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:	Q1469	**OrderDate:**	2/28/2025 12:47:00 PM
Client:	Chemtech Consulting Group	**Project:**	Weekly Storage Blanks
Contact:	QA Officer	**Location:**	H11,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1469-01	**Storage-Blank-SOIL-REF-6**	**Water**			**02/28/25**			**02/28/25**
			VOC- Chemtech Full	8260-Low			02/28/25	
Q1469-02	**Storage-Blank-WATER-REF-5**	**Water**			**02/28/25**			**02/28/25**
			VOC- Chemtech Full	8260-Low			02/28/25	
Q1469-03	**Storage-Blank-WATER-REF-4**	**Water**			**02/28/25**			**02/28/25**
			VOC- Chemtech Full	8260-Low			02/28/25	
Q1469-04	**Storage-Blank-SAMPLE-MANAGEMENT**	**Water**			**02/28/25**			**02/28/25**
			VOC- Chemtech Full	8260-Low			02/28/25	

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Hit Summary Sheet
SW-846

SDG No.: Q1469

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.: Q1469

Client: Chemtech Consulting Group

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits Low	Limits High
Q1469-01	Storage-Blank-SOIL-REF-6	1,2-Dichloroethane-d4	50	51.2	102	74	125
		Dibromofluoromethane	50	50.5	101	75	124
		Toluene-d8	50	51.7	103	86	113
		4-Bromofluorobenzene	50	51.2	102	77	121
Q1469-02	Storage-Blank-WATER-REF-5	1,2-Dichloroethane-d4	50	53.1	106	74	125
		Dibromofluoromethane	50	51.4	103	75	124
		Toluene-d8	50	51.2	102	86	113
		4-Bromofluorobenzene	50	52.9	106	77	121
Q1469-03	Storage-Blank-WATER-REF-4	1,2-Dichloroethane-d4	50	53.2	106	74	125
		Dibromofluoromethane	50	52.0	104	75	124
		Toluene-d8	50	50.8	102	86	113
		4-Bromofluorobenzene	50	53.0	106	77	121
Q1469-04	Storage-Blank-SAMPLE-MANAGEME	1,2-Dichloroethane-d4	50	53.1	106	74	125
		Dibromofluoromethane	50	51.2	102	75	124
		Toluene-d8	50	51.1	102	86	113
		4-Bromofluorobenzene	50	51.9	104	77	121
VX0228WBL01	VX0228WBL01	1,2-Dichloroethane-d4	50	50.0	100	74	125
		Dibromofluoromethane	50	51.0	102	75	124
		Toluene-d8	50	50.9	102	86	113
		4-Bromofluorobenzene	50	53.3	107	77	121
VX0228WBS01	VX0228WBS01	1,2-Dichloroethane-d4	50	46.9	94	74	125
		Dibromofluoromethane	50	48.2	96	75	124
		Toluene-d8	50	50.1	100	86	113
		4-Bromofluorobenzene	50	51.0	102	77	121
VX0228WBSD0	VX0228WBSD01	1,2-Dichloroethane-d4	50	48.0	96	74	125
		Dibromofluoromethane	50	49.6	99	75	124
		Toluene-d8	50	50.1	100	86	113
		4-Bromofluorobenzene	50	51.6	103	77	121

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1469

Client: Chemtech Consulting Group

Analytical Method: SW8260-Low **Datafile :** VX045080.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0228WBS01	Dichlorodifluoromethane	20	19.1	ug/L	96			69	116	
	Chloromethane	20	18.6	ug/L	93			65	116	
	Vinyl chloride	20	18.4	ug/L	92			65	117	
	Ethyl Acetate	20	17.8	ug/L	89			75	115	
	Bromomethane	20	17.7	ug/L	89			58	125	
	Chloroethane	20	16.6	ug/L	83			56	128	
	Trichlorofluoromethane	20	18.6	ug/L	93			73	115	
	1,1,2-Trichlorotrifluoroethane	20	19.9	ug/L	100			80	112	
	Tert butyl alcohol	100	80.2	ug/L	80			73	124	
	1,1-Dichloroethene	20	18.1	ug/L	91			74	110	
	Acrolein	100	110	ug/L	110			51	143	
	Acrylonitrile	100	89.2	ug/L	89			73	113	
	Acetone	100	83.3	ug/L	83			60	125	
	Carbon disulfide	20	17.7	ug/L	89			64	112	
	Methyl tert-butyl Ether	20	17.9	ug/L	90			78	114	
	Methyl Acetate	20	17.5	ug/L	88			67	125	
	Methylene Chloride	20	17.9	ug/L	90			72	114	
	trans-1,2-Dichloroethene	20	18.6	ug/L	93			75	108	
	Vinyl Acetate	100	93.9	ug/L	94			76	115	
	1,1-Dichloroethane	20	17.9	ug/L	90			78	112	
	Cyclohexane	20	19.3	ug/L	97			75	110	
	2-Butanone	100	91.6	ug/L	92			65	122	
	Carbon Tetrachloride	20	18.5	ug/L	93			77	113	
	2,2-Dichloropropane	20	26.1	ug/L	131		*	75	116	
	cis-1,2-Dichloroethene	20	18.2	ug/L	91			77	110	
	Bromochloromethane	20	17.4	ug/L	87			70	124	
	Chloroform	20	18.1	ug/L	91			79	113	
	1,1,1-Trichloroethane	20	18.2	ug/L	91			80	108	
	Methylcyclohexane	20	20.8	ug/L	104			72	115	
	1,1-Dichloropropene	20	18.8	ug/L	94			79	110	
	Benzene	20	19.0	ug/L	95			82	109	
	1,2-Dichloroethane	20	18.6	ug/L	93			80	115	
	Trichloroethene	20	18.6	ug/L	93			77	113	
	1,2-Dichloropropane	20	18.6	ug/L	93			83	111	
	Dibromomethane	20	18.9	ug/L	95			82	110	
	Bromodichloromethane	20	18.6	ug/L	93			83	110	
	4-Methyl-2-Pentanone	100	95.6	ug/L	96			74	118	
	Toluene	20	19.6	ug/L	98			82	110	
	t-1,3-Dichloropropene	20	19.5	ug/L	98			79	110	
	cis-1,3-Dichloropropene	20	20.0	ug/L	100			82	110	
	1,1,2-Trichloroethane	20	19.1	ug/L	96			83	112	
	1,3-Dichloropropane	20	18.9	ug/L	95			83	111	
	2-Chloroethyl vinyl ether	100	100	ug/L	100			75	124	
	2-Hexanone	100	97.0	ug/L	97			73	117	
	Dibromochloromethane	20	18.5	ug/L	93			82	110	
	1,2-Dibromoethane	20	19.3	ug/L	97			81	110	
	Tetrachloroethene	20	19.0	ug/L	95			67	123	
	Chlorobenzene	20	19.6	ug/L	98			82	109	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1469

Client: Chemtech Consulting Group

Analytical Method: SW8260-Low **Datafile :** VX045080.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0228WBS01	1,1,1,2-Tetrachloroethane	20	18.4	ug/L	92			84	111	
	Hexachloroethane	20	18.5	ug/L	93			80	113	
	Ethyl Benzene	20	19.4	ug/L	97			83	109	
	m/p-Xylenes	40	40.1	ug/L	100			82	110	
	o-Xylene	20	19.7	ug/L	99			83	109	
	Styrene	20	20.2	ug/L	101			80	111	
	Bromoform	20	18.2	ug/L	91			79	109	
	Isopropylbenzene	20	19.4	ug/L	97			83	112	
	1,1,2,2-Tetrachloroethane	20	18.3	ug/L	92			76	118	
	1,2,3-Trichloropropane	20	17.8	ug/L	89			75	112	
	Bromobenzene	20	19.1	ug/L	96			77	116	
	N-propylbenzene	20	20.0	ug/L	100			83	112	
	2-Chlorotoluene	20	18.9	ug/L	95			83	110	
	1,3,5-Trimethylbenzene	20	20.1	ug/L	101			85	112	
	4-Chlorotoluene	20	19.3	ug/L	97			82	110	
	tert-Butylbenzene	20	19.3	ug/L	97			83	112	
	1,2,4-Trimethylbenzene	20	19.6	ug/L	98			85	111	
	Sec-butylbenzene	20	19.9	ug/L	100			81	114	
	p-Isopropyltoluene	20	20.4	ug/L	102			78	116	
	1,3-Dichlorobenzene	20	19.5	ug/L	98			82	108	
	1,4-Dichlorobenzene	20	19.4	ug/L	97			82	107	
	n-Butylbenzene	20	20.4	ug/L	102			75	115	
	1,2-Dichlorobenzene	20	19.4	ug/L	97			82	109	
	1,2-Dibromo-3-Chloropropane	20	17.7	ug/L	89			68	112	
	1,2,4-Trichlorobenzene	20	19.7	ug/L	99			75	113	
	Hexachlorobutadiene	20	20.4	ug/L	102			81	121	
	Naphthalene	20	19.2	ug/L	96			78	119	
	1,2,3-Trichlorobenzene	20	19.9	ug/L	100			76	114	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1469

Client: Chemtech Consulting Group

Analytical Method: SW8260-Low **Datafile :** VX045081.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0228WBSD01	Dichlorodifluoromethane	20	18.9	ug/L	95	1		69	116	20
	Chloromethane	20	18.6	ug/L	93	0		65	116	20
	Vinyl chloride	20	18.1	ug/L	91	1		65	117	20
	Ethyl Acetate	20	19.0	ug/L	95	7		75	115	20
	Bromomethane	20	18.7	ug/L	94	5		58	125	20
	Chloroethane	20	16.0	ug/L	80	4		56	128	20
	Trichlorofluoromethane	20	19.1	ug/L	96	3		73	115	20
	1,1,2-Trichlorotrifluoroethane	20	20.1	ug/L	101	1		80	112	20
	Tert butyl alcohol	100	84.8	ug/L	85	6		73	124	20
	1,1-Dichloroethene	20	18.2	ug/L	91	0		74	110	20
	Acrolein	100	120	ug/L	120	9		51	143	20
	Acrylonitrile	100	93.9	ug/L	94	5		73	113	20
	Acetone	100	88.6	ug/L	89	7		60	125	20
	Carbon disulfide	20	17.9	ug/L	90	1		64	112	20
	Methyl tert-butyl Ether	20	18.6	ug/L	93	3		78	114	20
	Methyl Acetate	20	18.5	ug/L	93	6		67	125	20
	Methylene Chloride	20	17.9	ug/L	90	0		72	114	20
	trans-1,2-Dichloroethene	20	18.8	ug/L	94	1		75	108	20
	Vinyl Acetate	100	98.3	ug/L	98	4		76	115	20
	1,1-Dichloroethane	20	18.0	ug/L	90	0		78	112	20
	Cyclohexane	20	19.6	ug/L	98	1		75	110	20
	2-Butanone	100	95.9	ug/L	96	4		65	122	20
	Carbon Tetrachloride	20	18.8	ug/L	94	1		77	113	20
	2,2-Dichloropropane	20	26.8	ug/L	134	2	*	75	116	20
	cis-1,2-Dichloroethene	20	18.9	ug/L	95	4		77	110	20
	Bromochloromethane	20	18.1	ug/L	91	4		70	124	20
	Chloroform	20	18.5	ug/L	93	2		79	113	20
	1,1,1-Trichloroethane	20	18.8	ug/L	94	3		80	108	20
	Methylcyclohexane	20	21.5	ug/L	108	4		72	115	20
	1,1-Dichloropropene	20	18.5	ug/L	93	1		79	110	20
	Benzene	20	19.3	ug/L	97	2		82	109	20
	1,2-Dichloroethane	20	19.1	ug/L	96	3		80	115	20
	Trichloroethene	20	19.0	ug/L	95	2		77	113	20
	1,2-Dichloropropane	20	19.0	ug/L	95	2		83	111	20
	Dibromomethane	20	19.4	ug/L	97	2		82	110	20
	Bromodichloromethane	20	19.0	ug/L	95	2		83	110	20
	4-Methyl-2-Pentanone	100	100	ug/L	100	4		74	118	20
	Toluene	20	19.9	ug/L	100	2		82	110	20
	t-1,3-Dichloropropene	20	19.9	ug/L	100	2		79	110	20
	cis-1,3-Dichloropropene	20	20.2	ug/L	101	1		82	110	20
	1,1,2-Trichloroethane	20	19.8	ug/L	99	3		83	112	20
	1,3-Dichloropropane	20	19.6	ug/L	98	3		83	111	20
	2-Chloroethyl vinyl ether	100	100	ug/L	100	0		75	124	20
	2-Hexanone	100	100	ug/L	100	3		73	117	20
	Dibromochloromethane	20	19.2	ug/L	96	3		82	110	20
	1,2-Dibromoethane	20	19.8	ug/L	99	2		81	110	20
	Tetrachloroethene	20	19.7	ug/L	99	4		67	123	20
	Chlorobenzene	20	19.7	ug/L	99	1		82	109	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1469

Client: Chemtech Consulting Group

Analytical Method: SW8260-Low **Datafile :** VX045081.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0228WBSD01	1,1,1,2-Tetrachloroethane	20	18.8	ug/L	94	2		84	111	20
	Hexachloroethane	20	18.2	ug/L	91	2		80	113	20
	Ethyl Benzene	20	19.8	ug/L	99	2		83	109	20
	m/p-Xylenes	40	41.0	ug/L	103	3		82	110	20
	o-Xylene	20	19.8	ug/L	99	0		83	109	20
	Styrene	20	20.3	ug/L	102	1		80	111	20
	Bromoform	20	18.6	ug/L	93	2		79	109	20
	Isopropylbenzene	20	19.7	ug/L	99	2		83	112	20
	1,1,2,2-Tetrachloroethane	20	18.8	ug/L	94	2		76	118	20
	1,2,3-Trichloropropane	20	18.7	ug/L	94	5		75	112	20
	Bromobenzene	20	19.2	ug/L	96	0		77	116	20
	N-propylbenzene	20	19.9	ug/L	100	0		83	112	20
	2-Chlorotoluene	20	19.1	ug/L	96	1		83	110	20
	1,3,5-Trimethylbenzene	20	20.1	ug/L	101	0		85	112	20
	4-Chlorotoluene	20	19.9	ug/L	100	3		82	110	20
	tert-Butylbenzene	20	19.3	ug/L	97	0		83	112	20
	1,2,4-Trimethylbenzene	20	19.9	ug/L	100	2		85	111	20
	Sec-butylbenzene	20	20.3	ug/L	102	2		81	114	20
	p-Isopropyltoluene	20	20.3	ug/L	102	0		78	116	20
	1,3-Dichlorobenzene	20	19.5	ug/L	98	0		82	108	20
	1,4-Dichlorobenzene	20	19.5	ug/L	98	1		82	107	20
	n-Butylbenzene	20	20.4	ug/L	102	0		75	115	20
	1,2-Dichlorobenzene	20	19.8	ug/L	99	2		82	109	20
	1,2-Dibromo-3-Chloropropane	20	18.5	ug/L	93	4		68	112	20
	1,2,4-Trichlorobenzene	20	20.7	ug/L	104	5		75	113	20
	Hexachlorobutadiene	20	20.4	ug/L	102	0		81	121	20
	Naphthalene	20	20.1	ug/L	101	5		78	119	20
	1,2,3-Trichlorobenzene	20	20.4	ug/L	102	2		76	114	20

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VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VX0228WBL01

Lab Name: CHEMTECH Contract: CHEM02

Lab Code: CHEM Case No.: Q1469 SAS No.: Q1469 SDG NO.: Q1469

Lab File ID: VX045079.D Lab Sample ID: VX0228WBL01

Date Analyzed: 02/28/2025 Time Analyzed: 11:23

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
VX0228WBS01	VX0228WBS01	VX045080.D	02/28/2025
VX0228WBSD01	VX0228WBSD01	VX045081.D	02/28/2025
Storage-Blank-SOIL-REF-6	Q1469-01	VX045091.D	02/28/2025
Storage-Blank-WATER-REF-5	Q1469-02	VX045092.D	02/28/2025
Storage-Blank-WATER-REF-4	Q1469-03	VX045093.D	02/28/2025
Storage-Blank-SAMPLE-MANAGEMENT	Q1469-04	VX045094.D	02/28/2025

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.: Q1469 SAS No.: Q1469 SDG NO.: Q1469

Lab File ID: VX045067.D BFB Injection Date: 02/28/2025

Instrument ID: MSVOA_X BFB Injection Time: 01:03

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	20.7
75	30.0 - 60.0% of mass 95	53.6
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	0.7 (1) 1
174	50.0 - 100.0% of mass 95	73.8
175	5.0 - 9.0% of mass 174	5.8 (7.9) 1
176	95.0 - 101.0% of mass 174	70.6 (95.6) 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
VSTDICC001	VSTDICC001	VX045068.D	02/28/2025	01:27
VSTDICC005	VSTDICC005	VX045069.D	02/28/2025	02:13
VSTDICC020	VSTDICC020	VX045070.D	02/28/2025	02:37
VSTDICCC050	VSTDICCC050	VX045071.D	02/28/2025	03:00
VSTDICC100	VSTDICC100	VX045072.D	02/28/2025	03:23
VSTDICC150	VSTDICC150	VX045073.D	02/28/2025	03:47

Raw Data: **VX045076.D**

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: CHEM02

Lab Code: CHEM Case No.: Q1469 SAS No.: Q1469 SDG NO.: Q1469

Lab File ID: VX045076.D BFB Injection Date: 02/28/2025

Instrument ID: MSVOA_X BFB Injection Time: 10:03

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	21.1
75	30.0 - 60.0% of mass 95	52.2
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.9
173	Less than 2.0% of mass 174	0.8 (1) 1
174	50.0 - 100.0% of mass 95	74.6
175	5.0 - 9.0% of mass 174	5.5 (7.4) 1
176	95.0 - 101.0% of mass 174	72.8 (97.6) 1
177	5.0 - 9.0% of mass 176	5.1 (7) 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	VX045077.D	02/28/2025	10:32
VX0228WBL01	VX0228WBL01	VX045079.D	02/28/2025	11:23
VX0228WBS01	VX0228WBS01	VX045080.D	02/28/2025	11:46
VX0228WBSD01	VX0228WBSD01	VX045081.D	02/28/2025	12:13
Storage-Blank-SOIL-REF-6	Q1469-01	VX045091.D	02/28/2025	16:07
Storage-Blank-WATER-REF-5	Q1469-02	VX045092.D	02/28/2025	16:31
Storage-Blank-WATER-REF-4	Q1469-03	VX045093.D	02/28/2025	16:54
Storage-Blank-SAMPLE-MANAGEMENT	Q1469-04	VX045094.D	02/28/2025	17:17

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

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: CHEM02

Lab Code: CHEM Case No.: Q1469 SAS No.: Q1469 SDG NO.: Q1469

Lab File ID: VX045077.D Date Analyzed: 02/28/2025

Instrument ID: MSVOA_X Time Analyzed: 10:32

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	111989	5.54	196414	6.75	172369	10.05
UPPER LIMIT	223978	6.037	392828	7.251	344738	10.549
LOWER LIMIT	55994.5	5.037	98207	6.251	86184.5	9.549
EPA SAMPLE NO.						
Storage-Blank-SOIL-REF-6	71717	5.55	141247	6.76	130502	10.06
Storage-Blank-WATER-REF-5	67134	5.54	133806	6.76	124730	10.05
Storage-Blank-WATER-REF-4	78776	5.54	154922	6.76	143838	10.05
Storage-Blank-SAMPLE-MANAGEMEN	69889	5.54	139482	6.76	127529	10.05
VX0228WBL01	76430	5.54	149381	6.76	137180	10.05
VX0228WBS01	108329	5.54	192724	6.76	169474	10.05
VX0228WBSD01	102676	5.54	183348	6.76	162382	10.05

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

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

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

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: CHEM02

Lab Code: CHEM Case No.: Q1469 SAS No.: Q1469 SDG NO.: Q1469

Lab File ID: VX045077.D Date Analyzed: 02/28/2025

Instrument ID: MSVOA_X Time Analyzed: 10:32

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

	IS4 AREA #	RT #				
12 HOUR STD	76314	12.018				
UPPER LIMIT	152628	12.518				
LOWER LIMIT	38157	11.518				
EPA SAMPLE NO.						
Storage-Blank-SOIL-REF-6	53203	12.02				
Storage-Blank-WATER-REF-5	51131	12.02				
Storage-Blank-WATER-REF-4	59939	12.02				
Storage-Blank-SAMPLE-MANAGEME	54300	12.02				
VX0228WBL01	59690	12.02				
VX0228WBS01	76472	12.02				
VX0228WBSD01	73363	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: **VX045091.D**

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Fax : 908 789 8922

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	02/28/25
Project:	Weekly Storage Blanks	Date Received:	02/28/25
Client Sample ID:	Storage-Blank-SOIL-REF-6	SDG No.:	Q1469
Lab Sample ID:	Q1469-01	Matrix:	Water
Analytical Method:	SW8260	% 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
VX045091.D	1		02/28/25 16:07	VX022825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.21	U	0.21	1.00	ug/L
74-87-3	Chloromethane	0.35	U	0.35	1.00	ug/L
75-01-4	Vinyl Chloride	0.34	U	0.34	1.00	ug/L
141-78-6	Ethyl Acetate	0.38	U	0.38	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.56	U	0.56	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.34	U	0.34	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	5.60	U	5.60	25.0	ug/L
75-35-4	1,1-Dichloroethene	0.26	U	0.26	1.00	ug/L
107-02-8	Acrolein	6.70	U	6.70	25.0	ug/L
107-13-1	Acrylonitrile	0.90	U	0.90	5.00	ug/L
67-64-1	Acetone	1.40	U	1.40	5.00	ug/L
75-15-0	Carbon Disulfide	0.32	U	0.32	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	0.60	U	0.60	1.00	ug/L
75-09-2	Methylene Chloride	0.32	U	0.32	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.25	U	0.25	1.00	ug/L
108-05-4	Vinyl Acetate	0.71	U	0.71	5.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	1.60	U	1.60	5.00	ug/L
78-93-3	2-Butanone	1.30	U	1.30	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
594-20-7	2,2-Dichloropropane	0.31	UQ	0.31	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.25	U	0.25	1.00	ug/L
74-97-5	Bromochloromethane	0.18	U	0.18	1.00	ug/L
67-66-3	Chloroform	0.26	U	0.26	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.19	U	0.19	1.00	ug/L
108-87-2	Methylcyclohexane	0.19	U	0.19	1.00	ug/L
563-58-6	1,1-Dichloropropene	0.18	U	0.18	1.00	ug/L

Raw Data: **VX045091.D**

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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	02/28/25
Project:	Weekly Storage Blanks	Date Received:	02/28/25
Client Sample ID:	Storage-Blank-SOIL-REF-6	SDG No.:	Q1469
Lab Sample ID:	Q1469-01	Matrix:	Water
Analytical Method:	SW8260	% 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
VX045091.D	1		02/28/25 16:07	VX022825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
71-43-2	Benzene	0.16	U	0.16	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.24	U	0.24	1.00	ug/L
79-01-6	Trichloroethene	0.32	U	0.32	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.19	U	0.19	1.00	ug/L
74-95-3	Dibromomethane	0.23	U	0.23	1.00	ug/L
75-27-4	Bromodichloromethane	0.24	U	0.24	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.75	U	0.75	5.00	ug/L
108-88-3	Toluene	0.18	U	0.18	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	0.21	U	0.21	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.18	U	0.18	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	0.17	U	0.17	1.00	ug/L
110-75-8	2-Chloroethyl Vinyl ether	1.80	U	1.80	5.00	ug/L
591-78-6	2-Hexanone	1.10	U	1.10	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.16	U	0.16	1.00	ug/L
127-18-4	Tetrachloroethene	0.25	U	0.25	1.00	ug/L
108-90-7	Chlorobenzene	0.13	U	0.13	1.00	ug/L
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.00	ug/L
67-72-1	Hexachloroethane	0	U	0	0	ug/L
100-41-4	Ethyl Benzene	0.16	U	0.16	1.00	ug/L
179601-23-1	m/p-Xylenes	0.31	U	0.31	2.00	ug/L
95-47-6	o-Xylene	0.14	U	0.14	1.00	ug/L
100-42-5	Styrene	0.16	U	0.16	1.00	ug/L
75-25-2	Bromoform	0.21	U	0.21	1.00	ug/L
98-82-8	Isopropylbenzene	0.13	U	0.13	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.27	U	0.27	1.00	ug/L
96-18-4	1,2,3-Trichloropropane	0.39	U	0.39	1.00	ug/L
108-86-1	Bromobenzene	0.26	U	0.26	1.00	ug/L
103-65-1	n-propylbenzene	0.14	U	0.14	1.00	ug/L
95-49-8	2-Chlorotoluene	0.16	U	0.16	1.00	ug/L

