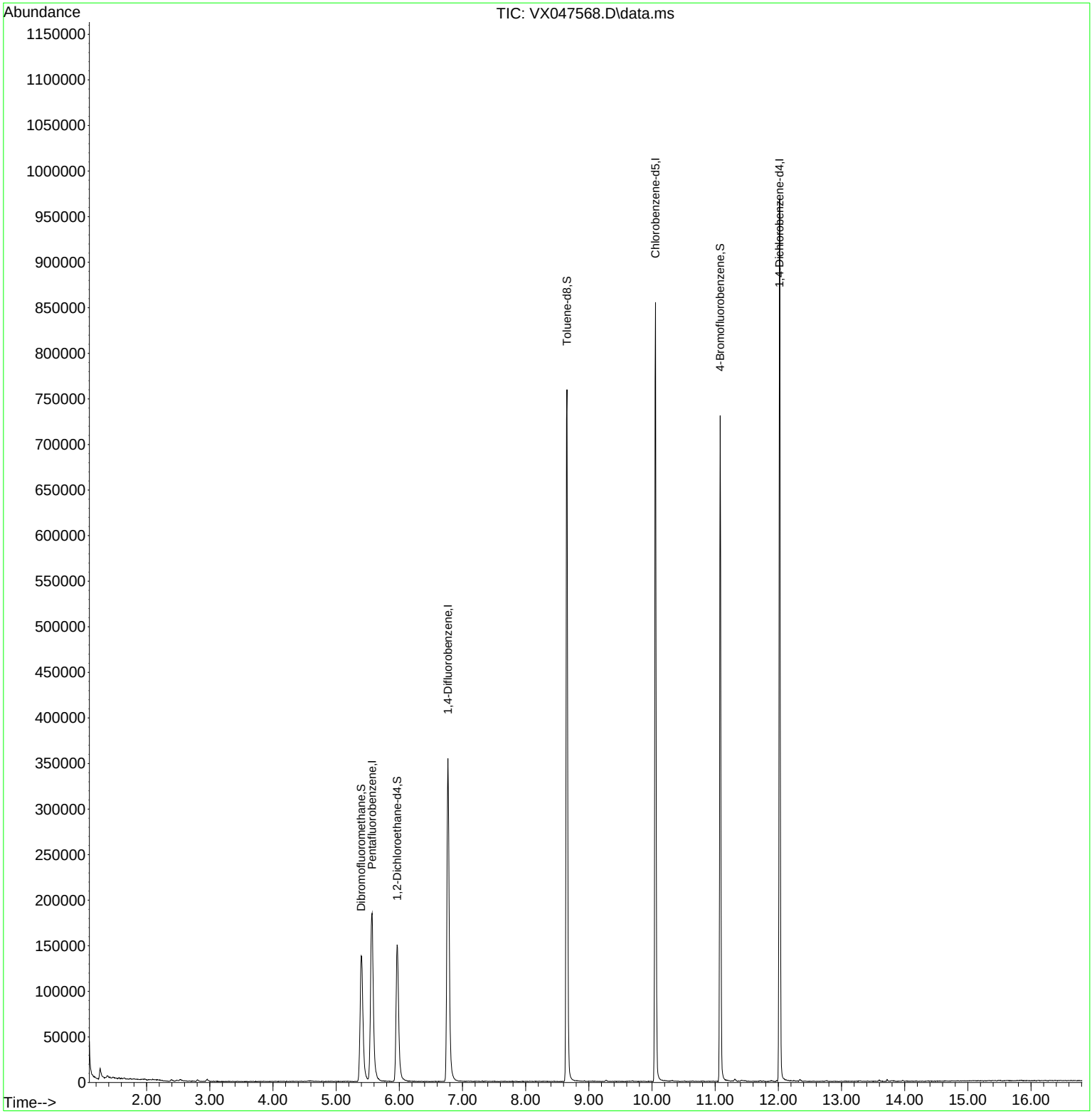
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.568	168	187608	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	380427	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	383453	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	196025	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	160171	55.596	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 111.200%			
35) Dibromofluoromethane	5.397	113	134511	51.516	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.040%			
50) Toluene-d8	8.653	98	468747	51.218	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.440%			
62) 4-Bromofluorobenzene	11.079	95	197473	57.435	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 114.860%			
Target Compounds						Qvalue

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

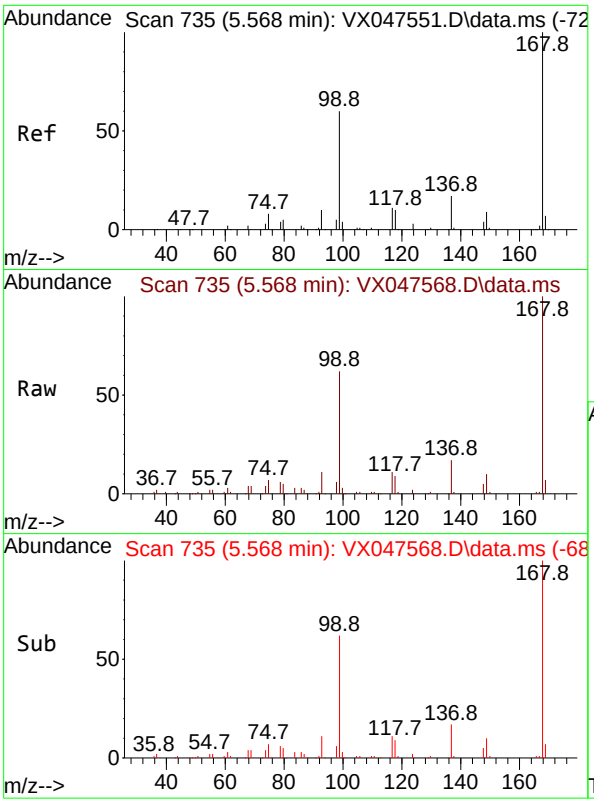
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082925\
Data File : VX047568.D
Acq On : 29 Aug 2025 14:06
Operator : JC/MD
Sample : Q2987-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Aug 29 23:55:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 29 02:31:18 2025
Response via : Initial Calibration



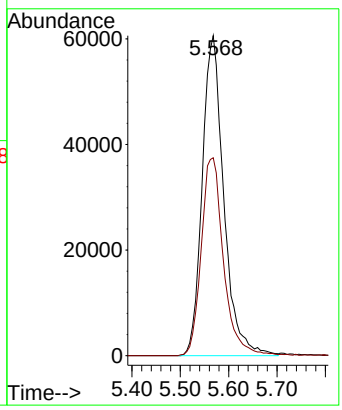
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGEMENT

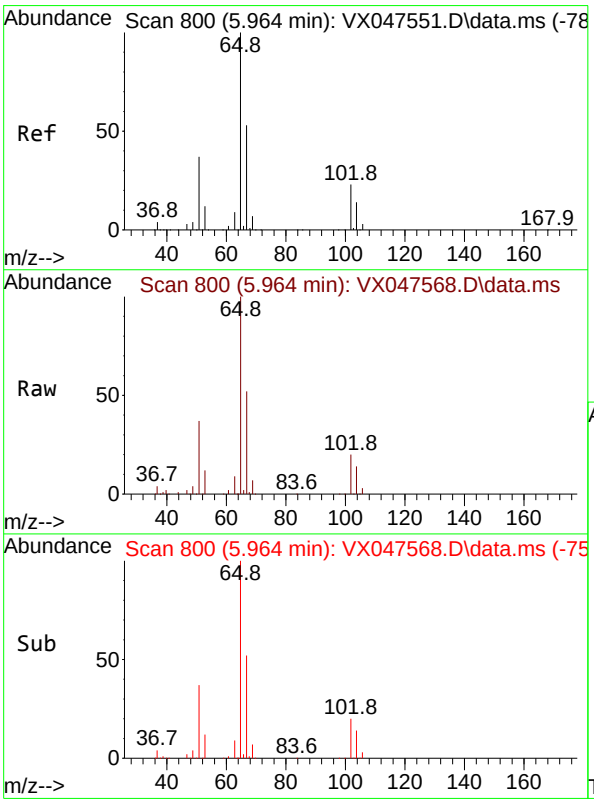


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX047568.D
Acq: 29 Aug 2025 14:06

Tgt Ion:168 Resp: 187608

Ion	Ratio	Lower	Upper
168	100		
99	61.9	48.9	73.3

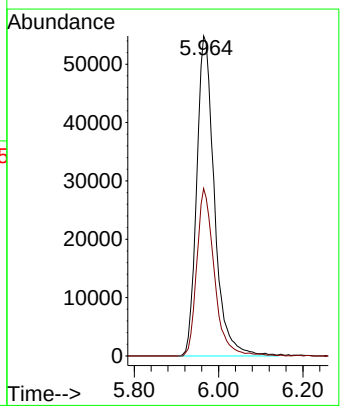


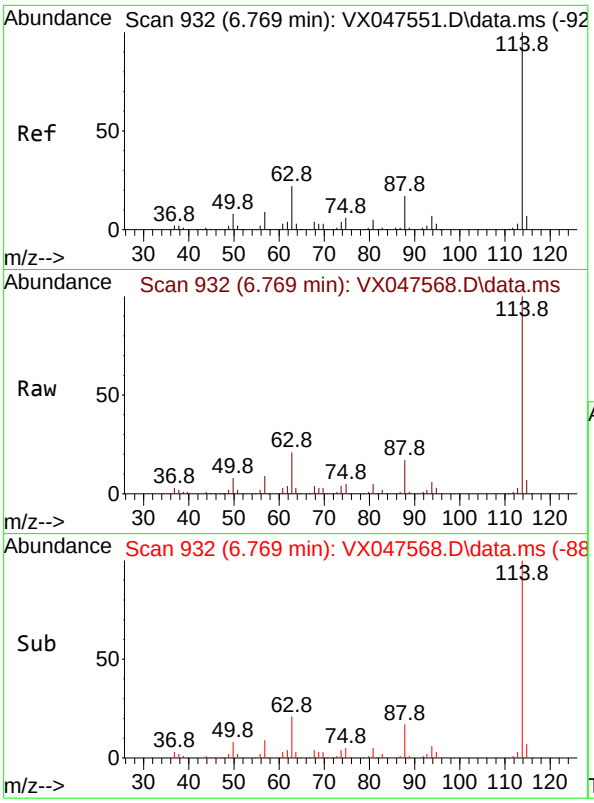


#33
1,2-Dichloroethane-d4
Concen: 55.596 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.000 min
Lab File: VX047568.D
Acq: 29 Aug 2025 14:06

Tgt Ion: 65 Resp: 160171

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	104.8



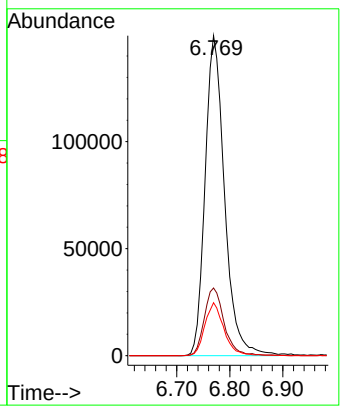


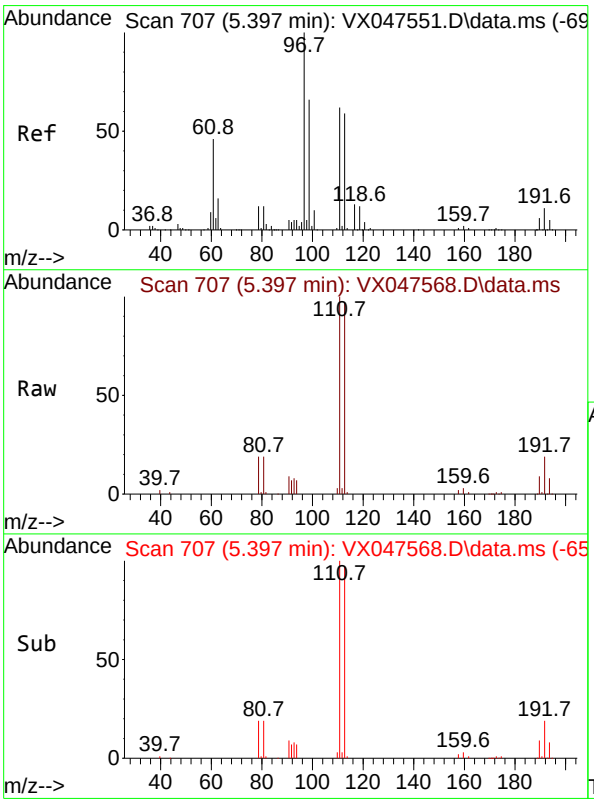
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX047568.D
Acq: 29 Aug 2025 14:06

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

Tgt Ion:114 Resp: 380427

Ion	Ratio	Lower	Upper
114	100		
63	24.0	0.0	43.6
88	16.6	0.0	33.2

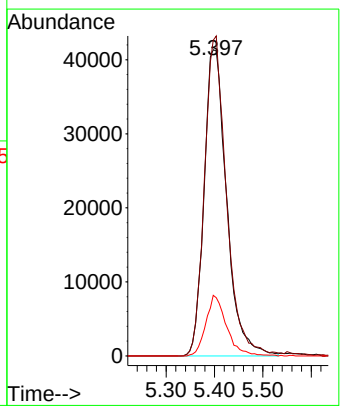


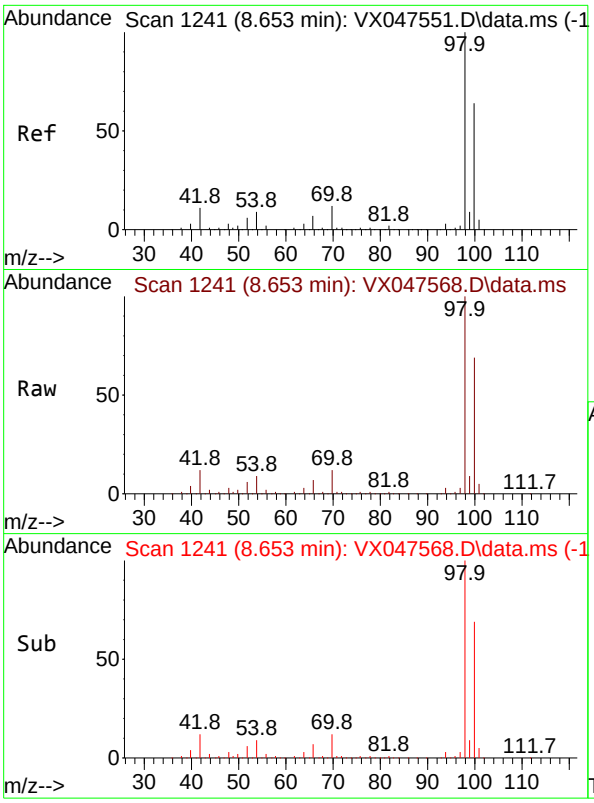


#35
Dibromofluoromethane
Concen: 51.516 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047568.D
Acq: 29 Aug 2025 14:06

Tgt Ion:113 Resp: 134511

Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.2	121.8
192	18.2	14.2	21.4



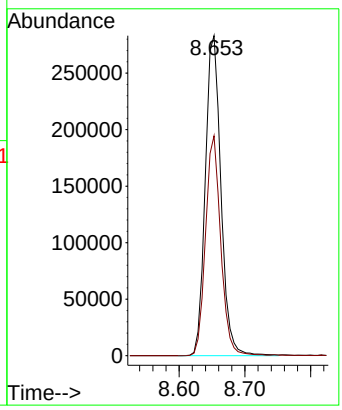


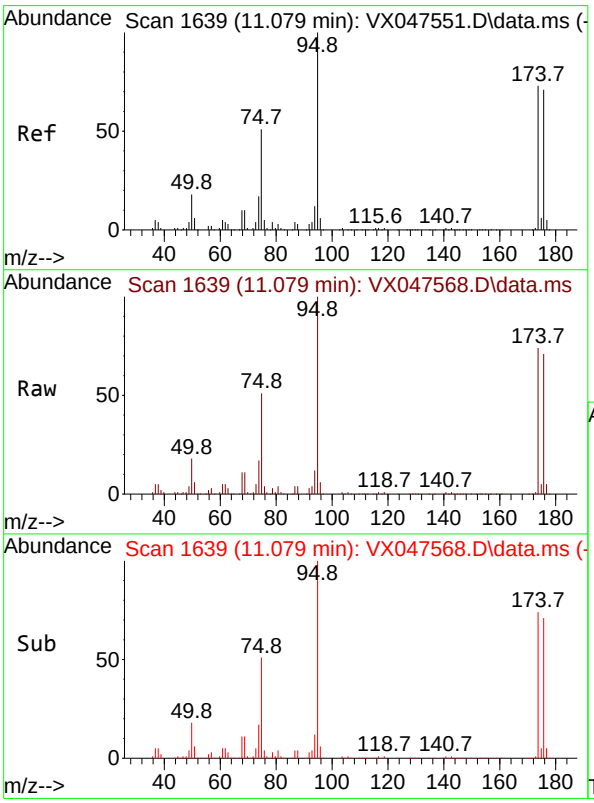
#50
Toluene-d8
Concen: 51.218 ug/l
RT: 8.653 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047568.D
Acq: 29 Aug 2025 14:06

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

Tgt Ion: 98 Resp: 468747

Ion	Ratio	Lower	Upper
98	100		
100	66.8	53.5	80.3

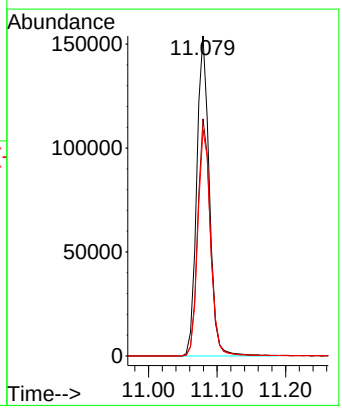


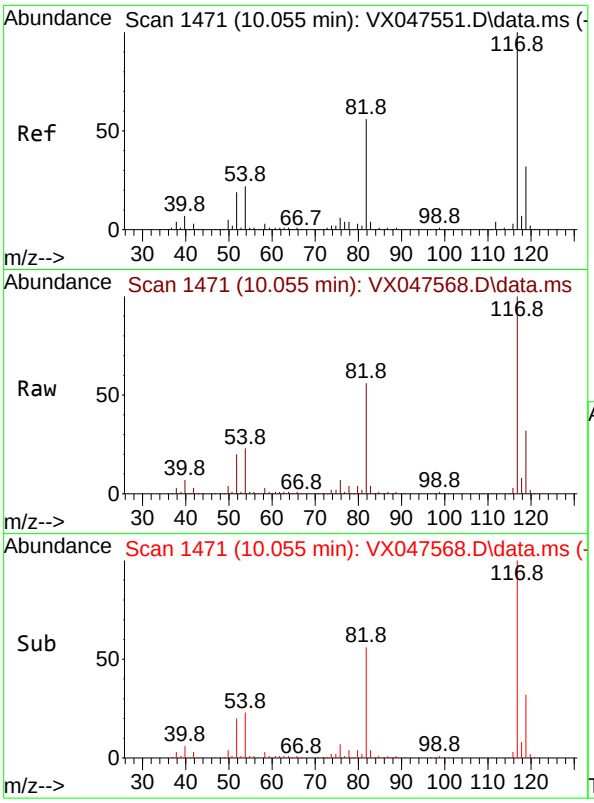


#62
4-Bromofluorobenzene
Concen: 57.435 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX047568.D
Acq: 29 Aug 2025 14:06

Tgt Ion: 95 Resp: 197473

Ion	Ratio	Lower	Upper
95	100		
174	73.8	0.0	145.2
176	71.6	0.0	140.4



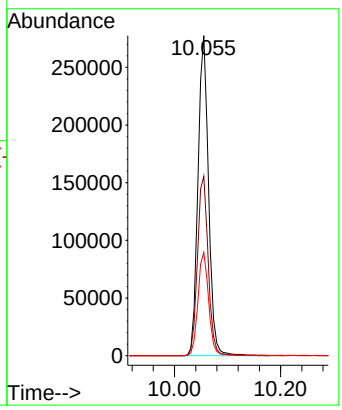


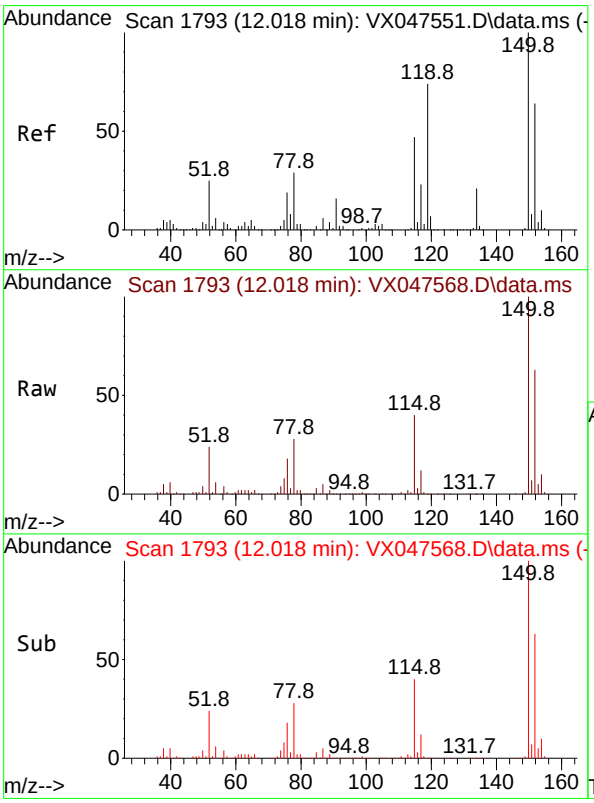
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047568.D
Acq: 29 Aug 2025 14:06

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

Tgt Ion:117 Resp: 383453

Ion	Ratio	Lower	Upper
117	100		
82	56.1	44.6	66.8
119	32.2	25.7	38.5

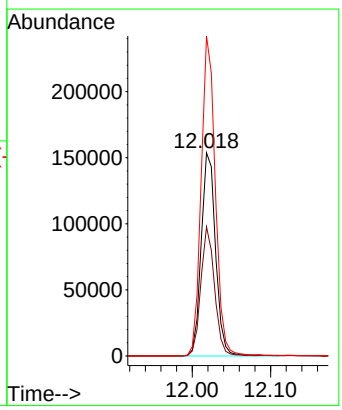




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047568.D
Acq: 29 Aug 2025 14:06

Tgt Ion:152 Resp: 196025

Ion	Ratio	Lower	Upper
152	100		
115	60.7	42.9	128.5
150	155.0	0.0	351.0



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.: Q2987

Instrument ID: MSVOA_X Calibration Date(s): 08/28/2025 08/28/2025

Heated Purge: (Y/N) N Calibration Time(s): 14:07 16:35

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

LAB FILE ID: RRF001 = VX047548.D RRF005 = VX047549.D RRF020 = VX047550.D
RRF050 = VX047551.D RRF100 = VX047552.D RRF150 = VX047553.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.459	0.581	0.582	0.522	0.541	0.601	0.548	9.6
Chloromethane	0.629	0.597	0.600	0.564	0.605	0.594	0.598	3.5
Vinyl Chloride	0.646	0.706	0.727	0.679	0.724	0.737	0.703	5
Ethyl Acetate	0.400	0.468	0.494	0.488	0.534	0.504	0.481	9.4
Bromomethane		0.326	0.322	0.311	0.334	0.227	0.304	14.4
Chloroethane	0.538	0.422	0.439	0.422	0.440	0.420	0.447	10.2
Trichlorofluoromethane	0.899	1.003	1.038	0.982	1.026	1.051	1.000	5.5
1,1,2-Trichlorotrifluoroethane	0.565	0.572	0.603	0.578	0.599	0.655	0.595	5.5
Tert butyl alcohol		0.069	0.068	0.069	0.076	0.071	0.071	4.5
1,1-Dichloroethene	0.617	0.608	0.640	0.616	0.655	0.654	0.631	3.3
Acrolein		0.146	0.146	0.134	0.149	0.133	0.141	5.4
Acrylonitrile	0.266	0.316	0.327	0.320	0.350	0.315	0.316	8.7
Acetone	0.372	0.310	0.299	0.280	0.303	0.261	0.304	12.5
Carbon Disulfide	1.935	1.856	1.885	1.802	1.896	1.891	1.878	2.4
Methyl tert-butyl Ether	1.857	2.027	2.130	2.089	2.251	2.012	2.061	6.4
Methyl Acetate	0.726	0.720	0.721	0.769	0.817	0.746	0.750	5.1
Methylene Chloride	0.848	0.834	0.773	0.732	0.770	0.686	0.774	7.9
trans-1,2-Dichloroethene	0.585	0.698	0.695	0.676	0.707	0.670	0.672	6.7
Vinyl Acetate	1.469	1.884	2.038	1.988	2.124	1.880	1.897	12.1
1,1-Dichloroethane	1.217	1.339	1.340	1.275	1.349	1.248	1.295	4.3
Cyclohexane		1.042	1.116	1.043	1.062	1.136	1.080	4
2-Butanone	0.369	0.394	0.415	0.400	0.437	0.385	0.400	5.9
Carbon Tetrachloride	0.580	0.503	0.550	0.516	0.537	0.566	0.542	5.4
2,2-Dichloropropane	0.865	0.858	0.944	0.931	1.021	0.996	0.936	7.1
cis-1,2-Dichloroethene	0.749	0.832	0.865	0.815	0.859	0.792	0.819	5.3
Bromochloromethane	0.480	0.630	0.589	0.565	0.583	0.505	0.559	10
Chloroform	1.247	1.358	1.391	1.308	1.365	1.240	1.318	4.8
1,1,1-Trichloroethane	0.965	1.059	1.109	1.070	1.138	1.104	1.074	5.7
Methylcyclohexane	0.487	0.533	0.574	0.542	0.575	0.669	0.563	10.9
1,1-Dichloropropene	0.428	0.487	0.508	0.487	0.502	0.519	0.488	6.6

* 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.

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.: Q2987

Instrument ID: MSVOA_X Calibration Date(s): 08/28/2025 08/28/2025

Heated Purge: (Y/N) N Calibration Time(s): 14:07 16:35

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

LAB FILE ID: RRF001 = VX047548.D RRF005 = VX047549.D RRF020 = VX047550.D
RRF050 = VX047551.D RRF100 = VX047552.D RRF150 = VX047553.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Benzene	1.493	1.538	1.643	1.544	1.601	1.537	1.559	3.4
1,2-Dichloroethane	0.525	0.580	0.605	0.553	0.575	0.529	0.561	5.6
Trichloroethene	0.366	0.379	0.404	0.380	0.393	0.397	0.386	3.6
1,2-Dichloropropane	0.357	0.374	0.419	0.398	0.418	0.392	0.393	6.3
Dibromomethane	0.258	0.288	0.313	0.290	0.303	0.282	0.289	6.5
Bromodichloromethane	0.531	0.604	0.626	0.588	0.616	0.582	0.591	5.7
4-Methyl-2-Pentanone	0.362	0.453	0.483	0.478	0.504	0.462	0.457	10.9
Toluene	0.847	0.953	1.018	0.956	0.981	0.947	0.950	6
t-1,3-Dichloropropene	0.419	0.500	0.555	0.558	0.597	0.566	0.533	12
cis-1,3-Dichloropropene	0.489	0.553	0.622	0.611	0.650	0.616	0.590	10
1,1,2-Trichloroethane	0.348	0.379	0.389	0.372	0.385	0.352	0.371	4.7
1,3-Dichloropropane	0.586	0.663	0.685	0.645	0.664	0.608	0.642	5.9
2-Chloroethyl Vinyl ether	0.170	0.244	0.232	0.267	0.296	0.346	0.259	23
2-Hexanone	0.248	0.291	0.337	0.328	0.347	0.323	0.312	11.8
Dibromochloromethane	0.409	0.451	0.462	0.446	0.460	0.429	0.443	4.6
1,2-Dibromoethane	0.321	0.375	0.403	0.388	0.404	0.372	0.377	8.2
Tetrachloroethene	0.286	0.340	0.355	0.330	0.345	0.353	0.335	7.6
Chlorobenzene	1.077	1.172	1.215	1.167	1.216	1.177	1.170	4.3
1,1,1,2-Tetrachloroethane	0.354	0.379	0.407	0.399	0.433	0.409	0.397	6.9
Hexachloroethane	0.436	0.525	0.545	0.565	0.635	0.667	0.562	14.6
Ethyl Benzene	1.678	1.918	2.067	1.976	2.097	2.066	1.967	8
m/p-Xylenes	0.610	0.710	0.780	0.744	0.782	0.757	0.731	8.9
o-Xylene	0.544	0.703	0.747	0.724	0.763	0.742	0.704	11.5
Styrene	0.943	1.168	1.337	1.273	1.341	1.265	1.221	12.3
Bromoform	0.258	0.288	0.313	0.305	0.334	0.315	0.302	8.6
Isopropylbenzene	2.728	3.538	3.882	3.780	4.062	4.085	3.679	13.8
1,1,2,2-Tetrachloroethane	0.962	1.172	1.209	1.184	1.274	1.177	1.163	9.1
1,2,3-Trichloropropane	0.624	0.868	0.929	0.949	1.038	0.945	0.892	15.9
Bromobenzene	0.748	0.919	0.990	0.983	1.028	0.980	0.941	10.7
n-propylbenzene	3.310	4.160	4.628	4.503	4.824	4.857	4.380	13.3

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

Raw Data

Alliance TECHNICAL GROUP

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: CHEM02

Lab Code: ACE SDG No.: Q2987

Instrument ID: MSVOA_X Calibration Date(s): 08/28/2025 08/28/2025

Heated Purge: (Y/N) N Calibration Time(s): 14:07 16:35

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

LAB FILE ID: RRF001 = VX047548.D RRF005 = VX047549.D RRF020 = VX047550.D
RRF050 = VX047551.D RRF100 = VX047552.D RRF150 = VX047553.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
2-Chlorotoluene	2.196	2.693	2.881	2.743	2.935	2.851	2.717	10
1,3,5-Trimethylbenzene	2.164	2.895	3.188	3.128	3.354	3.320	3.008	14.8
4-Chlorotoluene	2.649	3.163	3.326	3.222	3.422	3.344	3.188	8.8
tert-Butylbenzene	2.329	2.910	3.113	3.108	3.369	3.367	3.033	12.7
1,2,4-Trimethylbenzene	2.247	2.920	3.265	3.197	3.414	3.354	3.066	14.2
sec-Butylbenzene	2.850	3.471	3.741	3.696	3.992	4.144	3.649	12.5
p-Isopropyltoluene	2.309	2.939	3.195	3.095	3.352	3.462	3.059	13.4
1,3-Dichlorobenzene	1.435	1.763	1.858	1.773	1.873	1.825	1.755	9.3
1,4-Dichlorobenzene	1.674	1.806	1.872	1.790	1.901	1.828	1.812	4.4
n-Butylbenzene	2.221	2.617	2.855	2.834	3.098	3.313	2.823	13.5
1,2-Dichlorobenzene	1.505	1.711	1.823	1.708	1.819	1.751	1.720	6.8
1,2-Dibromo-3-Chloropropane	0.148	0.209	0.210	0.220	0.254	0.245	0.215	17.4
1,2,4-Trichlorobenzene	0.832	0.968	1.052	1.046	1.196	1.195	1.048	13.2
Hexachlorobutadiene	0.407	0.362	0.317	0.322	0.367	0.411	0.364	11
Naphthalene	2.111	2.677	3.087	3.225	3.694	3.589	3.064	19.3
1,2,3-Trichlorobenzene	0.801	0.940	0.960	0.975	1.122	1.111	0.985	12.1
1,2-Dichloroethane-d4		0.866	0.651	0.760	0.809	0.753	0.768	10.4
Dibromofluoromethane		0.377	0.285	0.342	0.358	0.353	0.343	10.2
Toluene-d8		1.326	0.999	1.199	1.243	1.247	1.203	10.2
4-Bromofluorobenzene		0.502	0.382	0.455	0.463	0.458	0.452	9.6

* 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 : 82X082825W.M
Title : SW846 8260
Last Update : Fri Aug 29 02:31:18 2025
Response Via : Initial Calibration

