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:	Q2378	**OrderDate:**	6/20/2025 11:34:00 AM
Client:	Chemtech Consulting Group	**Project:**	Weekly Storage Blanks
Contact:	QA Officer	**Location:**	D41,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2378-01	**STORAGE-BLANK-SOIL-REF-6**	**Water**			**06/13/25**			**06/20/25**
			VOC- Chemtech Full	8260-Low			06/20/25	
Q2378-02	**STORAGE-BLANK-WATER-REF-5**	**Water**			**06/13/25**			**06/20/25**
			VOC- Chemtech Full	8260-Low			06/20/25	
Q2378-03	**STORAGE-BLANK-WATER-REF-4**	**Water**			**06/13/25**			**06/20/25**
			VOC- Chemtech Full	8260-Low			06/20/25	
Q2378-04	**STORAGE-BLANK-SAMPLE-MANAGEMENT**	**Water**			**06/13/25**			**06/20/25**
			VOC- Chemtech Full	8260-Low			06/20/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2378

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.: Q2378

Client: Chemtech Consulting Group

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits Low	Limits High
Q2378-01	STORAGE-BLANK-SOIL-REF-6	1,2-Dichloroethane-d4	50	48.1	96	74	125
		Dibromofluoromethane	50	49.1	98	75	124
		Toluene-d8	50	50.4	101	86	113
		4-Bromofluorobenzene	50	49.4	99	77	121
Q2378-02	STORAGE-BLANK-WATER-REF-5	1,2-Dichloroethane-d4	50	49.9	100	74	125
		Dibromofluoromethane	50	49.3	99	75	124
		Toluene-d8	50	51.1	102	86	113
		4-Bromofluorobenzene	50	51.3	103	77	121
Q2378-03	STORAGE-BLANK-WATER-REF-4	1,2-Dichloroethane-d4	50	48.5	97	74	125
		Dibromofluoromethane	50	48.4	97	75	124
		Toluene-d8	50	49.6	99	86	113
		4-Bromofluorobenzene	50	48.7	97	77	121
Q2378-04	STORAGE-BLANK-SAMPLE-MANAC	1,2-Dichloroethane-d4	50	49.4	99	74	125
		Dibromofluoromethane	50	49.5	99	75	124
		Toluene-d8	50	50.5	101	86	113
		4-Bromofluorobenzene	50	50.7	101	77	121
VX0620WBL02	VX0620WBL02	1,2-Dichloroethane-d4	50	47.0	94	74	125
		Dibromofluoromethane	50	48.8	98	75	124
		Toluene-d8	50	49.8	100	86	113
		4-Bromofluorobenzene	50	49.7	99	77	121
VX0620WBS02	VX0620WBS02	1,2-Dichloroethane-d4	50	48.0	96	74	125
		Dibromofluoromethane	50	49.3	99	75	124
		Toluene-d8	50	50.4	101	86	113
		4-Bromofluorobenzene	50	52.2	104	77	121
VX0620WBSD0	VX0620WBSD02	1,2-Dichloroethane-d4	50	48.2	96	74	125
		Dibromofluoromethane	50	49.8	100	75	124
		Toluene-d8	50	50.6	101	86	113
		4-Bromofluorobenzene	50	52.7	105	77	121

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2378

Client: Chemtech Consulting Group

Analytical Method: SW8260-Low **Datafile :** VX046791.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0620WBS02	Dichlorodifluoromethane	20	18.7	ug/L	94			69	116	
	Chloromethane	20	18.1	ug/L	91			65	116	
	Vinyl chloride	20	18.7	ug/L	94			65	117	
	Ethyl Acetate	20	15.8	ug/L	79			75	115	
	Bromomethane	20	21.0	ug/L	105			58	125	
	Chloroethane	20	19.3	ug/L	97			56	128	
	Trichlorofluoromethane	20	18.6	ug/L	93			73	115	
	1,1,2-Trichlorotrifluoroethane	20	18.8	ug/L	94			80	112	
	Tert butyl alcohol	100	59.9	ug/L	60			48	142	
	1,1-Dichloroethene	20	18.7	ug/L	94			74	110	
	Acrolein	100	77.6	ug/L	78			28	144	
	Acrylonitrile	100	83.5	ug/L	84			73	113	
	Acetone	100	72.4	ug/L	72			60	125	
	Carbon disulfide	20	16.7	ug/L	84			64	112	
	Methyl tert-butyl Ether	20	16.8	ug/L	84			78	114	
	Methyl Acetate	20	17.0	ug/L	85			67	125	
	Methylene Chloride	20	18.2	ug/L	91			72	114	
	trans-1,2-Dichloroethene	20	18.8	ug/L	94			75	108	
	Vinyl Acetate	100	87.6	ug/L	88			76	115	
	1,1-Dichloroethane	20	18.6	ug/L	93			78	112	
	Cyclohexane	20	18.6	ug/L	93			75	110	
	2-Butanone	100	79.5	ug/L	80			65	122	
	Carbon Tetrachloride	20	17.9	ug/L	90			77	113	
	2,2-Dichloropropane	20	17.9	ug/L	90			56	164	
	cis-1,2-Dichloroethene	20	18.5	ug/L	93			77	110	
	Bromochloromethane	20	19.8	ug/L	99			70	124	
	Chloroform	20	19.1	ug/L	96			79	113	
	1,1,1-Trichloroethane	20	18.0	ug/L	90			80	108	
	Methylcyclohexane	20	18.0	ug/L	90			72	115	
	1,1-Dichloropropene	20	18.4	ug/L	92			79	110	
	Benzene	20	18.7	ug/L	94			82	109	
	1,2-Dichloroethane	20	18.2	ug/L	91			80	115	
	Trichloroethene	20	18.7	ug/L	94			77	113	
	1,2-Dichloropropane	20	18.9	ug/L	95			83	111	
	Dibromomethane	20	18.5	ug/L	93			82	110	
	Bromodichloromethane	20	18.5	ug/L	93			83	110	
	4-Methyl-2-Pentanone	100	82.4	ug/L	82			74	118	
	Toluene	20	19.1	ug/L	96			82	110	
	t-1,3-Dichloropropene	20	17.6	ug/L	88			79	110	
	cis-1,3-Dichloropropene	20	18.0	ug/L	90			82	110	
	1,1,2-Trichloroethane	20	19.1	ug/L	96			83	112	
	1,3-Dichloropropane	20	18.8	ug/L	94			83	111	
	2-Chloroethyl vinyl ether	100	93.4	ug/L	93			75	124	
	2-Hexanone	100	79.3	ug/L	79			73	117	
	Dibromochloromethane	20	18.3	ug/L	92			82	110	
	1,2-Dibromoethane	20	18.3	ug/L	92			81	110	
	Tetrachloroethene	20	18.3	ug/L	92			67	123	
	Chlorobenzene	20	18.5	ug/L	93			82	109	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2378

Client: Chemtech Consulting Group

Analytical Method: SW8260-Low **Datafile :** VX046791.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0620WBS02	1,1,1,2-Tetrachloroethane	20	17.9	ug/L	90			84	111	
	Hexachloroethane	20	16.4	ug/L	82			80	113	
	Ethyl Benzene	20	18.2	ug/L	91			83	109	
	m/p-Xylenes	40	37.1	ug/L	93			82	110	
	o-Xylene	20	19.2	ug/L	96			83	109	
	Styrene	20	18.0	ug/L	90			80	111	
	Bromoform	20	17.1	ug/L	86			79	109	
	Isopropylbenzene	20	17.8	ug/L	89			83	112	
	1,1,2,2-Tetrachloroethane	20	17.2	ug/L	86			76	118	
	1,2,3-Trichloropropane	20	15.2	ug/L	76			75	112	
	Bromobenzene	20	18.2	ug/L	91			77	116	
	N-propylbenzene	20	18.0	ug/L	90			83	112	
	2-Chlorotoluene	20	17.9	ug/L	90			83	110	
	1,3,5-Trimethylbenzene	20	18.1	ug/L	91			85	112	
	4-Chlorotoluene	20	17.8	ug/L	89			82	110	
	tert-Butylbenzene	20	17.6	ug/L	88			83	112	
	1,2,4-Trimethylbenzene	20	18.2	ug/L	91			85	111	
	Sec-butylbenzene	20	18.4	ug/L	92			81	114	
	p-Isopropyltoluene	20	17.9	ug/L	90			78	116	
	1,3-Dichlorobenzene	20	17.7	ug/L	89			82	108	
	1,4-Dichlorobenzene	20	17.3	ug/L	86			82	107	
	n-Butylbenzene	20	17.7	ug/L	89			75	115	
	1,2-Dichlorobenzene	20	17.9	ug/L	90			82	109	
	1,2-Dibromo-3-Chloropropane	20	14.7	ug/L	74			68	112	
	1,2,4-Trichlorobenzene	20	17.1	ug/L	86			75	113	
	Hexachlorobutadiene	20	16.7	ug/L	84			81	121	
	Naphthalene	20	16.0	ug/L	80			78	119	
	1,2,3-Trichlorobenzene	20	17.0	ug/L	85			76	114	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2378

Client: Chemtech Consulting Group

Analytical Method: SW8260-Low **Datafile :** VX046792.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0620WBSD02	Dichlorodifluoromethane	20	18.2	ug/L	91	3		69	116	19
	Chloromethane	20	17.7	ug/L	89	2		65	116	21
	Vinyl chloride	20	18.3	ug/L	92	2		65	117	19
	Ethyl Acetate	20	16.7	ug/L	84	6		75	115	27
	Bromomethane	20	20.8	ug/L	104	1		58	125	20
	Chloroethane	20	18.4	ug/L	92	5		56	128	20
	Trichlorofluoromethane	20	18.1	ug/L	91	2		73	115	16
	1,1,2-Trichlorotrifluoroethane	20	18.4	ug/L	92	2		80	112	15
	Tert butyl alcohol	100	63.4	ug/L	63	5		48	142	30
	1,1-Dichloroethene	20	18.6	ug/L	93	1		74	110	20
	Acrolein	100	82.2	ug/L	82	5		28	144	30
	Acrylonitrile	100	83.2	ug/L	83	1		73	113	29
	Acetone	100	73.4	ug/L	73	1		60	125	20
	Carbon disulfide	20	16.6	ug/L	83	1		64	112	20
	Methyl tert-butyl Ether	20	17.5	ug/L	88	5		78	114	20
	Methyl Acetate	20	16.6	ug/L	83	2		67	125	20
	Methylene Chloride	20	18.3	ug/L	92	1		72	114	20
	trans-1,2-Dichloroethene	20	18.1	ug/L	91	3		75	108	16
	Vinyl Acetate	100	89.3	ug/L	89	1		76	115	26
	1,1-Dichloroethane	20	18.4	ug/L	92	1		78	112	20
	Cyclohexane	20	18.4	ug/L	92	1		75	110	20
	2-Butanone	100	80.1	ug/L	80	0		65	122	26
	Carbon Tetrachloride	20	18.2	ug/L	91	1		77	113	15
	2,2-Dichloropropane	20	17.5	ug/L	88	2		56	164	20
	cis-1,2-Dichloroethene	20	18.5	ug/L	93	0		77	110	20
	Bromochloromethane	20	20.2	ug/L	101	2		70	124	20
	Chloroform	20	19.0	ug/L	95	1		79	113	20
	1,1,1-Trichloroethane	20	18.2	ug/L	91	1		80	108	20
	Methylcyclohexane	20	18.3	ug/L	92	2		72	115	20
	1,1-Dichloropropene	20	18.4	ug/L	92	0		79	110	16
	Benzene	20	19.2	ug/L	96	2		82	109	15
	1,2-Dichloroethane	20	18.8	ug/L	94	3		80	115	20
	Trichloroethene	20	19.0	ug/L	95	1		77	113	15
	1,2-Dichloropropane	20	19.5	ug/L	98	3		83	111	16
	Dibromomethane	20	18.3	ug/L	92	1		82	110	20
	Bromodichloromethane	20	19.4	ug/L	97	4		83	110	16
	4-Methyl-2-Pentanone	100	85.7	ug/L	86	5		74	118	25
	Toluene	20	19.3	ug/L	97	1		82	110	16
	t-1,3-Dichloropropene	20	18.4	ug/L	92	4		79	110	20
	cis-1,3-Dichloropropene	20	18.7	ug/L	94	4		82	110	16
	1,1,2-Trichloroethane	20	19.3	ug/L	97	1		83	112	20
	1,3-Dichloropropane	20	19.4	ug/L	97	3		83	111	20
	2-Chloroethyl vinyl ether	100	97.6	ug/L	98	5		75	124	20
	2-Hexanone	100	82.0	ug/L	82	4		73	117	25
	Dibromochloromethane	20	19.1	ug/L	96	4		82	110	20
	1,2-Dibromoethane	20	19.1	ug/L	96	4		81	110	20
	Tetrachloroethene	20	17.9	ug/L	90	2		67	123	15
	Chlorobenzene	20	18.8	ug/L	94	1		82	109	15

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2378

Client: Chemtech Consulting Group

Analytical Method: SW8260-Low **Datafile :** VX046792.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0620WBSD02	1,1,1,2-Tetrachloroethane	20	18.8	ug/L	94	4		84	111	20
	Hexachloroethane	20	16.9	ug/L	85	4		80	113	20
	Ethyl Benzene	20	18.7	ug/L	94	3		83	109	16
	m/p-Xylenes	40	38.2	ug/L	96	3		82	110	15
	o-Xylene	20	19.4	ug/L	97	1		83	109	20
	Styrene	20	18.9	ug/L	95	5		80	111	17
	Bromoform	20	17.4	ug/L	87	1		79	109	20
	Isopropylbenzene	20	18.4	ug/L	92	3		83	112	29
	1,1,2,2-Tetrachloroethane	20	17.4	ug/L	87	1		76	118	20
	1,2,3-Trichloropropane	20	15.4	ug/L	77	1		75	112	20
	Bromobenzene	20	17.8	ug/L	89	2		77	116	20
	N-propylbenzene	20	18.4	ug/L	92	2		83	112	20
	2-Chlorotoluene	20	18.2	ug/L	91	1		83	110	20
	1,3,5-Trimethylbenzene	20	18.4	ug/L	92	1		85	112	20
	4-Chlorotoluene	20	18.0	ug/L	90	1		82	110	20
	tert-Butylbenzene	20	18.0	ug/L	90	2		83	112	20
	1,2,4-Trimethylbenzene	20	18.4	ug/L	92	1		85	111	20
	Sec-butylbenzene	20	18.4	ug/L	92	0		81	114	20
	p-Isopropyltoluene	20	18.1	ug/L	91	1		78	116	20
	1,3-Dichlorobenzene	20	17.9	ug/L	90	1		82	108	20
	1,4-Dichlorobenzene	20	17.5	ug/L	88	2		82	107	15
	n-Butylbenzene	20	18.1	ug/L	91	2		75	115	20
	1,2-Dichlorobenzene	20	18.3	ug/L	92	2		82	109	20
	1,2-Dibromo-3-Chloropropane	20	15.1	ug/L	76	3		68	112	20
	1,2,4-Trichlorobenzene	20	17.4	ug/L	87	1		75	113	29
	Hexachlorobutadiene	20	17.1	ug/L	86	2		81	121	20
	Naphthalene	20	16.6	ug/L	83	4		78	119	20
	1,2,3-Trichlorobenzene	20	17.9	ug/L	90	6		76	114	29

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VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VX0620WBL02

Lab Name: CHEMTECH Contract: CHEM02

Lab Code: CHEM Case No.: Q2378 SAS No.: Q2378 SDG NO.: Q2378

Lab File ID: VX046786.D Lab Sample ID: VX0620WBL02

Date Analyzed: 06/20/2025 Time Analyzed: 16:37

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
VX0620WBS02	VX0620WBS02	VX046791.D	06/20/2025
VX0620WBSD02	VX0620WBSD02	VX046792.D	06/20/2025
STORAGE-BLANK-SOIL-REF-6	Q2378-01	VX046797.D	06/20/2025
STORAGE-BLANK-WATER-REF-5	Q2378-02	VX046798.D	06/20/2025
STORAGE-BLANK-WATER-REF-4	Q2378-03	VX046799.D	06/20/2025
STORAGE-BLANK-SAMPLE-MANAGEMENT	Q2378-04	VX046800.D	06/20/2025

COMMENTS:

Alliance TECHNICAL GROUP

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: CHEM02

Lab Code: CHEM Case No.: Q2378 SAS No.: Q2378 SDG NO.: Q2378

Lab File ID: VX046715.D BFB Injection Date: 06/17/2025

Instrument ID: MSVOA_X BFB Injection Time: 08:46

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	50.7
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	0.5 (0.7) 1
174	50.0 - 100.0% of mass 95	74.8
175	5.0 - 9.0% of mass 174	5.5 (7.4) 1
176	95.0 - 101.0% of mass 174	72 (96.2) 1
177	5.0 - 9.0% of mass 176	4.3 (6) 2

1-Value is % mass 174 2-Value is % mass 176

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC005	VSTDICC005	VX046718.D	06/17/2025	11:19
VSTDICC020	VSTDICC020	VX046719.D	06/17/2025	13:59
VSTDICCC050	VSTDICCC050	VX046720.D	06/17/2025	14:20
VSTDICC100	VSTDICC100	VX046721.D	06/17/2025	14:41
VSTDICC150	VSTDICC150	VX046722.D	06/17/2025	15:02
VSTDICC001	VSTDICC001	VX046725.D	06/17/2025	17:18

Alliance TECHNICAL GROUP

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: CHEM02

Lab Code: CHEM Case No.: Q2378 SAS No.: Q2378 SDG NO.: Q2378

Lab File ID: VX046783.D BFB Injection Date: 06/20/2025

Instrument ID: MSVOA_X BFB Injection Time: 14:51

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	50.7
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	0.8 (1.1) 1
174	50.0 - 100.0% of mass 95	73.1
175	5.0 - 9.0% of mass 174	5.5 (7.5) 1
176	95.0 - 101.0% of mass 174	70.2 (96) 1
177	5.0 - 9.0% of mass 176	4.3 (6.2) 2

1-Value is % mass 174

2-Value is % mass 176

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VX046784.D	06/20/2025	15:49
VX0620WBL02	VX0620WBL02	VX046786.D	06/20/2025	16:37
VX0620WBS02	VX0620WBS02	VX046791.D	06/20/2025	18:21
VX0620WBSD02	VX0620WBSD02	VX046792.D	06/20/2025	18:42
STORAGE-BLANK-SOIL-REF-6	Q2378-01	VX046797.D	06/20/2025	20:25
STORAGE-BLANK-WATER-REF-5	Q2378-02	VX046798.D	06/20/2025	20:46
STORAGE-BLANK-WATER-REF-4	Q2378-03	VX046799.D	06/20/2025	21:07
STORAGE-BLANK-SAMPLE-MANAGEMENT	Q2378-04	VX046800.D	06/20/2025	21:27

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Fax : 908 789 8922

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: CHEM02

Lab Code: CHEM Case No.: Q2378 SAS No.: Q2378 SDG NO.: Q2378

Lab File ID: VX046784.D Date Analyzed: 06/20/2025

Instrument ID: MSVOA_X Time Analyzed: 15:49

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	109489	5.56	188382	6.76	172502	10.05
UPPER LIMIT	218978	6.056	376764	7.263	345004	10.549
LOWER LIMIT	54744.5	5.056	94191	6.263	86251	9.549
EPA SAMPLE NO.						
STORAGE-BLANK-SOIL-REF-6	181190	5.56	312867	6.77	280462	10.06
STORAGE-BLANK-WATER-REF-5	114589	5.56	197625	6.77	182229	10.06
STORAGE-BLANK-WATER-REF-4	179697	5.56	311845	6.77	274663	10.06
STORAGE-BLANK-SAMPLE-MANAGEMEN	110284	5.56	191013	6.77	173788	10.06
VX0620WBL02	159144	5.56	272954	6.77	243269	10.06
VX0620WBS02	125872	5.56	211262	6.77	192683	10.06
VX0620WBSD02	120705	5.56	197926	6.77	182045	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: CHEMTECH Contract: CHEM02

Lab Code: CHEM Case No.: Q2378 SAS No.: Q2378 SDG NO.: Q2378

Lab File ID: VX046784.D Date Analyzed: 06/20/2025

Instrument ID: MSVOA_X Time Analyzed: 15:49

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

	IS4 AREA #	RT #				
12 HOUR STD	86497	12.018				
UPPER LIMIT	172994	12.518				
LOWER LIMIT	43248.5	11.518				
EPA SAMPLE NO.						
STORAGE-BLANK-SOIL-REF-6	136509	12.02				
STORAGE-BLANK-WATER-REF-5	88541	12.02				
STORAGE-BLANK-WATER-REF-4	133303	12.02				
STORAGE-BLANK-SAMPLE-MANAGEME	86424	12.02				
VX0620WBL02	117754	12.02				
VX0620WBS02	99647	12.02				
VX0620WBSD02	94174	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: **VX046797.D**

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Fax : 908 789 8922

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	06/13/25
Project:	Weekly Storage Blanks	Date Received:	06/20/25
Client Sample ID:	STORAGE-BLANK-SOIL-REF-6	SDG No.:	Q2378
Lab Sample ID:	Q2378-01	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:	Prep Date	Date Analyzed	Prep Batch ID
VX046797.D	1		06/20/25 20:25	VX062025

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: **VX046797.D**

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	06/13/25
Project:	Weekly Storage Blanks	Date Received:	06/20/25
Client Sample ID:	STORAGE-BLANK-SOIL-REF-6	SDG No.:	Q2378
Lab Sample ID:	Q2378-01	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:	Prep Date	Date Analyzed	Prep Batch ID
VX046797.D	1		06/20/25 20:25	VX062025

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: **VX046797.D**

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Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	06/13/25
Project:	Weekly Storage Blanks	Date Received:	06/20/25
Client Sample ID:	STORAGE-BLANK-SOIL-REF-6	SDG No.:	Q2378
Lab Sample ID:	Q2378-01	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:	Prep Date	Date Analyzed	Prep Batch ID
VX046797.D	1		06/20/25 20:25	VX062025

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	48.1		74 - 125	96%	SPK: 50
1868-53-7	Dibromofluoromethane	49.1		75 - 124	98%	SPK: 50
2037-26-5	Toluene-d8	50.4		86 - 113	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.4		77 - 121	99%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	181000	5.562			
540-36-3	1,4-Difluorobenzene	313000	6.769			
3114-55-4	Chlorobenzene-d5	280000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	137000	12.018			

Raw Data: **VX046797.D**

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Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	06/13/25
Project:	Weekly Storage Blanks	Date Received:	06/20/25
Client Sample ID:	STORAGE-BLANK-SOIL-REF-6	SDG No.:	Q2378
Lab Sample ID:	Q2378-01	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:	Prep Date	Date Analyzed	Prep Batch ID
VX046797.D	1		06/20/25 20:25	VX062025

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\VX062025\
Data File : VX046797.D
Acq On : 20 Jun 2025 20:25
Operator : JC/MD
Sample : Q2378-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Jun 21 00:14:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	181190	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	312867	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	280462	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	136509	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	120471	48.070	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 96.140%			
35) Dibromofluoromethane	5.397	113	101641	49.101	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.200%			
50) Toluene-d8	8.647	98	375028	50.426	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.860%			
62) 4-Bromofluorobenzene	11.079	95	137063	49.440	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 98.880%			

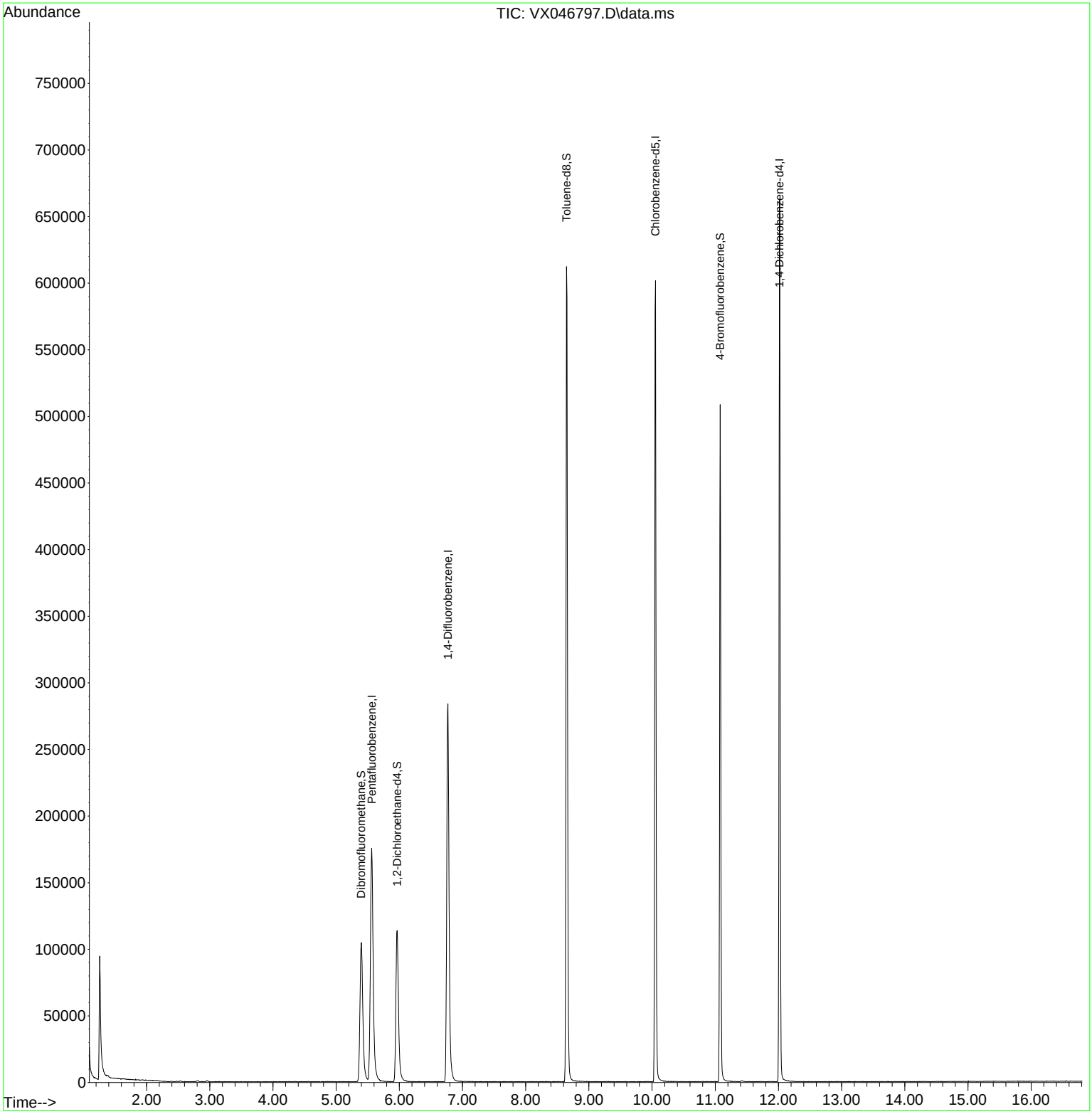
Target Compounds Qvalue

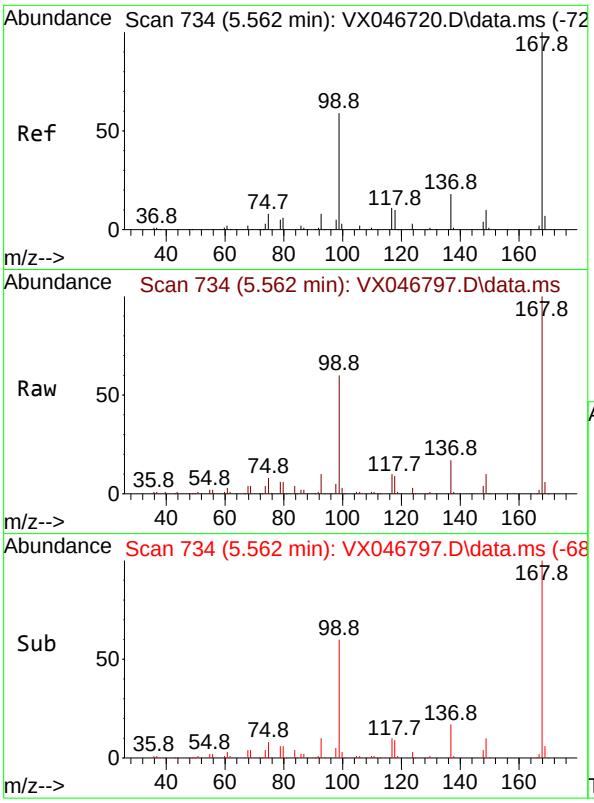
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062025\
Data File : VX046797.D
Acq On : 20 Jun 2025 20:25
Operator : JC/MD
Sample : Q2378-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Jun 21 00:14:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration



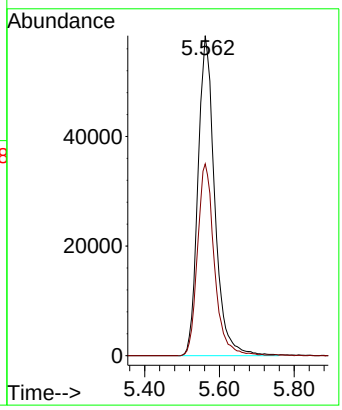


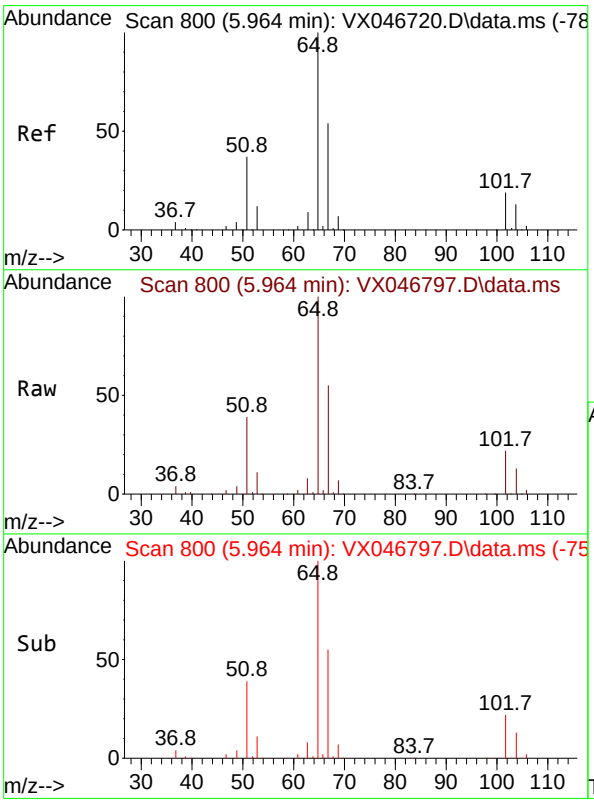
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046797.D
Acq: 20 Jun 2025 20:25

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

Tgt Ion:168 Resp: 181190

Ion	Ratio	Lower	Upper
168	100		
99	60.0	48.5	72.7

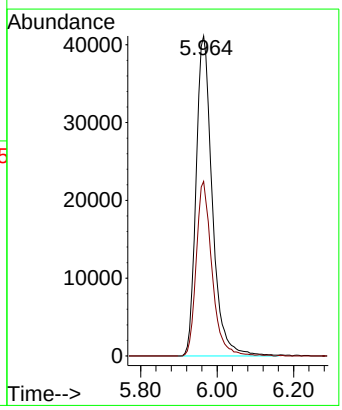


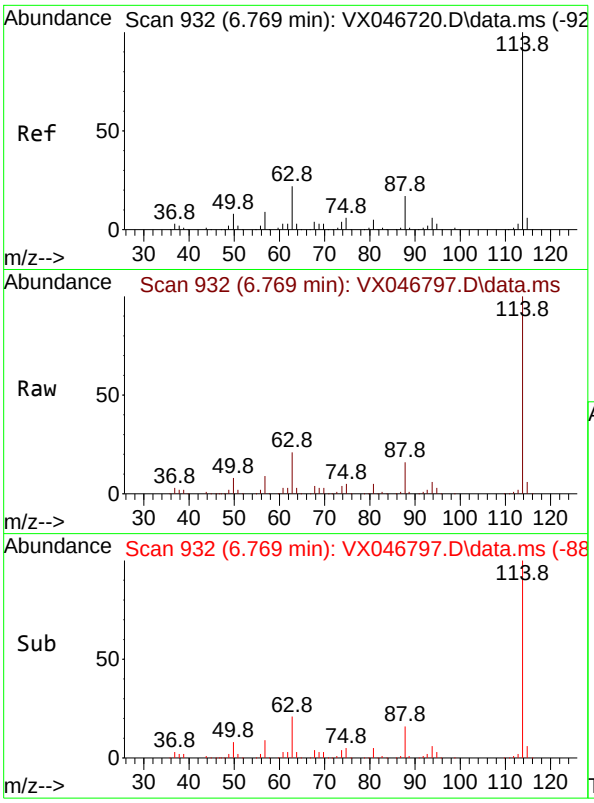


#33
1,2-Dichloroethane-d4
Concen: 48.070 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.000 min
Lab File: VX046797.D
Acq: 20 Jun 2025 20:25

Tgt Ion: 65 Resp: 120471

Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	105.4



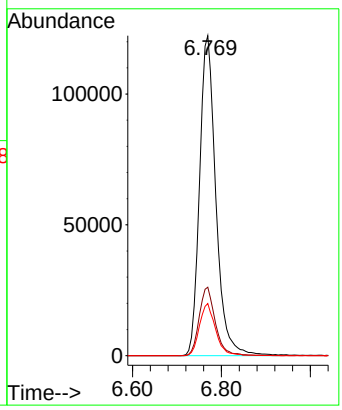


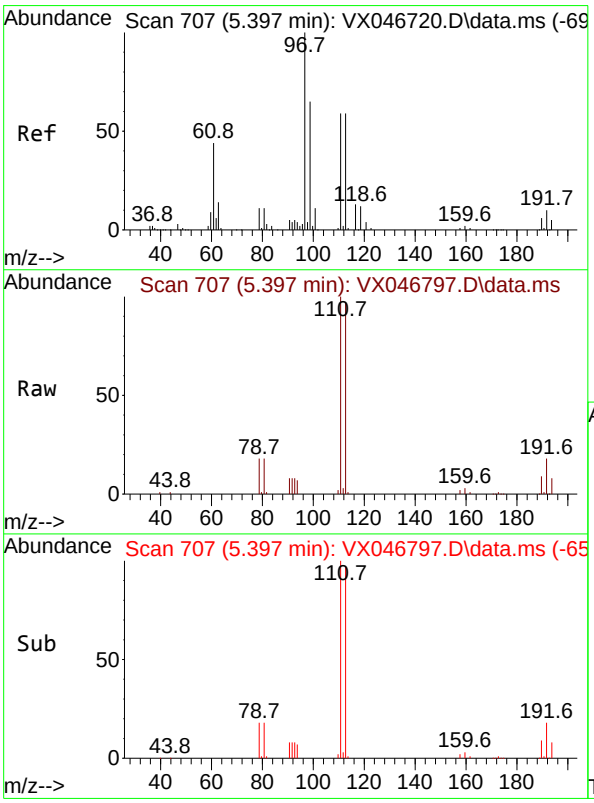
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX046797.D
Acq: 20 Jun 2025 20:25

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

Tgt Ion:114 Resp: 312867

Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	44.2
88	16.3	0.0	33.2

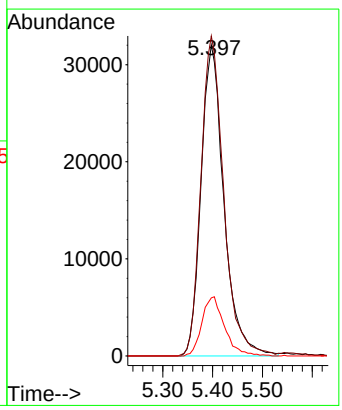


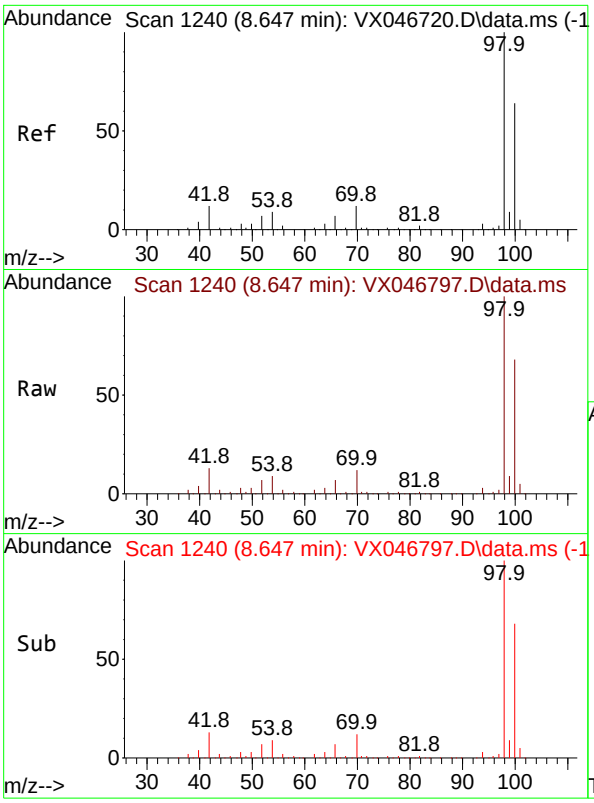


#35
Dibromofluoromethane
Concen: 49.101 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046797.D
Acq: 20 Jun 2025 20:25

Tgt Ion:113 Resp: 101641

Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.0	123.0
192	18.9	15.3	22.9



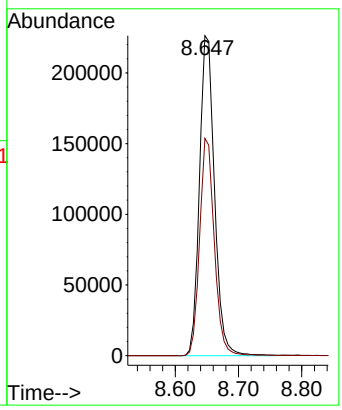


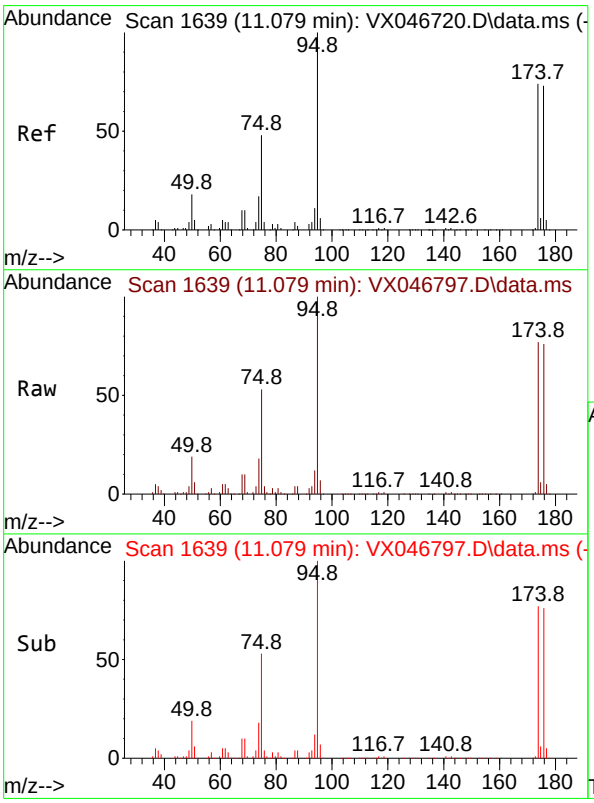
#50
Toluene-d8
Concen: 50.426 ug/l
RT: 8.647 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046797.D
Acq: 20 Jun 2025 20:25

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

Tgt Ion: 98 Resp: 375028

Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.0	79.4

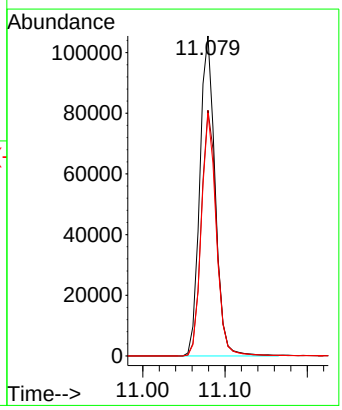


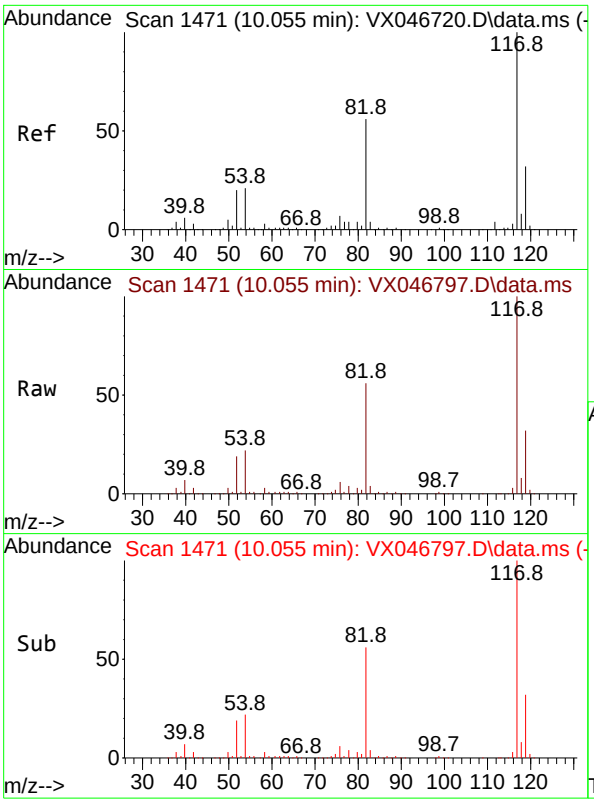


#62
4-Bromofluorobenzene
Concen: 49.440 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046797.D
Acq: 20 Jun 2025 20:25

Tgt Ion: 95 Resp: 137063

Ion	Ratio	Lower	Upper
95	100		
174	76.3	0.0	150.4
176	73.6	0.0	145.0



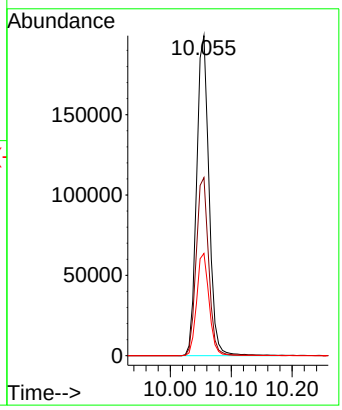


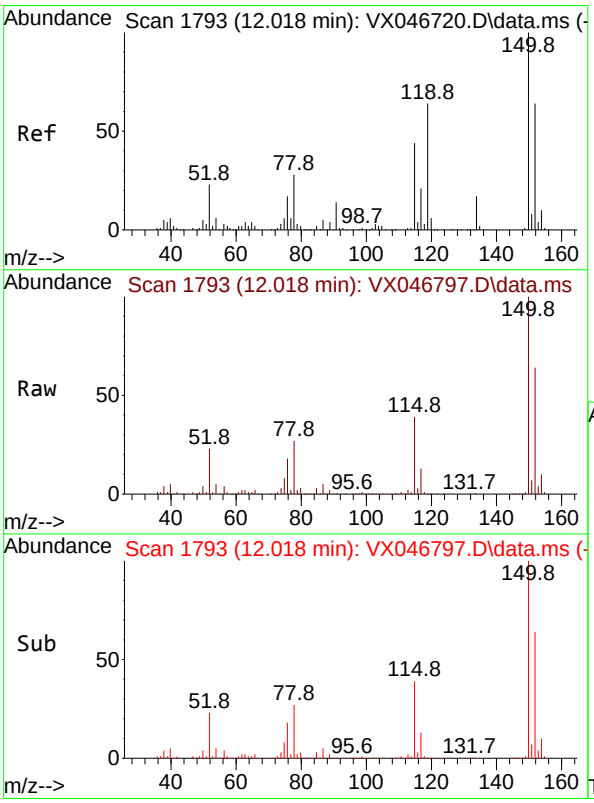
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046797.D
Acq: 20 Jun 2025 20:25

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

Tgt Ion:117 Resp: 280462

Ion	Ratio	Lower	Upper
117	100		
82	55.6	44.6	66.8
119	31.9	25.8	38.8

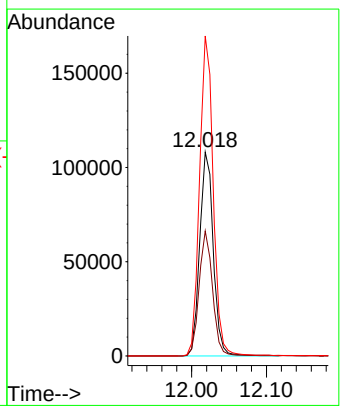




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046797.D
Acq: 20 Jun 2025 20:25

Tgt Ion:152 Resp: 136509

Ion	Ratio	Lower	Upper
152	100		
115	60.8	43.2	129.6
150	158.2	0.0	346.8



Raw Data: **VX046798.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:	06/13/25
Project:	Weekly Storage Blanks	Date Received:	06/20/25
Client Sample ID:	STORAGE-BLANK-WATER-REF-5	SDG No.:	Q2378
Lab Sample ID:	Q2378-02	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:	Prep Date	Date Analyzed	Prep Batch ID
VX046798.D	1		06/20/25 20:46	VX062025