Raw Data: **VX045091.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:	02/28/25
Project:	Weekly Storage Blanks	Date Received:	02/28/25
Client Sample ID:	Storage-Blank-SOIL-REF-6	SDG No.:	Q1469
Lab Sample ID:	Q1469-01	Matrix:	Water
Analytical Method:	SW8260	% 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
VX045091.D	1		02/28/25 16:07	VX022825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-67-8	1,3,5-Trimethylbenzene	0.18	U	0.18	1.00	ug/L
106-43-4	4-Chlorotoluene	0.18	U	0.18	1.00	ug/L
98-06-6	tert-Butylbenzene	0.17	U	0.17	1.00	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.18	U	0.18	1.00	ug/L
135-98-8	sec-Butylbenzene	0.17	U	0.17	1.00	ug/L
99-87-6	p-Isopropyltoluene	0.15	U	0.15	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.24	U	0.24	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.27	U	0.27	1.00	ug/L
104-51-8	n-Butylbenzene	0.22	U	0.22	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	0.46	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.42	U	0.42	1.00	ug/L
87-68-3	Hexachlorobutadiene	0.31	U	0.31	1.00	ug/L
91-20-3	Naphthalene	0.59	U	0.59	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.51	U	0.51	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.2		74 - 125	102%	SPK: 50
1868-53-7	Dibromofluoromethane	50.5		75 - 124	101%	SPK: 50
2037-26-5	Toluene-d8	51.7		86 - 113	103%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.2		77 - 121	102%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	71700	5.55			
540-36-3	1,4-Difluorobenzene	141000	6.757			
3114-55-4	Chlorobenzene-d5	131000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	53200	12.018			

Raw Data: **VX045091.D**

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Fax : 908 789 8922

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	02/28/25
Project:	Weekly Storage Blanks	Date Received:	02/28/25
Client Sample ID:	Storage-Blank-SOIL-REF-6	SDG No.:	Q1469
Lab Sample ID:	Q1469-01	Matrix:	Water
Analytical Method:	SW8260	% 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
VX045091.D	1		02/28/25 16:07	VX022825

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\VX022825\
Data File : VX045091.D
Acq On : 28 Feb 2025 16:07
Operator : JC/MD
Sample : Q1469-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

Quant Time: Feb 28 23:09:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	71717	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	141247	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	130502	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	53203	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	58365	51.163	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.320%			
35) Dibromofluoromethane	5.379	113	47726	50.531	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.060%			
50) Toluene-d8	8.647	98	176905	51.665	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.340%			
62) 4-Bromofluorobenzene	11.079	95	58070	51.179	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.360%			

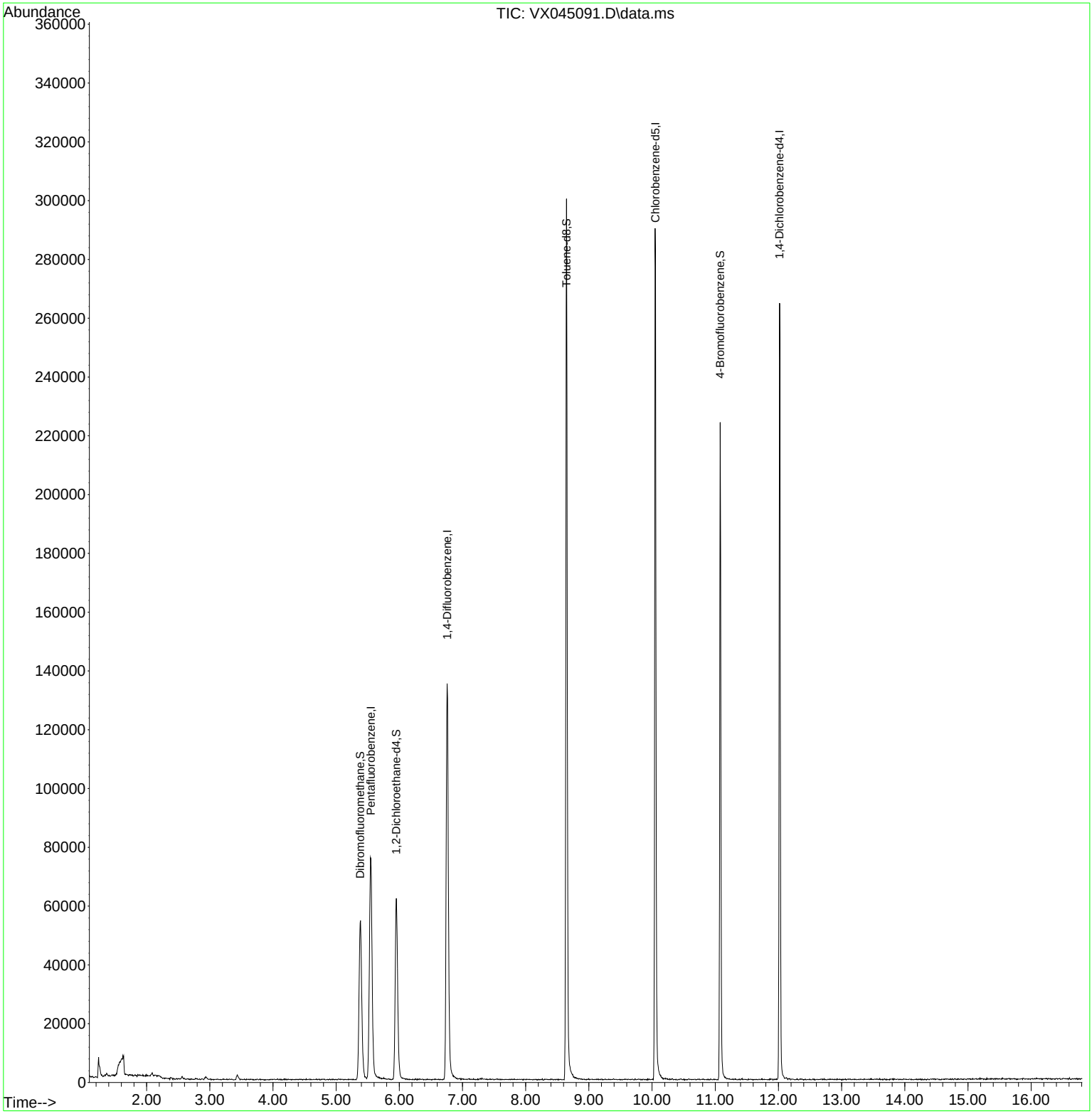
Target Compounds Qvalue

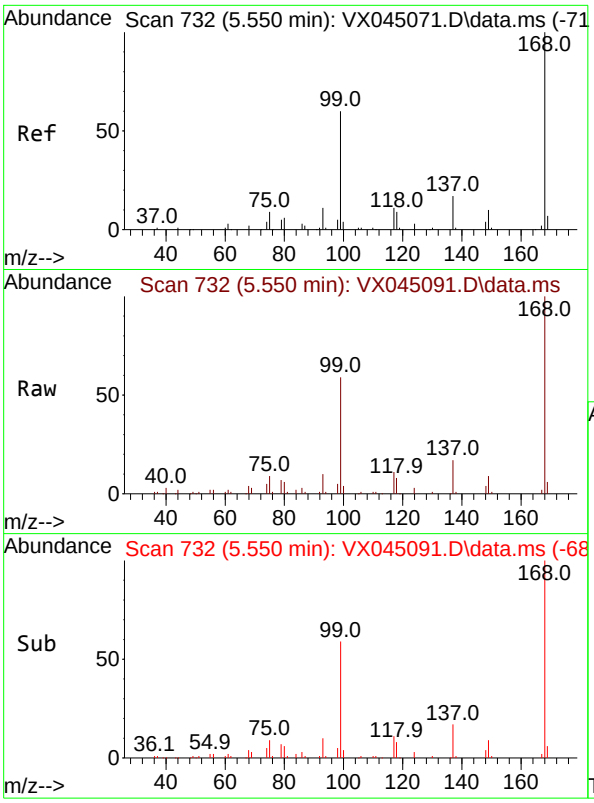
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045091.D
Acq On : 28 Feb 2025 16:07
Operator : JC/MD
Sample : Q1469-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

Quant Time: Feb 28 23:09:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration



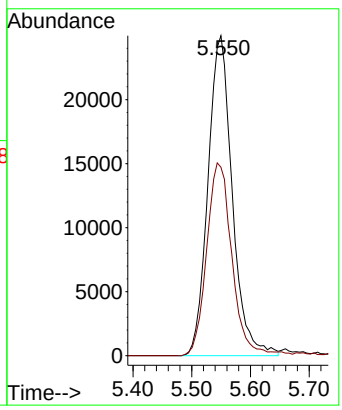


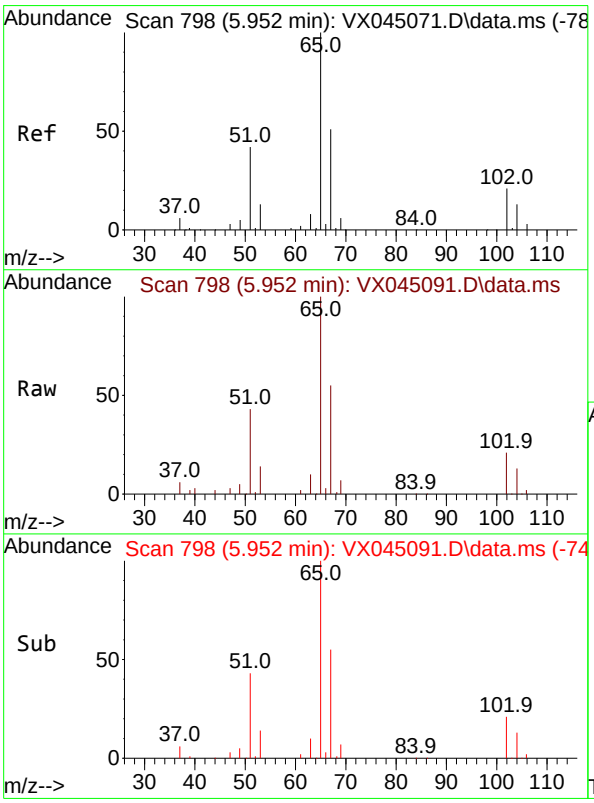
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX045091.D
Acq: 28 Feb 2025 16:07

Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

Tgt Ion:168 Resp: 71717

Ion	Ratio	Lower	Upper
168	100		
99	58.9	48.2	72.4

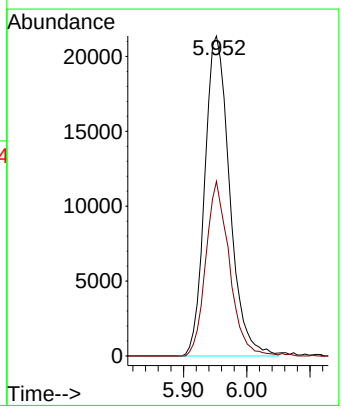


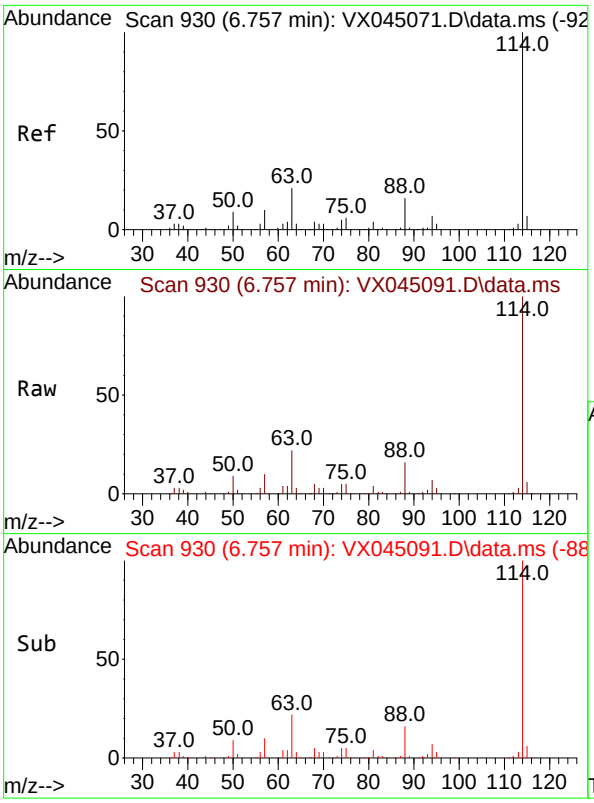


#33
1,2-Dichloroethane-d4
Concen: 51.163 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045091.D
Acq: 28 Feb 2025 16:07

Tgt Ion: 65 Resp: 58365

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	106.2



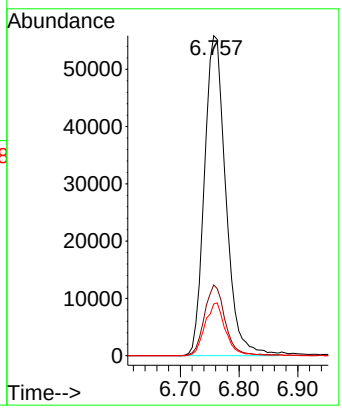


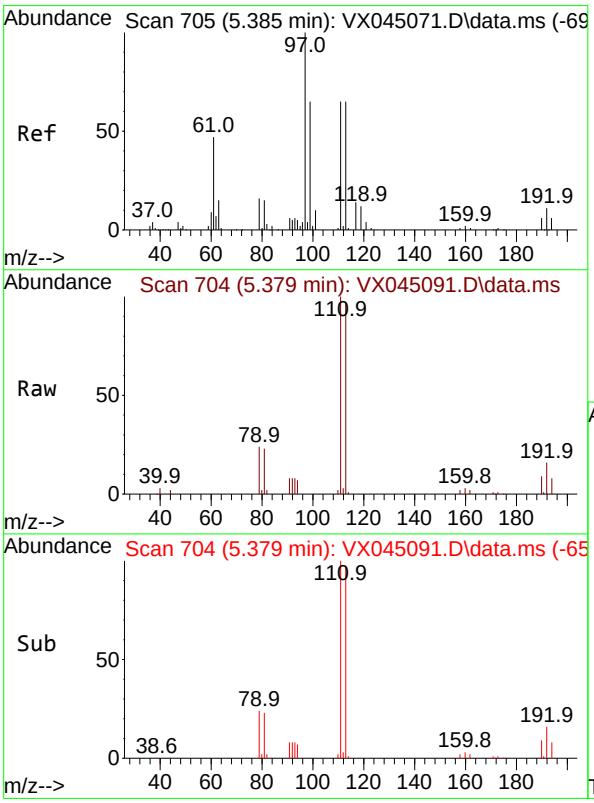
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX045091.D
Acq: 28 Feb 2025 16:07

Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

Tgt Ion:114 Resp: 141247

Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	41.8
88	16.2	0.0	32.8

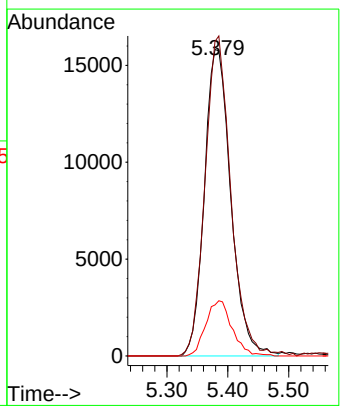


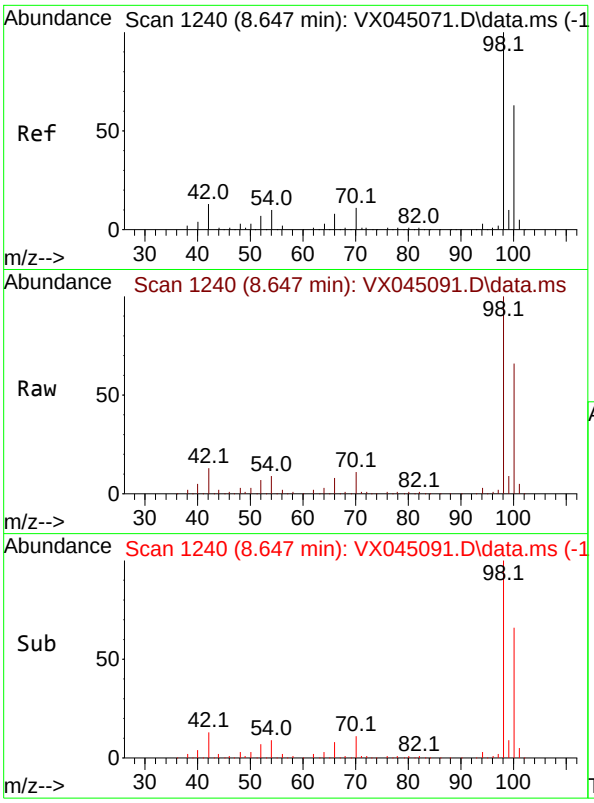


#35
Dibromofluoromethane
Concen: 50.531 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045091.D
Acq: 28 Feb 2025 16:07

Tgt Ion:113 Resp: 47726

Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.8	122.6
192	17.9	14.3	21.5



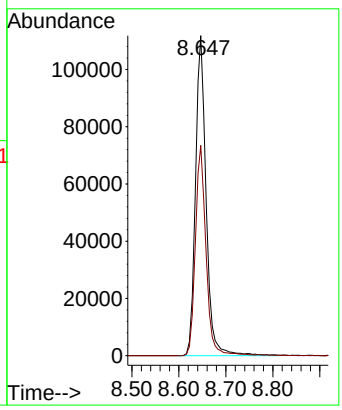


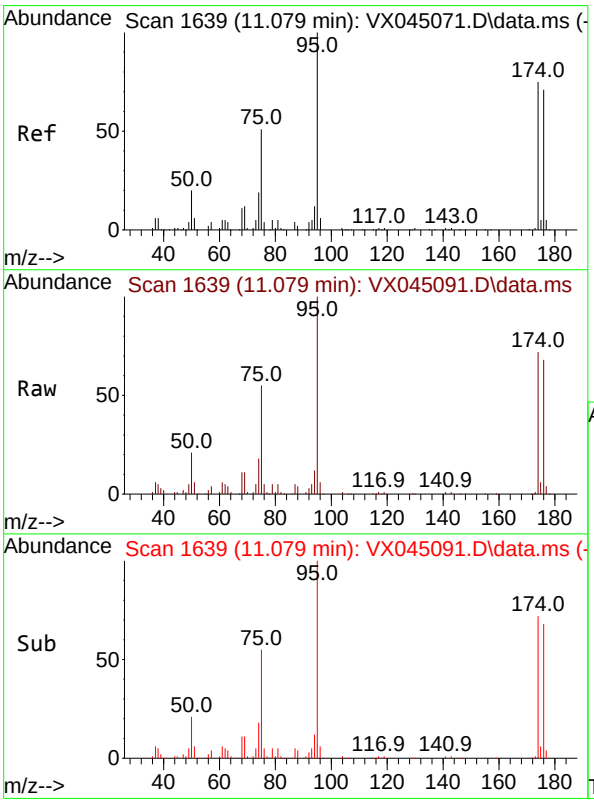
#50
Toluene-d8
Concen: 51.665 ug/l
RT: 8.647 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045091.D
Acq: 28 Feb 2025 16:07

Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

Tgt Ion: 98 Resp: 176905

Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.0	78.0

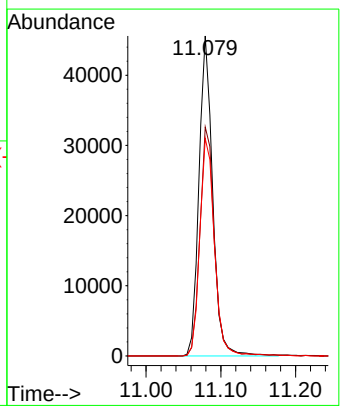


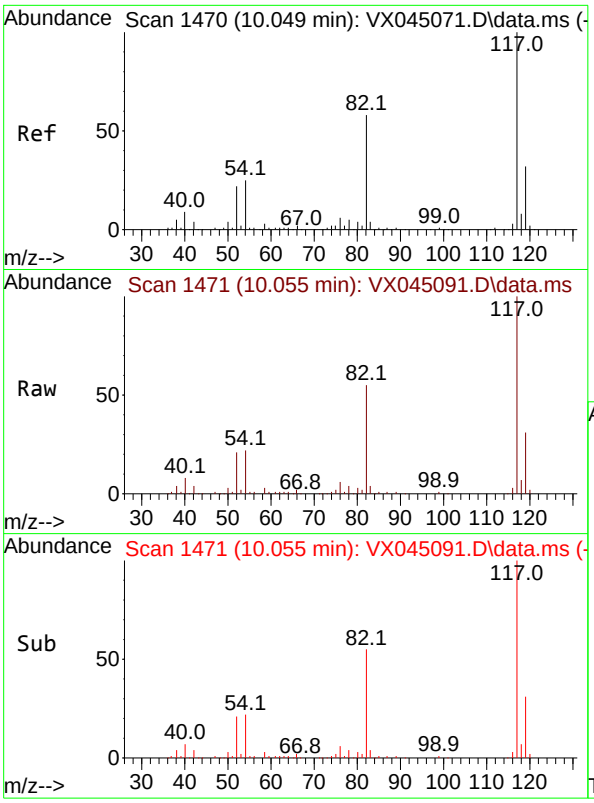


#62
4-Bromofluorobenzene
Concen: 51.179 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045091.D
Acq: 28 Feb 2025 16:07

Tgt Ion: 95 Resp: 58070

Ion	Ratio	Lower	Upper
95	100		
174	75.4	0.0	148.2
176	73.0	0.0	141.4



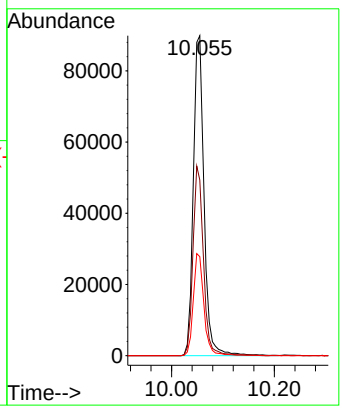


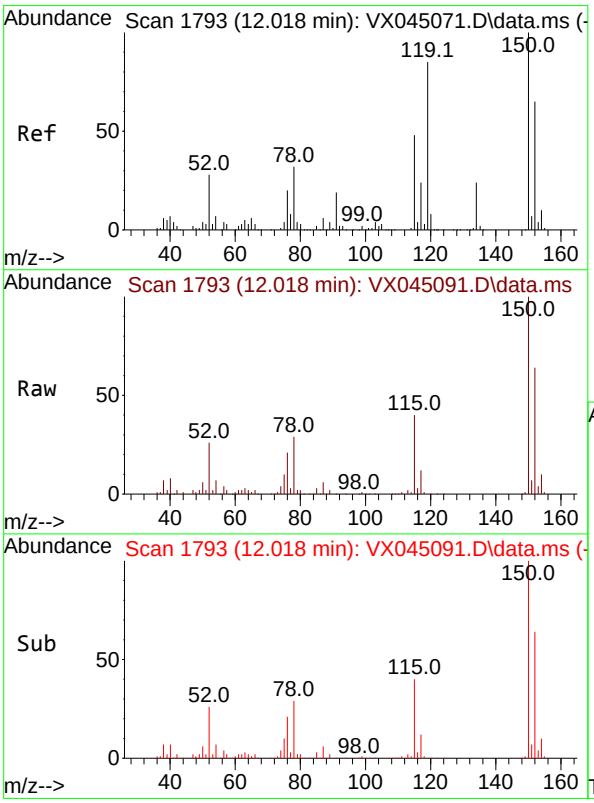
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX045091.D
Acq: 28 Feb 2025 16:07

Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

Tgt Ion:117 Resp: 130502

Ion	Ratio	Lower	Upper
117	100		
82	54.9	46.3	69.5
119	31.0	25.7	38.5

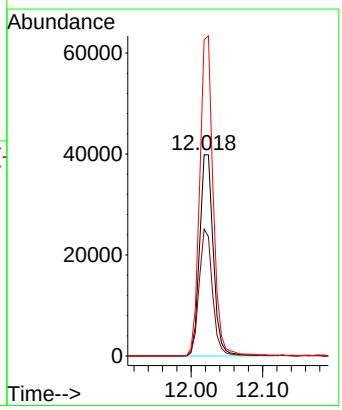




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045091.D
Acq: 28 Feb 2025 16:07

Tgt Ion:152 Resp: 53203

Ion	Ratio	Lower	Upper
152	100		
115	61.3	44.2	132.6
150	156.4	0.0	349.0



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:	02/28/25
Project:	Weekly Storage Blanks	Date Received:	02/28/25
Client Sample ID:	Storage-Blank-WATER-REF-5	SDG No.:	Q1469
Lab Sample ID:	Q1469-02	Matrix:	Water
Analytical Method:	SW8260	% 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
VX045092.D	1		02/28/25 16:31	VX022825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.21	U	0.21	1.00	ug/L
74-87-3	Chloromethane	0.35	U	0.35	1.00	ug/L
75-01-4	Vinyl Chloride	0.34	U	0.34	1.00	ug/L
141-78-6	Ethyl Acetate	0.38	U	0.38	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.56	U	0.56	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.34	U	0.34	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	5.60	U	5.60	25.0	ug/L
75-35-4	1,1-Dichloroethene	0.26	U	0.26	1.00	ug/L
107-02-8	Acrolein	6.70	U	6.70	25.0	ug/L
107-13-1	Acrylonitrile	0.90	U	0.90	5.00	ug/L
67-64-1	Acetone	1.40	U	1.40	5.00	ug/L
75-15-0	Carbon Disulfide	0.32	U	0.32	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	0.60	U	0.60	1.00	ug/L
75-09-2	Methylene Chloride	0.32	U	0.32	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.25	U	0.25	1.00	ug/L
108-05-4	Vinyl Acetate	0.71	U	0.71	5.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	1.60	U	1.60	5.00	ug/L
78-93-3	2-Butanone	1.30	U	1.30	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
594-20-7	2,2-Dichloropropane	0.31	UQ	0.31	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.25	U	0.25	1.00	ug/L
74-97-5	Bromochloromethane	0.18	U	0.18	1.00	ug/L
67-66-3	Chloroform	0.26	U	0.26	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.19	U	0.19	1.00	ug/L
108-87-2	Methylcyclohexane	0.19	U	0.19	1.00	ug/L
563-58-6	1,1-Dichloropropene	0.18	U	0.18	1.00	ug/L

Raw Data: **VX045092.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:	02/28/25
Project:	Weekly Storage Blanks	Date Received:	02/28/25
Client Sample ID:	Storage-Blank-WATER-REF-5	SDG No.:	Q1469
Lab Sample ID:	Q1469-02	Matrix:	Water
Analytical Method:	SW8260	% 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
VX045092.D	1		02/28/25 16:31	VX022825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
71-43-2	Benzene	0.16	U	0.16	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.24	U	0.24	1.00	ug/L
79-01-6	Trichloroethene	0.32	U	0.32	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.19	U	0.19	1.00	ug/L
74-95-3	Dibromomethane	0.23	U	0.23	1.00	ug/L
75-27-4	Bromodichloromethane	0.24	U	0.24	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.75	U	0.75	5.00	ug/L
108-88-3	Toluene	0.18	U	0.18	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	0.21	U	0.21	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.18	U	0.18	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	0.17	U	0.17	1.00	ug/L
110-75-8	2-Chloroethyl Vinyl ether	1.80	U	1.80	5.00	ug/L
591-78-6	2-Hexanone	1.10	U	1.10	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.16	U	0.16	1.00	ug/L
127-18-4	Tetrachloroethene	0.25	U	0.25	1.00	ug/L
108-90-7	Chlorobenzene	0.13	U	0.13	1.00	ug/L
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.00	ug/L
67-72-1	Hexachloroethane	0	U	0	0	ug/L
100-41-4	Ethyl Benzene	0.16	U	0.16	1.00	ug/L
179601-23-1	m/p-Xylenes	0.31	U	0.31	2.00	ug/L
95-47-6	o-Xylene	0.14	U	0.14	1.00	ug/L
100-42-5	Styrene	0.16	U	0.16	1.00	ug/L
75-25-2	Bromoform	0.21	U	0.21	1.00	ug/L
98-82-8	Isopropylbenzene	0.13	U	0.13	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.27	U	0.27	1.00	ug/L
96-18-4	1,2,3-Trichloropropane	0.39	U	0.39	1.00	ug/L
108-86-1	Bromobenzene	0.26	U	0.26	1.00	ug/L
103-65-1	n-propylbenzene	0.14	U	0.14	1.00	ug/L
95-49-8	2-Chlorotoluene	0.16	U	0.16	1.00	ug/L

Raw Data: **VX045092.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:	02/28/25
Project:	Weekly Storage Blanks	Date Received:	02/28/25
Client Sample ID:	Storage-Blank-WATER-REF-5	SDG No.:	Q1469
Lab Sample ID:	Q1469-02	Matrix:	Water
Analytical Method:	SW8260	% 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
VX045092.D	1		02/28/25 16:31	VX022825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-67-8	1,3,5-Trimethylbenzene	0.18	U	0.18	1.00	ug/L
106-43-4	4-Chlorotoluene	0.18	U	0.18	1.00	ug/L
98-06-6	tert-Butylbenzene	0.17	U	0.17	1.00	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.18	U	0.18	1.00	ug/L
135-98-8	sec-Butylbenzene	0.17	U	0.17	1.00	ug/L
99-87-6	p-Isopropyltoluene	0.15	U	0.15	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.24	U	0.24	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.27	U	0.27	1.00	ug/L
104-51-8	n-Butylbenzene	0.22	U	0.22	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	0.46	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.42	U	0.42	1.00	ug/L
87-68-3	Hexachlorobutadiene	0.31	U	0.31	1.00	ug/L
91-20-3	Naphthalene	0.59	U	0.59	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.51	U	0.51	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.1		74 - 125	106%	SPK: 50
1868-53-7	Dibromofluoromethane	51.4		75 - 124	103%	SPK: 50
2037-26-5	Toluene-d8	51.2		86 - 113	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.9		77 - 121	106%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	67100	5.544			
540-36-3	1,4-Difluorobenzene	134000	6.757			
3114-55-4	Chlorobenzene-d5	125000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	51100	12.024			

Raw Data: **VX045092.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:	02/28/25
Project:	Weekly Storage Blanks	Date Received:	02/28/25
Client Sample ID:	Storage-Blank-WATER-REF-5	SDG No.:	Q1469
Lab Sample ID:	Q1469-02	Matrix:	Water
Analytical Method:	SW8260	% 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
VX045092.D	1		02/28/25 16:31	VX022825

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: **VX045092.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045092.D
Acq On : 28 Feb 2025 16:31
Operator : JC/MD
Sample : Q1469-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-5

Quant Time: Feb 28 23:09:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	67134	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	133806	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	124730	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	51131	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	56687	53.084	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.160%			
35) Dibromofluoromethane	5.385	113	45974	51.383	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.760%			
50) Toluene-d8	8.647	98	166090	51.204	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.400%			
62) 4-Bromofluorobenzene	11.079	95	56829	52.871	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.740%			
Target Compounds						Qvalue

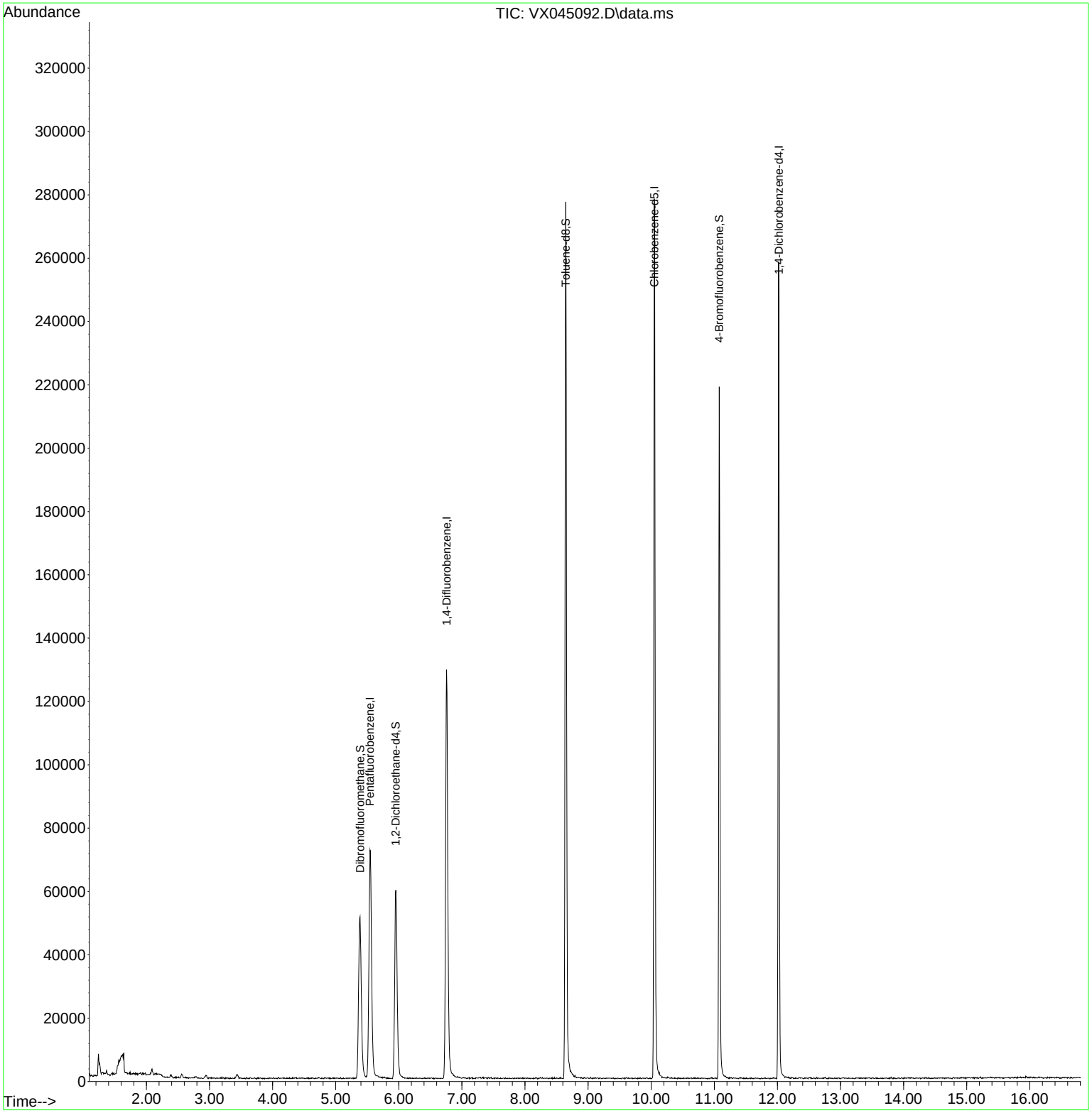
(#) = qualifier out of range (m) = manual integration (+) = signals summed

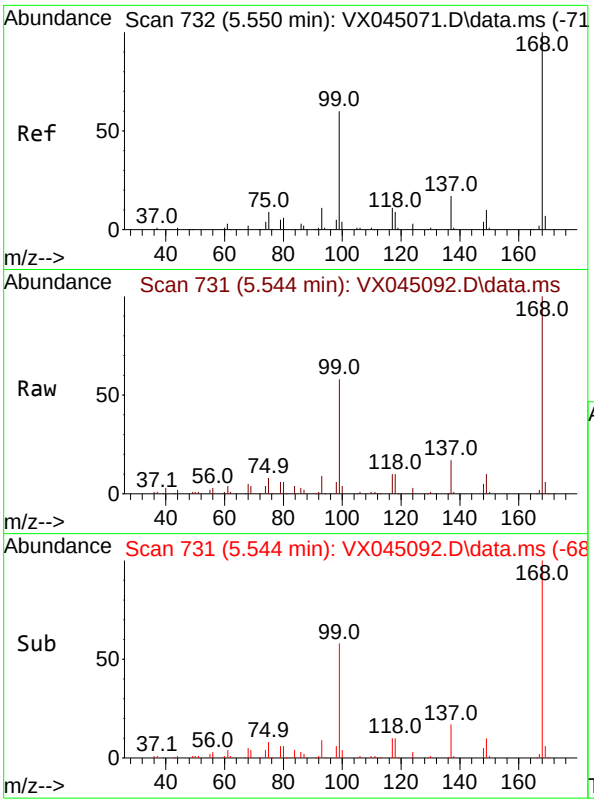
Sample Results: **VX045092.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045092.D
Acq On : 28 Feb 2025 16:31
Operator : JC/MD
Sample : Q1469-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-5

Quant Time: Feb 28 23:09:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration



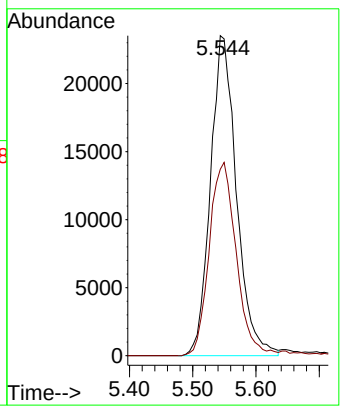


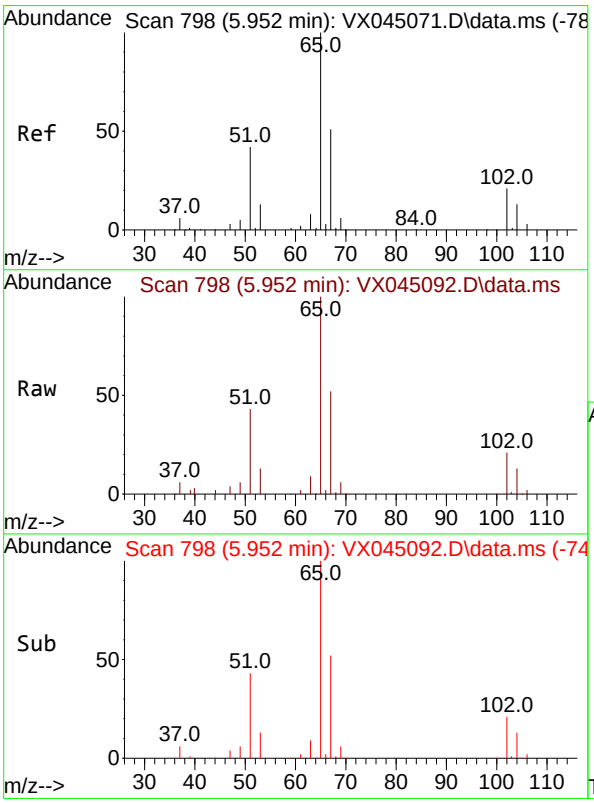
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045092.D
Acq: 28 Feb 2025 16:31

Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-5

Tgt Ion:168 Resp: 67134

Ion	Ratio	Lower	Upper
168	100		
99	58.2	48.2	72.4

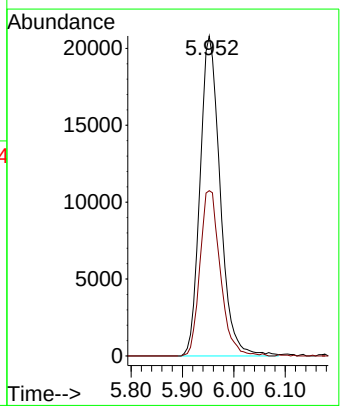


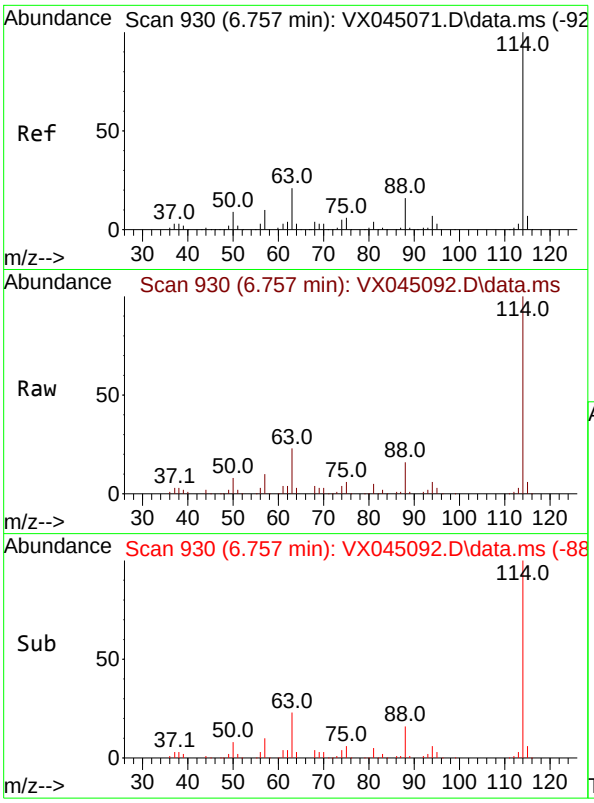


#33
1,2-Dichloroethane-d4
Concen: 53.084 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045092.D
Acq: 28 Feb 2025 16:31

Tgt Ion: 65 Resp: 56687

Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	106.2



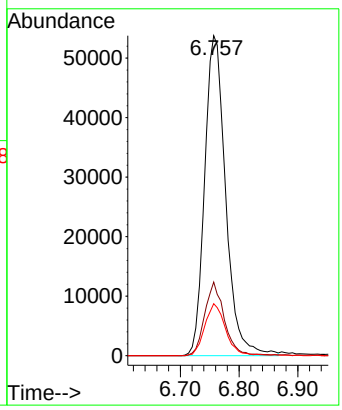


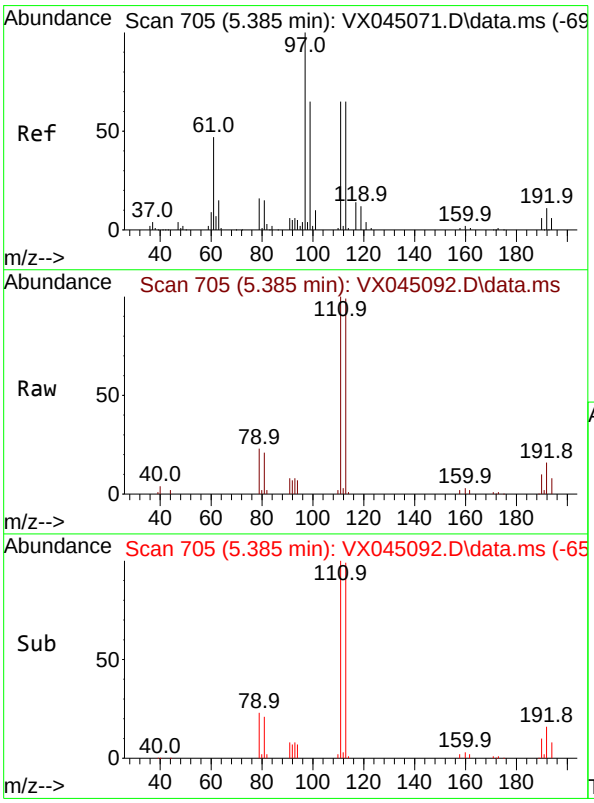
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX045092.D
Acq: 28 Feb 2025 16:31

Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-5

Tgt Ion:114 Resp: 133806

Ion	Ratio	Lower	Upper
114	100		
63	23.0	0.0	41.8
88	16.2	0.0	32.8

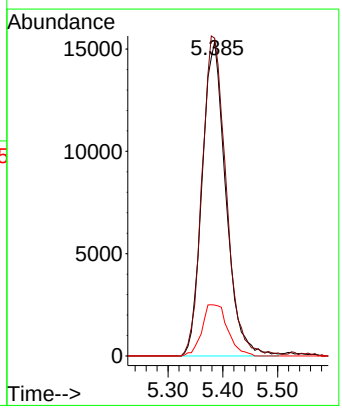


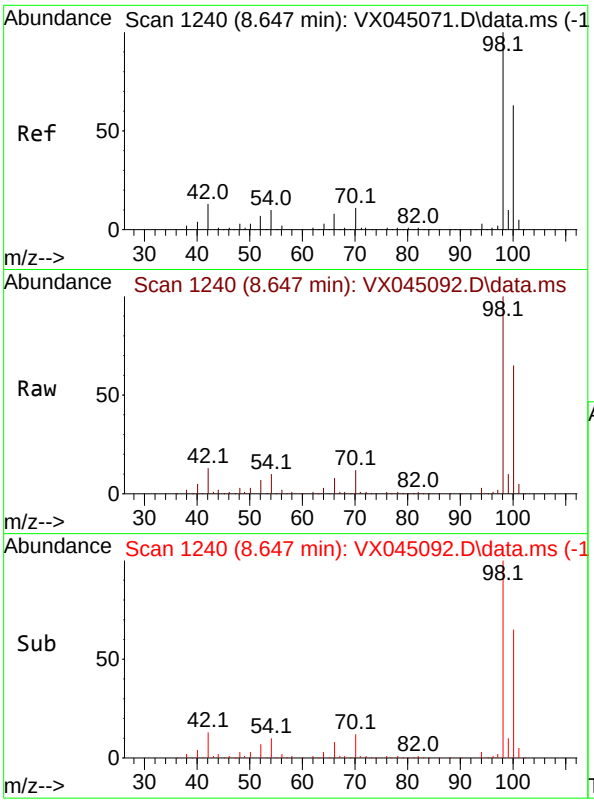


#35
Dibromofluoromethane
Concen: 51.383 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX045092.D
Acq: 28 Feb 2025 16:31

Tgt Ion:113 Resp: 45974

Ion	Ratio	Lower	Upper
113	100		
111	103.6	81.8	122.6
192	17.7	14.3	21.5



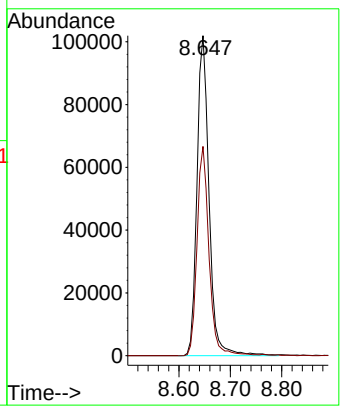


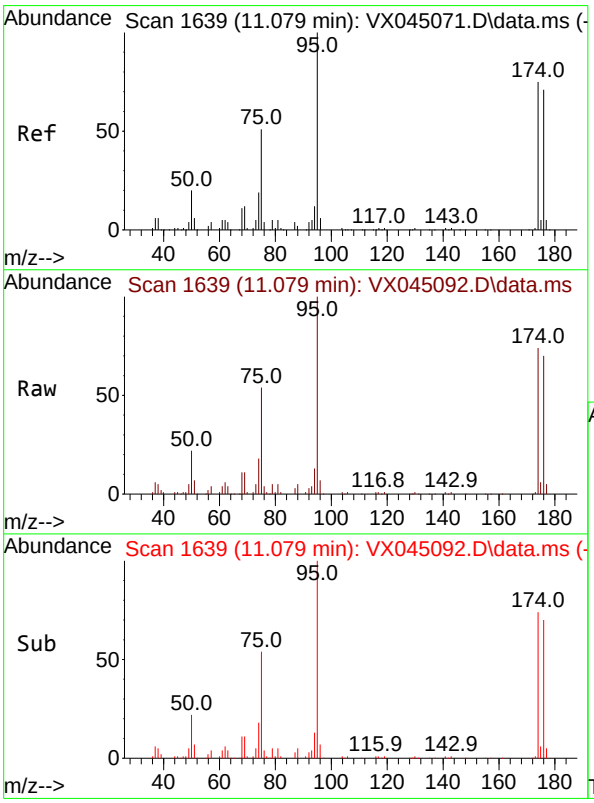
#50
Toluene-d8
Concen: 51.204 ug/l
RT: 8.647 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045092.D
Acq: 28 Feb 2025 16:31

Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-5

Tgt Ion: 98 Resp: 166090

Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.0	78.0

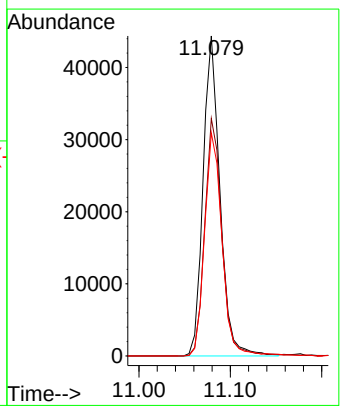


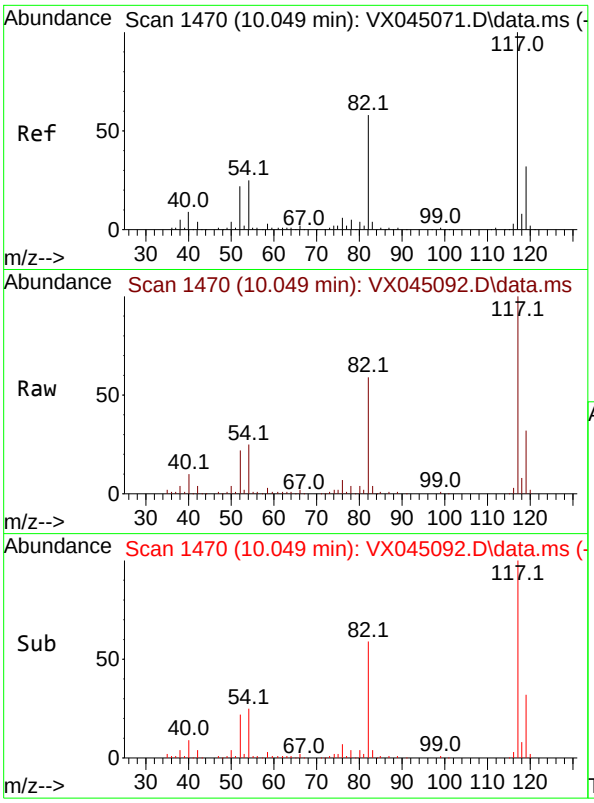


#62
4-Bromofluorobenzene
Concen: 52.871 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045092.D
Acq: 28 Feb 2025 16:31

Tgt Ion: 95 Resp: 56829

Ion	Ratio	Lower	Upper
95	100		
174	75.6	0.0	148.2
176	72.2	0.0	141.4



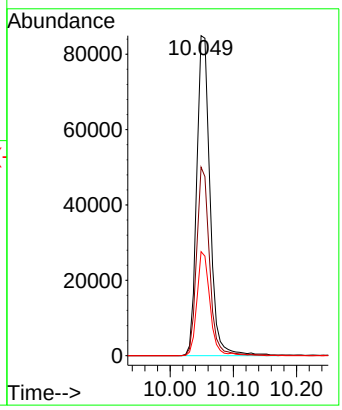


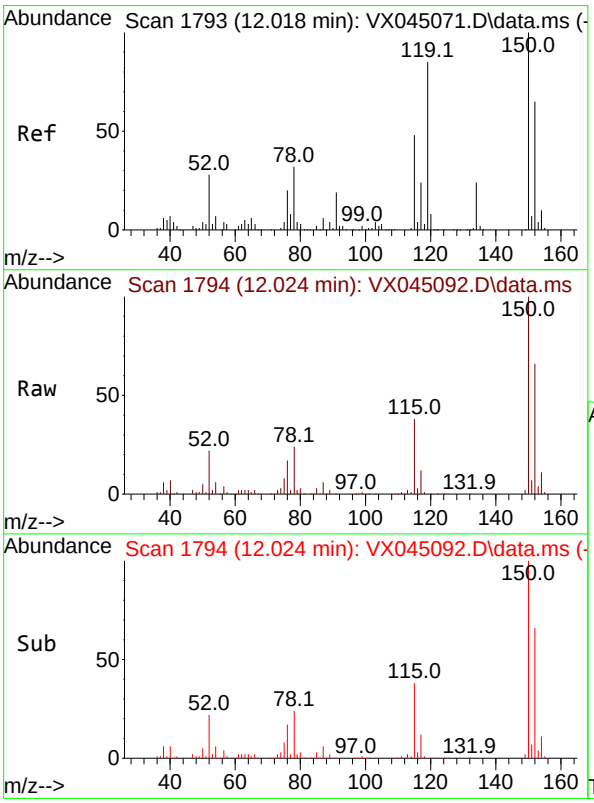
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX045092.D
Acq: 28 Feb 2025 16:31

Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-5

Tgt Ion:117 Resp: 124730

Ion	Ratio	Lower	Upper
117	100		
82	58.9	46.3	69.5
119	32.5	25.7	38.5

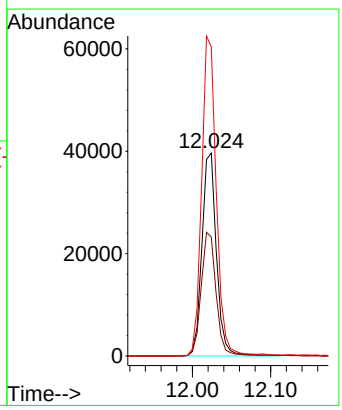




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX045092.D
Acq: 28 Feb 2025 16:31

Tgt Ion:152 Resp: 51131

Ion	Ratio	Lower	Upper
152	100		
115	62.8	44.2	132.6
150	158.6	0.0	349.0



Raw Data: **VX045093.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:	02/28/25
Project:	Weekly Storage Blanks	Date Received:	02/28/25
Client Sample ID:	Storage-Blank-WATER-REF-4	SDG No.:	Q1469
Lab Sample ID:	Q1469-03	Matrix:	Water
Analytical Method:	SW8260	% 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
VX045093.D	1		02/28/25 16:54	VX022825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.21	U	0.21	1.00	ug/L
74-87-3	Chloromethane	0.35	U	0.35	1.00	ug/L
75-01-4	Vinyl Chloride	0.34	U	0.34	1.00	ug/L
141-78-6	Ethyl Acetate	0.38	U	0.38	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.56	U	0.56	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.34	U	0.34	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	5.60	U	5.60	25.0	ug/L
75-35-4	1,1-Dichloroethene	0.26	U	0.26	1.00	ug/L
107-02-8	Acrolein	6.70	U	6.70	25.0	ug/L
107-13-1	Acrylonitrile	0.90	U	0.90	5.00	ug/L
67-64-1	Acetone	1.40	U	1.40	5.00	ug/L
75-15-0	Carbon Disulfide	0.32	U	0.32	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	0.60	U	0.60	1.00	ug/L
75-09-2	Methylene Chloride	0.32	U	0.32	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.25	U	0.25	1.00	ug/L
108-05-4	Vinyl Acetate	0.71	U	0.71	5.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	1.60	U	1.60	5.00	ug/L
78-93-3	2-Butanone	1.30	U	1.30	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
594-20-7	2,2-Dichloropropane	0.31	UQ	0.31	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.25	U	0.25	1.00	ug/L
74-97-5	Bromochloromethane	0.18	U	0.18	1.00	ug/L
67-66-3	Chloroform	0.26	U	0.26	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.19	U	0.19	1.00	ug/L
108-87-2	Methylcyclohexane	0.19	U	0.19	1.00	ug/L
563-58-6	1,1-Dichloropropene	0.18	U	0.18	1.00	ug/L

Raw Data: **VX045093.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:	02/28/25
Project:	Weekly Storage Blanks	Date Received:	02/28/25
Client Sample ID:	Storage-Blank-WATER-REF-4	SDG No.:	Q1469
Lab Sample ID:	Q1469-03	Matrix:	Water
Analytical Method:	SW8260	% 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
VX045093.D	1		02/28/25 16:54	VX022825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
71-43-2	Benzene	0.16	U	0.16	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.24	U	0.24	1.00	ug/L
79-01-6	Trichloroethene	0.32	U	0.32	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.19	U	0.19	1.00	ug/L
74-95-3	Dibromomethane	0.23	U	0.23	1.00	ug/L
75-27-4	Bromodichloromethane	0.24	U	0.24	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.75	U	0.75	5.00	ug/L
108-88-3	Toluene	0.18	U	0.18	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	0.21	U	0.21	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.18	U	0.18	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	0.17	U	0.17	1.00	ug/L
110-75-8	2-Chloroethyl Vinyl ether	1.80	U	1.80	5.00	ug/L
591-78-6	2-Hexanone	1.10	U	1.10	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.16	U	0.16	1.00	ug/L
127-18-4	Tetrachloroethene	0.25	U	0.25	1.00	ug/L
108-90-7	Chlorobenzene	0.13	U	0.13	1.00	ug/L
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.00	ug/L
67-72-1	Hexachloroethane	0	U	0	0	ug/L
100-41-4	Ethyl Benzene	0.16	U	0.16	1.00	ug/L
179601-23-1	m/p-Xylenes	0.31	U	0.31	2.00	ug/L
95-47-6	o-Xylene	0.14	U	0.14	1.00	ug/L
100-42-5	Styrene	0.16	U	0.16	1.00	ug/L
75-25-2	Bromoform	0.21	U	0.21	1.00	ug/L
98-82-8	Isopropylbenzene	0.13	U	0.13	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.27	U	0.27	1.00	ug/L
96-18-4	1,2,3-Trichloropropane	0.39	U	0.39	1.00	ug/L
108-86-1	Bromobenzene	0.26	U	0.26	1.00	ug/L
103-65-1	n-propylbenzene	0.14	U	0.14	1.00	ug/L
95-49-8	2-Chlorotoluene	0.16	U	0.16	1.00	ug/L

Raw Data: **VX045093.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:	02/28/25
Project:	Weekly Storage Blanks	Date Received:	02/28/25
Client Sample ID:	Storage-Blank-WATER-REF-4	SDG No.:	Q1469
Lab Sample ID:	Q1469-03	Matrix:	Water
Analytical Method:	SW8260	% 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
VX045093.D	1		02/28/25 16:54	VX022825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-67-8	1,3,5-Trimethylbenzene	0.18	U	0.18	1.00	ug/L
106-43-4	4-Chlorotoluene	0.18	U	0.18	1.00	ug/L
98-06-6	tert-Butylbenzene	0.17	U	0.17	1.00	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.18	U	0.18	1.00	ug/L
135-98-8	sec-Butylbenzene	0.17	U	0.17	1.00	ug/L
99-87-6	p-Isopropyltoluene	0.15	U	0.15	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.24	U	0.24	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.27	U	0.27	1.00	ug/L
104-51-8	n-Butylbenzene	0.22	U	0.22	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	0.46	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.42	U	0.42	1.00	ug/L
87-68-3	Hexachlorobutadiene	0.31	U	0.31	1.00	ug/L
91-20-3	Naphthalene	0.59	U	0.59	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.51	U	0.51	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.2		74 - 125	106%	SPK: 50
1868-53-7	Dibromofluoromethane	52.0		75 - 124	104%	SPK: 50
2037-26-5	Toluene-d8	50.8		86 - 113	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.0		77 - 121	106%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	78800	5.544			
540-36-3	1,4-Difluorobenzene	155000	6.757			
3114-55-4	Chlorobenzene-d5	144000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	59900	12.018			

Raw Data: **VX045093.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:	02/28/25
Project:	Weekly Storage Blanks	Date Received:	02/28/25
Client Sample ID:	Storage-Blank-WATER-REF-4	SDG No.:	Q1469
Lab Sample ID:	Q1469-03	Matrix:	Water
Analytical Method:	SW8260	% 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
VX045093.D	1		02/28/25 16:54	VX022825

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: **VX045093.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045093.D
Acq On : 28 Feb 2025 16:54
Operator : JC/MD
Sample : Q1469-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-4

Quant Time: Feb 28 23:10:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	78776	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	154922	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	143838	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	59939	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66633	53.177	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.360%			
35) Dibromofluoromethane	5.385	113	53896	52.027	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.060%			
50) Toluene-d8	8.647	98	190629	50.759	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.520%			
62) 4-Bromofluorobenzene	11.079	95	65949	52.993	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.980%			

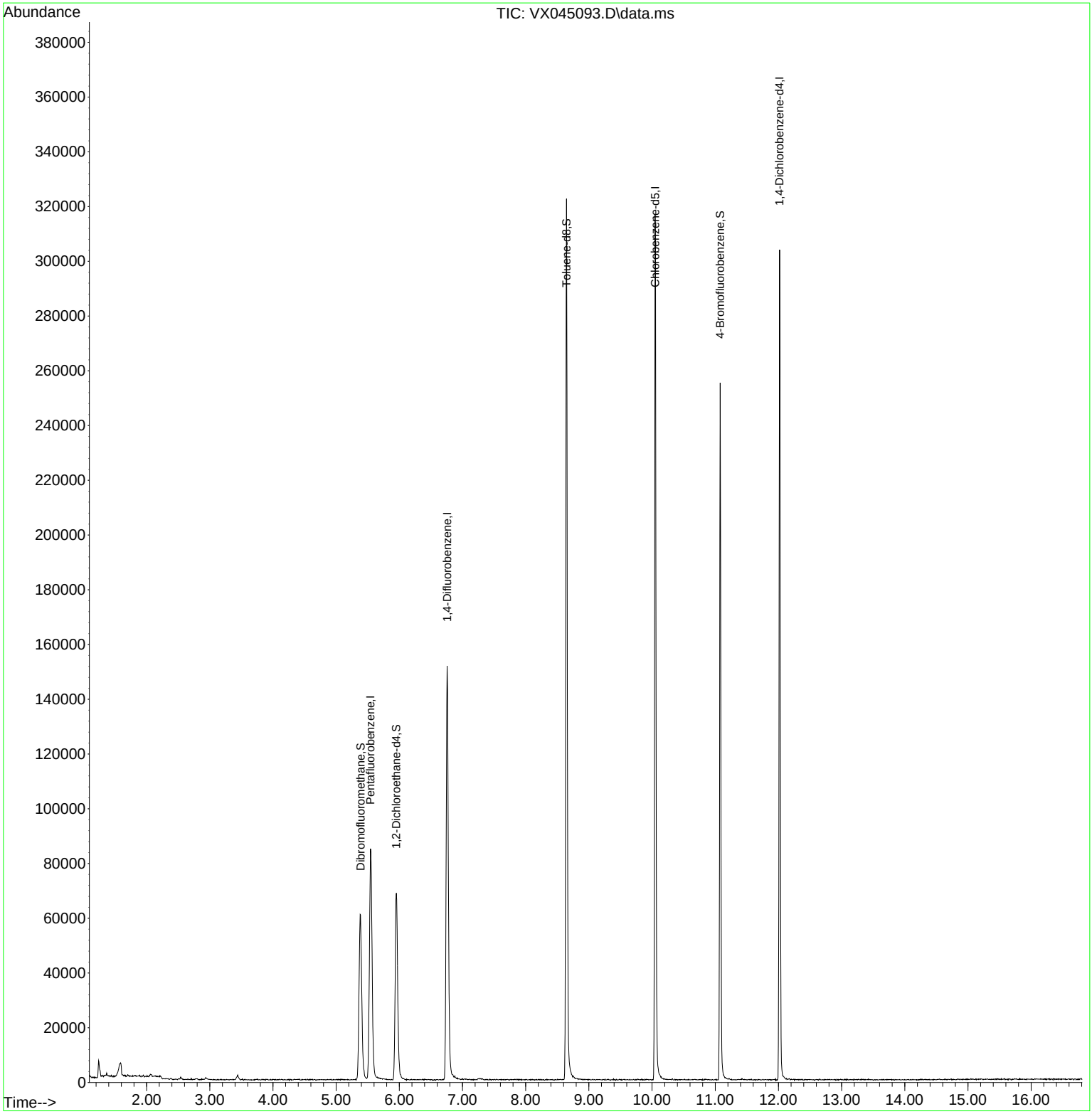
Target Compounds Qvalue

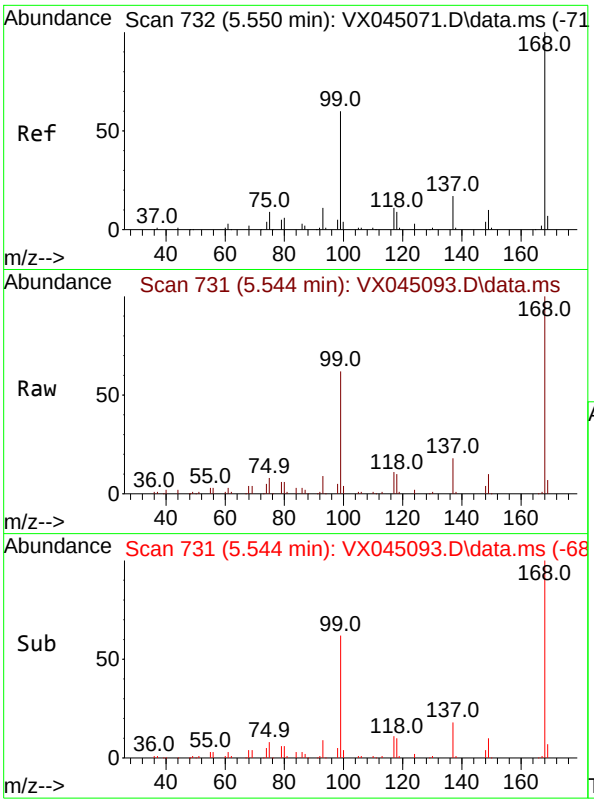
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045093.D
Acq On : 28 Feb 2025 16:54
Operator : JC/MD
Sample : Q1469-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-4

Quant Time: Feb 28 23:10:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration



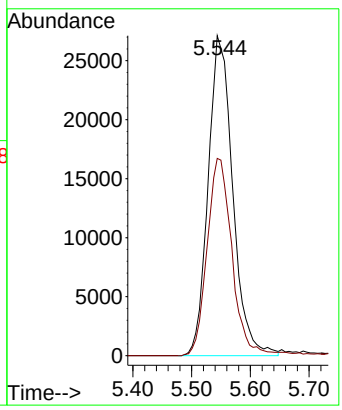


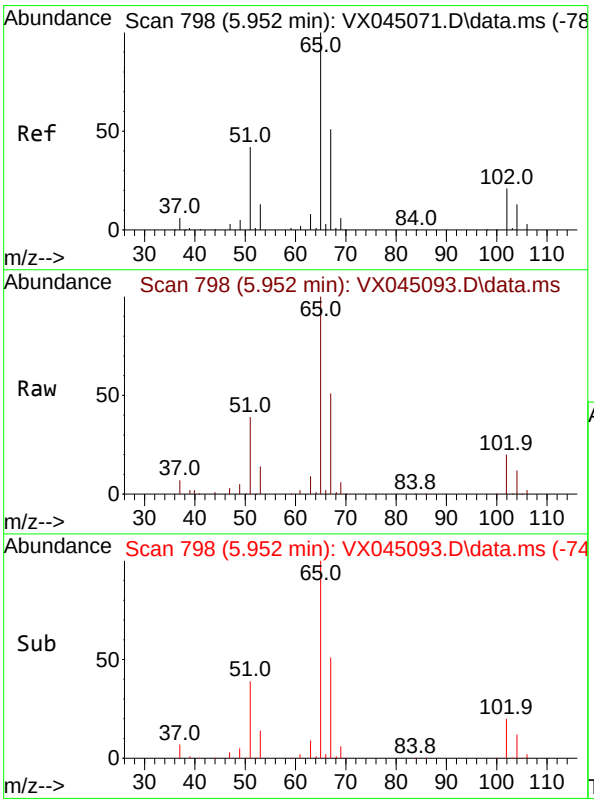
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045093.D
Acq: 28 Feb 2025 16:54

Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-4

Tgt Ion:168 Resp: 78776

Ion	Ratio	Lower	Upper
168	100		
99	61.7	48.2	72.4

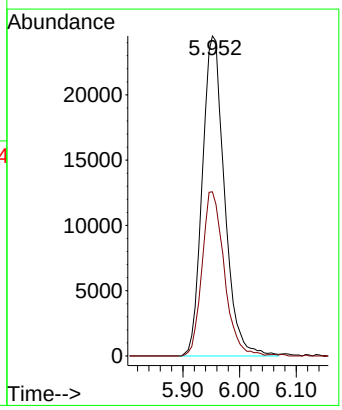


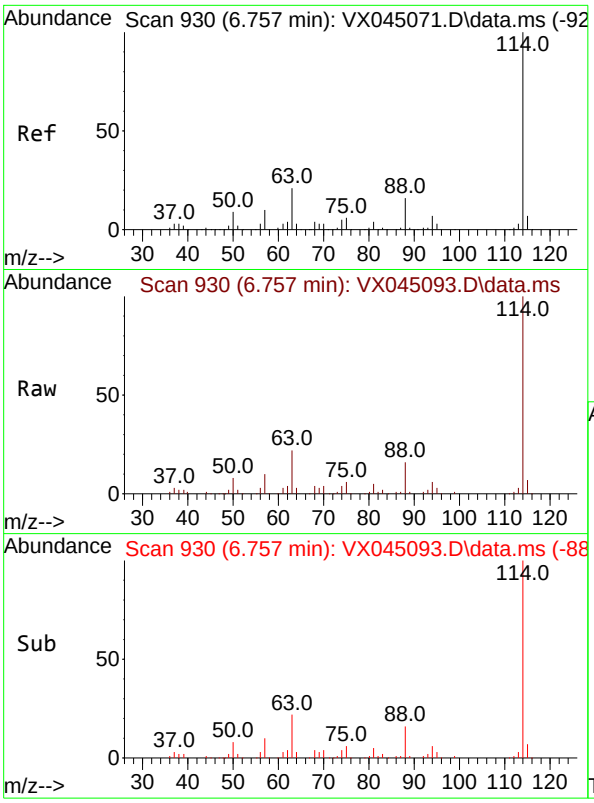


#33
1,2-Dichloroethane-d4
Concen: 53.177 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045093.D
Acq: 28 Feb 2025 16:54

Tgt Ion: 65 Resp: 66633

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	106.2



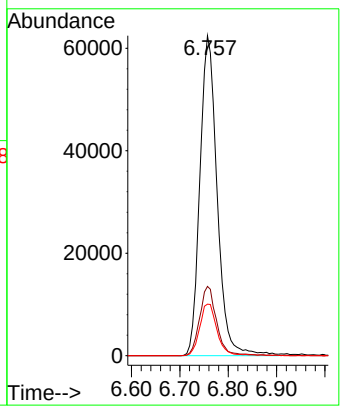


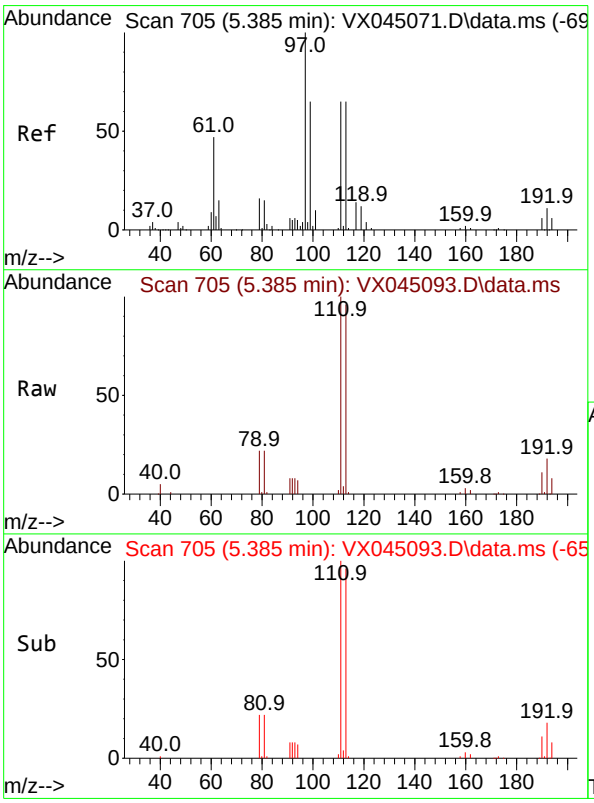
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX045093.D
Acq: 28 Feb 2025 16:54

Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-4

Tgt Ion:114 Resp: 154922

Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	41.8
88	16.1	0.0	32.8

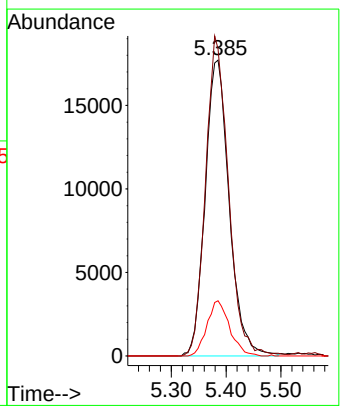


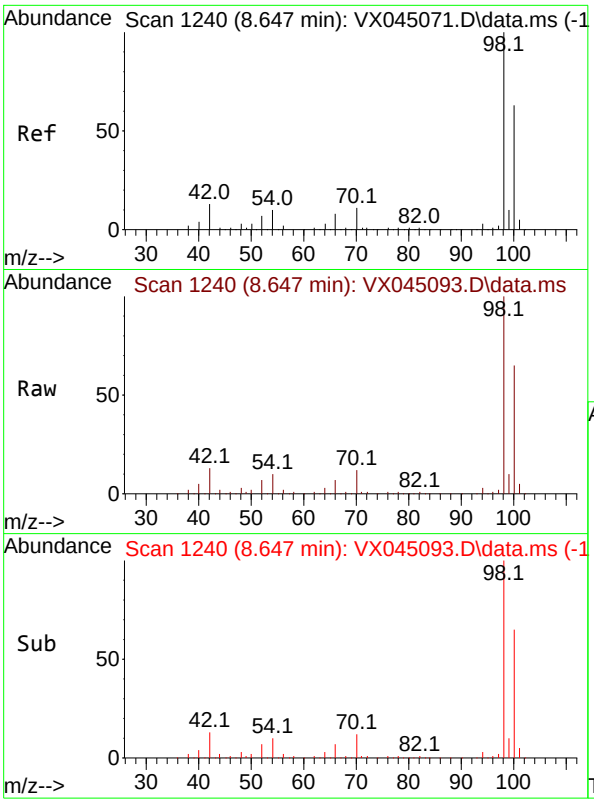


#35
Dibromofluoromethane
Concen: 52.027 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX045093.D
Acq: 28 Feb 2025 16:54

Tgt Ion:113 Resp: 53896

Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.8	122.6
192	17.6	14.3	21.5



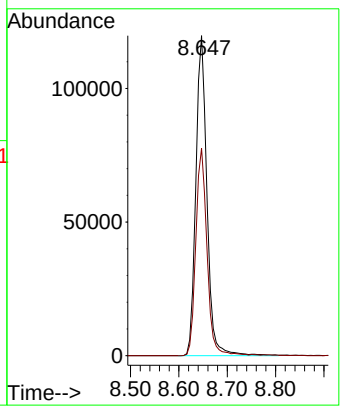


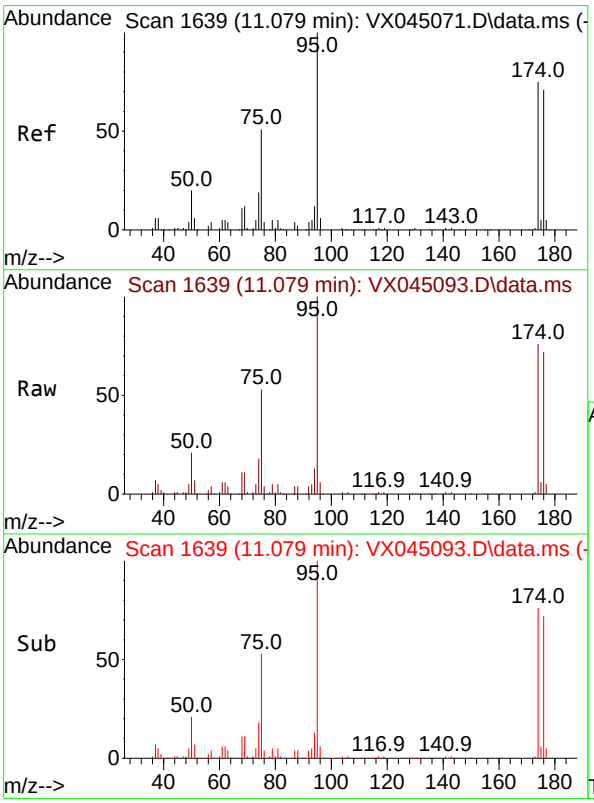
#50
Toluene-d8
Concen: 50.759 ug/l
RT: 8.647 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045093.D
Acq: 28 Feb 2025 16:54

Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-4

Tgt Ion: 98 Resp: 190629

Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.0	78.0

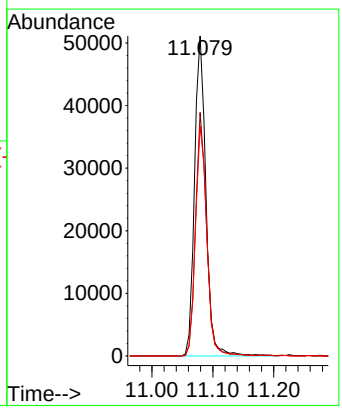


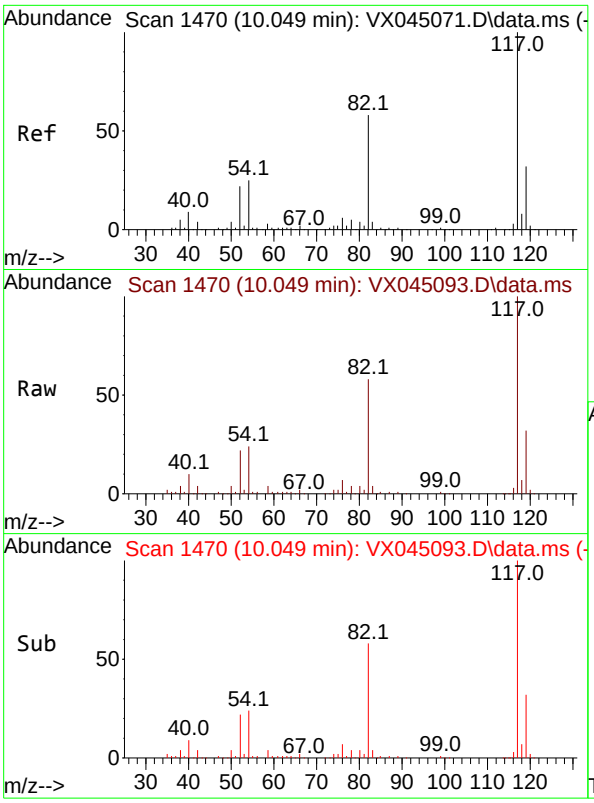


#62
4-Bromofluorobenzene
Concen: 52.993 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045093.D
Acq: 28 Feb 2025 16:54

Tgt Ion: 95 Resp: 65949

Ion	Ratio	Lower	Upper
95	100		
174	74.3	0.0	148.2
176	71.6	0.0	141.4



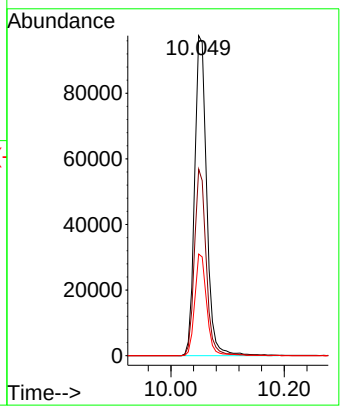


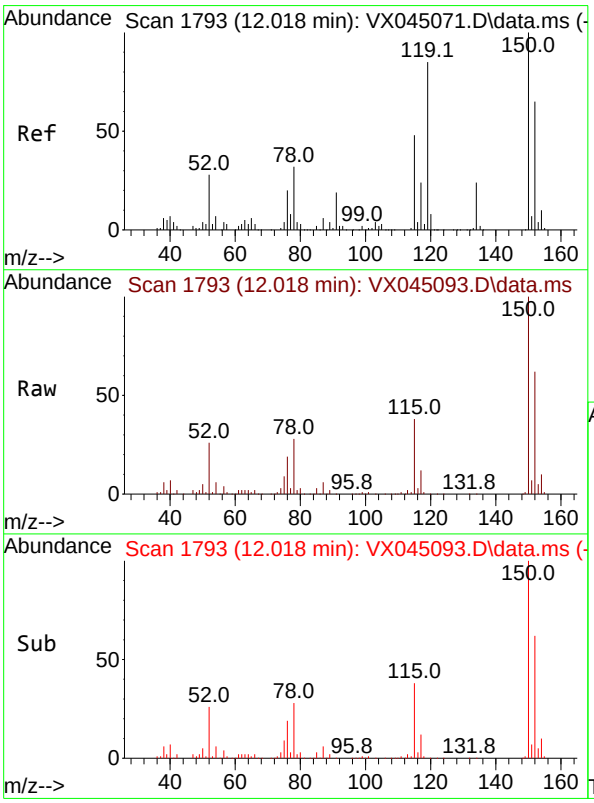
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX045093.D
Acq: 28 Feb 2025 16:54

Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-4

Tgt Ion:117 Resp: 143838

Ion	Ratio	Lower	Upper
117	100		
82	58.3	46.3	69.5
119	31.7	25.7	38.5

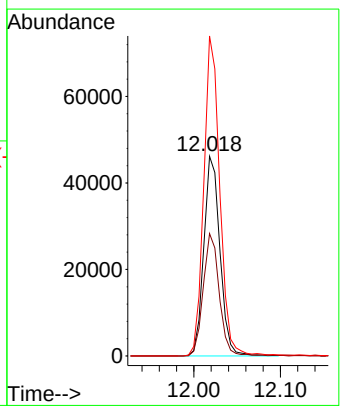




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045093.D
Acq: 28 Feb 2025 16:54

Tgt Ion:152 Resp: 59939

Ion	Ratio	Lower	Upper
152	100		
115	60.5	44.2	132.6
150	158.7	0.0	349.0



Raw Data: **VX045094.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:	02/28/25
Project:	Weekly Storage Blanks	Date Received:	02/28/25
Client Sample ID:	Storage-Blank-SAMPLE-MANAGEMENT	SDG No.:	Q1469
Lab Sample ID:	Q1469-04	Matrix:	Water
Analytical Method:	SW8260	% 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
VX045094.D	1		02/28/25 17:17	VX022825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.21	U	0.21	1.00	ug/L
74-87-3	Chloromethane	0.35	U	0.35	1.00	ug/L
75-01-4	Vinyl Chloride	0.34	U	0.34	1.00	ug/L
141-78-6	Ethyl Acetate	0.38	U	0.38	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.56	U	0.56	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.34	U	0.34	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	5.60	U	5.60	25.0	ug/L
75-35-4	1,1-Dichloroethene	0.26	U	0.26	1.00	ug/L
107-02-8	Acrolein	6.70	U	6.70	25.0	ug/L
107-13-1	Acrylonitrile	0.90	U	0.90	5.00	ug/L
67-64-1	Acetone	1.40	U	1.40	5.00	ug/L
75-15-0	Carbon Disulfide	0.32	U	0.32	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	0.60	U	0.60	1.00	ug/L
75-09-2	Methylene Chloride	0.32	U	0.32	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.25	U	0.25	1.00	ug/L
108-05-4	Vinyl Acetate	0.71	U	0.71	5.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	1.60	U	1.60	5.00	ug/L
78-93-3	2-Butanone	1.30	U	1.30	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
594-20-7	2,2-Dichloropropane	0.31	UQ	0.31	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.25	U	0.25	1.00	ug/L
74-97-5	Bromochloromethane	0.18	U	0.18	1.00	ug/L
67-66-3	Chloroform	0.26	U	0.26	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.19	U	0.19	1.00	ug/L
108-87-2	Methylcyclohexane	0.19	U	0.19	1.00	ug/L
563-58-6	1,1-Dichloropropene	0.18	U	0.18	1.00	ug/L

Raw Data: **VX045094.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:	02/28/25
Project:	Weekly Storage Blanks	Date Received:	02/28/25
Client Sample ID:	Storage-Blank-SAMPLE-MANAGEMENT	SDG No.:	Q1469
Lab Sample ID:	Q1469-04	Matrix:	Water
Analytical Method:	SW8260	% 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
VX045094.D	1		02/28/25 17:17	VX022825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
71-43-2	Benzene	0.16	U	0.16	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.24	U	0.24	1.00	ug/L
79-01-6	Trichloroethene	0.32	U	0.32	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.19	U	0.19	1.00	ug/L
74-95-3	Dibromomethane	0.23	U	0.23	1.00	ug/L
75-27-4	Bromodichloromethane	0.24	U	0.24	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.75	U	0.75	5.00	ug/L
108-88-3	Toluene	0.18	U	0.18	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	0.21	U	0.21	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.18	U	0.18	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	0.17	U	0.17	1.00	ug/L
110-75-8	2-Chloroethyl Vinyl ether	1.80	U	1.80	5.00	ug/L
591-78-6	2-Hexanone	1.10	U	1.10	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.16	U	0.16	1.00	ug/L
127-18-4	Tetrachloroethene	0.25	U	0.25	1.00	ug/L
108-90-7	Chlorobenzene	0.13	U	0.13	1.00	ug/L
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.00	ug/L
67-72-1	Hexachloroethane	0	U	0	0	ug/L
100-41-4	Ethyl Benzene	0.16	U	0.16	1.00	ug/L
179601-23-1	m/p-Xylenes	0.31	U	0.31	2.00	ug/L
95-47-6	o-Xylene	0.14	U	0.14	1.00	ug/L
100-42-5	Styrene	0.16	U	0.16	1.00	ug/L
75-25-2	Bromoform	0.21	U	0.21	1.00	ug/L
98-82-8	Isopropylbenzene	0.13	U	0.13	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.27	U	0.27	1.00	ug/L
96-18-4	1,2,3-Trichloropropane	0.39	U	0.39	1.00	ug/L
108-86-1	Bromobenzene	0.26	U	0.26	1.00	ug/L
103-65-1	n-propylbenzene	0.14	U	0.14	1.00	ug/L
95-49-8	2-Chlorotoluene	0.16	U	0.16	1.00	ug/L

Raw Data: **VX045094.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:	02/28/25
Project:	Weekly Storage Blanks	Date Received:	02/28/25
Client Sample ID:	Storage-Blank-SAMPLE-MANAGEMENT	SDG No.:	Q1469
Lab Sample ID:	Q1469-04	Matrix:	Water
Analytical Method:	SW8260	% 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
VX045094.D	1		02/28/25 17:17	VX022825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-67-8	1,3,5-Trimethylbenzene	0.18	U	0.18	1.00	ug/L
106-43-4	4-Chlorotoluene	0.18	U	0.18	1.00	ug/L
98-06-6	tert-Butylbenzene	0.17	U	0.17	1.00	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.18	U	0.18	1.00	ug/L
135-98-8	sec-Butylbenzene	0.17	U	0.17	1.00	ug/L
99-87-6	p-Isopropyltoluene	0.15	U	0.15	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.24	U	0.24	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.27	U	0.27	1.00	ug/L
104-51-8	n-Butylbenzene	0.22	U	0.22	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	0.46	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.42	U	0.42	1.00	ug/L
87-68-3	Hexachlorobutadiene	0.31	U	0.31	1.00	ug/L
91-20-3	Naphthalene	0.59	U	0.59	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.51	U	0.51	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.1		74 - 125	106%	SPK: 50
1868-53-7	Dibromofluoromethane	51.2		75 - 124	102%	SPK: 50
2037-26-5	Toluene-d8	51.1		86 - 113	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.9		77 - 121	104%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	69900	5.544			
540-36-3	1,4-Difluorobenzene	139000	6.757			
3114-55-4	Chlorobenzene-d5	128000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	54300	12.018			

Raw Data: **VX045094.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:	02/28/25
Project:	Weekly Storage Blanks	Date Received:	02/28/25
Client Sample ID:	Storage-Blank-SAMPLE-MANAGEMENT	SDG No.:	Q1469
Lab Sample ID:	Q1469-04	Matrix:	Water
Analytical Method:	SW8260	% 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
VX045094.D	1		02/28/25 17:17	VX022825

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\VX022825\
Data File : VX045094.D
Acq On : 28 Feb 2025 17:17
Operator : JC/MD
Sample : Q1469-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

Quant Time: Feb 28 23:10:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	69889	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	139482	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	127529	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	54300	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	59030	53.099	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.200%			
35) Dibromofluoromethane	5.379	113	47714	51.158	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.320%			
50) Toluene-d8	8.647	98	172838	51.116	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.240%			
62) 4-Bromofluorobenzene	11.079	95	58180	51.925	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 103.860%			

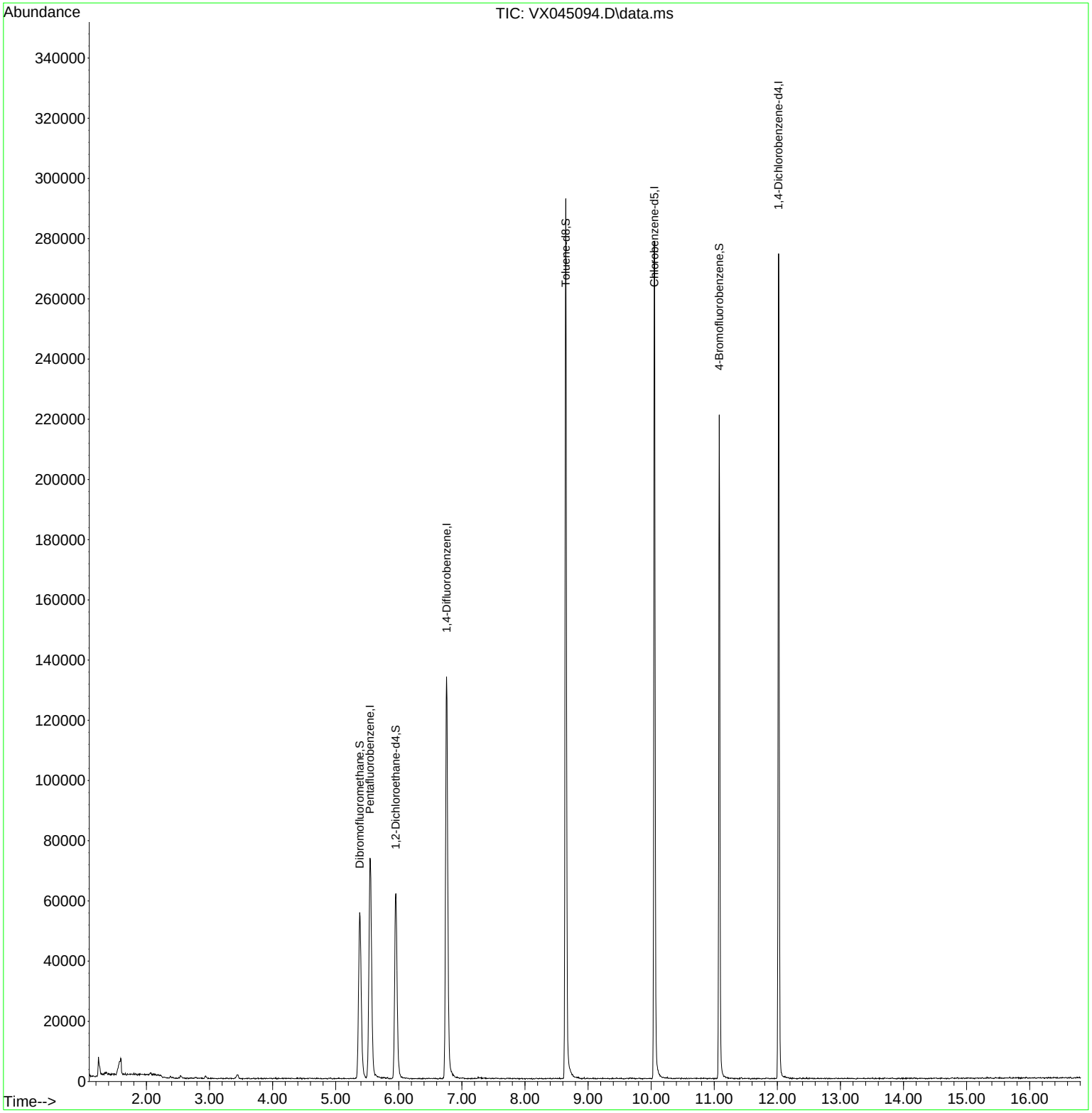
Target Compounds Qvalue

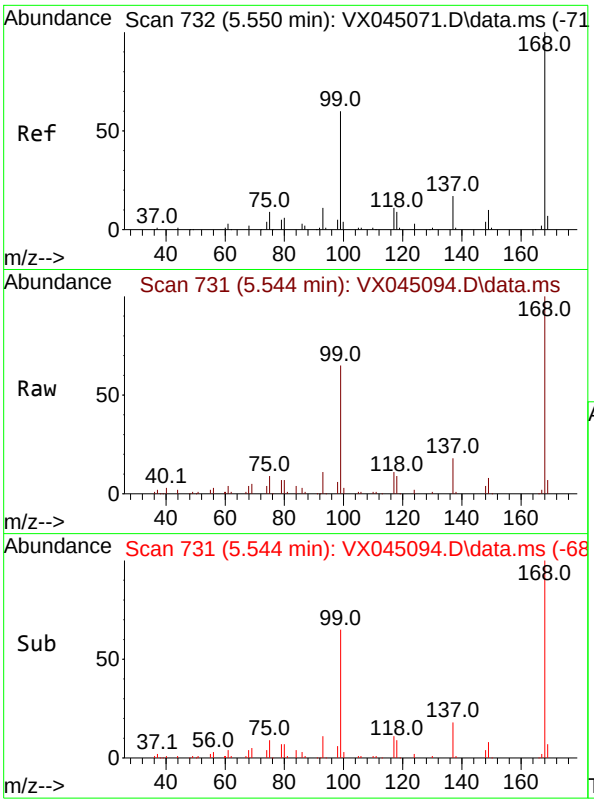
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045094.D
Acq On : 28 Feb 2025 17:17
Operator : JC/MD
Sample : Q1469-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

Quant Time: Feb 28 23:10:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration



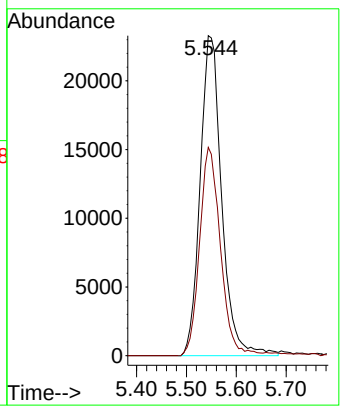


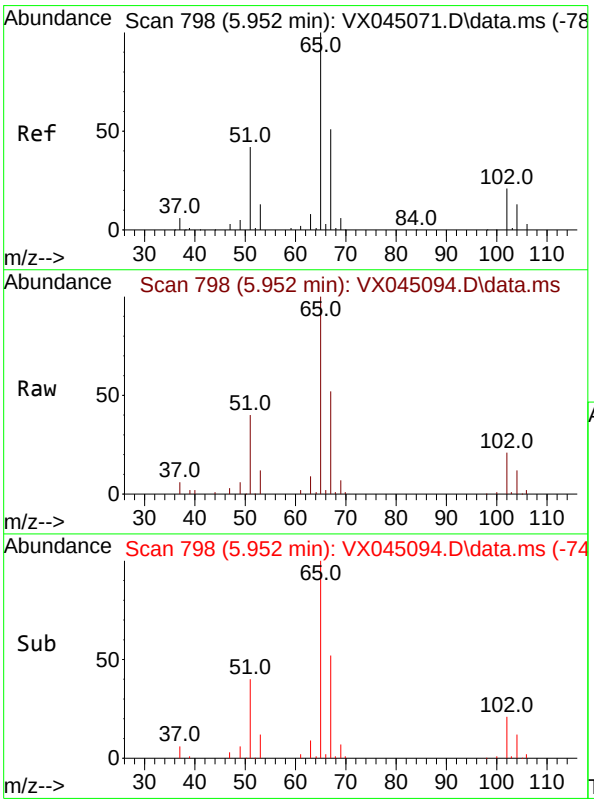
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045094.D
Acq: 28 Feb 2025 17:17

Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

Tgt Ion:168 Resp: 69889

Ion	Ratio	Lower	Upper
168	100		
99	65.1	48.2	72.4

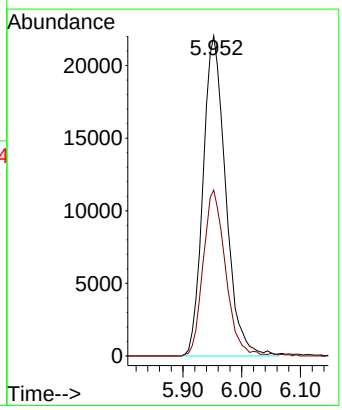


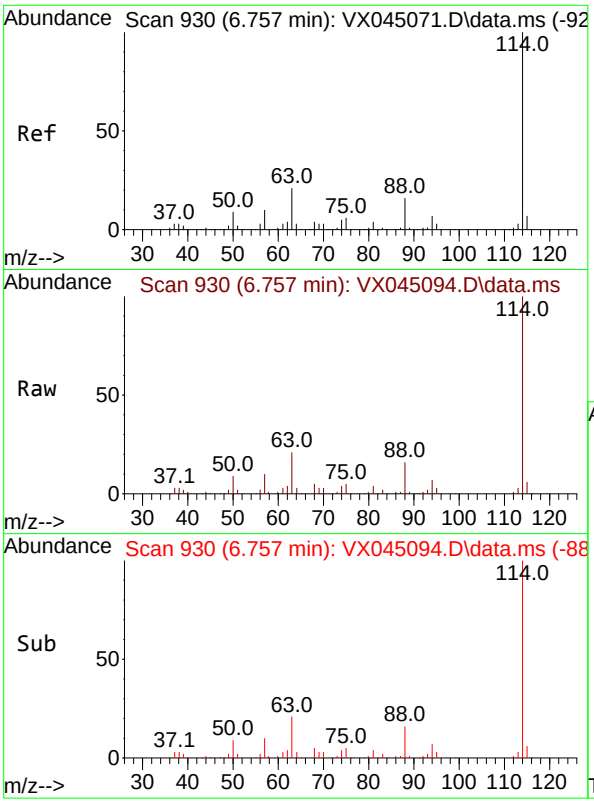


#33
1,2-Dichloroethane-d4
Concen: 53.099 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045094.D
Acq: 28 Feb 2025 17:17

Tgt Ion: 65 Resp: 59030

Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	106.2



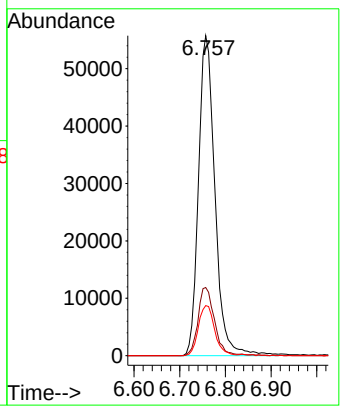


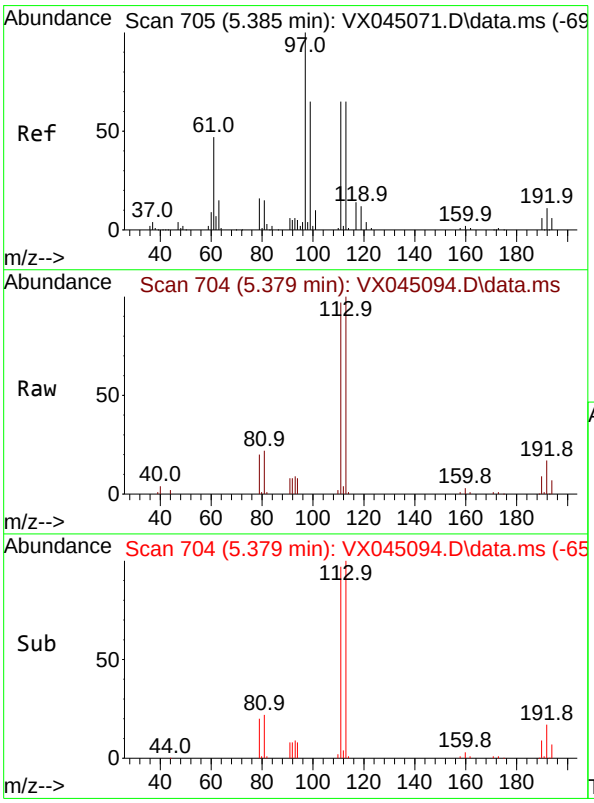
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX045094.D
Acq: 28 Feb 2025 17:17

Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

Tgt Ion:114 Resp: 139482

Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	41.8
88	15.6	0.0	32.8

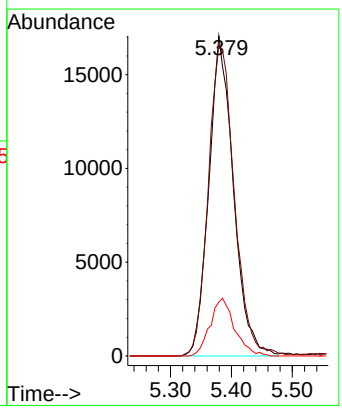


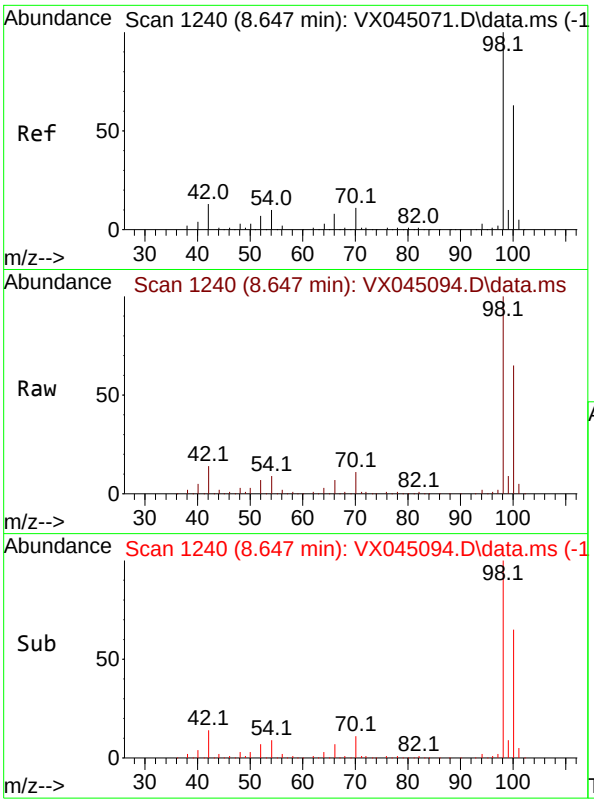


#35
Dibromofluoromethane
Concen: 51.158 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045094.D
Acq: 28 Feb 2025 17:17

Tgt Ion:113 Resp: 47714

Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.8	122.6
192	18.0	14.3	21.5



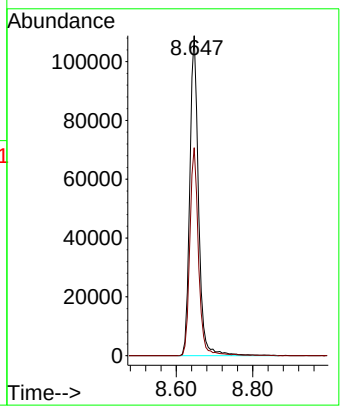


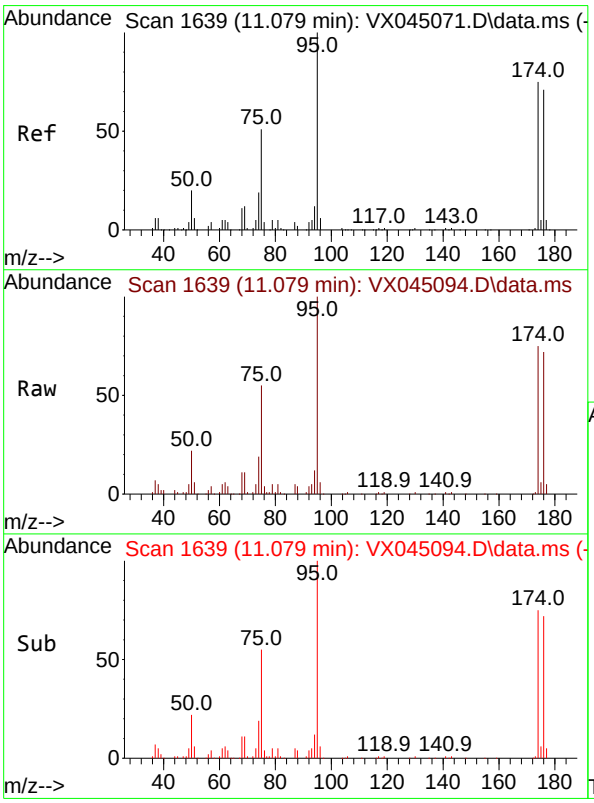
#50
Toluene-d8
Concen: 51.116 ug/l
RT: 8.647 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045094.D
Acq: 28 Feb 2025 17:17

Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

Tgt Ion: 98 Resp: 172838

Ion	Ratio	Lower	Upper
98	100		
100	64.2	52.0	78.0

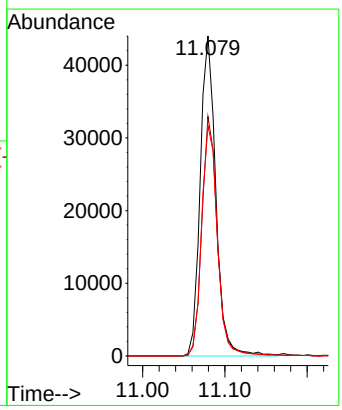


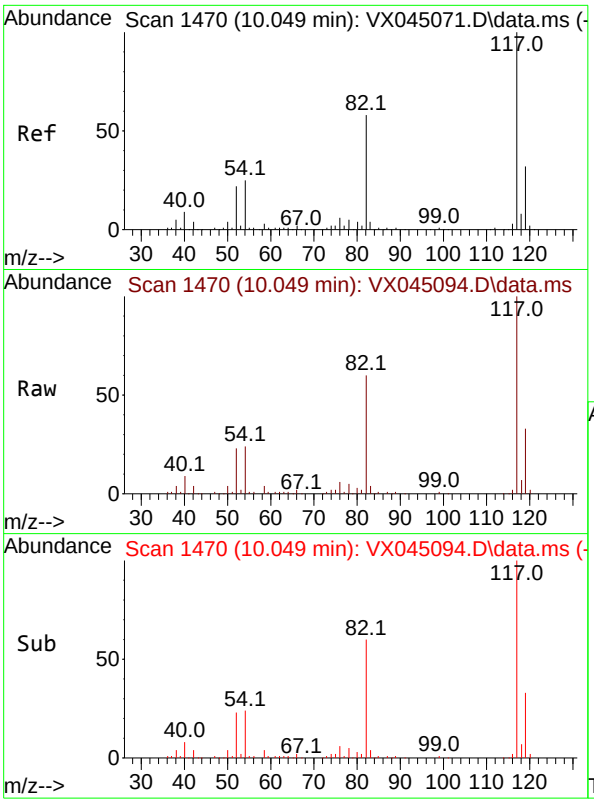


#62
4-Bromofluorobenzene
Concen: 51.925 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045094.D
Acq: 28 Feb 2025 17:17

Tgt Ion: 95 Resp: 58180

Ion	Ratio	Lower	Upper
95	100		
174	73.9	0.0	148.2
176	73.0	0.0	141.4



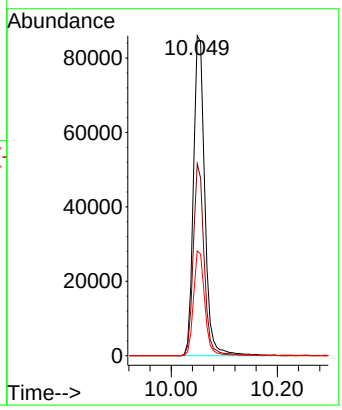


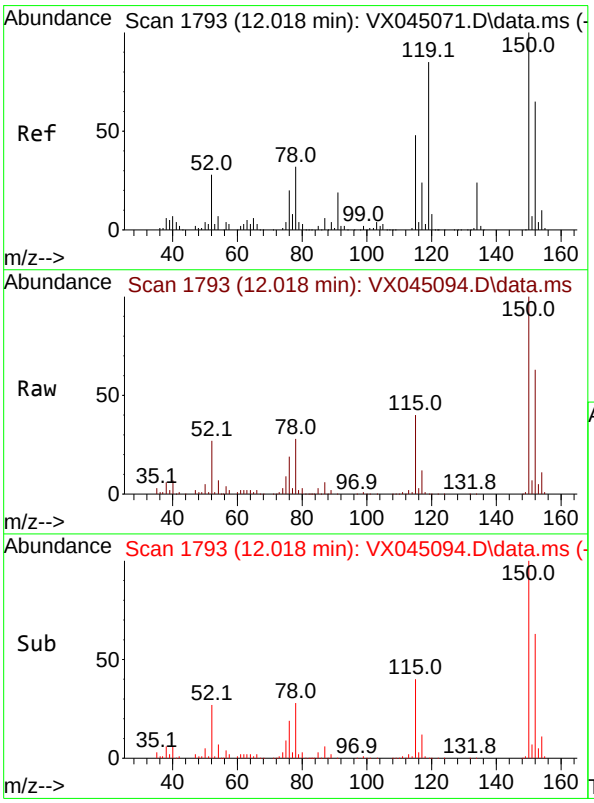
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX045094.D
Acq: 28 Feb 2025 17:17

Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

Tgt Ion:117 Resp: 127529

Ion	Ratio	Lower	Upper
117	100		
82	60.0	46.3	69.5
119	32.7	25.7	38.5

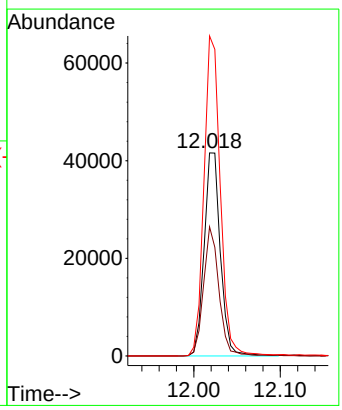




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045094.D
Acq: 28 Feb 2025 17:17

Tgt Ion:152 Resp: 54300

Ion	Ratio	Lower	Upper
152	100		
115	60.4	44.2	132.6
150	158.4	0.0	349.0



CALIBRATION SUMMARY

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.: Q1469 SAS No.: Q1469 SDG No.: Q1469

Instrument ID: MSVOA_X Calibration Date(s): 02/28/2025 02/28/2025

Heated Purge: (Y/N) N Calibration Time(s): 01:27 03:47

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

LAB FILE ID: RRF001 = VX045068.D RRF005 = VX045069.D RRF020 = VX045070.D
RRF050 = VX045071.D RRF100 = VX045072.D RRF150 = VX045073.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.624	0.646	0.646	0.627	0.626	0.607	0.629	2.4
Chloromethane	0.755	0.821	0.828	0.753	0.721	0.744	0.770	5.7
Vinyl Chloride	0.773	0.755	0.774	0.761	0.765	0.758	0.764	1
Ethyl Acetate	0.589	0.538	0.607	0.606	0.609	0.596	0.591	4.5
Bromomethane		0.337	0.298	0.292	0.284	0.291	0.300	7
Chloroethane	0.373	0.421	0.366	0.373	0.297	0.286	0.352	14.5
Trichlorofluoromethane	0.978	1.061	1.050	1.050	0.982	0.948	1.012	4.7
1,1,2-Trichlorotrifluoroethane	0.526	0.613	0.595	0.594	0.596	0.563	0.581	5.4
Tert butyl alcohol		0.189	0.161	0.134	0.133	0.136	0.151	16.2
1,1-Dichloroethene	0.609	0.620	0.612	0.623	0.620	0.603	0.614	1.3
Acrolein		0.162	0.173	0.174	0.178	0.184	0.174	4.5
Acrylonitrile	0.396	0.398	0.432	0.410	0.387	0.399	0.404	3.9
Acetone	0.414	0.363	0.384	0.351	0.345	0.356	0.369	7
Carbon Disulfide	1.584	1.582	1.587	1.660	1.708	1.698	1.636	3.6
Methyl tert-butyl Ether	1.955	1.913	2.127	2.083	2.132	2.158	2.061	5
Methyl Acetate	0.954	0.835	0.903	0.867	0.869	0.899	0.888	4.6
Methylene Chloride	0.806	0.730	0.752	0.698	0.694	0.706	0.731	5.8
trans-1,2-Dichloroethene	0.540	0.619	0.603	0.631	0.634	0.616	0.607	5.7
Vinyl Acetate	1.486	1.655	1.961	1.973	2.012	2.049	1.856	12.4
1,1-Dichloroethane	1.200	1.223	1.280	1.242	1.270	1.264	1.247	2.5
Cyclohexane		1.021	1.087	1.108	1.142	1.052	1.082	4.3
2-Butanone	0.476	0.545	0.610	0.579	0.553	0.570	0.555	8.1
Carbon Tetrachloride	0.463	0.463	0.447	0.468	0.489	0.463	0.465	3
2,2-Dichloropropane	0.519	0.562	0.588	0.597	0.617	0.626	0.585	6.7
cis-1,2-Dichloroethene	0.687	0.746	0.765	0.762	0.767	0.769	0.749	4.2
Bromochloromethane	0.557	0.633	0.613	0.603	0.563	0.596	0.594	5
Chloroform	1.206	1.247	1.278	1.246	1.230	1.225	1.239	2
1,1,1-Trichloroethane	0.908	0.992	1.009	1.024	1.044	1.025	1.000	4.8
Methylcyclohexane	0.464	0.530	0.560	0.585	0.607	0.550	0.549	9.1
1,1-Dichloropropene	0.446	0.462	0.444	0.469	0.476	0.455	0.459	2.8

* 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.: Q1469 SAS No.: Q1469 SDG No.: Q1469

Instrument ID: MSVOA_X Calibration Date(s): 02/28/2025 02/28/2025

Heated Purge: (Y/N) N Calibration Time(s): 01:27 03:47

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

LAB FILE ID: RRF001 = VX045068.D RRF005 = VX045069.D RRF020 = VX045070.D
RRF050 = VX045071.D RRF100 = VX045072.D RRF150 = VX045073.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Benzene	1.321	1.459	1.491	1.496	1.497	1.424	1.448	4.7
1,2-Dichloroethane	0.487	0.525	0.545	0.528	0.524	0.520	0.521	3.6
Trichloroethene	0.319	0.351	0.339	0.341	0.354	0.336	0.340	3.7
1,2-Dichloropropane	0.354	0.378	0.382	0.371	0.376	0.373	0.372	2.7
Dibromomethane	0.236	0.265	0.272	0.269	0.269	0.268	0.263	5.1
Bromodichloromethane	0.478	0.503	0.536	0.524	0.528	0.528	0.516	4.2
4-Methyl-2-Pentanone	0.535	0.570	0.647	0.610	0.579	0.579	0.587	6.5
Toluene	0.716	0.872	0.892	0.898	0.874	0.845	0.849	8
t-1,3-Dichloropropene	0.304	0.389	0.436	0.469	0.490	0.502	0.431	17.3
cis-1,3-Dichloropropene	0.404	0.463	0.509	0.535	0.555	0.553	0.503	11.8
1,1,2-Trichloroethane	0.346	0.348	0.371	0.356	0.341	0.336	0.350	3.6
1,3-Dichloropropane	0.560	0.623	0.643	0.620	0.597	0.588	0.605	4.9
2-Chloroethyl Vinyl ether	0.218	0.239	0.271	0.284	0.273	0.270	0.259	9.7
2-Hexanone	0.349	0.412	0.476	0.448	0.431	0.436	0.425	10.1
Dibromochloromethane	0.305	0.349	0.390	0.384	0.385	0.380	0.366	9
1,2-Dibromoethane	0.311	0.352	0.371	0.356	0.355	0.350	0.349	5.7
Tetrachloroethene	0.315	0.326	0.319	0.324	0.329	0.309	0.320	2.3
Chlorobenzene	0.968	1.054	1.090	1.092	1.100	1.045	1.058	4.7
1,1,1,2-Tetrachloroethane	0.337	0.331	0.357	0.356	0.372	0.362	0.352	4.4
Hexachloroethane	0.470	0.498	0.568	0.605	0.633	0.633	0.568	12.3
Ethyl Benzene	1.566	1.794	1.889	1.952	1.972	1.888	1.843	8.1
m/p-Xylenes	0.555	0.672	0.711	0.724	0.715	0.673	0.675	9.3
o-Xylene	0.609	0.689	0.702	0.706	0.707	0.670	0.681	5.5
Styrene	0.879	1.060	1.170	1.181	1.183	1.134	1.101	10.7
Bromoform	0.209	0.234	0.276	0.276	0.300	0.300	0.266	13.9
Isopropylbenzene	3.397	4.034	3.999	4.135	4.006	3.845	3.903	6.8
1,1,2,2-Tetrachloroethane	1.395	1.479	1.513	1.419	1.391	1.396	1.432	3.6
1,2,3-Trichloropropane	1.181	1.201	1.193	1.147	1.131	1.130	1.164	2.7
Bromobenzene	0.899	0.947	0.939	0.939	0.910	0.891	0.921	2.6
n-propylbenzene	3.451	4.375	4.577	4.805	4.696	4.548	4.409	11.1

* 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

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284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: CHEM02

Lab Code: CHEM Case No.: Q1469 SAS No.: Q1469 SDG No.: Q1469

Instrument ID: MSVOA_X Calibration Date(s): 02/28/2025 02/28/2025

Heated Purge: (Y/N) N Calibration Time(s): 01:27 03:47

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

LAB FILE ID: RRF001 = VX045068.D RRF005 = VX045069.D RRF020 = VX045070.D
RRF050 = VX045071.D RRF100 = VX045072.D RRF150 = VX045073.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
2-Chlorotoluene	2.788	2.888	2.828	2.869	2.770	2.702	2.808	2.4
1,3,5-Trimethylbenzene	2.611	3.211	3.373	3.384	3.224	3.131	3.156	9
4-Chlorotoluene	2.800	3.015	3.078	3.234	3.140	3.092	3.060	4.8
tert-Butylbenzene	3.029	3.256	3.342	3.375	3.292	3.160	3.242	4
1,2,4-Trimethylbenzene	2.646	3.202	3.380	3.378	3.258	3.188	3.175	8.6
sec-Butylbenzene	3.000	3.847	4.137	4.215	4.125	3.978	3.884	11.6
p-Isopropyltoluene	2.511	2.986	3.266	3.424	3.369	3.275	3.139	10.9
1,3-Dichlorobenzene	1.502	1.652	1.710	1.668	1.675	1.649	1.643	4.4
1,4-Dichlorobenzene	1.605	1.702	1.665	1.687	1.669	1.643	1.662	2.1
n-Butylbenzene	1.905	2.359	2.788	3.013	3.099	3.057	2.703	17.7
1,2-Dichlorobenzene	1.479	1.695	1.735	1.668	1.687	1.622	1.648	5.5
1,2-Dibromo-3-Chloropropane	0.237	0.243	0.285	0.289	0.300	0.320	0.279	11.6
1,2,4-Trichlorobenzene	0.668	0.821	0.978	1.009	1.074	1.080	0.938	17.3
Hexachlorobutadiene	0.356	0.369	0.390	0.392	0.406	0.395	0.385	4.8
Naphthalene	2.573	3.115	3.866	3.902	4.091	4.082	3.605	17.2
1,2,3-Trichlorobenzene	0.747	0.897	1.032	1.059	1.107	1.096	0.990	14.2
1,2-Dichloroethane-d4		0.836	0.784	0.757	0.783	0.817	0.795	3.9
Dibromofluoromethane		0.329	0.335	0.329	0.340	0.338	0.334	1.5
Toluene-d8		1.237	1.191	1.210	1.219	1.203	1.212	1.4
4-Bromofluorobenzene		0.383	0.393	0.402	0.410	0.421	0.402	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.