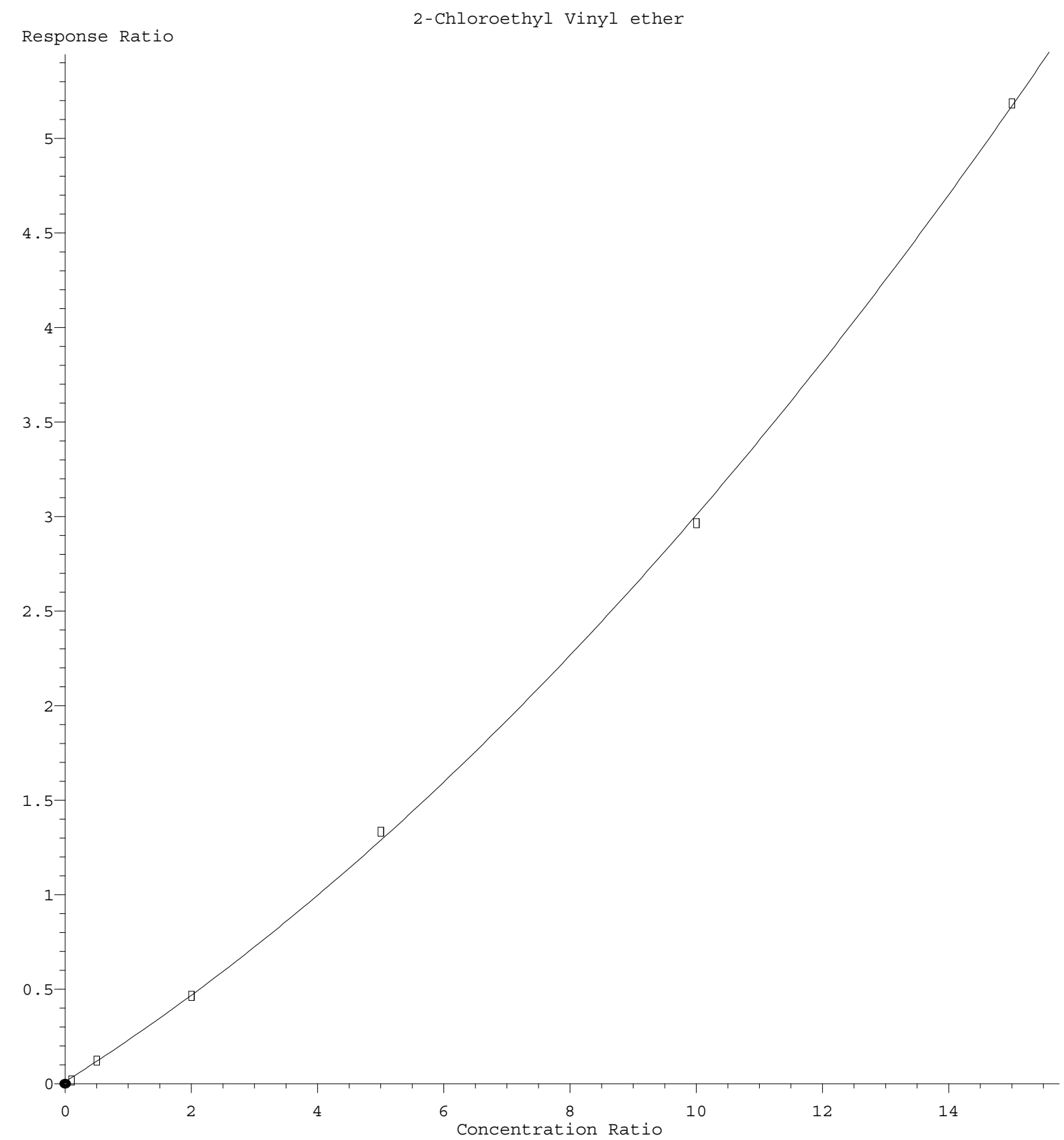
Calibration Files
1 =VX047548.D 5 =VX047549.D 20 =VX047550.D 50 =VX047551.D 100 =VX047552.D 150 =VX047553.D

		Compound	1	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.459	0.581	0.582	0.522	0.541	0.601	0.548	9.56
3)	P	Chloromethane	0.629	0.597	0.600	0.564	0.605	0.594	0.598	3.50
4)	C	Vinyl Chloride	0.646	0.706	0.727	0.679	0.724	0.737	0.703	4.95#
5)	T	Bromomethane		0.326	0.322	0.311	0.334	0.227	0.304	14.44
6)	T	Chloroethane	0.538	0.422	0.439	0.422	0.440	0.420	0.447	10.25
7)	T	Trichlorofluor...	0.899	1.003	1.038	0.982	1.026	1.051	1.000	5.54
8)	T	Diethyl Ether	0.374	0.383	0.413	0.400	0.426	0.385	0.397	5.03
9)	T	1,1,2-Trichlor...	0.565	0.572	0.603	0.578	0.599	0.655	0.595	5.54
10)	T	Methyl Iodide		0.800	0.865	0.946	1.171	1.147	0.986	16.93
11)	T	Tert butyl alc...		0.069	0.068	0.069	0.076	0.071	0.071	4.49
12)	CM	1,1-Dichloroet...	0.617	0.608	0.640	0.616	0.655	0.654	0.631	3.28#
13)	T	Acrolein		0.146	0.146	0.134	0.149	0.133	0.141	5.39
14)	T	Allyl chloride	1.122	1.135	1.166	1.141	1.239	1.137	1.157	3.70
15)	T	Acrylonitrile	0.266	0.316	0.327	0.320	0.350	0.315	0.316	8.74
16)	T	Acetone	0.372	0.310	0.299	0.280	0.303	0.261	0.304	12.46
17)	T	Carbon Disulfide	1.935	1.856	1.885	1.802	1.896	1.891	1.878	2.39
18)	T	Methyl Acetate	0.726	0.720	0.721	0.769	0.817	0.746	0.750	5.06
19)	T	Methyl tert-bu...	1.857	2.027	2.130	2.089	2.251	2.012	2.061	6.41
20)	T	Methylene Chlo...	0.848	0.834	0.773	0.732	0.770	0.686	0.774	7.91
21)	T	trans-1,2-Dich...	0.585	0.698	0.695	0.676	0.707	0.670	0.672	6.69
22)	T	Diisopropyl ether	2.093	2.324	2.476	2.379	2.490	2.216	2.330	6.61
23)	T	Vinyl Acetate	1.469	1.884	2.038	1.988	2.124	1.880	1.897	12.09
24)	P	1,1-Dichloroet...	1.217	1.338	1.340	1.275	1.349	1.248	1.295	4.28
25)	T	2-Butanone	0.369	0.394	0.415	0.400	0.437	0.385	0.400	5.95
26)	T	2,2-Dichloropr...	0.865	0.858	0.944	0.931	1.021	0.996	0.936	7.08
27)	T	cis-1,2-Dichlo...	0.749	0.832	0.865	0.815	0.859	0.792	0.819	5.34
28)	T	Bromochloromet...	0.480	0.630	0.589	0.565	0.583	0.505	0.559	10.04
29)	T	Tetrahydrofuran	0.225	0.244	0.256	0.250	0.272	0.243	0.248	6.31
30)	C	Chloroform	1.247	1.358	1.391	1.308	1.365	1.240	1.318	4.83#
31)	T	Cyclohexane		1.042	1.116	1.043	1.062	1.136	1.080	4.03
32)	T	1,1,1-Trichlor...	0.965	1.059	1.109	1.070	1.138	1.104	1.074	5.66
33)	S	1,2-Dichloroet...		0.866	0.651	0.760	0.809	0.753	0.768	10.38
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...		0.377	0.285	0.342	0.358	0.353	0.343	10.16
36)	T	1,1-Dichloropr...	0.428	0.487	0.508	0.487	0.502	0.519	0.488	6.61
37)	T	Ethyl Acetate	0.400	0.468	0.494	0.488	0.534	0.504	0.481	9.39
38)	T	Carbon Tetrach...	0.580	0.503	0.550	0.516	0.537	0.566	0.542	5.41
39)	T	Methylcyclohexane	0.487	0.533	0.574	0.542	0.575	0.669	0.563	10.87
40)	TM	Benzene	1.493	1.538	1.643	1.544	1.601	1.537	1.559	3.42
41)	T	Methacrylonitrile	0.196	0.185	0.224	0.255	0.261	0.247	0.228	14.02
42)	TM	1,2-Dichloroet...	0.525	0.580	0.605	0.553	0.575	0.529	0.561	5.58
43)	T	Isopropyl Acetate	0.543	0.752	0.816	0.820	0.877	0.833	0.773	15.47
44)	TM	Trichloroethene	0.366	0.379	0.404	0.380	0.393	0.397	0.386	3.63
45)	C	1,2-Dichloropr...	0.357	0.374	0.419	0.398	0.418	0.392	0.393	6.25#
46)	T	Dibromomethane	0.258	0.288	0.313	0.290	0.303	0.282	0.289	6.50
47)	T	Bromodichlorom...	0.531	0.604	0.626	0.588	0.616	0.582	0.591	5.70
48)	T	Methyl methacr...	0.285	0.362	0.426	0.424	0.459	0.431	0.398	16.07
49)	T	1,4-Dioxane	0.003	0.004	0.004	0.004	0.005	0.004	0.004	16.60
50)	S	Toluene-d8		1.326	0.999	1.199	1.243	1.247	1.203	10.19
51)	T	4-Methyl-2-Pen...	0.362	0.453	0.483	0.478	0.504	0.462	0.457	10.92
52)	CM	Toluene	0.847	0.953	1.018	0.956	0.981	0.947	0.950	6.01#
53)	T	t-1,3-Dichloro...	0.419	0.500	0.555	0.558	0.597	0.566	0.533	12.02
54)	T	cis-1,3-Dichlo...	0.489	0.553	0.622	0.611	0.650	0.616	0.590	9.97
55)	T	1,1,2-Trichlor...	0.348	0.379	0.389	0.372	0.385	0.352	0.371	4.66
56)	T	Ethyl methacry...	0.412	0.505	0.580	0.582	0.628	0.585	0.549	14.14

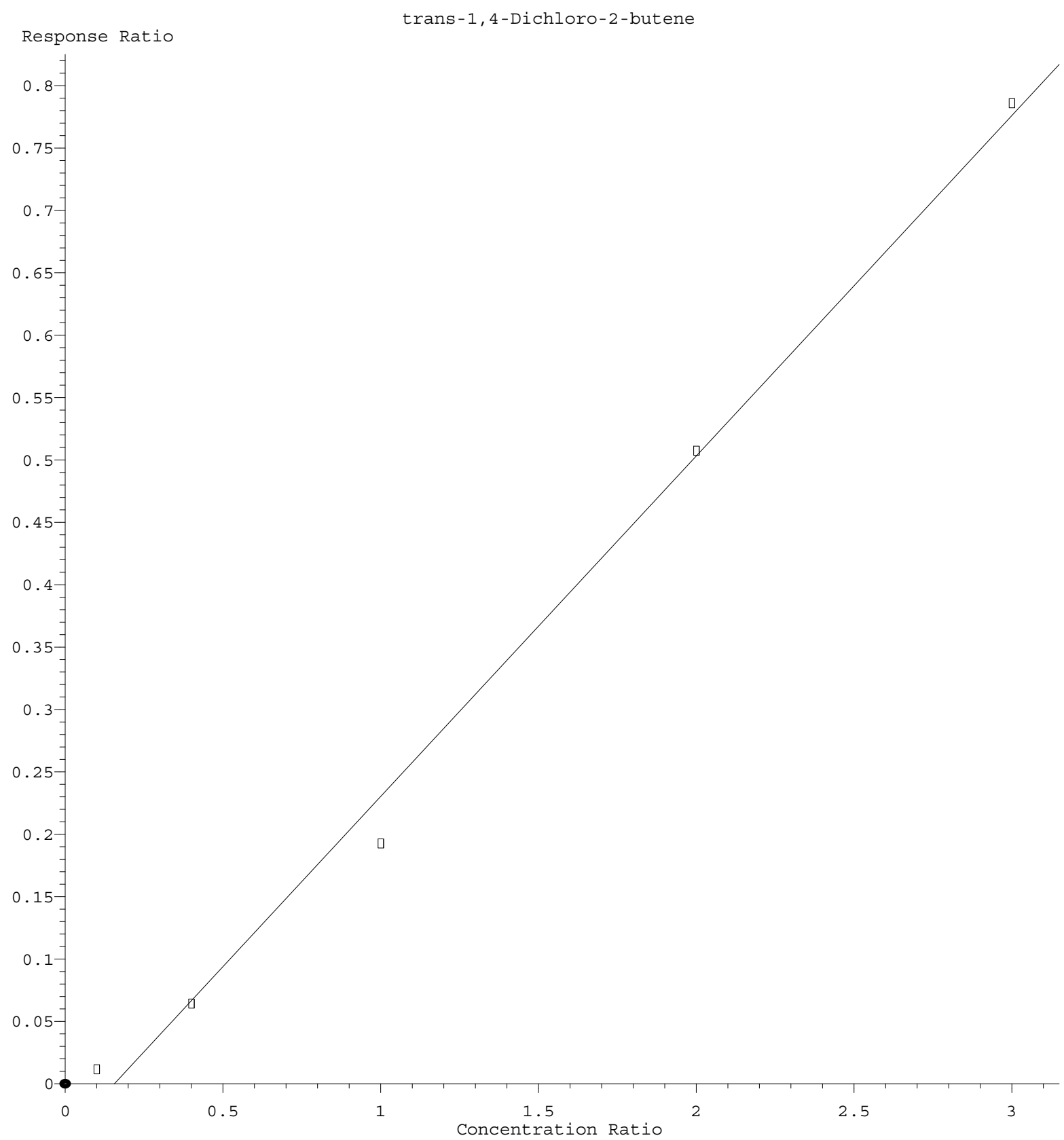
Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
Method File : 82X082825W.M

57)	T	1,3-Dichloropr...	0.586	0.663	0.685	0.645	0.664	0.608	0.642	5.87
58)	T	2-Chloroethyl ...	0.170	0.244	0.232	0.267	0.296	0.346	0.259	22.99
59)	T	2-Hexanone	0.248	0.291	0.337	0.328	0.347	0.323	0.312	11.82
60)	T	Dibromochlorom...	0.409	0.451	0.462	0.446	0.460	0.429	0.443	4.62
61)	T	1,2-Dibromoethane	0.321	0.375	0.403	0.388	0.404	0.372	0.377	8.15
62)	S	4-Bromofluorob...		0.502	0.382	0.455	0.463	0.458	0.452	9.59
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.286	0.340	0.355	0.330	0.345	0.353	0.335	7.62
65)	PM	Chlorobenzene	1.077	1.172	1.215	1.167	1.216	1.177	1.170	4.32
66)	T	1,1,1,2-Tetrac...	0.354	0.379	0.407	0.399	0.433	0.409	0.397	6.92
67)	C	Ethyl Benzene	1.678	1.918	2.067	1.976	2.097	2.066	1.967	7.97#
68)	T	m/p-Xylenes	0.610	0.710	0.780	0.744	0.782	0.757	0.731	8.88
69)	T	o-Xylene	0.544	0.703	0.747	0.724	0.763	0.742	0.704	11.52
70)	T	Styrene	0.943	1.168	1.337	1.273	1.341	1.265	1.221	12.29
71)	P	Bromoform	0.258	0.288	0.313	0.305	0.334	0.315	0.302	8.63
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	2.728	3.538	3.882	3.780	4.062	4.085	3.679	13.79
74)	T	N-amyl acetate	1.038	1.323	1.550	1.601	1.834	1.771	1.519	19.54
75)	P	1,1,2,2-Tetrac...	0.962	1.172	1.209	1.184	1.274	1.177	1.163	9.07
76)	T	1,2,3-Trichlor...	0.624	0.868	0.929	0.949	1.038	0.945	0.892	15.93
77)	T	Bromobenzene	0.748	0.919	0.990	0.983	1.028	0.980	0.941	10.74
78)	T	n-propylbenzene	3.310	4.160	4.628	4.503	4.824	4.857	4.380	13.29
79)	T	2-Chlorotoluene	2.196	2.693	2.881	2.743	2.935	2.851	2.717	9.95
80)	T	1,3,5-Trimethy...	2.164	2.895	3.188	3.128	3.354	3.320	3.008	14.78
81)	T	trans-1,4-Dich...		0.115	0.161	0.193	0.254	0.262	0.197	31.53
82)	T	4-Chlorotoluene	2.649	3.163	3.326	3.222	3.422	3.344	3.188	8.76
83)	T	tert-Butylbenzene	2.329	2.910	3.113	3.108	3.369	3.367	3.033	12.74
84)	T	1,2,4-Trimethy...	2.247	2.920	3.265	3.197	3.414	3.354	3.066	14.24
85)	T	sec-Butylbenzene	2.850	3.471	3.741	3.696	3.992	4.144	3.649	12.52
86)	T	p-Isopropyltol...	2.309	2.939	3.195	3.095	3.352	3.462	3.059	13.44
87)	T	1,3-Dichlorobe...	1.435	1.763	1.858	1.773	1.873	1.825	1.755	9.27
88)	T	1,4-Dichlorobe...	1.674	1.806	1.872	1.790	1.901	1.828	1.812	4.37
89)	T	n-Butylbenzene	2.221	2.617	2.855	2.834	3.098	3.313	2.823	13.45
90)	T	Hexachloroethane	0.436	0.525	0.545	0.565	0.635	0.667	0.562	14.63
91)	T	1,2-Dichlorobe...	1.505	1.711	1.823	1.708	1.819	1.751	1.720	6.77
92)	T	1,2-Dibromo-3-...	0.148	0.209	0.210	0.220	0.254	0.245	0.215	17.37
93)	T	1,2,4-Trichlor...	0.832	0.968	1.052	1.046	1.196	1.195	1.048	13.24
94)	T	Hexachlorobuta...	0.407	0.362	0.317	0.322	0.367	0.411	0.364	11.03
95)	T	Naphthalene	2.111	2.677	3.087	3.225	3.694	3.589	3.064	19.35
96)	T	1,2,3-Trichlor...	0.801	0.940	0.960	0.975	1.122	1.111	0.985	12.12

(#) = Out of Range



R = 8.866e-003 A*A + 2.110e-001 A + 1.135e-002
Coef of Det (r^2) = 0.999791 Curve Fit: Quadratic
Method Name: Z:\voasrv\HPCHEM1\MSVOA X\Method\82X082825W.M
Calibration Table Last Updated: Fri Aug 29 02:31:18 2025



Response = 2.730e-001 * Amt - 4.257e-002
Coef of Det (r^2) = 0.994732 Curve Fit: Linear
Method Name: Z:\voasrv\HPCHEM1\MSVOA X\Method\82X082825W.M
Calibration Table Last Updated: Fri Aug 29 02:31:18 2025

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082825\
Data File : VX047548.D
Acq On : 28 Aug 2025 14:07
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025

Quant Time: Aug 29 02:04:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 29 02:00:27 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	5.562	168	249582	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	6.769	114	465466	50.000	ug/l		0.00
63) Chlorobenzene-d5	10.055	117	457124	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	238780	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	2290	0.838	ug/l		88
3) Chloromethane	1.307	50	3141	1.052	ug/l	#	81
4) Vinyl Chloride	1.392	62	3223	0.918	ug/l		97
6) Chloroethane	1.709	64	2687	1.205	ug/l		93
7) Trichlorofluoromethane	1.910	101	4485	0.899	ug/l		94
8) Diethyl Ether	2.148	74	1865	0.942	ug/l		75
9) 1,1,2-Trichlorotrifluo...	2.349	101	2819	0.948	ug/l		97
12) 1,1-Dichloroethene	2.337	96	3080	0.977	ug/l	#	73
14) Allyl chloride	2.684	41	5603	0.970	ug/l		98
15) Acrylonitrile	3.099	53	6643	4.214	ug/l		98
16) Acetone	2.392	43	9296	6.124	ug/l		96
17) Carbon Disulfide	2.532	76	9657	1.030	ug/l		99
18) Methyl Acetate	2.715	43	3624	0.968	ug/l		98
19) Methyl tert-butyl Ether	3.130	73	9267	0.901	ug/l	#	86
20) Methylene Chloride	2.806	84	4234	1.096	ug/l		90
21) trans-1,2-Dichloroethene	3.111	96	2918	0.870	ug/l		88
22) Diisopropyl ether	3.770	45	10446	0.898	ug/l	#	24
23) Vinyl Acetate	3.745	43	36669	3.872	ug/l		97
24) 1,1-Dichloroethane	3.636	63	6077	0.940	ug/l	#	88
25) 2-Butanone	4.605	43	9221	4.616	ug/l		96
26) 2,2-Dichloropropane	4.483	77	4319	0.925	ug/l	#	73
27) cis-1,2-Dichloroethene	4.519	96	3738	0.915	ug/l		85
28) Bromochloromethane	4.922	49	2395	0.859	ug/l	#	67
29) Tetrahydrofuran	5.038	42	5605	4.521	ug/l	#	81
30) Chloroform	5.099	83	6226	0.946	ug/l	#	77
32) 1,1,1-Trichloroethane	5.404	97	4815	0.898	ug/l	#	45
36) 1,1-Dichloropropene	5.714	75	3980	0.875	ug/l		96
37) Ethyl Acetate	4.751	43	3727	0.832	ug/l	#	78
38) Carbon Tetrachloride	5.684	117	5397	1.070	ug/l	#	75
39) Methylcyclohexane	7.385	83	4529	0.864	ug/l		87
40) Benzene	6.050	78	13896	0.957	ug/l		94
41) Methacrylonitrile	4.965	41	1822m	0.859	ug/l		
42) 1,2-Dichloroethane	6.105	62	4885	0.935	ug/l		87
43) Isopropyl Acetate	6.367	43	5059	0.703	ug/l	#	77
44) Trichloroethene	7.147	130	3404m	0.947	ug/l		
45) 1,2-Dichloropropane	7.440	63	3321	0.908	ug/l		92

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082825\
Data File : VX047548.D
Acq On : 28 Aug 2025 14:07
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025

Quant Time: Aug 29 02:04:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 29 02:00:27 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) Dibromomethane	7.592	93	2402	0.892	ug/l		91
47) Bromodichloromethane	7.824	83	4945	0.898	ug/l		97
48) Methyl methacrylate	7.720	41	2649	0.715	ug/l		91
49) 1,4-Dioxane	7.696	88	522m	14.246	ug/l		
51) 4-Methyl-2-Pentanone	8.580	43	16837	3.958	ug/l		99
52) Toluene	8.720	92	7884	0.891	ug/l		100
53) t-1,3-Dichloropropene	8.994	75	3898	0.786	ug/l		89
54) cis-1,3-Dichloropropene	8.372	75	4555	0.829	ug/l	#	59
55) 1,1,2-Trichloroethane	9.159	97	3239	0.939	ug/l	#	75
56) Ethyl methacrylate	9.128	69	3840	0.752	ug/l	#	76
57) 1,3-Dichloropropane	9.311	76	5455	0.913	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.251	63	7921	1.342	ug/l		98
59) 2-Hexanone	9.439	43	11533	3.968	ug/l		99
60) Dibromochloromethane	9.525	129	3806	0.923	ug/l		99
61) 1,2-Dibromoethane	9.616	107	2987	0.851	ug/l		99
64) Tetrachloroethene	9.275	164	2617	0.855	ug/l		88
65) Chlorobenzene	10.079	112	9848	0.920	ug/l		95
66) 1,1,1,2-Tetrachloroethane	10.165	131	3234	0.891	ug/l	#	66
67) Ethyl Benzene	10.195	91	15338	0.853	ug/l		100
68) m/p-Xylenes	10.305	106	11147	1.669	ug/l		96
69) o-Xylene	10.646	106	4969	0.772	ug/l		97
70) Styrene	10.659	104	8619	0.772	ug/l		98
71) Bromoform	10.805	173	2362	0.855	ug/l	#	99
73) Isopropylbenzene	10.963	105	13028	0.741	ug/l		100
74) N-amyl acetate	10.848	43	4955m	0.683	ug/l		
75) 1,1,2,2-Tetrachloroethane	11.207	83	4593	0.827	ug/l		92
76) 1,2,3-Trichloropropane	11.238	75	2981m	0.683	ug/l		
77) Bromobenzene	11.201	156	3570	0.794	ug/l		96
78) n-propylbenzene	11.305	91	15806	0.756	ug/l		100
79) 2-Chlorotoluene	11.366	91	10486	0.808	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	10335	0.719	ug/l		92
82) 4-Chlorotoluene	11.457	91	12652	0.831	ug/l		96
83) tert-Butylbenzene	11.713	119	11123	0.768	ug/l		100
84) 1,2,4-Trimethylbenzene	11.750	105	10731	0.733	ug/l		97
85) sec-Butylbenzene	11.890	105	13611	0.781	ug/l		100
86) p-Isopropyltoluene	12.006	119	11028	0.755	ug/l		91
87) 1,3-Dichlorobenzene	11.969	146	6854	0.818	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	7992m	0.924	ug/l		
89) n-Butylbenzene	12.329	91	10608	0.787	ug/l		99
90) Hexachloroethane	12.542	117	2083	0.776	ug/l		93
91) 1,2-Dichlorobenzene	12.335	146	7188	0.875	ug/l		96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	709	0.692	ug/l		98
93) 1,2,4-Trichlorobenzene	13.591	180	3974	0.794	ug/l		97
94) Hexachlorobutadiene	13.725	225	1946	1.119	ug/l		89
95) Naphthalene	13.780	128	10080	0.689	ug/l		98
96) 1,2,3-Trichlorobenzene	13.963	180	3824	0.813	ug/l		97

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

ICAL Form

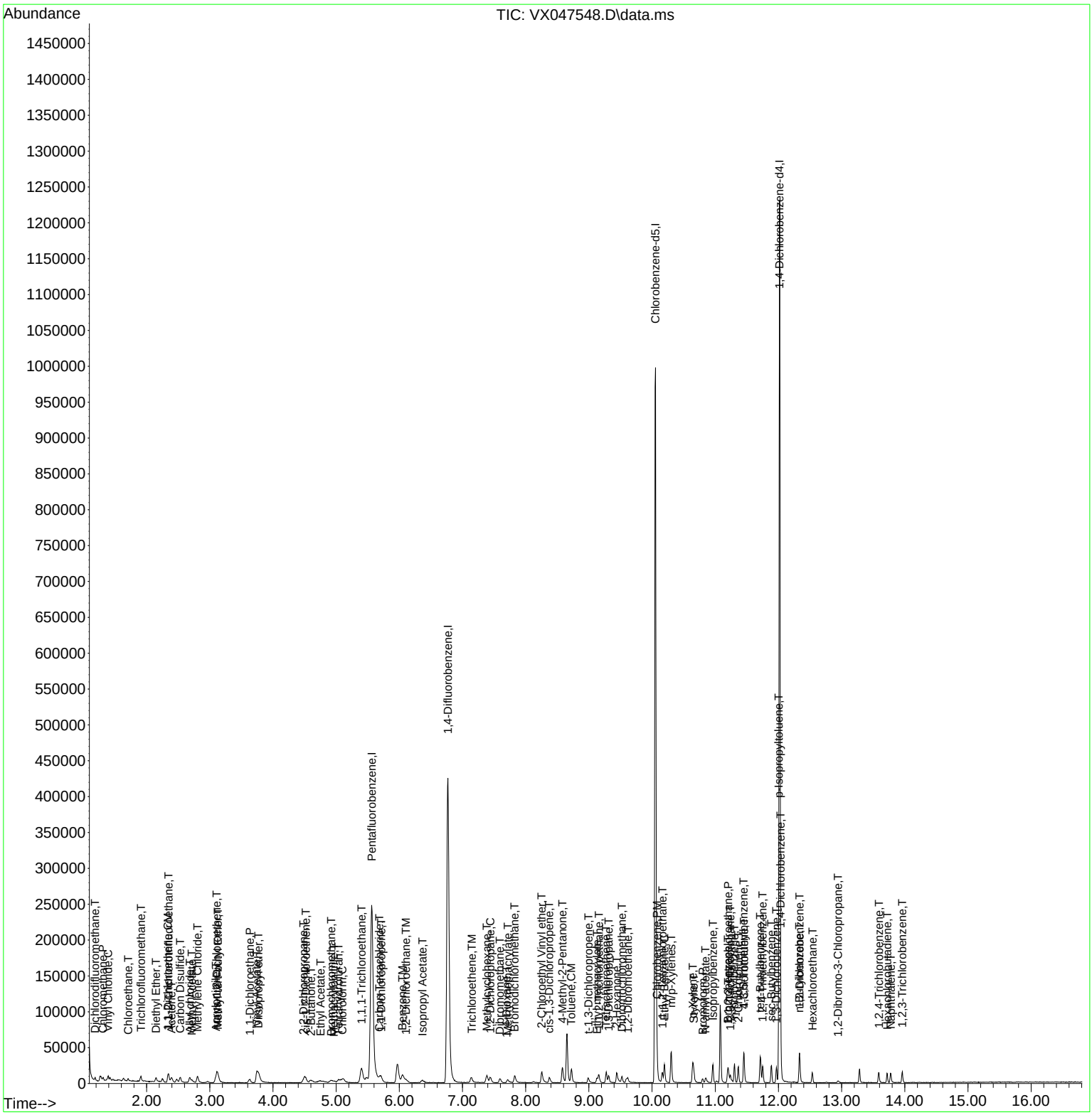
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082825\
Data File : VX047548.D
Acq On : 28 Aug 2025 14:07
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 29 02:04:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 29 02:00:27 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082825\
Data File : VX047549.D
Acq On : 28 Aug 2025 15:11
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025

Quant Time: Aug 29 02:05:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 29 02:00:27 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	233456	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	423211	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	398418	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	199979	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.976	65	20221	5.640	ug/l	0.01
Spiked Amount 50.000	Range 78 - 117		Recovery =	11.280%#		
35) Dibromofluoromethane	5.410	113	15958	5.494	ug/l	0.01
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.980%#		
50) Toluene-d8	8.653	98	56116	5.512	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	11.020%#		
62) 4-Bromofluorobenzene	11.079	95	21250	5.556	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	11.120%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	13567	5.307	ug/l	96
3) Chloromethane	1.313	50	13929	4.988	ug/l	93
4) Vinyl Chloride	1.392	62	16472	5.018	ug/l	99
5) Bromomethane	1.624	94	7611	5.361	ug/l	96
6) Chloroethane	1.709	64	9844	4.720	ug/l	89
7) Trichlorofluoromethane	1.904	101	23424	5.017	ug/l	96
8) Diethyl Ether	2.148	74	8931	4.821	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.349	101	13360	4.805	ug/l	97
10) Methyl Iodide	2.471	142	18665	4.055	ug/l	98
11) Tert butyl alcohol	2.965	59	8085	24.536	ug/l #	73
12) 1,1-Dichloroethene	2.343	96	14185	4.811	ug/l	88
13) Acrolein	2.252	56	17004	25.742	ug/l	97
14) Allyl chloride	2.684	41	26508	4.908	ug/l	97
15) Acrylonitrile	3.087	53	36910	25.032	ug/l	99
16) Acetone	2.392	43	36140	25.454	ug/l	93
17) Carbon Disulfide	2.532	76	43337	4.943	ug/l	99
18) Methyl Acetate	2.721	43	16804	4.800	ug/l	99
19) Methyl tert-butyl Ether	3.129	73	47327	4.918	ug/l	99
20) Methylene Chloride	2.806	84	19473	5.390	ug/l	97
21) trans-1,2-Dichloroethene	3.105	96	16306	5.197	ug/l	91
22) Diisopropyl ether	3.770	45	54254	4.988	ug/l #	63
23) Vinyl Acetate	3.739	43	219868	24.823	ug/l	100
24) 1,1-Dichloroethane	3.629	63	31248	5.170	ug/l	98
25) 2-Butanone	4.580	43	45944	24.588	ug/l	97
26) 2,2-Dichloropropane	4.489	77	20022	4.583	ug/l	77
27) cis-1,2-Dichloroethene	4.507	96	19435	5.084	ug/l	99
28) Bromochloromethane	4.916	49	14700	5.636	ug/l	98
29) Tetrahydrofuran	5.038	42	28488	24.568	ug/l	99
30) Chloroform	5.111	83	31702	5.151	ug/l	91
31) Cyclohexane	5.483	56	24328	4.826	ug/l	95
32) 1,1,1-Trichloroethane	5.397	97	24719	4.929	ug/l	97
36) 1,1-Dichloropropene	5.702	75	20612	4.986	ug/l	99
37) Ethyl Acetate	4.745	43	19816	4.864	ug/l #	93
38) Carbon Tetrachloride	5.690	117	21281	4.640	ug/l	96
39) Methylcyclohexane	7.385	83	22541	4.728	ug/l	98
40) Benzene	6.050	78	65097	4.933	ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082825\
Data File : VX047549.D
Acq On : 28 Aug 2025 15:11
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 29 02:05:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 29 02:00:27 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.952	41	7833	4.059	ug/l	#	77
42) 1,2-Dichloroethane	6.105	62	24546	5.167	ug/l		99
43) Isopropyl Acetate	6.354	43	31813	4.859	ug/l		97
44) Trichloroethene	7.135	130	16044	4.907	ug/l		99
45) 1,2-Dichloropropane	7.434	63	15807	4.755	ug/l		90
46) Dibromomethane	7.592	93	12204	4.987	ug/l		99
47) Bromodichloromethane	7.824	83	25570	5.109	ug/l	#	97
48) Methyl methacrylate	7.702	41	15339	4.555	ug/l		96
49) 1,4-Dioxane	7.684	88	2998	89.990	ug/l		100
51) 4-Methyl-2-Pentanone	8.574	43	95826	24.773	ug/l		99
52) Toluene	8.720	92	40313	5.012	ug/l		98
53) t-1,3-Dichloropropene	8.982	75	21179	4.697	ug/l		99
54) cis-1,3-Dichloropropene	8.372	75	23387	4.681	ug/l		98
55) 1,1,2-Trichloroethane	9.153	97	16024	5.107	ug/l		99
56) Ethyl methacrylate	9.122	69	21381	4.603	ug/l		99
57) 1,3-Dichloropropane	9.311	76	28064	5.166	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.244	63	51737	25.727	ug/l		100
59) 2-Hexanone	9.433	43	61496	23.272	ug/l		98
60) Dibromochloromethane	9.519	129	19078	5.090	ug/l		93
61) 1,2-Dibromoethane	9.610	107	15884	4.975	ug/l		98
64) Tetrachloroethene	9.275	164	13565	5.082	ug/l		99
65) Chlorobenzene	10.079	112	46679	5.005	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.159	131	15108	4.777	ug/l		96
67) Ethyl Benzene	10.195	91	76411	4.875	ug/l		99
68) m/p-Xylenes	10.299	106	56579	9.720	ug/l		98
69) o-Xylene	10.640	106	28024	4.997	ug/l		99
70) Styrene	10.659	104	46549	4.784	ug/l		100
71) Bromoform	10.799	173	11486	4.769	ug/l	#	99
73) Isopropylbenzene	10.963	105	70748	4.808	ug/l		98
74) N-amyl acetate	10.841	43	26450	4.353	ug/l		96
75) 1,1,2,2-Tetrachloroethane	11.207	83	23439	5.039	ug/l		98
76) 1,2,3-Trichloropropane	11.238	75	17363m	4.750	ug/l		
77) Bromobenzene	11.195	156	18378	4.882	ug/l		96
78) n-propylbenzene	11.305	91	83197	4.749	ug/l		98
79) 2-Chlorotoluene	11.360	91	53852	4.956	ug/l		96
80) 1,3,5-Trimethylbenzene	11.451	105	57901	4.812	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	2309	9.912	ug/l	#	79
82) 4-Chlorotoluene	11.451	91	63251	4.961	ug/l		98
83) tert-Butylbenzene	11.713	119	58193	4.798	ug/l		96
84) 1,2,4-Trimethylbenzene	11.750	105	58402	4.762	ug/l		100
85) sec-Butylbenzene	11.890	105	69405	4.756	ug/l		100
86) p-Isopropyltoluene	12.006	119	58776	4.805	ug/l		97
87) 1,3-Dichlorobenzene	11.969	146	35266	5.025	ug/l		98
88) 1,4-Dichlorobenzene	12.036	146	36122	4.985	ug/l		94
89) n-Butylbenzene	12.329	91	52334	4.635	ug/l		99
90) Hexachloroethane	12.536	117	10496	4.667	ug/l		100
91) 1,2-Dichlorobenzene	12.335	146	34218	4.975	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	4189	4.882	ug/l		92
93) 1,2,4-Trichlorobenzene	13.585	180	19364	4.619	ug/l		96
94) Hexachlorobutadiene	13.719	225	7236	4.966	ug/l		94
95) Naphthalene	13.774	128	53541	4.369	ug/l		99
96) 1,2,3-Trichlorobenzene	13.963	180	18798	4.774	ug/l		97