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: **VX046798.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:	06/13/25
Project:	Weekly Storage Blanks	Date Received:	06/20/25
Client Sample ID:	STORAGE-BLANK-WATER-REF-5	SDG No.:	Q2378
Lab Sample ID:	Q2378-02	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:	Prep Date	Date Analyzed	Prep Batch ID
VX046798.D	1		06/20/25 20:46	VX062025

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: **VX046798.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:	06/13/25
Project:	Weekly Storage Blanks	Date Received:	06/20/25
Client Sample ID:	STORAGE-BLANK-WATER-REF-5	SDG No.:	Q2378
Lab Sample ID:	Q2378-02	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:	Prep Date	Date Analyzed	Prep Batch ID
VX046798.D	1		06/20/25 20:46	VX062025

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	49.9		74 - 125	100%	SPK: 50
1868-53-7	Dibromofluoromethane	49.3		75 - 124	99%	SPK: 50
2037-26-5	Toluene-d8	51.1		86 - 113	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.3		77 - 121	103%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	115000	5.562			
540-36-3	1,4-Difluorobenzene	198000	6.769			
3114-55-4	Chlorobenzene-d5	182000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	88500	12.018			

Raw Data: **VX046798.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:	06/13/25
Project:	Weekly Storage Blanks	Date Received:	06/20/25
Client Sample ID:	STORAGE-BLANK-WATER-REF-5	SDG No.:	Q2378
Lab Sample ID:	Q2378-02	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:	Prep Date	Date Analyzed	Prep Batch ID
VX046798.D	1		06/20/25 20:46	VX062025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Sample Results: **VX046798.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062025\
Data File : VX046798.D
Acq On : 20 Jun 2025 20:46
Operator : JC/MD
Sample : Q2378-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

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

Quant Time: Jun 21 00:15:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

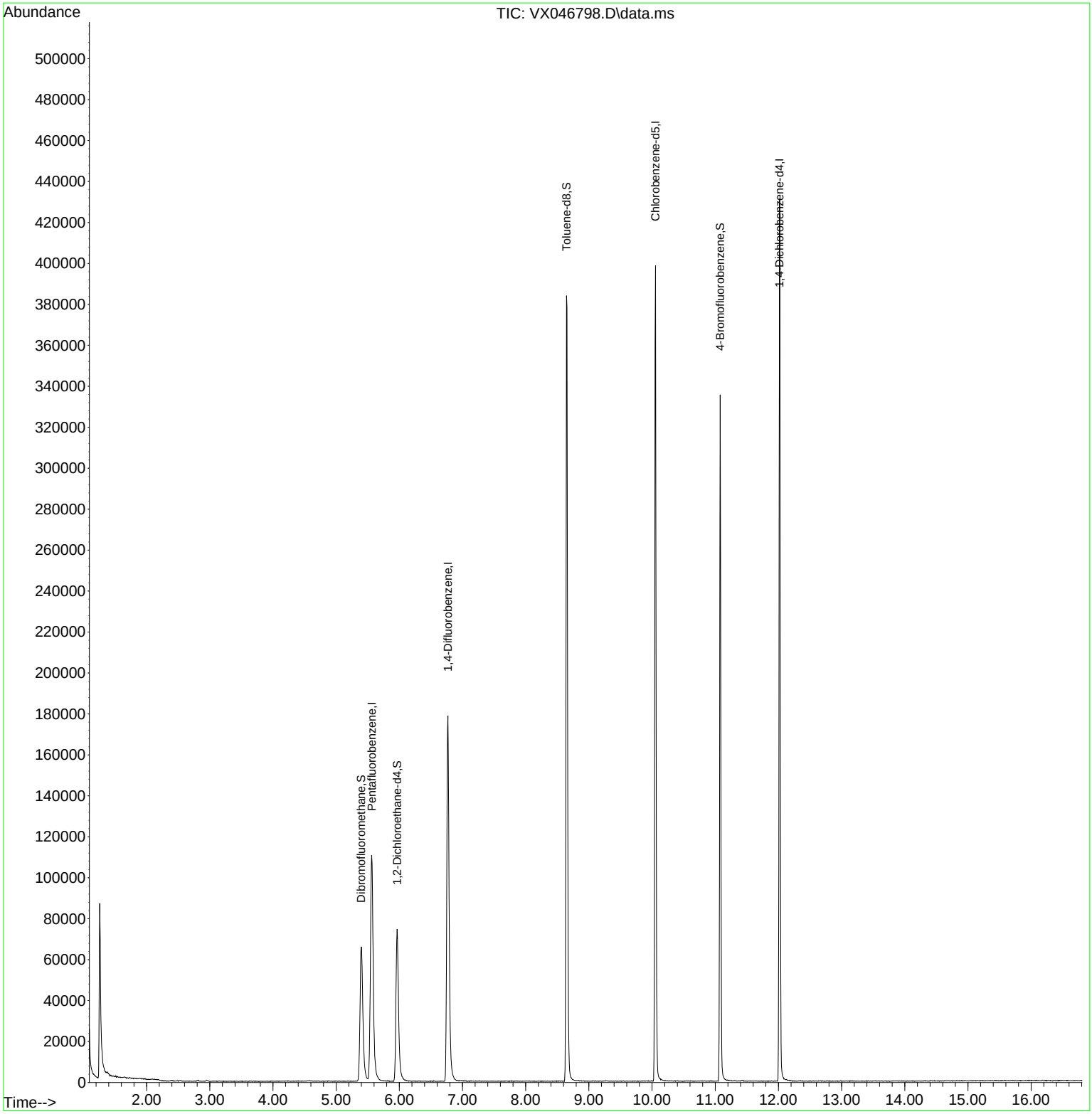
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	114589	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	197625	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	182229	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	88541	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	79020	49.856	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 99.720%			
35) Dibromofluoromethane	5.397	113	64488	49.320	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.640%			
50) Toluene-d8	8.647	98	240191	51.129	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.260%			
62) 4-Bromofluorobenzene	11.079	95	89839	51.303	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.600%			
Target Compounds						Qvalue

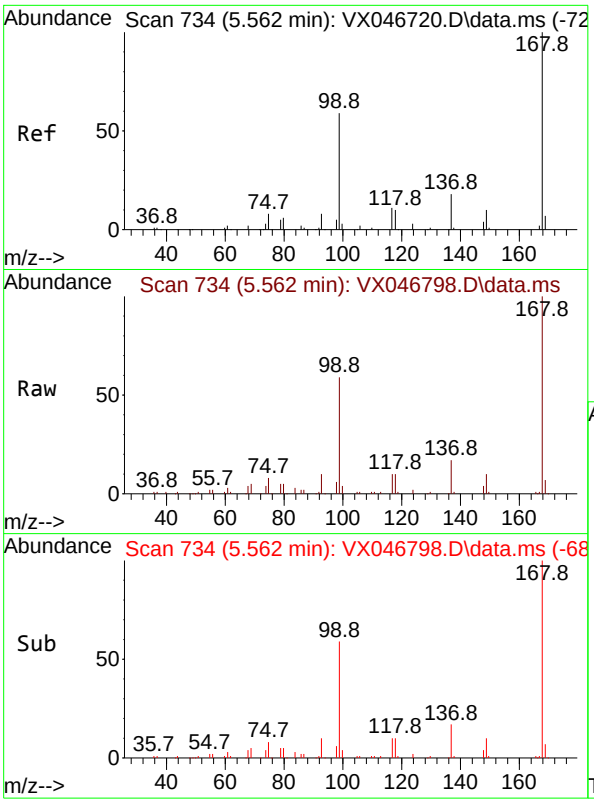
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062025\
Data File : VX046798.D
Acq On : 20 Jun 2025 20:46
Operator : JC/MD
Sample : Q2378-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

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

Quant Time: Jun 21 00:15:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration



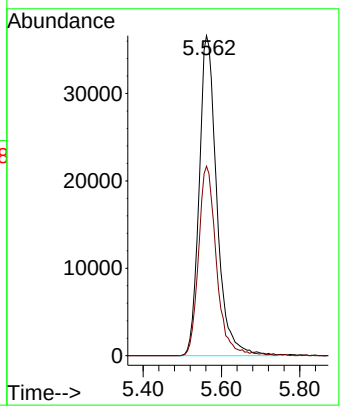


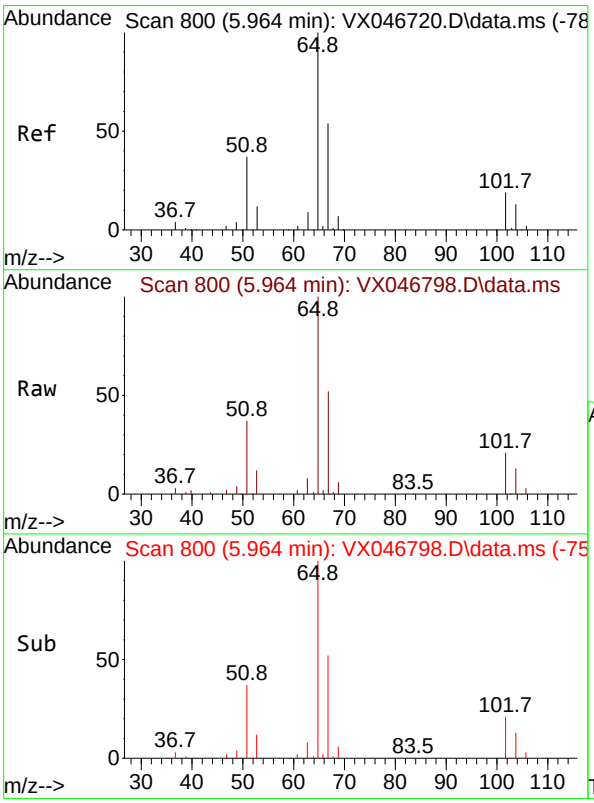
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046798.D
Acq: 20 Jun 2025 20:46

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

Tgt Ion:168 Resp: 114589

Ion	Ratio	Lower	Upper
168	100		
99	59.2	48.5	72.7

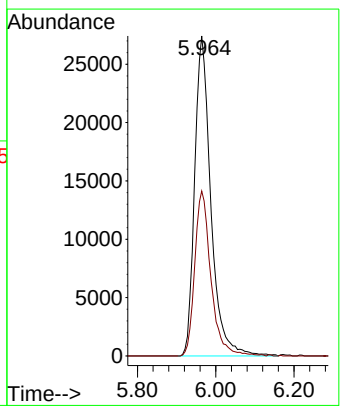


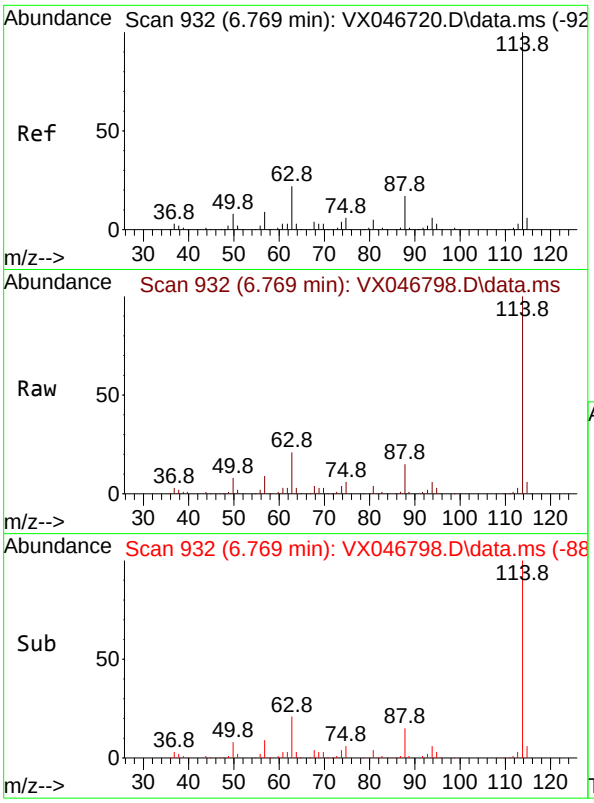


#33
1,2-Dichloroethane-d4
Concen: 49.856 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.000 min
Lab File: VX046798.D
Acq: 20 Jun 2025 20:46

Tgt Ion: 65 Resp: 79020

Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	105.4



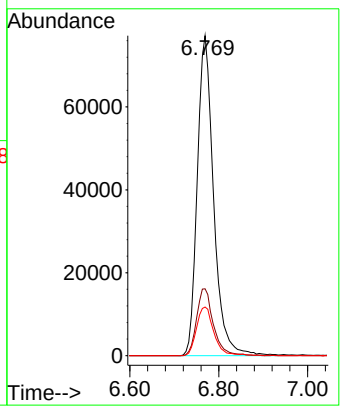


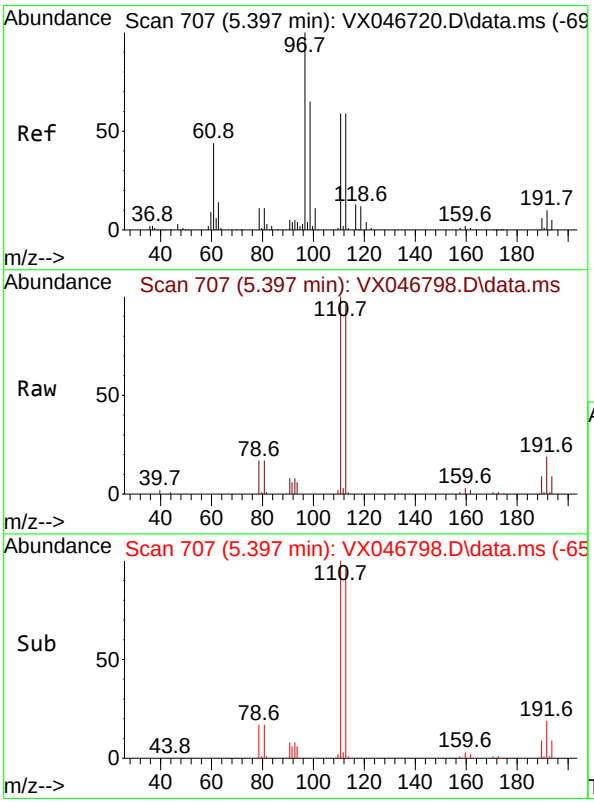
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX046798.D
Acq: 20 Jun 2025 20:46

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

Tgt Ion:114 Resp: 197625

Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	44.2
88	15.2	0.0	33.2

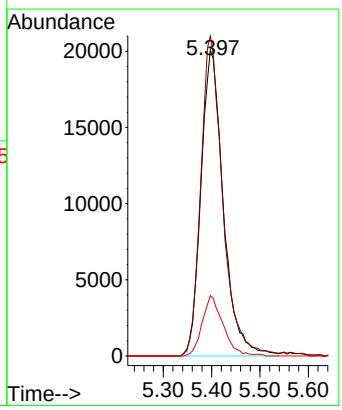


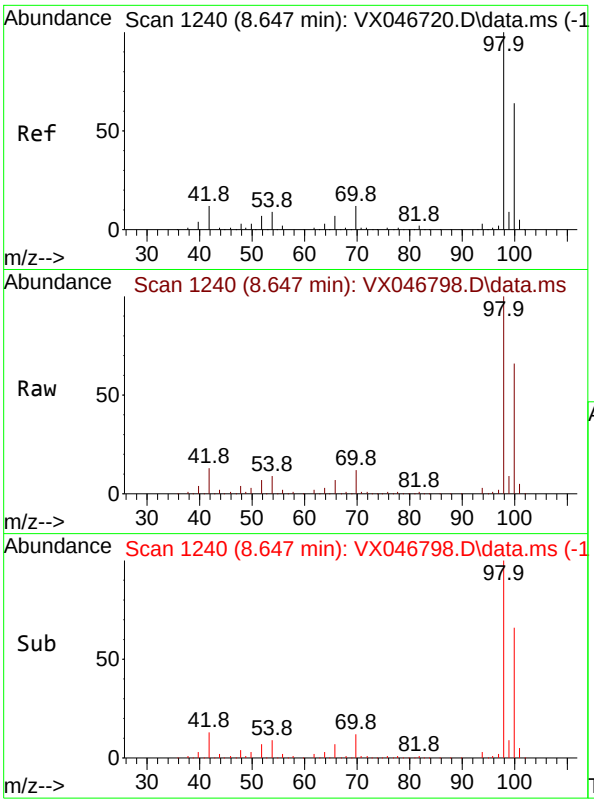


#35
Dibromofluoromethane
Concen: 49.320 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046798.D
Acq: 20 Jun 2025 20:46

Tgt Ion:113 Resp: 64488

Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.0	123.0
192	18.5	15.3	22.9



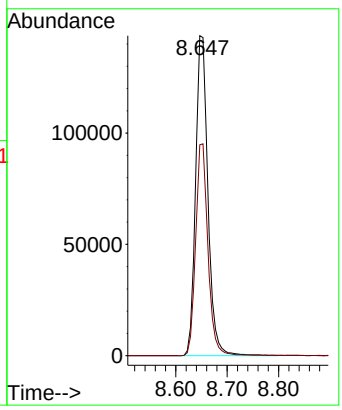


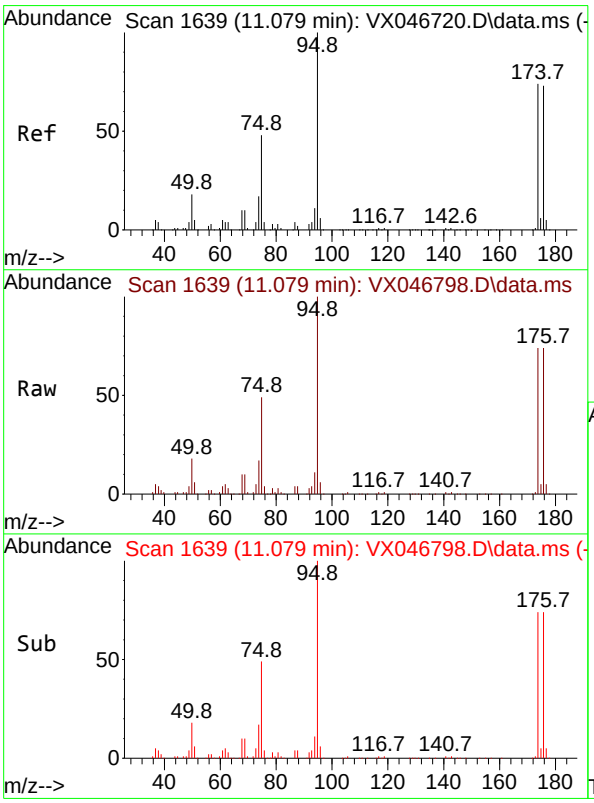
#50
Toluene-d8
Concen: 51.129 ug/l
RT: 8.647 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046798.D
Acq: 20 Jun 2025 20:46

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

Tgt Ion: 98 Resp: 240191

Ion	Ratio	Lower	Upper
98	100		
100	66.0	53.0	79.4

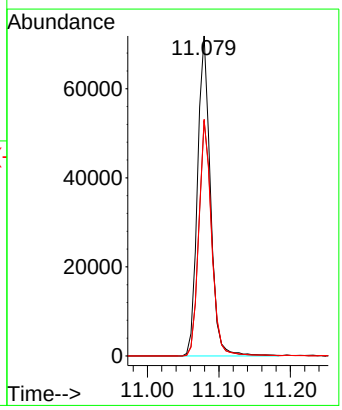


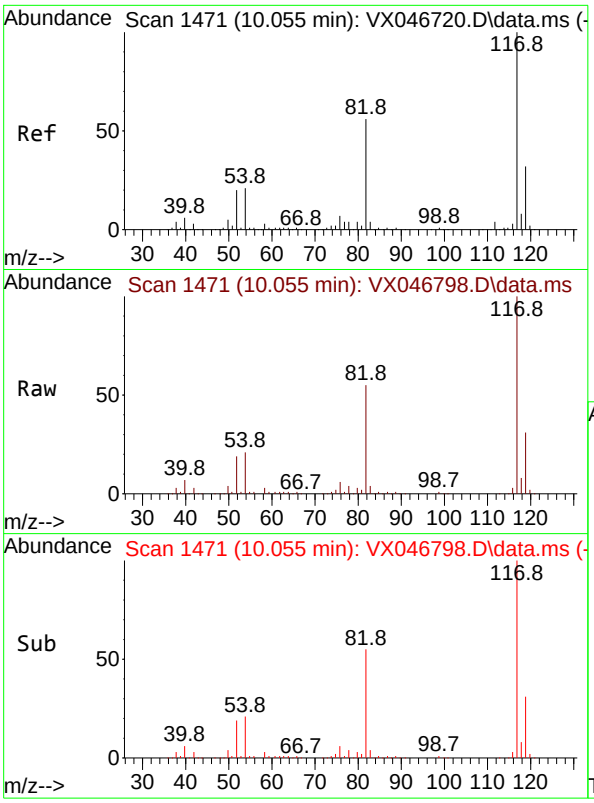


#62
4-Bromofluorobenzene
Concen: 51.303 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046798.D
Acq: 20 Jun 2025 20:46

Tgt Ion: 95 Resp: 89839

Ion	Ratio	Lower	Upper
95	100		
174	73.5	0.0	150.4
176	73.0	0.0	145.0



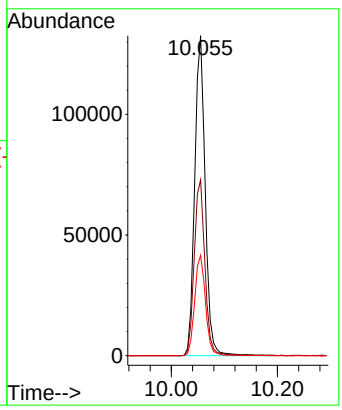


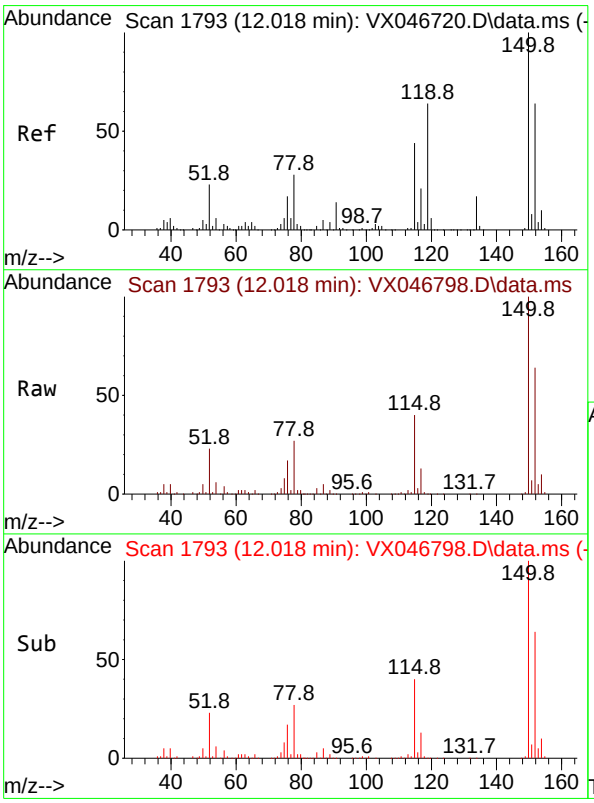
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046798.D
Acq: 20 Jun 2025 20:46

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

Tgt Ion:117 Resp: 182229

Ion	Ratio	Lower	Upper
117	100		
82	55.0	44.6	66.8
119	31.3	25.8	38.8

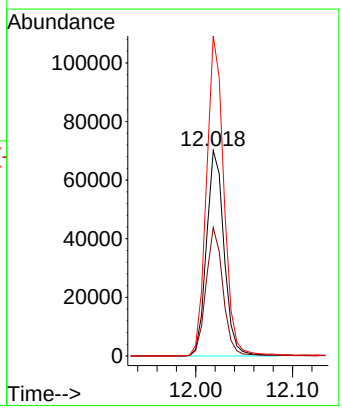




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046798.D
Acq: 20 Jun 2025 20:46

Tgt Ion:152 Resp: 88541

Ion	Ratio	Lower	Upper
152	100		
115	61.0	43.2	129.6
150	155.3	0.0	346.8



Raw Data: **VX046799.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:	06/13/25
Project:	Weekly Storage Blanks	Date Received:	06/20/25
Client Sample ID:	STORAGE-BLANK-WATER-REF-4	SDG No.:	Q2378
Lab Sample ID:	Q2378-03	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:	Prep Date	Date Analyzed	Prep Batch ID
VX046799.D	1		06/20/25 21:07	VX062025

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: **VX046799.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:	06/13/25
Project:	Weekly Storage Blanks	Date Received:	06/20/25
Client Sample ID:	STORAGE-BLANK-WATER-REF-4	SDG No.:	Q2378
Lab Sample ID:	Q2378-03	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:	Prep Date	Date Analyzed	Prep Batch ID
VX046799.D	1		06/20/25 21:07	VX062025

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: **VX046799.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:	06/13/25
Project:	Weekly Storage Blanks	Date Received:	06/20/25
Client Sample ID:	STORAGE-BLANK-WATER-REF-4	SDG No.:	Q2378
Lab Sample ID:	Q2378-03	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:	Prep Date	Date Analyzed	Prep Batch ID
VX046799.D	1		06/20/25 21:07	VX062025

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	48.5		74 - 125	97%	SPK: 50
1868-53-7	Dibromofluoromethane	48.4		75 - 124	97%	SPK: 50
2037-26-5	Toluene-d8	49.6		86 - 113	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.7		77 - 121	97%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	180000	5.562			
540-36-3	1,4-Difluorobenzene	312000	6.769			
3114-55-4	Chlorobenzene-d5	275000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	133000	12.018			

Raw Data: **VX046799.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:	06/13/25
Project:	Weekly Storage Blanks	Date Received:	06/20/25
Client Sample ID:	STORAGE-BLANK-WATER-REF-4	SDG No.:	Q2378
Lab Sample ID:	Q2378-03	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:	Prep Date	Date Analyzed	Prep Batch ID
VX046799.D	1		06/20/25 21:07	VX062025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Sample Results: **VX046799.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062025\
Data File : VX046799.D
Acq On : 20 Jun 2025 21:07
Operator : JC/MD
Sample : Q2378-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

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

Quant Time: Jun 21 00:15:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	179697	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	311845	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	274663	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	133303	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	120570	48.509	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.020%		
35) Dibromofluoromethane	5.397	113	99867	48.402	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.800%		
50) Toluene-d8	8.647	98	367935	49.635	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.260%		
62) 4-Bromofluorobenzene	11.079	95	134631	48.722	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	97.440%		

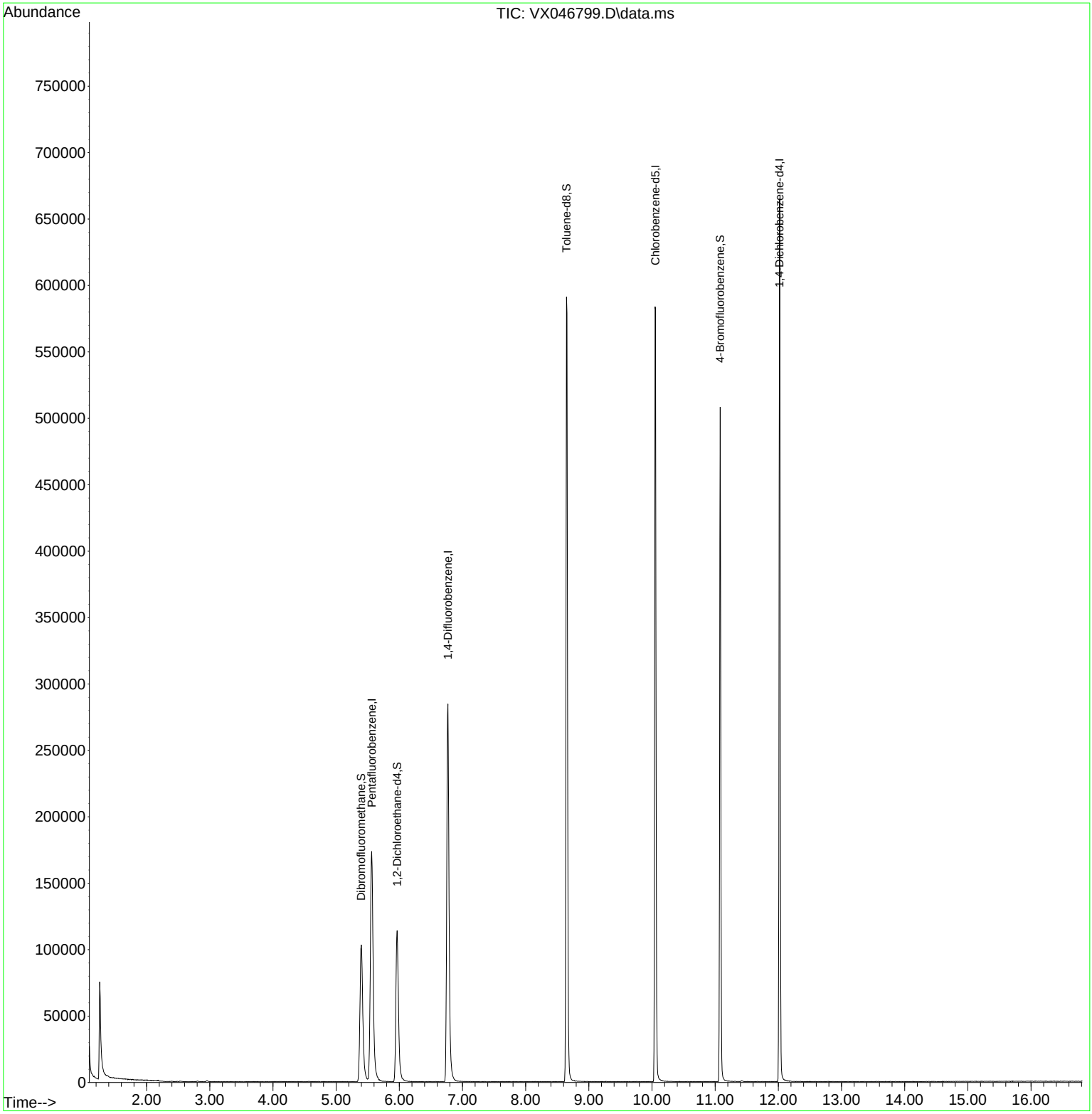
Target Compounds Qvalue

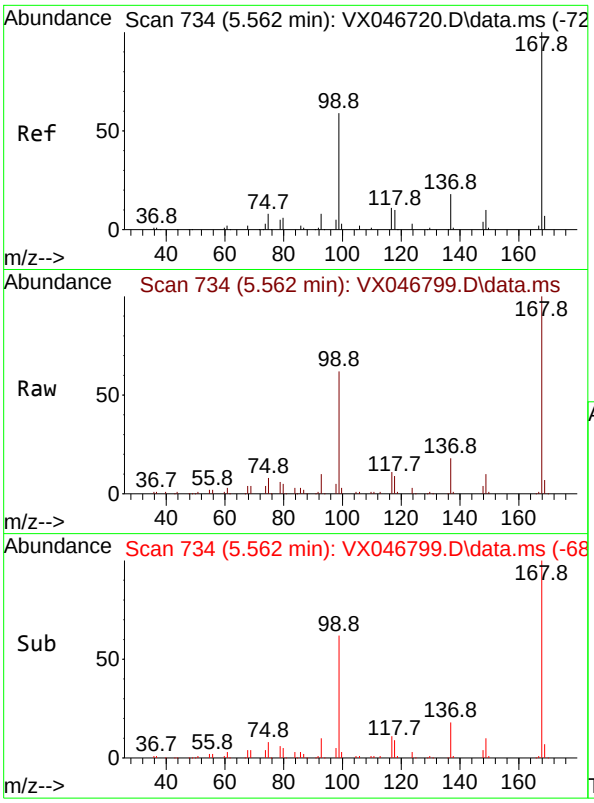
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062025\
Data File : VX046799.D
Acq On : 20 Jun 2025 21:07
Operator : JC/MD
Sample : Q2378-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

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

Quant Time: Jun 21 00:15:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration



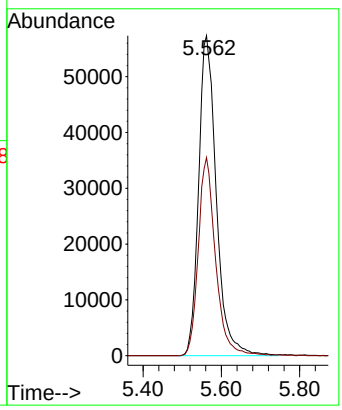


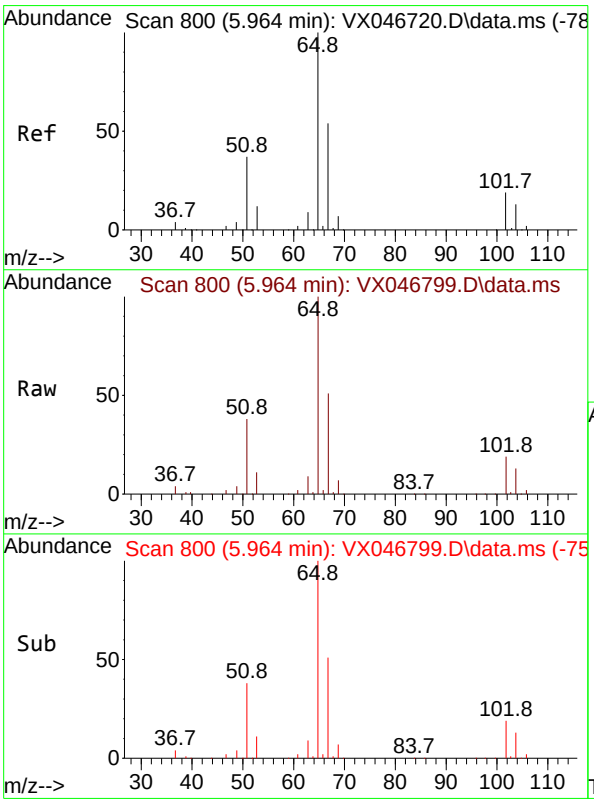
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX046799.D
Acq: 20 Jun 2025 21:07

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

Tgt Ion:168 Resp: 179697

Ion	Ratio	Lower	Upper
168	100		
99	61.9	48.5	72.7

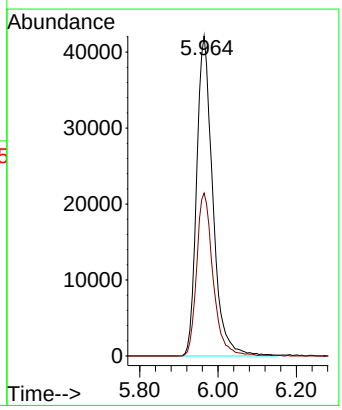


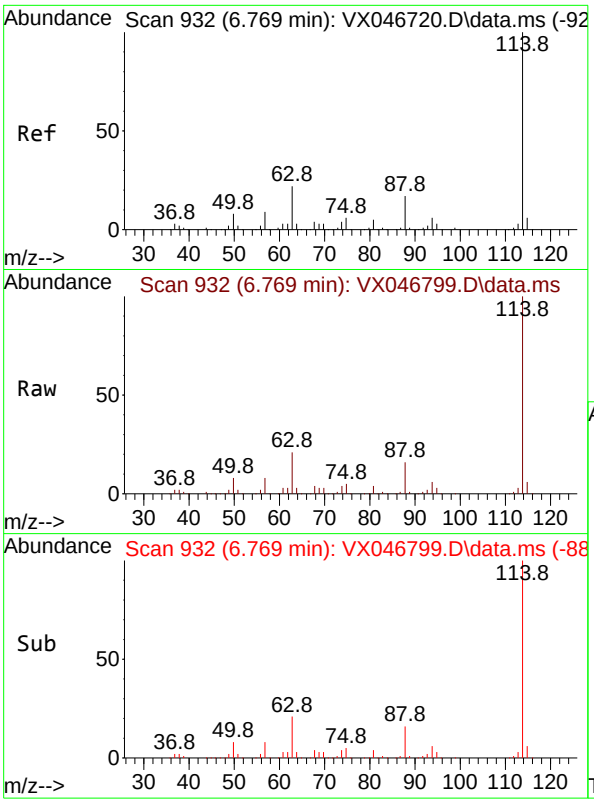


#33
1,2-Dichloroethane-d4
Concen: 48.509 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX046799.D
Acq: 20 Jun 2025 21:07

Tgt Ion: 65 Resp: 120570

Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	105.4



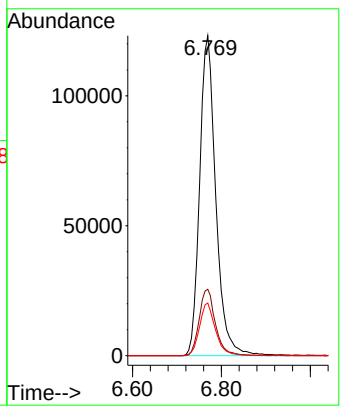


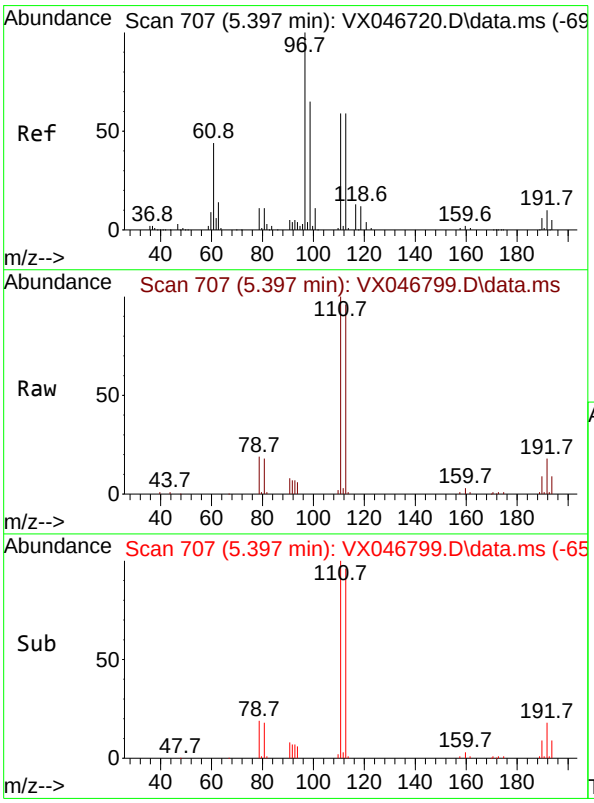
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX046799.D
Acq: 20 Jun 2025 21:07

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

Tgt Ion:114 Resp: 311845

Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	44.2
88	16.4	0.0	33.2

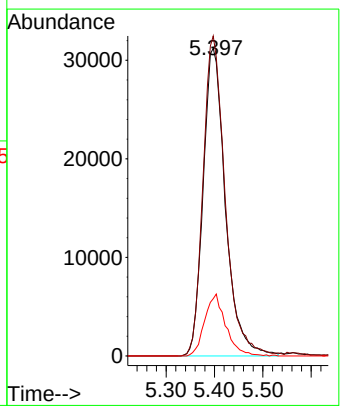


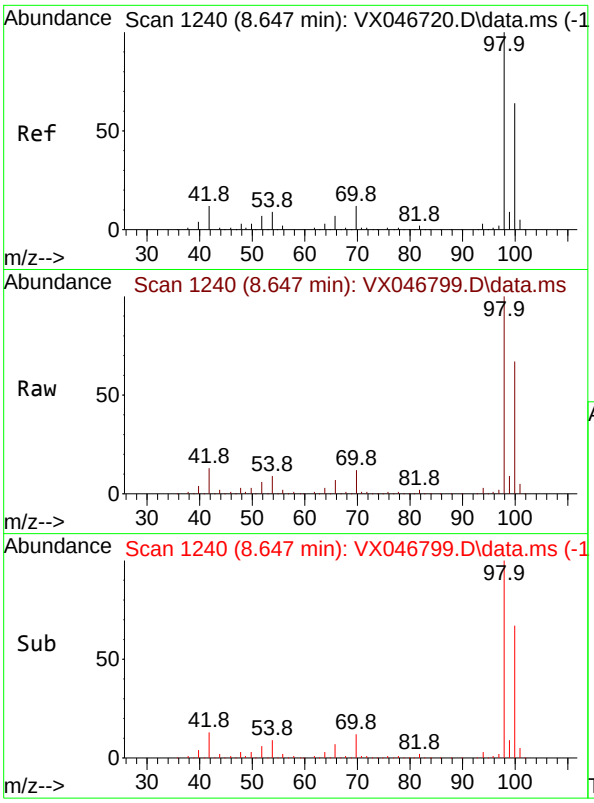


#35
Dibromofluoromethane
Concen: 48.402 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX046799.D
Acq: 20 Jun 2025 21:07

Tgt Ion:113 Resp: 99867

Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.0	123.0
192	19.1	15.3	22.9



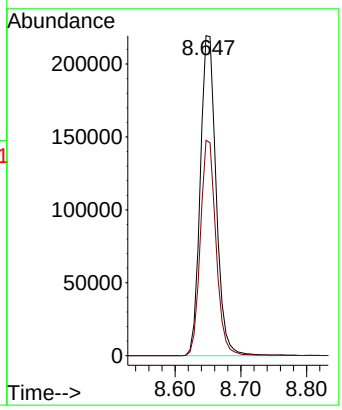


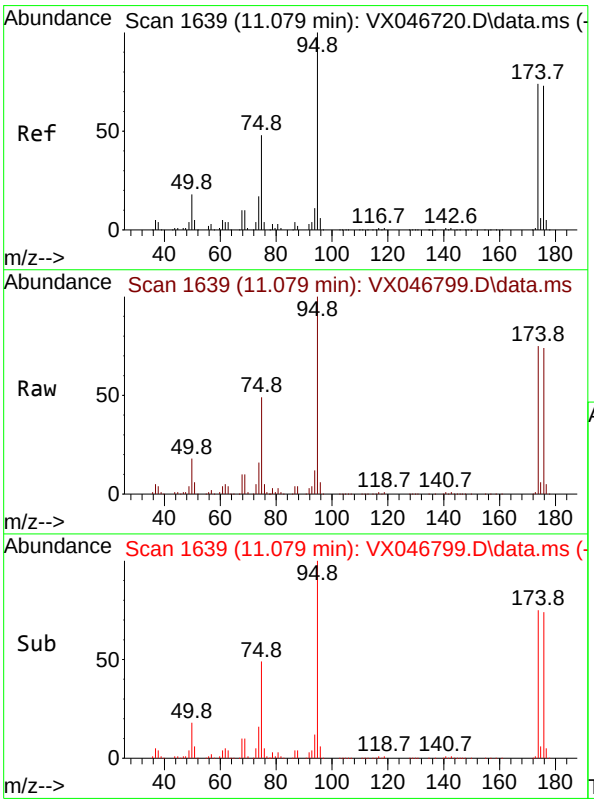
#50
Toluene-d8
Concen: 49.635 ug/l
RT: 8.647 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046799.D
Acq: 20 Jun 2025 21:07

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

Tgt Ion: 98 Resp: 367935

Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.0	79.4

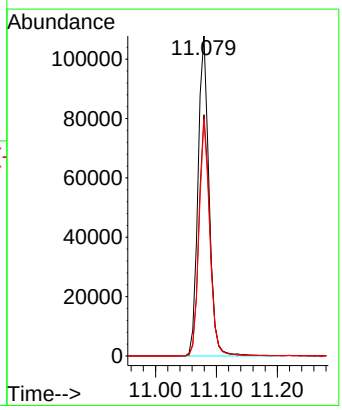


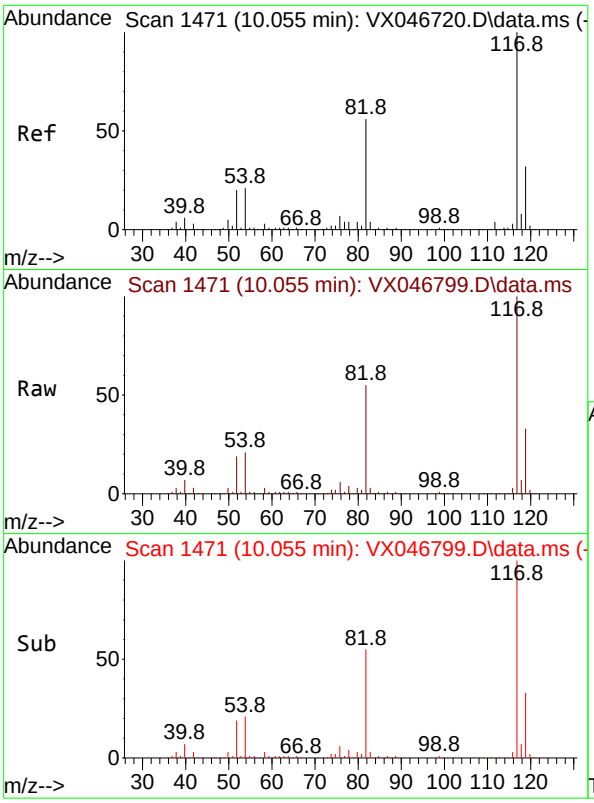


#62
4-Bromofluorobenzene
Concen: 48.722 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046799.D
Acq: 20 Jun 2025 21:07