Response Factor Report MSVOA_X2

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
Method File : 82X022825W.M
Title : SW846 8260
Last Update : Fri Feb 28 06:45:16 2025
Response Via : Initial Calibration

Calibration Files
1 =VX045068.D 5 =VX045069.D 20 =VX045070.D 50 =VX045071.D 100 =VX045072.D 150 =VX045073.D

		Compound	1	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.624	0.646	0.646	0.627	0.626	0.607	0.629	2.38
3)	P	Chloromethane	0.755	0.821	0.828	0.753	0.721	0.744	0.770	5.68
4)	C	Vinyl Chloride	0.773	0.755	0.774	0.761	0.765	0.758	0.764	1.03#
5)	T	Bromomethane		0.337	0.298	0.292	0.284	0.291	0.300	7.01
6)	T	Chloroethane	0.373	0.421	0.366	0.373	0.297	0.286	0.352	14.54
7)	T	Trichlorofluor...	0.978	1.061	1.050	1.050	0.982	0.948	1.011	4.73
8)	T	Diethyl Ether	0.406	0.402	0.409	0.387	0.387	0.383	0.396	2.83
9)	T	1,1,2-Trichlor...	0.526	0.613	0.595	0.594	0.596	0.563	0.581	5.41
10)	T	Methyl Iodide		0.607	0.758	0.769	0.758	0.739	0.726	9.28
11)	T	Tert butyl alc...		0.189	0.161	0.134	0.133	0.136	0.151	16.19
12)	CM	1,1-Dichloroet...	0.609	0.620	0.612	0.623	0.620	0.603	0.614	1.27#
13)	T	Acrolein		0.162	0.173	0.174	0.178	0.184	0.174	4.53
14)	T	Allyl chloride	1.140	1.047	1.104	1.107	1.091	1.072	1.094	2.92
15)	T	Acrylonitrile	0.396	0.398	0.432	0.410	0.387	0.399	0.404	3.90
16)	T	Acetone	0.414	0.363	0.384	0.351	0.345	0.356	0.369	7.04
17)	T	Carbon Disulfide	1.584	1.582	1.587	1.660	1.708	1.698	1.636	3.62
18)	T	Methyl Acetate	0.954	0.835	0.903	0.867	0.869	0.899	0.888	4.59
19)	T	Methyl tert-bu...	1.955	1.913	2.127	2.083	2.132	2.158	2.061	4.97
20)	T	Methylene Chlo...	0.806	0.730	0.752	0.698	0.694	0.706	0.731	5.84
21)	T	trans-1,2-Dich...	0.540	0.619	0.603	0.631	0.634	0.616	0.607	5.73
22)	T	Diisopropyl ether	1.959	2.156	2.321	2.291	2.310	2.307	2.224	6.46
23)	T	Vinyl Acetate	1.486	1.655	1.961	1.973	2.012	2.049	1.856	12.38
24)	P	1,1-Dichloroet...	1.200	1.223	1.280	1.242	1.270	1.264	1.247	2.45
25)	T	2-Butanone	0.476	0.545	0.610	0.579	0.553	0.570	0.555	8.09
26)	T	2,2-Dichloropr...	0.519	0.562	0.588	0.597	0.617	0.626	0.585	6.74
27)	T	cis-1,2-Dichlo...	0.687	0.746	0.765	0.762	0.767	0.769	0.749	4.21
28)	T	Bromochloromet...	0.557	0.633	0.613	0.603	0.563	0.596	0.594	4.97
29)	T	Tetrahydrofuran	0.362	0.376	0.398	0.373	0.361	0.368	0.373	3.61
30)	C	Chloroform	1.206	1.247	1.278	1.246	1.230	1.225	1.239	1.97#
31)	T	Cyclohexane		1.021	1.087	1.108	1.142	1.052	1.082	4.35
32)	T	1,1,1-Trichlor...	0.908	0.992	1.009	1.024	1.044	1.025	1.000	4.83
33)	S	1,2-Dichloroet...		0.836	0.784	0.757	0.783	0.817	0.795	3.91
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...		0.329	0.335	0.329	0.340	0.338	0.334	1.53
36)	T	1,1-Dichloropr...	0.446	0.462	0.444	0.469	0.476	0.455	0.459	2.77
37)	T	Ethyl Acetate	0.589	0.538	0.607	0.606	0.609	0.596	0.591	4.53
38)	T	Carbon Tetrach...	0.463	0.463	0.447	0.468	0.489	0.463	0.465	2.96
39)	T	Methylcyclohexane	0.464	0.530	0.560	0.585	0.607	0.550	0.549	9.07
40)	TM	Benzene	1.321	1.459	1.491	1.496	1.497	1.424	1.448	4.72
41)	T	Methacrylonitrile	0.284	0.293	0.337	0.340	0.332	0.330	0.319	7.59
42)	TM	1,2-Dichloroet...	0.487	0.525	0.545	0.528	0.524	0.520	0.521	3.63
43)	T	Isopropyl Acetate	0.675	0.800	0.940	0.929	0.935	0.964	0.874	12.98
44)	TM	Trichloroethene	0.319	0.351	0.339	0.341	0.354	0.336	0.340	3.72
45)	C	1,2-Dichloropr...	0.354	0.378	0.382	0.371	0.376	0.373	0.372	2.68#
46)	T	Dibromomethane	0.236	0.265	0.272	0.269	0.269	0.268	0.263	5.10
47)	T	Bromodichlorom...	0.478	0.503	0.536	0.524	0.528	0.528	0.516	4.23
48)	T	Methyl methacr...	0.352	0.422	0.460	0.463	0.458	0.475	0.438	10.46
49)	T	1,4-Dioxane	0.008	0.009	0.010	0.009	0.009	0.009	0.009	6.46
50)	S	Toluene-d8		1.237	1.191	1.210	1.219	1.203	1.212	1.43
51)	T	4-Methyl-2-Pen...	0.535	0.570	0.647	0.610	0.579	0.579	0.587	6.52
52)	CM	Toluene	0.716	0.872	0.892	0.898	0.874	0.845	0.849	8.03#
53)	T	t-1,3-Dichloro...	0.304	0.389	0.436	0.469	0.490	0.502	0.431	17.30
54)	T	cis-1,3-Dichlo...	0.404	0.463	0.509	0.535	0.555	0.553	0.503	11.80
55)	T	1,1,2-Trichlor...	0.346	0.348	0.371	0.356	0.341	0.336	0.350	3.63
56)	T	Ethyl methacry...	0.396	0.500	0.562	0.570	0.577	0.586	0.532	13.74

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
Method File : 82X022825W.M

57)	T	1,3-Dichloropr...	0.560	0.623	0.643	0.620	0.597	0.588	0.605	4.90
58)	T	2-Chloroethyl ...	0.218	0.239	0.271	0.284	0.273	0.270	0.259	9.71
59)	T	2-Hexanone	0.349	0.412	0.476	0.448	0.431	0.436	0.425	10.08
60)	T	Dibromochlorom...	0.305	0.349	0.390	0.384	0.385	0.380	0.366	9.01
61)	T	1,2-Dibromoethane	0.311	0.352	0.371	0.356	0.355	0.350	0.349	5.73
62)	S	4-Bromofluorob...		0.383	0.393	0.402	0.410	0.421	0.402	3.67
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.315	0.326	0.319	0.324	0.329	0.309	0.320	2.33
65)	PM	Chlorobenzene	0.968	1.054	1.090	1.092	1.100	1.045	1.058	4.68
66)	T	1,1,1,2-Tetrac...	0.337	0.331	0.357	0.356	0.372	0.362	0.352	4.39
67)	C	Ethyl Benzene	1.566	1.794	1.889	1.952	1.972	1.888	1.843	8.11#
68)	T	m/p-Xylenes	0.555	0.672	0.711	0.724	0.715	0.673	0.675	9.27
69)	T	o-Xylene	0.609	0.689	0.702	0.706	0.707	0.670	0.681	5.52
70)	T	Styrene	0.879	1.060	1.170	1.181	1.183	1.134	1.101	10.75
71)	P	Bromoform	0.209	0.234	0.276	0.276	0.300	0.300	0.266	13.94
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.397	4.034	3.999	4.135	4.006	3.845	3.903	6.79
74)	T	N-amyl acetate	1.349	1.578	1.890	1.977	2.078	2.116	1.831	16.62
75)	P	1,1,2,2-Tetrac...	1.395	1.479	1.513	1.419	1.391	1.396	1.432	3.60
76)	T	1,2,3-Trichlor...	1.181	1.201	1.193	1.147	1.131	1.130	1.164	2.73
77)	T	Bromobenzene	0.899	0.947	0.939	0.939	0.910	0.891	0.921	2.57
78)	T	n-propylbenzene	3.451	4.375	4.577	4.805	4.696	4.548	4.409	11.14
79)	T	2-Chlorotoluene	2.788	2.888	2.828	2.869	2.770	2.702	2.808	2.45
80)	T	1,3,5-Trimethy...	2.611	3.211	3.373	3.384	3.224	3.131	3.156	9.01
81)	T	trans-1,4-Dich...		0.268	0.313	0.339	0.376	0.405	0.340	15.78
82)	T	4-Chlorotoluene	2.800	3.015	3.078	3.234	3.140	3.092	3.060	4.80
83)	T	tert-Butylbenzene	3.029	3.256	3.342	3.375	3.292	3.160	3.242	3.96
84)	T	1,2,4-Trimethy...	2.646	3.202	3.380	3.378	3.258	3.188	3.175	8.57
85)	T	sec-Butylbenzene	3.000	3.847	4.137	4.215	4.125	3.978	3.884	11.65
86)	T	p-Isopropyltol...	2.511	2.986	3.266	3.424	3.369	3.275	3.139	10.91
87)	T	1,3-Dichlorobe...	1.502	1.652	1.710	1.668	1.675	1.649	1.643	4.40
88)	T	1,4-Dichlorobe...	1.605	1.702	1.665	1.687	1.669	1.643	1.662	2.06
89)	T	n-Butylbenzene	1.905	2.359	2.788	3.013	3.099	3.057	2.703	17.67
90)	T	Hexachloroethane	0.470	0.498	0.568	0.605	0.633	0.633	0.568	12.30
91)	T	1,2-Dichlorobe...	1.479	1.695	1.735	1.668	1.687	1.622	1.648	5.50
92)	T	1,2-Dibromo-3-...	0.237	0.243	0.285	0.289	0.300	0.320	0.279	11.64
93)	T	1,2,4-Trichlor...	0.668	0.821	0.978	1.009	1.074	1.080	0.938	17.32
94)	T	Hexachlorobuta...	0.356	0.369	0.390	0.392	0.406	0.395	0.385	4.77
95)	T	Naphthalene	2.573	3.115	3.866	3.902	4.091	4.082	3.605	17.21
96)	T	1,2,3-Trichlor...	0.747	0.897	1.032	1.059	1.107	1.096	0.990	14.23

(#) = Out of Range

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045068.D
Acq On : 28 Feb 2025 01:27
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

Quant Time: Feb 28 06:28:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:18:23 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	102761	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	188642	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	159886	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	64845	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	1.166	85	1282	1.007	ug/l	90
3) Chloromethane	1.301	50	1552	0.975	ug/l	91
4) Vinyl Chloride	1.368	62	1588	1.008	ug/l #	85
6) Chloroethane	1.673	64	766m	0.992	ug/l	
7) Trichlorofluoromethane	1.880	101	2011	0.957	ug/l	97
8) Diethyl Ether	2.130	74	835	1.045	ug/l	80
9) 1,1,2-Trichlorotrifluo...	2.319	101	1081	0.884	ug/l	87
12) 1,1-Dichloroethene	2.313	96	1251	0.991	ug/l	92
14) Allyl chloride	2.660	41	2343	1.055	ug/l	93
15) Acrylonitrile	3.075	53	4067	4.931	ug/l	99
16) Acetone	2.380	43	4259	5.635	ug/l	100
17) Carbon Disulfide	2.502	76	3256	0.956	ug/l #	92
18) Methyl Acetate	2.703	43	1960	1.066	ug/l	93
19) Methyl tert-butyl Ether	3.111	73	4017	0.943	ug/l	91
20) Methylene Chloride	2.782	84	1656	1.095	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	1109	0.869	ug/l	91
22) Diisopropyl ether	3.764	45	4026	0.871	ug/l #	80
23) Vinyl Acetate	3.727	43	15271	3.971	ug/l	97
24) 1,1-Dichloroethane	3.605	63	2467	0.958	ug/l #	83
25) 2-Butanone	4.587	43	4894	4.252	ug/l	96
26) 2,2-Dichloropropane	4.471	77	1066	0.872	ug/l #	56
27) cis-1,2-Dichloroethene	4.501	96	1412	0.902	ug/l #	19
28) Bromochloromethane	4.885	49	1144	0.958	ug/l #	54
29) Tetrahydrofuran	5.032	42	3719	4.809	ug/l #	34
30) Chloroform	5.093	83	2478	0.978	ug/l	92
32) 1,1,1-Trichloroethane	5.373	97	1867	0.893	ug/l #	52
36) 1,1-Dichloropropene	5.690	75	1681	0.967	ug/l #	84
37) Ethyl Acetate	4.739	43	2223m	0.988	ug/l	
38) Carbon Tetrachloride	5.672	117	1747m	0.987	ug/l	
39) Methylcyclohexane	7.385	83	1750	0.831	ug/l	88
40) Benzene	6.031	78	4984	0.907	ug/l	99
41) Methacrylonitrile	4.958	41	1072m	0.879	ug/l	
42) 1,2-Dichloroethane	6.099	62	1837	0.924	ug/l	78
43) Isopropyl Acetate	6.355	43	2545	0.767	ug/l #	95
44) Trichloroethene	7.129	130	1202	0.933	ug/l	65
45) 1,2-Dichloropropane	7.434	63	1334	0.971	ug/l #	82

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045068.D
Acq On : 28 Feb 2025 01:27
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Feb 28 06:28:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:18:23 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) Dibromomethane	7.586	93	891	0.897	ug/l		92
47) Bromodichloromethane	7.818	83	1802	0.927	ug/l	#	85
48) Methyl methacrylate	7.714	41	1328m	0.825	ug/l		
49) 1,4-Dioxane	7.684	88	639	18.144	ug/l	#	81
51) 4-Methyl-2-Pentanone	8.574	43	10091	4.567	ug/l		95
52) Toluene	8.720	92	2700	0.841	ug/l		97
53) t-1,3-Dichloropropene	8.994	75	1147	0.700	ug/l	#	85
54) cis-1,3-Dichloropropene	8.373	75	1525	0.804	ug/l	#	90
55) 1,1,2-Trichloroethane	9.153	97	1306	1.004	ug/l	#	90
56) Ethyl methacrylate	9.135	69	1494	0.748	ug/l	#	93
57) 1,3-Dichloropropane	9.311	76	2112	0.920	ug/l		97
58) 2-Chloroethyl Vinyl ether	8.251	63	4115	4.320	ug/l		95
59) 2-Hexanone	9.439	43	6582	4.153	ug/l		96
60) Dibromochloromethane	9.519	129	1152	0.835	ug/l		98
61) 1,2-Dibromoethane	9.610	107	1174	0.890	ug/l		97
64) Tetrachloroethene	9.275	164	1006	0.986	ug/l	#	88
65) Chlorobenzene	10.080	112	3094	0.908	ug/l		90
66) 1,1,1,2-Tetrachloroethane	10.159	131	1078	0.978	ug/l	#	65
67) Ethyl Benzene	10.195	91	5008	0.846	ug/l	#	85
68) m/p-Xylenes	10.305	106	3552	1.630	ug/l		97
69) o-Xylene	10.640	106	1949	0.891	ug/l		95
70) Styrene	10.665	104	2810	0.802	ug/l		97
71) Bromoform	10.799	173	667	0.768	ug/l	#	92
73) Isopropylbenzene	10.964	105	4405	0.858	ug/l		96
74) N-amyl acetate	10.854	43	1750	0.732	ug/l	#	87
75) 1,1,2,2-Tetrachloroethane	11.213	83	1809	0.954	ug/l		88
76) 1,2,3-Trichloropropane	11.244	75	1531m	1.015	ug/l		
77) Bromobenzene	11.201	156	1166	0.972	ug/l		91
78) n-propylbenzene	11.305	91	4475	0.773	ug/l		97
79) 2-Chlorotoluene	11.366	91	3616	0.986	ug/l		98
80) 1,3,5-Trimethylbenzene	11.451	105	3386	0.815	ug/l		94
82) 4-Chlorotoluene	11.457	91	3631	0.904	ug/l		99
83) tert-Butylbenzene	11.713	119	3928	0.929	ug/l		96
84) 1,2,4-Trimethylbenzene	11.756	105	3432	0.827	ug/l		95
85) sec-Butylbenzene	11.890	105	3891	0.752	ug/l		100
86) p-Isopropyltoluene	12.012	119	3257	0.797	ug/l		94
87) 1,3-Dichlorobenzene	11.976	146	1948	0.913	ug/l		96
88) 1,4-Dichlorobenzene	12.043	146	2082m	0.962	ug/l		
89) n-Butylbenzene	12.335	91	2470	0.691	ug/l		93
90) Hexachloroethane	12.536	117	609	0.805	ug/l		94
91) 1,2-Dichlorobenzene	12.335	146	1918	0.890	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	308	0.859	ug/l		82
93) 1,2,4-Trichlorobenzene	13.591	180	866	0.706	ug/l		93
94) Hexachlorobutadiene	13.725	225	462	0.917	ug/l		94
95) Naphthalene	13.780	128	3337	0.707	ug/l	#	94
96) 1,2,3-Trichlorobenzene	13.963	180	969	0.759	ug/l		93

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

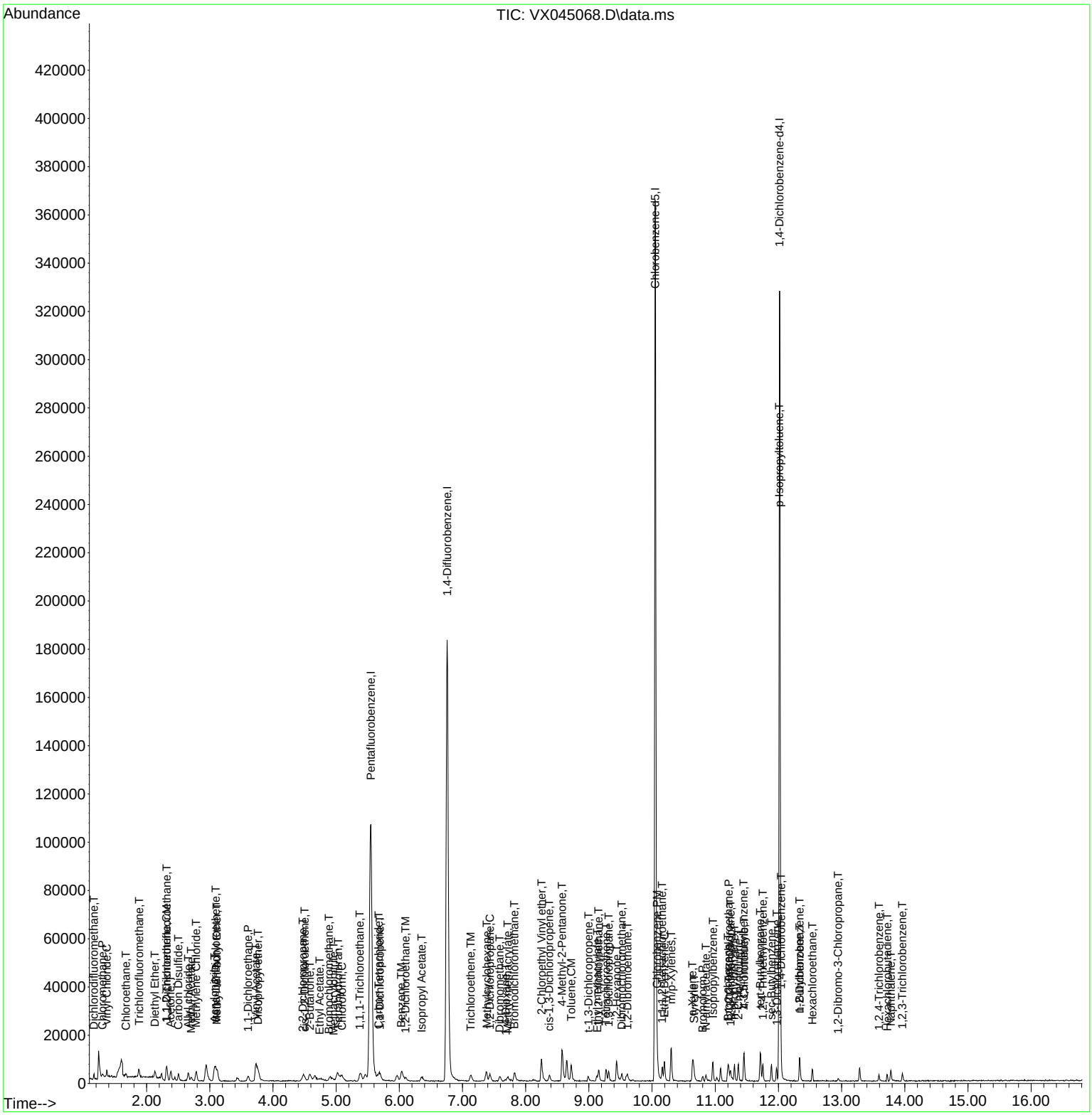
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045068.D
Acq On : 28 Feb 2025 01:27
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Feb 28 06:28:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:18:23 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045069.D
Acq On : 28 Feb 2025 02:13
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Feb 28 05:32:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 05:28:02 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	107391	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	194243	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	172367	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	73591	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	8978	5.659	ug/l	0.01
Spiked Amount 50.000	Range 74 - 125		Recovery = 11.320%#			
35) Dibromofluoromethane	5.391	113	6398	5.039	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 10.080%#			
50) Toluene-d8	8.647	98	24037	5.057	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 10.120%#			
62) 4-Bromofluorobenzene	11.079	95	7436	4.685	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 9.360%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	6941	4.689	ug/l	96
3) Chloromethane	1.307	50	8819	4.896	ug/l	99
4) Vinyl Chloride	1.374	62	8106	4.608	ug/l	94
5) Bromomethane	1.593	94	3620	6.582	ug/l	96
6) Chloroethane	1.660	64	4517	6.746	ug/l	91
7) Trichlorofluoromethane	1.867	101	11392	5.056	ug/l	95
8) Diethyl Ether	2.136	74	4314	5.268	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	6586	4.894	ug/l	98
10) Methyl Iodide	2.441	142	6520	3.780	ug/l	95
11) Tert butyl alcohol	2.983	59	10164m	34.976	ug/l	
12) 1,1-Dichloroethene	2.313	96	6658	4.819	ug/l	94
13) Acrolein	2.233	56	8725	27.725	ug/l	97
14) Allyl chloride	2.654	41	11244	4.527	ug/l	96
15) Acrylonitrile	3.068	53	21381	27.072	ug/l	99
16) Acetone	2.386	43	19512	29.891	ug/l	97
17) Carbon Disulfide	2.502	76	16984	4.518	ug/l	99
18) Methyl Acetate	2.703	43	8964	4.559	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	20546	4.651	ug/l	95
20) Methylene Chloride	2.782	84	7835	5.068	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	6651	4.895	ug/l	94
22) Diisopropyl ether	3.763	45	23151	4.875	ug/l #	82
23) Vinyl Acetate	3.721	43	88852	22.788	ug/l	98
24) 1,1-Dichloroethane	3.605	63	13132	4.949	ug/l	99
25) 2-Butanone	4.574	43	29277	27.819	ug/l	99
26) 2,2-Dichloropropane	4.471	77	6034	3.059	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	8012	4.892	ug/l	97
28) Bromochloromethane	4.904	49	6797	5.311	ug/l #	96
29) Tetrahydrofuran	5.013	42	20186	28.950	ug/l	99
30) Chloroform	5.093	83	13390	5.159	ug/l	96
31) Cyclohexane	5.464	56	10968	4.504	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	10654	4.876	ug/l	100
36) 1,1-Dichloropropene	5.690	75	8977	4.917	ug/l #	83
37) Ethyl Acetate	4.727	43	10459	5.035	ug/l	98
38) Carbon Tetrachloride	5.666	117	8997	5.013	ug/l	95
39) Methylcyclohexane	7.379	83	10291	4.414	ug/l	97
40) Benzene	6.037	78	28339	4.966	ug/l	97