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082825\
Data File : VX047549.D
Acq On : 28 Aug 2025 15:11
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025

Quant Time: Aug 29 02:05:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 29 02:00:27 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

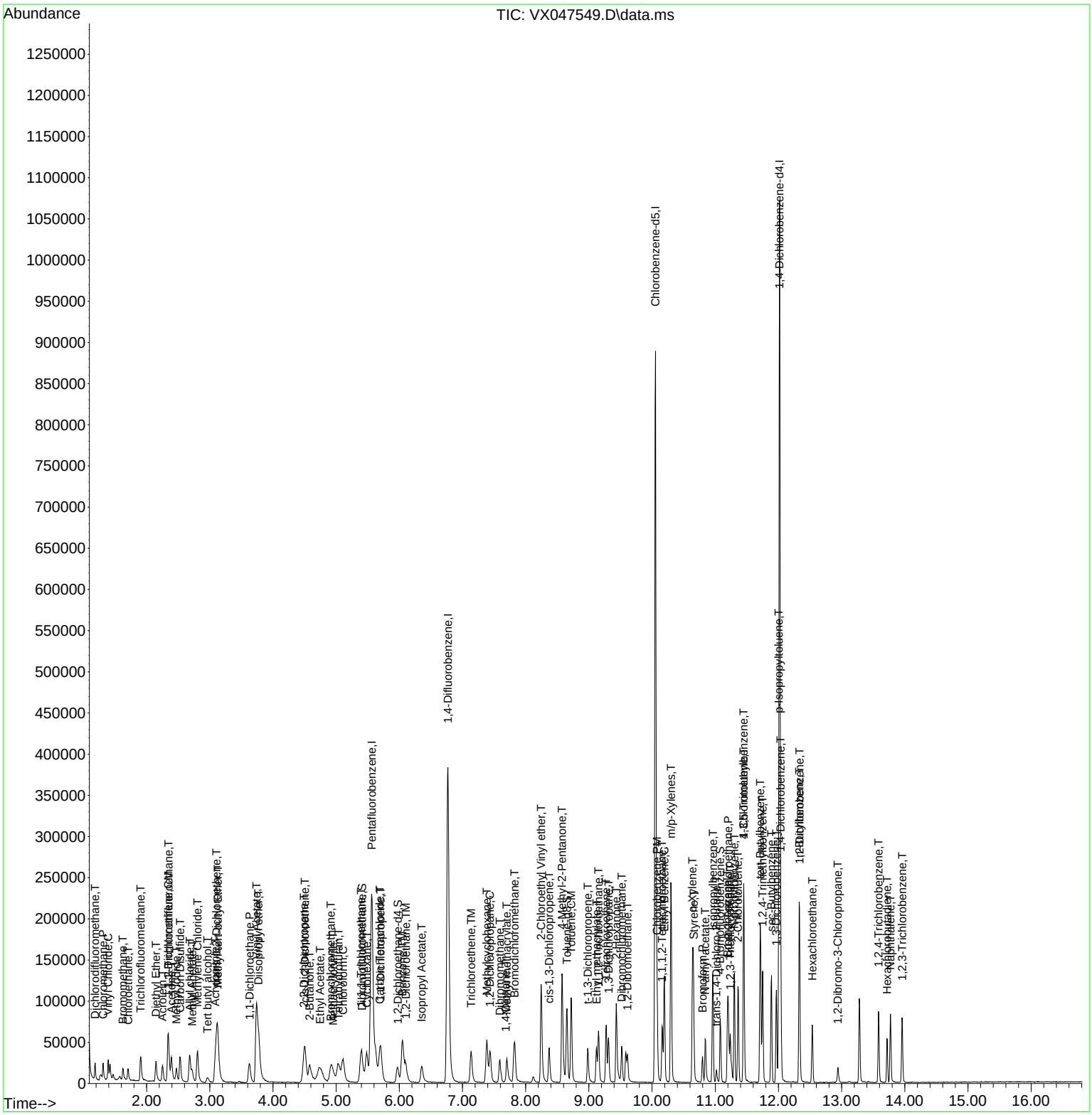
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082825\
Data File : VX047549.D
Acq On : 28 Aug 2025 15:11
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 29 02:05:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 29 02:00:27 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082825\
Data File : VX047550.D
Acq On : 28 Aug 2025 15:32
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025

Quant Time: Aug 29 02:05:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 29 02:00:27 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	228048	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	402901	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	376656	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	186602	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	59344	16.946	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	33.900%#		
35) Dibromofluoromethane	5.397	113	45931	16.610	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	33.220%#		
50) Toluene-d8	8.653	98	161072	16.618	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	33.240%#		
62) 4-Bromofluorobenzene	11.079	95	61629	16.925	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	33.840%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	53085	21.256	ug/l	97
3) Chloromethane	1.313	50	54703	20.055	ug/l	99
4) Vinyl Chloride	1.392	62	66286	20.673	ug/l	100
5) Bromomethane	1.623	94	29380	21.185	ug/l	93
6) Chloroethane	1.703	64	40004	19.637	ug/l	100
7) Trichlorofluoromethane	1.904	101	94673	20.760	ug/l	94
8) Diethyl Ether	2.148	74	37670	20.819	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.349	101	54992	20.248	ug/l	97
10) Methyl Iodide	2.471	142	78897	17.549	ug/l	99
11) Tert butyl alcohol	2.965	59	31092	96.593	ug/l	97
12) 1,1-Dichloroethene	2.337	96	58358	20.263	ug/l	94
13) Acrolein	2.251	56	66389	102.887	ug/l	98
14) Allyl chloride	2.678	41	106377	20.163	ug/l	98
15) Acrylonitrile	3.080	53	149191	103.578	ug/l	99
16) Acetone	2.392	43	136286	98.263	ug/l	99
17) Carbon Disulfide	2.532	76	171976	20.082	ug/l	100
18) Methyl Acetate	2.715	43	65725	19.221	ug/l	99
19) Methyl tert-butyl Ether	3.129	73	194340	20.674	ug/l	97
20) Methylene Chloride	2.806	84	70554	19.991	ug/l	98
21) trans-1,2-Dichloroethene	3.111	96	63440	20.700	ug/l	97
22) Diisopropyl ether	3.776	45	225871	21.257	ug/l	92
23) Vinyl Acetate	3.733	43	929385	107.414	ug/l	99
24) 1,1-Dichloroethane	3.623	63	122196	20.696	ug/l	98
25) 2-Butanone	4.574	43	189435	103.785	ug/l	98
26) 2,2-Dichloropropane	4.495	77	86067	20.167	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	78911	21.133	ug/l	98
28) Bromochloromethane	4.916	49	53738	21.090	ug/l	99
29) Tetrahydrofuran	5.025	42	116693	103.022	ug/l	100
30) Chloroform	5.105	83	126857	21.100	ug/l	96
31) Cyclohexane	5.482	56	101779	20.669	ug/l	94
32) 1,1,1-Trichloroethane	5.397	97	101117	20.643	ug/l	99
36) 1,1-Dichloropropene	5.708	75	81849	20.798	ug/l	99
37) Ethyl Acetate	4.727	43	79559	20.511	ug/l	98
38) Carbon Tetrachloride	5.690	117	88575	20.285	ug/l	98
39) Methylcyclohexane	7.391	83	92510	20.383	ug/l	95
40) Benzene	6.049	78	264724	21.070	ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082825\
Data File : VX047550.D
Acq On : 28 Aug 2025 15:32
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 29 02:05:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 29 02:00:27 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.952	41	36038	19.618	ug/l	#	89
42) 1,2-Dichloroethane	6.098	62	97565	21.572	ug/l		99
43) Isopropyl Acetate	6.348	43	131510	21.100	ug/l		99
44) Trichloroethene	7.135	130	65099	20.912	ug/l		97
45) 1,2-Dichloropropane	7.433	63	67499	21.329	ug/l		99
46) Dibromomethane	7.586	93	50430	21.647	ug/l		97
47) Bromodichloromethane	7.824	83	100883	21.174	ug/l		99
48) Methyl methacrylate	7.702	41	68667	21.417	ug/l		99
49) 1,4-Dioxane	7.683	88	13699	431.928	ug/l		98
51) 4-Methyl-2-Pentanone	8.573	43	389051	105.647	ug/l		100
52) Toluene	8.720	92	164113	21.434	ug/l		99
53) t-1,3-Dichloropropene	8.982	75	89431	20.835	ug/l		99
54) cis-1,3-Dichloropropene	8.366	75	100288	21.087	ug/l		97
55) 1,1,2-Trichloroethane	9.153	97	62712	20.995	ug/l		99
56) Ethyl methacrylate	9.116	69	93486	21.143	ug/l		99
57) 1,3-Dichloropropane	9.305	76	110402	21.348	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.244	63	187321	99.223	ug/l		99
59) 2-Hexanone	9.433	43	271814	108.047	ug/l		98
60) Dibromochloromethane	9.518	129	74443	20.862	ug/l		99
61) 1,2-Dibromoethane	9.610	107	64983	21.378	ug/l		100
64) Tetrachloroethene	9.275	164	53456	21.184	ug/l		98
65) Chlorobenzene	10.079	112	183047	20.760	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.165	131	61273	20.493	ug/l		99
67) Ethyl Benzene	10.195	91	311462	21.021	ug/l		100
68) m/p-Xylenes	10.299	106	234996	42.702	ug/l		98
69) o-Xylene	10.640	106	112496	21.220	ug/l		98
70) Styrene	10.652	104	201405	21.895	ug/l		100
71) Bromoform	10.799	173	47153	20.711	ug/l	#	100
73) Isopropylbenzene	10.963	105	289773	21.104	ug/l		99
74) N-amyl acetate	10.841	43	115687	20.402	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	90207	20.783	ug/l		100
76) 1,2,3-Trichloropropane	11.238	75	69372m	20.341	ug/l		
77) Bromobenzene	11.195	156	73887	21.035	ug/l		99
78) n-propylbenzene	11.305	91	345428	21.130	ug/l		99
79) 2-Chlorotoluene	11.360	91	215061	21.213	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	237947	21.194	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	11997	19.572	ug/l		98
82) 4-Chlorotoluene	11.451	91	248243	20.868	ug/l		100
83) tert-Butylbenzene	11.713	119	232341	20.529	ug/l		98
84) 1,2,4-Trimethylbenzene	11.750	105	243731	21.298	ug/l		99
85) sec-Butylbenzene	11.890	105	279241	20.506	ug/l		100
86) p-Isopropyltoluene	12.006	119	238490	20.892	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	138719	21.182	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	139734	20.666	ug/l		98
89) n-Butylbenzene	12.329	91	213094	20.226	ug/l		99
90) Hexachloroethane	12.536	117	40708	19.400	ug/l		98
91) 1,2-Dichlorobenzene	12.335	146	136060	21.202	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.938	75	15679	19.583	ug/l		99
93) 1,2,4-Trichlorobenzene	13.585	180	78517	20.072	ug/l		99
94) Hexachlorobutadiene	13.725	225	23663	17.404	ug/l		97
95) Naphthalene	13.774	128	230447	20.153	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	71640	19.497	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082825\
Data File : VX047550.D
Acq On : 28 Aug 2025 15:32
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025

Quant Time: Aug 29 02:05:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 29 02:00:27 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

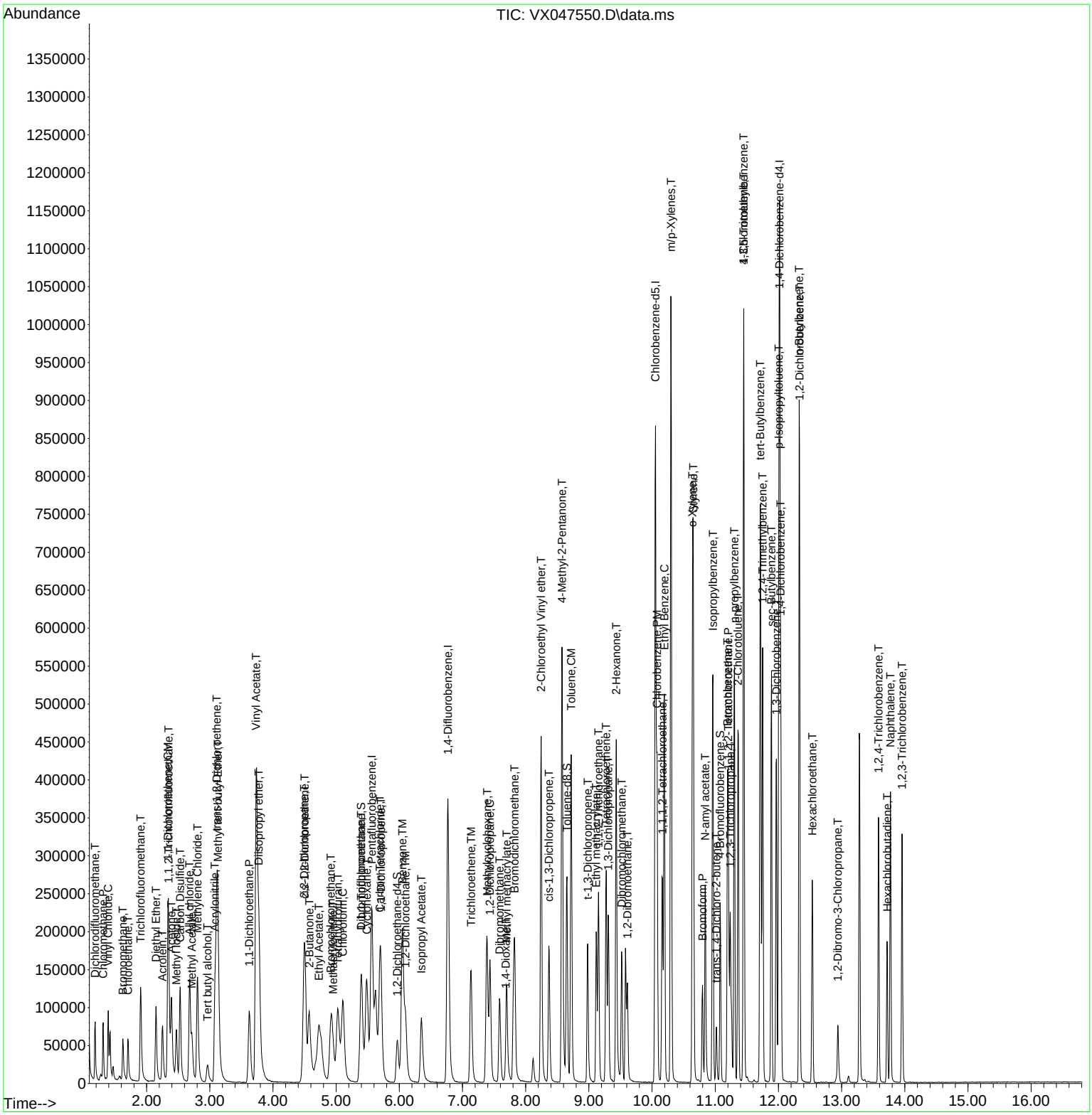
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082825\
Data File : VX047550.D
Acq On : 28 Aug 2025 15:32
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 29 02:05:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 29 02:00:27 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082825\
Data File : VX047551.D
Acq On : 28 Aug 2025 15:53
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025

Quant Time: Aug 29 02:06:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 29 02:00:27 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.568	168	218160	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	386704	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	356532	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	172198	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	165904	49.521	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 99.040%			
35) Dibromofluoromethane	5.397	113	132400	49.885	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.760%			
50) Toluene-d8	8.653	98	463786	49.853	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.700%			
62) 4-Bromofluorobenzene	11.079	95	175780	50.296	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	113941	47.692	ug/l	100
3) Chloromethane	1.307	50	123042	47.154	ug/l	100
4) Vinyl Chloride	1.392	62	148042	48.264	ug/l	100
5) Bromomethane	1.624	94	67801	51.105	ug/l	100
6) Chloroethane	1.703	64	91987	47.202	ug/l	100
7) Trichlorofluoromethane	1.904	101	214308	49.123	ug/l	100
8) Diethyl Ether	2.148	74	87255	50.408	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.349	101	126153	48.554	ug/l	100
10) Methyl Iodide	2.471	142	206313	47.969	ug/l	100
11) Tert butyl alcohol	2.965	59	75087	243.845	ug/l	100
12) 1,1-Dichloroethene	2.337	96	134294	48.744	ug/l	100
13) Acrolein	2.252	56	146081	236.652	ug/l	100
14) Allyl chloride	2.678	41	248874	49.310	ug/l	100
15) Acrylonitrile	3.081	53	348544	252.949	ug/l	100
16) Acetone	2.392	43	305336	230.128	ug/l	100
17) Carbon Disulfide	2.532	76	393094	47.983	ug/l	100
18) Methyl Acetate	2.715	43	167813	51.301	ug/l	100
19) Methyl tert-butyl Ether	3.130	73	455769	50.682	ug/l	100
20) Methylene Chloride	2.806	84	159639	47.282	ug/l	100
21) trans-1,2-Dichloroethene	3.105	96	147547	50.325	ug/l	100
22) Diisopropyl ether	3.776	45	518946	51.052	ug/l	100
23) Vinyl Acetate	3.733	43	2168305	261.960	ug/l	100
24) 1,1-Dichloroethane	3.623	63	278070	49.231	ug/l	100
25) 2-Butanone	4.568	43	436530	250.000	ug/l	100
26) 2,2-Dichloropropane	4.495	77	203205	49.774	ug/l	100
27) cis-1,2-Dichloroethene	4.501	96	177821	49.780	ug/l	100
28) Bromochloromethane	4.916	49	123328	50.596	ug/l	100
29) Tetrahydrofuran	5.026	42	272984	251.926	ug/l	100
30) Chloroform	5.111	83	285370	49.616	ug/l	100
31) Cyclohexane	5.483	56	227466	48.288	ug/l	100
32) 1,1,1-Trichloroethane	5.397	97	233350	49.797	ug/l	100
36) 1,1-Dichloropropene	5.708	75	188303	49.853	ug/l	100
37) Ethyl Acetate	4.727	43	188683	50.681	ug/l	100
38) Carbon Tetrachloride	5.690	117	199596	47.624	ug/l	100
39) Methylcyclohexane	7.385	83	209651	48.129	ug/l	100
40) Benzene	6.050	78	596988	49.506	ug/l	100

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082825\
Data File : VX047551.D
Acq On : 28 Aug 2025 15:53
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 29 02:06:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 29 02:00:27 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.940	41	98733	55.997	ug/l		100
42) 1,2-Dichloroethane	6.099	62	213807	49.253	ug/l		100
43) Isopropyl Acetate	6.348	43	316980	52.988	ug/l		100
44) Trichloroethene	7.129	130	146877	49.158	ug/l		100
45) 1,2-Dichloropropane	7.434	63	153729	50.612	ug/l		100
46) Dibromomethane	7.586	93	112280	50.214	ug/l		100
47) Bromodichloromethane	7.824	83	227421	49.733	ug/l		100
48) Methyl methacrylate	7.696	41	163855	53.247	ug/l		100
49) 1,4-Dioxane	7.678	88	31684	1040.835	ug/l		100
51) 4-Methyl-2-Pentanone	8.574	43	924929	261.685	ug/l		100
52) Toluene	8.720	92	369658	50.302	ug/l		100
53) t-1,3-Dichloropropene	8.976	75	215911	52.409	ug/l		100
54) cis-1,3-Dichloropropene	8.366	75	236201	51.744	ug/l		100
55) 1,1,2-Trichloroethane	9.153	97	143882	50.188	ug/l		100
56) Ethyl methacrylate	9.116	69	224954	53.006	ug/l		100
57) 1,3-Dichloropropane	9.311	76	249456	50.258	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.245	63	515392	257.464	ug/l		100
59) 2-Hexanone	9.433	43	634339	262.714	ug/l		100
60) Dibromochloromethane	9.519	129	172457	50.355	ug/l		100
61) 1,2-Dibromoethane	9.610	107	150197	51.481	ug/l		100
64) Tetrachloroethene	9.275	164	117722	49.286	ug/l		100
65) Chlorobenzene	10.080	112	416042	49.848	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.159	131	142254	50.263	ug/l		100
67) Ethyl Benzene	10.189	91	704427	50.226	ug/l		100
68) m/p-Xylenes	10.299	106	530740	101.885	ug/l		100
69) o-Xylene	10.640	106	258177	51.449	ug/l		100
70) Styrene	10.653	104	453780	52.115	ug/l		100
71) Bromoform	10.799	173	108706	50.442	ug/l	#	100
73) Isopropylbenzene	10.957	105	650862	51.366	ug/l		100
74) N-amyl acetate	10.842	43	275729	52.695	ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.207	83	203959	50.920	ug/l		100
76) 1,2,3-Trichloropropane	11.238	75	163470m	51.941	ug/l		
77) Bromobenzene	11.195	156	169261	52.217	ug/l		100
78) n-propylbenzene	11.305	91	775459	51.403	ug/l		100
79) 2-Chlorotoluene	11.360	91	472411	50.494	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	538692	51.996	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	33171	43.077	ug/l		100
82) 4-Chlorotoluene	11.451	91	554746	50.534	ug/l		100
83) tert-Butylbenzene	11.713	119	535124	51.238	ug/l		100
84) 1,2,4-Trimethylbenzene	11.750	105	550519	52.130	ug/l		100
85) sec-Butylbenzene	11.890	105	636433	50.645	ug/l		100
86) p-Isopropyltoluene	12.006	119	532871	50.586	ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	305281	50.515	ug/l		100
88) 1,4-Dichlorobenzene	12.037	146	308313	49.411	ug/l		100
89) n-Butylbenzene	12.329	91	488066	50.200	ug/l		100
90) Hexachloroethane	12.536	117	97282	50.240	ug/l		100
91) 1,2-Dichlorobenzene	12.335	146	294136	49.669	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	37902	51.300	ug/l		100
93) 1,2,4-Trichlorobenzene	13.585	180	180178	49.913	ug/l		100
94) Hexachlorobutadiene	13.719	225	55448	44.193	ug/l		100
95) Naphthalene	13.774	128	555347	52.629	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	167836	49.498	ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082825\
Data File : VX047551.D
Acq On : 28 Aug 2025 15:53
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025

Quant Time: Aug 29 02:06:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 29 02:00:27 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

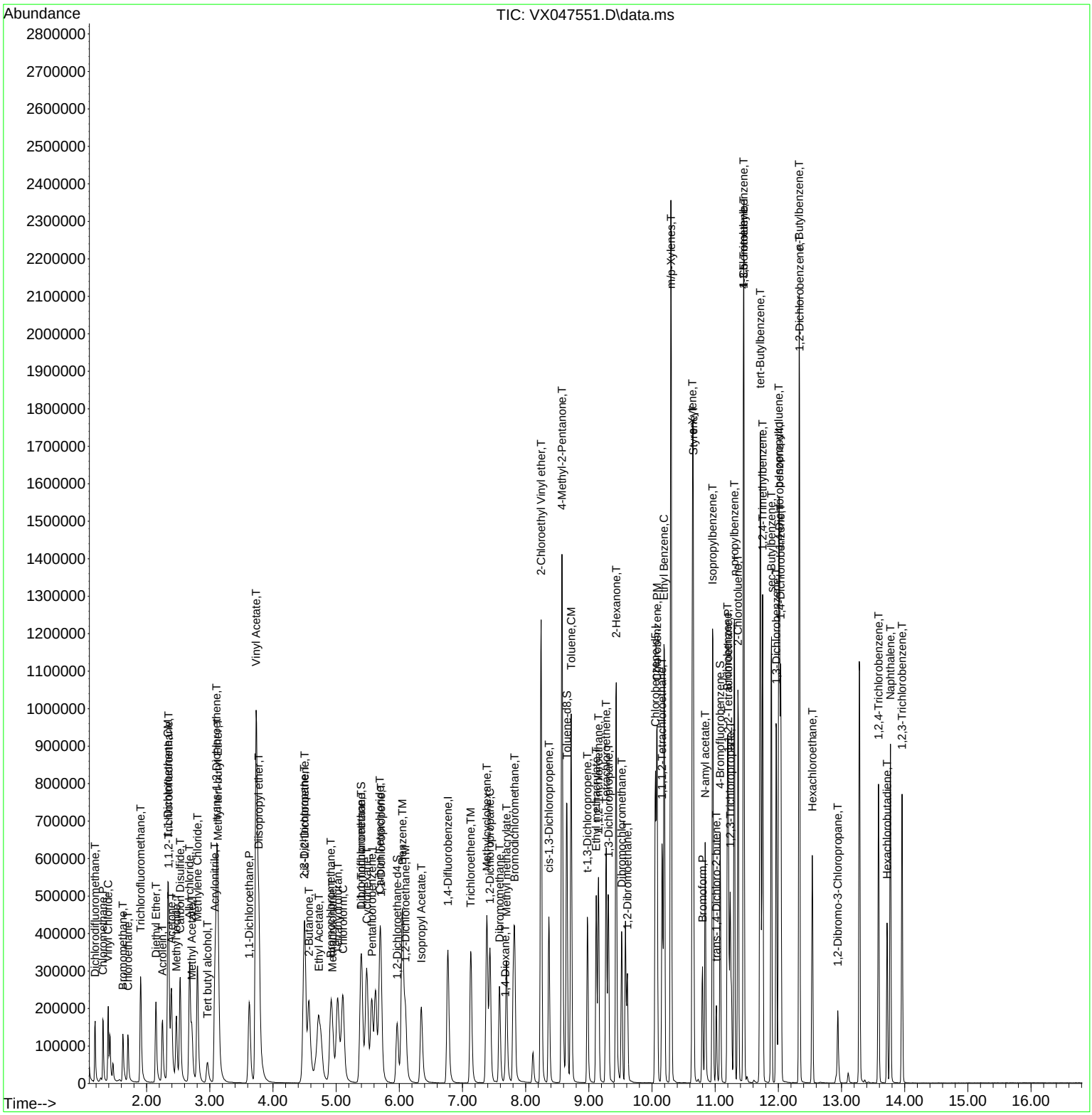
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082825\
Data File : VX047551.D
Acq On : 28 Aug 2025 15:53
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 29 02:06:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 29 02:00:27 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082825\
Data File : VX047552.D
Acq On : 28 Aug 2025 16:14
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025