Tgt Ion: 95 Resp: 134631

Ion	Ratio	Lower	Upper
95	100		
174	75.3	0.0	150.4
176	71.8	0.0	145.0



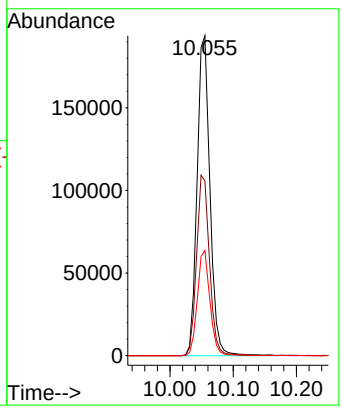


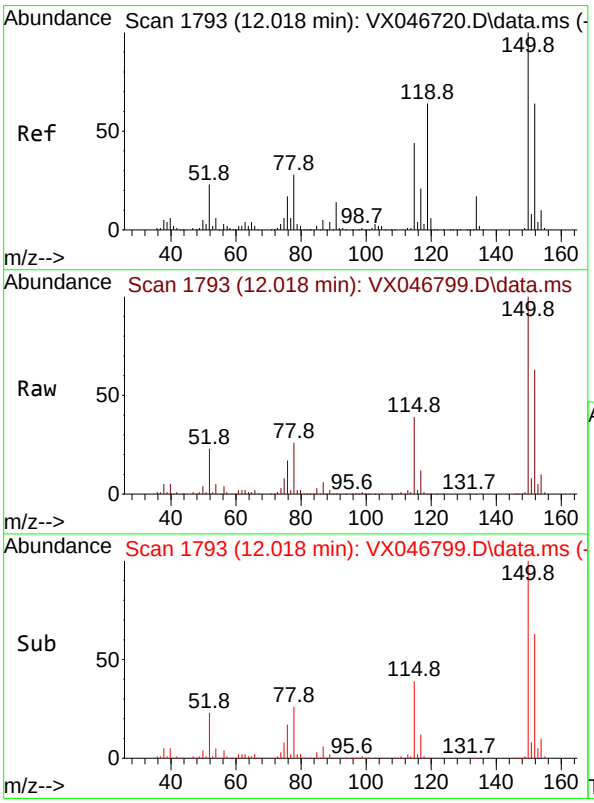
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX046799.D
Acq: 20 Jun 2025 21:07

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

Tgt Ion:117 Resp: 274663

Ion	Ratio	Lower	Upper
117	100		
82	54.6	44.6	66.8
119	32.9	25.8	38.8

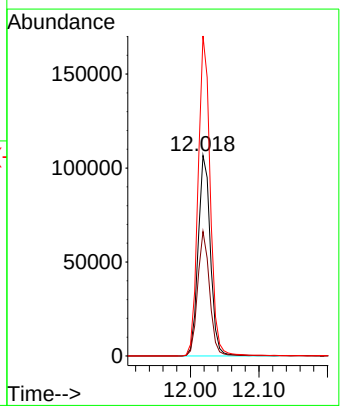




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX046799.D
Acq: 20 Jun 2025 21:07

Tgt Ion:152 Resp: 133303

Ion	Ratio	Lower	Upper
152	100		
115	60.6	43.2	129.6
150	157.6	0.0	346.8



Raw Data: **VX046800.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:	06/13/25
Project:	Weekly Storage Blanks	Date Received:	06/20/25
Client Sample ID:	STORAGE-BLANK-SAMPLE-MANAGEMENT	SDG No.:	Q2378
Lab Sample ID:	Q2378-04	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:	Prep Date	Date Analyzed	Prep Batch ID
VX046800.D	1		06/20/25 21:27	VX062025

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: **VX046800.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:	06/13/25
Project:	Weekly Storage Blanks	Date Received:	06/20/25
Client Sample ID:	STORAGE-BLANK-SAMPLE-MANAGEMENT	SDG No.:	Q2378
Lab Sample ID:	Q2378-04	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:	Prep Date	Date Analyzed	Prep Batch ID
VX046800.D	1		06/20/25 21:27	VX062025

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: **VX046800.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:	06/13/25
Project:	Weekly Storage Blanks	Date Received:	06/20/25
Client Sample ID:	STORAGE-BLANK-SAMPLE-MANAGEMENT	SDG No.:	Q2378
Lab Sample ID:	Q2378-04	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:	Prep Date	Date Analyzed	Prep Batch ID
VX046800.D	1		06/20/25 21:27	VX062025

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	49.4		74 - 125	99%	SPK: 50
1868-53-7	Dibromofluoromethane	49.5		75 - 124	99%	SPK: 50
2037-26-5	Toluene-d8	50.4		86 - 113	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.7		77 - 121	101%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	110000	5.562			
540-36-3	1,4-Difluorobenzene	191000	6.769			
3114-55-4	Chlorobenzene-d5	174000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	86400	12.018			

Raw Data: **VX046800.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:	06/13/25
Project:	Weekly Storage Blanks	Date Received:	06/20/25
Client Sample ID:	STORAGE-BLANK-SAMPLE-MANAGEMENT	SDG No.:	Q2378
Lab Sample ID:	Q2378-04	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:	Prep Date	Date Analyzed	Prep Batch ID
VX046800.D	1		06/20/25 21:27	VX062025

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\VX062025\
Data File : VX046800.D
Acq On : 20 Jun 2025 21:27
Operator : JC/MD
Sample : Q2378-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

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

Quant Time: Jun 21 00:15:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	110284	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	191013	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	173788	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	86424	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	75324	49.379	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 98.760%			
35) Dibromofluoromethane	5.397	113	62554	49.497	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.000%			
50) Toluene-d8	8.647	98	229059	50.447	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.900%			
62) 4-Bromofluorobenzene	11.079	95	85756	50.667	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.340%			

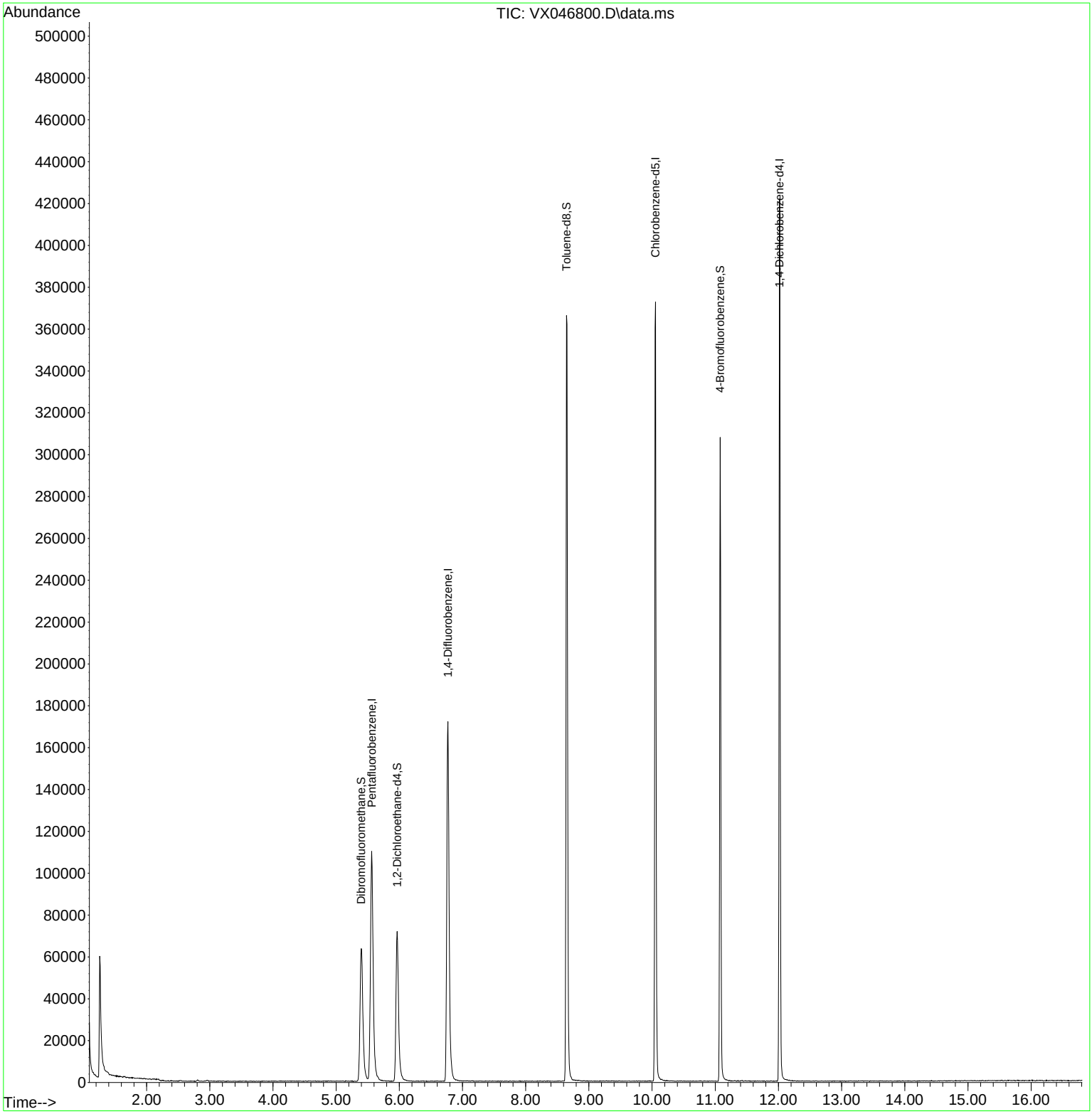
Target Compounds Qvalue

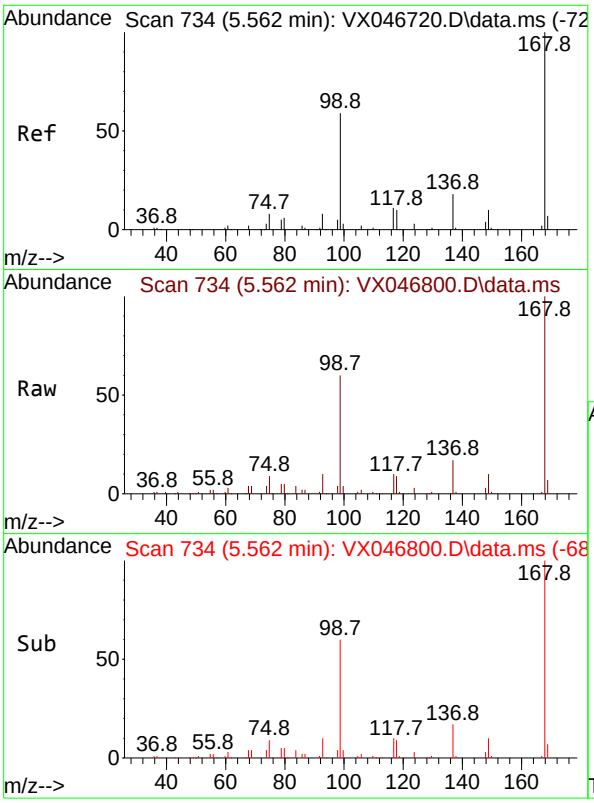
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062025\
Data File : VX046800.D
Acq On : 20 Jun 2025 21:27
Operator : JC/MD
Sample : Q2378-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

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

Quant Time: Jun 21 00:15:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration



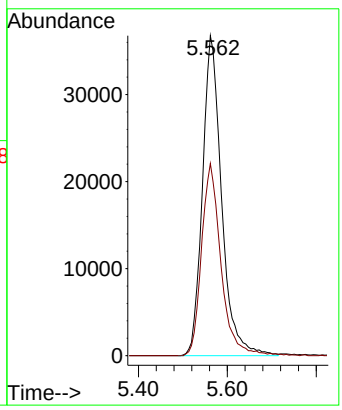


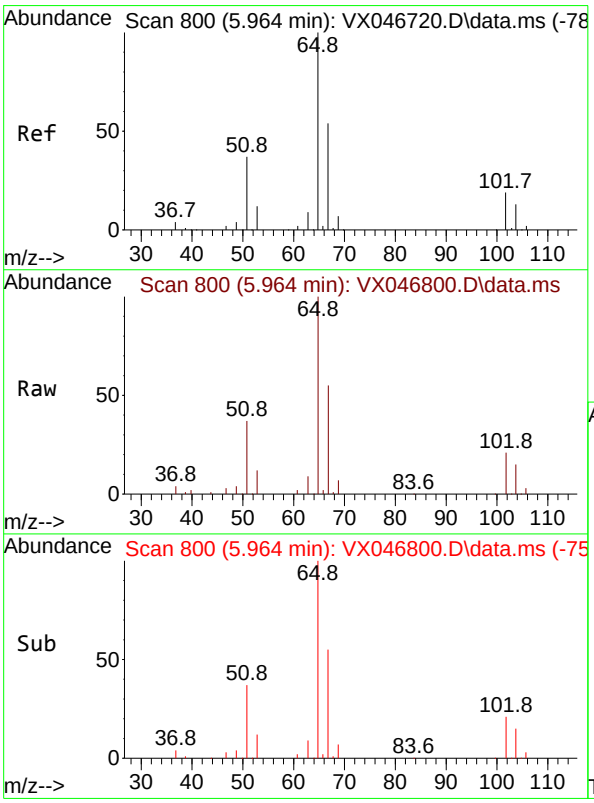
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046800.D
Acq: 20 Jun 2025 21:27

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

Tgt Ion:168 Resp: 110284

Ion	Ratio	Lower	Upper
168	100		
99	60.1	48.5	72.7

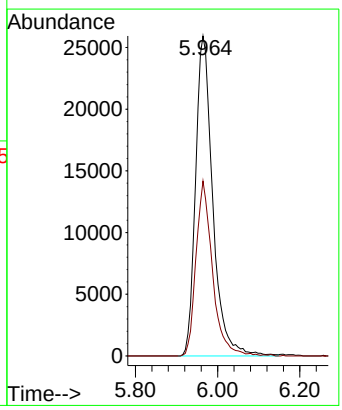


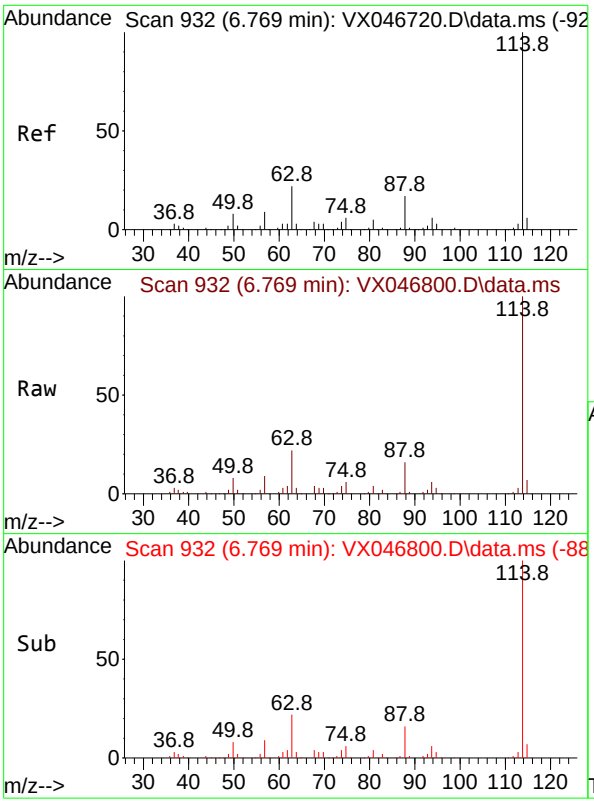


#33
1,2-Dichloroethane-d4
Concen: 49.379 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.000 min
Lab File: VX046800.D
Acq: 20 Jun 2025 21:27

Tgt Ion: 65 Resp: 75324

Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	105.4



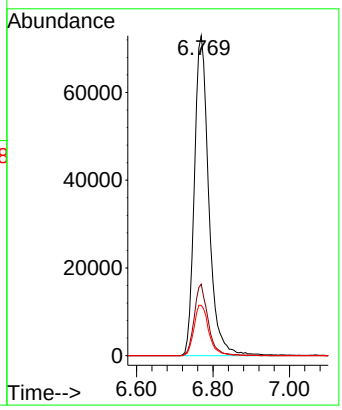


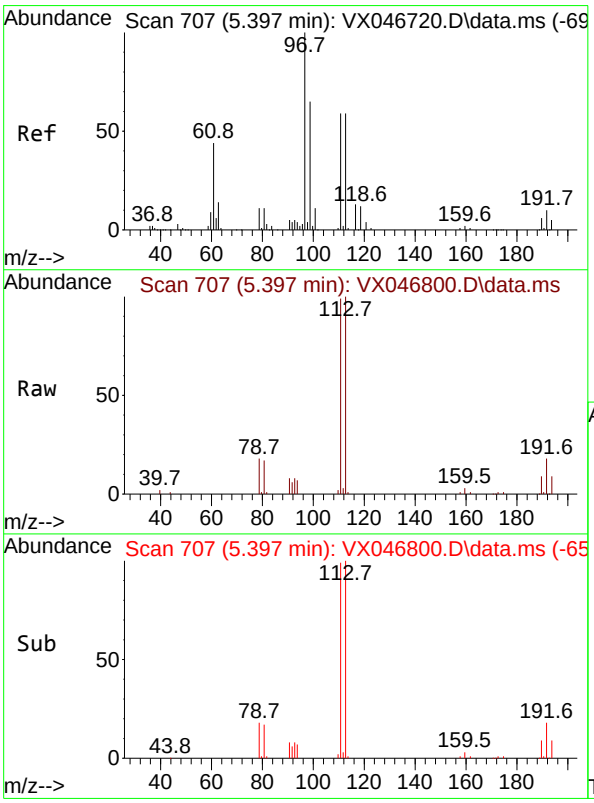
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX046800.D
Acq: 20 Jun 2025 21:27

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

Tgt Ion:114 Resp: 191013

Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	44.2
88	15.8	0.0	33.2

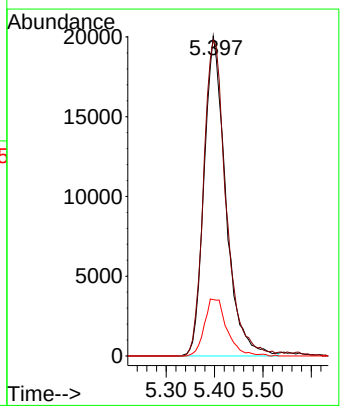


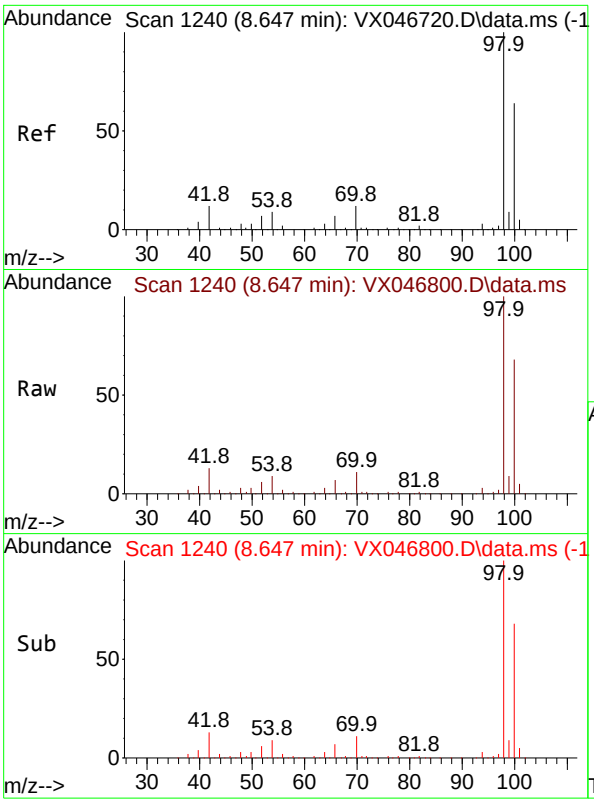


#35
Dibromofluoromethane
Concen: 49.497 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046800.D
Acq: 20 Jun 2025 21:27

Tgt Ion:113 Resp: 62554

Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.0	123.0
192	18.3	15.3	22.9



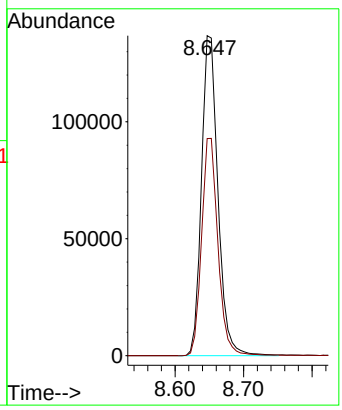


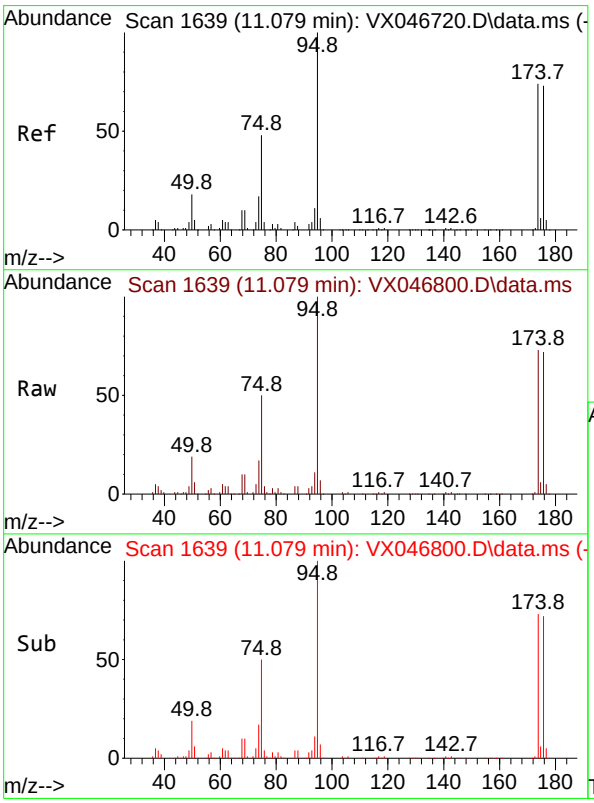
#50
Toluene-d8
Concen: 50.447 ug/l
RT: 8.647 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046800.D
Acq: 20 Jun 2025 21:27

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

Tgt Ion: 98 Resp: 229059

Ion	Ratio	Lower	Upper
98	100		
100	67.6	53.0	79.4

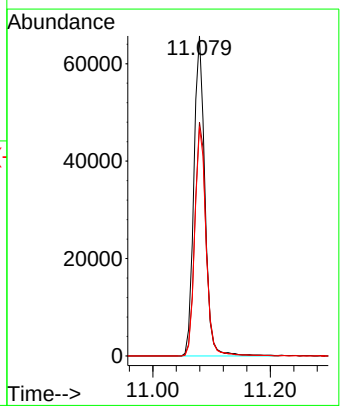


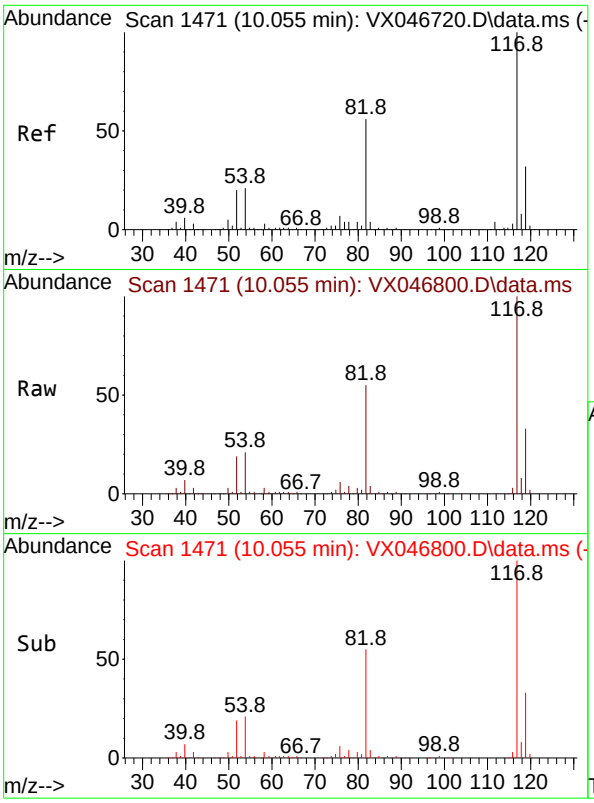


#62
4-Bromofluorobenzene
Concen: 50.667 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046800.D
Acq: 20 Jun 2025 21:27

Tgt Ion: 95 Resp: 85756

Ion	Ratio	Lower	Upper
95	100		
174	74.8	0.0	150.4
176	72.6	0.0	145.0



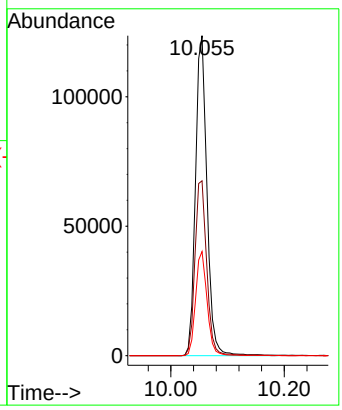


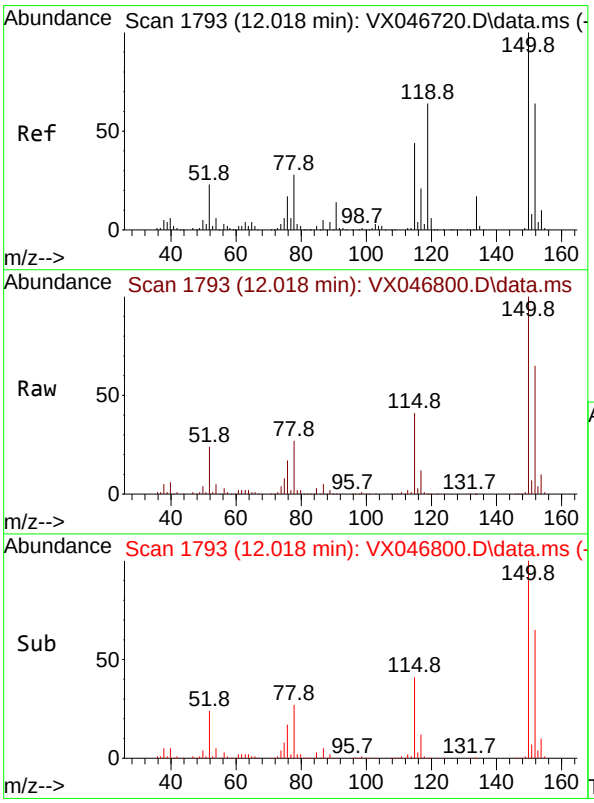
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046800.D
Acq: 20 Jun 2025 21:27

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

Tgt Ion:117 Resp: 173788

Ion	Ratio	Lower	Upper
117	100		
82	54.7	44.6	66.8
119	32.6	25.8	38.8

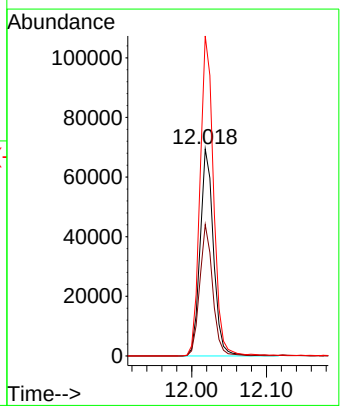




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046800.D
Acq: 20 Jun 2025 21:27

Tgt Ion:152 Resp: 86424

Ion	Ratio	Lower	Upper
152	100		
115	61.6	43.2	129.6
150	156.4	0.0	346.8



CALIBRATION SUMMARY

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: CHEMTECH Contract: CHEM02

Lab Code: CHEM Case No.: Q2378 SAS No.: Q2378 SDG No.: Q2378

Instrument ID: MSVOA_X Calibration Date(s): 06/17/2025 06/17/2025

Heated Purge: (Y/N) N Calibration Time(s): 11:19 17:18

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

LAB FILE ID: RRF005 = VX046718.D RRF020 = VX046719.D RRF050 = VX046720.D
RRF100 = VX046721.D RRF150 = VX046722.D RRF001 = VX046725.D

COMPOUND	RRF005	RRF020	RRF050	RRF100	RRF150	RRF001	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.464	0.507	0.583	0.627	0.598	0.425	0.534	15.1
Chloromethane	0.541	0.570	0.593	0.641	0.627	0.485	0.576	10
Vinyl Chloride	0.569	0.632	0.634	0.687	0.644	0.521	0.614	9.7
Ethyl Acetate	0.404	0.440	0.431	0.468	0.459	0.443	0.441	5.1
Bromomethane	0.371	0.367	0.369	0.341	0.280		0.346	11.1
Chloroethane	0.350	0.388	0.377	0.405	0.381	0.332	0.372	7.1
Trichlorofluoromethane	0.897	0.974	0.967	1.030	0.972	0.757	0.933	10.3
1,1,2-Trichlorotrifluoroethane	0.563	0.608	0.576	0.623	0.594	0.470	0.572	9.6
Tert butyl alcohol	0.048	0.061	0.062	0.071	0.069		0.062	14.5
1,1-Dichloroethene	0.527	0.574	0.569	0.609	0.583	0.451	0.552	10.2
Acrolein	0.095	0.074	0.087	0.098	0.097		0.090	11
Acrylonitrile	0.270	0.287	0.285	0.312	0.295	0.226	0.279	10.6
Acetone	0.219	0.222	0.220	0.238	0.234	0.251	0.231	5.6
Carbon Disulfide	1.503	1.644	1.599	1.735	1.656	1.869	1.668	7.5
Methyl tert-butyl Ether	1.628	1.803	1.752	1.898	1.808	1.427	1.720	9.8
Methyl Acetate	0.577	0.590	0.581	0.650	0.647	0.470	0.586	11.2
Methylene Chloride	0.655	0.655	0.610	0.666	0.624	0.637	0.641	3.3
trans-1,2-Dichloroethene	0.569	0.627	0.589	0.637	0.595	0.529	0.591	6.7
Vinyl Acetate	1.423	1.608	1.596	1.747	1.664	1.138	1.529	14.3
1,1-Dichloroethane	1.054	1.153	1.088	1.170	1.114	0.972	1.092	6.6
Cyclohexane	0.983	1.086	1.013	1.074	1.021		1.036	4.2
2-Butanone	0.319	0.325	0.338	0.371	0.353	0.251	0.326	12.7
Carbon Tetrachloride	0.509	0.537	0.515	0.548	0.531	0.470	0.518	5.4
2,2-Dichloropropane	0.768	0.798	0.761	0.878	0.886	0.688	0.796	9.5
cis-1,2-Dichloroethene	0.681	0.731	0.686	0.741	0.704	0.623	0.694	6.1
Bromochloromethane	0.527	0.459	0.485	0.519	0.500	0.480	0.495	5.2
Chloroform	1.102	1.190	1.114	1.181	1.109	0.857	1.092	11.1
1,1,1-Trichloroethane	0.931	1.012	0.956	1.046	0.990	0.812	0.958	8.6
Methylcyclohexane	0.631	0.642	0.629	0.672	0.647	0.550	0.628	6.6
1,1-Dichloropropene	0.477	0.486	0.477	0.500	0.480	0.446	0.478	3.7

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

Raw Data

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: CHEMTECH Contract: CHEM02

Lab Code: CHEM Case No.: Q2378 SAS No.: Q2378 SDG No.: Q2378

Instrument ID: MSVOA_X Calibration Date(s): 06/17/2025 06/17/2025

Heated Purge: (Y/N) N Calibration Time(s): 11:19 17:18

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

LAB FILE ID: RRF005 = VX046718.D RRF020 = VX046719.D RRF050 = VX046720.D
RRF100 = VX046721.D RRF150 = VX046722.D RRF001 = VX046725.D

COMPOUND	RRF005	RRF020	RRF050	RRF100	RRF150	RRF001	$\overline{RRF}$	% RSD
Benzene	1.431	1.477	1.417	1.509	1.427	1.218	1.413	7.2
1,2-Dichloroethane	0.508	0.523	0.495	0.528	0.497	0.429	0.497	7.2
Trichloroethene	0.355	0.374	0.356	0.389	0.366	0.320	0.360	6.5
1,2-Dichloropropane	0.347	0.372	0.346	0.374	0.357	0.305	0.350	7.2
Dibromomethane	0.243	0.260	0.251	0.270	0.259	0.228	0.252	5.9
Bromodichloromethane	0.510	0.545	0.522	0.562	0.540	0.404	0.514	11.1
4-Methyl-2-Pentanone	0.408	0.414	0.426	0.460	0.439	0.322	0.411	11.6
Toluene	0.884	0.927	0.888	0.927	0.881	0.750	0.876	7.4
t-1,3-Dichloropropene	0.438	0.484	0.488	0.555	0.540	0.355	0.477	15.3
cis-1,3-Dichloropropene	0.516	0.555	0.548	0.603	0.589	0.436	0.541	11.1
1,1,2-Trichloroethane	0.330	0.341	0.326	0.347	0.329	0.287	0.327	6.4
1,3-Dichloropropane	0.575	0.576	0.562	0.600	0.563	0.497	0.562	6.2
2-Chloroethyl Vinyl ether	0.241	0.235	0.281	0.296	0.282	0.167	0.250	19
2-Hexanone	0.285	0.285	0.297	0.320	0.305	0.214	0.284	13
Dibromochloromethane	0.380	0.402	0.388	0.419	0.402	0.318	0.385	9.3
1,2-Dibromoethane	0.333	0.348	0.335	0.363	0.346	0.267	0.332	10.1
Tetrachloroethene	0.345	0.353	0.340	0.360	0.339	0.341	0.346	2.4
Chlorobenzene	1.114	1.148	1.091	1.165	1.100	1.005	1.104	5.1
1,1,1,2-Tetrachloroethane	0.358	0.398	0.373	0.408	0.386	0.302	0.371	10.2
Hexachloroethane	0.523	0.601	0.584	0.647	0.627	0.522	0.584	9
Ethyl Benzene	1.905	2.030	1.933	2.062	1.945	1.696	1.929	6.7
m/p-Xylenes	0.705	0.764	0.724	0.765	0.718	0.635	0.719	6.7
o-Xylene	0.686	0.729	0.692	0.739	0.698	0.498	0.673	13.1
Styrene	1.144	1.256	1.208	1.267	1.203	0.993	1.179	8.6
Bromoform	0.268	0.295	0.287	0.315	0.304	0.226	0.282	11.3
Isopropylbenzene	3.593	3.914	3.723	4.004	3.814	3.048	3.682	9.3
1,1,2,2-Tetrachloroethane	1.037	1.075	1.044	1.124	1.074	0.816	1.028	10.6
1,2,3-Trichloropropane	0.959	1.066	0.990	0.938	0.892	0.650	0.916	15.6
Bromobenzene	0.861	0.953	0.892	0.956	0.911	0.744	0.886	8.9
n-propylbenzene	4.243	4.682	4.430	4.737	4.509	3.642	4.374	9.2

* 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: CHEMTECH Contract: CHEM02

Lab Code: CHEM Case No.: Q2378 SAS No.: Q2378 SDG No.: Q2378

Instrument ID: MSVOA_X Calibration Date(s): 06/17/2025 06/17/2025

Heated Purge: (Y/N) N Calibration Time(s): 11:19 17:18

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

LAB FILE ID: RRF005 = VX046718.D RRF020 = VX046719.D RRF050 = VX046720.D
RRF100 = VX046721.D RRF150 = VX046722.D RRF001 = VX046725.D

COMPOUND	RRF005	RRF020	RRF050	RRF100	RRF150	RRF001	$\overline{RRF}$	% RSD
2-Chlorotoluene	2.596	2.736	2.586	2.770	2.618	2.363	2.611	5.5
1,3,5-Trimethylbenzene	2.888	3.297	3.072	3.294	3.108	2.497	3.026	9.9
4-Chlorotoluene	2.980	3.255	3.024	3.227	3.066	2.734	3.048	6.2
tert-Butylbenzene	3.043	3.316	3.122	3.395	3.234	2.658	3.128	8.4
1,2,4-Trimethylbenzene	2.992	3.270	3.061	3.302	3.162	2.455	3.040	10.2
sec-Butylbenzene	3.920	4.198	3.999	4.272	4.030	3.301	3.953	8.7
p-Isopropyltoluene	3.275	3.526	3.340	3.574	3.394	2.905	3.336	7.2
1,3-Dichlorobenzene	1.703	1.787	1.678	1.786	1.719	1.694	1.728	2.7
1,4-Dichlorobenzene	1.743	1.830	1.653	1.789	1.702	1.932	1.775	5.6
n-Butylbenzene	2.970	3.284	3.154	3.415	3.194	2.986	3.167	5.4
1,2-Dichlorobenzene	1.604	1.701	1.592	1.703	1.628	1.460	1.615	5.5
1,2-Dibromo-3-Chloropropane	0.196	0.205	0.211	0.235	0.237	0.134	0.203	18.6
1,2,4-Trichlorobenzene	1.040	1.138	1.127	1.253	1.160	1.170	1.148	6
Hexachlorobutadiene	0.490	0.501	0.479	0.512	0.420	0.495	0.483	6.8
Naphthalene	2.887	3.301	3.335	3.744	3.720	2.636	3.270	13.5
1,2,3-Trichlorobenzene	1.062	1.129	1.082	1.207	1.153	0.957	1.098	7.9
1,2-Dichloroethane-d4	0.801	0.567	0.649	0.726	0.714		0.692	12.7
Dibromofluoromethane	0.362	0.267	0.320	0.354	0.351		0.331	11.9
Toluene-d8	1.342	0.973	1.144	1.250	1.234		1.189	11.7
4-Bromofluorobenzene	0.513	0.354	0.426	0.466	0.456		0.443	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.

Response Factor Report MSVOA_X2

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
Method File : 82X061725W.M
Title : SW846 8260
Last Update : Wed Jun 18 03:09:16 2025
Response Via : Initial Calibration

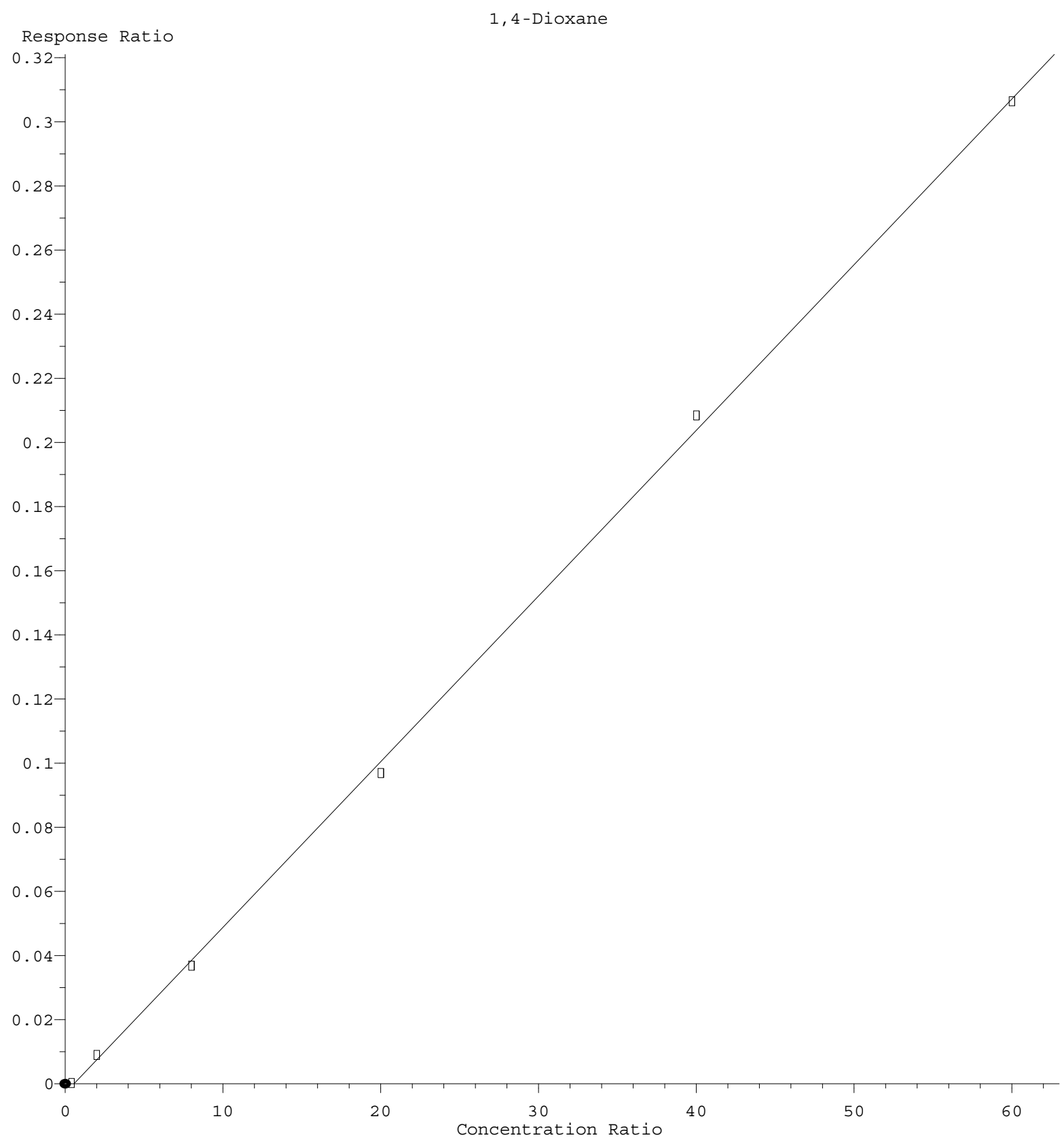
Calibration Files
1 =VX046725.D 5 =VX046718.D 20 =VX046719.D 50 =VX046720.D 100 =VX046721.D 150 =VX046722.D

		Compound	1	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.425	0.464	0.507	0.583	0.627	0.598	0.534	15.13
3)	P	Chloromethane	0.485	0.541	0.570	0.593	0.641	0.627	0.576	9.97
4)	C	Vinyl Chloride	0.521	0.569	0.632	0.634	0.687	0.644	0.614	9.68#
5)	T	Bromomethane		0.371	0.367	0.369	0.341	0.280	0.346	11.13
6)	T	Chloroethane	0.332	0.350	0.388	0.377	0.405	0.381	0.372	7.12
7)	T	Trichlorofluor...	0.757	0.897	0.974	0.967	1.030	0.972	0.933	10.30
8)	T	Diethyl Ether	0.265	0.309	0.337	0.322	0.352	0.336	0.320	9.58
9)	T	1,1,2-Trichlor...	0.470	0.563	0.608	0.576	0.623	0.594	0.572	9.55
10)	T	Methyl Iodide		0.447	0.566	0.654	0.788	0.752	0.642	21.71
11)	T	Tert butyl alc...		0.048	0.061	0.062	0.071	0.069	0.062	14.45
12)	CM	1,1-Dichloroet...	0.451	0.527	0.574	0.569	0.609	0.583	0.552	10.21#
13)	T	Acrolein		0.095	0.074	0.087	0.098	0.097	0.090	11.04
14)	T	Allyl chloride	0.876	0.934	1.042	0.999	1.102	1.051	1.001	8.30
15)	T	Acrylonitrile	0.226	0.270	0.287	0.285	0.312	0.295	0.279	10.61
16)	T	Acetone	0.251	0.219	0.222	0.220	0.238	0.234	0.231	5.60
17)	T	Carbon Disulfide	1.869	1.503	1.644	1.599	1.735	1.656	1.668	7.46
18)	T	Methyl Acetate	0.470	0.577	0.590	0.581	0.650	0.647	0.586	11.17
19)	T	Methyl tert-bu...	1.427	1.628	1.803	1.752	1.898	1.808	1.720	9.79
20)	T	Methylene Chlo...	0.637	0.655	0.655	0.610	0.666	0.624	0.641	3.32
21)	T	trans-1,2-Dich...	0.529	0.569	0.627	0.589	0.637	0.595	0.591	6.68
22)	T	Diisopropyl ether	1.531	1.883	2.073	1.967	2.113	1.973	1.923	10.87
23)	T	Vinyl Acetate	1.138	1.423	1.608	1.596	1.747	1.664	1.529	14.33
24)	P	1,1-Dichloroet...	0.972	1.054	1.153	1.088	1.170	1.114	1.092	6.63
25)	T	2-Butanone	0.251	0.319	0.325	0.338	0.371	0.353	0.326	12.66
26)	T	2,2-Dichloropr...	0.688	0.768	0.798	0.761	0.878	0.886	0.796	9.49
27)	T	cis-1,2-Dichlo...	0.623	0.681	0.731	0.686	0.741	0.704	0.694	6.06
28)	T	Bromochloromet...	0.480	0.527	0.459	0.485	0.519	0.500	0.495	5.18
29)	T	Tetrahydrofuran	0.162	0.205	0.211	0.216	0.240	0.229	0.211	12.74
30)	C	Chloroform	0.857	1.102	1.190	1.114	1.181	1.109	1.092	11.08#
31)	T	Cyclohexane		0.983	1.086	1.013	1.074	1.021	1.036	4.20
32)	T	1,1,1-Trichlor...	0.812	0.931	1.012	0.956	1.046	0.990	0.958	8.58
33)	S	1,2-Dichloroet...		0.801	0.567	0.649	0.726	0.714	0.692	12.70
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...		0.362	0.267	0.320	0.354	0.351	0.331	11.89
36)	T	1,1-Dichloropr...	0.446	0.477	0.486	0.477	0.500	0.480	0.478	3.73
37)	T	Ethyl Acetate	0.443	0.404	0.440	0.431	0.468	0.459	0.441	5.11
38)	T	Carbon Tetrach...	0.470	0.509	0.537	0.515	0.548	0.531	0.518	5.37
39)	T	Methylcyclohexane	0.550	0.631	0.642	0.629	0.672	0.647	0.628	6.61
40)	TM	Benzene	1.218	1.431	1.477	1.417	1.509	1.427	1.413	7.22
41)	T	Methacrylonitrile	0.190	0.207	0.242	0.239	0.267	0.266	0.235	13.31
42)	TM	1,2-Dichloroet...	0.429	0.508	0.523	0.495	0.528	0.497	0.497	7.23
43)	T	Isopropyl Acetate	0.491	0.678	0.689	0.716	0.795	0.770	0.690	15.63
44)	TM	Trichloroethene	0.320	0.355	0.374	0.356	0.389	0.366	0.360	6.47
45)	C	1,2-Dichloropr...	0.305	0.347	0.372	0.346	0.374	0.357	0.350	7.18#
46)	T	Dibromomethane	0.228	0.243	0.260	0.251	0.270	0.259	0.252	5.92
47)	T	Bromodichlorom...	0.404	0.510	0.545	0.522	0.562	0.540	0.514	11.07
48)	T	Methyl methacr...	0.232	0.316	0.352	0.370	0.409	0.396	0.346	18.71
49)	T	1,4-Dioxane	0.001	0.004	0.005	0.005	0.005	0.005	0.004	42.21
50)	S	Toluene-d8		1.342	0.973	1.144	1.250	1.234	1.189	11.72
51)	T	4-Methyl-2-Pen...	0.322	0.408	0.414	0.426	0.460	0.439	0.411	11.62
52)	CM	Toluene	0.750	0.884	0.927	0.888	0.927	0.881	0.876	7.43#
53)	T	t-1,3-Dichloro...	0.355	0.438	0.484	0.488	0.555	0.540	0.477	15.29
54)	T	cis-1,3-Dichlo...	0.436	0.516	0.555	0.548	0.603	0.589	0.541	11.13
55)	T	1,1,2-Trichlor...	0.287	0.330	0.341	0.326	0.347	0.329	0.327	6.43
56)	T	Ethyl methacry...	0.327	0.465	0.493	0.507	0.560	0.540	0.482	17.24

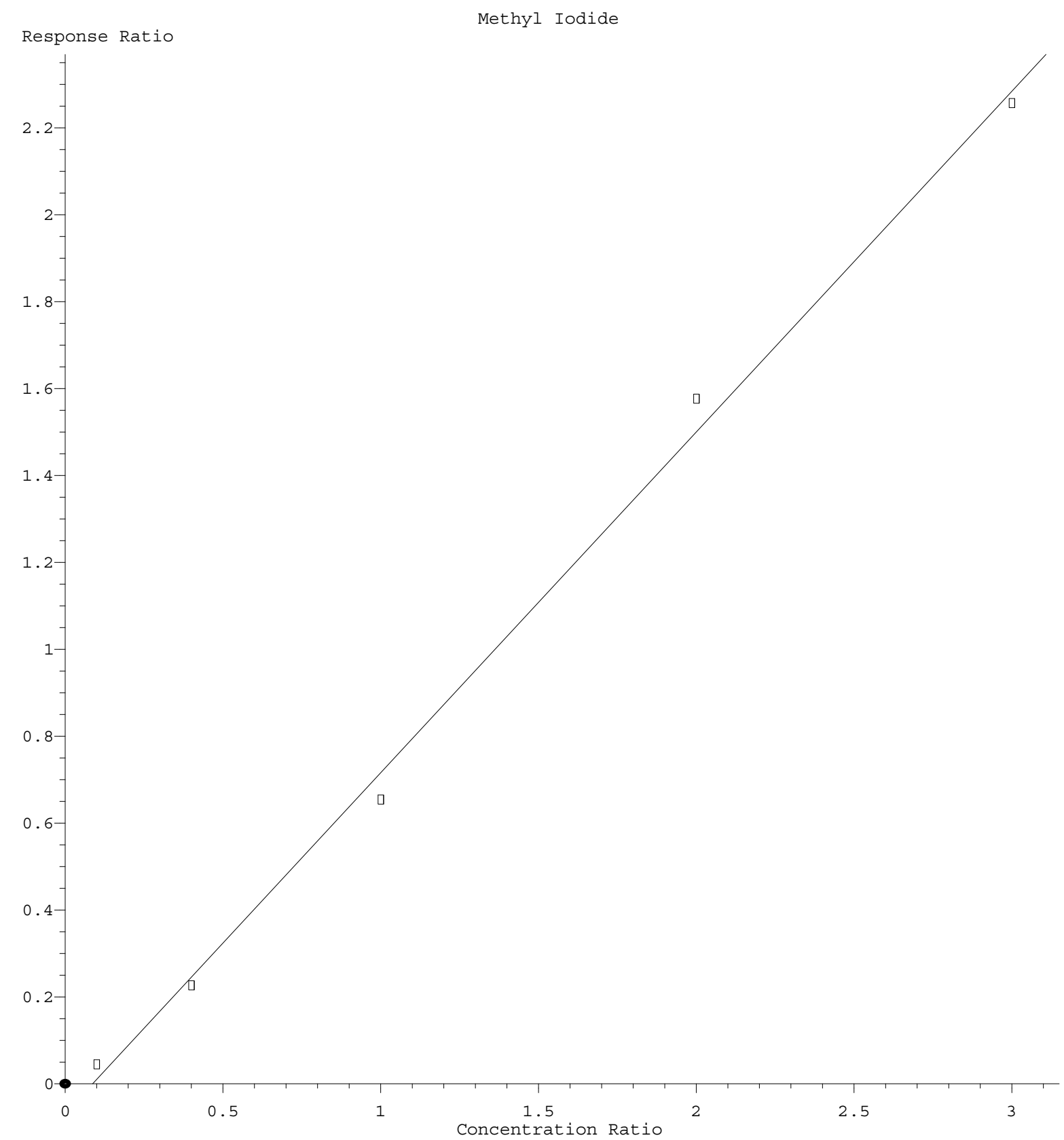
Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
Method File : 82X061725W.M

57)	T	1,3-Dichloropr...	0.497	0.575	0.576	0.562	0.600	0.563	0.562	6.16
58)	T	2-Chloroethyl ...	0.167	0.241	0.235	0.281	0.296	0.282	0.250	18.96
59)	T	2-Hexanone	0.214	0.285	0.285	0.297	0.320	0.305	0.284	13.04
60)	T	Dibromochlorom...	0.318	0.380	0.402	0.388	0.419	0.402	0.385	9.25
61)	T	1,2-Dibromoethane	0.267	0.333	0.348	0.335	0.363	0.346	0.332	10.10
62)	S	4-Bromofluorob...		0.513	0.354	0.426	0.466	0.456	0.443	13.28
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.341	0.345	0.353	0.340	0.360	0.339	0.346	2.43
65)	PM	Chlorobenzene	1.005	1.114	1.148	1.091	1.165	1.100	1.104	5.09
66)	T	1,1,1,2-Tetrac...	0.302	0.358	0.398	0.373	0.408	0.386	0.371	10.22
67)	C	Ethyl Benzene	1.696	1.905	2.030	1.933	2.062	1.945	1.929	6.68#
68)	T	m/p-Xylenes	0.635	0.705	0.764	0.724	0.765	0.718	0.719	6.68
69)	T	o-Xylene	0.498	0.686	0.729	0.692	0.739	0.698	0.673	13.15
70)	T	Styrene	0.993	1.144	1.256	1.208	1.267	1.203	1.179	8.57
71)	P	Bromoform	0.226	0.268	0.295	0.287	0.315	0.304	0.282	11.35
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.048	3.593	3.914	3.723	4.004	3.814	3.682	9.31
74)	T	N-amyl acetate	0.927	1.237	1.455	1.467	1.660	1.625	1.395	19.64
75)	P	1,1,2,2-Tetrac...	0.816	1.037	1.075	1.044	1.124	1.074	1.028	10.56
76)	T	1,2,3-Trichlor...	0.650	0.959	1.066	0.990	0.938	0.892	0.916	15.58
77)	T	Bromobenzene	0.744	0.861	0.953	0.892	0.956	0.911	0.886	8.87
78)	T	n-propylbenzene	3.642	4.243	4.682	4.430	4.737	4.509	4.374	9.16
79)	T	2-Chlorotoluene	2.363	2.596	2.736	2.586	2.770	2.618	2.611	5.50
80)	T	1,3,5-Trimethy...	2.497	2.888	3.297	3.072	3.294	3.108	3.026	9.94
81)	T	trans-1,4-Dich...		0.264	0.297	0.311	0.367	0.381	0.324	15.12
82)	T	4-Chlorotoluene	2.734	2.980	3.255	3.024	3.227	3.066	3.048	6.21
83)	T	tert-Butylbenzene	2.658	3.043	3.316	3.122	3.395	3.234	3.128	8.41
84)	T	1,2,4-Trimethy...	2.455	2.992	3.270	3.061	3.302	3.162	3.040	10.20
85)	T	sec-Butylbenzene	3.301	3.920	4.198	3.999	4.272	4.030	3.953	8.73
86)	T	p-Isopropyltol...	2.905	3.275	3.526	3.340	3.574	3.394	3.336	7.17
87)	T	1,3-Dichlorobe...	1.694	1.703	1.787	1.678	1.786	1.719	1.728	2.74
88)	T	1,4-Dichlorobe...	1.932	1.743	1.830	1.653	1.789	1.702	1.775	5.59
89)	T	n-Butylbenzene	2.986	2.970	3.284	3.154	3.415	3.194	3.167	5.43
90)	T	Hexachloroethane	0.522	0.523	0.601	0.584	0.647	0.627	0.584	8.97
91)	T	1,2-Dichlorobe...	1.460	1.604	1.701	1.592	1.703	1.627	1.615	5.55
92)	T	1,2-Dibromo-3-...	0.134	0.196	0.205	0.211	0.235	0.237	0.203	18.57
93)	T	1,2,4-Trichlor...	1.170	1.040	1.138	1.127	1.253	1.160	1.148	5.99
94)	T	Hexachlorobuta...	0.495	0.490	0.501	0.479	0.512	0.420	0.483	6.78
95)	T	Naphthalene	2.636	2.887	3.301	3.335	3.744	3.720	3.270	13.54
96)	T	1,2,3-Trichlor...	0.957	1.062	1.129	1.082	1.206	1.153	1.098	7.87

(#) = Out of Range



Response = 5.178e-003 * Amt - 2.920e-003
Coef of Det (r^2) = 0.999471 Curve Fit: Linear
Method Name: Z:\voasrv\HPCHEM1\MSVOA X\Method\82X061725W.M
Calibration Table Last Updated: Wed Jun 18 03:09:16 2025



Response = 7.844e-001 * Amt - 6.799e-002
Coef of Det (r^2) = 0.996612 Curve Fit: Linear
Method Name: Z:\voasrv\HPCHEM1\MSVOA X\Method\82X061725W.M
Calibration Table Last Updated: Wed Jun 18 03:09:16 2025

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046718.D
Acq On : 17 Jun 2025 11:19
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 18 02:37:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 02:34:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	130530	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	217019	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	195782	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	100990	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	10456	5.791	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	11.580%#		
35) Dibromofluoromethane	5.403	113	7865	5.478	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.960%#		
50) Toluene-d8	8.653	98	29120	5.645	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	11.280%#		
62) 4-Bromofluorobenzene	11.079	95	11137	5.791	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	11.580%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.179	85	6051	4.342	ug/l	99
3) Chloromethane	1.307	50	7066	4.698	ug/l	90
4) Vinyl Chloride	1.386	62	7425	4.629	ug/l	99
5) Bromomethane	1.617	94	4837	5.360	ug/l	95
6) Chloroethane	1.703	64	4575	4.706	ug/l	92
7) Trichlorofluoromethane	1.904	101	11714	4.810	ug/l	92
8) Diethyl Ether	2.148	74	4038	4.831	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.349	101	7353	4.921	ug/l	96
10) Methyl Iodide	2.465	142	5830	7.181	ug/l	99
11) Tert butyl alcohol	2.959	59	3134	19.340	ug/l	99
12) 1,1-Dichloroethene	2.337	96	6884	4.775	ug/l	91
13) Acrolein	2.251	56	6208	26.301	ug/l	100
14) Allyl chloride	2.678	41	12195	4.668	ug/l	99
15) Acrylonitrile	3.081	53	17611	24.169	ug/l	99
16) Acetone	2.392	43	14275	23.710	ug/l	98
17) Carbon Disulfide	2.526	76	19624	4.507	ug/l	100
18) Methyl Acetate	2.721	43	7530	4.924	ug/l	100
19) Methyl tert-butyl Ether	3.123	73	21254	4.734	ug/l	97
20) Methylene Chloride	2.800	84	8556	5.110	ug/l	97
21) trans-1,2-Dichloroethene	3.111	96	7425	4.813	ug/l	97
22) Diisopropyl ether	3.769	45	24580	4.895	ug/l #	67
23) Vinyl Acetate	3.739	43	92889	23.264	ug/l	98
24) 1,1-Dichloroethane	3.623	63	13761	4.827	ug/l	99
25) 2-Butanone	4.580	43	20821	24.452	ug/l	97
26) 2,2-Dichloropropane	4.483	77	10020	4.819	ug/l	96
27) cis-1,2-Dichloroethene	4.507	96	8891	4.906	ug/l	99
28) Bromochloromethane	4.910	49	6884	5.326	ug/l #	96
29) Tetrahydrofuran	5.025	42	13402	24.367	ug/l	99
30) Chloroform	5.099	83	14385	5.046	ug/l	86
31) Cyclohexane	5.483	56	12835	4.748	ug/l	94
32) 1,1,1-Trichloroethane	5.397	97	12150	4.859	ug/l	97
36) 1,1-Dichloropropene	5.702	75	10359	4.998	ug/l	99
37) Ethyl Acetate	4.733	43	8763	4.580	ug/l	96
38) Carbon Tetrachloride	5.690	117	11043	4.909	ug/l	98
39) Methylcyclohexane	7.391	83	13704	5.024	ug/l #	87
40) Benzene	6.050	78	31061	5.064	ug/l	97

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046718.D
Acq On : 17 Jun 2025 11:19
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 18 02:37:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 02:34:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	4.940	41	4488	4.400 ug/l #	92
42) 1,2-Dichloroethane	6.104	62	11029	5.116 ug/l	98
43) Isopropyl Acetate	6.348	43	14711	4.914 ug/l	97
44) Trichloroethene	7.135	130	7703	4.927 ug/l	93
45) 1,2-Dichloropropane	7.433	63	7529	4.952 ug/l	97
46) Dibromomethane	7.592	93	5267	4.821 ug/l	95
47) Bromodichloromethane	7.824	83	11072	4.966 ug/l	96
48) Methyl methacrylate	7.702	41	6864	4.571 ug/l	99
49) 1,4-Dioxane	7.671	88	1949	113.091 ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	44282	24.800 ug/l	97
52) Toluene	8.720	92	19190	5.046 ug/l	99
53) t-1,3-Dichloropropene	8.982	75	9497	4.591 ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	11188	4.764 ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	7151	5.046 ug/l	95
56) Ethyl methacrylate	9.122	69	10101	4.828 ug/l	99
57) 1,3-Dichloropropane	9.311	76	12483	5.115 ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	26158	24.071 ug/l	100
59) 2-Hexanone	9.433	43	30938	25.062 ug/l	99
60) Dibromochloromethane	9.518	129	8249	4.939 ug/l	99
61) 1,2-Dibromoethane	9.610	107	7221	5.009 ug/l	98
64) Tetrachloroethene	9.275	164	6755	4.980 ug/l	97
65) Chlorobenzene	10.079	112	21807	5.046 ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	7006	4.823 ug/l	98
67) Ethyl Benzene	10.195	91	37295	4.939 ug/l	98
68) m/p-Xylenes	10.299	106	27609	9.812 ug/l	96
69) o-Xylene	10.640	106	13421	5.090 ug/l	97
70) Styrene	10.659	104	22403	4.855 ug/l	100
71) Bromoform	10.799	173	5248	4.744 ug/l #	100
73) Isopropylbenzene	10.963	105	36281	4.878 ug/l	99
74) N-amyl acetate	10.841	43	12496	4.434 ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	10468	5.040 ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	9687m	4.722 ug/l	
77) Bromobenzene	11.201	156	8694	4.857 ug/l	95
78) n-propylbenzene	11.305	91	42848	4.850 ug/l	100
79) 2-Chlorotoluene	11.366	91	26221	4.971 ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	29167	4.772 ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	2663	4.070 ug/l	94
82) 4-Chlorotoluene	11.457	91	30097	4.889 ug/l	99
83) tert-Butylbenzene	11.713	119	30728	4.864 ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	30213	4.920 ug/l	98
85) sec-Butylbenzene	11.890	105	39588	4.958 ug/l	100
86) p-Isopropyltoluene	12.006	119	33076	4.909 ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	17198	4.928 ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	17600	4.910 ug/l	95
89) n-Butylbenzene	12.329	91	29990	4.688 ug/l	98
90) Hexachloroethane	12.536	117	5285	4.480 ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	16203	4.968 ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	1982	4.834 ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	10507	4.532 ug/l	99
94) Hexachlorobutadiene	13.725	225	4953	5.078 ug/l	95
95) Naphthalene	13.774	128	29158	4.414 ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	10725	4.835 ug/l	96

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046718.D
Acq On : 17 Jun 2025 11:19
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

Quant Time: Jun 18 02:37:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 02:34:13 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

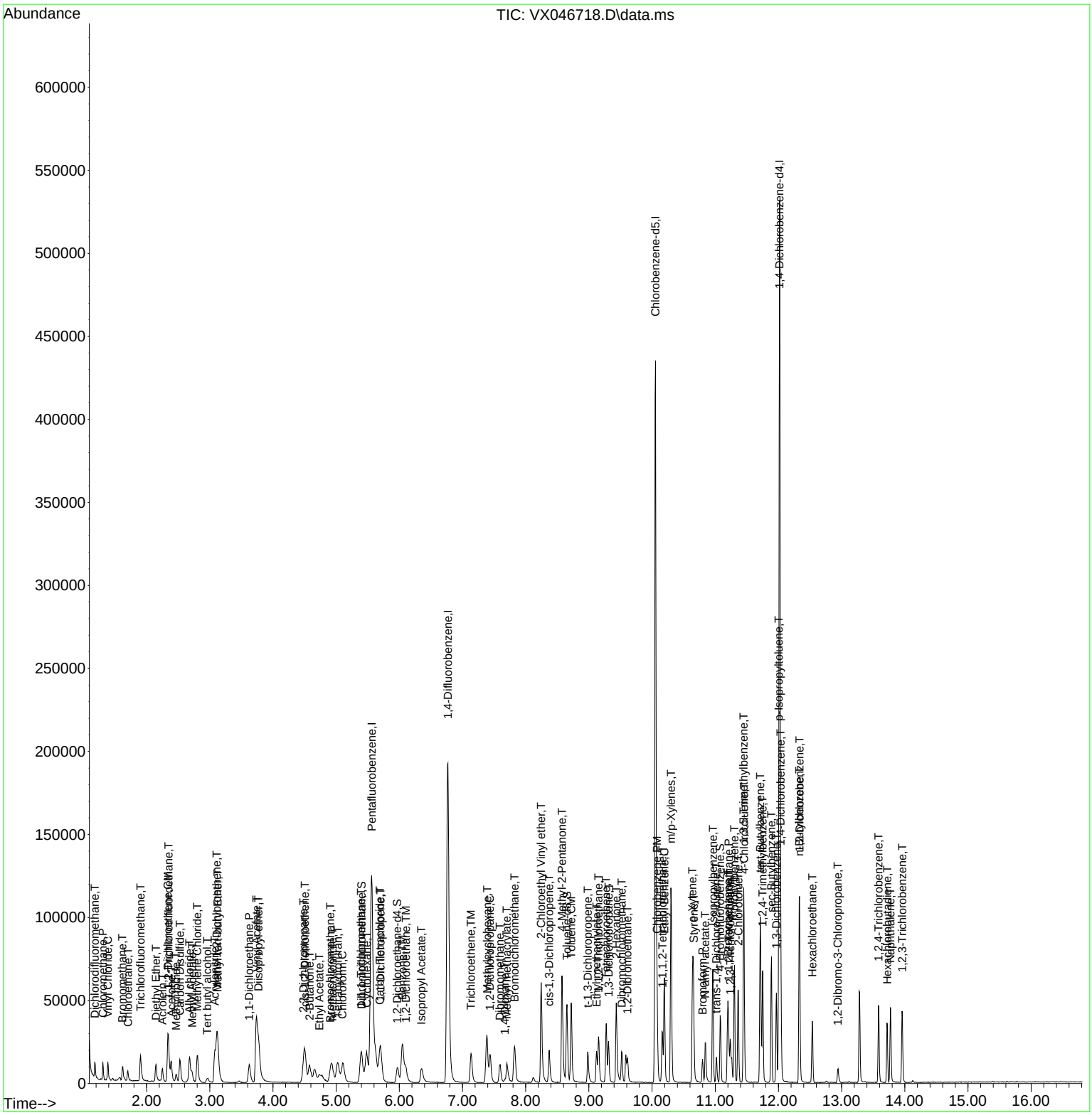
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046718.D
Acq On : 17 Jun 2025 11:19
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 18 02:37:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 02:34:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046719.D
Acq On : 17 Jun 2025 13:59
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 18 02:38:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 02:34:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	134732	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	226567	50.000	ug/l	-0.01
63) Chlorobenzene-d5	10.049	117	197947	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	98285	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	30582	16.410	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	32.820%#		
35) Dibromofluoromethane	5.385	113	24156	16.114	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery =	32.220%#		
50) Toluene-d8	8.647	98	88197	16.376	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	32.760%#		
62) 4-Bromofluorobenzene	11.079	95	32067	15.973	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	31.940%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	27297	18.977	ug/l	97
3) Chloromethane	1.307	50	30731	19.793	ug/l	98
4) Vinyl Chloride	1.386	62	34049	20.565	ug/l	96
5) Bromomethane	1.618	94	19805	21.261	ug/l	91
6) Chloroethane	1.697	64	20911	20.838	ug/l	97
7) Trichlorofluoromethane	1.904	101	52480	20.875	ug/l	99
8) Diethyl Ether	2.142	74	18139	21.024	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.343	101	32778	21.253	ug/l	98
10) Methyl Iodide	2.465	142	30525	18.775	ug/l	99
11) Tert butyl alcohol	2.953	59	16360	97.808	ug/l	96
12) 1,1-Dichloroethene	2.331	96	30924	20.780	ug/l	92
13) Acrolein	2.246	56	20036	82.237	ug/l	98
14) Allyl chloride	2.672	41	56147	20.823	ug/l	99
15) Acrylonitrile	3.069	53	77278	102.746	ug/l	99
16) Acetone	2.386	43	59747	96.140	ug/l	97
17) Carbon Disulfide	2.526	76	88625	19.721	ug/l	99
18) Methyl Acetate	2.709	43	31812	20.154	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	97187	20.974	ug/l	95
20) Methylene Chloride	2.800	84	35302	20.426	ug/l	99
21) trans-1,2-Dichloroethene	3.105	96	33796	21.224	ug/l	95
22) Diisopropyl ether	3.764	45	111712	21.555	ug/l	95
23) Vinyl Acetate	3.727	43	433313	105.140	ug/l	100
24) 1,1-Dichloroethane	3.617	63	62164	21.126	ug/l	98
25) 2-Butanone	4.556	43	87671	99.748	ug/l	99
26) 2,2-Dichloropropane	4.483	77	42992	20.032	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	39374	21.047	ug/l	99
28) Bromochloromethane	4.904	49	24738	18.544	ug/l	100
29) Tetrahydrofuran	5.007	42	56765	99.990	ug/l	98
30) Chloroform	5.093	83	64109	21.785	ug/l	100
31) Cyclohexane	5.477	56	58552	20.982	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	54542	21.133	ug/l	99
36) 1,1-Dichloropropene	5.696	75	44023	20.344	ug/l	99
37) Ethyl Acetate	4.715	43	39916	19.984	ug/l	99
38) Carbon Tetrachloride	5.684	117	48694	20.735	ug/l	97
39) Methylcyclohexane	7.379	83	58170	20.428	ug/l	97
40) Benzene	6.038	78	133872	20.904	ug/l	100

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046719.D
Acq On : 17 Jun 2025 13:59
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 18 02:38:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 02:34:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.922	41	21970	20.632	ug/l		97
42) 1,2-Dichloroethane	6.086	62	47430	21.076	ug/l		99
43) Isopropyl Acetate	6.342	43	62432	19.975	ug/l		100
44) Trichloroethene	7.129	130	33927	20.788	ug/l		100
45) 1,2-Dichloropropane	7.428	63	33688	21.226	ug/l		94
46) Dibromomethane	7.580	93	23569	20.663	ug/l		99
47) Bromodichloromethane	7.818	83	49411	21.227	ug/l		98
48) Methyl methacrylate	7.690	41	31856	20.322	ug/l		98
49) 1,4-Dioxane	7.659	88	8340	382.035	ug/l		93
51) 4-Methyl-2-Pentanone	8.568	43	187509	100.586	ug/l		99
52) Toluene	8.714	92	84030	21.166	ug/l		100
53) t-1,3-Dichloropropene	8.976	75	43852	20.304	ug/l		99
54) cis-1,3-Dichloropropene	8.366	75	50326	20.526	ug/l		98
55) 1,1,2-Trichloroethane	9.147	97	30865	20.862	ug/l		94
56) Ethyl methacrylate	9.116	69	44702	20.468	ug/l		99
57) 1,3-Dichloropropane	9.305	76	52181	20.480	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.238	63	106505	93.878	ug/l		99
59) 2-Hexanone	9.427	43	129218	100.265	ug/l		99
60) Dibromochloromethane	9.519	129	36392	20.872	ug/l		99
61) 1,2-Dibromoethane	9.604	107	31507	20.936	ug/l		100
64) Tetrachloroethene	9.269	164	27988	20.408	ug/l		97
65) Chlorobenzene	10.073	112	90868	20.796	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.159	131	31508	21.455	ug/l		100
67) Ethyl Benzene	10.189	91	160761	21.056	ug/l		99
68) m/p-Xylenes	10.299	106	121014	42.539	ug/l		99
69) o-Xylene	10.640	106	57689	21.638	ug/l		100
70) Styrene	10.653	104	99462	21.318	ug/l		99
71) Bromoform	10.799	173	23372	20.898	ug/l	#	100
73) Isopropylbenzene	10.957	105	153861	21.255	ug/l		99
74) N-amyl acetate	10.842	43	57185	20.851	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	42272	20.914	ug/l		100
76) 1,2,3-Trichloropropane	11.238	75	41901m	20.989	ug/l		
77) Bromobenzene	11.195	156	37464	21.507	ug/l		99
78) n-propylbenzene	11.299	91	184078	21.410	ug/l		100
79) 2-Chlorotoluene	11.360	91	107552	20.952	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	129635	21.793	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	11694	18.362	ug/l		98
82) 4-Chlorotoluene	11.451	91	127954	21.358	ug/l		100
83) tert-Butylbenzene	11.713	119	130359	21.201	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	128566	21.512	ug/l		99
85) sec-Butylbenzene	11.890	105	165047	21.239	ug/l		99
86) p-Isopropyltoluene	12.006	119	138623	21.142	ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	70243	20.681	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	71953	20.625	ug/l		99
89) n-Butylbenzene	12.329	91	129101	20.738	ug/l		100
90) Hexachloroethane	12.536	117	23645	20.594	ug/l		97
91) 1,2-Dichlorobenzene	12.329	146	66883	21.073	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	8071	20.226	ug/l		98
93) 1,2,4-Trichlorobenzene	13.585	180	44726	19.821	ug/l		97
94) Hexachlorobutadiene	13.725	225	19698	20.752	ug/l		99
95) Naphthalene	13.774	128	129768	20.186	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	44380	20.558	ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046719.D
Acq On : 17 Jun 2025 13:59
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

Quant Time: Jun 18 02:38:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 02:34:13 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

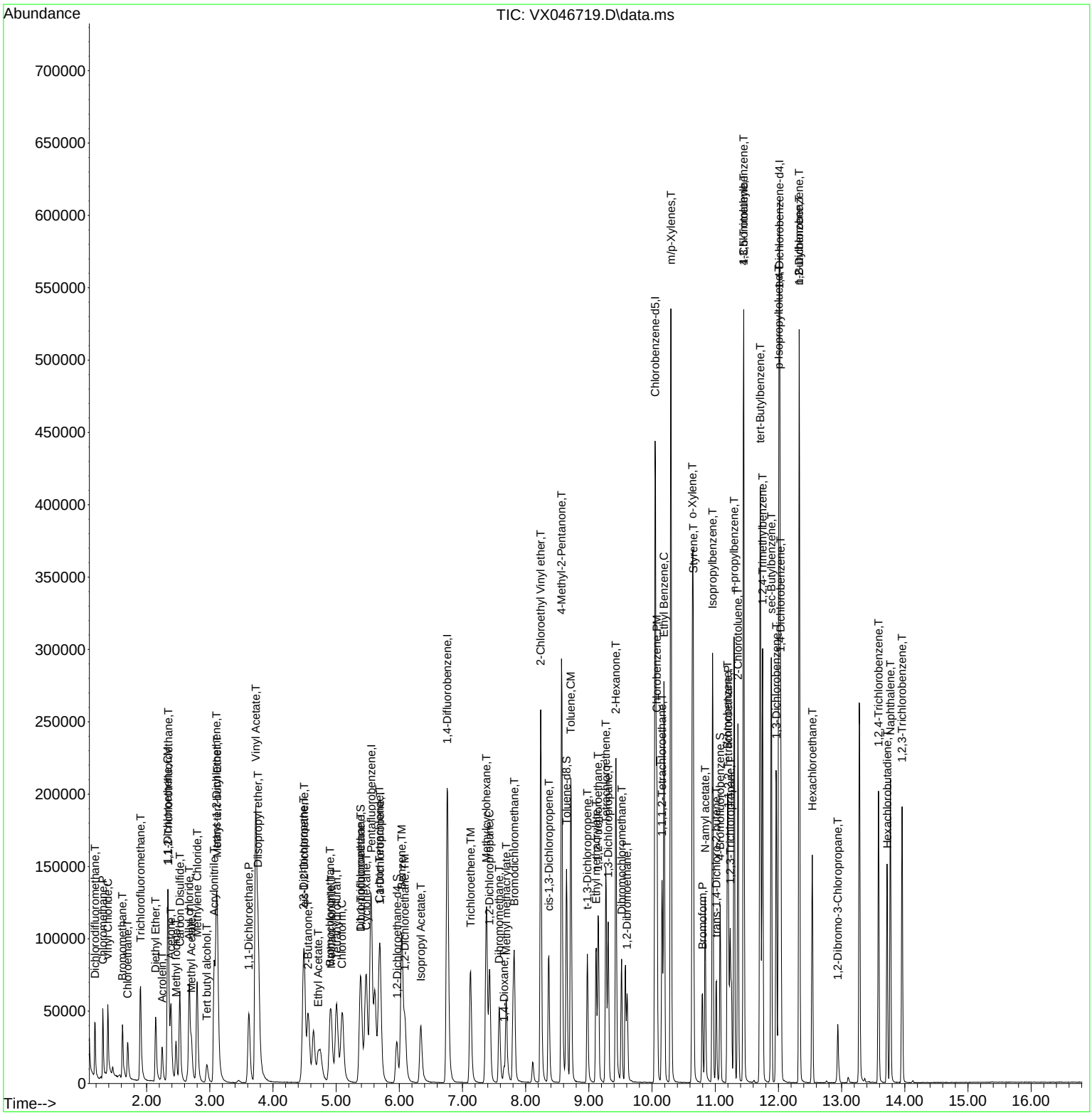
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046719.D
Acq On : 17 Jun 2025 13:59
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 18 02:38:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 02:34:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046720.D
Acq On : 17 Jun 2025 14:20
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

Quant Time: Jun 18 02:39:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 02:34:13 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	123412	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	204400	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	179407	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	89016	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	80133	46.944	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 93.880%			
35) Dibromofluoromethane	5.397	113	65447	48.394	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.780%			
50) Toluene-d8	8.647	98	233825	48.124	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.240%			
62) 4-Bromofluorobenzene	11.079	95	87131	48.107	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 96.220%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	71910	54.577	ug/l	100
3) Chloromethane	1.307	50	73175	51.454	ug/l	100
4) Vinyl Chloride	1.386	62	78242	51.592	ug/l	100
5) Bromomethane	1.624	94	45535	53.367	ug/l	100
6) Chloroethane	1.703	64	46570	50.665	ug/l	100
7) Trichlorofluoromethane	1.904	101	119335	51.823	ug/l	100
8) Diethyl Ether	2.148	74	39712	50.251	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.343	101	71037	50.285	ug/l	100
10) Methyl Iodide	2.471	142	80710	46.019	ug/l	100
11) Tert butyl alcohol	2.959	59	38256	249.692	ug/l	100
12) 1,1-Dichloroethene	2.337	96	70202	51.500	ug/l	100
13) Acrolein	2.246	56	53791	241.036	ug/l	100
14) Allyl chloride	2.678	41	123265	49.909	ug/l	100
15) Acrylonitrile	3.075	53	175846	255.243	ug/l	100
16) Acetone	2.386	43	135683	238.356	ug/l	100
17) Carbon Disulfide	2.526	76	197344	47.941	ug/l	100
18) Methyl Acetate	2.715	43	71685	49.582	ug/l	100
19) Methyl tert-butyl Ether	3.123	73	216266	50.953	ug/l	100
20) Methylene Chloride	2.800	84	75315	47.576	ug/l	100
21) trans-1,2-Dichloroethene	3.105	96	72648	49.807	ug/l	100
22) Diisopropyl ether	3.770	45	242789	51.143	ug/l	100
23) Vinyl Acetate	3.733	43	985040	260.935	ug/l	100
24) 1,1-Dichloroethane	3.623	63	134324	49.835	ug/l	100
25) 2-Butanone	4.562	43	208346	258.788	ug/l	100
26) 2,2-Dichloropropane	4.489	77	93956	47.794	ug/l	100
27) cis-1,2-Dichloroethene	4.501	96	84638	49.392	ug/l	100
28) Bromochloromethane	4.910	49	59857	48.984	ug/l	100
29) Tetrahydrofuran	5.013	42	133555	256.831	ug/l	100
30) Chloroform	5.105	83	137459	50.996	ug/l	100
31) Cyclohexane	5.483	56	125014	48.909	ug/l	100
32) 1,1,1-Trichloroethane	5.397	97	117954	49.895	ug/l	100
36) 1,1-Dichloropropene	5.702	75	97413	49.899	ug/l	100
37) Ethyl Acetate	4.721	43	88076	48.877	ug/l	100
38) Carbon Tetrachloride	5.690	117	105202	49.656	ug/l	100
39) Methylcyclohexane	7.385	83	128553	50.041	ug/l	100
40) Benzene	6.044	78	289724	50.146	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046720.D
Acq On : 17 Jun 2025 14:20
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 18 02:39:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 02:34:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.928	41	48765	50.762	ug/l		100
42) 1,2-Dichloroethane	6.092	62	101218	49.855	ug/l		100
43) Isopropyl Acetate	6.342	43	146377	51.911	ug/l		100
44) Trichloroethene	7.129	130	72796	49.441	ug/l		100
45) 1,2-Dichloropropane	7.434	63	70702	49.378	ug/l		100
46) Dibromomethane	7.586	93	51288	49.840	ug/l		100
47) Bromodichloromethane	7.824	83	106651	50.787	ug/l		100
48) Methyl methacrylate	7.696	41	75708	53.535	ug/l		100
49) 1,4-Dioxane	7.659	88	19802	962.534	ug/l		100
51) 4-Methyl-2-Pentanone	8.574	43	435000	258.656	ug/l		100
52) Toluene	8.720	92	181414	50.650	ug/l		100
53) t-1,3-Dichloropropene	8.976	75	99727	51.183	ug/l		100
54) cis-1,3-Dichloropropene	8.366	75	111917	50.598	ug/l		100
55) 1,1,2-Trichloroethane	9.153	97	66688	49.963	ug/l		100
56) Ethyl methacrylate	9.116	69	103697	52.629	ug/l		100
57) 1,3-Dichloropropane	9.305	76	114824	49.955	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.245	63	287531	280.927	ug/l		100
59) 2-Hexanone	9.427	43	303322	260.883	ug/l		100
60) Dibromochloromethane	9.519	129	79227	50.368	ug/l		100
61) 1,2-Dibromoethane	9.610	107	68515	50.464	ug/l		100
64) Tetrachloroethene	9.275	164	61048	49.115	ug/l		100
65) Chlorobenzene	10.080	112	195752	49.429	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.159	131	67004	50.341	ug/l		100
67) Ethyl Benzene	10.189	91	346812	50.119	ug/l		100
68) m/p-Xylenes	10.299	106	259899	100.800	ug/l		100
69) o-Xylene	10.640	106	124120	51.366	ug/l		100
70) Styrene	10.653	104	216738	51.254	ug/l		100
71) Bromoform	10.799	173	51485	50.792	ug/l	#	100
73) Isopropylbenzene	10.957	105	331391	50.548	ug/l		100
74) N-amyl acetate	10.842	43	130606	52.581	ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.207	83	92893	50.745	ug/l		100
76) 1,2,3-Trichloropropane	11.238	75	88091m	48.721	ug/l		
77) Bromobenzene	11.195	156	79404	50.331	ug/l		100
78) n-propylbenzene	11.299	91	394375	50.646	ug/l		100
79) 2-Chlorotoluene	11.360	91	230178	49.509	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	273477	50.761	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	27677	47.984	ug/l		100
82) 4-Chlorotoluene	11.451	91	269198	49.613	ug/l		100
83) tert-Butylbenzene	11.713	119	277915	49.905	ug/l		100
84) 1,2,4-Trimethylbenzene	11.750	105	272510	50.345	ug/l		100
85) sec-Butylbenzene	11.890	105	355947	50.574	ug/l		100
86) p-Isopropyltoluene	12.006	119	297314	50.067	ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	149402	48.568	ug/l		100
88) 1,4-Dichlorobenzene	12.037	146	147146	46.571	ug/l		100
89) n-Butylbenzene	12.329	91	280794	49.801	ug/l		100
90) Hexachloroethane	12.536	117	51961	49.968	ug/l		100
91) 1,2-Dichlorobenzene	12.329	146	141743	49.309	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	18747	51.873	ug/l		100
93) 1,2,4-Trichlorobenzene	13.585	180	100346	49.101	ug/l		100
94) Hexachlorobutadiene	13.719	225	42659	49.621	ug/l		100
95) Naphthalene	13.774	128	296912	50.994	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	96318	49.263	ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046720.D
Acq On : 17 Jun 2025 14:20
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

Quant Time: Jun 18 02:39:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 02:34:13 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

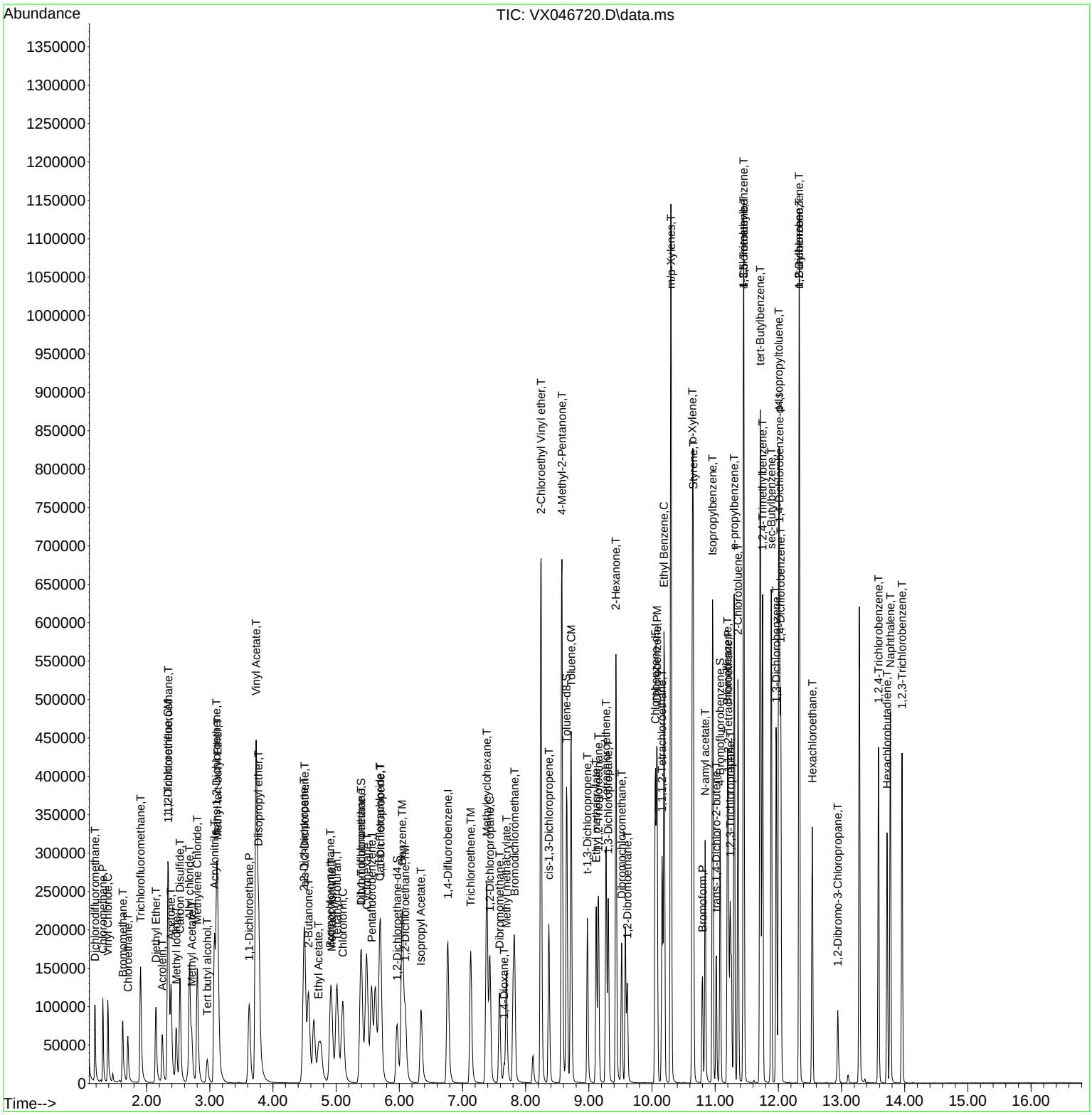
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046720.D
Acq On : 17 Jun 2025 14:20
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 18 02:39:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 02:34:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046721.D
Acq On : 17 Jun 2025 14:41
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