Quant Time: Aug 29 02:07:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 29 02:00:27 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.568	168	198839	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	355362	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	319240	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	150042	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	321712	105.360	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 210.720%#			
35) Dibromofluoromethane	5.397	113	254653	104.409	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 208.820%#			
50) Toluene-d8	8.653	98	883189	103.309	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 206.620%#			
62) 4-Bromofluorobenzene	11.079	95	328858	102.395	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 204.780%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	215006	98.740	ug/l	96
3) Chloromethane	1.307	50	240425	101.093	ug/l	98
4) Vinyl Chloride	1.392	62	288073	103.043	ug/l	100
5) Bromomethane	1.618	94	133000	109.990	ug/l	94
6) Chloroethane	1.703	64	174851	98.440	ug/l	96
7) Trichlorofluoromethane	1.904	101	407943	102.593	ug/l	97
8) Diethyl Ether	2.148	74	169389	107.366	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.343	101	238334	100.645	ug/l	99
10) Methyl Iodide	2.471	142	465858	118.841	ug/l	98
11) Tert butyl alcohol	2.965	59	151148	538.548	ug/l	98
12) 1,1-Dichloroethene	2.337	96	260543	103.756	ug/l	96
13) Acrolein	2.252	56	297257	528.351	ug/l	98
14) Allyl chloride	2.678	41	492782	107.123	ug/l	99
15) Acrylonitrile	3.081	53	696925	554.925	ug/l	100
16) Acetone	2.392	43	601969	497.782	ug/l	99
17) Carbon Disulfide	2.526	76	754008	100.982	ug/l	99
18) Methyl Acetate	2.715	43	324782	108.935	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	895223	109.223	ug/l	99
20) Methylene Chloride	2.800	84	306098	99.471	ug/l	99
21) trans-1,2-Dichloroethene	3.105	96	281026	105.166	ug/l	97
22) Diisopropyl ether	3.770	45	990382	106.897	ug/l #	84
23) Vinyl Acetate	3.733	43	4224047	559.909	ug/l	99
24) 1,1-Dichloroethane	3.623	63	536336	104.182	ug/l	98
25) 2-Butanone	4.568	43	869840	546.561	ug/l	99
26) 2,2-Dichloropropane	4.489	77	405935	109.092	ug/l	98
27) cis-1,2-Dichloroethene	4.501	96	341485	104.886	ug/l	99
28) Bromochloromethane	4.910	49	231907	104.386	ug/l #	99
29) Tetrahydrofuran	5.019	42	540879	547.658	ug/l	99
30) Chloroform	5.105	83	542820	103.549	ug/l	97
31) Cyclohexane	5.483	56	422251	98.348	ug/l	99
32) 1,1,1-Trichloroethane	5.397	97	452709	105.996	ug/l	98
36) 1,1-Dichloropropene	5.702	75	356555	102.722	ug/l	99
37) Ethyl Acetate	4.727	43	379465	110.916	ug/l	99
38) Carbon Tetrachloride	5.690	117	381617	99.086	ug/l	100
39) Methylcyclohexane	7.385	83	408570	102.066	ug/l	99
40) Benzene	6.050	78	1137533	102.652	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082825\
Data File : VX047552.D
Acq On : 28 Aug 2025 16:14
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 29 02:07:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 29 02:00:27 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.940	41	185527	114.504	ug/l		96
42) 1,2-Dichloroethane	6.092	62	408858	102.491	ug/l		99
43) Isopropyl Acetate	6.348	43	623187	113.364	ug/l		100
44) Trichloroethene	7.129	130	278984	101.609	ug/l		95
45) 1,2-Dichloropropane	7.434	63	297190	106.473	ug/l		99
46) Dibromomethane	7.586	93	215122	104.693	ug/l		99
47) Bromodichloromethane	7.824	83	437725	104.165	ug/l		99
48) Methyl methacrylate	7.696	41	326436	115.436	ug/l		99
49) 1,4-Dioxane	7.671	88	64873	2319.068	ug/l	#	77
51) 4-Methyl-2-Pentanone	8.574	43	1790905	551.380	ug/l		99
52) Toluene	8.720	92	696997	103.209	ug/l		98
53) t-1,3-Dichloropropene	8.976	75	424485	112.125	ug/l		98
54) cis-1,3-Dichloropropene	8.366	75	462107	110.161	ug/l		97
55) 1,1,2-Trichloroethane	9.153	97	273495	103.812	ug/l		98
56) Ethyl methacrylate	9.116	69	446375	114.456	ug/l		100
57) 1,3-Dichloropropane	9.311	76	471714	103.418	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.245	63	1053546	494.457	ug/l		100
59) 2-Hexanone	9.433	43	1232265	555.359	ug/l		99
60) Dibromochloromethane	9.519	129	327207	103.966	ug/l		99
61) 1,2-Dibromoethane	9.610	107	287140	107.100	ug/l		99
64) Tetrachloroethene	9.275	164	220100	102.911	ug/l		96
65) Chlorobenzene	10.080	112	776149	103.857	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.159	131	276728	109.198	ug/l		99
67) Ethyl Benzene	10.195	91	1338828	106.611	ug/l		99
68) m/p-Xylenes	10.299	106	998582	214.089	ug/l		99
69) o-Xylene	10.640	106	487045	108.395	ug/l		100
70) Styrene	10.653	104	856328	109.835	ug/l		100
71) Bromoform	10.799	173	213049	110.407	ug/l	#	99
73) Isopropylbenzene	10.964	105	1218962	110.406	ug/l		99
74) N-amyl acetate	10.842	43	550426	120.725	ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.207	83	382279	109.533	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	311389m	113.550	ug/l		
77) Bromobenzene	11.195	156	308381	109.184	ug/l		96
78) n-propylbenzene	11.305	91	1447626	110.128	ug/l		100
79) 2-Chlorotoluene	11.360	91	880716	108.037	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	1006412	111.485	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	76124	100.715	ug/l		96
82) 4-Chlorotoluene	11.451	91	1026804	107.348	ug/l		99
83) tert-Butylbenzene	11.713	119	1010994	111.097	ug/l		98
84) 1,2,4-Trimethylbenzene	11.750	105	1024567	111.344	ug/l		100
85) sec-Butylbenzene	11.890	105	1197848	109.395	ug/l		100
86) p-Isopropyltoluene	12.006	119	1006017	109.604	ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	562107	106.747	ug/l		99
88) 1,4-Dichlorobenzene	12.037	146	570339	104.901	ug/l		100
89) n-Butylbenzene	12.329	91	929635	109.737	ug/l		100
90) Hexachloroethane	12.536	117	190702	113.028	ug/l		99
91) 1,2-Dichlorobenzene	12.335	146	545902	105.795	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	76333	118.572	ug/l		99
93) 1,2,4-Trichlorobenzene	13.585	180	358807	114.075	ug/l		99
94) Hexachlorobutadiene	13.719	225	110032	100.647	ug/l		98
95) Naphthalene	13.774	128	1108636	120.578	ug/l		99
96) 1,2,3-Trichlorobenzene	13.957	180	336577	113.920	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082825\
Data File : VX047552.D
Acq On : 28 Aug 2025 16:14
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025

Quant Time: Aug 29 02:07:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 29 02:00:27 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

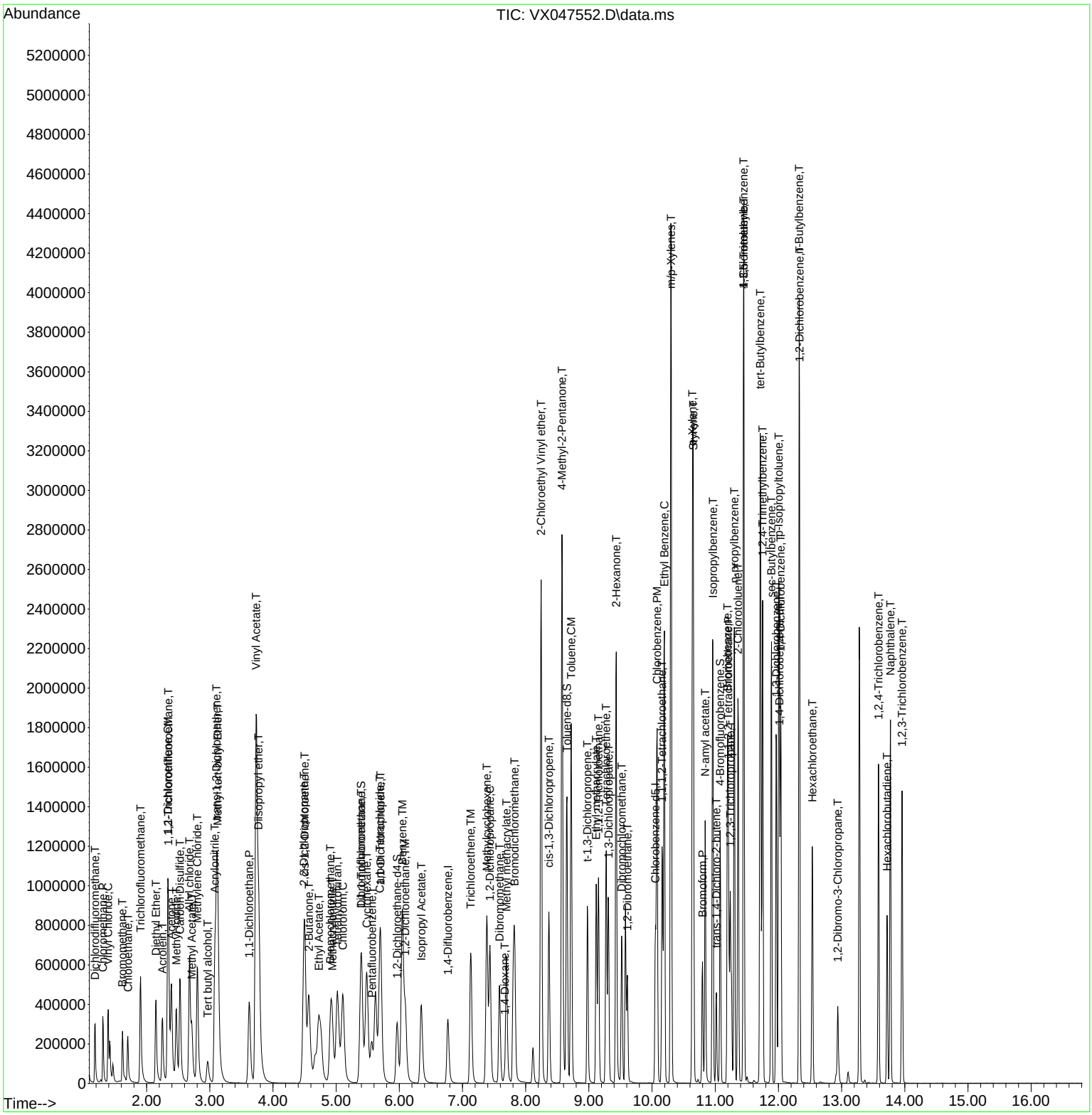
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082825\
Data File : VX047552.D
Acq On : 28 Aug 2025 16:14
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 29 02:07:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 29 02:00:27 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082825\
Data File : VX047553.D
Acq On : 28 Aug 2025 16:35
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025

Quant Time: Aug 29 02:08:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 29 02:00:27 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Pentafluorobenzene	5.562	168	213826	50.000 ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	367494	50.000 ug/l	0.00
63) Chlorobenzene-d5	10.055	117	327029	50.000 ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	153621	50.000 ug/l	# 0.00
System Monitoring Compounds					
33) 1,2-Dichloroethane-d4	5.964	65	483001	147.094 ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 294.180%#		
35) Dibromofluoromethane	5.397	113	389287	154.340 ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 308.680%#		
50) Toluene-d8	8.653	98	1374705	155.494 ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 310.980%#		
62) 4-Bromofluorobenzene	11.079	95	504547	151.912 ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 303.820%#		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.179	85	385233	164.515 ug/l	99
3) Chloromethane	1.307	50	381081	149.004 ug/l	98
4) Vinyl Chloride	1.392	62	472813	157.270 ug/l	100
5) Bromomethane	1.611	94	145622	111.987 ug/l	97
6) Chloroethane	1.697	64	269441	141.062 ug/l	97
7) Trichlorofluoromethane	1.898	101	674459	157.731 ug/l	98
8) Diethyl Ether	2.148	74	247161	145.680 ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.343	101	420433	165.098 ug/l	100
10) Methyl Iodide	2.465	142	735821	174.552 ug/l	98
11) Tert butyl alcohol	2.977	59	226396	750.122 ug/l	99
12) 1,1-Dichloroethene	2.331	96	419214	155.243 ug/l	99
13) Acrolein	2.252	56	425697	703.610 ug/l	98
14) Allyl chloride	2.678	41	729043	147.374 ug/l	99
15) Acrylonitrile	3.081	53	1011396	748.877 ug/l	100
16) Acetone	2.392	43	837138	643.729 ug/l	99
17) Carbon Disulfide	2.526	76	1213269	151.101 ug/l	99
18) Methyl Acetate	2.715	43	478545	149.259 ug/l	99
19) Methyl tert-butyl Ether	3.123	73	1290455	146.409 ug/l	99
20) Methylene Chloride	2.800	84	439800	132.902 ug/l	99
21) trans-1,2-Dichloroethene	3.105	96	429939	149.615 ug/l	97
22) Diisopropyl ether	3.770	45	1421773	142.704 ug/l	86
23) Vinyl Acetate	3.733	43	6028768	743.119 ug/l	100
24) 1,1-Dichloroethane	3.623	63	800820	144.654 ug/l	99
25) 2-Butanone	4.568	43	1235191	721.729 ug/l	98
26) 2,2-Dichloropropane	4.489	77	638595	159.590 ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	508026	145.102 ug/l	99
28) Bromochloromethane	4.910	49	323850	135.555 ug/l #	100
29) Tetrahydrofuran	5.019	42	780424	734.821 ug/l	99
30) Chloroform	5.105	83	795563	141.125 ug/l	98
31) Cyclohexane	5.483	56	728629	157.812 ug/l	97
32) 1,1,1-Trichloroethane	5.397	97	708171	154.187 ug/l	99
36) 1,1-Dichloropropene	5.702	75	572445	159.475 ug/l	99
37) Ethyl Acetate	4.727	43	555773	157.088 ug/l	100
38) Carbon Tetrachloride	5.690	117	624107	156.698 ug/l	98
39) Methylcyclohexane	7.385	83	737796	178.226 ug/l	99
40) Benzene	6.050	78	1694836	147.894 ug/l	99

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082825\
Data File : VX047553.D
Acq On : 28 Aug 2025 16:35
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 29 02:08:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 29 02:00:27 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.940	41	272387	162.563	ug/l		98
42) 1,2-Dichloroethane	6.092	62	583675	141.484	ug/l		99
43) Isopropyl Acetate	6.348	43	918498	161.568	ug/l		99
44) Trichloroethene	7.129	130	437547	154.098	ug/l		99
45) 1,2-Dichloropropane	7.434	63	431747	149.574	ug/l		100
46) Dibromomethane	7.586	93	311263	146.481	ug/l		99
47) Bromodichloromethane	7.824	83	641887	147.706	ug/l		99
48) Methyl methacrylate	7.696	41	475387	162.559	ug/l		99
49) 1,4-Dioxane	7.671	88	96124	3322.783	ug/l		98
51) 4-Methyl-2-Pentanone	8.574	43	2548420	758.701	ug/l		99
52) Toluene	8.720	92	1043796	149.460	ug/l		98
53) t-1,3-Dichloropropene	8.976	75	624405	159.487	ug/l		100
54) cis-1,3-Dichloropropene	8.366	75	679287	156.588	ug/l		98
55) 1,1,2-Trichloroethane	9.153	97	387542	142.245	ug/l		97
56) Ethyl methacrylate	9.116	69	644759	159.867	ug/l		99
57) 1,3-Dichloropropane	9.311	76	669995	142.040	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.244	63	1905412	751.483	ug/l		99
59) 2-Hexanone	9.433	43	1778509	775.079	ug/l		99
60) Dibromochloromethane	9.519	129	473011	145.332	ug/l		99
61) 1,2-Dibromoethane	9.610	107	409633	147.744	ug/l		99
64) Tetrachloroethene	9.275	164	346717	158.252	ug/l		95
65) Chlorobenzene	10.079	112	1154335	150.783	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.165	131	401675	154.728	ug/l		100
67) Ethyl Benzene	10.195	91	2026694	157.542	ug/l		99
68) m/p-Xylenes	10.299	106	1486082	311.017	ug/l		100
69) o-Xylene	10.640	106	727887	158.138	ug/l		100
70) Styrene	10.652	104	1240847	155.364	ug/l		99
71) Bromoform	10.799	173	309212	156.425	ug/l	#	99
73) Isopropylbenzene	10.963	105	1882800	166.560	ug/l		99
74) N-amyl acetate	10.841	43	815962	174.796	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.213	83	542662	151.864	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	435699m	155.179	ug/l		
77) Bromobenzene	11.195	156	451736	156.214	ug/l		98
78) n-propylbenzene	11.305	91	2238537	166.329	ug/l		100
79) 2-Chlorotoluene	11.366	91	1314013	157.434	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	1530115	165.549	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	120726	151.724	ug/l		94
82) 4-Chlorotoluene	11.451	91	1540992	157.351	ug/l		99
83) tert-Butylbenzene	11.713	119	1551506	166.522	ug/l		97
84) 1,2,4-Trimethylbenzene	11.750	105	1545893	164.085	ug/l		99
85) sec-Butylbenzene	11.890	105	1909746	170.347	ug/l		100
86) p-Isopropyltoluene	12.006	119	1595335	169.760	ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	841264	156.039	ug/l		99
88) 1,4-Dichlorobenzene	12.042	146	842386	151.329	ug/l		99
89) n-Butylbenzene	12.329	91	1526745	176.023	ug/l		99
90) Hexachloroethane	12.536	117	307225	177.848	ug/l		98
91) 1,2-Dichlorobenzene	12.335	146	806823	152.719	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	112773	171.096	ug/l		100
93) 1,2,4-Trichlorobenzene	13.585	180	550522	170.949	ug/l		99
94) Hexachlorobutadiene	13.725	225	189348	169.163	ug/l		98
95) Naphthalene	13.774	128	1653844	175.686	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	511803	169.193	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082825\
Data File : VX047553.D
Acq On : 28 Aug 2025 16:35
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025

Quant Time: Aug 29 02:08:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 29 02:00:27 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

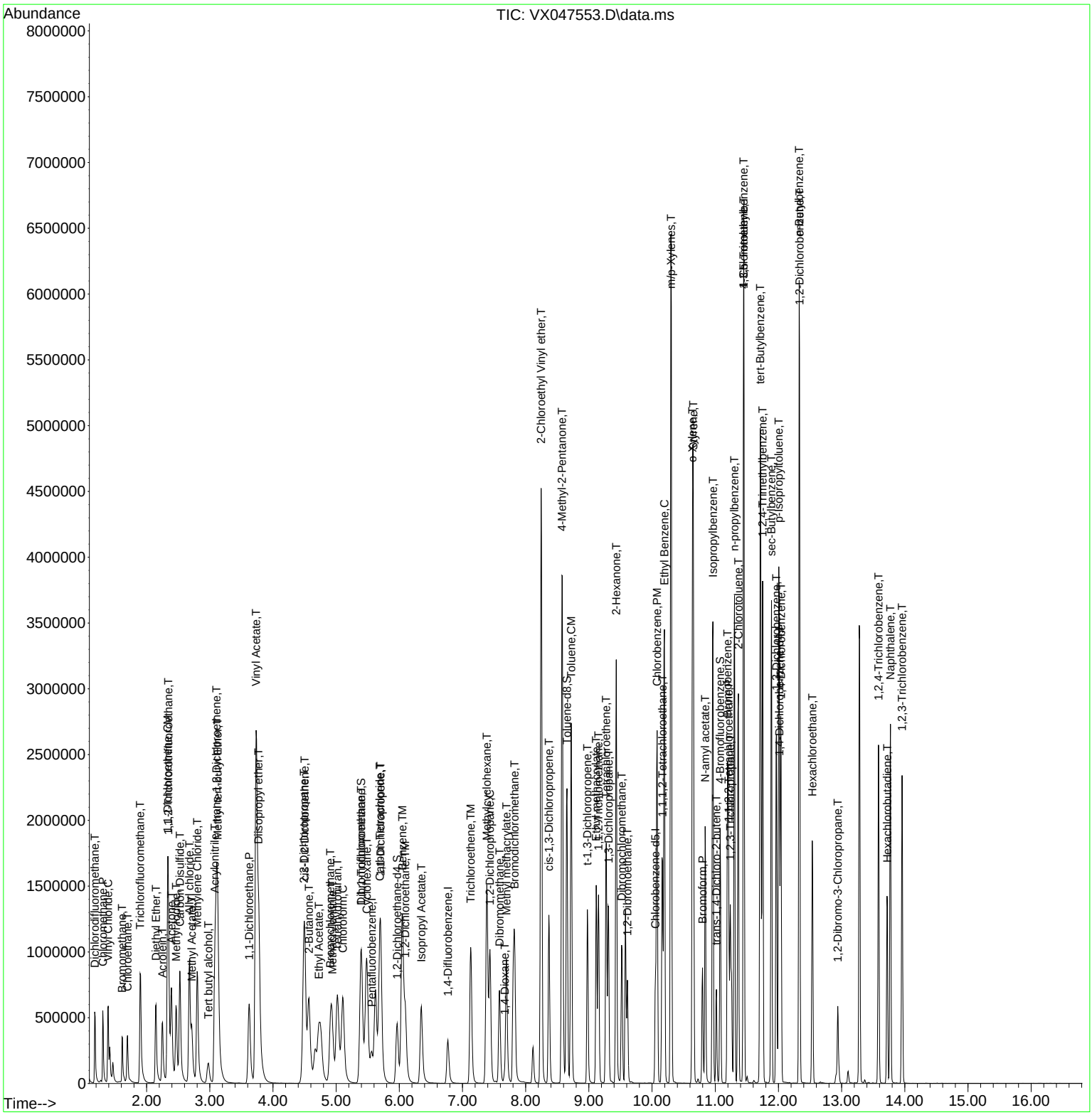
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082825\
Data File : VX047553.D
Acq On : 28 Aug 2025 16:35
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 29 02:08:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 29 02:00:27 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082825\
Data File : VX047555.D
Acq On : 28 Aug 2025 17:17
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX082825

Manual Integrations APPROVED

Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025

Quant Time: Aug 29 02:38:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 29 02:31:18 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.568	168	232122	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	421642	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	385446	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	189879	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	164865	46.251	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.500%		
35) Dibromofluoromethane	5.397	113	128465	44.392	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	88.780%		
50) Toluene-d8	8.653	98	455176	44.873	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	89.740%#		
62) 4-Bromofluorobenzene	11.079	95	174702	45.845	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.700%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	119884	47.161	ug/l	100
3) Chloromethane	1.307	50	133896	48.227	ug/l	98
4) Vinyl Chloride	1.392	62	155045	47.507	ug/l	99
5) Bromomethane	1.624	94	77461	54.874	ug/l	96
6) Chloroethane	1.703	64	97648	47.093	ug/l	93
7) Trichlorofluoromethane	1.904	101	223890	48.232	ug/l	96
8) Diethyl Ether	2.148	74	92084	49.998	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.349	101	134926	48.807	ug/l	99
10) Methyl Iodide	2.471	142	228295	49.888	ug/l	96
11) Tert butyl alcohol	2.959	59	86832	265.025	ug/l	98
12) 1,1-Dichloroethene	2.337	96	142611	48.649	ug/l	94
13) Acrolein	2.252	56	147978	225.306	ug/l	99
14) Allyl chloride	2.678	41	266639	49.652	ug/l	99
15) Acrylonitrile	3.081	53	386795	263.824	ug/l	99
16) Acetone	2.392	43	308927	218.830	ug/l	97
17) Carbon Disulfide	2.532	76	416251	47.754	ug/l	99
18) Methyl Acetate	2.715	43	183195	52.635	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	488620	51.067	ug/l	99
20) Methylene Chloride	2.800	84	169565	47.201	ug/l	99
21) trans-1,2-Dichloroethene	3.105	96	156146	50.055	ug/l	95
22) Diisopropyl ether	3.770	45	549055	50.765	ug/l #	82
23) Vinyl Acetate	3.733	43	2330054	264.570	ug/l	99
24) 1,1-Dichloroethane	3.623	63	293168	48.782	ug/l	97
25) 2-Butanone	4.568	43	474712	255.514	ug/l	99
26) 2,2-Dichloropropane	4.495	77	211479	48.684	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	188487	49.592	ug/l	99
28) Bromochloromethane	4.916	49	120997	46.654	ug/l #	100
29) Tetrahydrofuran	5.026	42	300641	260.761	ug/l	100
30) Chloroform	5.111	83	298879	48.839	ug/l	99
31) Cyclohexane	5.483	56	240407	47.965	ug/l	99
32) 1,1,1-Trichloroethane	5.397	97	248074	49.755	ug/l	99
36) 1,1-Dichloropropene	5.702	75	199464	48.432	ug/l	99
37) Ethyl Acetate	4.721	43	208471	51.357	ug/l	100
38) Carbon Tetrachloride	5.690	117	211826	46.354	ug/l	99
39) Methylcyclohexane	7.385	83	230935	48.622	ug/l	97
40) Benzene	6.050	78	628380	47.792	ug/l	98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082825\
Data File : VX047555.D
Acq On : 28 Aug 2025 17:17
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Aug 29 02:38:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 29 02:31:18 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
ICVVX082825

Manual Integrations APPROVED

Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.934	41	101518	52.806	ug/l		94
42) 1,2-Dichloroethane	6.092	62	227055	47.970	ug/l		99
43) Isopropyl Acetate	6.348	43	342265	52.474	ug/l		100
44) Trichloroethene	7.135	130	155099	47.609	ug/l		97
45) 1,2-Dichloropropane	7.434	63	159424	48.138	ug/l		99
46) Dibromomethane	7.586	93	118629	48.658	ug/l		100
47) Bromodichloromethane	7.824	83	241714	48.478	ug/l		98
48) Methyl methacrylate	7.696	41	178499	53.199	ug/l		99
49) 1,4-Dioxane	7.678	88	34993	1054.284	ug/l		97
51) 4-Methyl-2-Pentanone	8.574	43	1004153	260.559	ug/l		100
52) Toluene	8.720	92	386661	48.255	ug/l		100
53) t-1,3-Dichloropropene	8.976	75	230264	51.262	ug/l		100
54) cis-1,3-Dichloropropene	8.366	75	252515	50.734	ug/l		96
55) 1,1,2-Trichloroethane	9.153	97	152583	48.813	ug/l		98
56) Ethyl methacrylate	9.116	69	244410	52.819	ug/l		99
57) 1,3-Dichloropropane	9.311	76	265758	49.106	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.244	63	554119	254.383	ug/l		100
59) 2-Hexanone	9.433	43	689739	261.988	ug/l		100
60) Dibromochloromethane	9.519	129	180029	48.210	ug/l		98
61) 1,2-Dibromoethane	9.610	107	160220	50.366	ug/l		99
64) Tetrachloroethene	9.275	164	125439	48.577	ug/l		98
65) Chlorobenzene	10.080	112	436857	48.415	ug/l		97
66) 1,1,1,2-Tetrachloroethane	10.159	131	151216	49.421	ug/l		99
67) Ethyl Benzene	10.195	91	741706	48.917	ug/l		98
68) m/p-Xylenes	10.299	106	561404	99.687	ug/l		99
69) o-Xylene	10.640	106	272814	50.288	ug/l		100
70) Styrene	10.653	104	477912	50.769	ug/l		100
71) Bromoform	10.799	173	117364	50.374	ug/l	#	100
73) Isopropylbenzene	10.964	105	694905	49.735	ug/l		100
74) N-amyl acetate	10.842	43	298757	51.779	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	217855	49.325	ug/l		100
76) 1,2,3-Trichloropropane	11.238	75	173608m	51.229	ug/l		
77) Bromobenzene	11.195	156	176748	49.450	ug/l		98
78) n-propylbenzene	11.305	91	823059	49.478	ug/l		99
79) 2-Chlorotoluene	11.360	91	499326	48.401	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	572739	50.134	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	37316	43.790	ug/l		97
82) 4-Chlorotoluene	11.451	91	588305	48.601	ug/l		100
83) tert-Butylbenzene	11.713	119	566804	49.218	ug/l		98
84) 1,2,4-Trimethylbenzene	11.750	105	583144	50.077	ug/l		99
85) sec-Butylbenzene	11.890	105	680901	49.138	ug/l		99
86) p-Isopropyltoluene	12.006	119	573212	49.348	ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	319174	47.896	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	326791	47.496	ug/l		99
89) n-Butylbenzene	12.329	91	532675	49.687	ug/l		99
90) Hexachloroethane	12.536	117	104455	48.921	ug/l		100
91) 1,2-Dichlorobenzene	12.335	146	309045	47.327	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	41557	51.010	ug/l		98
93) 1,2,4-Trichlorobenzene	13.585	180	200160	50.286	ug/l		100
94) Hexachlorobutadiene	13.719	225	66898	48.354	ug/l		98
95) Naphthalene	13.774	128	612501	52.641	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	189849	50.776	ug/l		97

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082825\
Data File : VX047555.D
Acq On : 28 Aug 2025 17:17
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX082825

Manual Integrations APPROVED

Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025

Quant Time: Aug 29 02:38:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 29 02:31:18 2025
Response via : Initial Calibration

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

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

ICAL Form

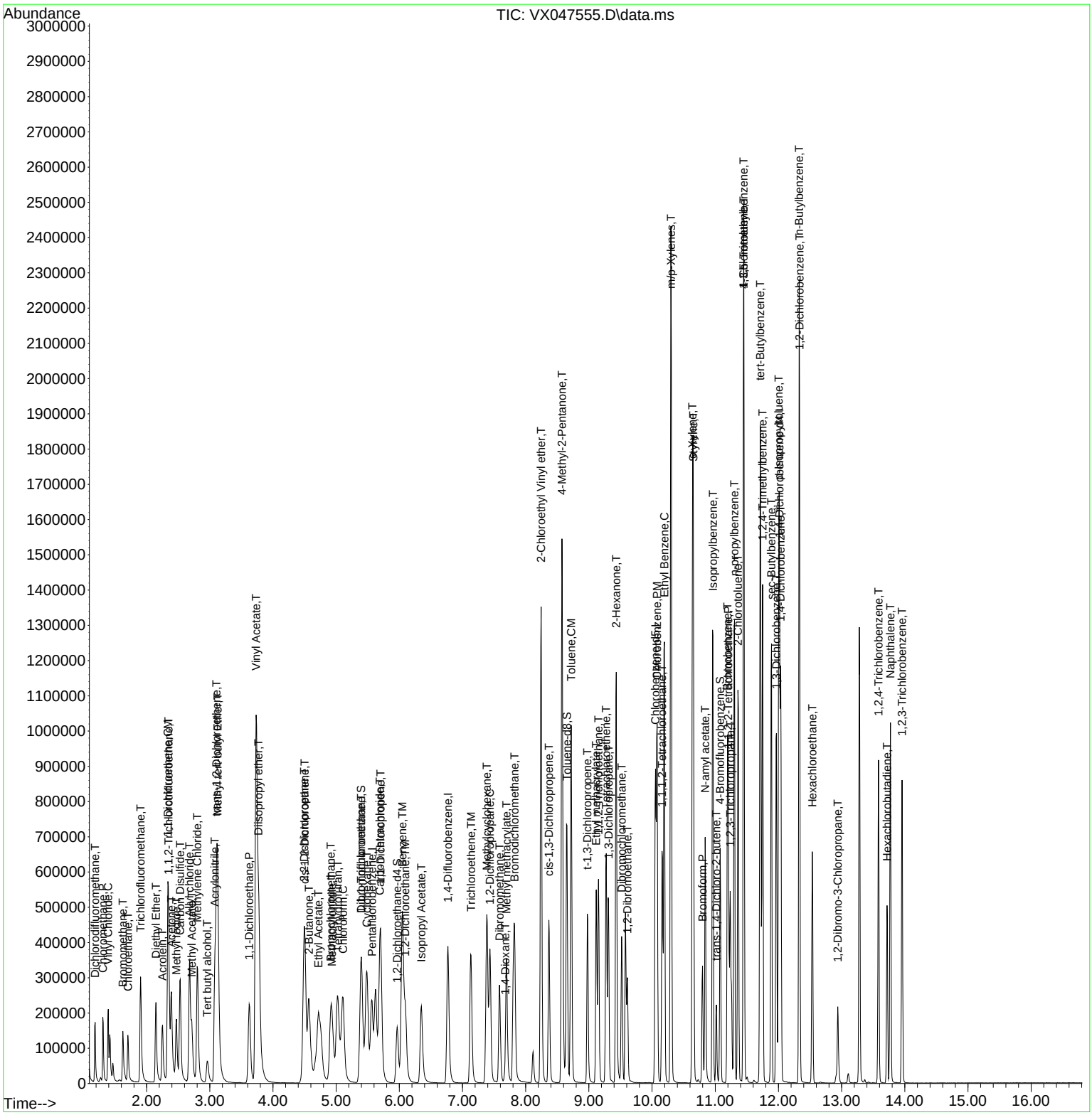
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082825\
Data File : VX047555.D
Acq On : 28 Aug 2025 17:17
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Aug 29 02:38:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 29 02:31:18 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
ICVVX082825

Manual Integrations APPROVED

Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082825\
Data File : VX047555.D
Acq On : 28 Aug 2025 17:17
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX082825

Quant Time: Aug 29 02:38:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 29 02:31:18 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	106	0.00
2	T	Dichlorodifluoromethane	0.548	0.516	5.8	105	0.00
3	P	Chloromethane	0.598	0.577	3.5	109	0.00
4	C	Vinyl Chloride	0.703	0.668	5.0#	105	0.00
5	T	Bromomethane	0.304	0.334	-9.9	114	0.00
6	T	Chloroethane	0.447	0.421	5.8	106	0.00
7	T	Trichlorofluoromethane	1.000	0.965	3.5	104	0.00
8	T	Diethyl Ether	0.397	0.397	0.0	106	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.595	0.581	2.4	107	0.00
10	T	Methyl Iodide	0.986	0.984	0.2	111	0.00
11	T	Tert butyl alcohol	0.071	0.075	-5.6	116	0.00
12	CM	1,1-Dichloroethene	0.631	0.614	2.7#	106	0.00
13	T	Acrolein	0.141	0.128	9.2	101	0.00
14	T	Allyl chloride	1.157	1.149	0.7	107	0.00
15	T	Acrylonitrile	0.316	0.333	-5.4	111	0.00
16	T	Acetone	0.304	0.266	12.5	101	0.00
17	T	Carbon Disulfide	1.878	1.793	4.5	106	0.00
18	T	Methyl Acetate	0.750	0.789	-5.2	109	0.00
19	T	Methyl tert-butyl Ether	2.061	2.105	-2.1	107	0.00
20	T	Methylene Chloride	0.774	0.730	5.7	106	0.00
21	T	trans-1,2-Dichloroethene	0.672	0.673	-0.1	106	0.00
22	T	Diisopropyl ether	2.330	2.365	-1.5	106	0.00
23	T	Vinyl Acetate	1.897	2.008	-5.9	107	0.00
24	P	1,1-Dichloroethane	1.295	1.263	2.5	105	0.00
25	T	2-Butanone	0.400	0.409	-2.2	109	0.00
26	T	2,2-Dichloropropane	0.936	0.911	2.7	104	0.00
27	T	cis-1,2-Dichloroethene	0.819	0.812	0.9	106	0.00
28	T	Bromochloromethane	0.559	0.521	6.8	98	0.00
29	T	Tetrahydrofuran	0.248	0.259	-4.4	110	0.00
30	C	Chloroform	1.318	1.288	2.3#	105	0.00
31	T	Cyclohexane	1.080	1.036	4.1	106	0.00
32	T	1,1,1-Trichloroethane	1.074	1.069	0.5	106	0.00
33	S	1,2-Dichloroethane-d4	0.768	0.710	7.6	99	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	109	0.00
35	S	Dibromofluoromethane	0.343	0.305	11.1	97	0.00
36	T	1,1-Dichloropropene	0.488	0.473	3.1	106	0.00
37	T	Ethyl Acetate	0.481	0.494	-2.7	110	0.00
38	T	Carbon Tetrachloride	0.542	0.502	7.4	106	0.00
39	T	Methylcyclohexane	0.563	0.548	2.7	110	0.00
40	TM	Benzene	1.559	1.490	4.4	105	0.00
41	T	Methacrylonitrile	0.228	0.241	-5.7	103	0.00
42	TM	1,2-Dichloroethane	0.561	0.539	3.9	106	0.00
43	T	Isopropyl Acetate	0.773	0.812	-5.0	108	0.00
44	TM	Trichloroethene	0.386	0.368	4.7	106	0.00
45	C	1,2-Dichloropropane	0.393	0.378	3.8#	104	0.00
46	T	Dibromomethane	0.289	0.281	2.8	106	0.00
47	T	Bromodichloromethane	0.591	0.573	3.0	106	0.00
48	T	Methyl methacrylate	0.398	0.423	-6.3	109	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082825\
Data File : VX047555.D
Acq On : 28 Aug 2025 17:17
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX082825

Quant Time: Aug 29 02:38:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 29 02:31:18 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	110	0.00
50	S	Toluene-d8	1.203	1.080	10.2	98	0.00
51	T	4-Methyl-2-Pentanone	0.457	0.476	-4.2	109	0.00
52	CM	Toluene	0.950	0.917	3.5#	105	0.00
53	T	t-1,3-Dichloropropene	0.533	0.546	-2.4	107	0.00
54	T	cis-1,3-Dichloropropene	0.590	0.599	-1.5	107	0.00
55	T	1,1,2-Trichloroethane	0.371	0.362	2.4	106	0.00
56	T	Ethyl methacrylate	0.549	0.580	-5.6	109	0.00
57	T	1,3-Dichloropropane	0.642	0.630	1.9	107	0.00
58	T	2-Chloroethyl Vinyl ether	0.259	0.263	-1.5	108	0.00
59	T	2-Hexanone	0.312	0.327	-4.8	109	0.00
60	T	Dibromochloromethane	0.443	0.427	3.6	104	0.00
61	T	1,2-Dibromoethane	0.377	0.380	-0.8	107	0.00
62	S	4-Bromofluorobenzene	0.452	0.414	8.4	99	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	108	0.00
64	T	Tetrachloroethene	0.335	0.325	3.0	107	0.00
65	PM	Chlorobenzene	1.170	1.133	3.2	105	0.00
66	T	1,1,1,2-Tetrachloroethane	0.397	0.392	1.3	106	0.00
67	C	Ethyl Benzene	1.967	1.924	2.2#	105	0.00
68	T	m/p-Xylenes	0.731	0.728	0.4	106	0.00
69	T	o-Xylene	0.704	0.708	-0.6	106	0.00
70	T	Styrene	1.221	1.240	-1.6	105	0.00
71	P	Bromoform	0.302	0.304	-0.7	108	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	110	0.00
73	T	Isopropylbenzene	3.679	3.660	0.5	107	0.00
74	T	N-amyl acetate	1.519	1.573	-3.6	108	0.00
75	P	1,1,2,2-Tetrachloroethane	1.163	1.147	1.4	107	0.00
76	T	1,2,3-Trichloropropane	0.892	0.914	-2.5	106	0.00
77	T	Bromobenzene	0.941	0.931	1.1	104	0.00
78	T	n-propylbenzene	4.380	4.335	1.0	106	0.00
79	T	2-Chlorotoluene	2.717	2.630	3.2	106	0.00
80	T	1,3,5-Trimethylbenzene	3.008	3.016	-0.3	106	0.00
81	T	trans-1,4-Dichloro-2-butene	0.197	0.197	0.0	112	0.00
82	T	4-Chlorotoluene	3.188	3.098	2.8	106	0.00
83	T	tert-Butylbenzene	3.033	2.985	1.6	106	0.00
84	T	1,2,4-Trimethylbenzene	3.066	3.071	-0.2	106	0.00
85	T	sec-Butylbenzene	3.649	3.586	1.7	107	0.00
86	T	p-Isopropyltoluene	3.059	3.019	1.3	108	0.00
87	T	1,3-Dichlorobenzene	1.755	1.681	4.2	105	0.00
88	T	1,4-Dichlorobenzene	1.812	1.721	5.0	106	0.00
89	T	n-Butylbenzene	2.823	2.805	0.6	109	0.00
90	T	Hexachloroethane	0.562	0.550	2.1	107	0.00
91	T	1,2-Dichlorobenzene	1.720	1.628	5.3	105	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.215	0.219	-1.9	110	0.00
93	T	1,2,4-Trichlorobenzene	1.048	1.054	-0.6	111	0.00
94	T	Hexachlorobutadiene	0.364	0.352	3.3	121	0.00
95	T	Naphthalene	3.064	3.226	-5.3	110	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082825\
Data File : VX047555.D
Acq On : 28 Aug 2025 17:17
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX082825

Quant Time: Aug 29 02:38:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 29 02:31:18 2025
Response via : Initial Calibration

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.985	1.000	-1.5	113	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\VX082825\
Data File : VX047555.D
Acq On : 28 Aug 2025 17:17
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX082825

Quant Time: Aug 29 02:38:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 29 02:31:18 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	106	0.00
2	T	Dichlorodifluoromethane	50.000	47.161	5.7	105	0.00
3	P	Chloromethane	50.000	48.227	3.5	109	0.00
4	C	Vinyl Chloride	50.000	47.507	5.0#	105	0.00
5	T	Bromomethane	50.000	54.874	-9.7	114	0.00
6	T	Chloroethane	50.000	47.093	5.8	106	0.00
7	T	Trichlorofluoromethane	50.000	48.232	3.5	104	0.00
8	T	Diethyl Ether	50.000	49.998	0.0	106	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	48.807	2.4	107	0.00
10	T	Methyl Iodide	50.000	49.888	0.2	111	0.00
11	T	Tert butyl alcohol	250.000	265.025	-6.0	116	0.00
12	CM	1,1-Dichloroethene	50.000	48.649	2.7#	106	0.00
13	T	Acrolein	250.000	225.306	9.9	101	0.00
14	T	Allyl chloride	50.000	49.652	0.7	107	0.00
15	T	Acrylonitrile	250.000	263.824	-5.5	111	0.00
16	T	Acetone	250.000	218.830	12.5	101	0.00
17	T	Carbon Disulfide	50.000	47.754	4.5	106	0.00
18	T	Methyl Acetate	50.000	52.635	-5.3	109	0.00
19	T	Methyl tert-butyl Ether	50.000	51.067	-2.1	107	0.00
20	T	Methylene Chloride	50.000	47.201	5.6	106	0.00
21	T	trans-1,2-Dichloroethene	50.000	50.055	-0.1	106	0.00
22	T	Diisopropyl ether	50.000	50.765	-1.5	106	0.00
23	T	Vinyl Acetate	250.000	264.570	-5.8	107	0.00
24	P	1,1-Dichloroethane	50.000	48.782	2.4	105	0.00
25	T	2-Butanone	250.000	255.514	-2.2	109	0.00
26	T	2,2-Dichloropropane	50.000	48.684	2.6	104	0.00
27	T	cis-1,2-Dichloroethene	50.000	49.592	0.8	106	0.00
28	T	Bromochloromethane	50.000	46.654	6.7	98	0.00
29	T	Tetrahydrofuran	250.000	260.761	-4.3	110	0.00
30	C	Chloroform	50.000	48.839	2.3#	105	0.00
31	T	Cyclohexane	50.000	47.965	4.1	106	0.00
32	T	1,1,1-Trichloroethane	50.000	49.755	0.5	106	0.00
33	S	1,2-Dichloroethane-d4	50.000	46.251	7.5	99	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	109	0.00
35	S	Dibromofluoromethane	50.000	44.392	11.2	97	0.00
36	T	1,1-Dichloropropene	50.000	48.432	3.1	106	0.00
37	T	Ethyl Acetate	50.000	51.357	-2.7	110	0.00
38	T	Carbon Tetrachloride	50.000	46.354	7.3	106	0.00
39	T	Methylcyclohexane	50.000	48.622	2.8	110	0.00
40	TM	Benzene	50.000	47.792	4.4	105	0.00
41	T	Methacrylonitrile	50.000	52.806	-5.6	103	0.00
42	TM	1,2-Dichloroethane	50.000	47.970	4.1	106	0.00
43	T	Isopropyl Acetate	50.000	52.474	-4.9	108	0.00
44	TM	Trichloroethene	50.000	47.609	4.8	106	0.00
45	C	1,2-Dichloropropane	50.000	48.138	3.7#	104	0.00
46	T	Dibromomethane	50.000	48.658	2.7	106	0.00
47	T	Bromodichloromethane	50.000	48.478	3.0	106	0.00
48	T	Methyl methacrylate	50.000	53.199	-6.4	109	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082825\
Data File : VX047555.D
Acq On : 28 Aug 2025 17:17
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX082825

Quant Time: Aug 29 02:38:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 29 02:31:18 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	1054.284	-5.4	110	0.00
50	S	Toluene-d8	50.000	44.873	10.3	98	0.00
51	T	4-Methyl-2-Pentanone	250.000	260.559	-4.2	109	0.00
52	CM	Toluene	50.000	48.255	3.5#	105	0.00
53	T	t-1,3-Dichloropropene	50.000	51.262	-2.5	107	0.00
54	T	cis-1,3-Dichloropropene	50.000	50.734	-1.5	107	0.00
55	T	1,1,2-Trichloroethane	50.000	48.813	2.4	106	0.00
56	T	Ethyl methacrylate	50.000	52.819	-5.6	109	0.00
57	T	1,3-Dichloropropane	50.000	49.106	1.8	107	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	254.383	-1.8	108	0.00
59	T	2-Hexanone	250.000	261.988	-4.8	109	0.00
60	T	Dibromochloromethane	50.000	48.210	3.6	104	0.00
61	T	1,2-Dibromoethane	50.000	50.366	-0.7	107	0.00
62	S	4-Bromofluorobenzene	50.000	45.845	8.3	99	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	108	0.00
64	T	Tetrachloroethene	50.000	48.577	2.8	107	0.00
65	PM	Chlorobenzene	50.000	48.415	3.2	105	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	49.421	1.2	106	0.00
67	C	Ethyl Benzene	50.000	48.917	2.2#	105	0.00
68	T	m/p-Xylenes	100.000	99.687	0.3	106	0.00
69	T	o-Xylene	50.000	50.288	-0.6	106	0.00
70	T	Styrene	50.000	50.769	-1.5	105	0.00
71	P	Bromoform	50.000	50.374	-0.7	108	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	110	0.00
73	T	Isopropylbenzene	50.000	49.735	0.5	107	0.00
74	T	N-amyl acetate	50.000	51.779	-3.6	108	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	49.325	1.3	107	0.00
76	T	1,2,3-Trichloropropane	50.000	51.229	-2.5	106	0.00
77	T	Bromobenzene	50.000	49.450	1.1	104	0.00
78	T	n-propylbenzene	50.000	49.478	1.0	106	0.00
79	T	2-Chlorotoluene	50.000	48.401	3.2	106	0.00
80	T	1,3,5-Trimethylbenzene	50.000	50.134	-0.3	106	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	43.790	12.4	112	0.00
82	T	4-Chlorotoluene	50.000	48.601	2.8	106	0.00
83	T	tert-Butylbenzene	50.000	49.218	1.6	106	0.00
84	T	1,2,4-Trimethylbenzene	50.000	50.077	-0.2	106	0.00
85	T	sec-Butylbenzene	50.000	49.138	1.7	107	0.00
86	T	p-Isopropyltoluene	50.000	49.348	1.3	108	0.00
87	T	1,3-Dichlorobenzene	50.000	47.896	4.2	105	0.00
88	T	1,4-Dichlorobenzene	50.000	47.496	5.0	106	0.00
89	T	n-Butylbenzene	50.000	49.687	0.6	109	0.00
90	T	Hexachloroethane	50.000	48.921	2.2	107	0.00
91	T	1,2-Dichlorobenzene	50.000	47.327	5.3	105	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	51.010	-2.0	110	0.00
93	T	1,2,4-Trichlorobenzene	50.000	50.286	-0.6	111	0.00
94	T	Hexachlorobutadiene	50.000	48.354	3.3	121	0.00
95	T	Naphthalene	50.000	52.641	-5.3	110	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082825\
Data File : VX047555.D
Acq On : 28 Aug 2025 17:17
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX082825

Quant Time: Aug 29 02:38:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 29 02:31:18 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	50.776	-1.6	113	0.00

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

Raw Data: **VX047557.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.: Q2987
Instrument ID: MSVOA_X
Calibration Date/Time: 08/29/2025 09:48
Lab File ID: VX047557.D
Init. Calib. Date(s): 08/28/2025 08/28/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 14:07 16:35
GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.548	0.534		-2.56	20
Chloromethane	0.598	0.552	0.1	-7.69	20
Vinyl Chloride	0.703	0.666		-5.26	20
Ethyl Acetate	0.481	0.491		2.08	20
Bromomethane	0.304	0.334		9.87	20
Chloroethane	0.447	0.412		-7.83	20
Trichlorofluoromethane	1.000	0.996		-0.4	20
1,1,2-Trichlorotrifluoroethane	0.595	0.611		2.69	20
Tert butyl alcohol	0.071	0.067		-5.63	20
1,1-Dichloroethene	0.631	0.612		-3.01	20
Acrolein	0.141	0.134		-4.97	20
Acrylonitrile	0.316	0.312		-1.27	20
Acetone	0.304	0.311		2.3	20
Carbon Disulfide	1.878	1.768		-5.86	20
Methyl tert-butyl Ether	2.061	2.050		-0.53	20
Methyl Acetate	0.750	0.751		0.13	20
Methylene Chloride	0.774	0.707		-8.66	20
trans-1,2-Dichloroethene	0.672	0.664		-1.19	20
Vinyl Acetate	1.897	1.926		1.53	20
1,1-Dichloroethane	1.295	1.237	0.1	-4.48	20
Cyclohexane	1.080	1.062		-1.67	20
2-Butanone	0.400	0.398		-0.5	20
Carbon Tetrachloride	0.542	0.534		-1.48	20
2,2-Dichloropropane	0.936	0.933		-0.32	20
cis-1,2-Dichloroethene	0.819	0.788		-3.79	20
Bromochloromethane	0.559	0.564		0.89	20
Chloroform	1.318	1.255		-4.78	20
1,1,1-Trichloroethane	1.074	1.049		-2.33	20
Methylcyclohexane	0.563	0.586		4.09	20
1,1-Dichloropropene	0.488	0.490		0.41	20
Benzene	1.559	1.538		-1.35	20
1,2-Dichloroethane	0.561	0.548		-2.32	20
Trichloroethene	0.386	0.383		-0.78	20
1,2-Dichloropropane	0.393	0.389		-1.02	20
Dibromomethane	0.289	0.284		-1.73	20
Bromodichloromethane	0.591	0.586		-0.85	20
4-Methyl-2-Pentanone	0.457	0.456		-0.22	20
Toluene	0.950	0.951		0.1	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: **VX047557.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.: Q2987
Instrument ID: MSVOA_X
Calibration Date/Time: 08/29/2025 09:48
Lab File ID: VX047557.D
Init. Calib. Date(s): 08/28/2025 08/28/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 14:07 16:35
GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
t-1,3-Dichloropropene	0.533	0.558		4.69	20
cis-1,3-Dichloropropene	0.590	0.614		4.07	20
1,1,2-Trichloroethane	0.371	0.366		-1.35	20
1,3-Dichloropropane	0.642	0.632		-1.56	20
2-Chloroethyl Vinyl ether	0.259	0.261		0.77	20
2-Hexanone	0.312	0.316		1.28	20
Dibromochloromethane	0.443	0.442		-0.23	20
1,2-Dibromoethane	0.377	0.386		2.39	20
Tetrachloroethene	0.335	0.340		1.49	20
Chlorobenzene	1.170	1.149	0.3	-1.79	20
1,1,1,2-Tetrachloroethane	0.397	0.403		1.51	20
Hexachloroethane	0.562	0.589		4.8	20
Ethyl Benzene	1.967	1.996		1.47	20
m/p-Xylenes	0.731	0.751		2.74	20
o-Xylene	0.704	0.727		3.27	20
Styrene	1.221	1.272		4.18	20
Bromoform	0.302	0.316	0.1	4.64	20
Isopropylbenzene	3.679	3.853		4.73	20
1,1,2,2-Tetrachloroethane	1.163	1.167	0.3	0.34	20
1,2,3-Trichloropropane	0.892	0.953		6.84	20
Bromobenzene	0.941	0.961		2.13	20
n-propylbenzene	4.380	4.582		4.61	20
2-Chlorotoluene	2.717	2.770		1.95	20
1,3,5-Trimethylbenzene	3.008	3.203		6.48	20
4-Chlorotoluene	3.188	3.274		2.7	20
tert-Butylbenzene	3.033	3.173		4.62	20
1,2,4-Trimethylbenzene	3.066	3.243		5.77	20
sec-Butylbenzene	3.649	3.878		6.28	20
p-Isopropyltoluene	3.059	3.233		5.69	20
1,3-Dichlorobenzene	1.755	1.799		2.51	20
1,4-Dichlorobenzene	1.812	1.805		-0.39	20
n-Butylbenzene	2.823	2.994		6.06	20
1,2-Dichlorobenzene	1.720	1.697		-1.34	20
1,2-Dibromo-3-Chloropropane	0.215	0.216		0.47	20
1,2,4-Trichlorobenzene	1.048	1.079		2.96	20
Hexachlorobutadiene	0.364	0.367		0.82	20
Naphthalene	3.064	3.253		6.17	20
1,2,3-Trichlorobenzene	0.985	1.029		4.47	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.:	Q2987
Instrument ID:	MSVOA_X	Calibration Date/Time:	08/29/2025 09:48
Lab File ID:	VX047557.D	Init. Calib. Date(s):	08/28/2025 08/28/2025
Heated Purge: (Y/N)	N	Init. Calib. Time(s):	14:07 16:35

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
1,2-Dichloroethane-d4	0.768	0.841		9.51	20
Dibromofluoromethane	0.343	0.388		13.12	20
Toluene-d8	1.203	1.352		12.39	20
4-Bromofluorobenzene	0.452	0.508		12.39	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\VX082925\
Data File : VX047557.D
Acq On : 29 Aug 2025 09:48
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 29 23:49:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 29 02:31:18 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone
09/02/2025
Supervised By :Semsettin Yesilyurt
09/03/2025

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Pentafluorobenzene	5.556	168	231227	50.000 ug/l	-0.01
34) 1,4-Difluorobenzene	6.763	114	396428	50.000 ug/l	0.00
63) Chlorobenzene-d5	10.049	117	357667	50.000 ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	172889	50.000 ug/l	0.00
System Monitoring Compounds					
33) 1,2-Dichloroethane-d4	5.958	65	194441	54.759 ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.520%		
35) Dibromofluoromethane	5.391	113	153923	56.572 ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 113.140%		
50) Toluene-d8	8.647	98	536041	56.207 ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 112.420%#		
62) 4-Bromofluorobenzene	11.079	95	201572	56.261 ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 112.520%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.185	85	123364	48.718 ug/l	96
3) Chloromethane	1.313	50	127572	46.127 ug/l	96
4) Vinyl Chloride	1.392	62	153897	47.338 ug/l	97
5) Bromomethane	1.624	94	77197	54.899 ug/l	91
6) Chloroethane	1.703	64	95222	46.101 ug/l	98
7) Trichlorofluoromethane	1.904	101	230316	49.809 ug/l	100
8) Diethyl Ether	2.148	74	91778	50.024 ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.343	101	141327	51.321 ug/l	99
10) Methyl Iodide	2.465	142	214422	47.037 ug/l	96
11) Tert butyl alcohol	2.953	59	78006	239.009 ug/l	98
12) 1,1-Dichloroethene	2.337	96	141581	48.485 ug/l	93
13) Acrolein	2.245	56	154666	236.400 ug/l	99
14) Allyl chloride	2.678	41	261574	48.897 ug/l	100
15) Acrylonitrile	3.075	53	360623	246.925 ug/l	98
16) Acetone	2.386	43	359654	255.748 ug/l	98
17) Carbon Disulfide	2.526	76	408839	47.085 ug/l	100
18) Methyl Acetate	2.709	43	173607	50.073 ug/l	100
19) Methyl tert-butyl Ether	3.123	73	474106	49.742 ug/l	99
20) Methylene Chloride	2.800	84	163420	45.667 ug/l	99
21) trans-1,2-Dichloroethene	3.105	96	153630	49.439 ug/l	96
22) Diisopropyl ether	3.770	45	533161	49.486 ug/l	99
23) Vinyl Acetate	3.727	43	2226313	253.769 ug/l	100
24) 1,1-Dichloroethane	3.623	63	285989	47.771 ug/l	99
25) 2-Butanone	4.562	43	460677	248.919 ug/l	99
26) 2,2-Dichloropropane	4.483	77	215836	49.880 ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	182172	48.116 ug/l	100
28) Bromochloromethane	4.903	49	130427	50.485 ug/l #	99
29) Tetrahydrofuran	5.013	42	268225	233.546 ug/l	99
30) Chloroform	5.099	83	290251	47.613 ug/l	98
31) Cyclohexane	5.477	56	245588	49.188 ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	242650	48.855 ug/l	99
36) 1,1-Dichloropropene	5.696	75	194282	50.174 ug/l	99
37) Ethyl Acetate	4.714	43	194653	51.003 ug/l	99
38) Carbon Tetrachloride	5.684	117	211572	49.243 ug/l	98
39) Methylcyclohexane	7.385	83	232154	51.987 ug/l	96
40) Benzene	6.043	78	609815	49.330 ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082925\
Data File : VX047557.D
Acq On : 29 Aug 2025 09:48
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 29 23:49:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 29 02:31:18 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone
09/02/2025
Supervised By :Semsettin Yesilyurt
09/03/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	95387	52.773	ug/l	98
42) 1,2-Dichloroethane	6.086	62	217317	48.833	ug/l	99
43) Isopropyl Acetate	6.342	43	317486	51.771	ug/l	100
44) Trichloroethene	7.129	130	151892	49.590	ug/l	94
45) 1,2-Dichloropropane	7.427	63	154293	49.552	ug/l	99
46) Dibromomethane	7.580	93	112744	49.185	ug/l	100
47) Bromodichloromethane	7.818	83	232332	49.561	ug/l	99
48) Methyl methacrylate	7.690	41	164965	52.293	ug/l	99
49) 1,4-Dioxane	7.677	88	38304	1227.440	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	902871	249.179	ug/l	100
52) Toluene	8.714	92	376945	50.035	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	221052	52.341	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	243305	51.993	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	145133	49.382	ug/l	96
56) Ethyl methacrylate	9.116	69	225818	51.905	ug/l	99
57) 1,3-Dichloropropane	9.305	76	250601	49.250	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	517951	253.113	ug/l	100
59) 2-Hexanone	9.427	43	627167	253.372	ug/l	100
60) Dibromochloromethane	9.518	129	175378	49.952	ug/l	100
61) 1,2-Dibromoethane	9.604	107	152944	51.137	ug/l	100
64) Tetrachloroethene	9.275	164	121569	50.735	ug/l	96
65) Chlorobenzene	10.073	112	410913	49.077	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	144009	50.721	ug/l	99
67) Ethyl Benzene	10.189	91	714010	50.748	ug/l	100
68) m/p-Xylenes	10.299	106	536975	102.755	ug/l	100
69) o-Xylene	10.640	106	260055	51.659	ug/l	100
70) Styrene	10.652	104	455098	52.101	ug/l	100
71) Bromoform	10.799	173	112896	52.220	ug/l	98
73) Isopropylbenzene	10.957	105	666173	52.364	ug/l	99
74) N-amyl acetate	10.841	43	275917	52.520	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	201828	50.187	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	164715m	53.381	ug/l	
77) Bromobenzene	11.195	156	166143	51.050	ug/l	97
78) n-propylbenzene	11.299	91	792211	52.303	ug/l	100
79) 2-Chlorotoluene	11.360	91	478871	50.980	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	553687	53.229	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	38064	48.119	ug/l	97
82) 4-Chlorotoluene	11.451	91	566077	51.360	ug/l	100
83) tert-Butylbenzene	11.713	119	548554	52.314	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	560631	52.875	ug/l	99
85) sec-Butylbenzene	11.890	105	670510	53.143	ug/l	99
86) p-Isopropyltoluene	12.006	119	558964	52.851	ug/l	100
87) 1,3-Dichlorobenzene	11.963	146	310949	51.247	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	312093	49.817	ug/l	100
89) n-Butylbenzene	12.329	91	517564	53.021	ug/l	100
90) Hexachloroethane	12.536	117	101804	52.365	ug/l	99
91) 1,2-Dichlorobenzene	12.329	146	293456	49.356	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	37329	50.323	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	186577	51.479	ug/l	99
94) Hexachlorobutadiene	13.725	225	63491	50.401	ug/l	98
95) Naphthalene	13.774	128	562357	53.081	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	177906	52.258	ug/l	97

Sample Results: **VX047557.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082925\
Data File : VX047557.D
Acq On : 29 Aug 2025 09:48
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 29 23:49:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 29 02:31:18 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone
09/02/2025
Supervised By :Semsettin Yesilyurt
09/03/2025

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

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

Sample Results: **VX047557.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082925\
Data File : VX047557.D
Acq On : 29 Aug 2025 09:48
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 29 23:49:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 29 02:31:18 2025
Response via : Initial Calibration

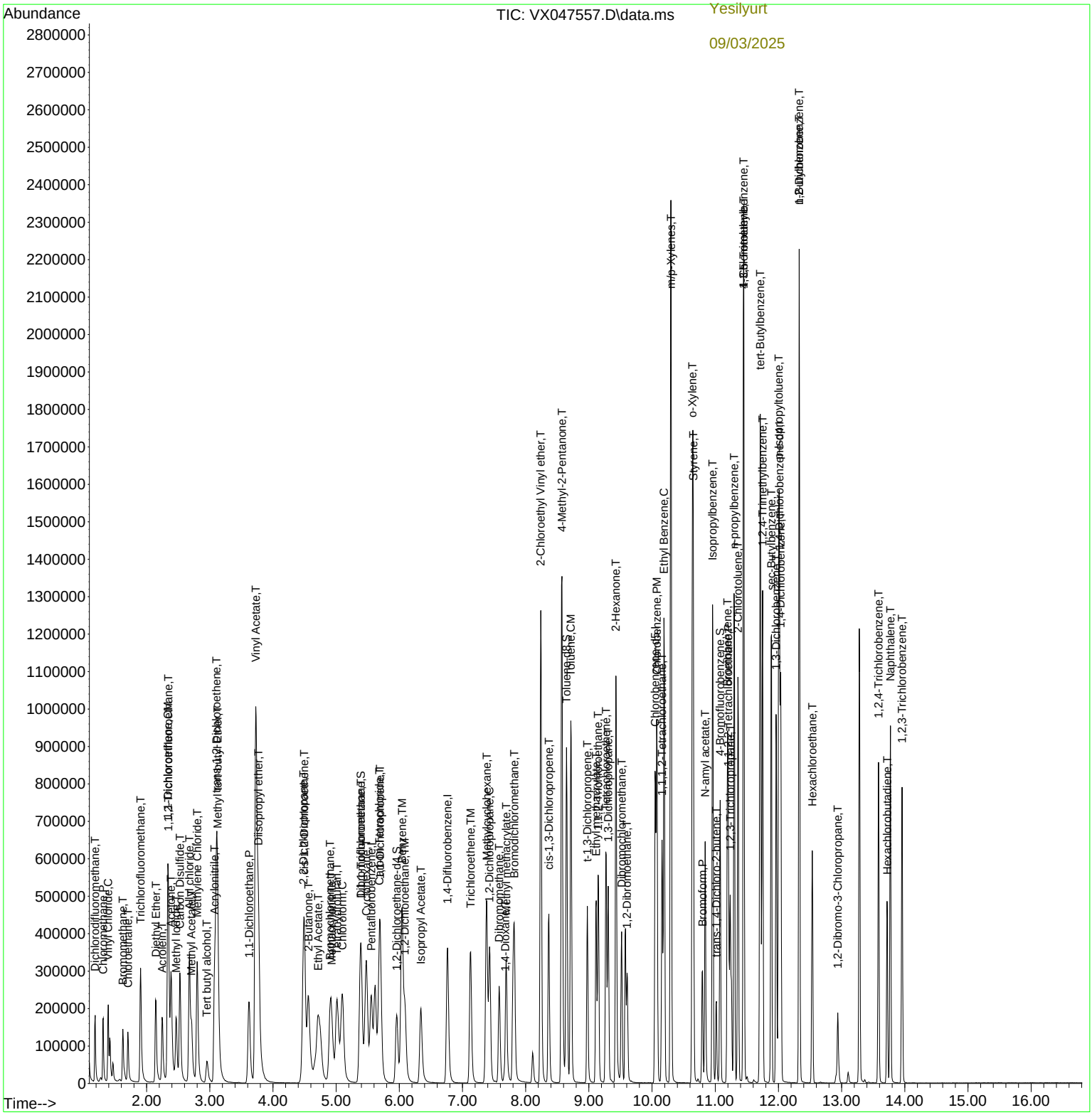
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone

09/02/2025
Supervised By :Semsettin Yesilyurt

09/03/2025



Sample Results: **VX047557.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082925\
Data File : VX047557.D
Acq On : 29 Aug 2025 09:48
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Aug 29 23:49:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 29 02:31:18 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	106	-0.01
2	T	Dichlorodifluoromethane	0.548	0.534	2.6	108	0.00
3	P	Chloromethane	0.598	0.552	7.7	104	0.00
4	C	Vinyl Chloride	0.703	0.666	5.3#	104	0.00
5	T	Bromomethane	0.304	0.334	-9.9	114	0.00
6	T	Chloroethane	0.447	0.412	7.8	104	0.00
7	T	Trichlorofluoromethane	1.000	0.996	0.4	107	0.00
8	T	Diethyl Ether	0.397	0.397	0.0	105	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.595	0.611	-2.7	112	0.00
10	T	Methyl Iodide	0.986	0.927	6.0	104	0.00
11	T	Tert butyl alcohol	0.071	0.067	5.6	104	-0.01
12	CM	1,1-Dichloroethene	0.631	0.612	3.0#	105	0.00
13	T	Acrolein	0.141	0.134	5.0	106	0.00
14	T	Allyl chloride	1.157	1.131	2.2	105	0.00
15	T	Acrylonitrile	0.316	0.312	1.3	103	0.00
16	T	Acetone	0.304	0.311	-2.3	118	0.00
17	T	Carbon Disulfide	1.878	1.768	5.9	104	0.00
18	T	Methyl Acetate	0.750	0.751	-0.1	103	0.00
19	T	Methyl tert-butyl Ether	2.061	2.050	0.5	104	0.00
20	T	Methylene Chloride	0.774	0.707	8.7	102	0.00
21	T	trans-1,2-Dichloroethene	0.672	0.664	1.2	104	0.00
22	T	Diisopropyl ether	2.330	2.306	1.0	103	0.00
23	T	Vinyl Acetate	1.897	1.926	-1.5	103	0.00
24	P	1,1-Dichloroethane	1.295	1.237	4.5	103	0.00
25	T	2-Butanone	0.400	0.398	0.5	106	0.00
26	T	2,2-Dichloropropane	0.936	0.933	0.3	106	-0.01
27	T	cis-1,2-Dichloroethene	0.819	0.788	3.8	102	0.00
28	T	Bromochloromethane	0.559	0.564	-0.9	106	-0.01
29	T	Tetrahydrofuran	0.248	0.232	6.5	98	-0.01
30	C	Chloroform	1.318	1.255	4.8#	102	-0.01
31	T	Cyclohexane	1.080	1.062	1.7	108	0.00
32	T	1,1,1-Trichloroethane	1.074	1.049	2.3	104	0.00
33	S	1,2-Dichloroethane-d4	0.768	0.841	-9.5	117	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	103	0.00
35	S	Dibromofluoromethane	0.343	0.388	-13.1	116	0.00
36	T	1,1-Dichloropropene	0.488	0.490	-0.4	103	-0.01
37	T	Ethyl Acetate	0.481	0.491	-2.1	103	-0.01
38	T	Carbon Tetrachloride	0.542	0.534	1.5	106	0.00
39	T	Methylcyclohexane	0.563	0.586	-4.1	111	0.00
40	TM	Benzene	1.559	1.538	1.3	102	0.00
41	T	Methacrylonitrile	0.228	0.241	-5.7	97	-0.01
42	TM	1,2-Dichloroethane	0.561	0.548	2.3	102	-0.01
43	T	Isopropyl Acetate	0.773	0.801	-3.6	100	0.00
44	TM	Trichloroethene	0.386	0.383	0.8	103	0.00
45	C	1,2-Dichloropropane	0.393	0.389	1.0#	100	0.00
46	T	Dibromomethane	0.289	0.284	1.7	100	0.00
47	T	Bromodichloromethane	0.591	0.586	0.8	102	0.00
48	T	Methyl methacrylate	0.398	0.416	-4.5	101	0.00