Quant Time: Jun 18 02:40:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 02:34:13 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	110482	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	183300	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	160869	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	78522	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	160514	105.037	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 210.080%#			
35) Dibromofluoromethane	5.391	113	129932	107.136	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 214.280%#			
50) Toluene-d8	8.647	98	458174	105.153	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 210.300%#			
62) 4-Bromofluorobenzene	11.079	95	170795	105.156	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 210.320%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.179	85	138589	117.494	ug/l	99
3) Chloromethane	1.307	50	141568	111.195	ug/l	99
4) Vinyl Chloride	1.386	62	151879	111.868	ug/l	97
5) Bromomethane	1.611	94	75361	98.660	ug/l	94
6) Chloroethane	1.697	64	89532	108.805	ug/l	96
7) Trichlorofluoromethane	1.898	101	227688	110.449	ug/l	98
8) Diethyl Ether	2.148	74	77791	109.956	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.343	101	137759	108.929	ug/l	99
10) Methyl Iodide	2.465	142	174182	104.824	ug/l	99
11) Tert butyl alcohol	2.965	59	78366	571.345	ug/l	99
12) 1,1-Dichloroethene	2.331	96	134660	110.347	ug/l	98
13) Acrolein	2.246	56	108796	544.566	ug/l	99
14) Allyl chloride	2.678	41	243477	110.119	ug/l	100
15) Acrylonitrile	3.075	53	344981	559.348	ug/l	100
16) Acetone	2.386	43	263024	516.133	ug/l	99
17) Carbon Disulfide	2.526	76	383348	104.026	ug/l	98
18) Methyl Acetate	2.709	43	143551	110.909	ug/l	100
19) Methyl tert-butyl Ether	3.123	73	419445	110.387	ug/l	98
20) Methylene Chloride	2.800	84	147144	103.828	ug/l	98
21) trans-1,2-Dichloroethene	3.105	96	140792	107.824	ug/l	97
22) Diisopropyl ether	3.770	45	466831	109.846	ug/l	98
23) Vinyl Acetate	3.733	43	1930136	571.126	ug/l	99
24) 1,1-Dichloroethane	3.623	63	258546	107.149	ug/l	98
25) 2-Butanone	4.562	43	409960	568.810	ug/l	99
26) 2,2-Dichloropropane	4.489	77	194006	110.239	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	163672	106.691	ug/l	99
28) Bromochloromethane	4.910	49	114720	104.869	ug/l	99
29) Tetrahydrofuran	5.013	42	265233	569.746	ug/l	100
30) Chloroform	5.105	83	260888	108.113	ug/l	96
31) Cyclohexane	5.477	56	237424	103.757	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	231101	109.198	ug/l	99
36) 1,1-Dichloropropene	5.702	75	183355	104.733	ug/l	98
37) Ethyl Acetate	4.721	43	171444	106.094	ug/l	97
38) Carbon Tetrachloride	5.690	117	200914	105.749	ug/l	98
39) Methylcyclohexane	7.385	83	246277	106.902	ug/l	99
40) Benzene	6.044	78	553336	106.798	ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046721.D
Acq On : 17 Jun 2025 14:41
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 18 02:40:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 02:34:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.928	41	97782	113.502	ug/l		97
42) 1,2-Dichloroethane	6.092	62	193498	106.278	ug/l		99
43) Isopropyl Acetate	6.342	43	291467	115.264	ug/l		100
44) Trichloroethene	7.129	130	142659	108.043	ug/l		96
45) 1,2-Dichloropropane	7.434	63	137291	106.920	ug/l		96
46) Dibromomethane	7.586	93	98964	107.240	ug/l		99
47) Bromodichloromethane	7.824	83	205870	109.319	ug/l		100
48) Methyl methacrylate	7.696	41	150002	118.279	ug/l		99
49) 1,4-Dioxane	7.659	88	38203	2040.447	ug/l		95
51) 4-Methyl-2-Pentanone	8.574	43	843944	559.584	ug/l		100
52) Toluene	8.720	92	339735	105.772	ug/l		99
53) t-1,3-Dichloropropene	8.976	75	203470	116.448	ug/l		99
54) cis-1,3-Dichloropropene	8.366	75	221241	111.537	ug/l		98
55) 1,1,2-Trichloroethane	9.153	97	127195	106.264	ug/l		99
56) Ethyl methacrylate	9.116	69	205153	116.106	ug/l		100
57) 1,3-Dichloropropane	9.305	76	220021	106.740	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.244	63	541734	590.219	ug/l		100
59) 2-Hexanone	9.427	43	587221	563.200	ug/l		100
60) Dibromochloromethane	9.519	129	153731	108.983	ug/l		99
61) 1,2-Dibromoethane	9.610	107	133253	109.444	ug/l		99
64) Tetrachloroethene	9.275	164	115774	103.876	ug/l		98
65) Chlorobenzene	10.079	112	374913	105.577	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.159	131	131134	109.876	ug/l		99
67) Ethyl Benzene	10.189	91	663369	106.914	ug/l		100
68) m/p-Xylenes	10.299	106	492448	213.003	ug/l		100
69) o-Xylene	10.640	106	237631	109.675	ug/l		99
70) Styrene	10.653	104	407566	107.488	ug/l		99
71) Bromoform	10.799	173	101329	111.485	ug/l	#	99
73) Isopropylbenzene	10.957	105	628803	108.731	ug/l		100
74) N-amyl acetate	10.842	43	260620	118.945	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	176523	109.317	ug/l		100
76) 1,2,3-Trichloropropane	11.238	75	147349m	92.387	ug/l		
77) Bromobenzene	11.195	156	150110	107.864	ug/l		99
78) n-propylbenzene	11.299	91	743979	108.310	ug/l		100
79) 2-Chlorotoluene	11.360	91	434989	106.065	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	517286	108.848	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	57608	113.225	ug/l		96
82) 4-Chlorotoluene	11.451	91	506852	105.896	ug/l		99
83) tert-Butylbenzene	11.713	119	533235	108.548	ug/l		100
84) 1,2,4-Trimethylbenzene	11.750	105	518524	108.598	ug/l		100
85) sec-Butylbenzene	11.890	105	670896	108.062	ug/l		99
86) p-Isopropyltoluene	12.006	119	561258	107.145	ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	280540	103.388	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	280884	100.779	ug/l		99
89) n-Butylbenzene	12.329	91	536268	107.822	ug/l		100
90) Hexachloroethane	12.536	117	101647	110.811	ug/l		96
91) 1,2-Dichlorobenzene	12.335	146	267432	105.466	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	36858	115.616	ug/l		95
93) 1,2,4-Trichlorobenzene	13.585	180	196715	109.119	ug/l		99
94) Hexachlorobutadiene	13.725	225	80407	106.029	ug/l		98
95) Naphthalene	13.774	128	587914	114.468	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	189473	109.861	ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046721.D
Acq On : 17 Jun 2025 14:41
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

Quant Time: Jun 18 02:40:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 02:34:13 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

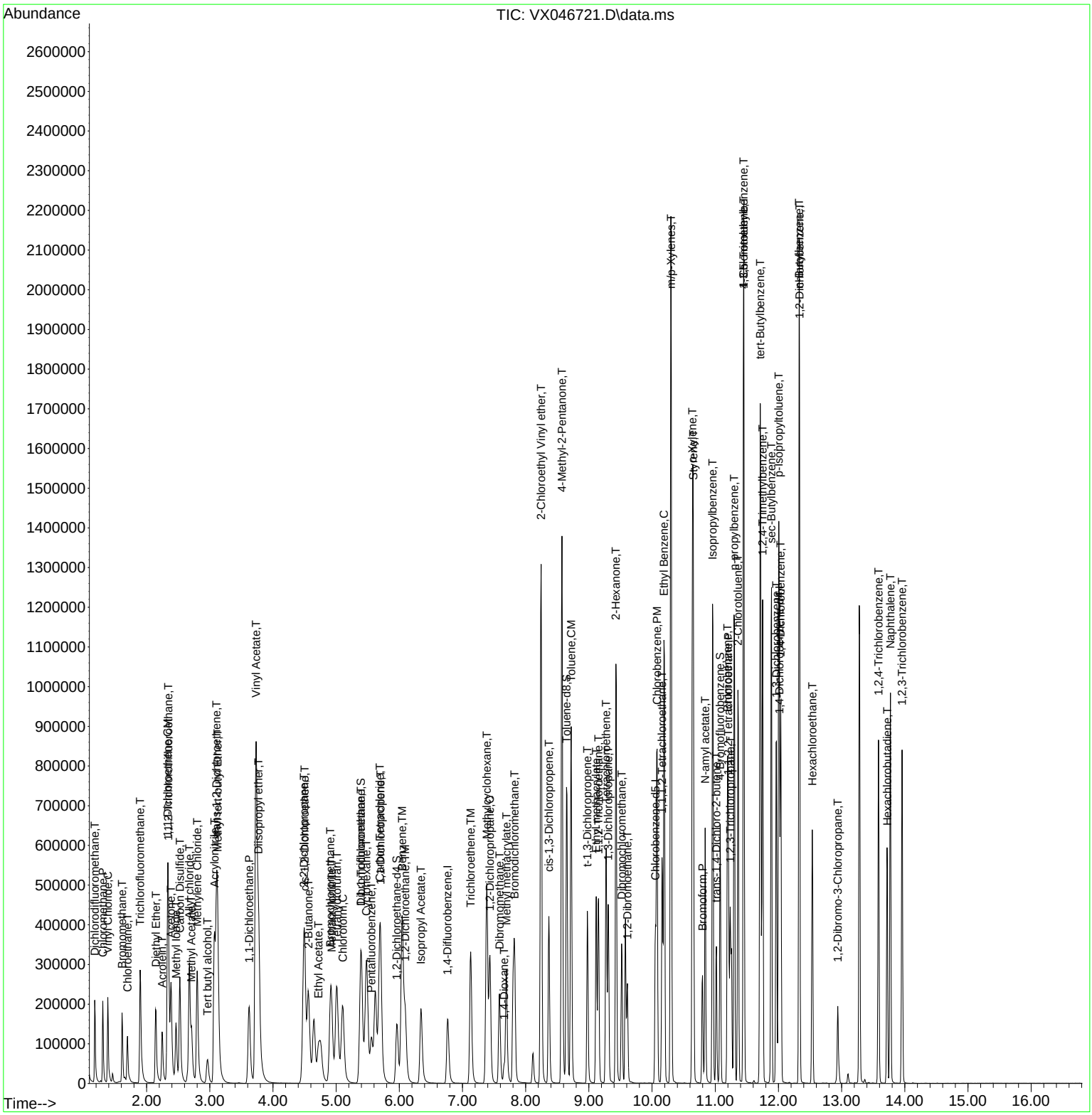
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046721.D
Acq On : 17 Jun 2025 14:41
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 18 02:40:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 02:34:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046722.D
Acq On : 17 Jun 2025 15:02
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 18 02:41:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 02:34:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	107848	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	178346	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	156970	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	75829	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	230915	154.797	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 309.600%#			
35) Dibromofluoromethane	5.397	113	187536	158.930	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 317.860%#			
50) Toluene-d8	8.653	98	660221	155.733	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 311.460%#			
62) 4-Bromofluorobenzene	11.079	95	244007	154.404	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 308.800%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.179	85	193321	167.898	ug/l	99
3) Chloromethane	1.307	50	202755	163.144	ug/l	97
4) Vinyl Chloride	1.386	62	208285	157.161	ug/l	96
5) Bromomethane	1.612	94	90708	121.652	ug/l	97
6) Chloroethane	1.691	64	123323	153.530	ug/l	96
7) Trichlorofluoromethane	1.898	101	314552	156.313	ug/l	98
8) Diethyl Ether	2.142	74	108801	157.544	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.343	101	192071	155.583	ug/l	99
10) Methyl Iodide	2.465	142	243423	148.201	ug/l	99
11) Tert butyl alcohol	2.971	59	111150	830.155	ug/l	99
12) 1,1-Dichloroethene	2.331	96	188770	158.466	ug/l	97
13) Acrolein	2.246	56	156844	804.238	ug/l	99
14) Allyl chloride	2.678	41	340117	157.583	ug/l	99
15) Acrylonitrile	3.075	53	477449	793.036	ug/l	99
16) Acetone	2.386	43	378554	760.980	ug/l	99
17) Carbon Disulfide	2.526	76	535657	148.907	ug/l	99
18) Methyl Acetate	2.715	43	209349	165.695	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	585091	157.742	ug/l	99
20) Methylene Chloride	2.800	84	201983	146.004	ug/l	99
21) trans-1,2-Dichloroethene	3.105	96	192490	151.016	ug/l	99
22) Diisopropyl ether	3.770	45	638477	153.904	ug/l	99
23) Vinyl Acetate	3.733	43	2691267	815.794	ug/l	99
24) 1,1-Dichloroethane	3.623	63	360395	153.006	ug/l	98
25) 2-Butanone	4.562	43	570672	811.132	ug/l	99
26) 2,2-Dichloropropane	4.483	77	286713	166.896	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	227788	152.112	ug/l	99
28) Bromochloromethane	4.910	49	161801	151.520	ug/l	100
29) Tetrahydrofuran	5.013	42	370760	815.879	ug/l	100
30) Chloroform	5.105	83	358782	152.312	ug/l	99
31) Cyclohexane	5.483	56	330235	147.842	ug/l	98
32) 1,1,1-Trichloroethane	5.397	97	320382	155.082	ug/l	99
36) 1,1-Dichloropropene	5.702	75	256619	150.653	ug/l	99
37) Ethyl Acetate	4.721	43	245724	156.284	ug/l	99
38) Carbon Tetrachloride	5.684	117	284066	153.668	ug/l	99
39) Methylcyclohexane	7.385	83	346118	154.413	ug/l	100
40) Benzene	6.044	78	763341	151.423	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046722.D
Acq On : 17 Jun 2025 15:02
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

Quant Time: Jun 18 02:41:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 02:34:13 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	142283	169.745	ug/l	94
42) 1,2-Dichloroethane	6.092	62	265740	150.011	ug/l	99
43) Isopropyl Acetate	6.342	43	412067	167.483	ug/l	99
44) Trichloroethene	7.129	130	195943	152.520	ug/l	99
45) 1,2-Dichloropropane	7.434	63	191181	153.025	ug/l	95
46) Dibromomethane	7.580	93	138541	154.297	ug/l	99
47) Bromodichloromethane	7.824	83	288826	157.630	ug/l	100
48) Methyl methacrylate	7.696	41	211908	171.734	ug/l	99
49) 1,4-Dioxane	7.659	88	54646	2987.386	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	1173666	799.825	ug/l	100
52) Toluene	8.720	92	471273	150.800	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	288893	169.929	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	314965	163.198	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	175973	151.099	ug/l	99
56) Ethyl methacrylate	9.116	69	288720	167.940	ug/l	99
57) 1,3-Dichloropropane	9.305	76	301418	150.290	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	754730	845.118	ug/l	100
59) 2-Hexanone	9.433	43	816655	805.005	ug/l	99
60) Dibromochloromethane	9.519	129	215347	156.904	ug/l	99
61) 1,2-Dibromoethane	9.610	107	185268	156.392	ug/l	99
64) Tetrachloroethene	9.275	164	159752	146.895	ug/l	98
65) Chlorobenzene	10.080	112	517859	149.453	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	181981	156.268	ug/l	99
67) Ethyl Benzene	10.195	91	915724	151.251	ug/l	98
68) m/p-Xylenes	10.299	106	676085	299.697	ug/l	99
69) o-Xylene	10.640	106	328782	155.514	ug/l	98
70) Styrene	10.653	104	566606	153.143	ug/l	100
71) Bromoform	10.799	173	143229	161.498	ug/l	100
73) Isopropylbenzene	10.964	105	867728	155.374	ug/l	100
74) N-amyl acetate	10.842	43	369757	174.748	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	244406	156.730	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	202926m	131.753	ug/l	
77) Bromobenzene	11.195	156	207348	154.285	ug/l	98
78) n-propylbenzene	11.305	91	1025742	154.633	ug/l	100
79) 2-Chlorotoluene	11.366	91	595555	150.373	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	707005	154.053	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	86677	176.408	ug/l	93
82) 4-Chlorotoluene	11.451	91	697556	150.915	ug/l	99
83) tert-Butylbenzene	11.713	119	735750	155.093	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	719283	155.994	ug/l	100
85) sec-Butylbenzene	11.890	105	916769	152.910	ug/l	99
86) p-Isopropyltoluene	12.006	119	771998	152.610	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	391049	149.232	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	387139	143.836	ug/l	99
89) n-Butylbenzene	12.329	91	726563	151.271	ug/l	100
90) Hexachloroethane	12.536	117	142663	161.049	ug/l	98
91) 1,2-Dichlorobenzene	12.329	146	370234	151.192	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	54014	175.448	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	263803	151.531	ug/l	97
94) Hexachlorobutadiene	13.725	225	95520	130.431	ug/l	100
95) Naphthalene	13.774	128	846206	170.609	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	262348	157.517	ug/l	98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046722.D
Acq On : 17 Jun 2025 15:02
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

Quant Time: Jun 18 02:41:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 02:34:13 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

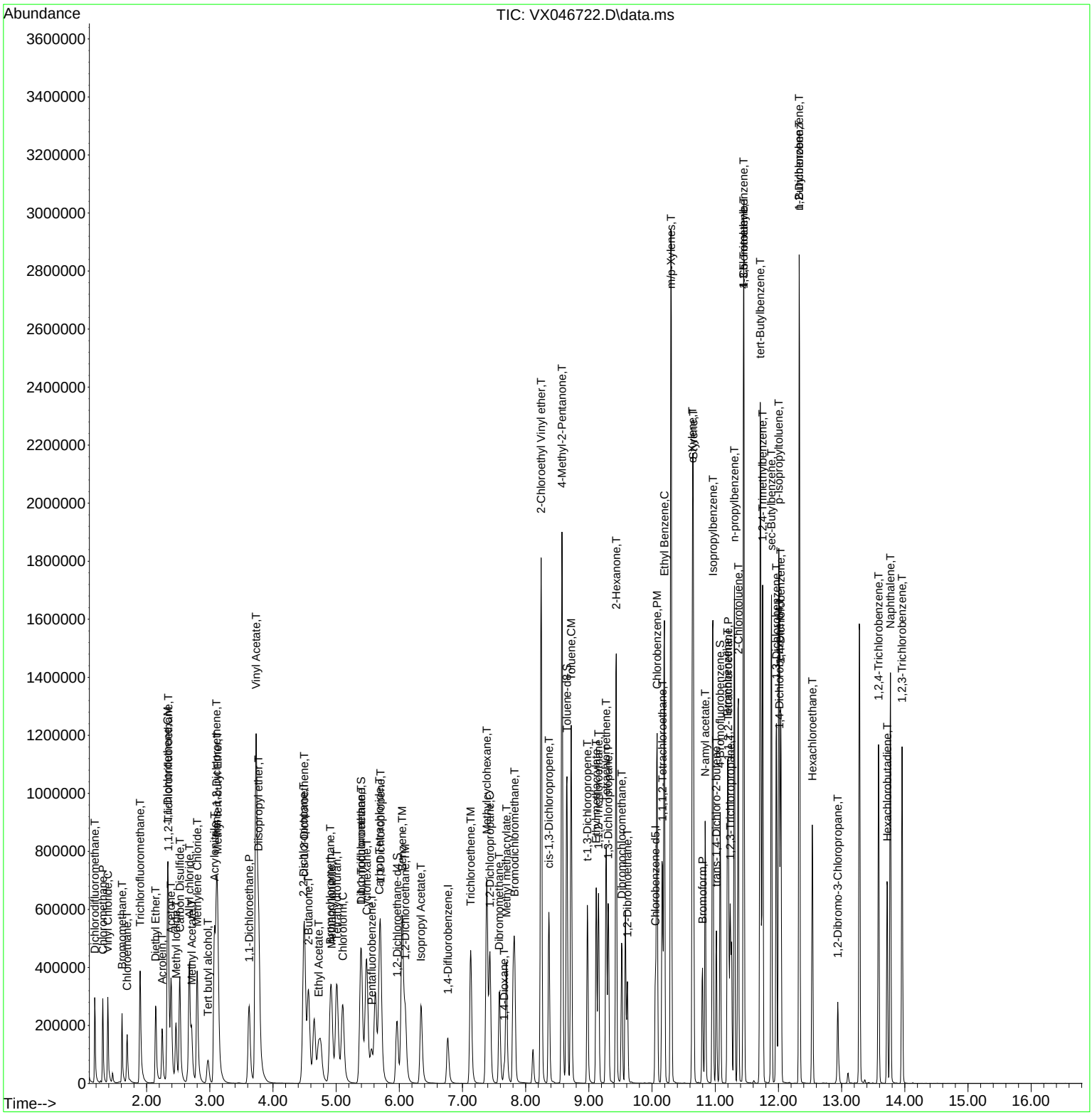
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046722.D
Acq On : 17 Jun 2025 15:02
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 18 02:41:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 02:34:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046725.D
Acq On : 17 Jun 2025 17:18
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

Quant Time: Jun 18 02:42:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 02:34:13 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	5.556	168	136219	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	6.763	114	226094	50.000	ug/l		0.00
63) Chlorobenzene-d5	10.049	117	205370	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	103593	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 74 - 125		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 86 - 113		Recovery =	0.000%#			
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l		
Spiked Amount 50.000	Range 77 - 121		Recovery =	0.000%#			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.179	85	1159	0.797	ug/l		83
3) Chloromethane	1.307	50	1322	0.842	ug/l		93
4) Vinyl Chloride	1.386	62	1419	0.848	ug/l		89
6) Chloroethane	1.703	64	905	0.892	ug/l		90
7) Trichlorofluoromethane	1.904	101	2062	0.811	ug/l		97
8) Diethyl Ether	2.148	74	722	0.828	ug/l		87
9) 1,1,2-Trichlorotrifluo...	2.343	101	1280	0.821	ug/l		99
12) 1,1-Dichloroethene	2.337	96	1228	0.816	ug/l	#	76
14) Allyl chloride	2.672	41	2386	0.875	ug/l		96
15) Acrylonitrile	3.081	53	3075	4.044	ug/l		96
16) Acetone	2.386	43	3424	5.449	ug/l	#	80
17) Carbon Disulfide	2.526	76	5092	1.121	ug/l		96
18) Methyl Acetate	2.721	43	1280	0.802	ug/l	#	87
19) Methyl tert-butyl Ether	3.129	73	3888	0.830	ug/l	#	89
20) Methylene Chloride	2.800	84	1736	0.994	ug/l		91
21) trans-1,2-Dichloroethene	3.111	96	1441	0.895	ug/l	#	81
22) Diisopropyl ether	3.770	45	4170	0.796	ug/l	#	71
23) Vinyl Acetate	3.745	43	15507	3.722	ug/l		95
24) 1,1-Dichloroethane	3.617	63	2648	0.890	ug/l	#	79
25) 2-Butanone	4.593	43	3422	3.851	ug/l		93
26) 2,2-Dichloropropane	4.489	77	1874m	0.864	ug/l		
27) cis-1,2-Dichloroethene	4.507	96	1698	0.898	ug/l		97
28) Bromochloromethane	4.922	49	1307	0.969	ug/l	#	91
29) Tetrahydrofuran	5.032	42	2212	3.854	ug/l	#	54
30) Chloroform	5.105	83	2336m	0.785	ug/l		
32) 1,1,1-Trichloroethane	5.391	97	2212	0.848	ug/l	#	50
36) 1,1-Dichloropropene	5.708	75	2016	0.934	ug/l		90
37) Ethyl Acetate	4.739	43	2002m	1.004	ug/l		
38) Carbon Tetrachloride	5.684	117	2124	0.906	ug/l		92
39) Methylcyclohexane	7.379	83	2485	0.875	ug/l		87
40) Benzene	6.044	78	5507	0.862	ug/l		97
41) Methacrylonitrile	4.965	41	857m	0.806	ug/l		
42) 1,2-Dichloroethane	6.098	62	1938	0.863	ug/l	#	75
43) Isopropyl Acetate	6.367	43	2218	0.711	ug/l	#	83
44) Trichloroethene	7.135	130	1448	0.889	ug/l		87
45) 1,2-Dichloropropane	7.434	63	1380	0.871	ug/l	#	89

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046725.D
Acq On : 17 Jun 2025 17:18
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 18 02:42:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 02:34:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) Dibromomethane	7.592	93	1030	0.905	ug/l		89
47) Bromodichloromethane	7.824	83	1825	0.786	ug/l	#	82
48) Methyl methacrylate	7.720	41	1050	0.671	ug/l	#	80
49) 1,4-Dioxane	7.671	88	56	28.694	ug/l	#	77
51) 4-Methyl-2-Pentanone	8.580	43	7273	3.910	ug/l		97
52) Toluene	8.726	92	3393	0.856	ug/l		96
53) t-1,3-Dichloropropene	8.994	75	1607	0.746	ug/l	#	87
54) cis-1,3-Dichloropropene	8.372	75	1971	0.806	ug/l	#	57
55) 1,1,2-Trichloroethane	9.153	97	1297	0.878	ug/l	#	83
56) Ethyl methacrylate	9.122	69	1477	0.678	ug/l		93
57) 1,3-Dichloropropane	9.311	76	2249	0.885	ug/l		95
58) 2-Chloroethyl Vinyl ether	8.251	63	3778	3.337	ug/l		92
59) 2-Hexanone	9.439	43	4833	3.758	ug/l		94
60) Dibromochloromethane	9.525	129	1436	0.825	ug/l		99
61) 1,2-Dibromoethane	9.610	107	1209	0.805	ug/l		90
64) Tetrachloroethene	9.275	164	1399	0.983	ug/l		95
65) Chlorobenzene	10.073	112	4127	0.910	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.159	131	1242	0.815	ug/l	#	64
67) Ethyl Benzene	10.195	91	6967	0.880	ug/l		98
68) m/p-Xylenes	10.305	106	5214	1.767	ug/l		98
69) o-Xylene	10.646	106	2045	0.739	ug/l		80
70) Styrene	10.659	104	4077	0.842	ug/l		98
71) Bromoform	10.799	173	927	0.799	ug/l	#	96
73) Isopropylbenzene	10.963	105	6314	0.828	ug/l		97
74) N-amyl acetate	10.848	43	1921	0.665	ug/l	#	85
75) 1,1,2,2-Tetrachloroethane	11.213	83	1690	0.793	ug/l		93
76) 1,2,3-Trichloropropane	11.238	75	1346m	0.640	ug/l		
77) Bromobenzene	11.201	156	1541	0.839	ug/l		95
78) n-propylbenzene	11.305	91	7545	0.833	ug/l		98
79) 2-Chlorotoluene	11.366	91	4896	0.905	ug/l		93
80) 1,3,5-Trimethylbenzene	11.451	105	5174	0.825	ug/l		94
82) 4-Chlorotoluene	11.457	91	5664	0.897	ug/l		99
83) tert-Butylbenzene	11.713	119	5507	0.850	ug/l		95
84) 1,2,4-Trimethylbenzene	11.750	105	5087	0.808	ug/l		99
85) sec-Butylbenzene	11.890	105	6839	0.835	ug/l		98
86) p-Isopropyltoluene	12.006	119	6018	0.871	ug/l		92
87) 1,3-Dichlorobenzene	11.969	146	3509	0.980	ug/l		96
88) 1,4-Dichlorobenzene	12.036	146	4003m	1.089	ug/l		
89) n-Butylbenzene	12.335	91	6186	0.943	ug/l		96
90) Hexachloroethane	12.536	117	1081	0.893	ug/l		90
91) 1,2-Dichlorobenzene	12.335	146	3024	0.904	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.951	75	277	0.659	ug/l		95
93) 1,2,4-Trichlorobenzene	13.591	180	2424	1.019	ug/l		99
94) Hexachlorobutadiene	13.725	225	1025	1.025	ug/l		97
95) Naphthalene	13.780	128	5461	0.806	ug/l		96
96) 1,2,3-Trichlorobenzene	13.963	180	1982	0.871	ug/l		96

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

ICAL Form

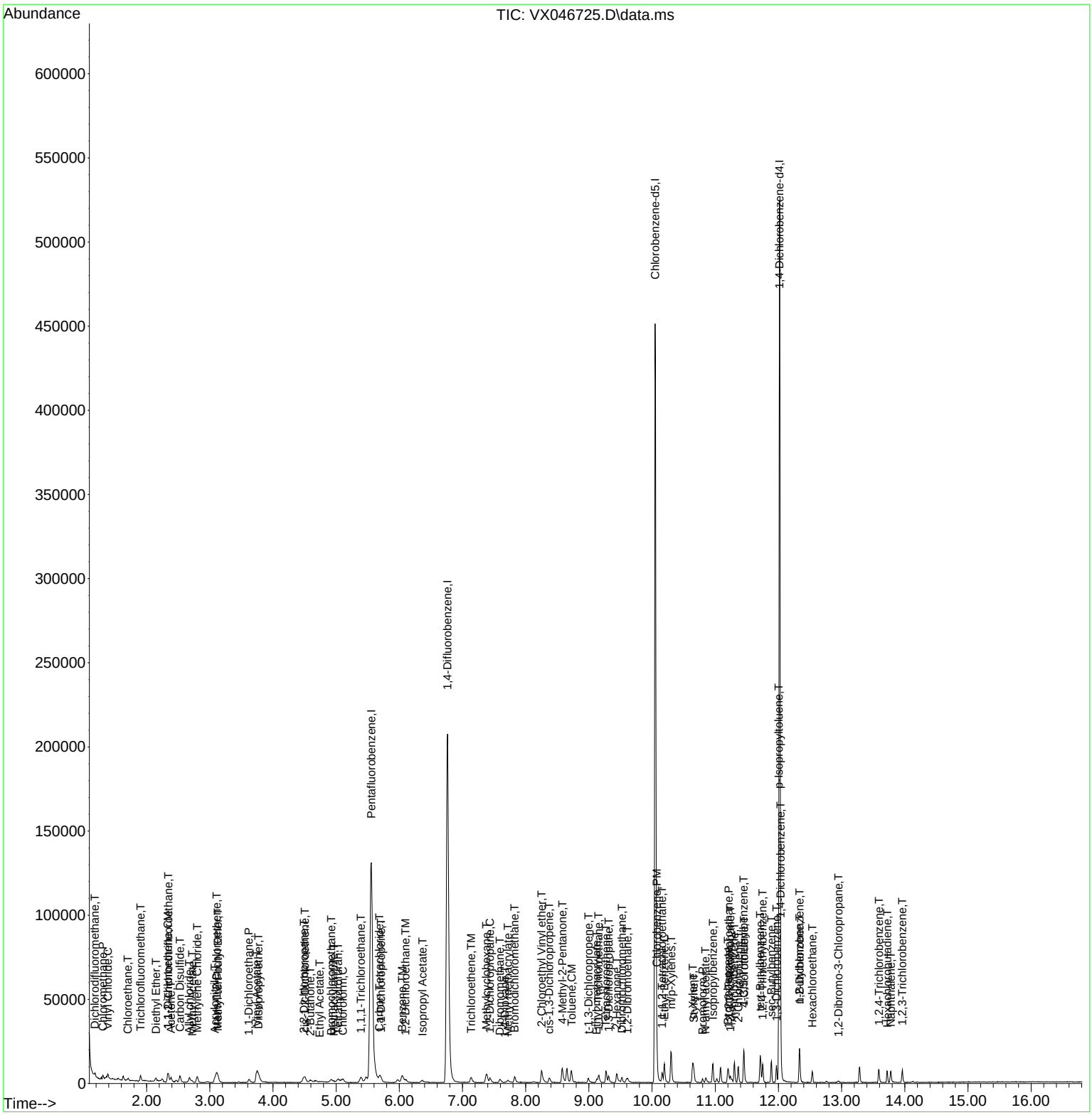
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046725.D
Acq On : 17 Jun 2025 17:18
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 18 02:42:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 02:34:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046726.D
Acq On : 17 Jun 2025 18:00
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

Quant Time: Jun 18 07:50:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	129144	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	209541	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	184761	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	91992	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	81629	45.697	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 91.400%			
35) Dibromofluoromethane	5.397	113	66647	48.072	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.140%			
50) Toluene-d8	8.647	98	236781	47.537	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 95.080%			
62) 4-Bromofluorobenzene	11.079	95	88588	47.712	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 95.420%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.179	85	75554	54.798	ug/l	100
3) Chloromethane	1.307	50	76483	51.393	ug/l	99
4) Vinyl Chloride	1.386	62	82156	51.768	ug/l	95
5) Bromomethane	1.618	94	48957	54.831	ug/l	96
6) Chloroethane	1.703	64	49931	51.911	ug/l	99
7) Trichlorofluoromethane	1.904	101	123768	51.363	ug/l	98
8) Diethyl Ether	2.148	74	42437	51.316	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.343	101	75525	51.089	ug/l	99
10) Methyl Iodide	2.465	142	84139	45.861	ug/l	99
11) Tert butyl alcohol	2.959	59	40385	251.888	ug/l	100
12) 1,1-Dichloroethene	2.337	96	74097	51.945	ug/l	99
13) Acrolein	2.246	56	59544	254.972	ug/l	99
14) Allyl chloride	2.678	41	131610	50.922	ug/l	99
15) Acrylonitrile	3.075	53	187601	260.219	ug/l	98
16) Acetone	2.386	43	146745	246.347	ug/l	98
17) Carbon Disulfide	2.526	76	205516	47.710	ug/l	98
18) Methyl Acetate	2.715	43	80049	52.909	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	226557	51.008	ug/l	99
20) Methylene Chloride	2.800	84	80668	48.696	ug/l	99
21) trans-1,2-Dichloroethene	3.105	96	76889	50.375	ug/l	98
22) Diisopropyl ether	3.770	45	257775	51.890	ug/l	99
23) Vinyl Acetate	3.733	43	1044679	264.451	ug/l	100
24) 1,1-Dichloroethane	3.623	63	142442	50.502	ug/l	99
25) 2-Butanone	4.562	43	222870	264.542	ug/l	98
26) 2,2-Dichloropropane	4.483	77	104151	50.629	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	89665	50.003	ug/l	99
28) Bromochloromethane	4.904	49	64330	50.308	ug/l	99
29) Tetrahydrofuran	5.013	42	143570	263.836	ug/l	99
30) Chloroform	5.105	83	144108	51.089	ug/l	98
31) Cyclohexane	5.483	56	132301	49.462	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	123796	50.042	ug/l	99
36) 1,1-Dichloropropene	5.702	75	100241	50.088	ug/l	99
37) Ethyl Acetate	4.721	43	94953	51.401	ug/l	99
38) Carbon Tetrachloride	5.690	117	109471	50.403	ug/l	98
39) Methylcyclohexane	7.385	83	132086	50.155	ug/l	97
40) Benzene	6.044	78	304346	51.385	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046726.D
Acq On : 17 Jun 2025 18:00
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

Quant Time: Jun 18 07:50:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.928	41	54501	55.341	ug/l		97
42) 1,2-Dichloroethane	6.099	62	106085	50.970	ug/l		99
43) Isopropyl Acetate	6.342	43	155773	53.888	ug/l		99
44) Trichloroethene	7.129	130	76981	51.000	ug/l		97
45) 1,2-Dichloropropane	7.434	63	74773	50.940	ug/l		94
46) Dibromomethane	7.586	93	54149	51.329	ug/l		100
47) Bromodichloromethane	7.824	83	110823	51.479	ug/l		100
48) Methyl methacrylate	7.696	41	79868	55.091	ug/l		99
49) 1,4-Dioxane	7.659	88	20314	964.253	ug/l		97
51) 4-Methyl-2-Pentanone	8.574	43	470527	272.916	ug/l		99
52) Toluene	8.720	92	188131	51.237	ug/l		99
53) t-1,3-Dichloropropene	8.976	75	105435	52.785	ug/l		99
54) cis-1,3-Dichloropropene	8.366	75	117487	51.813	ug/l		97
55) 1,1,2-Trichloroethane	9.153	97	70739	51.698	ug/l		99
56) Ethyl methacrylate	9.116	69	109612	54.266	ug/l		100
57) 1,3-Dichloropropane	9.305	76	121649	51.625	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.244	63	293709	279.922	ug/l		100
59) 2-Hexanone	9.427	43	326564	273.982	ug/l		99
60) Dibromochloromethane	9.519	129	82234	50.997	ug/l		99
61) 1,2-Dibromoethane	9.610	107	72749	52.268	ug/l		98
64) Tetrachloroethene	9.275	164	62943	49.172	ug/l		98
65) Chlorobenzene	10.079	112	203947	50.006	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.159	131	69709	50.856	ug/l		99
67) Ethyl Benzene	10.195	91	359779	50.487	ug/l		98
68) m/p-Xylenes	10.299	106	272935	102.789	ug/l		99
69) o-Xylene	10.640	106	130980	52.635	ug/l		97
70) Styrene	10.653	104	227060	52.139	ug/l		100
71) Bromoform	10.799	173	53660	51.404	ug/l	#	100
73) Isopropylbenzene	10.957	105	346098	51.083	ug/l		100
74) N-amyl acetate	10.842	43	138890	54.107	ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.207	83	98960	52.310	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	81355m	48.286	ug/l		
77) Bromobenzene	11.195	156	82515	50.611	ug/l		99
78) n-propylbenzene	11.305	91	412345	51.240	ug/l		100
79) 2-Chlorotoluene	11.360	91	239904	49.931	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	288104	51.746	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	29929	50.210	ug/l		99
82) 4-Chlorotoluene	11.451	91	280848	50.085	ug/l		98
83) tert-Butylbenzene	11.713	119	287513	49.958	ug/l		98
84) 1,2,4-Trimethylbenzene	11.750	105	286365	51.193	ug/l		99
85) sec-Butylbenzene	11.890	105	371523	51.079	ug/l		100
86) p-Isopropyltoluene	12.006	119	311698	50.791	ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	154181	48.501	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	153158	46.906	ug/l		100
89) n-Butylbenzene	12.329	91	296174	50.829	ug/l		100
90) Hexachloroethane	12.536	117	52831	49.161	ug/l		98
91) 1,2-Dichlorobenzene	12.335	146	147561	49.672	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	19851	53.151	ug/l		97
93) 1,2,4-Trichlorobenzene	13.585	180	104267	49.369	ug/l		99
94) Hexachlorobutadiene	13.719	225	45958	51.729	ug/l		98
95) Naphthalene	13.774	128	315669	52.462	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	103451	51.200	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046726.D
Acq On : 17 Jun 2025 18:00
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025

Quant Time: Jun 18 07:50:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 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\VX061725\
Data File : VX046726.D
Acq On : 17 Jun 2025 18:00
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

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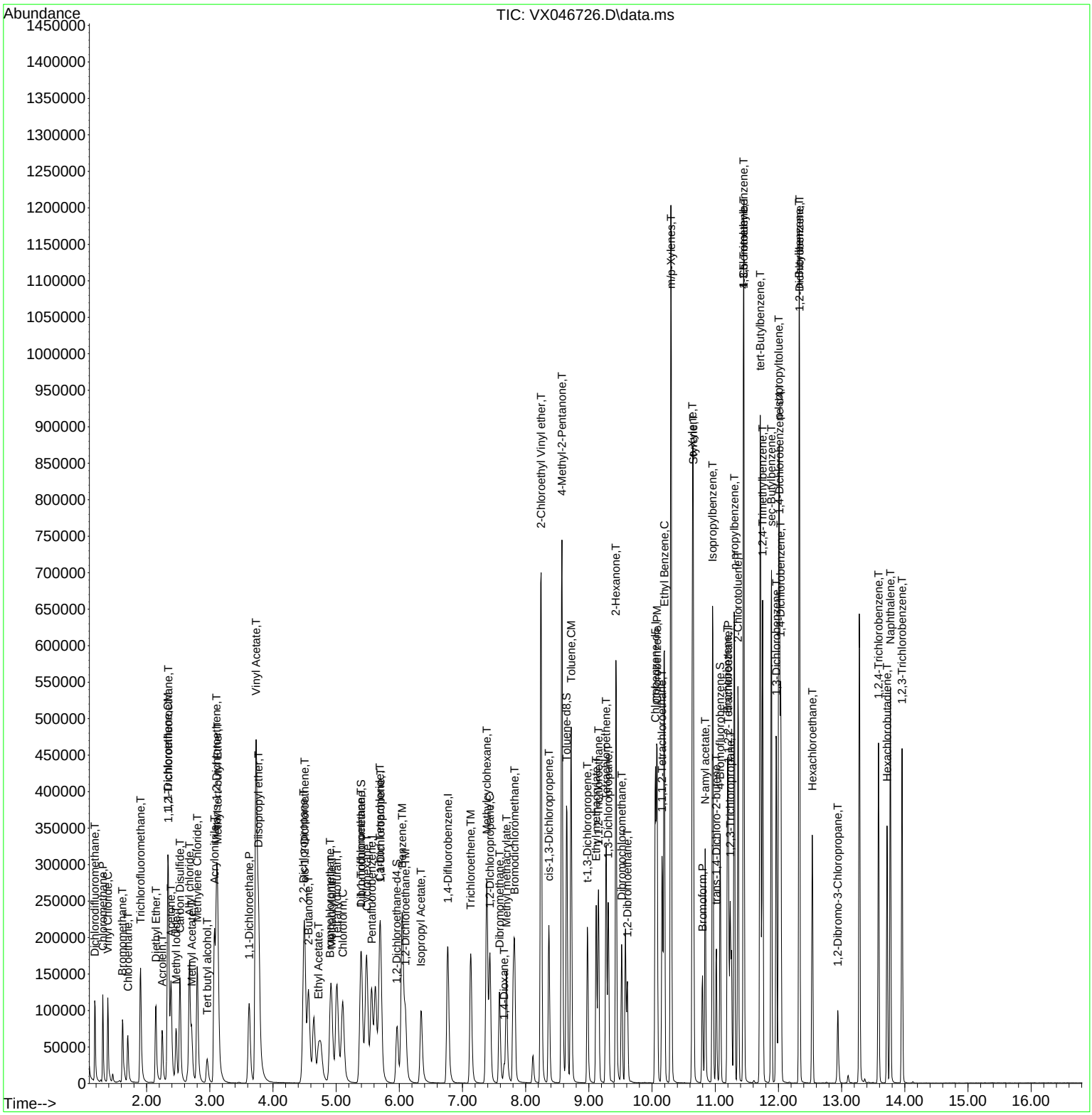
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/18/2025
Supervised By :Mahesh Dadoda 06/18/2025



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046726.D
Acq On : 17 Jun 2025 18:00
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

Quant Time: Jun 18 07:50:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 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	105	0.00
2	T	Dichlorodifluoromethane	0.534	0.585	-9.6	105	0.00
3	P	Chloromethane	0.576	0.592	-2.8	105	0.00
4	C	Vinyl Chloride	0.614	0.636	-3.6#	105	0.00
5	T	Bromomethane	0.346	0.379	-9.5	108	0.00
6	T	Chloroethane	0.372	0.387	-4.0	107	0.00
7	T	Trichlorofluoromethane	0.933	0.958	-2.7	104	0.00
8	T	Diethyl Ether	0.320	0.329	-2.8	107	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.572	0.585	-2.3	106	0.00
10	T	Methyl Iodide	0.642	0.652	-1.6	104	0.00
11	T	Tert butyl alcohol	0.062	0.063	-1.6	106	0.00
12	CM	1,1-Dichloroethene	0.552	0.574	-4.0#	106	0.00
13	T	Acrolein	0.090	0.092	-2.2	111	0.00
14	T	Allyl chloride	1.001	1.019	-1.8	107	0.00
15	T	Acrylonitrile	0.279	0.291	-4.3	107	0.00
16	T	Acetone	0.231	0.227	1.7	108	0.00
17	T	Carbon Disulfide	1.668	1.591	4.6	104	0.00
18	T	Methyl Acetate	0.586	0.620	-5.8	112	0.00
19	T	Methyl tert-butyl Ether	1.720	1.754	-2.0	105	0.00
20	T	Methylene Chloride	0.641	0.625	2.5	107	0.00
21	T	trans-1,2-Dichloroethene	0.591	0.595	-0.7	106	0.00
22	T	Diisopropyl ether	1.923	1.996	-3.8	106	0.00
23	T	Vinyl Acetate	1.529	1.618	-5.8	106	0.00
24	P	1,1-Dichloroethane	1.092	1.103	-1.0	106	0.00
25	T	2-Butanone	0.326	0.345	-5.8	107	0.00
26	T	2,2-Dichloropropane	0.796	0.806	-1.3	111	0.00
27	T	cis-1,2-Dichloroethene	0.694	0.694	0.0	106	0.00
28	T	Bromochloromethane	0.495	0.498	-0.6	107	0.00
29	T	Tetrahydrofuran	0.211	0.222	-5.2	107	0.00
30	C	Chloroform	1.092	1.116	-2.2#	105	0.00
31	T	Cyclohexane	1.036	1.024	1.2	106	0.00
32	T	1,1,1-Trichloroethane	0.958	0.959	-0.1	105	0.00
33	S	1,2-Dichloroethane-d4	0.692	0.632	8.7	102	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	103	0.00
35	S	Dibromofluoromethane	0.331	0.318	3.9	102	0.00
36	T	1,1-Dichloropropene	0.478	0.478	0.0	103	0.00
37	T	Ethyl Acetate	0.441	0.453	-2.7	108	0.00
38	T	Carbon Tetrachloride	0.518	0.522	-0.8	104	0.00
39	T	Methylcyclohexane	0.628	0.630	-0.3	103	0.00
40	TM	Benzene	1.413	1.452	-2.8	105	0.00
41	T	Methacrylonitrile	0.235	0.260	-10.6	112	0.00
42	TM	1,2-Dichloroethane	0.497	0.506	-1.8	105	0.00
43	T	Isopropyl Acetate	0.690	0.743	-7.7	106	0.00
44	TM	Trichloroethene	0.360	0.367	-1.9	106	0.00
45	C	1,2-Dichloropropane	0.350	0.357	-2.0#	106	0.00
46	T	Dibromomethane	0.252	0.258	-2.4	106	0.00
47	T	Bromodichloromethane	0.514	0.529	-2.9	104	0.00
48	T	Methyl methacrylate	0.346	0.381	-10.1	105	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046726.D
Acq On : 17 Jun 2025 18:00
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

Quant Time: Jun 18 07:50:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 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	103	0.00
50	S	Toluene-d8	1.189	1.130	5.0	101	0.00
51	T	4-Methyl-2-Pentanone	0.411	0.449	-9.2	108	0.00
52	CM	Toluene	0.876	0.898	-2.5#	104	0.00
53	T	t-1,3-Dichloropropene	0.477	0.503	-5.5	106	0.00
54	T	cis-1,3-Dichloropropene	0.541	0.561	-3.7	105	0.00
55	T	1,1,2-Trichloroethane	0.327	0.338	-3.4	106	0.00
56	T	Ethyl methacrylate	0.482	0.523	-8.5	106	0.00
57	T	1,3-Dichloropropane	0.562	0.581	-3.4	106	0.00
58	T	2-Chloroethyl Vinyl ether	0.250	0.280	-12.0	102	0.00
59	T	2-Hexanone	0.284	0.312	-9.9	108	0.00
60	T	Dibromochloromethane	0.385	0.392	-1.8	104	0.00
61	T	1,2-Dibromoethane	0.332	0.347	-4.5	106	0.00
62	S	4-Bromofluorobenzene	0.443	0.423	4.5	102	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	103	0.00
64	T	Tetrachloroethene	0.346	0.341	1.4	103	0.00
65	PM	Chlorobenzene	1.104	1.104	0.0	104	0.00
66	T	1,1,1,2-Tetrachloroethane	0.371	0.377	-1.6	104	0.00
67	C	Ethyl Benzene	1.929	1.947	-0.9#	104	0.00
68	T	m/p-Xylenes	0.719	0.739	-2.8	105	0.00
69	T	o-Xylene	0.673	0.709	-5.3	106	0.00
70	T	Styrene	1.179	1.229	-4.2	105	0.00
71	P	Bromoform	0.282	0.290	-2.8	104	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	103	0.00
73	T	Isopropylbenzene	3.682	3.762	-2.2	104	0.00
74	T	N-amyl acetate	1.395	1.510	-8.2	106	0.00
75	P	1,1,2,2-Tetrachloroethane	1.028	1.076	-4.7	107	0.00
76	T	1,2,3-Trichloropropane	0.916	0.884	3.5	92	0.00
77	T	Bromobenzene	0.886	0.897	-1.2	104	0.00
78	T	n-propylbenzene	4.374	4.482	-2.5	105	0.00
79	T	2-Chlorotoluene	2.611	2.608	0.1	104	0.00
80	T	1,3,5-Trimethylbenzene	3.026	3.132	-3.5	105	0.00
81	T	trans-1,4-Dichloro-2-butene	0.324	0.325	-0.3	108	0.00
82	T	4-Chlorotoluene	3.048	3.053	-0.2	104	0.00
83	T	tert-Butylbenzene	3.128	3.125	0.1	103	0.00
84	T	1,2,4-Trimethylbenzene	3.040	3.113	-2.4	105	0.00
85	T	sec-Butylbenzene	3.953	4.039	-2.2	104	0.00
86	T	p-Isopropyltoluene	3.336	3.388	-1.6	105	0.00
87	T	1,3-Dichlorobenzene	1.728	1.676	3.0	103	0.00
88	T	1,4-Dichlorobenzene	1.775	1.665	6.2	104	0.00
89	T	n-Butylbenzene	3.167	3.220	-1.7	105	0.00
90	T	Hexachloroethane	0.584	0.574	1.7	102	0.00
91	T	1,2-Dichlorobenzene	1.615	1.604	0.7	104	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.203	0.216	-6.4	106	0.00
93	T	1,2,4-Trichlorobenzene	1.148	1.133	1.3	104	0.00
94	T	Hexachlorobutadiene	0.483	0.500	-3.5	108	0.00
95	T	Naphthalene	3.270	3.431	-4.9	106	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046726.D
Acq On : 17 Jun 2025 18:00
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

Quant Time: Jun 18 07:50:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	1.098	1.125	-2.5	107	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\VX061725\
Data File : VX046726.D
Acq On : 17 Jun 2025 18:00
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

Quant Time: Jun 18 07:50:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 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	105	0.00
2	T	Dichlorodifluoromethane	50.000	54.798	-9.6	105	0.00
3	P	Chloromethane	50.000	51.393	-2.8	105	0.00
4	C	Vinyl Chloride	50.000	51.768	-3.5#	105	0.00
5	T	Bromomethane	50.000	54.831	-9.7	108	0.00
6	T	Chloroethane	50.000	51.911	-3.8	107	0.00
7	T	Trichlorofluoromethane	50.000	51.363	-2.7	104	0.00
8	T	Diethyl Ether	50.000	51.316	-2.6	107	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	51.089	-2.2	106	0.00
10	T	Methyl Iodide	50.000	45.861	8.3	104	0.00
11	T	Tert butyl alcohol	250.000	251.888	-0.8	106	0.00
12	CM	1,1-Dichloroethene	50.000	51.945	-3.9#	106	0.00
13	T	Acrolein	250.000	254.972	-2.0	111	0.00
14	T	Allyl chloride	50.000	50.922	-1.8	107	0.00
15	T	Acrylonitrile	250.000	260.219	-4.1	107	0.00
16	T	Acetone	250.000	246.347	1.5	108	0.00
17	T	Carbon Disulfide	50.000	47.710	4.6	104	0.00
18	T	Methyl Acetate	50.000	52.909	-5.8	112	0.00
19	T	Methyl tert-butyl Ether	50.000	51.008	-2.0	105	0.00
20	T	Methylene Chloride	50.000	48.696	2.6	107	0.00
21	T	trans-1,2-Dichloroethene	50.000	50.375	-0.8	106	0.00
22	T	Diisopropyl ether	50.000	51.890	-3.8	106	0.00
23	T	Vinyl Acetate	250.000	264.451	-5.8	106	0.00
24	P	1,1-Dichloroethane	50.000	50.502	-1.0	106	0.00
25	T	2-Butanone	250.000	264.542	-5.8	107	0.00
26	T	2,2-Dichloropropane	50.000	50.629	-1.3	111	0.00
27	T	cis-1,2-Dichloroethene	50.000	50.003	-0.0	106	0.00
28	T	Bromochloromethane	50.000	50.308	-0.6	107	0.00
29	T	Tetrahydrofuran	250.000	263.836	-5.5	107	0.00
30	C	Chloroform	50.000	51.089	-2.2#	105	0.00
31	T	Cyclohexane	50.000	49.462	1.1	106	0.00
32	T	1,1,1-Trichloroethane	50.000	50.042	-0.1	105	0.00
33	S	1,2-Dichloroethane-d4	50.000	45.697	8.6	102	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	103	0.00
35	S	Dibromofluoromethane	50.000	48.072	3.9	102	0.00
36	T	1,1-Dichloropropene	50.000	50.088	-0.2	103	0.00
37	T	Ethyl Acetate	50.000	51.401	-2.8	108	0.00
38	T	Carbon Tetrachloride	50.000	50.403	-0.8	104	0.00
39	T	Methylcyclohexane	50.000	50.155	-0.3	103	0.00
40	TM	Benzene	50.000	51.385	-2.8	105	0.00
41	T	Methacrylonitrile	50.000	55.341	-10.7	112	0.00
42	TM	1,2-Dichloroethane	50.000	50.970	-1.9	105	0.00
43	T	Isopropyl Acetate	50.000	53.888	-7.8	106	0.00
44	TM	Trichloroethene	50.000	51.000	-2.0	106	0.00
45	C	1,2-Dichloropropane	50.000	50.940	-1.9#	106	0.00
46	T	Dibromomethane	50.000	51.329	-2.7	106	0.00
47	T	Bromodichloromethane	50.000	51.479	-3.0	104	0.00
48	T	Methyl methacrylate	50.000	55.091	-10.2	105	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046726.D
Acq On : 17 Jun 2025 18:00
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

Quant Time: Jun 18 07:50:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 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	964.253	3.6	103	0.00
50	S	Toluene-d8	50.000	47.537	4.9	101	0.00
51	T	4-Methyl-2-Pentanone	250.000	272.916	-9.2	108	0.00
52	CM	Toluene	50.000	51.237	-2.5#	104	0.00
53	T	t-1,3-Dichloropropene	50.000	52.785	-5.6	106	0.00
54	T	cis-1,3-Dichloropropene	50.000	51.813	-3.6	105	0.00
55	T	1,1,2-Trichloroethane	50.000	51.698	-3.4	106	0.00
56	T	Ethyl methacrylate	50.000	54.266	-8.5	106	0.00
57	T	1,3-Dichloropropane	50.000	51.625	-3.3	106	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	279.922	-12.0	102	0.00
59	T	2-Hexanone	250.000	273.982	-9.6	108	0.00
60	T	Dibromochloromethane	50.000	50.997	-2.0	104	0.00
61	T	1,2-Dibromoethane	50.000	52.268	-4.5	106	0.00
62	S	4-Bromofluorobenzene	50.000	47.712	4.6	102	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	103	0.00
64	T	Tetrachloroethene	50.000	49.172	1.7	103	0.00
65	PM	Chlorobenzene	50.000	50.006	-0.0	104	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	50.856	-1.7	104	0.00
67	C	Ethyl Benzene	50.000	50.487	-1.0#	104	0.00
68	T	m/p-Xylenes	100.000	102.789	-2.8	105	0.00
69	T	o-Xylene	50.000	52.635	-5.3	106	0.00
70	T	Styrene	50.000	52.139	-4.3	105	0.00
71	P	Bromoform	50.000	51.404	-2.8	104	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	103	0.00
73	T	Isopropylbenzene	50.000	51.083	-2.2	104	0.00
74	T	N-amyl acetate	50.000	54.107	-8.2	106	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	52.310	-4.6	107	0.00
76	T	1,2,3-Trichloropropane	50.000	48.286	3.4	92	0.00
77	T	Bromobenzene	50.000	50.611	-1.2	104	0.00
78	T	n-propylbenzene	50.000	51.240	-2.5	105	0.00
79	T	2-Chlorotoluene	50.000	49.931	0.1	104	0.00
80	T	1,3,5-Trimethylbenzene	50.000	51.746	-3.5	105	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	50.210	-0.4	108	0.00
82	T	4-Chlorotoluene	50.000	50.085	-0.2	104	0.00
83	T	tert-Butylbenzene	50.000	49.958	0.1	103	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.193	-2.4	105	0.00
85	T	sec-Butylbenzene	50.000	51.079	-2.2	104	0.00
86	T	p-Isopropyltoluene	50.000	50.791	-1.6	105	0.00
87	T	1,3-Dichlorobenzene	50.000	48.501	3.0	103	0.00
88	T	1,4-Dichlorobenzene	50.000	46.906	6.2	104	0.00
89	T	n-Butylbenzene	50.000	50.829	-1.7	105	0.00
90	T	Hexachloroethane	50.000	49.161	1.7	102	0.00
91	T	1,2-Dichlorobenzene	50.000	49.672	0.7	104	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	53.151	-6.3	106	0.00
93	T	1,2,4-Trichlorobenzene	50.000	49.369	1.3	104	0.00
94	T	Hexachlorobutadiene	50.000	51.729	-3.5	108	0.00
95	T	Naphthalene	50.000	52.462	-4.9	106	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046726.D
Acq On : 17 Jun 2025 18:00
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX061725

Quant Time: Jun 18 07:50:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 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	51.200	-2.4	107	0.00

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

Raw Data: **VX046784.D**

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CHEM02

Lab Code: CHEM Case No.: Q2378 SAS No.: Q2378 SDG No.: Q2378

Instrument ID: MSVOA_X Calibration Date/Time: 06/20/2025 15:49

Lab File ID: VX046784.D Init. Calib. Date(s): 06/17/2025 06/17/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 11:19 17:18

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.534	0.522		-2.25	20
Chloromethane	0.576	0.619	0.1	7.47	20
Vinyl Chloride	0.614	0.624		1.63	20
Ethyl Acetate	0.441	0.411		-6.8	20
Bromomethane	0.346	0.421		21.68	20
Chloroethane	0.372	0.400		7.53	20
Trichlorofluoromethane	0.933	0.918		-1.61	20
1,1,2-Trichlorotrifluoroethane	0.572	0.570		-0.35	20
Tert butyl alcohol	0.062	0.051		-17.74	20
1,1-Dichloroethene	0.552	0.576		4.35	20
Acrolein	0.090	0.120		33.33	20
Acrylonitrile	0.279	0.292		4.66	20
Acetone	0.231	0.209		-9.52	20
Carbon Disulfide	1.668	1.587		-4.86	20
Methyl tert-butyl Ether	1.720	1.893		10.06	20
Methyl Acetate	0.586	0.619		5.63	20
Methylene Chloride	0.641	0.703		9.67	20
trans-1,2-Dichloroethene	0.591	0.626		5.92	20
Vinyl Acetate	1.529	1.750		14.45	20
1,1-Dichloroethane	1.092	1.209	0.1	10.71	20
Cyclohexane	1.036	1.010		-2.51	20
2-Butanone	0.326	0.319		-2.15	20
Carbon Tetrachloride	0.518	0.498		-3.86	20
2,2-Dichloropropane	0.796	0.849		6.66	20
cis-1,2-Dichloroethene	0.694	0.778		12.1	20
Bromochloromethane	0.495	0.590		19.19	20
Chloroform	1.092	1.243		13.83	20
1,1,1-Trichloroethane	0.958	0.996		3.97	20
Methylcyclohexane	0.628	0.595		-5.26	20
1,1-Dichloropropene	0.478	0.464		-2.93	20
Benzene	1.413	1.513		7.08	20
1,2-Dichloroethane	0.497	0.538		8.25	20
Trichloroethene	0.360	0.368		2.22	20
1,2-Dichloropropane	0.350	0.387		10.57	20
Dibromomethane	0.252	0.277		9.92	20
Bromodichloromethane	0.514	0.577		12.26	20
4-Methyl-2-Pentanone	0.411	0.408		-0.73	20
Toluene	0.876	0.939		7.19	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: **VX046784.D**

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CHEM02

Lab Code: CHEM Case No.: Q2378 SAS No.: Q2378 SDG No.: Q2378

Instrument ID: MSVOA_X Calibration Date/Time: 06/20/2025 15:49

Lab File ID: VX046784.D Init. Calib. Date(s): 06/17/2025 06/17/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 11:19 17:18

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
t-1,3-Dichloropropene	0.477	0.545		14.26	20
cis-1,3-Dichloropropene	0.541	0.622		14.97	20
1,1,2-Trichloroethane	0.327	0.363		11.01	20
1,3-Dichloropropane	0.562	0.627		11.57	20
2-Chloroethyl Vinyl ether	0.250	0.290		16	20
2-Hexanone	0.284	0.273		-3.87	20
Dibromochloromethane	0.385	0.436		13.25	20
1,2-Dibromoethane	0.332	0.365		9.94	20
Tetrachloroethene	0.346	0.331		-4.34	20
Chlorobenzene	1.104	1.153	0.3	4.44	20
1,1,1,2-Tetrachloroethane	0.371	0.398		7.28	20
Hexachloroethane	0.584	0.571		-2.23	20
Ethyl Benzene	1.929	1.964		1.81	20
m/p-Xylenes	0.719	0.734		2.09	20
o-Xylene	0.673	0.720		6.98	20
Styrene	1.179	1.275		8.14	20
Bromoform	0.282	0.296	0.1	4.97	20
Isopropylbenzene	3.682	3.691		0.24	20
1,1,2,2-Tetrachloroethane	1.028	1.041	0.3	1.26	20
1,2,3-Trichloropropane	0.916	0.843		-7.97	20
Bromobenzene	0.886	0.947		6.89	20
n-propylbenzene	4.374	4.410		0.82	20
2-Chlorotoluene	2.611	2.673		2.38	20
1,3,5-Trimethylbenzene	3.026	3.093		2.21	20
4-Chlorotoluene	3.048	3.129		2.66	20
tert-Butylbenzene	3.128	3.125		-0.1	20
1,2,4-Trimethylbenzene	3.040	3.163		4.05	20
sec-Butylbenzene	3.953	3.912		-1.04	20
p-Isopropyltoluene	3.336	3.316		-0.6	20
1,3-Dichlorobenzene	1.728	1.747		1.1	20
1,4-Dichlorobenzene	1.775	1.771		-0.22	20
n-Butylbenzene	3.167	3.143		-0.76	20
1,2-Dichlorobenzene	1.615	1.709		5.82	20
1,2-Dibromo-3-Chloropropane	0.203	0.190		-6.4	20
1,2,4-Trichlorobenzene	1.148	1.187		3.4	20
Hexachlorobutadiene	0.483	0.459		-4.97	20
Naphthalene	3.270	3.299		0.89	20
1,2,3-Trichlorobenzene	1.098	1.160		5.65	20

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

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CHEM02

Lab Code: CHEM Case No.: Q2378 SAS No.: Q2378 SDG No.: Q2378

Instrument ID: MSVOA_X Calibration Date/Time: 06/20/2025 15:49

Lab File ID: VX046784.D Init. Calib. Date(s): 06/17/2025 06/17/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 11:19 17:18

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
1,2-Dichloroethane-d4	0.692	0.770		11.27	20
Dibromofluoromethane	0.331	0.374		12.99	20
Toluene-d8	1.189	1.290		8.49	20
4-Bromofluorobenzene	0.443	0.504		13.77	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\VX062025\
Data File : VX046784.D
Acq On : 20 Jun 2025 15:49
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 21 00:08:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	109489	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	188382	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	172502	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	86497	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	84350	55.698	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.400%			
35) Dibromofluoromethane	5.385	113	70506	56.568	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery = 113.140%			
50) Toluene-d8	8.646	98	242926	54.249	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.500%			
62) 4-Bromofluorobenzene	11.079	95	94952	56.883	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 113.760%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.178	85	57192	48.926	ug/l	98
3) Chloromethane	1.306	50	67752	53.699	ug/l	99
4) Vinyl Chloride	1.386	62	68360	50.808	ug/l	96
5) Bromomethane	1.623	94	46089	60.885	ug/l	95
6) Chloroethane	1.703	64	43798	53.709	ug/l	97
7) Trichlorofluoromethane	1.904	101	100490	49.189	ug/l	99
8) Diethyl Ether	2.141	74	41300	58.906	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.343	101	62418	49.803	ug/l	99
10) Methyl Iodide	2.465	142	85496	54.106	ug/l	99
11) Tert butyl alcohol	2.952	59	28059	206.426	ug/l	99
12) 1,1-Dichloroethene	2.337	96	63067	52.149	ug/l	99
13) Acrolein	2.245	56	65702	331.846	ug/l	99
14) Allyl chloride	2.678	41	119905	54.722	ug/l	98
15) Acrylonitrile	3.068	53	159995	261.766	ug/l	100
16) Acetone	2.385	43	114280	226.286	ug/l	97
17) Carbon Disulfide	2.526	76	173802	47.591	ug/l	97
18) Methyl Acetate	2.708	43	67797	52.856	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	207209	55.027	ug/l	99
20) Methylene Chloride	2.800	84	76929	54.775	ug/l	99
21) trans-1,2-Dichloroethene	3.105	96	68555	52.978	ug/l	97
22) Diisopropyl ether	3.763	45	250328	59.437	ug/l	97
23) Vinyl Acetate	3.727	43	957781	285.977	ug/l	100
24) 1,1-Dichloroethane	3.623	63	132373	55.357	ug/l	97
25) 2-Butanone	4.556	43	174739	244.645	ug/l	99
26) 2,2-Dichloropropane	4.483	77	92994	53.321	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	85198	56.041	ug/l	99
28) Bromochloromethane	4.903	49	64604	59.592	ug/l	99
29) Tetrahydrofuran	5.001	42	114926	249.111	ug/l	99
30) Chloroform	5.098	83	136144	56.930	ug/l	98
31) Cyclohexane	5.476	56	110553	48.751	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	109010	51.976	ug/l	99
36) 1,1-Dichloropropene	5.696	75	87388	48.570	ug/l	98
37) Ethyl Acetate	4.714	43	77418	46.616	ug/l	97
38) Carbon Tetrachloride	5.684	117	93758	48.017	ug/l	99
39) Methylcyclohexane	7.378	83	112164	47.374	ug/l	100
40) Benzene	6.043	78	285074	53.537	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062025\
Data File : VX046784.D
Acq On : 20 Jun 2025 15:49
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 21 00:08:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.921	41	47402	53.538	ug/l		95
42) 1,2-Dichloroethane	6.086	62	101424	54.204	ug/l		98
43) Isopropyl Acetate	6.342	43	131047	50.426	ug/l		99
44) Trichloroethene	7.122	130	69253	51.034	ug/l		98
45) 1,2-Dichloropropane	7.427	63	72900	55.242	ug/l		98
46) Dibromomethane	7.580	93	52240	55.082	ug/l		99
47) Bromodichloromethane	7.817	83	108718	56.173	ug/l		97
48) Methyl methacrylate	7.689	41	69886	53.620	ug/l		99
49) 1,4-Dioxane	7.659	88	16286	862.936	ug/l		96
51) 4-Methyl-2-Pentanone	8.567	43	384720	248.210	ug/l		100
52) Toluene	8.713	92	176859	53.577	ug/l		99
53) t-1,3-Dichloropropene	8.976	75	102656	57.166	ug/l		99
54) cis-1,3-Dichloropropene	8.366	75	117219	57.501	ug/l		99
55) 1,1,2-Trichloroethane	9.146	97	68407	55.609	ug/l		99
56) Ethyl methacrylate	9.116	69	100077	55.111	ug/l		99
57) 1,3-Dichloropropane	9.305	76	118164	55.779	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.238	63	273143	289.561	ug/l		100
59) 2-Hexanone	9.427	43	257222	240.045	ug/l		100
60) Dibromochloromethane	9.518	129	82150	56.667	ug/l		100
61) 1,2-Dibromoethane	9.610	107	68728	54.925	ug/l		100
64) Tetrachloroethene	9.274	164	57026	47.715	ug/l		97
65) Chlorobenzene	10.079	112	198933	52.242	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.158	131	68733	53.707	ug/l		99
67) Ethyl Benzene	10.189	91	338784	50.919	ug/l		100
68) m/p-Xylenes	10.299	106	253341	102.190	ug/l		98
69) o-Xylene	10.640	106	124232	53.471	ug/l		98
70) Styrene	10.652	104	219860	54.074	ug/l		99
71) Bromoform	10.798	173	51140	52.471	ug/l	#	100
73) Isopropylbenzene	10.957	105	319269	50.117	ug/l		100
74) N-amyl acetate	10.841	43	121781	50.456	ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.207	83	90021	50.608	ug/l		98
76) 1,2,3-Trichloropropane	11.237	75	72948m	46.047	ug/l		
77) Bromobenzene	11.195	156	81929	53.444	ug/l		99
78) n-propylbenzene	11.298	91	381477	50.416	ug/l		100
79) 2-Chlorotoluene	11.359	91	231207	51.178	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	267570	51.111	ug/l		98
81) trans-1,4-Dichloro-2-b...	11.018	75	26664	47.574	ug/l		99
82) 4-Chlorotoluene	11.451	91	270647	51.332	ug/l		99
83) tert-Butylbenzene	11.713	119	270313	49.953	ug/l		98
84) 1,2,4-Trimethylbenzene	11.750	105	273576	52.014	ug/l		99
85) sec-Butylbenzene	11.890	105	338341	49.473	ug/l		99
86) p-Isopropyltoluene	12.006	119	286839	49.709	ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	151114	50.556	ug/l		100
88) 1,4-Dichlorobenzene	12.036	146	153221	49.906	ug/l		99
89) n-Butylbenzene	12.329	91	271837	49.616	ug/l		100
90) Hexachloroethane	12.536	117	49379	48.868	ug/l		98
91) 1,2-Dichlorobenzene	12.329	146	147804	52.914	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.938	75	16394	46.683	ug/l		97
93) 1,2,4-Trichlorobenzene	13.585	180	102686	51.709	ug/l		99
94) Hexachlorobutadiene	13.725	225	39725	47.554	ug/l		99
95) Naphthalene	13.774	128	285338	50.434	ug/l		100
96) 1,2,3-Trichlorobenzene	13.956	180	100295	52.791	ug/l		98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062025\
Data File : VX046784.D
Acq On : 20 Jun 2025 15:49
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 21 00:08:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025

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

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

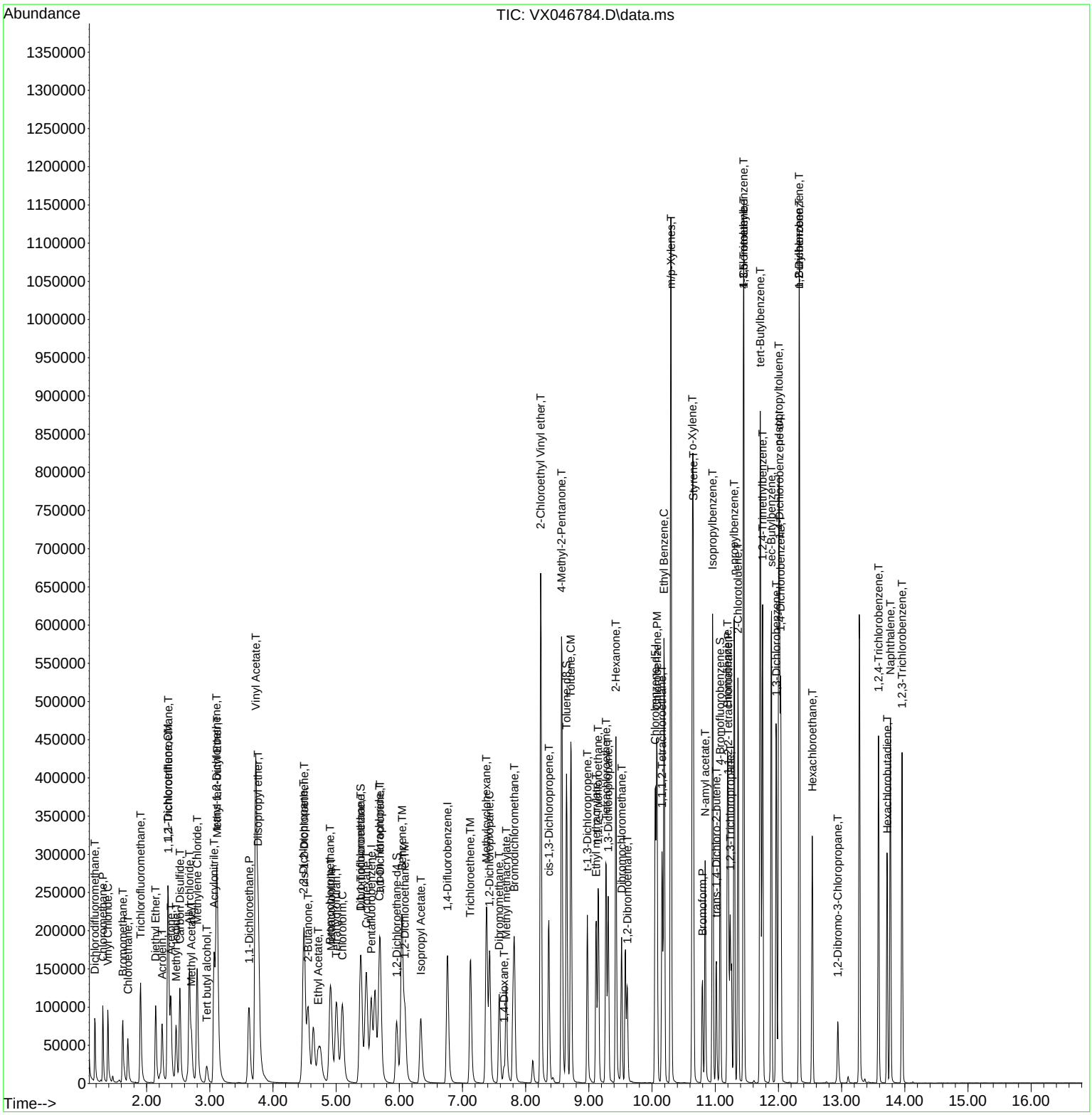
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062025\
Data File : VX046784.D
Acq On : 20 Jun 2025 15:49
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 21 00:08:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



Sample Results: **VX046784.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062025\
Data File : VX046784.D
Acq On : 20 Jun 2025 15:49
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Jun 21 00:08:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	1.000	1.000	0.0	89	0.00
2	T	Dichlorodifluoromethane	0.534	0.522	2.2	80	0.00
3	P	Chloromethane	0.576	0.619	-7.5	93	0.00
4	C	Vinyl Chloride	0.614	0.624	-1.6#	87	0.00
5	T	Bromomethane	0.346	0.421	-21.7	101	0.00
6	T	Chloroethane	0.372	0.400	-7.5	94	0.00
7	T	Trichlorofluoromethane	0.933	0.918	1.6	84	0.00
8	T	Diethyl Ether	0.320	0.377	-17.8	104	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.572	0.570	0.3	88	0.00
10	T	Methyl Iodide	0.642	0.781	-21.7	106	0.00
11	T	Tert butyl alcohol	0.062	0.051	17.7	73	0.00
12	CM	1,1-Dichloroethene	0.552	0.576	-4.3#	90	0.00
13	T	Acrolein	0.090	0.120	-33.3#	122	0.00
14	T	Allyl chloride	1.001	1.095	-9.4	97	0.00
15	T	Acrylonitrile	0.279	0.292	-4.7	91	0.00
16	T	Acetone	0.231	0.209	9.5	84	0.00
17	T	Carbon Disulfide	1.668	1.587	4.9	88	0.00
18	T	Methyl Acetate	0.586	0.619	-5.6	95	0.00
19	T	Methyl tert-butyl Ether	1.720	1.893	-10.1	96	0.00
20	T	Methylene Chloride	0.641	0.703	-9.7	102	0.00
21	T	trans-1,2-Dichloroethene	0.591	0.626	-5.9	94	0.00
22	T	Diisopropyl ether	1.923	2.286	-18.9	103	0.00
23	T	Vinyl Acetate	1.529	1.750	-14.5	97	0.00
24	P	1,1-Dichloroethane	1.092	1.209	-10.7	99	0.00
25	T	2-Butanone	0.326	0.319	2.1	84	0.00
26	T	2,2-Dichloropropane	0.796	0.849	-6.7	99	0.00
27	T	cis-1,2-Dichloroethene	0.694	0.778	-12.1	101	0.00
28	T	Bromochloromethane	0.495	0.590	-19.2	108	0.00
29	T	Tetrahydrofuran	0.211	0.210	0.5	86	-0.01
30	C	Chloroform	1.092	1.243	-13.8#	99	0.00
31	T	Cyclohexane	1.036	1.010	2.5	88	0.00
32	T	1,1,1-Trichloroethane	0.958	0.996	-4.0	92	-0.01
33	S	1,2-Dichloroethane-d4	0.692	0.770	-11.3	105	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	92	0.00
35	S	Dibromofluoromethane	0.331	0.374	-13.0	108	-0.01
36	T	1,1-Dichloropropene	0.478	0.464	2.9	90	0.00
37	T	Ethyl Acetate	0.441	0.411	6.8	88	0.00
38	T	Carbon Tetrachloride	0.518	0.498	3.9	89	0.00
39	T	Methylcyclohexane	0.628	0.595	5.3	87	0.00
40	TM	Benzene	1.413	1.513	-7.1	98	0.00
41	T	Methacrylonitrile	0.235	0.252	-7.2	97	0.00
42	TM	1,2-Dichloroethane	0.497	0.538	-8.2	100	0.00
43	T	Isopropyl Acetate	0.690	0.696	-0.9	90	0.00
44	TM	Trichloroethene	0.360	0.368	-2.2	95	0.00
45	C	1,2-Dichloropropane	0.350	0.387	-10.6#	103	0.00
46	T	Dibromomethane	0.252	0.277	-9.9	102	0.00
47	T	Bromodichloromethane	0.514	0.577	-12.3	102	0.00
48	T	Methyl methacrylate	0.346	0.371	-7.2	92	0.00

Sample Results: **VX046784.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062025\
Data File : VX046784.D
Acq On : 20 Jun 2025 15:49
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Jun 21 00:08:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 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	82	0.00
50	S	Toluene-d8	1.189	1.290	-8.5	104	0.00
51	T	4-Methyl-2-Pentanone	0.411	0.408	0.7	88	0.00
52	CM	Toluene	0.876	0.939	-7.2#	97	0.00
53	T	t-1,3-Dichloropropene	0.477	0.545	-14.3	103	0.00
54	T	cis-1,3-Dichloropropene	0.541	0.622	-15.0	105	0.00
55	T	1,1,2-Trichloroethane	0.327	0.363	-11.0	103	0.00
56	T	Ethyl methacrylate	0.482	0.531	-10.2	97	0.00
57	T	1,3-Dichloropropane	0.562	0.627	-11.6	103	0.00
58	T	2-Chloroethyl Vinyl ether	0.250	0.290	-16.0	95	0.00
59	T	2-Hexanone	0.284	0.273	3.9	85	0.00
60	T	Dibromochloromethane	0.385	0.436	-13.2	104	0.00
61	T	1,2-Dibromoethane	0.332	0.365	-9.9	100	0.00
62	S	4-Bromofluorobenzene	0.443	0.504	-13.8	109	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	96	0.00
64	T	Tetrachloroethene	0.346	0.331	4.3	93	0.00
65	PM	Chlorobenzene	1.104	1.153	-4.4	102	0.00
66	T	1,1,1,2-Tetrachloroethane	0.371	0.398	-7.3	103	0.00
67	C	Ethyl Benzene	1.929	1.964	-1.8#	98	0.00
68	T	m/p-Xylenes	0.719	0.734	-2.1	97	0.00
69	T	o-Xylene	0.673	0.720	-7.0	100	0.00
70	T	Styrene	1.179	1.275	-8.1	101	0.00
71	P	Bromoform	0.282	0.296	-5.0	99	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	97	0.00
73	T	Isopropylbenzene	3.682	3.691	-0.2	96	0.00
74	T	N-amyl acetate	1.395	1.408	-0.9	93	0.00
75	P	1,1,2,2-Tetrachloroethane	1.028	1.041	-1.3	97	0.00
76	T	1,2,3-Trichloropropane	0.916	0.843	8.0	83	0.00
77	T	Bromobenzene	0.886	0.947	-6.9	103	0.00
78	T	n-propylbenzene	4.374	4.410	-0.8	97	0.00
79	T	2-Chlorotoluene	2.611	2.673	-2.4	100	0.00
80	T	1,3,5-Trimethylbenzene	3.026	3.093	-2.2	98	0.00
81	T	trans-1,4-Dichloro-2-butene	0.324	0.308	4.9	96	0.00
82	T	4-Chlorotoluene	3.048	3.129	-2.7	101	0.00
83	T	tert-Butylbenzene	3.128	3.125	0.1	97	0.00
84	T	1,2,4-Trimethylbenzene	3.040	3.163	-4.0	100	0.00
85	T	sec-Butylbenzene	3.953	3.912	1.0	95	0.00
86	T	p-Isopropyltoluene	3.336	3.316	0.6	96	0.00
87	T	1,3-Dichlorobenzene	1.728	1.747	-1.1	101	0.00
88	T	1,4-Dichlorobenzene	1.775	1.771	0.2	104	0.00
89	T	n-Butylbenzene	3.167	3.143	0.8	97	0.00
90	T	Hexachloroethane	0.584	0.571	2.2	95	0.00
91	T	1,2-Dichlorobenzene	1.615	1.709	-5.8	104	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.203	0.190	6.4	87	0.00
93	T	1,2,4-Trichlorobenzene	1.148	1.187	-3.4	102	0.00
94	T	Hexachlorobutadiene	0.483	0.459	5.0	93	0.00
95	T	Naphthalene	3.270	3.299	-0.9	96	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062025\
Data File : VX046784.D
Acq On : 20 Jun 2025 15:49
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Jun 21 00:08:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	1.098	1.160	-5.6	104	0.00

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

Sample Results: **VX046784.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062025\
Data File : VX046784.D
Acq On : 20 Jun 2025 15:49
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Jun 21 00:08:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

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

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	50.000	50.000	0.0	89	0.00
2	T	Dichlorodifluoromethane	50.000	48.926	2.1	80	0.00
3	P	Chloromethane	50.000	53.699	-7.4	93	0.00
4	C	Vinyl Chloride	50.000	50.808	-1.6#	87	0.00
5	T	Bromomethane	50.000	60.885	-21.8	101	0.00
6	T	Chloroethane	50.000	53.709	-7.4	94	0.00
7	T	Trichlorofluoromethane	50.000	49.189	1.6	84	0.00
8	T	Diethyl Ether	50.000	58.906	-17.8	104	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	49.803	0.4	88	0.00
10	T	Methyl Iodide	50.000	54.106	-8.2	106	0.00
11	T	Tert butyl alcohol	250.000	206.426	17.4	73	0.00
12	CM	1,1-Dichloroethene	50.000	52.149	-4.3#	90	0.00
13	T	Acrolein	250.000	331.846	-32.7#	122	0.00
14	T	Allyl chloride	50.000	54.722	-9.4	97	0.00
15	T	Acrylonitrile	250.000	261.766	-4.7	91	0.00
16	T	Acetone	250.000	226.286	9.5	84	0.00
17	T	Carbon Disulfide	50.000	47.591	4.8	88	0.00
18	T	Methyl Acetate	50.000	52.856	-5.7	95	0.00
19	T	Methyl tert-butyl Ether	50.000	55.027	-10.1	96	0.00
20	T	Methylene Chloride	50.000	54.775	-9.5	102	0.00
21	T	trans-1,2-Dichloroethene	50.000	52.978	-6.0	94	0.00
22	T	Diisopropyl ether	50.000	59.437	-18.9	103	0.00
23	T	Vinyl Acetate	250.000	285.977	-14.4	97	0.00
24	P	1,1-Dichloroethane	50.000	55.357	-10.7	99	0.00
25	T	2-Butanone	250.000	244.645	2.1	84	0.00
26	T	2,2-Dichloropropane	50.000	53.321	-6.6	99	0.00
27	T	cis-1,2-Dichloroethene	50.000	56.041	-12.1	101	0.00
28	T	Bromochloromethane	50.000	59.592	-19.2	108	0.00
29	T	Tetrahydrofuran	250.000	249.111	0.4	86	-0.01
30	C	Chloroform	50.000	56.930	-13.9#	99	0.00
31	T	Cyclohexane	50.000	48.751	2.5	88	0.00
32	T	1,1,1-Trichloroethane	50.000	51.976	-4.0	92	-0.01
33	S	1,2-Dichloroethane-d4	50.000	55.698	-11.4	105	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	92	0.00
35	S	Dibromofluoromethane	50.000	56.568	-13.1	108	-0.01
36	T	1,1-Dichloropropene	50.000	48.570	2.9	90	0.00
37	T	Ethyl Acetate	50.000	46.616	6.8	88	0.00
38	T	Carbon Tetrachloride	50.000	48.017	4.0	89	0.00
39	T	Methylcyclohexane	50.000	47.374	5.3	87	0.00
40	TM	Benzene	50.000	53.537	-7.1	98	0.00
41	T	Methacrylonitrile	50.000	53.538	-7.1	97	0.00
42	TM	1,2-Dichloroethane	50.000	54.204	-8.4	100	0.00
43	T	Isopropyl Acetate	50.000	50.426	-0.9	90	0.00
44	TM	Trichloroethene	50.000	51.034	-2.1	95	0.00
45	C	1,2-Dichloropropane	50.000	55.242	-10.5#	103	0.00
46	T	Dibromomethane	50.000	55.082	-10.2	102	0.00
47	T	Bromodichloromethane	50.000	56.173	-12.3	102	0.00
48	T	Methyl methacrylate	50.000	53.620	-7.2	92	0.00

Sample Results: **VX046784.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062025\
Data File : VX046784.D
Acq On : 20 Jun 2025 15:49
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Jun 21 00:08:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 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	862.936	13.7	82	0.00
50	S	Toluene-d8	50.000	54.249	-8.5	104	0.00
51	T	4-Methyl-2-Pentanone	250.000	248.210	0.7	88	0.00
52	CM	Toluene	50.000	53.577	-7.2#	97	0.00
53	T	t-1,3-Dichloropropene	50.000	57.166	-14.3	103	0.00
54	T	cis-1,3-Dichloropropene	50.000	57.501	-15.0	105	0.00
55	T	1,1,2-Trichloroethane	50.000	55.609	-11.2	103	0.00
56	T	Ethyl methacrylate	50.000	55.111	-10.2	97	0.00
57	T	1,3-Dichloropropane	50.000	55.779	-11.6	103	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	289.561	-15.8	95	0.00
59	T	2-Hexanone	250.000	240.045	4.0	85	0.00
60	T	Dibromochloromethane	50.000	56.667	-13.3	104	0.00
61	T	1,2-Dibromoethane	50.000	54.925	-9.8	100	0.00
62	S	4-Bromofluorobenzene	50.000	56.883	-13.8	109	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	96	0.00
64	T	Tetrachloroethene	50.000	47.715	4.6	93	0.00
65	PM	Chlorobenzene	50.000	52.242	-4.5	102	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	53.707	-7.4	103	0.00
67	C	Ethyl Benzene	50.000	50.919	-1.8#	98	0.00
68	T	m/p-Xylenes	100.000	102.190	-2.2	97	0.00
69	T	o-Xylene	50.000	53.471	-6.9	100	0.00
70	T	Styrene	50.000	54.074	-8.1	101	0.00
71	P	Bromoform	50.000	52.471	-4.9	99	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	97	0.00
73	T	Isopropylbenzene	50.000	50.117	-0.2	96	0.00
74	T	N-amyl acetate	50.000	50.456	-0.9	93	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	50.608	-1.2	97	0.00
76	T	1,2,3-Trichloropropane	50.000	46.047	7.9	83	0.00
77	T	Bromobenzene	50.000	53.444	-6.9	103	0.00
78	T	n-propylbenzene	50.000	50.416	-0.8	97	0.00
79	T	2-Chlorotoluene	50.000	51.178	-2.4	100	0.00
80	T	1,3,5-Trimethylbenzene	50.000	51.111	-2.2	98	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	47.574	4.9	96	0.00
82	T	4-Chlorotoluene	50.000	51.332	-2.7	101	0.00
83	T	tert-Butylbenzene	50.000	49.953	0.1	97	0.00
84	T	1,2,4-Trimethylbenzene	50.000	52.014	-4.0	100	0.00
85	T	sec-Butylbenzene	50.000	49.473	1.1	95	0.00
86	T	p-Isopropyltoluene	50.000	49.709	0.6	96	0.00
87	T	1,3-Dichlorobenzene	50.000	50.556	-1.1	101	0.00
88	T	1,4-Dichlorobenzene	50.000	49.906	0.2	104	0.00
89	T	n-Butylbenzene	50.000	49.616	0.8	97	0.00
90	T	Hexachloroethane	50.000	48.868	2.3	95	0.00
91	T	1,2-Dichlorobenzene	50.000	52.914	-5.8	104	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	46.683	6.6	87	0.00
93	T	1,2,4-Trichlorobenzene	50.000	51.709	-3.4	102	0.00
94	T	Hexachlorobutadiene	50.000	47.554	4.9	93	0.00
95	T	Naphthalene	50.000	50.434	-0.9	96	0.00

Sample Results: **VX046784.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062025\
Data File : VX046784.D
Acq On : 20 Jun 2025 15:49
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Jun 21 00:08:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 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	52.791	-5.6	104	0.00

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

QC SAMPLE DATA

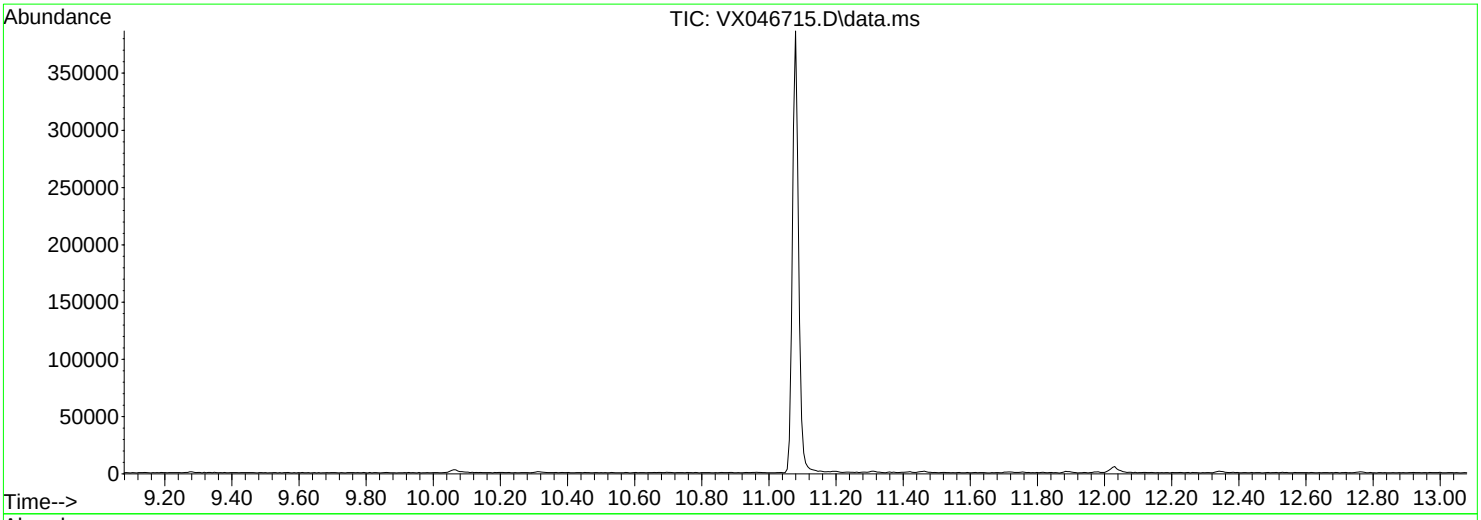
Sample Results: **VX046715.D**

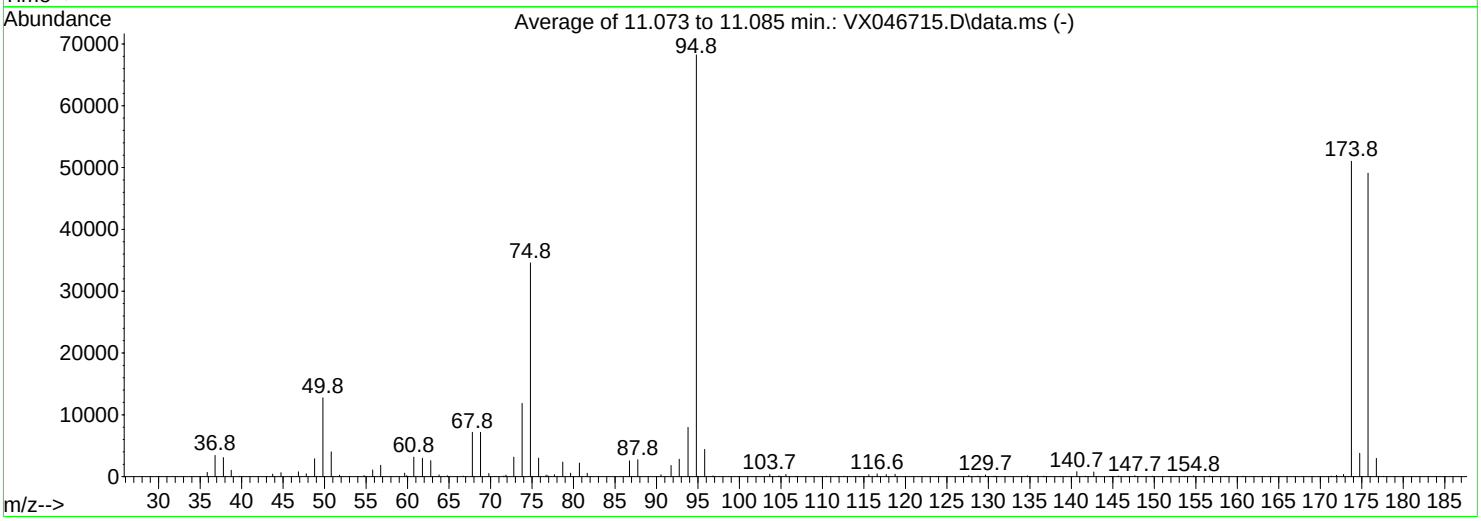
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
Data File : VX046715.D
Acq On : 17 Jun 2025 08:46
Operator : JC/MD
Sample : BFB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Title : SW846 8260
Last Update : Wed Jun 18 03:09:16 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	12764	PASS
75	95	30	60	50.7	34573	PASS
95	95	100	100	100.0	68235	PASS
96	95	5	9	6.5	4402	PASS
173	174	0.00	2	0.7	374	PASS
174	95	50	100	74.8	51016	PASS
175	174	5	9	7.4	3785	PASS
176	174	95	101	96.2	49101	PASS
177	176	5	9	6.0	2956	PASS