Sample Results: **VX047557.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082925\
Data File : VX047557.D
Acq On : 29 Aug 2025 09:48
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Aug 29 23:49:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 29 02:31:18 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	121	0.00
50	S	Toluene-d8	1.203	1.352	-12.4	116	0.00
51	T	4-Methyl-2-Pentanone	0.457	0.456	0.2	98	0.00
52	CM	Toluene	0.950	0.951	-0.1#	102	0.00
53	T	t-1,3-Dichloropropene	0.533	0.558	-4.7	102	0.00
54	T	cis-1,3-Dichloropropene	0.590	0.614	-4.1	103	0.00
55	T	1,1,2-Trichloroethane	0.371	0.366	1.3	101	0.00
56	T	Ethyl methacrylate	0.549	0.570	-3.8	100	0.00
57	T	1,3-Dichloropropane	0.642	0.632	1.6	100	0.00
58	T	2-Chloroethyl Vinyl ether	0.259	0.261	-0.8	100	0.00
59	T	2-Hexanone	0.312	0.316	-1.3	99	0.00
60	T	Dibromochloromethane	0.443	0.442	0.2	102	0.00
61	T	1,2-Dibromoethane	0.377	0.386	-2.4	102	0.00
62	S	4-Bromofluorobenzene	0.452	0.508	-12.4	115	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	100	0.00
64	T	Tetrachloroethene	0.335	0.340	-1.5	103	0.00
65	PM	Chlorobenzene	1.170	1.149	1.8	99	0.00
66	T	1,1,1,2-Tetrachloroethane	0.397	0.403	-1.5	101	0.00
67	C	Ethyl Benzene	1.967	1.996	-1.5#	101	0.00
68	T	m/p-Xylenes	0.731	0.751	-2.7	101	0.00
69	T	o-Xylene	0.704	0.727	-3.3	101	0.00
70	T	Styrene	1.221	1.272	-4.2	100	0.00
71	P	Bromoform	0.302	0.316	-4.6	104	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	100	0.00
73	T	Isopropylbenzene	3.679	3.853	-4.7	102	0.00
74	T	N-amyl acetate	1.519	1.596	-5.1	100	0.00
75	P	1,1,2,2-Tetrachloroethane	1.163	1.167	-0.3	99	0.00
76	T	1,2,3-Trichloropropane	0.892	0.953	-6.8	101	0.00
77	T	Bromobenzene	0.941	0.961	-2.1	98	0.00
78	T	n-propylbenzene	4.380	4.582	-4.6	102	0.00
79	T	2-Chlorotoluene	2.717	2.770	-2.0	101	0.00
80	T	1,3,5-Trimethylbenzene	3.008	3.203	-6.5	103	0.00
81	T	trans-1,4-Dichloro-2-butene	0.197	0.220	-11.7	115	0.00
82	T	4-Chlorotoluene	3.188	3.274	-2.7	102	0.00
83	T	tert-Butylbenzene	3.033	3.173	-4.6	103	0.00
84	T	1,2,4-Trimethylbenzene	3.066	3.243	-5.8	102	0.00
85	T	sec-Butylbenzene	3.649	3.878	-6.3	105	0.00
86	T	p-Isopropyltoluene	3.059	3.233	-5.7	105	0.00
87	T	1,3-Dichlorobenzene	1.755	1.799	-2.5	102	0.00
88	T	1,4-Dichlorobenzene	1.812	1.805	0.4	101	0.00
89	T	n-Butylbenzene	2.823	2.994	-6.1	106	0.00
90	T	Hexachloroethane	0.562	0.589	-4.8	105	0.00
91	T	1,2-Dichlorobenzene	1.720	1.697	1.3	100	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.215	0.216	-0.5	98	0.00
93	T	1,2,4-Trichlorobenzene	1.048	1.079	-3.0	104	0.00
94	T	Hexachlorobutadiene	0.364	0.367	-0.8	115	0.00
95	T	Naphthalene	3.064	3.253	-6.2	101	0.00

Sample Results: **VX047557.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082925\
Data File : VX047557.D
Acq On : 29 Aug 2025 09:48
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Aug 29 23:49:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 29 02:31:18 2025
Response via : Initial Calibration

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.985	1.029	-4.5	106	0.00

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

Evaluate Continuing Calibration Report

Sample Results: **VX047557.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082925\
Data File : VX047557.D
Acq On : 29 Aug 2025 09:48
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Aug 29 23:49:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 29 02:31:18 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	106	-0.01
2	T	Dichlorodifluoromethane	50.000	48.718	2.6	108	0.00
3	P	Chloromethane	50.000	46.127	7.7	104	0.00
4	C	Vinyl Chloride	50.000	47.338	5.3#	104	0.00
5	T	Bromomethane	50.000	54.899	-9.8	114	0.00
6	T	Chloroethane	50.000	46.101	7.8	104	0.00
7	T	Trichlorofluoromethane	50.000	49.809	0.4	107	0.00
8	T	Diethyl Ether	50.000	50.024	-0.0	105	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	51.321	-2.6	112	0.00
10	T	Methyl Iodide	50.000	47.037	5.9	104	0.00
11	T	Tert butyl alcohol	250.000	239.009	4.4	104	-0.01
12	CM	1,1-Dichloroethene	50.000	48.485	3.0#	105	0.00
13	T	Acrolein	250.000	236.400	5.4	106	0.00
14	T	Allyl chloride	50.000	48.897	2.2	105	0.00
15	T	Acrylonitrile	250.000	246.925	1.2	103	0.00
16	T	Acetone	250.000	255.748	-2.3	118	0.00
17	T	Carbon Disulfide	50.000	47.085	5.8	104	0.00
18	T	Methyl Acetate	50.000	50.073	-0.1	103	0.00
19	T	Methyl tert-butyl Ether	50.000	49.742	0.5	104	0.00
20	T	Methylene Chloride	50.000	45.667	8.7	102	0.00
21	T	trans-1,2-Dichloroethene	50.000	49.439	1.1	104	0.00
22	T	Diisopropyl ether	50.000	49.486	1.0	103	0.00
23	T	Vinyl Acetate	250.000	253.769	-1.5	103	0.00
24	P	1,1-Dichloroethane	50.000	47.771	4.5	103	0.00
25	T	2-Butanone	250.000	248.919	0.4	106	0.00
26	T	2,2-Dichloropropane	50.000	49.880	0.2	106	-0.01
27	T	cis-1,2-Dichloroethene	50.000	48.116	3.8	102	0.00
28	T	Bromochloromethane	50.000	50.485	-1.0	106	-0.01
29	T	Tetrahydrofuran	250.000	233.546	6.6	98	-0.01
30	C	Chloroform	50.000	47.613	4.8#	102	-0.01
31	T	Cyclohexane	50.000	49.188	1.6	108	0.00
32	T	1,1,1-Trichloroethane	50.000	48.855	2.3	104	0.00
33	S	1,2-Dichloroethane-d4	50.000	54.759	-9.5	117	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	103	0.00
35	S	Dibromofluoromethane	50.000	56.572	-13.1	116	0.00
36	T	1,1-Dichloropropene	50.000	50.174	-0.3	103	-0.01
37	T	Ethyl Acetate	50.000	51.003	-2.0	103	-0.01
38	T	Carbon Tetrachloride	50.000	49.243	1.5	106	0.00
39	T	Methylcyclohexane	50.000	51.987	-4.0	111	0.00
40	TM	Benzene	50.000	49.330	1.3	102	0.00
41	T	Methacrylonitrile	50.000	52.773	-5.5	97	-0.01
42	TM	1,2-Dichloroethane	50.000	48.833	2.3	102	-0.01
43	T	Isopropyl Acetate	50.000	51.771	-3.5	100	0.00
44	TM	Trichloroethene	50.000	49.590	0.8	103	0.00
45	C	1,2-Dichloropropane	50.000	49.552	0.9#	100	0.00
46	T	Dibromomethane	50.000	49.185	1.6	100	0.00
47	T	Bromodichloromethane	50.000	49.561	0.9	102	0.00
48	T	Methyl methacrylate	50.000	52.293	-4.6	101	0.00

Sample Results: **VX047557.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082925\
Data File : VX047557.D
Acq On : 29 Aug 2025 09:48
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Aug 29 23:49:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 29 02:31:18 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	1227.440	-22.7	121	0.00
50	S	Toluene-d8	50.000	56.207	-12.4	116	0.00
51	T	4-Methyl-2-Pentanone	250.000	249.179	0.3	98	0.00
52	CM	Toluene	50.000	50.035	-0.1#	102	0.00
53	T	t-1,3-Dichloropropene	50.000	52.341	-4.7	102	0.00
54	T	cis-1,3-Dichloropropene	50.000	51.993	-4.0	103	0.00
55	T	1,1,2-Trichloroethane	50.000	49.382	1.2	101	0.00
56	T	Ethyl methacrylate	50.000	51.905	-3.8	100	0.00
57	T	1,3-Dichloropropane	50.000	49.250	1.5	100	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	253.113	-1.2	100	0.00
59	T	2-Hexanone	250.000	253.372	-1.3	99	0.00
60	T	Dibromochloromethane	50.000	49.952	0.1	102	0.00
61	T	1,2-Dibromoethane	50.000	51.137	-2.3	102	0.00
62	S	4-Bromofluorobenzene	50.000	56.261	-12.5	115	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	100	0.00
64	T	Tetrachloroethene	50.000	50.735	-1.5	103	0.00
65	PM	Chlorobenzene	50.000	49.077	1.8	99	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	50.721	-1.4	101	0.00
67	C	Ethyl Benzene	50.000	50.748	-1.5#	101	0.00
68	T	m/p-Xylenes	100.000	102.755	-2.8	101	0.00
69	T	o-Xylene	50.000	51.659	-3.3	101	0.00
70	T	Styrene	50.000	52.101	-4.2	100	0.00
71	P	Bromoform	50.000	52.220	-4.4	104	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	100	0.00
73	T	Isopropylbenzene	50.000	52.364	-4.7	102	0.00
74	T	N-amyl acetate	50.000	52.520	-5.0	100	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	50.187	-0.4	99	0.00
76	T	1,2,3-Trichloropropane	50.000	53.381	-6.8	101	0.00
77	T	Bromobenzene	50.000	51.050	-2.1	98	0.00
78	T	n-propylbenzene	50.000	52.303	-4.6	102	0.00
79	T	2-Chlorotoluene	50.000	50.980	-2.0	101	0.00
80	T	1,3,5-Trimethylbenzene	50.000	53.229	-6.5	103	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	48.119	3.8	115	0.00
82	T	4-Chlorotoluene	50.000	51.360	-2.7	102	0.00
83	T	tert-Butylbenzene	50.000	52.314	-4.6	103	0.00
84	T	1,2,4-Trimethylbenzene	50.000	52.875	-5.8	102	0.00
85	T	sec-Butylbenzene	50.000	53.143	-6.3	105	0.00
86	T	p-Isopropyltoluene	50.000	52.851	-5.7	105	0.00
87	T	1,3-Dichlorobenzene	50.000	51.247	-2.5	102	0.00
88	T	1,4-Dichlorobenzene	50.000	49.817	0.4	101	0.00
89	T	n-Butylbenzene	50.000	53.021	-6.0	106	0.00
90	T	Hexachloroethane	50.000	52.365	-4.7	105	0.00
91	T	1,2-Dichlorobenzene	50.000	49.356	1.3	100	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	50.323	-0.6	98	0.00
93	T	1,2,4-Trichlorobenzene	50.000	51.479	-3.0	104	0.00
94	T	Hexachlorobutadiene	50.000	50.401	-0.8	115	0.00
95	T	Naphthalene	50.000	53.081	-6.2	101	0.00

Sample Results: **VX047557.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082925\
Data File : VX047557.D
Acq On : 29 Aug 2025 09:48
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Aug 29 23:49:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 29 02:31:18 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	52.258	-4.5	106	0.00

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

QC SAMPLE DATA

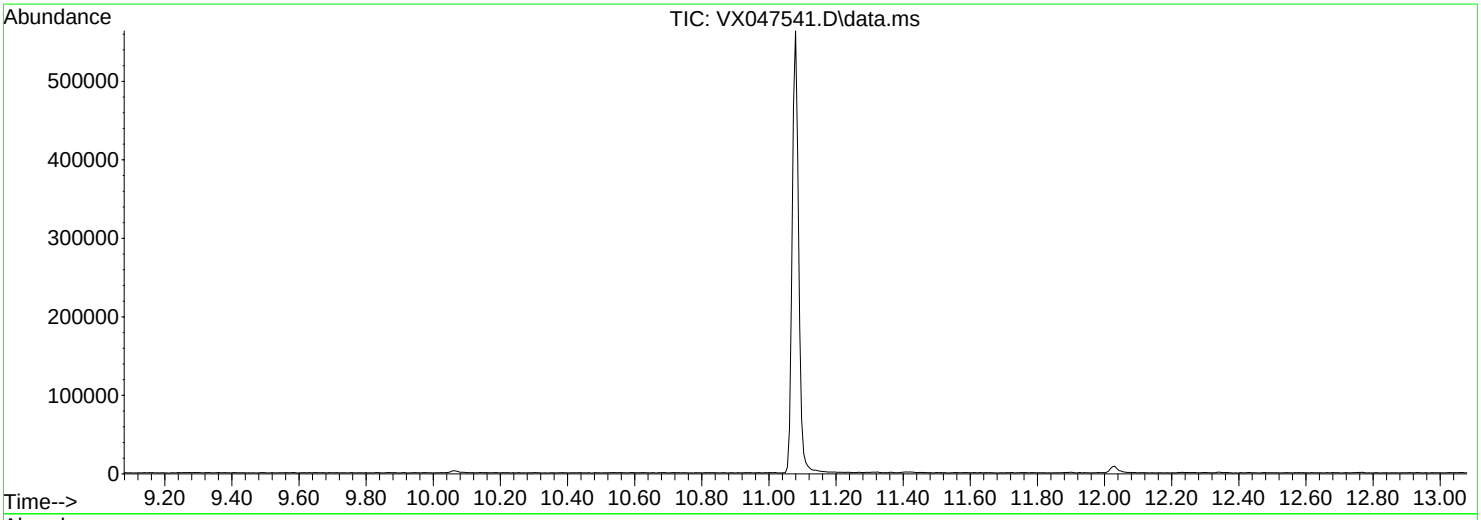
Sample Results: **VX047541.D**

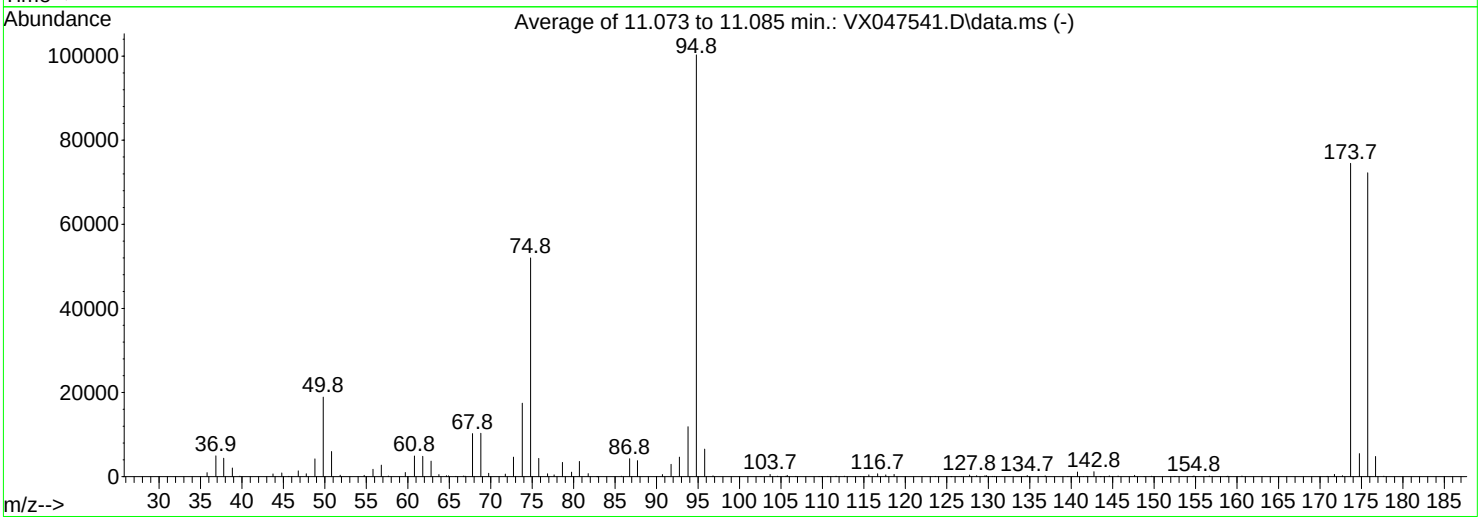
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082825\
Data File : VX047541.D
Acq On : 28 Aug 2025 09:11
Operator : JC/MD
Sample : BFB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
Title : SW846 8260
Last Update : Fri Aug 29 02:31:18 2025





AutoFind: Scans 1638, 1639, 1640; Background Corrected with Scan 1632

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	18.9	18922	PASS
75	95	30	60	51.8	51997	PASS
95	95	100	100	100.0	100296	PASS
96	95	5	9	6.5	6558	PASS
173	174	0.00	2	0.3	245	PASS
174	95	50	100	74.3	74483	PASS
175	174	5	9	7.4	5483	PASS
176	174	95	101	97.0	72253	PASS
177	176	5	9	6.6	4803	PASS

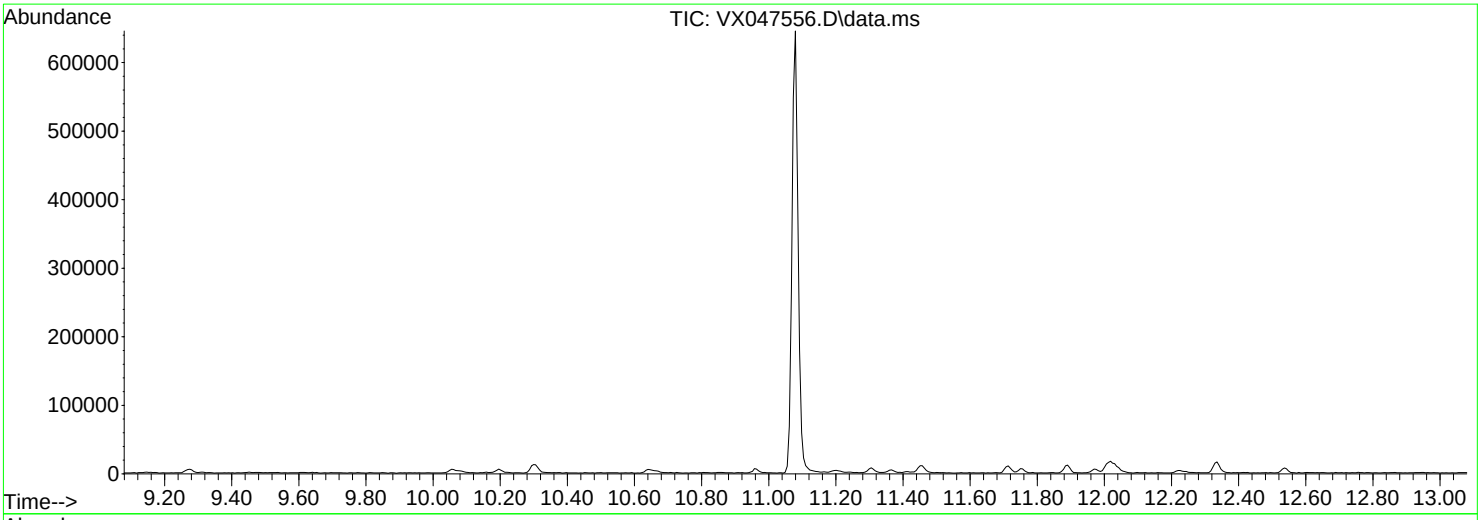
Sample Results: **VX047556.D**

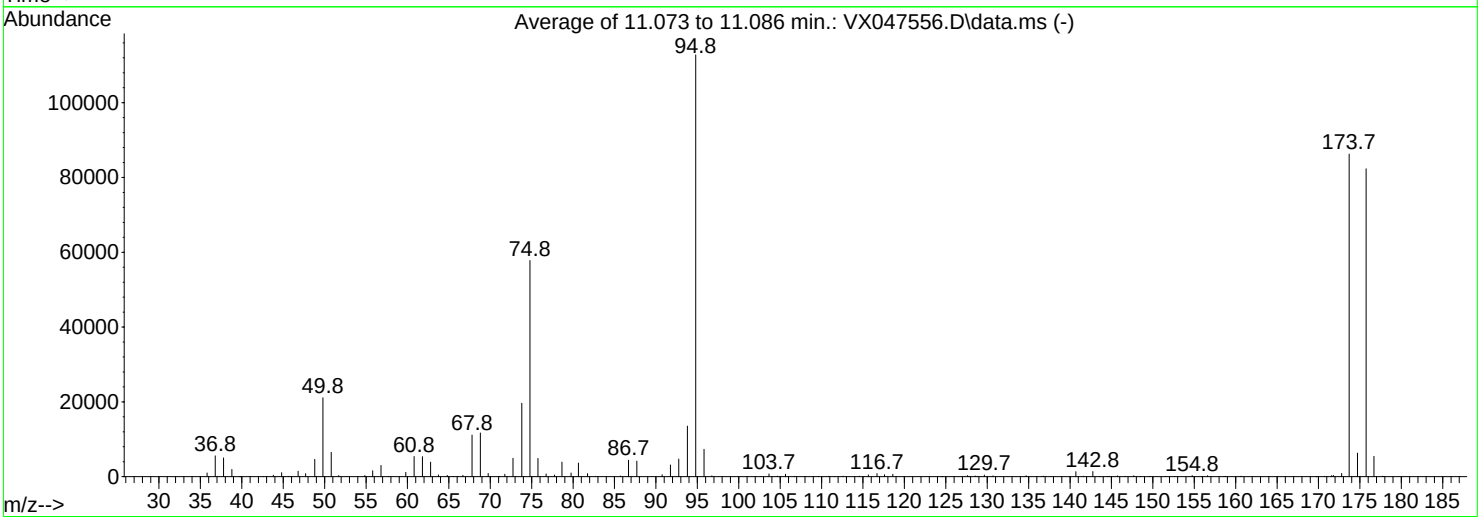
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082925\
Data File : VX047556.D
Acq On : 29 Aug 2025 08:45
Operator : JC/MD
Sample : BFB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
Title : SW846 8260
Last Update : Fri Aug 29 02:31:18 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	18.7	21085	PASS
75	95	30	60	51.3	57808	PASS
95	95	100	100	100.0	112779	PASS
96	95	5	9	6.5	7306	PASS
173	174	0.00	2	1.0	836	PASS
174	95	50	100	76.5	86229	PASS
175	174	5	9	7.3	6304	PASS
176	174	95	101	95.5	82309	PASS
177	176	5	9	6.6	5453	PASS

Raw Data: **VX047559.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:	VX0829WBL01	SDG No.:	Q2987
Lab Sample ID:	VX0829WBL01	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
VX047559.D	1	08/29/25 10:35	VX082925

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: **VX047559.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:	VX0829WBL01	SDG No.:	Q2987
Lab Sample ID:	VX0829WBL01	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
VX047559.D	1	08/29/25 10:35	VX082925

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: **VX047559.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:	VX0829WBL01	SDG No.:	Q2987
Lab Sample ID:	VX0829WBL01	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
VX047559.D	1	08/29/25 10:35	VX082925

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	57.7		74 - 125	115%	SPK: 50
1868-53-7	Dibromofluoromethane	51.8		75 - 124	104%	SPK: 50
2037-26-5	Toluene-d8	51.3		86 - 113	103%	SPK: 50
460-00-4	4-Bromofluorobenzene	59.7		77 - 121	119%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	199000	5.568			
540-36-3	1,4-Difluorobenzene	399000	6.769			
3114-55-4	Chlorobenzene-d5	410000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	214000	12.018			

Raw Data: **VX047559.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:	VX0829WBL01	SDG No.:	Q2987
Lab Sample ID:	VX0829WBL01	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
VX047559.D	1	08/29/25 10:35	VX082925

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\VX082925\
Data File : VX047559.D
Acq On : 29 Aug 2025 10:35
Operator : JC/MD
Sample : VX0829WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0829WBL01

Quant Time: Aug 29 23:50:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 29 02:31:18 2025
Response via : Initial Calibration

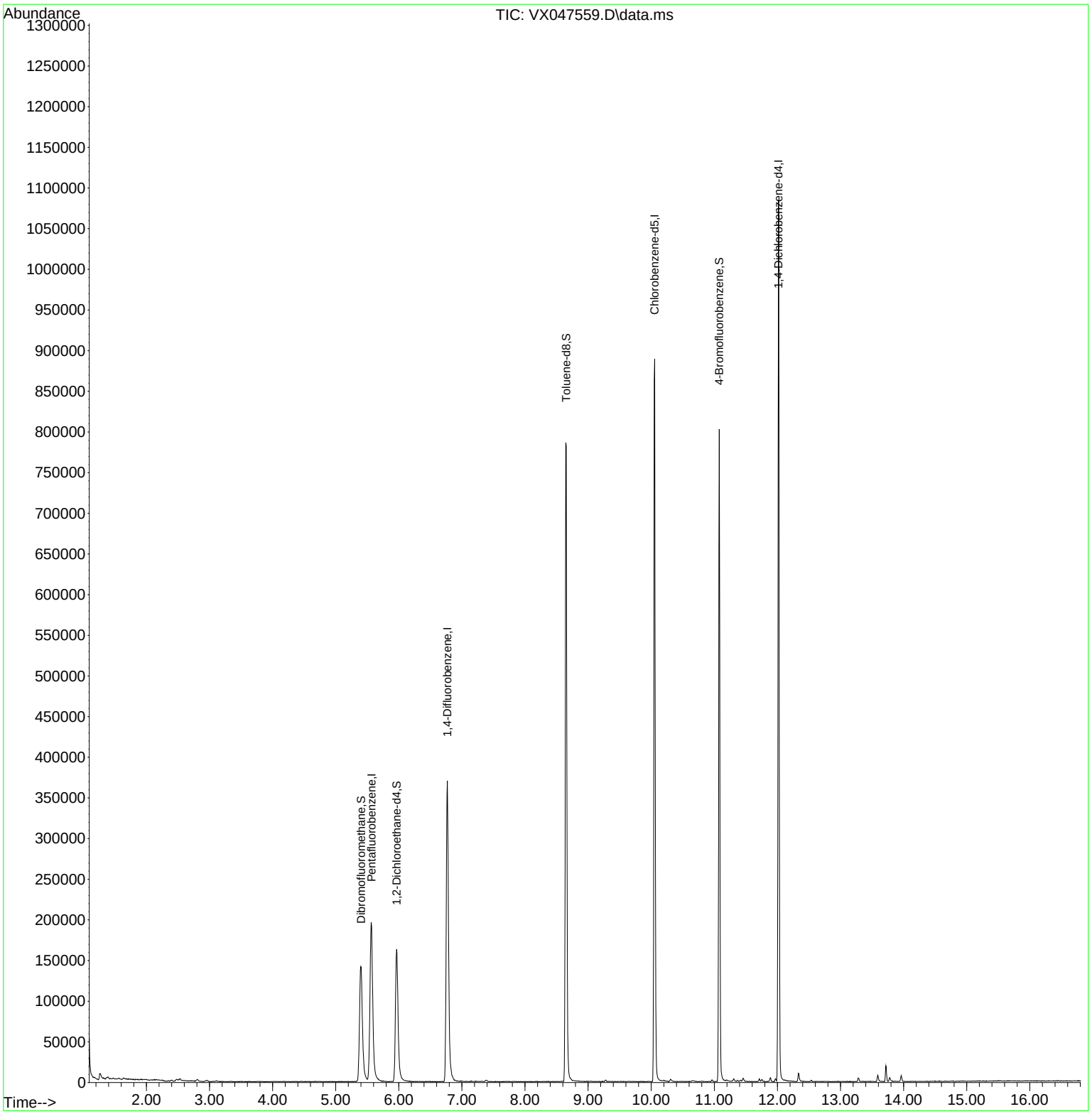
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.568	168	198657	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	399327	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	410444	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	214482	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	176159	57.744	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 115.480%			
35) Dibromofluoromethane	5.403	113	141917	51.780	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.560%			
50) Toluene-d8	8.653	98	492908	51.309	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.620%			
62) 4-Bromofluorobenzene	11.079	95	215528	59.719	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 119.440%			
Target Compounds						Qvalue

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

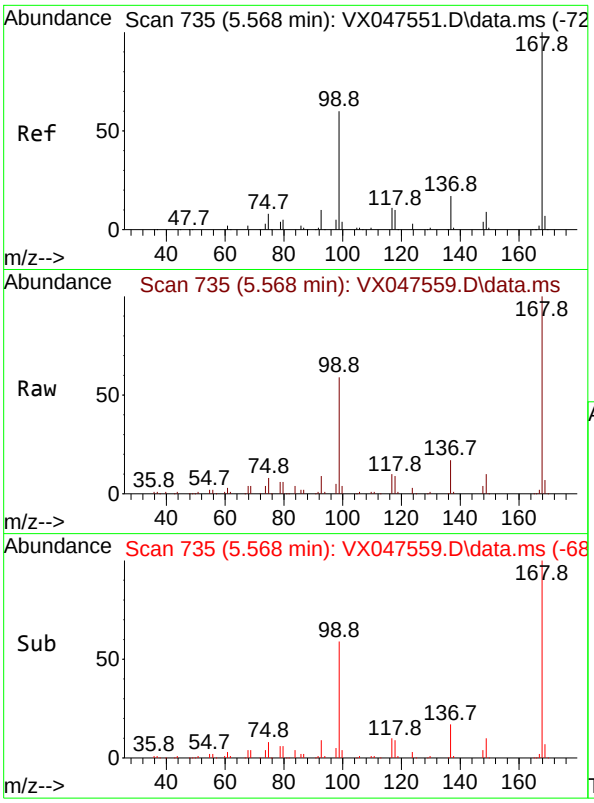
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082925\
Data File : VX047559.D
Acq On : 29 Aug 2025 10:35
Operator : JC/MD
Sample : VX0829WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0829WBL01

Quant Time: Aug 29 23:50:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 29 02:31:18 2025
Response via : Initial Calibration



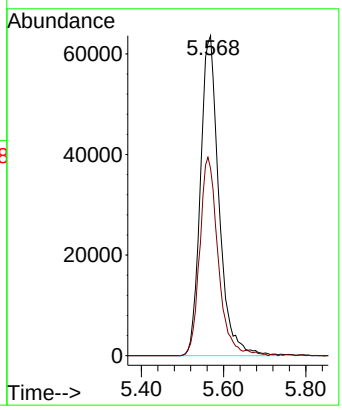
Instrument :
MSVOA_X
ClientSampleId :
VX0829WBL01

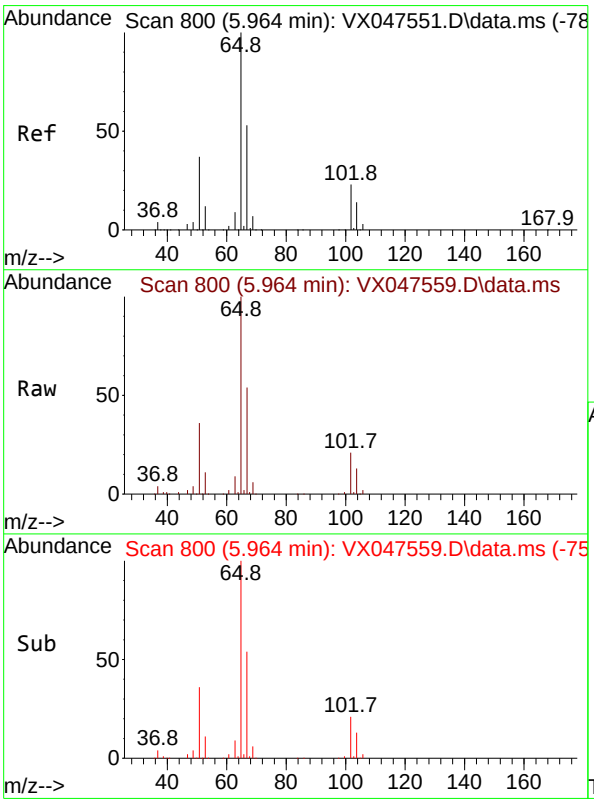


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX047559.D
Acq: 29 Aug 2025 10:35