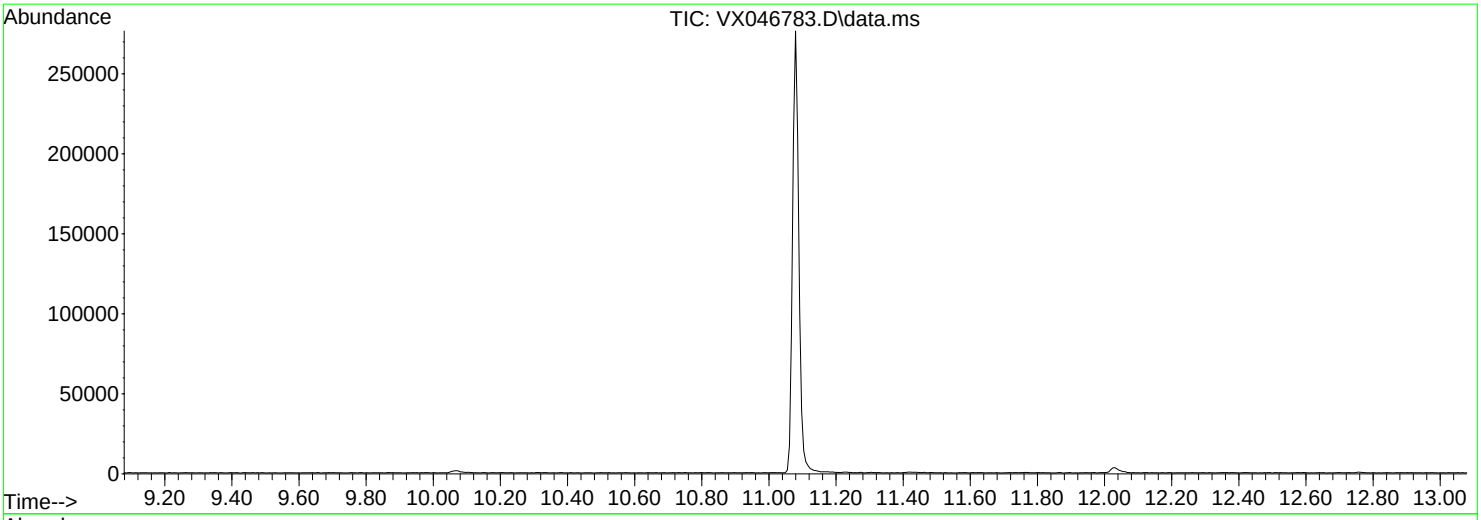
Sample Results: **VX046783.D**

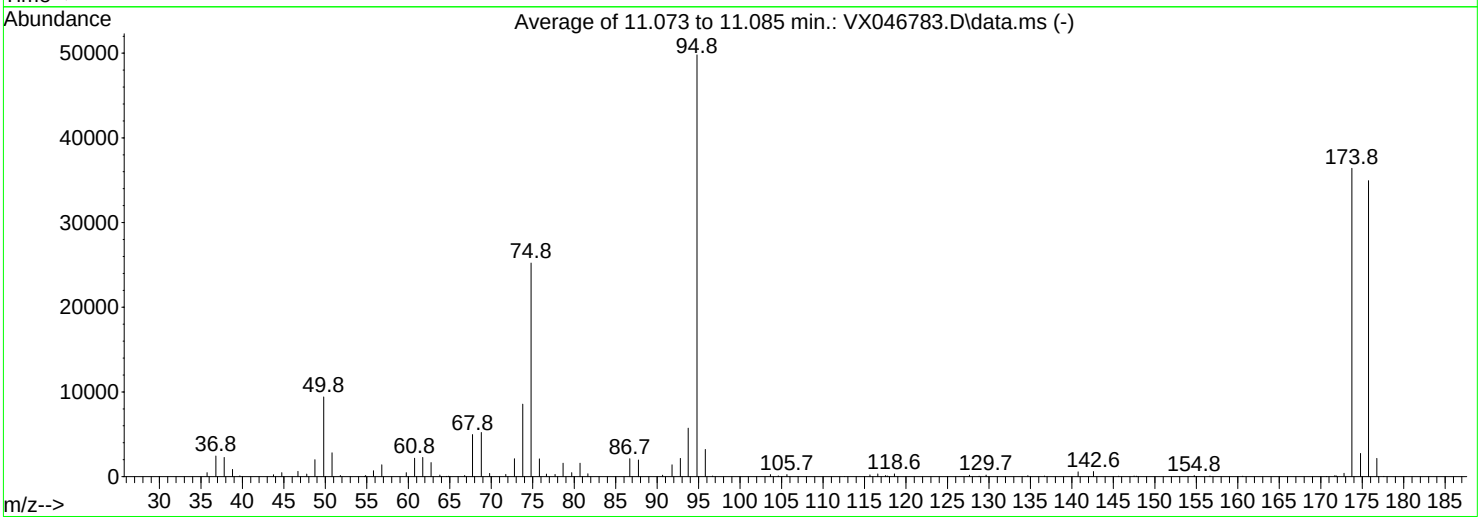
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062025\
Data File : VX046783.D
Acq On : 20 Jun 2025 14:51
Operator : JC/MD
Sample : BFB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Title : SW846 8260
Last Update : Wed Jun 18 03:09:16 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	9401	PASS
75	95	30	60	50.7	25227	PASS
95	95	100	100	100.0	49805	PASS
96	95	5	9	6.5	3214	PASS
173	174	0.00	2	1.1	406	PASS
174	95	50	100	73.1	36405	PASS
175	174	5	9	7.5	2744	PASS
176	174	95	101	96.0	34952	PASS
177	176	5	9	6.2	2154	PASS

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:	VX0620WBL02	SDG No.:	Q2378
Lab Sample ID:	VX0620WBL02	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:	Prep Date	Date Analyzed	Prep Batch ID
VX046786.D	1		06/20/25 16:37	VX062025

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: **VX046786.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:	VX0620WBL02	SDG No.:	Q2378
Lab Sample ID:	VX0620WBL02	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:	Prep Date	Date Analyzed	Prep Batch ID
VX046786.D	1		06/20/25 16:37	VX062025

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: **VX046786.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:	VX0620WBL02	SDG No.:	Q2378
Lab Sample ID:	VX0620WBL02	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:	Prep Date	Date Analyzed	Prep Batch ID
VX046786.D	1		06/20/25 16:37	VX062025

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	47.0		74 - 125	94%	SPK: 50
1868-53-7	Dibromofluoromethane	48.8		75 - 124	98%	SPK: 50
2037-26-5	Toluene-d8	49.8		86 - 113	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.7		77 - 121	99%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	159000	5.562			
540-36-3	1,4-Difluorobenzene	273000	6.769			
3114-55-4	Chlorobenzene-d5	243000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	118000	12.018			

Raw Data: **VX046786.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:	VX0620WBL02	SDG No.:	Q2378
Lab Sample ID:	VX0620WBL02	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:	Prep Date	Date Analyzed	Prep Batch ID
VX046786.D	1		06/20/25 16:37	VX062025

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\VX062025\
Data File : VX046786.D
Acq On : 20 Jun 2025 16:37
Operator : JC/MD
Sample : VX0620WBL02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBL02

Quant Time: Jun 21 00:09:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	159144	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	272954	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	243269	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	117754	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	103406	46.976	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 93.960%			
35) Dibromofluoromethane	5.397	113	88059	48.760	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.520%			
50) Toluene-d8	8.647	98	323406	49.844	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.680%			
62) 4-Bromofluorobenzene	11.079	95	120144	49.674	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 99.340%			

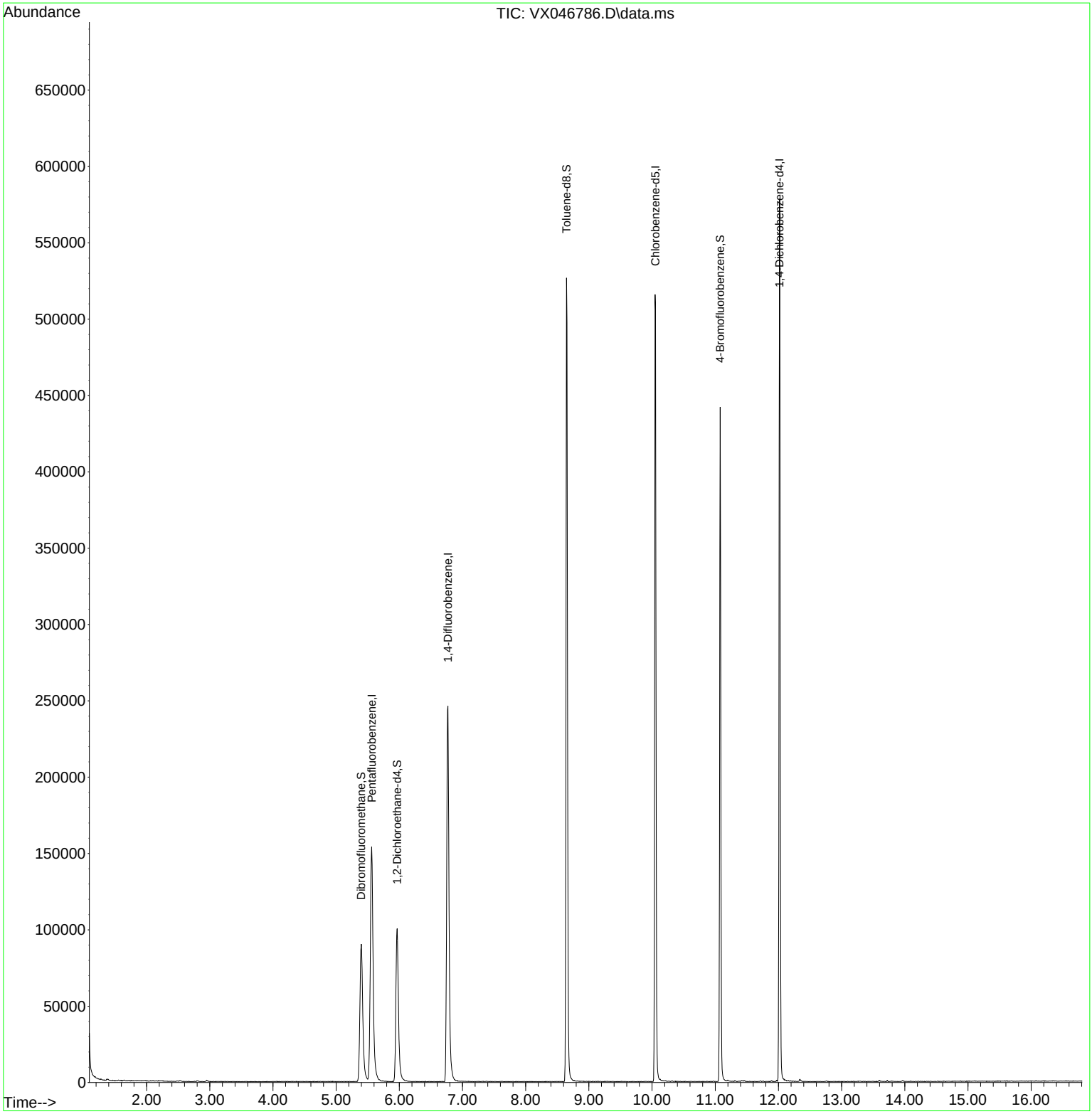
Target Compounds Qvalue

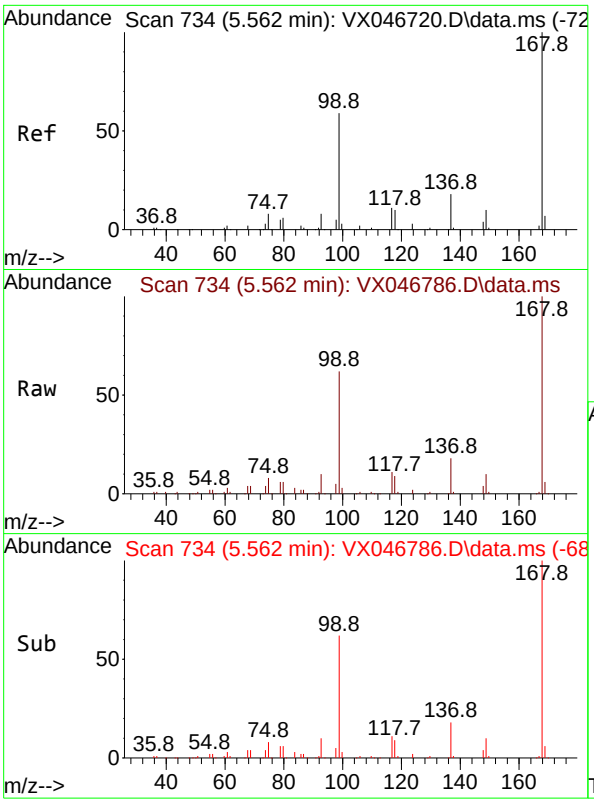
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062025\
Data File : VX046786.D
Acq On : 20 Jun 2025 16:37
Operator : JC/MD
Sample : VX0620WBL02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBL02

Quant Time: Jun 21 00:09:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration



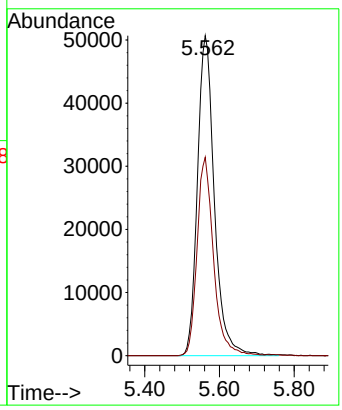


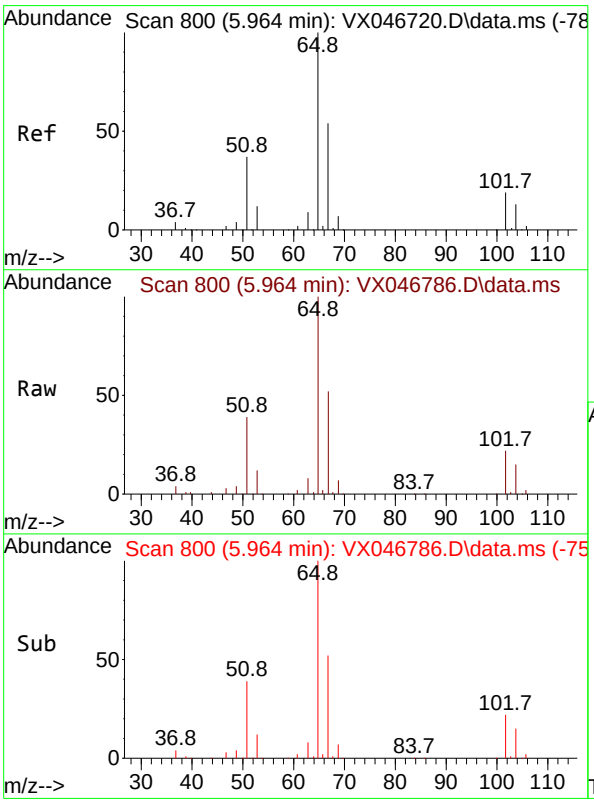
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046786.D
Acq: 20 Jun 2025 16:37

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBL02

Tgt Ion:168 Resp: 159144

Ion	Ratio	Lower	Upper
168	100		
99	62.0	48.5	72.7

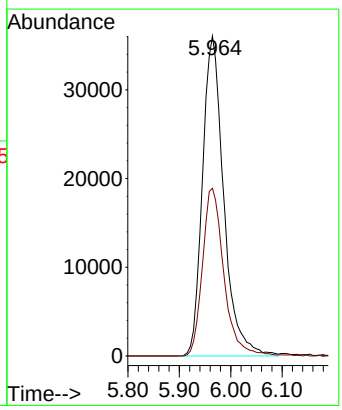


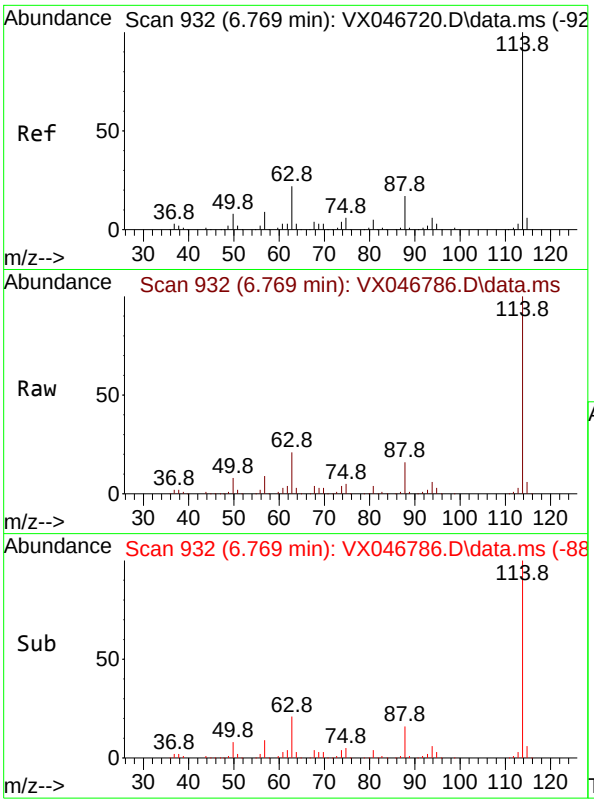


#33
1,2-Dichloroethane-d4
Concen: 46.976 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.000 min
Lab File: VX046786.D
Acq: 20 Jun 2025 16:37

Tgt Ion: 65 Resp: 103406

Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	105.4



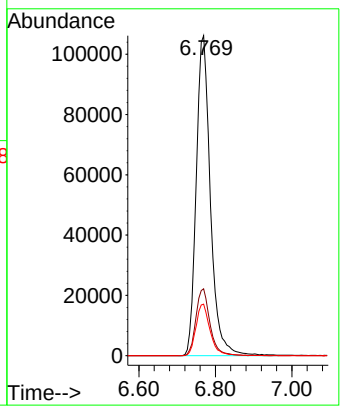


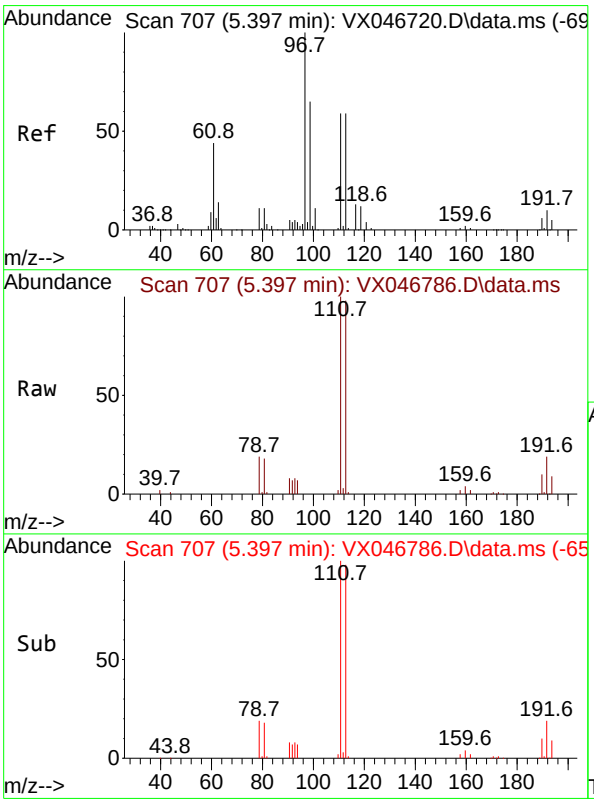
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX046786.D
Acq: 20 Jun 2025 16:37

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBL02

Tgt Ion:114 Resp: 272954

Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	44.2
88	16.1	0.0	33.2

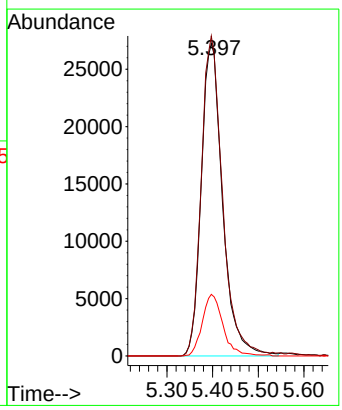


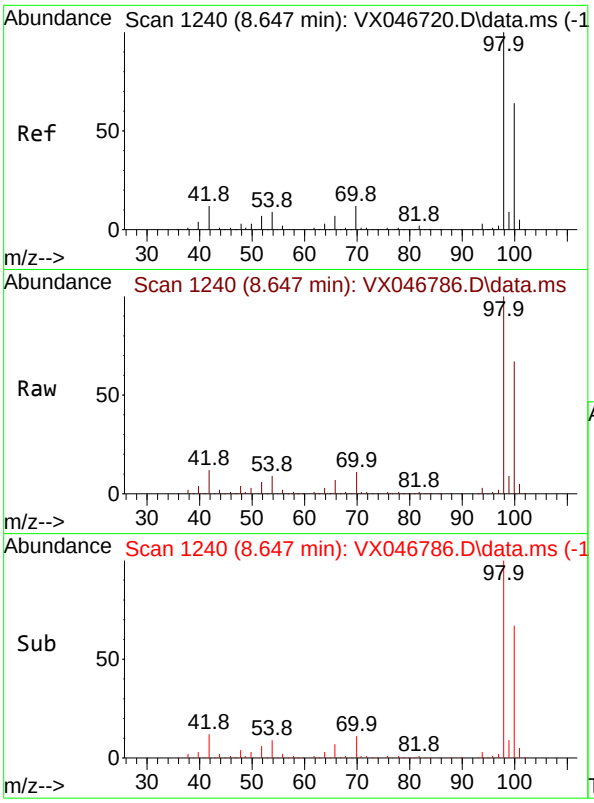


#35
Dibromofluoromethane
Concen: 48.760 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046786.D
Acq: 20 Jun 2025 16:37

Tgt Ion:113 Resp: 88059

Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.0	123.0
192	19.2	15.3	22.9



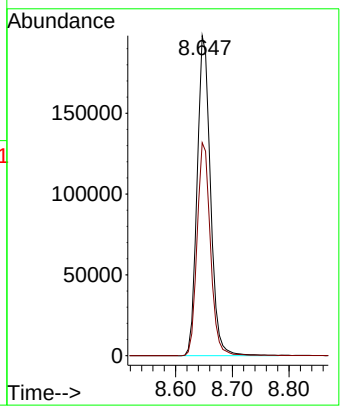


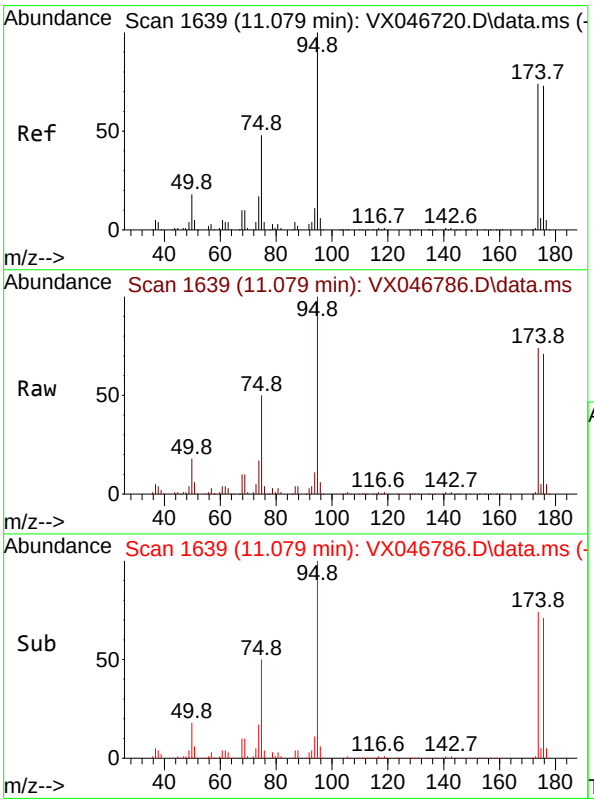
#50
Toluene-d8
Concen: 49.844 ug/l
RT: 8.647 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046786.D
Acq: 20 Jun 2025 16:37

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBL02

Tgt Ion: 98 Resp: 323406

Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.0	79.4

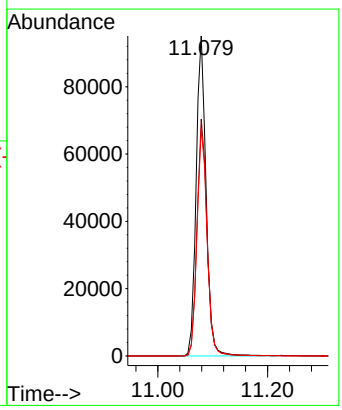


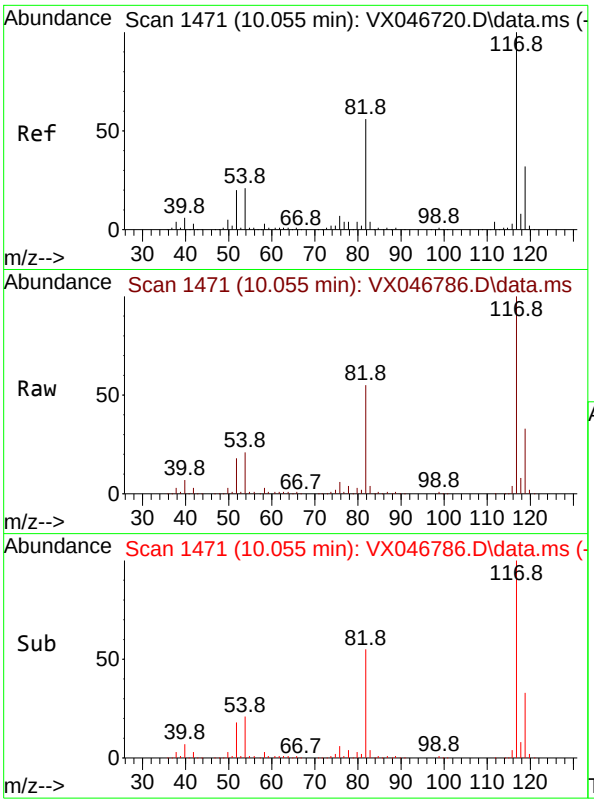


#62
4-Bromofluorobenzene
Concen: 49.674 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046786.D
Acq: 20 Jun 2025 16:37

Tgt Ion: 95 Resp: 120144

Ion	Ratio	Lower	Upper
95	100		
174	74.6	0.0	150.4
176	72.3	0.0	145.0



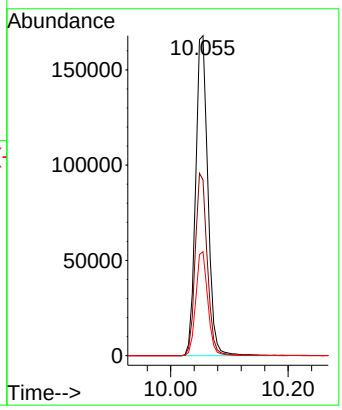


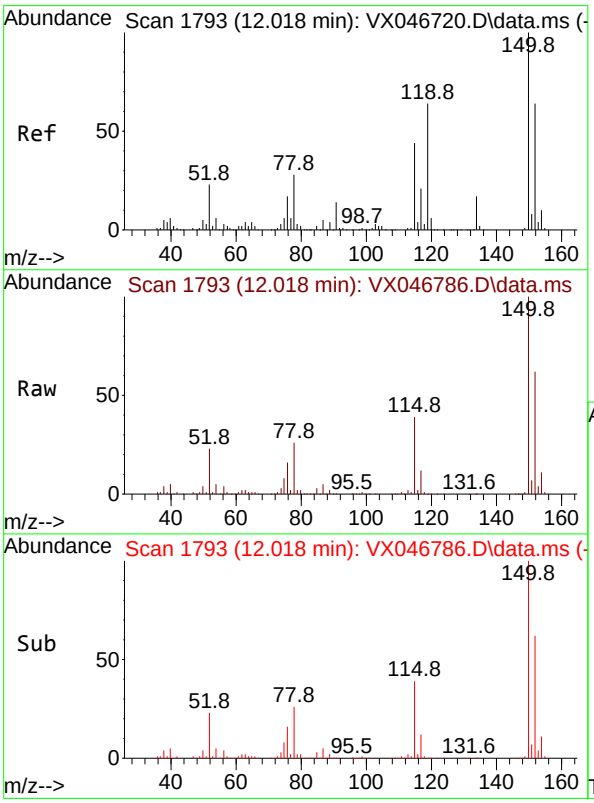
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046786.D
Acq: 20 Jun 2025 16:37

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBL02

Tgt Ion:117 Resp: 243269

Ion	Ratio	Lower	Upper
117	100		
82	55.0	44.6	66.8
119	32.5	25.8	38.8

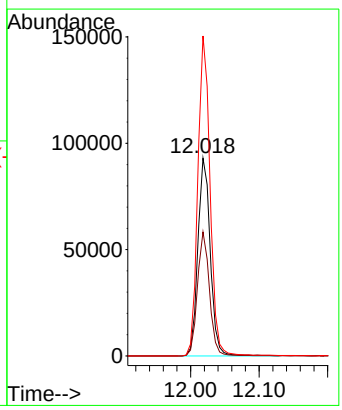




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046786.D
Acq: 20 Jun 2025 16:37

Tgt Ion:152 Resp: 117754

Ion	Ratio	Lower	Upper
152	100		
115	60.6	43.2	129.6
150	159.8	0.0	346.8



Raw Data: **VX046791.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:	VX0620WBS02	SDG No.:	Q2378
Lab Sample ID:	VX0620WBS02	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:	Prep Date	Date Analyzed	Prep Batch ID
VX046791.D	1		06/20/25 18:21	VX062025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	18.7		0.22	1.00	ug/L
74-87-3	Chloromethane	18.1		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	18.7		0.26	1.00	ug/L
141-78-6	Ethyl Acetate	15.8		0.31	1.00	ug/L
74-83-9	Bromomethane	21.0		1.40	5.00	ug/L
75-00-3	Chloroethane	19.3		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	18.6		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	18.8		0.25	1.00	ug/L
75-65-0	Tert butyl alcohol	59.9		5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	18.7		0.23	1.00	ug/L
107-02-8	Acrolein	77.6		7.10	25.0	ug/L
107-13-1	Acrylonitrile	83.5		0.83	5.00	ug/L
67-64-1	Acetone	72.4		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	16.7		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	16.8		0.16	1.00	ug/L
79-20-9	Methyl Acetate	17.0		0.27	1.00	ug/L
75-09-2	Methylene Chloride	18.2		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	18.8		0.23	1.00	ug/L
108-05-4	Vinyl Acetate	87.6		0.66	5.00	ug/L
75-34-3	1,1-Dichloroethane	18.6		0.23	1.00	ug/L
110-82-7	Cyclohexane	18.6		1.50	5.00	ug/L
78-93-3	2-Butanone	79.5		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	17.9		0.25	1.00	ug/L
594-20-7	2,2-Dichloropropane	17.9		0.21	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	18.5		0.19	1.00	ug/L
74-97-5	Bromochloromethane	19.8		0.22	1.00	ug/L
67-66-3	Chloroform	19.1		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	18.0		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	18.0		0.16	1.00	ug/L
563-58-6	1,1-Dichloropropene	18.4		0.15	1.00	ug/L

Raw Data: **VX046791.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:	VX0620WBS02	SDG No.:	Q2378
Lab Sample ID:	VX0620WBS02	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:	Prep Date	Date Analyzed	Prep Batch ID
VX046791.D	1		06/20/25 18:21	VX062025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
71-43-2	Benzene	18.7		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	18.2		0.22	1.00	ug/L
79-01-6	Trichloroethene	18.7		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	18.5		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	82.4		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	17.6		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	18.0		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	19.1		0.21	1.00	ug/L
142-28-9	1,3-Dichloropropane	18.8		0.19	1.00	ug/L
110-75-8	2-Chloroethyl Vinyl ether	93.4		0.30	5.00	ug/L
591-78-6	2-Hexanone	79.3		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	18.3		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	18.3		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	18.3		0.23	1.00	ug/L
108-90-7	Chlorobenzene	18.5		0.12	1.00	ug/L
630-20-6	1,1,1,2-Tetrachloroethane	17.9		0.19	1.00	ug/L
67-72-1	Hexachloroethane	16.4		0.32	0	ug/L
100-41-4	Ethyl Benzene	18.2		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	37.1		0.24	2.00	ug/L
95-47-6	o-Xylene	19.2		0.12	1.00	ug/L
100-42-5	Styrene	18.0		0.15	1.00	ug/L
75-25-2	Bromoform	17.1		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	17.8		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	17.2		0.26	1.00	ug/L
96-18-4	1,2,3-Trichloropropane	15.2		0.35	1.00	ug/L
108-86-1	Bromobenzene	18.2		0.24	1.00	ug/L
103-65-1	n-propylbenzene	18.0		0.13	1.00	ug/L
95-49-8	2-Chlorotoluene	17.9		0.14	1.00	ug/L

Raw Data: **VX046791.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:	VX0620WBS02	SDG No.:	Q2378
Lab Sample ID:	VX0620WBS02	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:	Prep Date	Date Analyzed	Prep Batch ID
VX046791.D	1		06/20/25 18:21	VX062025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-67-8	1,3,5-Trimethylbenzene	18.1		0.15	1.00	ug/L
106-43-4	4-Chlorotoluene	17.8		0.13	1.00	ug/L
98-06-6	tert-Butylbenzene	17.6		0.14	1.00	ug/L
95-63-6	1,2,4-Trimethylbenzene	18.2		0.14	1.00	ug/L
135-98-8	sec-Butylbenzene	18.4		0.13	1.00	ug/L
99-87-6	p-Isopropyltoluene	17.9		0.13	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	17.7		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	17.3		0.19	1.00	ug/L
104-51-8	n-Butylbenzene	17.7		0.15	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	17.9		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	14.7		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	16.7		0.30	1.00	ug/L
91-20-3	Naphthalene	16.0		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	17.0		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	48.0		74 - 125	96%	SPK: 50
1868-53-7	Dibromofluoromethane	49.3		75 - 124	99%	SPK: 50
2037-26-5	Toluene-d8	50.4		86 - 113	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.2		77 - 121	104%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	126000	5.562			
540-36-3	1,4-Difluorobenzene	211000	6.769			
3114-55-4	Chlorobenzene-d5	193000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	99600	12.018			

Raw Data: **VX046791.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:	VX0620WBS02	SDG No.:	Q2378
Lab Sample ID:	VX0620WBS02	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:	Prep Date	Date Analyzed	Prep Batch ID
VX046791.D	1		06/20/25 18:21	VX062025

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\VX062025\
Data File : VX046791.D
Acq On : 20 Jun 2025 18:21
Operator : JC/MD
Sample : VX0620WBS02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jun 21 00:11:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBS02

Manual Integrations APPROVED

Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	125872	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	211262	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	192683	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	99647	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	83541	47.984	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 95.960%			
35) Dibromofluoromethane	5.397	113	68962	49.337	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.680%			
50) Toluene-d8	8.647	98	253285	50.436	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.880%			
62) 4-Bromofluorobenzene	11.079	95	97689	52.185	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.360%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.179	85	25134	18.703	ug/l	98
3) Chloromethane	1.307	50	26254	18.100	ug/l	97
4) Vinyl Chloride	1.386	62	28947	18.714	ug/l	95
5) Bromomethane	1.630	94	18237	20.956	ug/l	97
6) Chloroethane	1.709	64	18113	19.321	ug/l	98
7) Trichlorofluoromethane	1.904	101	43594	18.561	ug/l	97
8) Diethyl Ether	2.148	74	14578	18.086	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.349	101	27048	18.772	ug/l	98
10) Methyl Iodide	2.471	142	27566	18.293	ug/l	98
11) Tert butyl alcohol	2.959	59	9360	59.898	ug/l	96
12) 1,1-Dichloroethene	2.337	96	26008	18.707	ug/l	95
13) Acrolein	2.252	56	17670	77.631	ug/l	98
14) Allyl chloride	2.678	41	45965	18.247	ug/l	99
15) Acrylonitrile	3.075	53	58638	83.450	ug/l	100
16) Acetone	2.386	43	42041	72.410	ug/l	98
17) Carbon Disulfide	2.532	76	69973	16.666	ug/l	99
18) Methyl Acetate	2.715	43	25054	16.990	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	72815	16.820	ug/l	100
20) Methylene Chloride	2.806	84	29325	18.162	ug/l	98
21) trans-1,2-Dichloroethene	3.105	96	27973	18.803	ug/l	97
22) Diisopropyl ether	3.770	45	92392	19.082	ug/l	97
23) Vinyl Acetate	3.733	43	337411	87.633	ug/l	100
24) 1,1-Dichloroethane	3.623	63	51011	18.556	ug/l	97
25) 2-Butanone	4.562	43	65315m	79.543	ug/l	
26) 2,2-Dichloropropane	4.489	77	35818	17.864	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	32382	18.528	ug/l	98
28) Bromochloromethane	4.916	49	24682	19.804	ug/l	99
29) Tetrahydrofuran	5.013	42	41205	77.690	ug/l	100
30) Chloroform	5.105	83	52417	19.066	ug/l	95
31) Cyclohexane	5.483	56	48478	18.595	ug/l	92
32) 1,1,1-Trichloroethane	5.397	97	43436	18.015	ug/l	99
36) 1,1-Dichloropropene	5.708	75	37028	18.351	ug/l	99
37) Ethyl Acetate	4.727	43	29447m	15.811	ug/l	
38) Carbon Tetrachloride	5.690	117	39129	17.869	ug/l	99
39) Methylcyclohexane	7.385	83	47781	17.995	ug/l	96
40) Benzene	6.050	78	111530	18.677	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062025\
Data File : VX046791.D
Acq On : 20 Jun 2025 18:21
Operator : JC/MD
Sample : VX0620WBS02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jun 21 00:11:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBS02

Manual Integrations APPROVED

Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.934	41	16980	17.101	ug/l		95
42) 1,2-Dichloroethane	6.098	62	38285	18.245	ug/l		98
43) Isopropyl Acetate	6.348	43	47155	16.180	ug/l		99
44) Trichloroethene	7.135	130	28427	18.680	ug/l		97
45) 1,2-Dichloropropane	7.434	63	27999	18.919	ug/l	#	89
46) Dibromomethane	7.586	93	19631	18.457	ug/l		99
47) Bromodichloromethane	7.824	83	40240	18.540	ug/l		100
48) Methyl methacrylate	7.696	41	24063	16.463	ug/l		98
49) 1,4-Dioxane	7.665	88	5390	274.541	ug/l		90
51) 4-Methyl-2-Pentanone	8.574	43	143178	82.370	ug/l		98
52) Toluene	8.720	92	70726	19.105	ug/l		98
53) t-1,3-Dichloropropene	8.982	75	35410	17.583	ug/l		98
54) cis-1,3-Dichloropropene	8.372	75	41087	17.972	ug/l		94
55) 1,1,2-Trichloroethane	9.153	97	26298	19.063	ug/l		97
56) Ethyl methacrylate	9.116	69	33326	16.364	ug/l		98
57) 1,3-Dichloropropane	9.311	76	44671	18.803	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.244	63	98836	93.429	ug/l		100
59) 2-Hexanone	9.427	43	95350	79.346	ug/l		99
60) Dibromochloromethane	9.518	129	29725	18.284	ug/l		99
61) 1,2-Dibromoethane	9.610	107	25632	18.266	ug/l		98
64) Tetrachloroethene	9.275	164	24397	18.276	ug/l		93
65) Chlorobenzene	10.079	112	78724	18.509	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.159	131	25577	17.892	ug/l		99
67) Ethyl Benzene	10.195	91	135413	18.221	ug/l		100
68) m/p-Xylenes	10.299	106	102623	37.059	ug/l		98
69) o-Xylene	10.640	106	49701	19.151	ug/l		97
70) Styrene	10.652	104	81729	17.996	ug/l		100
71) Bromoform	10.799	173	18569	17.057	ug/l	#	100
73) Isopropylbenzene	10.957	105	130703	17.809	ug/l		100
74) N-amyl acetate	10.841	43	42368	15.237	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	35206	17.180	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	27658m	15.155	ug/l		
77) Bromobenzene	11.195	156	32116	18.185	ug/l		100
78) n-propylbenzene	11.305	91	156487	17.952	ug/l		100
79) 2-Chlorotoluene	11.360	91	93152	17.898	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	108930	18.062	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	9075	14.055	ug/l		96
82) 4-Chlorotoluene	11.451	91	108212	17.816	ug/l		99
83) tert-Butylbenzene	11.713	119	109711	17.599	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	110209	18.189	ug/l		99
85) sec-Butylbenzene	11.890	105	144974	18.401	ug/l		100
86) p-Isopropyltoluene	12.006	119	119031	17.906	ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	61084	17.739	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	61330	17.340	ug/l		98
89) n-Butylbenzene	12.329	91	111939	17.735	ug/l		99
90) Hexachloroethane	12.536	117	19112	16.418	ug/l		96
91) 1,2-Dichlorobenzene	12.335	146	57565	17.889	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	5931	14.660	ug/l		99
93) 1,2,4-Trichlorobenzene	13.585	180	39069	17.077	ug/l		99
94) Hexachlorobutadiene	13.719	225	16027	16.654	ug/l		99
95) Naphthalene	13.774	128	104178	15.984	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	37250	17.020	ug/l		99

Sample Results: **VX046791.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062025\
Data File : VX046791.D
Acq On : 20 Jun 2025 18:21
Operator : JC/MD
Sample : VX0620WBS02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jun 21 00:11:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBS02