Tgt Ion:168 Resp: 198657

Ion	Ratio	Lower	Upper
168	100		
99	58.5	48.9	73.3

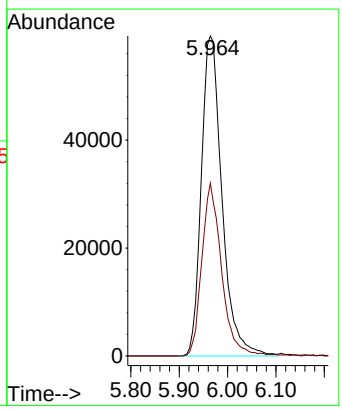


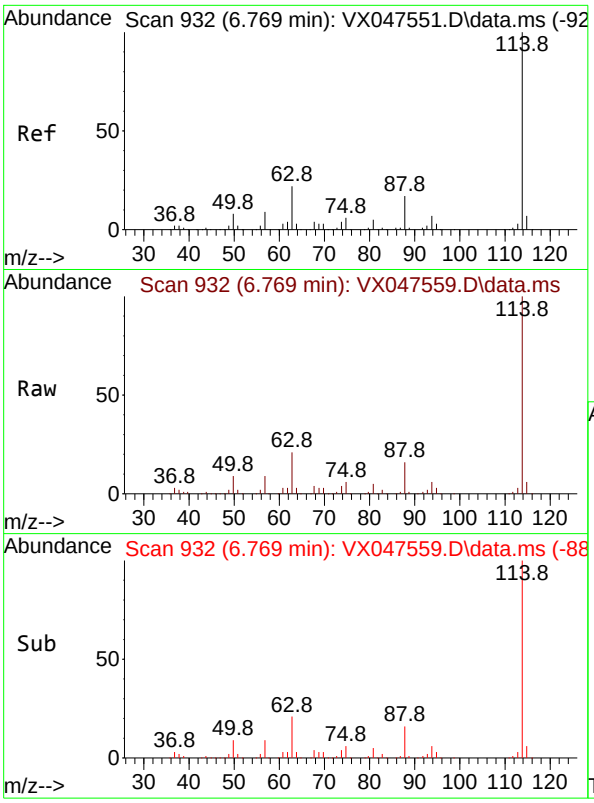


#33
1,2-Dichloroethane-d4
Concen: 57.744 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.000 min
Lab File: VX047559.D
Acq: 29 Aug 2025 10:35

Tgt Ion: 65 Resp: 176159

Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	104.8



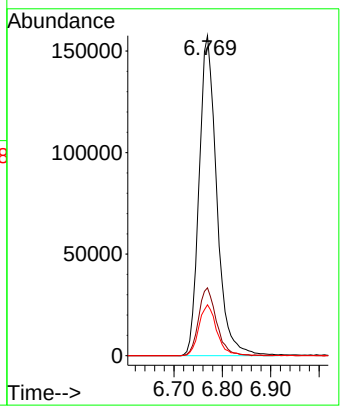


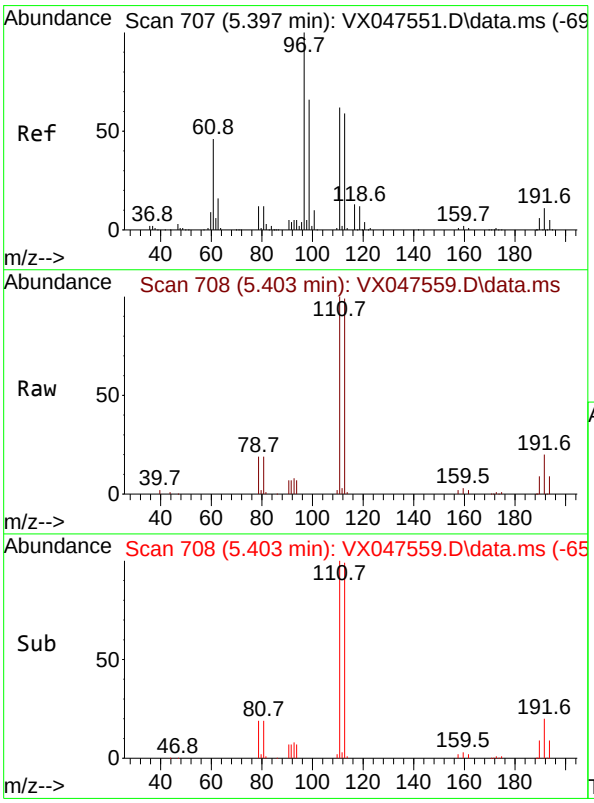
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX047559.D
Acq: 29 Aug 2025 10:35

Instrument :
MSVOA_X
ClientSampleId :
VX0829WBL01

Tgt Ion:114 Resp: 399327

Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	43.6
88	15.9	0.0	33.2

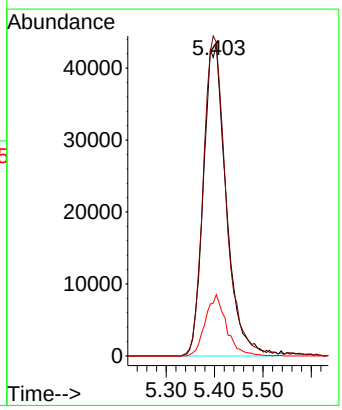


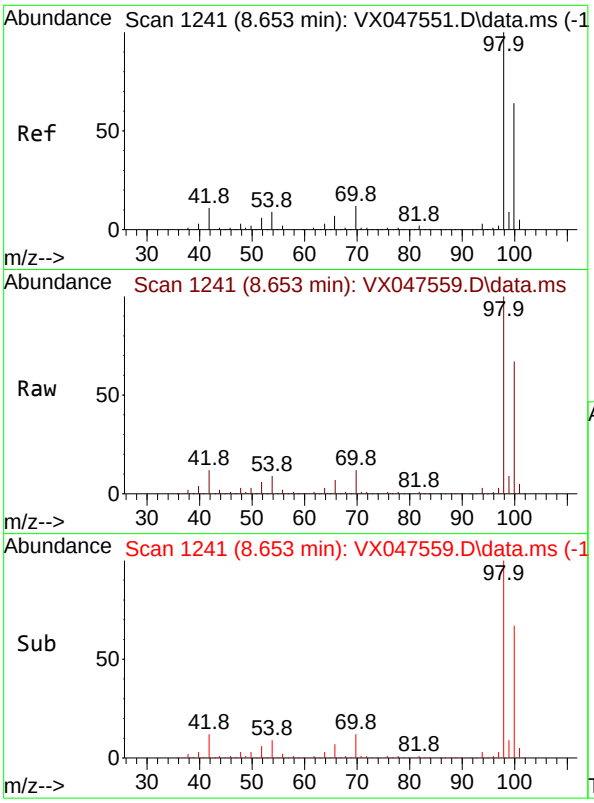


#35
Dibromofluoromethane
Concen: 51.780 ug/l
RT: 5.403 min Scan# 708
Delta R.T. 0.006 min
Lab File: VX047559.D
Acq: 29 Aug 2025 10:35

Tgt Ion:113 Resp: 141917

Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.2	121.8
192	18.2	14.2	21.4



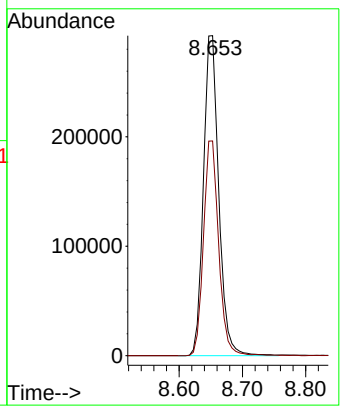


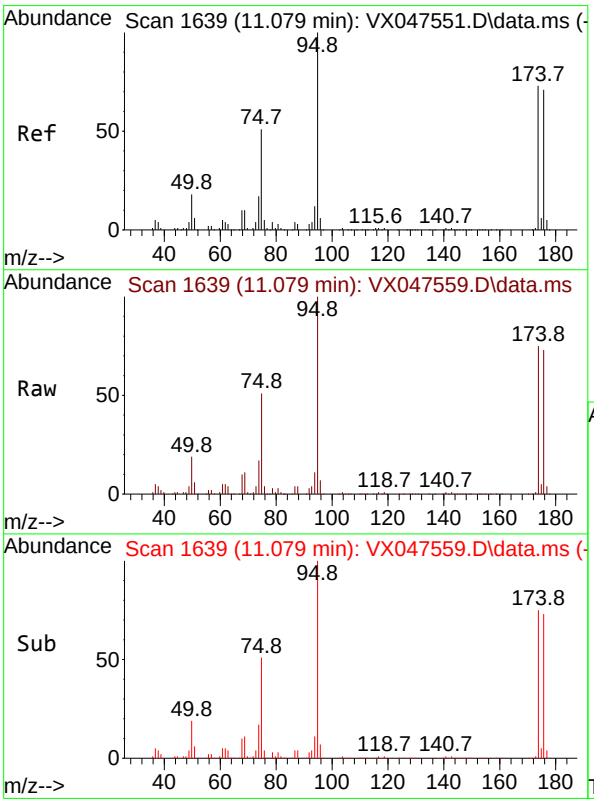
#50
Toluene-d8
Concen: 51.309 ug/l
RT: 8.653 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047559.D
Acq: 29 Aug 2025 10:35

Instrument :
MSVOA_X
ClientSampleId :
VX0829WBL01

Tgt Ion: 98 Resp: 492908

Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.5	80.3

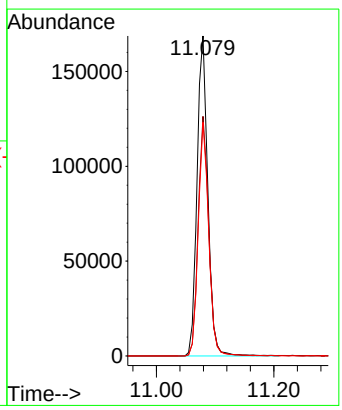


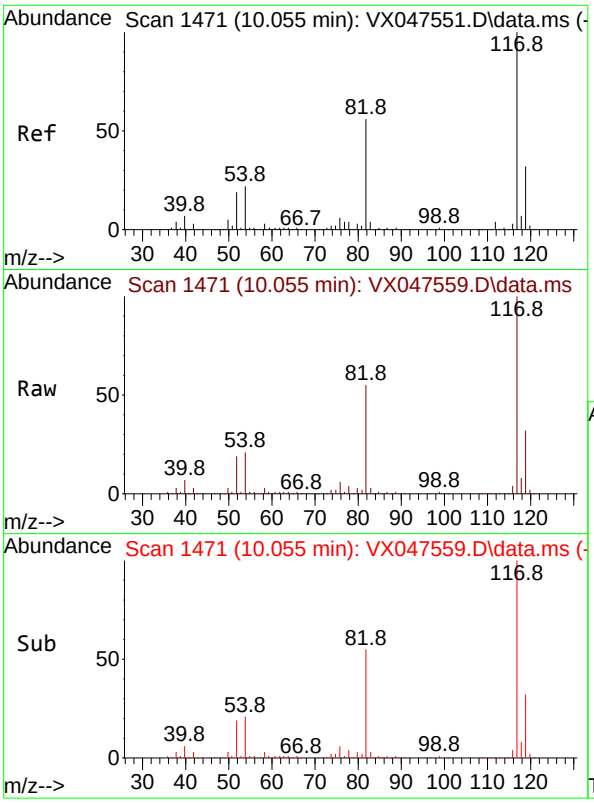


#62
4-Bromofluorobenzene
Concen: 59.719 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX047559.D
Acq: 29 Aug 2025 10:35

Tgt Ion: 95 Resp: 215528

Ion	Ratio	Lower	Upper
95	100		
174	73.4	0.0	145.2
176	70.8	0.0	140.4



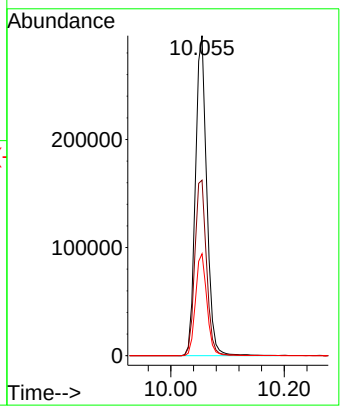


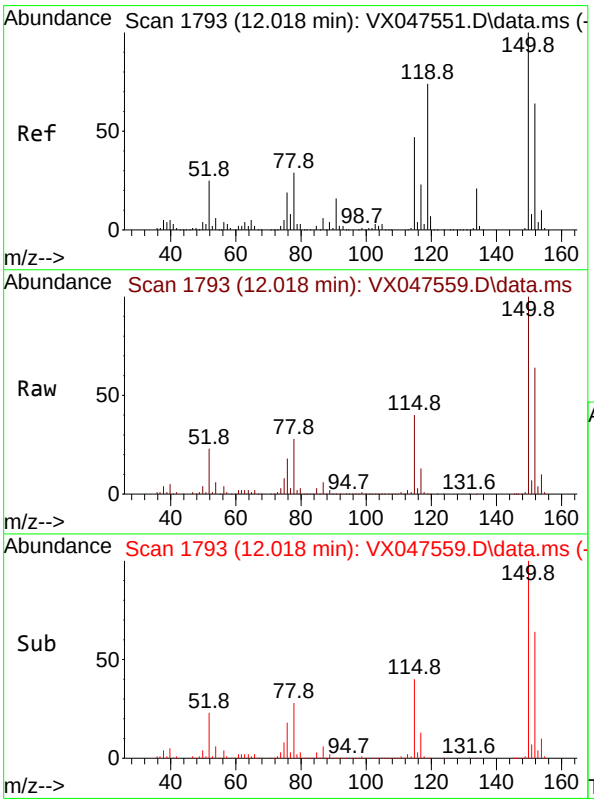
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047559.D
Acq: 29 Aug 2025 10:35

Instrument :
MSVOA_X
ClientSampleId :
VX0829WBL01

Tgt Ion:117 Resp: 410444

Ion	Ratio	Lower	Upper
117	100		
82	54.9	44.6	66.8
119	31.8	25.7	38.5

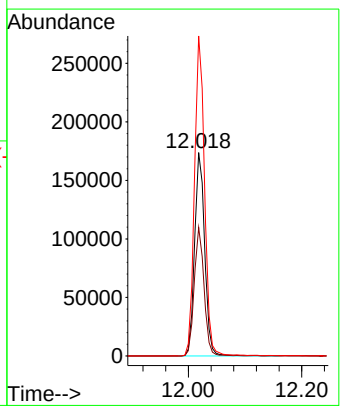




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX047559.D
Acq: 29 Aug 2025 10:35

Tgt Ion:152 Resp: 214482

Ion	Ratio	Lower	Upper
152	100		
115	61.6	42.9	128.5
150	157.0	0.0	351.0



Raw Data: **VX047560.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:	VX0829WBS01	SDG No.:	Q2987
Lab Sample ID:	VX0829WBS01	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
VX047560.D	1	08/29/25 11:02	VX082925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	17.3		0.22	1.00	ug/L
74-87-3	Chloromethane	17.6		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	17.8		0.26	1.00	ug/L
141-78-6	Ethyl Acetate	18.2		0.31	1.00	ug/L
74-83-9	Bromomethane	20.8		1.40	5.00	ug/L
75-00-3	Chloroethane	17.6		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	18.4		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	18.6		0.25	1.00	ug/L
75-65-0	Tert butyl alcohol	89.4		5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	17.6		0.23	1.00	ug/L
107-02-8	Acrolein	85.2		7.10	25.0	ug/L
107-13-1	Acrylonitrile	91.1		0.83	5.00	ug/L
67-64-1	Acetone	91.0		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	17.9		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	18.9		0.16	1.00	ug/L
79-20-9	Methyl Acetate	19.0		0.27	1.00	ug/L
75-09-2	Methylene Chloride	18.0		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	18.9		0.23	1.00	ug/L
108-05-4	Vinyl Acetate	95.1		0.66	5.00	ug/L
75-34-3	1,1-Dichloroethane	18.5		0.23	1.00	ug/L
110-82-7	Cyclohexane	18.6		1.50	5.00	ug/L
78-93-3	2-Butanone	91.5		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	18.0		0.25	1.00	ug/L
594-20-7	2,2-Dichloropropane	18.7		0.21	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	19.0		0.19	1.00	ug/L
74-97-5	Bromochloromethane	19.8		0.22	1.00	ug/L
67-66-3	Chloroform	19.0		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	18.7		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	17.9		0.16	1.00	ug/L
563-58-6	1,1-Dichloropropene	18.4		0.15	1.00	ug/L

Raw Data: **VX047560.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:	VX0829WBS01	SDG No.:	Q2987
Lab Sample ID:	VX0829WBS01	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
VX047560.D	1	08/29/25 11:02	VX082925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
71-43-2	Benzene	18.5		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	18.5		0.22	1.00	ug/L
79-01-6	Trichloroethene	18.6		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	18.9		0.20	1.00	ug/L
74-95-3	Dibromomethane	18.5		0.25	1.00	ug/L
75-27-4	Bromodichloromethane	18.6		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	92.5		0.68	5.00	ug/L
108-88-3	Toluene	19.1		0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	18.6		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	19.0		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	18.6		0.21	1.00	ug/L
142-28-9	1,3-Dichloropropane	18.5		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	92.5		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	18.3		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	18.9		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	18.1		0.23	1.00	ug/L
108-90-7	Chlorobenzene	18.2		0.12	1.00	ug/L
630-20-6	1,1,1,2-Tetrachloroethane	18.1		0.19	1.00	ug/L
67-72-1	Hexachloroethane	16.4		0.32	0	ug/L
100-41-4	Ethyl Benzene	18.3		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	37.5		0.24	2.00	ug/L
95-47-6	o-Xylene	18.7		0.12	1.00	ug/L
100-42-5	Styrene	19.2		0.15	1.00	ug/L
75-25-2	Bromoform	18.4		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	17.5		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	17.0		0.26	1.00	ug/L
96-18-4	1,2,3-Trichloropropane	17.6		0.35	1.00	ug/L
108-86-1	Bromobenzene	17.7		0.24	1.00	ug/L
103-65-1	n-propylbenzene	17.4		0.13	1.00	ug/L
95-49-8	2-Chlorotoluene	17.5		0.14	1.00	ug/L

Raw Data: **VX047560.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:	VX0829WBS01	SDG No.:	Q2987
Lab Sample ID:	VX0829WBS01	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
VX047560.D	1	08/29/25 11:02	VX082925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-67-8	1,3,5-Trimethylbenzene	18.0		0.15	1.00	ug/L
106-43-4	4-Chlorotoluene	17.7		0.13	1.00	ug/L
98-06-6	tert-Butylbenzene	17.5		0.14	1.00	ug/L
95-63-6	1,2,4-Trimethylbenzene	17.8		0.14	1.00	ug/L
135-98-8	sec-Butylbenzene	17.4		0.13	1.00	ug/L
99-87-6	p-Isopropyltoluene	17.5		0.13	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	17.3		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	17.5		0.19	1.00	ug/L
104-51-8	n-Butylbenzene	17.2		0.15	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	17.2		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	15.7		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	17.1		0.20	1.00	ug/L
87-68-3	Hexachlorobutadiene	16.4		0.30	1.00	ug/L
91-20-3	Naphthalene	17.0		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	17.2		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	54.3		74 - 125	109%	SPK: 50
1868-53-7	Dibromofluoromethane	51.0		75 - 124	102%	SPK: 50
2037-26-5	Toluene-d8	50.2		86 - 113	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.3		77 - 121	107%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	237000	5.555			
540-36-3	1,4-Difluorobenzene	427000	6.763			
3114-55-4	Chlorobenzene-d5	403000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	210000	12.018			

Raw Data: **VX047560.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:	VX0829WBS01	SDG No.:	Q2987
Lab Sample ID:	VX0829WBS01	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
VX047560.D	1	08/29/25 11:02	VX082925

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\VX082925\
Data File : VX047560.D
Acq On : 29 Aug 2025 11:02
Operator : JC/MD
Sample : VX0829WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 29 23:50:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 29 02:31:18 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0829WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 09/02/2025
Supervised By :Semsettin Yesilyurt 09/03/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.555	168	237474	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.763	114	427469	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	402993	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	210365	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	198125	54.329	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.660%			
35) Dibromofluoromethane	5.391	113	149556	50.975	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.960%			
50) Toluene-d8	8.646	98	516489	50.224	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.440%			
62) 4-Bromofluorobenzene	11.079	95	205780	53.265	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.520%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.184	85	44999	17.303	ug/l	97
3) Chloromethane	1.312	50	50014	17.608	ug/l	98
4) Vinyl Chloride	1.392	62	59553	17.836	ug/l	99
5) Bromomethane	1.629	94	30064	20.818	ug/l	98
6) Chloroethane	1.709	64	37349	17.606	ug/l	99
7) Trichlorofluoromethane	1.904	101	87161	18.354	ug/l	98
8) Diethyl Ether	2.148	74	35033	18.593	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.349	101	52701	18.634	ug/l	99
10) Methyl Iodide	2.471	142	75240	16.071	ug/l	98
11) Tert butyl alcohol	2.958	59	29976	89.430	ug/l	100
12) 1,1-Dichloroethene	2.337	96	52820	17.612	ug/l	96
13) Acrolein	2.251	56	57237	85.183	ug/l	97
14) Allyl chloride	2.678	41	100397	18.274	ug/l	99
15) Acrylonitrile	3.080	53	136661	91.113	ug/l	98
16) Acetone	2.391	43	131443	91.010	ug/l	97
17) Carbon Disulfide	2.526	76	159660	17.904	ug/l	100
18) Methyl Acetate	2.715	43	67742	19.025	ug/l	100
19) Methyl tert-butyl Ether	3.123	73	184704	18.869	ug/l	98
20) Methylene Chloride	2.806	84	66291	18.037	ug/l	97
21) trans-1,2-Dichloroethene	3.105	96	60410	18.929	ug/l	94
22) Diisopropyl ether	3.769	45	212912	19.242	ug/l	89
23) Vinyl Acetate	3.733	43	857226	95.141	ug/l	100
24) 1,1-Dichloroethane	3.623	63	113903	18.526	ug/l	96
25) 2-Butanone	4.568	43	173892	91.488	ug/l	100
26) 2,2-Dichloropropane	4.482	77	82950	18.666	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	73814	18.983	ug/l	99
28) Bromochloromethane	4.909	49	52557	19.808	ug/l	100
29) Tetrahydrofuran	5.025	42	102255	86.692	ug/l	98
30) Chloroform	5.098	83	118820	18.979	ug/l	98
31) Cyclohexane	5.476	56	95227	18.571	ug/l	100
32) 1,1,1-Trichloroethane	5.391	97	95188	18.661	ug/l	99
36) 1,1-Dichloropropene	5.708	75	76837	18.402	ug/l	99
37) Ethyl Acetate	4.720	43	74922	18.205	ug/l	98
38) Carbon Tetrachloride	5.690	117	83222	17.963	ug/l	97
39) Methylcyclohexane	7.384	83	86251	17.912	ug/l	99
40) Benzene	6.043	78	246433	18.487	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082925\
Data File : VX047560.D
Acq On : 29 Aug 2025 11:02
Operator : JC/MD
Sample : VX0829WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 29 23:50:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 29 02:31:18 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0829WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 09/02/2025
Supervised By :Semsettin Yesilyurt 09/03/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.940	41	39337	20.183	ug/l		98
42) 1,2-Dichloroethane	6.098	62	88866	18.519	ug/l		100
43) Isopropyl Acetate	6.348	43	122828	18.575	ug/l		99
44) Trichloroethene	7.128	130	61465	18.610	ug/l		96
45) 1,2-Dichloropropane	7.433	63	63444	18.896	ug/l		98
46) Dibromomethane	7.580	93	45754	18.511	ug/l		99
47) Bromodichloromethane	7.823	83	94259	18.647	ug/l		96
48) Methyl methacrylate	7.695	41	62854	18.478	ug/l		99
49) 1,4-Dioxane	7.683	88	13132	390.253	ug/l		98
51) 4-Methyl-2-Pentanone	8.573	43	361472	92.517	ug/l		99
52) Toluene	8.720	92	155204	19.105	ug/l		98
53) t-1,3-Dichloropropene	8.976	75	84829	18.627	ug/l		100
54) cis-1,3-Dichloropropene	8.366	75	95994	19.024	ug/l		95
55) 1,1,2-Trichloroethane	9.152	97	59095	18.647	ug/l		99
56) Ethyl methacrylate	9.116	69	88792	18.927	ug/l		99
57) 1,3-Dichloropropane	9.305	76	101756	18.546	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.238	63	207446	103.346	ug/l		100
59) 2-Hexanone	9.433	43	246956	92.524	ug/l		98
60) Dibromochloromethane	9.518	129	69265	18.296	ug/l		98
61) 1,2-Dibromoethane	9.610	107	60996	18.913	ug/l		99
64) Tetrachloroethene	9.274	164	48838	18.089	ug/l		97
65) Chlorobenzene	10.079	112	171460	18.175	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.158	131	57920	18.105	ug/l		98
67) Ethyl Benzene	10.189	91	289645	18.271	ug/l		99
68) m/p-Xylenes	10.299	106	220619	37.469	ug/l		100
69) o-Xylene	10.640	106	105790	18.651	ug/l		99
70) Styrene	10.652	104	188648	19.168	ug/l		99
71) Bromoform	10.798	173	44727	18.361	ug/l	#	99
73) Isopropylbenzene	10.957	105	270974	17.505	ug/l		100
74) N-amyl acetate	10.841	43	106183	16.611	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	83177	16.998	ug/l		100
76) 1,2,3-Trichloropropane	11.237	75	66075m	17.599	ug/l		
77) Bromobenzene	11.195	156	69961	17.667	ug/l		98
78) n-propylbenzene	11.298	91	320891	17.412	ug/l		100
79) 2-Chlorotoluene	11.359	91	200526	17.545	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	227681	17.989	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	12878	19.009	ug/l		99
82) 4-Chlorotoluene	11.451	91	237842	17.735	ug/l		99
83) tert-Butylbenzene	11.713	119	223351	17.506	ug/l		100
84) 1,2,4-Trimethylbenzene	11.749	105	229095	17.758	ug/l		99
85) sec-Butylbenzene	11.890	105	266613	17.367	ug/l		99
86) p-Isopropyltoluene	12.006	119	225193	17.499	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	127824	17.314	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	133342	17.493	ug/l		98
89) n-Butylbenzene	12.329	91	204725	17.237	ug/l		99
90) Hexachloroethane	12.536	117	38695	16.358	ug/l		98
91) 1,2-Dichlorobenzene	12.335	146	124437	17.201	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.938	75	14212	15.746	ug/l		95
93) 1,2,4-Trichlorobenzene	13.585	180	75503	17.121	ug/l		100
94) Hexachlorobutadiene	13.725	225	25115	16.385	ug/l		99
95) Naphthalene	13.774	128	219516	17.029	ug/l		100
96) 1,2,3-Trichlorobenzene	13.956	180	71133	17.172	ug/l		98

Sample Results: **VX047560.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082925\
Data File : VX047560.D
Acq On : 29 Aug 2025 11:02
Operator : JC/MD
Sample : VX0829WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 29 23:50:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 29 02:31:18 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0829WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 09/02/2025
Supervised By :Semsettin Yesilyurt 09/03/2025

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

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

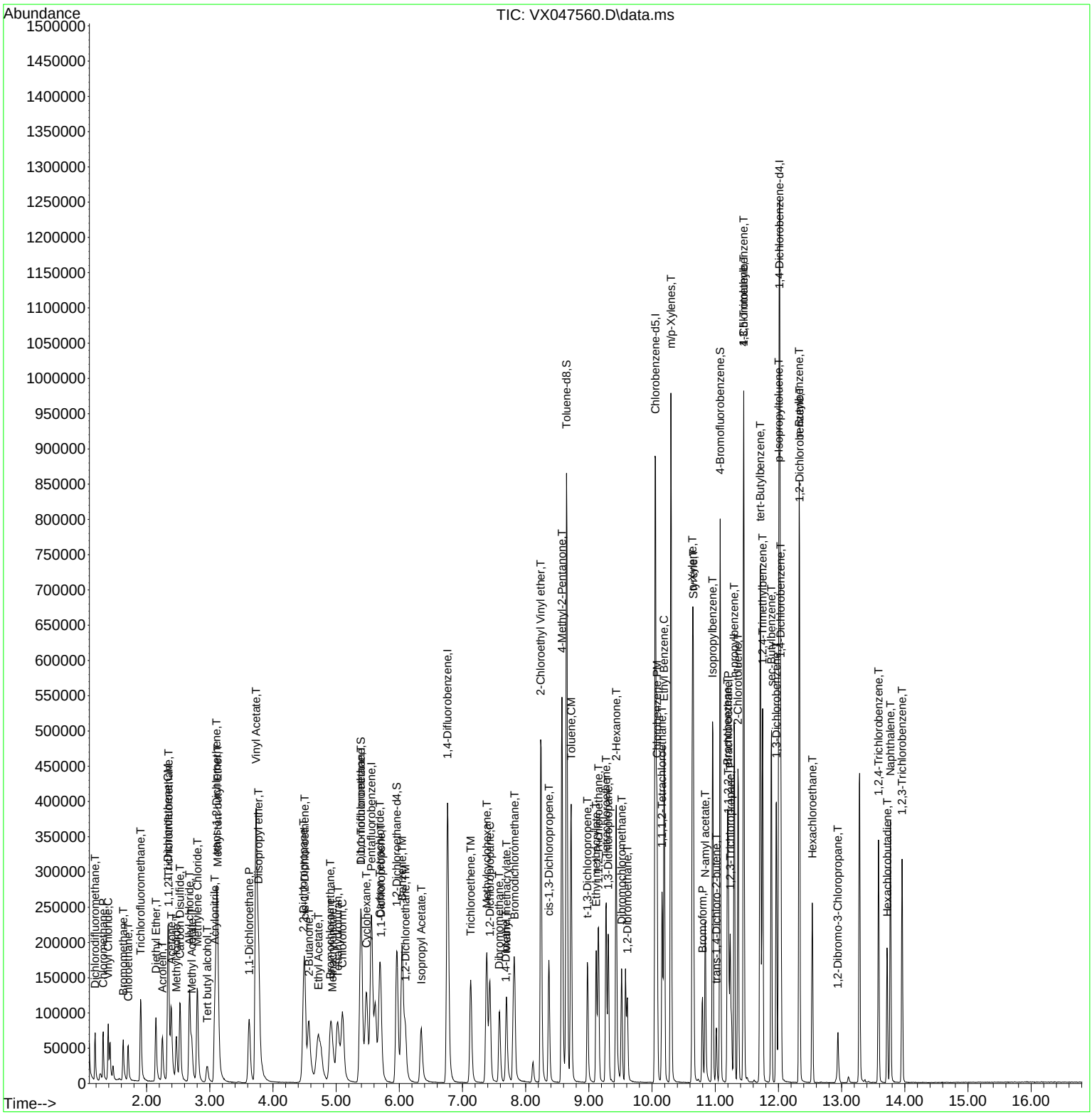
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082925\
Data File : VX047560.D
Acq On : 29 Aug 2025 11:02
Operator : JC/MD
Sample : VX0829WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 29 23:50:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 29 02:31:18 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0829WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 09/02/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