Manual Integrations APPROVED

Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025

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

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

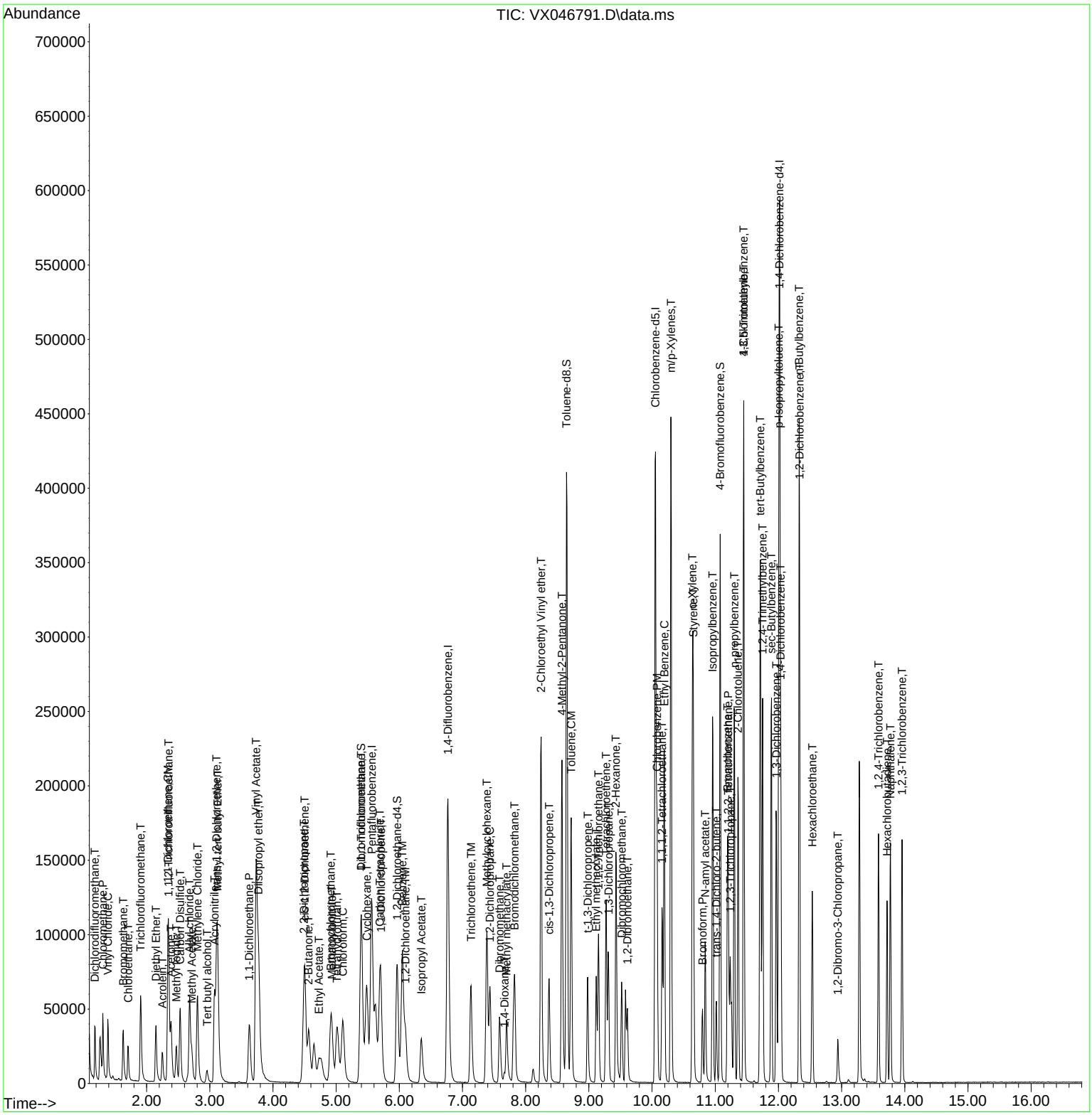
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062025\
Data File : VX046791.D
Acq On : 20 Jun 2025 18:21
Operator : JC/MD
Sample : VX0620WBS02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jun 21 00:11:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBS02

Manual Integrations APPROVED

Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



Raw Data: **VX046792.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:	VX0620WBSD02	SDG No.:	Q2378
Lab Sample ID:	VX0620WBSD02	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:	Prep Date	Date Analyzed	Prep Batch ID
VX046792.D	1		06/20/25 18:42	VX062025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	18.2		0.22	1.00	ug/L
74-87-3	Chloromethane	17.7		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	18.3		0.26	1.00	ug/L
141-78-6	Ethyl Acetate	16.7		0.31	1.00	ug/L
74-83-9	Bromomethane	20.8		1.40	5.00	ug/L
75-00-3	Chloroethane	18.4		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	18.1		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	18.4		0.25	1.00	ug/L
75-65-0	Tert butyl alcohol	63.4		5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	18.6		0.23	1.00	ug/L
107-02-8	Acrolein	82.2		7.10	25.0	ug/L
107-13-1	Acrylonitrile	83.2		0.83	5.00	ug/L
67-64-1	Acetone	73.4		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	16.6		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	17.5		0.16	1.00	ug/L
79-20-9	Methyl Acetate	16.6		0.27	1.00	ug/L
75-09-2	Methylene Chloride	18.3		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	18.1		0.23	1.00	ug/L
108-05-4	Vinyl Acetate	89.3		0.66	5.00	ug/L
75-34-3	1,1-Dichloroethane	18.4		0.23	1.00	ug/L
110-82-7	Cyclohexane	18.4		1.50	5.00	ug/L
78-93-3	2-Butanone	80.1		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	18.2		0.25	1.00	ug/L
594-20-7	2,2-Dichloropropane	17.5		0.21	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	18.5		0.19	1.00	ug/L
74-97-5	Bromochloromethane	20.2		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	18.2		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	18.3		0.16	1.00	ug/L
563-58-6	1,1-Dichloropropene	18.4		0.15	1.00	ug/L

Raw Data: **VX046792.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:	VX0620WBSD02	SDG No.:	Q2378
Lab Sample ID:	VX0620WBSD02	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:	Prep Date	Date Analyzed	Prep Batch ID
VX046792.D	1		06/20/25 18:42	VX062025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
71-43-2	Benzene	19.2		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	18.8		0.22	1.00	ug/L
79-01-6	Trichloroethene	19.0		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	19.5		0.20	1.00	ug/L
74-95-3	Dibromomethane	18.3		0.25	1.00	ug/L
75-27-4	Bromodichloromethane	19.4		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	85.7		0.68	5.00	ug/L
108-88-3	Toluene	19.3		0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	18.4		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	18.7		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	19.3		0.21	1.00	ug/L
142-28-9	1,3-Dichloropropane	19.4		0.19	1.00	ug/L
110-75-8	2-Chloroethyl Vinyl ether	97.6		0.30	5.00	ug/L
591-78-6	2-Hexanone	82.0		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	19.1		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	19.1		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	17.9		0.23	1.00	ug/L
108-90-7	Chlorobenzene	18.8		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	16.9		0.32	0	ug/L
100-41-4	Ethyl Benzene	18.7		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	38.2		0.24	2.00	ug/L
95-47-6	o-Xylene	19.4		0.12	1.00	ug/L
100-42-5	Styrene	18.9		0.15	1.00	ug/L
75-25-2	Bromoform	17.4		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	18.4		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	17.4		0.26	1.00	ug/L
96-18-4	1,2,3-Trichloropropane	15.4		0.35	1.00	ug/L
108-86-1	Bromobenzene	17.8		0.24	1.00	ug/L
103-65-1	n-propylbenzene	18.4		0.13	1.00	ug/L
95-49-8	2-Chlorotoluene	18.2		0.14	1.00	ug/L

Raw Data: **VX046792.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:	VX0620WBSD02	SDG No.:	Q2378
Lab Sample ID:	VX0620WBSD02	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:	Prep Date	Date Analyzed	Prep Batch ID
VX046792.D	1		06/20/25 18:42	VX062025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-67-8	1,3,5-Trimethylbenzene	18.4		0.15	1.00	ug/L
106-43-4	4-Chlorotoluene	18.0		0.13	1.00	ug/L
98-06-6	tert-Butylbenzene	18.0		0.14	1.00	ug/L
95-63-6	1,2,4-Trimethylbenzene	18.4		0.14	1.00	ug/L
135-98-8	sec-Butylbenzene	18.4		0.13	1.00	ug/L
99-87-6	p-Isopropyltoluene	18.1		0.13	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	17.9		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	18.1		0.15	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	18.3		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	15.1		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	17.4		0.20	1.00	ug/L
87-68-3	Hexachlorobutadiene	17.1		0.30	1.00	ug/L
91-20-3	Naphthalene	16.6		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	17.9		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	48.2		74 - 125	96%	SPK: 50
1868-53-7	Dibromofluoromethane	49.8		75 - 124	100%	SPK: 50
2037-26-5	Toluene-d8	50.6		86 - 113	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.7		77 - 121	105%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	121000	5.562			
540-36-3	1,4-Difluorobenzene	198000	6.769			
3114-55-4	Chlorobenzene-d5	182000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	94200	12.018			

Raw Data: **VX046792.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:	VX0620WBSD02	SDG No.:	Q2378
Lab Sample ID:	VX0620WBSD02	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:	Prep Date	Date Analyzed	Prep Batch ID
VX046792.D	1		06/20/25 18:42	VX062025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Sample Results: **VX046792.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062025\
Data File : VX046792.D
Acq On : 20 Jun 2025 18:42
Operator : JC/MD
Sample : VX0620WBSD02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jun 21 00:12:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBSD02

Manual Integrations APPROVED

Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	120705	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	197926	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	182045	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	94174	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	80412	48.163	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 96.320%			
35) Dibromofluoromethane	5.397	113	65229	49.811	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.620%			
50) Toluene-d8	8.647	98	237880	50.560	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.120%			
62) 4-Bromofluorobenzene	11.079	95	92419	52.696	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	23492	18.229	ug/l	95
3) Chloromethane	1.307	50	24550	17.650	ug/l	98
4) Vinyl Chloride	1.386	62	27073	18.252	ug/l	93
5) Bromomethane	1.630	94	17332	20.769	ug/l	97
6) Chloroethane	1.703	64	16567	18.428	ug/l	99
7) Trichlorofluoromethane	1.904	101	40820	18.124	ug/l	100
8) Diethyl Ether	2.148	74	14298	18.498	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.349	101	25459	18.426	ug/l	99
10) Methyl Iodide	2.471	142	28127	19.187	ug/l	99
11) Tert butyl alcohol	2.953	59	9494	63.356	ug/l	97
12) 1,1-Dichloroethene	2.337	96	24747	18.561	ug/l	97
13) Acrolein	2.252	56	17936	82.173	ug/l	94
14) Allyl chloride	2.678	41	43381	17.958	ug/l	98
15) Acrylonitrile	3.075	53	56053	83.186	ug/l	99
16) Acetone	2.386	43	40885	73.434	ug/l	98
17) Carbon Disulfide	2.526	76	66786	16.588	ug/l	98
18) Methyl Acetate	2.715	43	23452	16.585	ug/l	100
19) Methyl tert-butyl Ether	3.123	73	72719	17.517	ug/l	100
20) Methylene Chloride	2.806	84	28293	18.273	ug/l	96
21) trans-1,2-Dichloroethene	3.105	96	25885	18.145	ug/l	98
22) Diisopropyl ether	3.770	45	90685	19.531	ug/l	96
23) Vinyl Acetate	3.733	43	329720	89.301	ug/l	96
24) 1,1-Dichloroethane	3.623	63	48463	18.383	ug/l	99
25) 2-Butanone	4.568	43	63065m	80.090	ug/l	
26) 2,2-Dichloropropane	4.489	77	33595	17.473	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	30937	18.459	ug/l	99
28) Bromochloromethane	4.910	49	24187	20.238	ug/l	99
29) Tetrahydrofuran	5.013	42	39437	77.540	ug/l	99
30) Chloroform	5.105	83	50023	18.974	ug/l	100
31) Cyclohexane	5.489	56	46034	18.414	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	42194	18.249	ug/l	99
36) 1,1-Dichloropropene	5.702	75	34769	18.393	ug/l	98
37) Ethyl Acetate	4.727	43	29091m	16.672	ug/l	
38) Carbon Tetrachloride	5.684	117	37276	18.170	ug/l	98
39) Methylcyclohexane	7.385	83	45496	18.289	ug/l	97
40) Benzene	6.050	78	107324	19.184	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062025\
Data File : VX046792.D
Acq On : 20 Jun 2025 18:42
Operator : JC/MD
Sample : VX0620WBSD02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jun 21 00:12:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBSD02

Manual Integrations APPROVED

Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.934	41	17152	18.438	ug/l		93
42) 1,2-Dichloroethane	6.092	62	36923	18.781	ug/l		97
43) Isopropyl Acetate	6.348	43	47152	17.269	ug/l		99
44) Trichloroethene	7.135	130	27024	18.954	ug/l		94
45) 1,2-Dichloropropane	7.434	63	27100	19.546	ug/l		98
46) Dibromomethane	7.586	93	18189	18.254	ug/l		99
47) Bromodichloromethane	7.824	83	39394	19.373	ug/l		100
48) Methyl methacrylate	7.696	41	24127	17.619	ug/l		99
49) 1,4-Dioxane	7.665	88	5621	302.408	ug/l	#	92
51) 4-Methyl-2-Pentanone	8.574	43	139590	85.717	ug/l		98
52) Toluene	8.720	92	67054	19.334	ug/l		98
53) t-1,3-Dichloropropene	8.982	75	34782	18.435	ug/l		99
54) cis-1,3-Dichloropropene	8.372	75	39974	18.663	ug/l		98
55) 1,1,2-Trichloroethane	9.153	97	25004	19.346	ug/l		96
56) Ethyl methacrylate	9.116	69	34109	17.877	ug/l		99
57) 1,3-Dichloropropane	9.311	76	43248	19.431	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.244	63	96768	97.638	ug/l		99
59) 2-Hexanone	9.427	43	92283	81.968	ug/l		99
60) Dibromochloromethane	9.519	129	29076	19.089	ug/l		100
61) 1,2-Dibromoethane	9.610	107	25121	19.108	ug/l		100
64) Tetrachloroethene	9.275	164	22518	17.854	ug/l		98
65) Chlorobenzene	10.079	112	75459	18.778	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.165	131	25391	18.800	ug/l		99
67) Ethyl Benzene	10.195	91	131355	18.708	ug/l		98
68) m/p-Xylenes	10.299	106	99811	38.150	ug/l		99
69) o-Xylene	10.640	106	47475	19.363	ug/l		96
70) Styrene	10.653	104	81295	18.946	ug/l		99
71) Bromoform	10.799	173	17909	17.412	ug/l	#	99
73) Isopropylbenzene	10.957	105	127763	18.421	ug/l		100
74) N-amyl acetate	10.842	43	42248	16.077	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	33761	17.433	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	26618m	15.432	ug/l		
77) Bromobenzene	11.195	156	29716	17.804	ug/l		98
78) n-propylbenzene	11.299	91	151361	18.373	ug/l		100
79) 2-Chlorotoluene	11.360	91	89555	18.207	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	104782	18.384	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	9153	15.000	ug/l		99
82) 4-Chlorotoluene	11.451	91	103304	17.996	ug/l		99
83) tert-Butylbenzene	11.713	119	105843	17.965	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	105636	18.447	ug/l		99
85) sec-Butylbenzene	11.890	105	137372	18.449	ug/l		100
86) p-Isopropyltoluene	12.006	119	113713	18.100	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	58189	17.880	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	58523	17.508	ug/l		99
89) n-Butylbenzene	12.329	91	108029	18.110	ug/l		100
90) Hexachloroethane	12.536	117	18545	16.857	ug/l		99
91) 1,2-Dichlorobenzene	12.335	146	55558	18.269	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	5776	15.107	ug/l		97
93) 1,2,4-Trichlorobenzene	13.585	180	37631	17.405	ug/l		98
94) Hexachlorobutadiene	13.719	225	15522	17.066	ug/l		99
95) Naphthalene	13.774	128	102000	16.559	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	36973	17.875	ug/l		99

Sample Results: **VX046792.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062025\
Data File : VX046792.D
Acq On : 20 Jun 2025 18:42
Operator : JC/MD
Sample : VX0620WBSD02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBSD02

Manual Integrations APPROVED

Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025

Quant Time: Jun 21 00:12:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

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

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

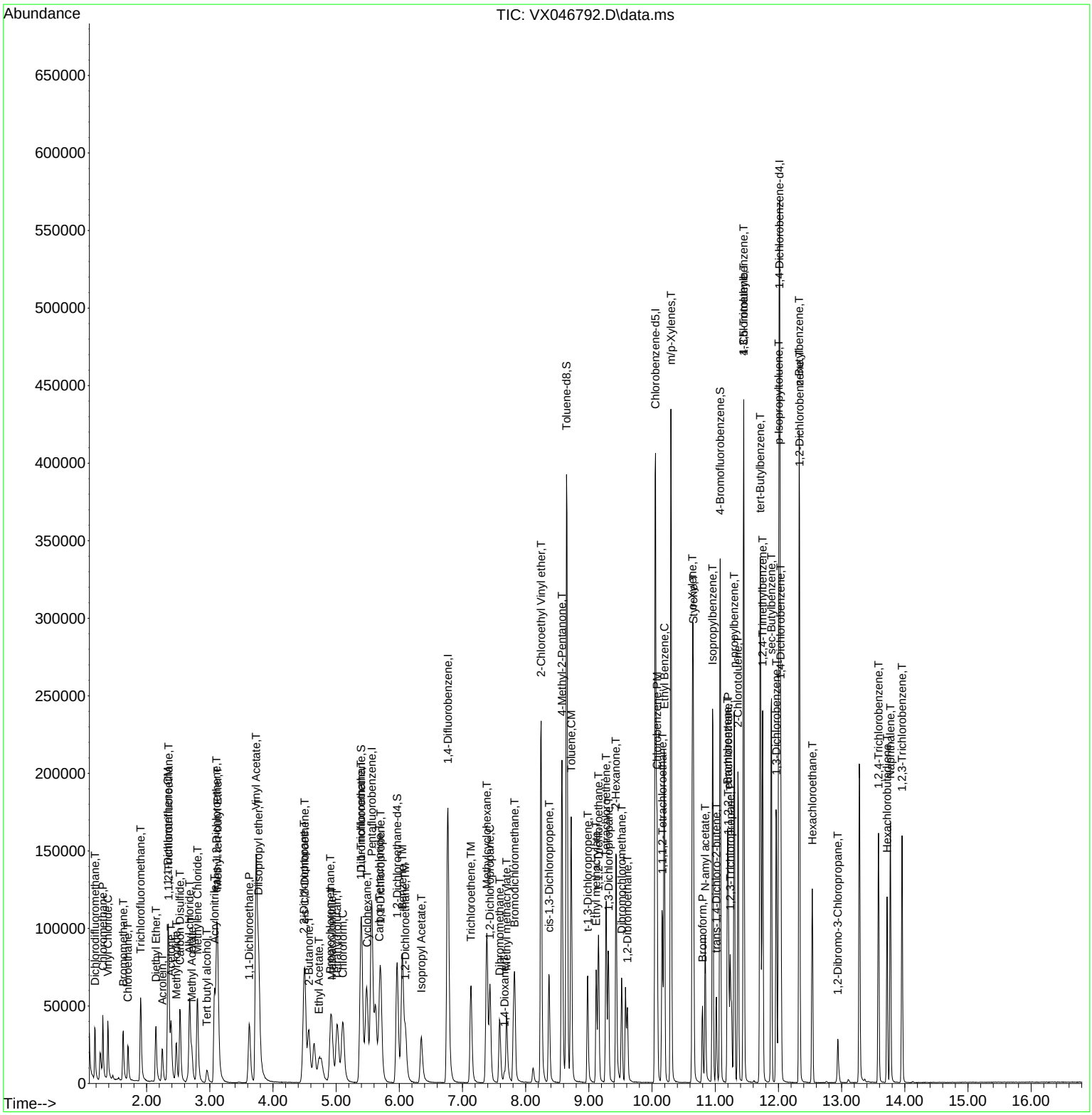
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062025\
Data File : VX046792.D
Acq On : 20 Jun 2025 18:42
Operator : JC/MD
Sample : VX0620WBSD02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jun 21 00:12:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0620WBSD02

Manual Integrations APPROVED

Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



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

Manual Integration Report

Sequence:	vx061725	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC005	VX046718.D	1,2,3-Trichloropropane	Sam	6/18/2025 5:26:54 PM	MMDadoda	6/18/2025 6:21:14 PM	Peak Integrated by Software
VSTDICC020	VX046719.D	1,2,3-Trichloropropane	Sam	6/18/2025 5:27:04 PM	MMDadoda	6/18/2025 6:21:20 PM	Peak Integrated by Software
VSTDICCC050	VX046720.D	1,2,3-Trichloropropane	Sam	6/18/2025 5:27:12 PM	MMDadoda	6/18/2025 6:21:32 PM	Peak Integrated by Software
VSTDICC100	VX046721.D	1,2,3-Trichloropropane	Sam	6/18/2025 5:27:20 PM	MMDadoda	6/18/2025 6:21:40 PM	Peak Integrated by Software
VSTDICC150	VX046722.D	1,2,3-Trichloropropane	Sam	6/18/2025 5:27:27 PM	MMDadoda	6/18/2025 6:21:48 PM	Peak Integrated by Software
VSTDICC001	VX046725.D	1,2,3-Trichloropropane	Sam	6/18/2025 5:27:40 PM	MMDadoda	6/18/2025 6:22:02 PM	Peak Integrated by Software
VSTDICC001	VX046725.D	1,4-Dichlorobenzene	Sam	6/18/2025 5:27:40 PM	MMDadoda	6/18/2025 6:22:02 PM	Peak Integrated by Software
VSTDICC001	VX046725.D	2,2-Dichloropropane	Sam	6/18/2025 5:27:40 PM	MMDadoda	6/18/2025 6:22:02 PM	Peak Integrated by Software
VSTDICC001	VX046725.D	Chloroform	Sam	6/18/2025 5:27:40 PM	MMDadoda	6/18/2025 6:22:02 PM	Peak Integrated by Software
VSTDICC001	VX046725.D	Ethyl Acetate	Sam	6/18/2025 5:27:40 PM	MMDadoda	6/18/2025 6:22:02 PM	Peak Integrated by Software
VSTDICC001	VX046725.D	Methacrylonitrile	Sam	6/18/2025 5:27:40 PM	MMDadoda	6/18/2025 6:22:02 PM	Peak Integrated by Software
VSTDICV050	VX046726.D	1,2,3-Trichloropropane	Sam	6/18/2025 5:27:47 PM	MMDadoda	6/18/2025 6:22:09 PM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	vx061725	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:	VX062025	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC020	VX046777.D	1,2,3-Trichloropropane	JOHN	6/23/2025 8:51:05 AM	MMDadoda	6/23/2025 1:18:47 PM	Peak Integrated by Software
VSTDCCC020	VX046777.D	Bromochloromethane	JOHN	6/23/2025 8:51:05 AM	MMDadoda	6/23/2025 1:18:47 PM	Peak Integrated by Software
VSTDCCC020	VX046777.D	Bromoform	JOHN	6/23/2025 8:51:05 AM	MMDadoda	6/23/2025 1:18:47 PM	Peak Integrated by Software
VSTDCCC020	VX046777.D	Carbon Tetrachloride	JOHN	6/23/2025 8:51:05 AM	MMDadoda	6/23/2025 1:18:47 PM	Peak Integrated by Software
VSTDCCC020	VX046777.D	Dibromochloromethane	JOHN	6/23/2025 8:51:05 AM	MMDadoda	6/23/2025 1:18:47 PM	Peak Integrated by Software
VSTDCCC020	VX046777.D	Ethyl Acetate	JOHN	6/23/2025 8:51:05 AM	MMDadoda	6/23/2025 1:18:47 PM	Peak Integrated by Software
VSTDCCC020	VX046777.D	Hexachloroethane	JOHN	6/23/2025 8:51:05 AM	MMDadoda	6/23/2025 1:18:47 PM	Peak Integrated by Software
VSTDCCC020	VX046777.D	Methacrylonitrile	JOHN	6/23/2025 8:51:05 AM	MMDadoda	6/23/2025 1:18:47 PM	Peak Integrated by Software
VSTDCCC020	VX046777.D	Methyl methacrylate	JOHN	6/23/2025 8:51:05 AM	MMDadoda	6/23/2025 1:18:47 PM	Peak Integrated by Software
VSTDCCC050	VX046784.D	1,2,3-Trichloropropane	JOHN	6/23/2025 8:51:37 AM	MMDadoda	6/23/2025 1:19:00 PM	Peak Integrated by Software
VX0620WBS02	VX046791.D	1,2,3-Trichloropropane	JOHN	6/23/2025 8:52:34 AM	MMDadoda	6/23/2025 1:19:03 PM	Peak Integrated by Software
VX0620WBS02	VX046791.D	2-Butanone	JOHN	6/23/2025 8:52:34 AM	MMDadoda	6/23/2025 1:19:03 PM	Peak Integrated by Software
VX0620WBS02	VX046791.D	Ethyl Acetate	JOHN	6/23/2025 8:52:34 AM	MMDadoda	6/23/2025 1:19:03 PM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	VX062025	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VX0620WBSD02	VX046792.D	1,2,3-Trichloropropane	JOHN	6/23/2025 8:52:38 AM	MMDadoda	6/23/2025 1:19:04 PM	Peak Integrated by Software
VX0620WBSD02	VX046792.D	2-Butanone	JOHN	6/23/2025 8:52:38 AM	MMDadoda	6/23/2025 1:19:04 PM	Peak Integrated by Software
VX0620WBSD02	VX046792.D	Ethyl Acetate	JOHN	6/23/2025 8:52:38 AM	MMDadoda	6/23/2025 1:19:04 PM	Peak Integrated by Software
VSTDCCC050	VX046802.D	1,2,3-Trichloropropane	JOHN	6/23/2025 8:52:43 AM	MMDadoda	6/23/2025 1:19:06 PM	Peak Integrated by Software
VSTDCCC050	VX046802.D	2-Butanone	JOHN	6/23/2025 8:52:43 AM	MMDadoda	6/23/2025 1:19:06 PM	Peak Integrated by Software

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

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX061725

Review By	Semsettin Yesilyurt	Review On	6/18/2025 5:28:16 PM		
Supervise By	Mahesh Dadoda	Supervise On	6/18/2025 6:22:48 PM		
SubDirectory	VX061725	HP Acquire Method		HP Processing Method	82X061725W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134389
Initial Calibration Stds	VP134390,VP134391,VP134392,VP134393,VP134394,VP134395
CCC	
Internal Standard/PEM	
ICV/I.BLK	VP134396
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX046715.D	17 Jun 2025 08:46	JC/MD	Ok
2	VSTDICC001	VX046716.D	17 Jun 2025 10:09	JC/MD	Not Ok
3	VSTDICC001	VX046717.D	17 Jun 2025 10:58	JC/MD	ReRun
4	VSTDICC005	VX046718.D	17 Jun 2025 11:19	JC/MD	Ok,M
5	VSTDICC020	VX046719.D	17 Jun 2025 13:59	JC/MD	Ok,M
6	VSTDICCC050	VX046720.D	17 Jun 2025 14:20	JC/MD	Ok,M
7	VSTDICC100	VX046721.D	17 Jun 2025 14:41	JC/MD	Ok,M
8	VSTDICC150	VX046722.D	17 Jun 2025 15:02	JC/MD	Ok,M
9	IBLK	VX046723.D	17 Jun 2025 15:23	JC/MD	Ok
10	VSTDICC001	VX046724.D	17 Jun 2025 16:20	JC/MD	Not Ok
11	VSTDICC001	VX046725.D	17 Jun 2025 17:18	JC/MD	Ok,M
12	VSTDICV050	VX046726.D	17 Jun 2025 18:00	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 # VX062025

Review By	John Carlone	Review On	6/23/2025 8:55:17 AM		
Supervise By	Mahesh Dadoda	Supervise On	6/23/2025 1:19:24 PM		
SubDirectory	VX062025	HP Acquire Method		HP Processing Method	624X061025W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134445,VP134451
Initial Calibration Stds	
CCC	VP134446,VP134447,VP134452,VP134453
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX046776.D	20 Jun 2025 08:08	JC/MD	Ok
2	VSTDCCC020	VX046777.D	20 Jun 2025 09:16	JC/MD	Ok,M
3	VX0620WBS01	VX046778.D	20 Jun 2025 11:17	JC/MD	Ok,M
4	VX0620WBSD01	VX046779.D	20 Jun 2025 12:13	JC/MD	Ok,M
5	VX0620WBL01	VX046780.D	20 Jun 2025 13:40	JC/MD	Ok,M
6	Q2366-02	VX046781.D	20 Jun 2025 14:10	JC/MD	Ok,M
7	Q2366-01	VX046782.D	20 Jun 2025 14:31	JC/MD	Ok,M
8	BFB	VX046783.D	20 Jun 2025 14:51	JC/MD	Ok
9	VSTDCCC050	VX046784.D	20 Jun 2025 15:49	JC/MD	Ok,M
10	VX0620MBL01	VX046785.D	20 Jun 2025 16:17	JC/MD	Ok
11	VX0620WBL02	VX046786.D	20 Jun 2025 16:37	JC/MD	Ok
12	Q2258-01	VX046787.D	20 Jun 2025 16:58	JC/MD	Ok
13	Q2258-02	VX046788.D	20 Jun 2025 17:19	JC/MD	Ok
14	Q2258-03	VX046789.D	20 Jun 2025 17:40	JC/MD	Ok
15	Q2258-04	VX046790.D	20 Jun 2025 18:00	JC/MD	Ok
16	VX0620WBS02	VX046791.D	20 Jun 2025 18:21	JC/MD	Ok,M
17	VX0620WBSD02	VX046792.D	20 Jun 2025 18:42	JC/MD	Ok,M
18	Q2318-01	VX046793.D	20 Jun 2025 19:02	JC/MD	Ok
19	Q2318-02	VX046794.D	20 Jun 2025 19:23	JC/MD	Ok
20	Q2318-03	VX046795.D	20 Jun 2025 19:44	JC/MD	Ok
21	Q2318-04	VX046796.D	20 Jun 2025 20:04	JC/MD	Ok

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 # VX062025

Review By	John Carlone	Review On	6/23/2025 8:55:17 AM		
Supervise By	Mahesh Dadoda	Supervise On	6/23/2025 1:19:24 PM		
SubDirectory	VX062025	HP Acquire Method		HP Processing Method	624X061025W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134445,VP134451
Initial Calibration Stds	
CCC	VP134446,VP134447,VP134452,VP134453
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2378-01	VX046797.D	20 Jun 2025 20:25	JC/MD	Ok
23	Q2378-02	VX046798.D	20 Jun 2025 20:46	JC/MD	Ok
24	Q2378-03	VX046799.D	20 Jun 2025 21:07	JC/MD	Ok
25	Q2378-04	VX046800.D	20 Jun 2025 21:27	JC/MD	Ok
26	Q2385-01	VX046801.D	20 Jun 2025 21:48	JC/MD	Ok
27	VSTDCCC050	VX046802.D	20 Jun 2025 22:08	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 # VX061725

Review By	Semsettin Yesilyurt	Review On	6/18/2025 5:28:16 PM		
Supervise By	Mahesh Dadoda	Supervise On	6/18/2025 6:22:48 PM		
SubDirectory	VX061725	HP Acquire Method		HP Processing Method	82X061725W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134389
Initial Calibration Stds	VP134390,VP134391,VP134392,VP134393,VP134394,VP134395
CCC	
Internal Standard/PEM	
ICV/I.BLK	VP134396
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX046715.D	17 Jun 2025 08:46		JC/MD	Ok
2	VSTDICC001	VSTDICC001	VX046716.D	17 Jun 2025 10:09	RRF check	JC/MD	Not Ok
3	VSTDICC001	VSTDICC001	VX046717.D	17 Jun 2025 10:58	low response	JC/MD	ReRun
4	VSTDICC005	VSTDICC005	VX046718.D	17 Jun 2025 11:19		JC/MD	Ok,M
5	VSTDICC020	VSTDICC020	VX046719.D	17 Jun 2025 13:59	LR- 10,49	JC/MD	Ok,M
6	VSTDICCC050	VSTDICCC050	VX046720.D	17 Jun 2025 14:20		JC/MD	Ok,M
7	VSTDICC100	VSTDICC100	VX046721.D	17 Jun 2025 14:41		JC/MD	Ok,M
8	VSTDICC150	VSTDICC150	VX046722.D	17 Jun 2025 15:02		JC/MD	Ok,M
9	IBLK	IBLK	VX046723.D	17 Jun 2025 15:23		JC/MD	Ok
10	VSTDICC001	VSTDICC001	VX046724.D	17 Jun 2025 16:20	spike error	JC/MD	Not Ok
11	VSTDICC001	VSTDICC001	VX046725.D	17 Jun 2025 17:18		JC/MD	Ok,M
12	VSTDICV050	ICVVX061725	VX046726.D	17 Jun 2025 18:00		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 # VX062025

Review By	John Carlone	Review On	6/23/2025 8:55:17 AM		
Supervise By	Mahesh Dadoda	Supervise On	6/23/2025 1:19:24 PM		
SubDirectory	VX062025	HP Acquire Method		HP Processing Method	624X061025W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134445,VP134451
Initial Calibration Stds	
CCC	VP134446,VP134447,VP134452,VP134453
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	VX046776.D	20 Jun 2025 08:08		JC/MD	Ok
2	VSTDCCC020	VSTDCCC020	VX046777.D	20 Jun 2025 09:16	pH#Lot#V12668	JC/MD	Ok,M
3	VX0620WBS01	VX0620WBS01	VX046778.D	20 Jun 2025 11:17		JC/MD	Ok,M
4	VX0620WBSD01	VX0620WBSD01	VX046779.D	20 Jun 2025 12:13		JC/MD	Ok,M
5	VX0620WBL01	VX0620WBL01	VX046780.D	20 Jun 2025 13:40		JC/MD	Ok,M
6	Q2366-02	250618063-05-TRIP-BL	VX046781.D	20 Jun 2025 14:10	vial A pH#6.0	JC/MD	Ok,M
7	Q2366-01	250528063-02	VX046782.D	20 Jun 2025 14:31	vial A pH#6.0	JC/MD	Ok,M
8	BFB	BFB	VX046783.D	20 Jun 2025 14:51		JC/MD	Ok
9	VSTDCCC050	VSTDCCC050	VX046784.D	20 Jun 2025 15:49		JC/MD	Ok,M
10	VX0620MBL01	VX0620MBL01	VX046785.D	20 Jun 2025 16:17		JC/MD	Ok
11	VX0620WBL02	VX0620WBL02	VX046786.D	20 Jun 2025 16:37		JC/MD	Ok
12	Q2258-01	STORAGE-BLANK-SO	VX046787.D	20 Jun 2025 16:58	vial A pH<2	JC/MD	Ok
13	Q2258-02	STORAGE-BLANK-WA	VX046788.D	20 Jun 2025 17:19	vial A pH<2	JC/MD	Ok
14	Q2258-03	STORAGE-BLANK-WA	VX046789.D	20 Jun 2025 17:40	vial A pH<2	JC/MD	Ok
15	Q2258-04	STORAGE-BLANK-SA	VX046790.D	20 Jun 2025 18:00	vial A pH<2	JC/MD	Ok
16	VX0620WBS02	VX0620WBS02	VX046791.D	20 Jun 2025 18:21		JC/MD	Ok,M
17	VX0620WBSD02	VX0620WBSD02	VX046792.D	20 Jun 2025 18:42		JC/MD	Ok,M
18	Q2318-01	STORAGE-BLANK-SO	VX046793.D	20 Jun 2025 19:02	vial A pH<2	JC/MD	Ok

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 # VX062025

Review By	John Carlone	Review On	6/23/2025 8:55:17 AM		
Supervise By	Mahesh Dadoda	Supervise On	6/23/2025 1:19:24 PM		
SubDirectory	VX062025	HP Acquire Method		HP Processing Method	624X061025W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134445,VP134451
Initial Calibration Stds	
CCC	VP134446,VP134447,VP134452,VP134453
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q2318-02	STORAGE-BLANK-WA	VX046794.D	20 Jun 2025 19:23	vial A pH<2	JC/MD	Ok
20	Q2318-03	STORAGE-BLANK-WA	VX046795.D	20 Jun 2025 19:44	vial A pH<2	JC/MD	Ok
21	Q2318-04	STORAGE-BLANK-SA	VX046796.D	20 Jun 2025 20:04	vial A pH<2	JC/MD	Ok
22	Q2378-01	STORAGE-BLANK-SO	VX046797.D	20 Jun 2025 20:25	vial A pH<2	JC/MD	Ok
23	Q2378-02	STORAGE-BLANK-WA	VX046798.D	20 Jun 2025 20:46	vial A pH<2	JC/MD	Ok
24	Q2378-03	STORAGE-BLANK-WA	VX046799.D	20 Jun 2025 21:07	vial A pH<2	JC/MD	Ok
25	Q2378-04	STORAGE-BLANK-SA	VX046800.D	20 Jun 2025 21:27	vial A pH<2	JC/MD	Ok
26	Q2385-01	A5311	VX046801.D	20 Jun 2025 21:48	vial A pH<2	JC/MD	Ok
27	VSTDCCC050	VSTDCCC050EC	VX046802.D	20 Jun 2025 22:08		JC/MD	Ok,M

M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 6/23/2025

OVENTEMP IN Celsius(°C): 108
Time IN: 17:10
In Date: 06/20/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:28
Out Date: 06/21/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC: LB136215

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
Q2371-04	RPXY42025	1	1.14	10.84	11.98	10.84	89.5	
Q2371-05	BBX42025	2	1.12	10.76	11.88	10.44	86.6	
Q2371-06	GBUFF1	3	1.19	10.41	11.6	10.24	86.9	
Q2378-05	SVOC-GPC-BLANK	4	1.00	1.00	2.00	2.00	100.0	
Q2378-06	PEST-GPC-BLANK	5	1.00	1.00	2.00	2.00	100.0	
Q2378-07	PEST-GPC-BLANK-SPIKE	6	1.00	1.00	2.00	2.00	100.0	
Q2378-08	PCB-GPC-BLANK	7	1.00	1.00	2.00	2.00	100.0	
Q2378-09	PCB-GPC-BLANK-SPIKE	8	1.00	1.00	2.00	2.00	100.0	
Q2378-10	SVOC-GPC2-BLANK	9	1.00	1.00	2.00	2.00	100.0	
Q2378-11	PEST-GPC2-BLANK	10	1.00	1.00	2.00	2.00	100.0	
Q2378-12	PEST-GPC2-BLANK-SPIKE	11	1.00	1.00	2.00	2.00	100.0	
Q2378-13	PCB-GPC2-BLANK	12	1.00	1.00	2.00	2.00	100.0	
Q2378-14	PCB-GCP2-BLANK-SPIKE	13	1.00	1.00	2.00	2.00	100.0	
Q2380-01	72-11948	14	1.14	10.65	11.79	10.6	88.8	
Q2380-02	72-11948-E2	15	1.15	10.35	11.5	10.17	87.1	
Q2380-03	VNJ-211	16	1.19	10.67	11.86	10.22	84.6	
Q2380-04	VNJ-211-E2	17	1.19	10.63	11.82	9.91	82.0	
Q2380-05	RBR-200059	18	1.15	10.83	11.98	11.45	95.1	
Q2380-06	RBR-200059-E2	19	1.18	10.22	11.4	10.00	86.3	
Q2381-01	291431	20	1.17	10.23	11.4	9.76	84.0	
Q2381-02	291431-E2	21	1.14	9.98	11.12	9.5	83.8	
Q2381-03	VNJ-207	22	1.16	10.61	11.77	10.41	87.2	
Q2381-04	VNJ-207-E2	23	1.14	10.26	11.4	9.93	85.7	
Q2381-05	72-11929	24	1.18	10.26	11.44	10.57	91.5	
Q2381-06	72-11929-E2	25	1.16	10.32	11.48	10.62	91.7	
Q2383-01	RT-5376	26	1.19	10.54	11.73	11.21	95.1	
Q2383-02	RT-5376-E2	27	1.14	10.31	11.45	10.9	94.7	
Q2384-01	OK-01-6202025	28	1.19	10.47	11.66	10.52	89.1	

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 6/23/2025

OVENTEMP IN Celsius(°C): 108
Time IN: 17:10
In Date: 06/20/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:28
Out Date: 06/21/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC: LB136215

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
Q2384-02	OK-01-6202025-E2	29	1.19	10.62	11.81	10.96	92.0	
Q2386-01	SU-1-062025	30	1.13	10.19	11.32	10.05	87.5	
Q2387-01	AUD-25-101	31	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2387-02	AUD-25-102	32	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2387-03	AUD-25-103	33	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2388-01	TP-12	34	1.12	10.86	11.98	10.9	90.1	
Q2388-02	TP-12-EPH	35	1.16	10.65	11.81	10.72	89.8	
Q2388-03	TP-12-VOC	36	1.13	10.84	11.97	10.8	89.2	
Q2389-01	MH-J-I	37	1.15	10.70	11.85	10.67	89.0	
Q2389-02	MH-J-I-EPH	38	1.19	10.63	11.82	10.61	88.6	
Q2389-03	MH-J-I-VOC	39	1.16	10.48	11.64	10.45	88.6	
Q2391-01	AUD-1623	40	1.15	10.35	11.5	10.9	94.2	

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

WORKLIST(Hardcopy Internal Chain)

VB 13215

WorkList Name : %1-062025 **WorkList ID :** 190284 **Department :** Wet-Chemistry **Date :** 06-20-2025 08:17:23

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2371-04	RPXY42025	Solid	Percent Solids	Cool 4 deg C	GENV01	D51	06/19/2025	Chemtech -SO
Q2371-05	BBX42025	Solid	Percent Solids	Cool 4 deg C	GENV01	D51	06/19/2025	Chemtech -SO
Q2371-06	GBUFF1	Solid	Percent Solids	Cool 4 deg C	GENV01	D51	06/19/2025	Chemtech -SO
Q2378-05	SVOC-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	D41	06/13/2025	Chemtech -SO
Q2378-06	PEST-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	D41	06/13/2025	Chemtech -SO
Q2378-07	PEST-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	D41	06/13/2025	Chemtech -SO
Q2378-08	PCB-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	D41	06/13/2025	Chemtech -SO
Q2378-09	PCB-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	D41	06/13/2025	Chemtech -SO
Q2378-10	SVOC-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	D41	06/13/2025	Chemtech -SO
Q2378-11	PEST-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	D41	06/13/2025	Chemtech -SO
Q2378-12	PEST-GPC2-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	D41	06/13/2025	Chemtech -SO
Q2378-13	PCB-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	D41	06/13/2025	Chemtech -SO
Q2378-14	PCB-GCP2-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	D41	06/13/2025	Chemtech -SO
Q2380-01	72-11948	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	06/20/2025	Chemtech -SO
Q2380-02	72-11948-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	06/20/2025	Chemtech -SO
Q2380-03	VNJ-211	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	06/20/2025	Chemtech -SO
Q2380-04	VNJ-211-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	06/20/2025	Chemtech -SO
Q2380-05	RBR-200059	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	06/20/2025	Chemtech -SO
Q2380-06	RBR-200059-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	06/20/2025	Chemtech -SO
Q2381-01	291431	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	06/20/2025	Chemtech -SO
Q2381-02	291431-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	06/20/2025	Chemtech -SO

Date/Time 06/20/25 15:10

Raw Sample Received by: [signature]

Raw Sample Relinquished by: [signature]

Date/Time 06/20/25 17:20

Raw Sample Received by: [signature]

Raw Sample Relinquished by: [signature]

WORKLIST(Hardcopy Internal Chain)

VB 13215

WorkList Name : %1-062025 **WorkList ID :** 190284 **Department :** Wet-Chemistry **Date :** 06-20-2025 08:17:23

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2381-03	VNJ-207	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	06/20/2025	Chemtech -SO
Q2381-04	VNJ-207-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	06/20/2025	Chemtech -SO
Q2381-05	72-11929	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	06/20/2025	Chemtech -SO
Q2381-06	72-11929-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	06/20/2025	Chemtech -SO
Q2383-01	RT-5376	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	06/20/2025	Chemtech -SO
Q2383-02	RT-5376-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	06/20/2025	Chemtech -SO
Q2384-01	OK-01-6202025	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	06/20/2025	Chemtech -SO
Q2384-02	OK-01-6202025-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	D51	06/20/2025	Chemtech -SO
Q2386-01	SU-01-062025	Solid	Percent Solids	Cool 4 deg C	PSEG05	D51	06/20/2025	Chemtech -SO
Q2387-01	AUD-25-101	Solid	Percent Solids	Cool 4 deg C	PSEG03	D51	06/20/2025	Chemtech -SO
Q2387-02	AUD-25-102	Solid	Percent Solids	Cool 4 deg C	PSEG03	D51	06/20/2025	Chemtech -SO
Q2387-03	AUD-25-103	Solid	Percent Solids	Cool 4 deg C	PSEG03	D51	06/20/2025	Chemtech -SO
Q2388-01	TP-12	Solid	Percent Solids	Cool 4 deg C	PSEG03	D51	06/20/2025	Chemtech -SO
Q2388-02	TP-12-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	D51	06/20/2025	Chemtech -SO
Q2388-03	TP-12-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	D51	06/20/2025	Chemtech -SO
Q2389-01	MH-J-I	Solid	Percent Solids	Cool 4 deg C	PSEG03	D51	06/20/2025	Chemtech -SO
Q2389-02	MH-J-I-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	D51	06/20/2025	Chemtech -SO
Q2389-03	MH-J-I-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	D51	06/20/2025	Chemtech -SO
Q2391-01	AUD-1633	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	06/20/2025	Chemtech -SO

Date/Time 06/20/25 15:10

Raw Sample Received by:

Raw Sample Relinquished by:

Date/Time 06/20/25 17:20

Raw Sample Received by:

Raw Sample Relinquished by:

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

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

CHAIN OF CUSTODY RECORD

Alliance Project Number: Q2378

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

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. Sam	06/20/25	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 2.0
☐ 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

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: Q2378

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 H20	SVOC-Full+25-8270	PESTICIDE-TCL	PCB					

PRESERVATIVES

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.	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.																

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

RELINQUISHED BY SAMPLER	DATE/TIME	RECEIVED BY
1. Sam	06/20(25	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 2.0
MeOH extraction requires an additional 4oz. Jar for percent solid ☐ Ice in Cooler?:_____
Comments:

Page 2 of 2

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

Shipment Complete ☐ YES ☐ NO

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

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

Laboratory Certification

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

QA Control Code: A2070148