Raw Data: **VX047561.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:	VX0829WBSD01	SDG No.:	Q2987
Lab Sample ID:	VX0829WBSD01	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
VX047561.D	1	08/29/25 11:29	VX082925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	18.1		0.22	1.00	ug/L
74-87-3	Chloromethane	16.7		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	17.6		0.26	1.00	ug/L
141-78-6	Ethyl Acetate	19.5		0.31	1.00	ug/L
74-83-9	Bromomethane	20.0		1.40	5.00	ug/L
75-00-3	Chloroethane	18.7		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	18.5		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	18.6		0.25	1.00	ug/L
75-65-0	Tert butyl alcohol	83.9		5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	17.8		0.23	1.00	ug/L
107-02-8	Acrolein	80.6		7.10	25.0	ug/L
107-13-1	Acrylonitrile	88.5		0.83	5.00	ug/L
67-64-1	Acetone	82.5		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	17.7		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	18.1		0.16	1.00	ug/L
79-20-9	Methyl Acetate	17.7		0.27	1.00	ug/L
75-09-2	Methylene Chloride	17.4		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	91.7		0.66	5.00	ug/L
75-34-3	1,1-Dichloroethane	18.1		0.23	1.00	ug/L
110-82-7	Cyclohexane	18.7		1.50	5.00	ug/L
78-93-3	2-Butanone	87.9		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	18.4		0.25	1.00	ug/L
594-20-7	2,2-Dichloropropane	18.4		0.21	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	18.0		0.19	1.00	ug/L
74-97-5	Bromochloromethane	18.7		0.22	1.00	ug/L
67-66-3	Chloroform	18.1		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	18.5		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	19.7		0.16	1.00	ug/L
563-58-6	1,1-Dichloropropene	19.3		0.15	1.00	ug/L

Raw Data: **VX047561.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:	VX0829WBSD01	SDG No.:	Q2987
Lab Sample ID:	VX0829WBSD01	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
VX047561.D	1	08/29/25 11:29	VX082925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
71-43-2	Benzene	18.4		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	18.4		0.22	1.00	ug/L
79-01-6	Trichloroethene	18.6		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	18.2		0.20	1.00	ug/L
74-95-3	Dibromomethane	18.4		0.25	1.00	ug/L
75-27-4	Bromodichloromethane	18.6		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	93.2		0.68	5.00	ug/L
108-88-3	Toluene	19.0		0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	18.5		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	18.8		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	18.7		0.21	1.00	ug/L
142-28-9	1,3-Dichloropropane	18.9		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	91.7		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	18.7		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	19.2		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	19.8		0.23	1.00	ug/L
108-90-7	Chlorobenzene	19.2		0.12	1.00	ug/L
630-20-6	1,1,1,2-Tetrachloroethane	18.8		0.19	1.00	ug/L
67-72-1	Hexachloroethane	19.2		0.32	0	ug/L
100-41-4	Ethyl Benzene	19.4		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	40.3		0.24	2.00	ug/L
95-47-6	o-Xylene	19.8		0.12	1.00	ug/L
100-42-5	Styrene	19.8		0.15	1.00	ug/L
75-25-2	Bromoform	19.4		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	19.9		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	19.1		0.26	1.00	ug/L
96-18-4	1,2,3-Trichloropropane	19.6		0.35	1.00	ug/L
108-86-1	Bromobenzene	19.4		0.24	1.00	ug/L
103-65-1	n-propylbenzene	19.8		0.13	1.00	ug/L
95-49-8	2-Chlorotoluene	19.6		0.14	1.00	ug/L

Raw Data: **VX047561.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:	
Project:	Weekly Storage Blanks	Date Received:	
Client Sample ID:	VX0829WBSD01	SDG No.:	Q2987
Lab Sample ID:	VX0829WBSD01	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
VX047561.D	1	08/29/25 11:29	VX082925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-67-8	1,3,5-Trimethylbenzene	20.4		0.15	1.00	ug/L
106-43-4	4-Chlorotoluene	19.7		0.13	1.00	ug/L
98-06-6	tert-Butylbenzene	19.8		0.14	1.00	ug/L
95-63-6	1,2,4-Trimethylbenzene	20.1		0.14	1.00	ug/L
135-98-8	sec-Butylbenzene	20.4		0.13	1.00	ug/L
99-87-6	p-Isopropyltoluene	20.3		0.13	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	19.7		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	19.5		0.19	1.00	ug/L
104-51-8	n-Butylbenzene	20.4		0.15	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	19.2		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	18.5		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	20.5		0.30	1.00	ug/L
91-20-3	Naphthalene	19.6		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	20.1		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	47.0		74 - 125	94%	SPK: 50
1868-53-7	Dibromofluoromethane	48.0		75 - 124	96%	SPK: 50
2037-26-5	Toluene-d8	48.4		86 - 113	97%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.1		77 - 121	98%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	238000	5.556			
540-36-3	1,4-Difluorobenzene	415000	6.763			
3114-55-4	Chlorobenzene-d5	373000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	185000	12.018			

Raw Data: **VX047561.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:	VX0829WBSD01	SDG No.:	Q2987
Lab Sample ID:	VX0829WBSD01	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
VX047561.D	1	08/29/25 11:29	VX082925

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\VX082925\
Data File : VX047561.D
Acq On : 29 Aug 2025 11:29
Operator : JC/MD
Sample : VX0829WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 29 23:51:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 29 02:31:18 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0829WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 09/02/2025
Supervised By :Semsettin Yesilyurt 09/03/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	238310	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.763	114	414972	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	372504	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	184959	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	172139	47.038	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 94.080%			
35) Dibromofluoromethane	5.391	113	136803	48.033	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.060%			
50) Toluene-d8	8.647	98	482880	48.370	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.740%			
62) 4-Bromofluorobenzene	11.079	95	184241	49.126	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.260%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	47115	18.053	ug/l	99
3) Chloromethane	1.313	50	47681	16.728	ug/l	93
4) Vinyl Chloride	1.392	62	58806	17.551	ug/l	100
5) Bromomethane	1.630	94	28951	19.977	ug/l	93
6) Chloroethane	1.709	64	39850	18.719	ug/l	94
7) Trichlorofluoromethane	1.904	101	88022	18.470	ug/l	94
8) Diethyl Ether	2.148	74	34320	18.150	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.349	101	52657	18.553	ug/l	98
10) Methyl Iodide	2.471	142	77701	16.539	ug/l	97
11) Tert butyl alcohol	2.959	59	28236	83.943	ug/l	100
12) 1,1-Dichloroethene	2.337	96	53512	17.781	ug/l	96
13) Acrolein	2.252	56	54315	80.551	ug/l	96
14) Allyl chloride	2.678	41	98637	17.891	ug/l	98
15) Acrylonitrile	3.081	53	133241	88.521	ug/l	98
16) Acetone	2.392	43	119513	82.459	ug/l	98
17) Carbon Disulfide	2.526	76	157999	17.656	ug/l	99
18) Methyl Acetate	2.715	43	63366	17.733	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	177564	18.076	ug/l	97
20) Methylene Chloride	2.800	84	64216	17.412	ug/l	99
21) trans-1,2-Dichloroethene	3.105	96	58493	18.264	ug/l	93
22) Diisopropyl ether	3.770	45	208150	18.746	ug/l	89
23) Vinyl Acetate	3.733	43	829387	91.729	ug/l	100
24) 1,1-Dichloroethane	3.623	63	111636	18.093	ug/l	99
25) 2-Butanone	4.562	43	167735	87.939	ug/l	95
26) 2,2-Dichloropropane	4.489	77	82028	18.393	ug/l	98
27) cis-1,2-Dichloroethene	4.501	96	70075	17.958	ug/l	99
28) Bromochloromethane	4.910	49	49766	18.691	ug/l	98
29) Tetrahydrofuran	5.019	42	101984	86.159	ug/l	99
30) Chloroform	5.105	83	113884	18.126	ug/l	97
31) Cyclohexane	5.489	56	96098	18.675	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	94442	18.450	ug/l	99
36) 1,1-Dichloropropene	5.702	75	78252	19.306	ug/l	99
37) Ethyl Acetate	4.727	43	78027	19.531	ug/l	98
38) Carbon Tetrachloride	5.684	117	82746	18.398	ug/l	98
39) Methylcyclohexane	7.379	83	92040	19.690	ug/l	96
40) Benzene	6.044	78	238732	18.449	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082925\
Data File : VX047561.D
Acq On : 29 Aug 2025 11:29
Operator : JC/MD
Sample : VX0829WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 29 23:51:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 29 02:31:18 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0829WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 09/02/2025
Supervised By :Semsettin Yesilyurt 09/03/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.934	41	38376	20.283	ug/l		98
42) 1,2-Dichloroethane	6.092	62	85532	18.361	ug/l		99
43) Isopropyl Acetate	6.342	43	120057	18.702	ug/l		99
44) Trichloroethene	7.129	130	59784	18.646	ug/l		95
45) 1,2-Dichloropropane	7.434	63	59261	18.181	ug/l		98
46) Dibromomethane	7.580	93	44266	18.448	ug/l		98
47) Bromodichloromethane	7.824	83	91210	18.587	ug/l		99
48) Methyl methacrylate	7.696	41	60616	18.356	ug/l		98
49) 1,4-Dioxane	7.683	88	12516	383.149	ug/l		95
51) 4-Methyl-2-Pentanone	8.574	43	353373	93.167	ug/l		99
52) Toluene	8.720	92	149613	18.972	ug/l		99
53) t-1,3-Dichloropropene	8.976	75	81987	18.545	ug/l		95
54) cis-1,3-Dichloropropene	8.366	75	92134	18.809	ug/l		99
55) 1,1,2-Trichloroethane	9.153	97	57431	18.668	ug/l		99
56) Ethyl methacrylate	9.116	69	85658	18.809	ug/l		100
57) 1,3-Dichloropropane	9.305	76	100569	18.881	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.238	63	199294	102.330	ug/l		99
59) 2-Hexanone	9.427	43	237487	91.656	ug/l		99
60) Dibromochloromethane	9.519	129	68812	18.723	ug/l		99
61) 1,2-Dibromoethane	9.610	107	60047	19.180	ug/l		100
64) Tetrachloroethene	9.275	164	49533	19.848	ug/l		94
65) Chlorobenzene	10.079	112	167168	19.170	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.159	131	55640	18.816	ug/l		98
67) Ethyl Benzene	10.195	91	284675	19.427	ug/l		99
68) m/p-Xylenes	10.299	106	219405	40.313	ug/l		98
69) o-Xylene	10.640	106	103690	19.777	ug/l		99
70) Styrene	10.652	104	180297	19.819	ug/l		99
71) Bromoform	10.799	173	43704	19.410	ug/l	#	100
73) Isopropylbenzene	10.957	105	271297	19.934	ug/l		99
74) N-amyl acetate	10.841	43	104394	18.574	ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.207	83	82106	19.084	ug/l		100
76) 1,2,3-Trichloropropane	11.238	75	64822m	19.637	ug/l		
77) Bromobenzene	11.195	156	67488	19.384	ug/l		98
78) n-propylbenzene	11.299	91	321157	19.820	ug/l		100
79) 2-Chlorotoluene	11.360	91	196605	19.564	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	227135	20.411	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	11826	19.507	ug/l		95
82) 4-Chlorotoluene	11.451	91	232287	19.700	ug/l		100
83) tert-Butylbenzene	11.713	119	222420	19.827	ug/l		98
84) 1,2,4-Trimethylbenzene	11.750	105	228228	20.120	ug/l		99
85) sec-Butylbenzene	11.890	105	275685	20.424	ug/l		99
86) p-Isopropyltoluene	12.006	119	229492	20.283	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	127668	19.668	ug/l		98
88) 1,4-Dichlorobenzene	12.036	146	130699	19.501	ug/l		100
89) n-Butylbenzene	12.329	91	213086	20.405	ug/l		99
90) Hexachloroethane	12.536	117	39843	19.157	ug/l		99
91) 1,2-Dichlorobenzene	12.335	146	122097	19.195	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	14719	18.548	ug/l		97
93) 1,2,4-Trichlorobenzene	13.585	180	78076	20.137	ug/l		99
94) Hexachlorobutadiene	13.725	225	27630	20.502	ug/l		98
95) Naphthalene	13.774	128	221986	19.586	ug/l		99
96) 1,2,3-Trichlorobenzene	13.957	180	73079	20.065	ug/l		98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082925\
Data File : VX047561.D
Acq On : 29 Aug 2025 11:29
Operator : JC/MD
Sample : VX0829WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0829WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 09/02/2025
Supervised By :Semsettin Yesilyurt 09/03/2025

Quant Time: Aug 29 23:51:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 29 02:31:18 2025
Response via : Initial Calibration

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

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

Sample Results: **VX047561.D**

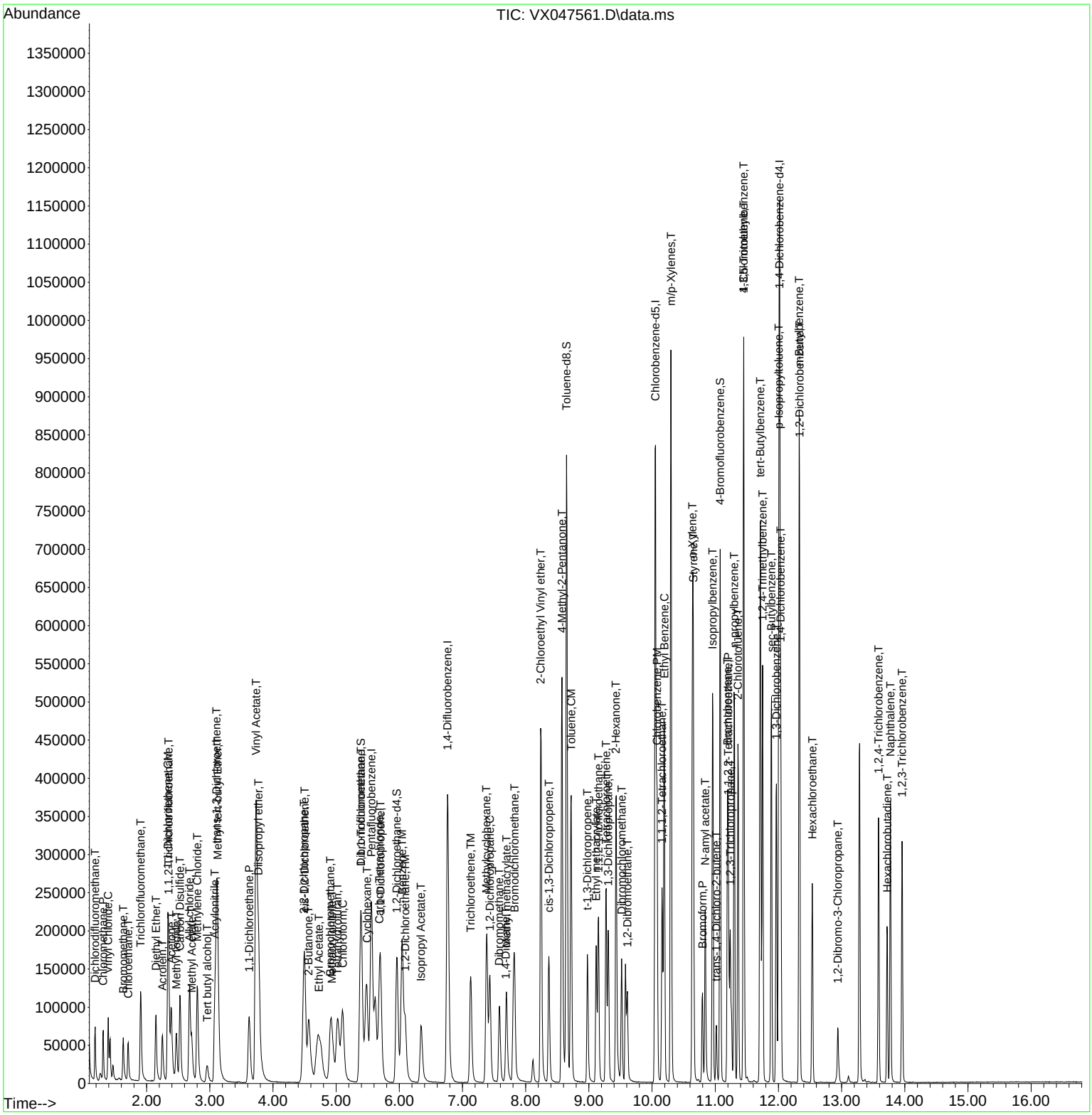
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082925\
Data File : VX047561.D
Acq On : 29 Aug 2025 11:29
Operator : JC/MD
Sample : VX0829WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 29 23:51:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 29 02:31:18 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0829WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 09/02/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



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

Manual Integration Report

Sequence:	vx082825	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC001	VX047548.D	1,2,3-Trichloropropane	JOHN	8/29/2025 8:43:43 AM	Sam	8/29/2025 1:22:06 PM	Peak Integrated by Software
VSTDICC001	VX047548.D	1,4-Dichlorobenzene	JOHN	8/29/2025 8:43:43 AM	Sam	8/29/2025 1:22:06 PM	Peak Integrated by Software
VSTDICC001	VX047548.D	1,4-Dioxane	JOHN	8/29/2025 8:43:43 AM	Sam	8/29/2025 1:22:06 PM	Peak Integrated by Software
VSTDICC001	VX047548.D	Methacrylonitrile	JOHN	8/29/2025 8:43:43 AM	Sam	8/29/2025 1:22:06 PM	Peak Integrated by Software
VSTDICC001	VX047548.D	N-amyl acetate	JOHN	8/29/2025 8:43:43 AM	Sam	8/29/2025 1:22:06 PM	Peak Integrated by Software
VSTDICC001	VX047548.D	Trichloroethene	JOHN	8/29/2025 8:43:43 AM	Sam	8/29/2025 1:22:06 PM	Peak Integrated by Software
VSTDICC005	VX047549.D	1,2,3-Trichloropropane	JOHN	8/29/2025 8:43:47 AM	Sam	8/29/2025 1:22:13 PM	Peak Integrated by Software
VSTDICC020	VX047550.D	1,2,3-Trichloropropane	JOHN	8/29/2025 8:43:51 AM	Sam	8/29/2025 1:22:23 PM	Peak Integrated by Software
VSTDICCC050	VX047551.D	1,2,3-Trichloropropane	JOHN	8/29/2025 8:43:57 AM	Sam	8/29/2025 1:22:32 PM	Peak Integrated by Software
VSTDICC100	VX047552.D	1,2,3-Trichloropropane	JOHN	8/29/2025 8:44:02 AM	Sam	8/29/2025 1:22:41 PM	Peak Integrated by Software
VSTDICC150	VX047553.D	1,2,3-Trichloropropane	JOHN	8/29/2025 8:44:07 AM	Sam	8/29/2025 1:22:47 PM	Peak Integrated by Software
VSTDICV050	VX047555.D	1,2,3-Trichloropropane	JOHN	8/29/2025 8:44:11 AM	Sam	8/29/2025 1:22:52 PM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	vx082825	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

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

Manual Integration Report

Sequence:	VX082925	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

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

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX082825

Review By	John Carlone	Review On	8/29/2025 8:44:28 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	8/29/2025 1:23:07 PM		
SubDirectory	VX082825	HP Acquire Method		HP Processing Method	82X082825W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135320
Initial Calibration Stds	
CCC	
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX047541.D	28 Aug 2025 09:11	JC/MD	Ok
2	VSTDCCC050	VX047542.D	28 Aug 2025 10:32	JC/MD	Not Ok
3	VX0828MBL01	VX047543.D	28 Aug 2025 11:00	JC/MD	Not Ok
4	VX0828WBL01	VX047544.D	28 Aug 2025 11:20	JC/MD	Not Ok
5	VX0828WBS01	VX047545.D	28 Aug 2025 12:37	JC/MD	Not Ok
6	IBLK	VX047546.D	28 Aug 2025 13:26	JC/MD	Ok
7	IBLK	VX047547.D	28 Aug 2025 13:46	JC/MD	Ok
8	VSTDICC001	VX047548.D	28 Aug 2025 14:07	JC/MD	Ok,M
9	VSTDICC005	VX047549.D	28 Aug 2025 15:11	JC/MD	Ok,M
10	VSTDICC020	VX047550.D	28 Aug 2025 15:32	JC/MD	Ok,M
11	VSTDICCC050	VX047551.D	28 Aug 2025 15:53	JC/MD	Ok,M
12	VSTDICC100	VX047552.D	28 Aug 2025 16:14	JC/MD	Ok,M
13	VSTDICC150	VX047553.D	28 Aug 2025 16:35	JC/MD	Ok,M
14	IBLK	VX047554.D	28 Aug 2025 16:56	JC/MD	Ok
15	VSTDICV050	VX047555.D	28 Aug 2025 17:17	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 # VX082925

Review By		Review On			
Supervise By		Supervise On			
SubDirectory	VX082925	HP Acquire Method		HP Processing Method	82X082825W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135335
Initial Calibration Stds	VP135343,VP135344,VP135345,VP135346,VP135347,VP135348
CCC	VP135336,VP135337
Internal Standard/PEM	
ICV/I.BLK	VP135349
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX047556.D	29 Aug 2025 08:45	JC/MD	Ok
2	VSTDCCC050	VX047557.D	29 Aug 2025 09:48	JC/MD	Ok,NR
3	VX0829MBL01	VX047558.D	29 Aug 2025 10:14	JC/MD	Ok
4	VX0829WBL01	VX047559.D	29 Aug 2025 10:35	JC/MD	Ok
5	VX0829WBS01	VX047560.D	29 Aug 2025 11:02	JC/MD	Ok,NR
6	VX0829WBSD01	VX047561.D	29 Aug 2025 11:29	JC/MD	Ok,NR
7	Q2977-01	VX047562.D	29 Aug 2025 11:49	JC/MD	Ok,NR
8	IBLK	VX047563.D	29 Aug 2025 12:21	JC/MD	Ok
9	IBLK	VX047564.D	29 Aug 2025 12:42	JC/MD	Ok
10	Q2987-01	VX047565.D	29 Aug 2025 13:03	JC/MD	Ok
11	Q2987-02	VX047566.D	29 Aug 2025 13:24	JC/MD	Ok
12	Q2987-03	VX047567.D	29 Aug 2025 13:45	JC/MD	Ok
13	Q2987-04	VX047568.D	29 Aug 2025 14:06	JC/MD	Ok
14	VSTDCCC050	VX047569.D	29 Aug 2025 15:32	JC/MD	Ok,NR

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 # VX082825

Review By	John Carlone	Review On	8/29/2025 8:44:28 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	8/29/2025 1:23:07 PM		
SubDirectory	VX082825	HP Acquire Method		HP Processing Method	82X082825W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135320
Initial Calibration Stds	
CCC	
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX047541.D	28 Aug 2025 09:11		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX047542.D	28 Aug 2025 10:32	Need ICAL	JC/MD	Not Ok
3	VX0828MBL01	VX0828MBL01	VX047543.D	28 Aug 2025 11:00		JC/MD	Not Ok
4	VX0828WBL01	VX0828WBL01	VX047544.D	28 Aug 2025 11:20		JC/MD	Not Ok
5	VX0828WBS01	VX0828WBS01	VX047545.D	28 Aug 2025 12:37		JC/MD	Not Ok
6	IBLK	IBLK	VX047546.D	28 Aug 2025 13:26		JC/MD	Ok
7	IBLK	IBLK	VX047547.D	28 Aug 2025 13:46		JC/MD	Ok
8	VSTDICC001	VSTDICC001	VX047548.D	28 Aug 2025 14:07	LR-81	JC/MD	Ok,M
9	VSTDICC005	VSTDICC005	VX047549.D	28 Aug 2025 15:11	QR-58	JC/MD	Ok,M
10	VSTDICC020	VSTDICC020	VX047550.D	28 Aug 2025 15:32		JC/MD	Ok,M
11	VSTDICCC050	VSTDICCC050	VX047551.D	28 Aug 2025 15:53		JC/MD	Ok,M
12	VSTDICC100	VSTDICC100	VX047552.D	28 Aug 2025 16:14		JC/MD	Ok,M
13	VSTDICC150	VSTDICC150	VX047553.D	28 Aug 2025 16:35		JC/MD	Ok,M
14	IBLK	IBLK	VX047554.D	28 Aug 2025 16:56		JC/MD	Ok
15	VSTDICV050	ICVVX082825	VX047555.D	28 Aug 2025 17:17		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 # VX082925

Review By		Review On			
Supervise By		Supervise On			
SubDirectory	VX082925	HP Acquire Method		HP Processing Method	82X082825W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135335
Initial Calibration Stds	VP135343,VP135344,VP135345,VP135346,VP135347,VP135348
CCC	VP135336,VP135337
Internal Standard/PEM	
ICV/I.BLK	VP135349
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX047556.D	29 Aug 2025 08:45		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX047557.D	29 Aug 2025 09:48		JC/MD	Ok,NR
3	VX0829MBL01	VX0829MBL01	VX047558.D	29 Aug 2025 10:14		JC/MD	Ok
4	VX0829WBL01	VX0829WBL01	VX047559.D	29 Aug 2025 10:35		JC/MD	Ok
5	VX0829WBS01	VX0829WBS01	VX047560.D	29 Aug 2025 11:02		JC/MD	Ok,NR
6	VX0829WBSD01	VX0829WBSD01	VX047561.D	29 Aug 2025 11:29		JC/MD	Ok,NR
7	Q2977-01	33125	VX047562.D	29 Aug 2025 11:49		JC/MD	Ok,NR
8	IBLK	IBLK	VX047563.D	29 Aug 2025 12:21		JC/MD	Ok
9	IBLK	IBLK	VX047564.D	29 Aug 2025 12:42		JC/MD	Ok
10	Q2987-01	STORAGE-BLANK-SAI	VX047565.D	29 Aug 2025 13:03		JC/MD	Ok
11	Q2987-02	STORAGE-BLANK-WA	VX047566.D	29 Aug 2025 13:24		JC/MD	Ok
12	Q2987-03	STORAGE-BLANK-WA	VX047567.D	29 Aug 2025 13:45		JC/MD	Ok
13	Q2987-04	STORAGE-BLANK-SAI	VX047568.D	29 Aug 2025 14:06		JC/MD	Ok
14	VSTDCCC050	VSTDCCC050EC	VX047569.D	29 Aug 2025 15:32		JC/MD	Ok,NR

M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 9/2/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:30
In Date: 08/29/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:33
Out Date: 08/30/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB137021

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
Q2987-05	SVOC-GPC-BLANK	1	1.00	1.00	2.00	2.00	100.0	
Q2987-06	PEST-GPC-BLANK	2	1.00	1.00	2.00	2.00	100.0	
Q2987-07	PEST-GPC-BLANK-SPIKE	3	1.00	1.00	2.00	2.00	100.0	
Q2987-08	SVOC-GPC2-BLANK	4	1.00	1.00	2.00	2.00	100.0	
Q2987-09	PEST-GPC2-BLANK	5	1.00	1.00	2.00	2.00	100.0	
Q2987-10	PEST -GPC2-BLANK-SPIKE	6	1.00	1.00	2.00	2.00	100.0	
Q2989-01	SOUTH-TP-5	7	1.15	11.15	12.3	10.9	87.4	
Q2989-02	SOUTH-TP-5-E2	8	1.16	10.65	11.81	10.23	85.2	
Q2989-03	SOUTH-TP-6	9	1.18	10.81	11.99	10.74	88.4	
Q2989-04	SOUTH-TP-6-E2	10	1.17	10.22	11.39	10.31	89.4	
Q2991-01	309	11	1.00	1.00	2.00	2.00	100.0	debris
Q2991-02	309	12	1.00	1.00	2.00	2.00	100.0	debris
Q2991-03	303-304-305-COMP	13	1.15	10.50	11.65	11.22	95.9	
Q2991-04	303	14	1.19	10.15	11.34	10.93	96.0	
Q2991-05	304	15	1.19	10.48	11.67	11.27	96.2	
Q2991-06	305	16	1.14	10.47	11.61	11.21	96.2	
Q2992-01	BC274767-A	17	1.00	1.00	2.00	2.00	100.0	PILC
Q2992-02	BC274767-B	18	1.00	1.00	2.00	2.00	100.0	PILC
Q2994-01	PAULDING-WC1	19	1.15	10.74	11.89	10.92	91.0	
Q2995-01	RT5427	20	1.19	10.76	11.95	11.03	91.4	
Q2996-01	CONTAINMENT-A	21	1.00	1.00	2.00	2.00	100.0	STONE SAMPLE, 100% SOLIDS
Q2996-03	CONTAINMENT-B	22	1.00	1.00	2.00	2.00	100.0	STONE SAMPLE, 100% SOLIDS
Q2996-05	CONTAINMENT-C	23	1.00	1.00	2.00	2.00	100.0	STONE SAMPLE, 100% SOLIDS
Q2997-01	EO-01-082925	24	1.15	10.53	11.68	10.88	92.4	
Q2997-02	EO-01-082925-E2	25	1.12	10.87	11.99	11.05	91.4	
Q2998-01	AU-05-082925	26	1.19	10.93	12.12	11.52	94.5	

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

WORKLIST(Hardcopy Internal Chain)

137021

WorkList Name : %1-082925 **WorkList ID :** 191576 **Department :** Wet-Chemistry **Date :** 08-29-2025 08:22:24

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2987-05	SVOC-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	D21	08/22/2025	Chemtech -SO
Q2987-06	PEST-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	D21	08/22/2025	Chemtech -SO
Q2987-07	PEST-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	D21	08/22/2025	Chemtech -SO
Q2987-08	SVOC-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	D21	08/22/2025	Chemtech -SO
Q2987-09	PEST-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	D21	08/22/2025	Chemtech -SO
Q2987-10	PEST -GPC2-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	D21	08/22/2025	Chemtech -SO
Q2989-01	SOUTH-TP-5	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	08/29/2025	Chemtech -SO
Q2989-02	SOUTH-TP-5-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	08/29/2025	Chemtech -SO
Q2989-03	SOUTH-TP-6	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	08/29/2025	Chemtech -SO
Q2989-04	SOUTH-TP-6-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	08/29/2025	Chemtech -SO
Q2991-01	309	Solid	Percent Solids	Cool 4 deg C	PSEG03	D21	08/29/2025	Chemtech -SO
Q2991-02	309	Solid	Percent Solids	Cool 4 deg C	PSEG03	D21	08/29/2025	Chemtech -SO
Q2991-03	303-304-305-COMP	Solid	Percent Solids	Cool 4 deg C	PSEG03	D21	08/29/2025	Chemtech -SO
Q2991-04	303	Solid	Percent Solids	Cool 4 deg C	PSEG03	D21	08/29/2025	Chemtech -SO
Q2991-05	304	Solid	Percent Solids	Cool 4 deg C	PSEG03	D21	08/29/2025	Chemtech -SO
Q2991-06	305	Solid	Percent Solids	Cool 4 deg C	PSEG03	D21	08/29/2025	Chemtech -SO
Q2992-01	BC274767-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D21	08/29/2025	Chemtech -SO
Q2992-02	BC274767-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D21	08/29/2025	Chemtech -SO
Q2994-01	PAULDING-WC1	Solid	Percent Solids	Cool 4 deg C	CORE02	D31	08/29/2025	Chemtech -SO
Q2995-01	RT5427	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/29/2025	Chemtech -SO
Q2996-01	CONTAINMENT-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/29/2025	Chemtech -SO

Date/Time 08/29/25 16:15

Raw Sample Received by: JD WC1

Raw Sample Relinquished by: JD CSM

Date/Time 08/29/25 17:35

Raw Sample Received by: JD CSM1

Raw Sample Relinquished by: JD WC1

WORKLIST(Hardcopy Internal Chain)

9/3/2021

WorkList Name : %1-082925 **WorkList ID :** 191576 **Department :** Wet-Chemistry **Date :** 08-29-2025 08:22:24

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2996-03	CONTAINMENT-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/29/2025	Chemtech -SO
Q2996-05	CONTAINMENT-C	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/29/2025	Chemtech -SO
Q2997-01	EO-01-082925	Solid	Percent Solids	Cool 4 deg C	PSEG05	D31	08/29/2025	Chemtech -SO
Q2997-02	EO-01-082925-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	D31	08/29/2025	Chemtech -SO
Q2998-01	AU-05-082925	Solid	Percent Solids	Cool 4 deg C	PSEG05	D21	08/29/2025	Chemtech -SO

Date/Time 08/29/25 16:15
Raw Sample Received by: SB CWC
Raw Sample Relinquished by: JP CSM

Date/Time 08/29/25 17:35
Raw Sample Received by: JP CSM
Raw Sample Relinquished by: SB CWC

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: Q2987

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					

PRESERVATIVES

	A/E	1	2	3	4	5	6	7	8	9

COMMENTS

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

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
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								

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

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

Conditions of bottles or coolers at receipt: ❑ Compliant ❑ Non Compliant ❑ Cooler Temp 3.0
❑ 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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HARD COPY:_____10_____DAYS*
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* TO BE APPROVED BY ALLIANCE
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

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- ☐ NYS ASP "B" (L4)
- ☐ 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

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RELINQUISHED BY 2	DATE/TIME	RECEIVED BY 2.
RELINQUISHED BY 3.	DATE/TIME	RECEIVED FOR LAB BY 3.

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MeOH extraction requires an additional 4oz. Jar for percent solid ☐ Ice in Cooler?:_____
Comments:

Page 2 of 2

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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.
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255425
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312