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045069.D
Acq On : 28 Feb 2025 02:13
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Feb 28 05:32:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 05:28:02 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	4.922	41	5700	5.136 ug/l	95
42) 1,2-Dichloroethane	6.092	62	10189	5.510 ug/l	98
43) Isopropyl Acetate	6.348	43	15543	4.700 ug/l	99
44) Trichloroethene	7.129	130	6827	5.234 ug/l	99
45) 1,2-Dichloropropane	7.427	63	7342	5.177 ug/l	95
46) Dibromomethane	7.586	93	5146	5.195 ug/l	97
47) Bromodichloromethane	7.824	83	9773	5.100 ug/l	99
48) Methyl methacrylate	7.696	41	8201	5.224 ug/l	95
49) 1,4-Dioxane	7.665	88	3531	105.826 ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	55320	27.303 ug/l	99
52) Toluene	8.720	92	16933	4.997 ug/l	99
53) t-1,3-Dichloropropene	8.982	75	7548	3.985 ug/l	94
54) cis-1,3-Dichloropropene	8.366	75	8988	4.244 ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	6759	5.151 ug/l	97
56) Ethyl methacrylate	9.116	69	9712	4.628 ug/l	98
57) 1,3-Dichloropropane	9.305	76	12106	5.289 ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	23212	22.527 ug/l	99
59) 2-Hexanone	9.433	43	39994	27.363 ug/l	99
60) Dibromochloromethane	9.519	129	6785	4.846 ug/l	98
61) 1,2-Dibromoethane	9.610	107	6832	5.161 ug/l	95
64) Tetrachloroethene	9.269	164	5615	5.128 ug/l	93
65) Chlorobenzene	10.079	112	18161	4.908 ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	5702	4.781 ug/l	96
67) Ethyl Benzene	10.195	91	30918	4.725 ug/l	98
68) m/p-Xylenes	10.299	106	23152	9.608 ug/l	97
69) o-Xylene	10.640	106	11881	4.914 ug/l	95
70) Styrene	10.659	104	18278	4.704 ug/l	99
71) Bromoform	10.799	173	4027	4.541 ug/l #	98
73) Isopropylbenzene	10.963	105	29685	4.991 ug/l	98
74) N-amyl acetate	10.848	43	11609	4.300 ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	10881	5.310 ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	8839m	5.384 ug/l	
77) Bromobenzene	11.195	156	6970	5.163 ug/l	96
78) n-propylbenzene	11.305	91	32196	4.694 ug/l	99
79) 2-Chlorotoluene	11.366	91	21253	5.048 ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	23627	4.897 ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	1971	3.256 ug/l #	83
82) 4-Chlorotoluene	11.457	91	22190	4.761 ug/l	98
83) tert-Butylbenzene	11.713	119	23960	4.910 ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	23561	4.960 ug/l	99
85) sec-Butylbenzene	11.890	105	28314	4.687 ug/l	99
86) p-Isopropyltoluene	12.006	119	21977	4.532 ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	12157	4.926 ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	12526	5.014 ug/l	96
89) n-Butylbenzene	12.335	91	17358	4.072 ug/l	99
90) Hexachloroethane	12.536	117	3665	4.052 ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	12477	5.138 ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	1787	4.712 ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	6040	4.114 ug/l	97
94) Hexachlorobutadiene	13.725	225	2716	4.640 ug/l	97
95) Naphthalene	13.780	128	22927	4.287 ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	6600	4.437 ug/l	98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045069.D
Acq On : 28 Feb 2025 02:13
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

Quant Time: Feb 28 05:32:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 05:28:02 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

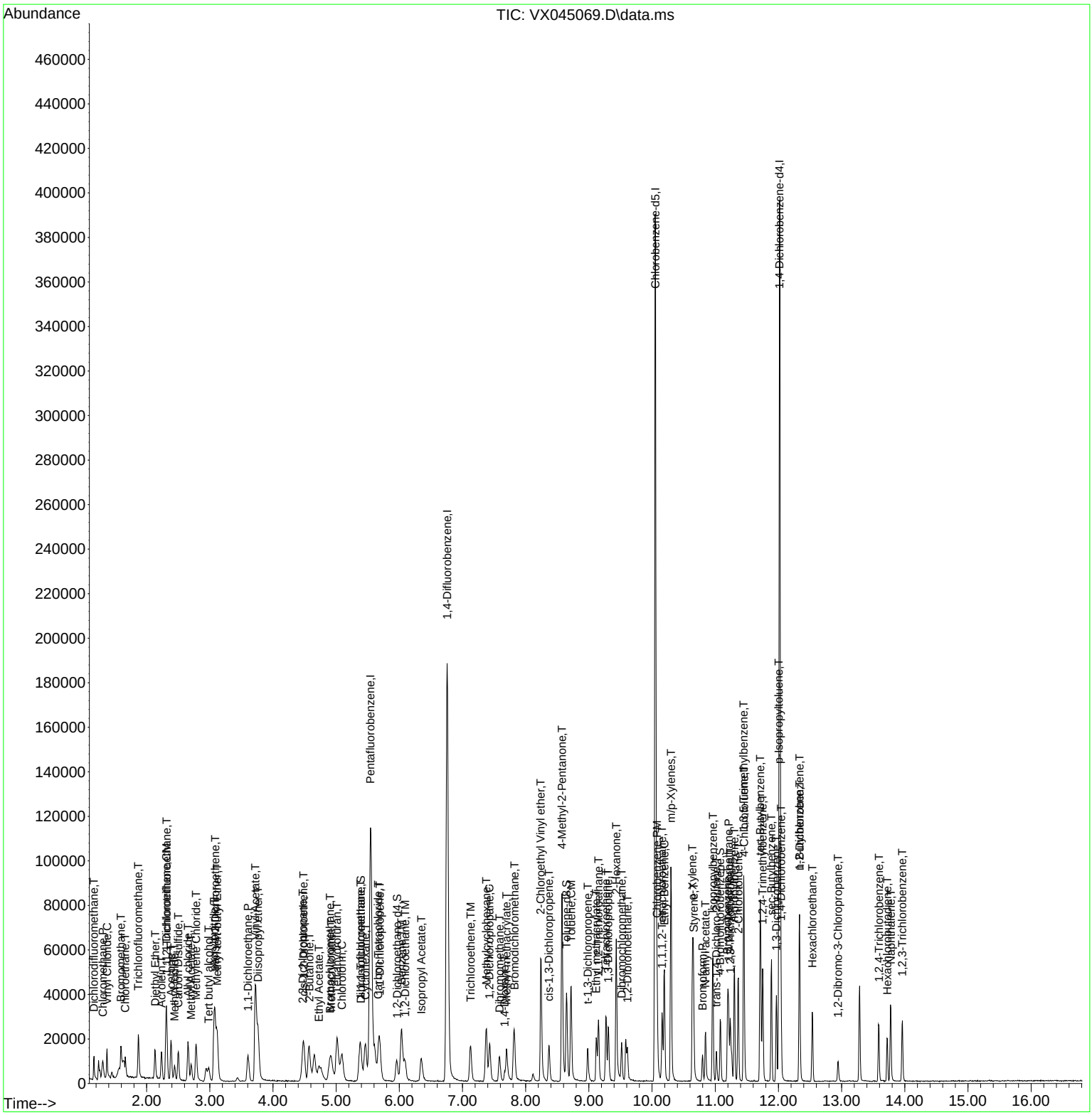
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045069.D
Acq On : 28 Feb 2025 02:13
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Feb 28 05:32:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 05:28:02 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045070.D
Acq On : 28 Feb 2025 02:37
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

Quant Time: Feb 28 05:33:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 05:28:02 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.543	168	97338	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	177403	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	157714	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	70072	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	30514	21.221	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 42.440%#			
35) Dibromofluoromethane	5.385	113	23739	20.473	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 40.940%#			
50) Toluene-d8	8.646	98	84516	19.469	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 38.940%#			
62) 4-Bromofluorobenzene	11.079	95	27856	19.215	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 38.420%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	25155	18.750	ug/l	95
3) Chloromethane	1.306	50	32219	19.736	ug/l	99
4) Vinyl Chloride	1.373	62	30134	18.899	ug/l	97
5) Bromomethane	1.593	94	11584	23.239	ug/l	99
6) Chloroethane	1.660	64	14237	23.457	ug/l	99
7) Trichlorofluoromethane	1.867	101	40880	20.015	ug/l	99
8) Diethyl Ether	2.135	74	15911	21.437	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.312	101	23154	18.984	ug/l	98
10) Methyl Iodide	2.440	142	29500	18.867	ug/l	100
11) Tert butyl alcohol	2.983	59	31246	118.627	ug/l	98
12) 1,1-Dichloroethene	2.306	96	23810	19.014	ug/l	97
13) Acrolein	2.239	56	33586	117.747	ug/l	99
14) Allyl chloride	2.654	41	42993	19.096	ug/l	100
15) Acrylonitrile	3.068	53	84182	117.598	ug/l	100
16) Acetone	2.385	43	74701	126.257	ug/l	99
17) Carbon Disulfide	2.501	76	61802	18.139	ug/l	99
18) Methyl Acetate	2.709	43	35157	19.729	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	82833	20.689	ug/l	96
20) Methylene Chloride	2.782	84	29281	20.895	ug/l	94
21) trans-1,2-Dichloroethene	3.080	96	23471	19.057	ug/l	97
22) Diisopropyl ether	3.763	45	90378	20.995	ug/l	93
23) Vinyl Acetate	3.721	43	381808	108.038	ug/l	99
24) 1,1-Dichloroethane	3.605	63	49826	20.716	ug/l	99
25) 2-Butanone	4.562	43	118713	124.449	ug/l	97
26) 2,2-Dichloropropane	4.470	77	22886	12.799	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	29788	20.065	ug/l	99
28) Bromochloromethane	4.891	49	23869	20.579	ug/l	99
29) Tetrahydrofuran	5.007	42	77433	122.519	ug/l	99
30) Chloroform	5.086	83	49751	21.147	ug/l	97
31) Cyclohexane	5.464	56	42340	19.181	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	39276	19.831	ug/l	99
36) 1,1-Dichloropropene	5.684	75	31519	18.903	ug/l	99
37) Ethyl Acetate	4.714	43	43097	22.714	ug/l	99
38) Carbon Tetrachloride	5.671	117	31694	19.334	ug/l	97
39) Methylcyclohexane	7.372	83	39769	18.676	ug/l	97
40) Benzene	6.031	78	105787	20.298	ug/l	98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045070.D
Acq On : 28 Feb 2025 02:37
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Feb 28 05:33:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 05:28:02 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.928	41	23924	23.605	ug/l		97
42) 1,2-Dichloroethane	6.086	62	38653	22.886	ug/l		99
43) Isopropyl Acetate	6.348	43	66727	22.094	ug/l		99
44) Trichloroethene	7.122	130	24052	20.191	ug/l		98
45) 1,2-Dichloropropane	7.427	63	27128	20.945	ug/l		99
46) Dibromomethane	7.580	93	19323	21.357	ug/l		97
47) Bromodichloromethane	7.817	83	38038	21.732	ug/l		97
48) Methyl methacrylate	7.695	41	32627	22.757	ug/l		98
49) 1,4-Dioxane	7.665	88	14602	479.170	ug/l		97
51) 4-Methyl-2-Pentanone	8.573	43	229615	124.081	ug/l		98
52) Toluene	8.714	92	63326	20.463	ug/l		100
53) t-1,3-Dichloropropene	8.976	75	30917	17.871	ug/l		97
54) cis-1,3-Dichloropropene	8.366	75	36118	18.675	ug/l		97
55) 1,1,2-Trichloroethane	9.152	97	26358	21.992	ug/l		99
56) Ethyl methacrylate	9.116	69	39850	20.791	ug/l		97
57) 1,3-Dichloropropane	9.305	76	45644	21.836	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.238	63	96311	102.342	ug/l		99
59) 2-Hexanone	9.433	43	168768	126.428	ug/l		100
60) Dibromochloromethane	9.518	129	27705	21.668	ug/l		99
61) 1,2-Dibromoethane	9.610	107	26311	21.764	ug/l		98
64) Tetrachloroethene	9.268	164	20140	20.102	ug/l		97
65) Chlorobenzene	10.079	112	68777	20.316	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.158	131	22508	20.627	ug/l		97
67) Ethyl Benzene	10.189	91	119165	19.905	ug/l		100
68) m/p-Xylenes	10.299	106	89735	40.699	ug/l		98
69) o-Xylene	10.640	106	44281	20.018	ug/l		98
70) Styrene	10.652	104	73832	20.767	ug/l		98
71) Bromoform	10.799	173	17403	21.449	ug/l	#	99
73) Isopropylbenzene	10.963	105	112099	19.794	ug/l		99
74) N-amyl acetate	10.841	43	52972	20.606	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.213	83	42413	21.738	ug/l		100
76) 1,2,3-Trichloropropane	11.237	75	33440m	21.394	ug/l		
77) Bromobenzene	11.195	156	26310	20.466	ug/l		99
78) n-propylbenzene	11.305	91	128284	19.641	ug/l		100
79) 2-Chlorotoluene	11.359	91	79275	19.775	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	94545	20.581	ug/l		98
81) trans-1,4-Dichloro-2-b...	11.018	75	8759	15.196	ug/l		96
82) 4-Chlorotoluene	11.451	91	86281	19.443	ug/l		98
83) tert-Butylbenzene	11.713	119	93670	20.159	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	94734	20.943	ug/l		100
85) sec-Butylbenzene	11.890	105	115953	20.160	ug/l		100
86) p-Isopropyltoluene	12.006	119	91554	19.827	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	47934	20.400	ug/l		97
88) 1,4-Dichlorobenzene	12.042	146	46657	19.615	ug/l		99
89) n-Butylbenzene	12.329	91	78135	19.249	ug/l		100
90) Hexachloroethane	12.536	117	15919	18.483	ug/l		98
91) 1,2-Dichlorobenzene	12.335	146	48632	21.031	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.944	75	7987	22.119	ug/l		99
93) 1,2,4-Trichlorobenzene	13.585	180	27424	19.617	ug/l		99
94) Hexachlorobutadiene	13.725	225	10934	19.616	ug/l		99
95) Naphthalene	13.774	128	108350	21.279	ug/l		100
96) 1,2,3-Trichlorobenzene	13.963	180	28937	20.432	ug/l		98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045070.D
Acq On : 28 Feb 2025 02:37
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

Quant Time: Feb 28 05:33:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 05:28:02 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

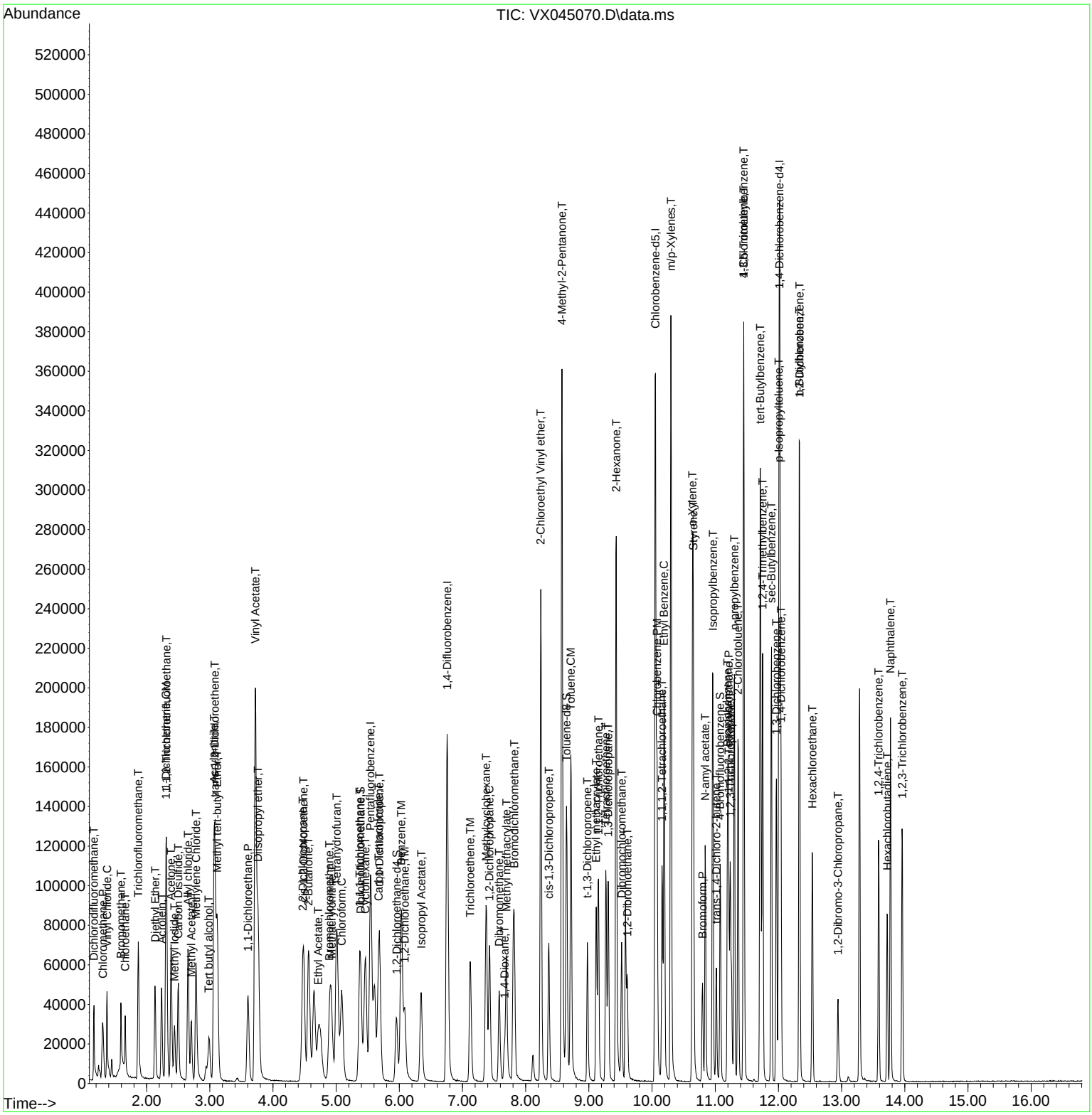
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045070.D
Acq On : 28 Feb 2025 02:37
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Feb 28 05:33:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 05:28:02 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045071.D
Acq On : 28 Feb 2025 03:00
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

Quant Time: Feb 28 05:34:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 05:28:02 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	103235	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	186358	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	162079	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	71264	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	78159	51.250	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.500%			
35) Dibromofluoromethane	5.385	113	61323	50.346	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.700%			
50) Toluene-d8	8.647	98	225493	49.449	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.900%			
62) 4-Bromofluorobenzene	11.079	95	74945	49.212	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 98.420%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	64743	45.502	ug/l	100
3) Chloromethane	1.307	50	77729	44.894	ug/l	100
4) Vinyl Chloride	1.374	62	78524	46.434	ug/l	100
5) Bromomethane	1.593	94	30169	57.066	ug/l	100
6) Chloroethane	1.660	64	38461	59.750	ug/l	100
7) Trichlorofluoromethane	1.868	101	108411	50.047	ug/l	100
8) Diethyl Ether	2.136	74	40001	50.814	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.313	101	61312	47.399	ug/l	100
10) Methyl Iodide	2.441	142	79357	47.854	ug/l	100
11) Tert butyl alcohol	2.983	59	69139	247.496	ug/l	100
12) 1,1-Dichloroethene	2.307	96	64327	48.434	ug/l	100
13) Acrolein	2.233	56	89603	296.189	ug/l	100
14) Allyl chloride	2.654	41	114313	47.875	ug/l	100
15) Acrylonitrile	3.062	53	211455	278.519	ug/l	100
16) Acetone	2.386	43	181429	289.130	ug/l	100
17) Carbon Disulfide	2.502	76	171353	47.419	ug/l	100
18) Methyl Acetate	2.703	43	89508	47.359	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	215043	50.642	ug/l	100
20) Methylene Chloride	2.782	84	72081	48.500	ug/l	100
21) trans-1,2-Dichloroethene	3.087	96	65093	49.832	ug/l	100
22) Diisopropyl ether	3.764	45	236563	51.816	ug/l	100
23) Vinyl Acetate	3.721	43	1018631	271.773	ug/l	100
24) 1,1-Dichloroethane	3.605	63	128235	50.270	ug/l	100
25) 2-Butanone	4.562	43	298785	295.330	ug/l	100
26) 2,2-Dichloropropane	4.471	77	61631	32.498	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	78657	49.955	ug/l	100
28) Bromochloromethane	4.898	49	62299	50.643	ug/l	100
29) Tetrahydrofuran	5.007	42	192607	287.345	ug/l	100
30) Chloroform	5.087	83	128581	51.532	ug/l	100
31) Cyclohexane	5.464	56	114333	48.836	ug/l	100
32) 1,1,1-Trichloroethane	5.379	97	105671	50.306	ug/l	100
36) 1,1-Dichloropropene	5.690	75	87338	49.861	ug/l	100
37) Ethyl Acetate	4.715	43	112892	56.641	ug/l	100
38) Carbon Tetrachloride	5.672	117	87123	50.593	ug/l	100
39) Methylcyclohexane	7.373	83	108974	48.715	ug/l	100
40) Benzene	6.031	78	278802	50.925	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045071.D
Acq On : 28 Feb 2025 03:00
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Feb 28 05:34:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 05:28:02 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.922	41	63454	59.598	ug/l		100
42) 1,2-Dichloroethane	6.080	62	98340	55.428	ug/l		100
43) Isopropyl Acetate	6.342	43	173045	54.544	ug/l		100
44) Trichloroethene	7.123	130	63513	50.756	ug/l		100
45) 1,2-Dichloropropane	7.428	63	69128	50.808	ug/l		100
46) Dibromomethane	7.580	93	50143	52.757	ug/l		100
47) Bromodichloromethane	7.818	83	97729	53.153	ug/l		100
48) Methyl methacrylate	7.690	41	86231	57.256	ug/l		100
49) 1,4-Dioxane	7.659	88	35053	1095.003	ug/l		100
51) 4-Methyl-2-Pentanone	8.574	43	568737	292.570	ug/l		100
52) Toluene	8.714	92	167431	51.505	ug/l		100
53) t-1,3-Dichloropropene	8.976	75	87373	48.078	ug/l		100
54) cis-1,3-Dichloropropene	8.366	75	99713	49.079	ug/l		100
55) 1,1,2-Trichloroethane	9.147	97	66379	52.724	ug/l		100
56) Ethyl methacrylate	9.116	69	106157	52.724	ug/l		100
57) 1,3-Dichloropropane	9.305	76	115488	52.594	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.238	63	264555	267.612	ug/l		100
59) 2-Hexanone	9.427	43	416984	297.362	ug/l		100
60) Dibromochloromethane	9.519	129	71569	53.284	ug/l		100
61) 1,2-Dibromoethane	9.604	107	66312	52.217	ug/l		100
64) Tetrachloroethene	9.269	164	52531	51.021	ug/l		100
65) Chlorobenzene	10.079	112	176922	50.853	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.159	131	57642	51.402	ug/l		100
67) Ethyl Benzene	10.189	91	316427	51.431	ug/l		100
68) m/p-Xylenes	10.299	106	234554	103.515	ug/l		100
69) o-Xylene	10.640	106	114440	50.341	ug/l		100
70) Styrene	10.653	104	191406	52.387	ug/l		100
71) Bromoform	10.799	173	44730	53.645	ug/l	#	100
73) Isopropylbenzene	10.963	105	294694	51.167	ug/l		100
74) N-amyl acetate	10.842	43	140869	53.881	ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.213	83	101089	50.945	ug/l		100
76) 1,2,3-Trichloropropane	11.238	75	81743m	51.421	ug/l		
77) Bromobenzene	11.195	156	66904	51.173	ug/l		100
78) n-propylbenzene	11.305	91	342399	51.546	ug/l		100
79) 2-Chlorotoluene	11.360	91	204484	50.154	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	241129	51.613	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	24135	41.172	ug/l		100
82) 4-Chlorotoluene	11.451	91	230493	51.072	ug/l		100
83) tert-Butylbenzene	11.713	119	240510	50.895	ug/l		100
84) 1,2,4-Trimethylbenzene	11.750	105	240719	52.326	ug/l		100
85) sec-Butylbenzene	11.890	105	300393	51.353	ug/l		100
86) p-Isopropyltoluene	12.006	119	244031	51.964	ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	118879	49.747	ug/l		100
88) 1,4-Dichlorobenzene	12.036	146	120217	49.694	ug/l		100
89) n-Butylbenzene	12.329	91	214685	52.006	ug/l		100
90) Hexachloroethane	12.536	117	43086	49.188	ug/l		100
91) 1,2-Dichlorobenzene	12.335	146	118896	50.557	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	20610	56.123	ug/l		100
93) 1,2,4-Trichlorobenzene	13.585	180	71897	50.571	ug/l		100
94) Hexachlorobutadiene	13.725	225	27916	49.245	ug/l		100
95) Naphthalene	13.774	128	278086	53.700	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	75482	52.406	ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045071.D
Acq On : 28 Feb 2025 03:00
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

Quant Time: Feb 28 05:34:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 05:28:02 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

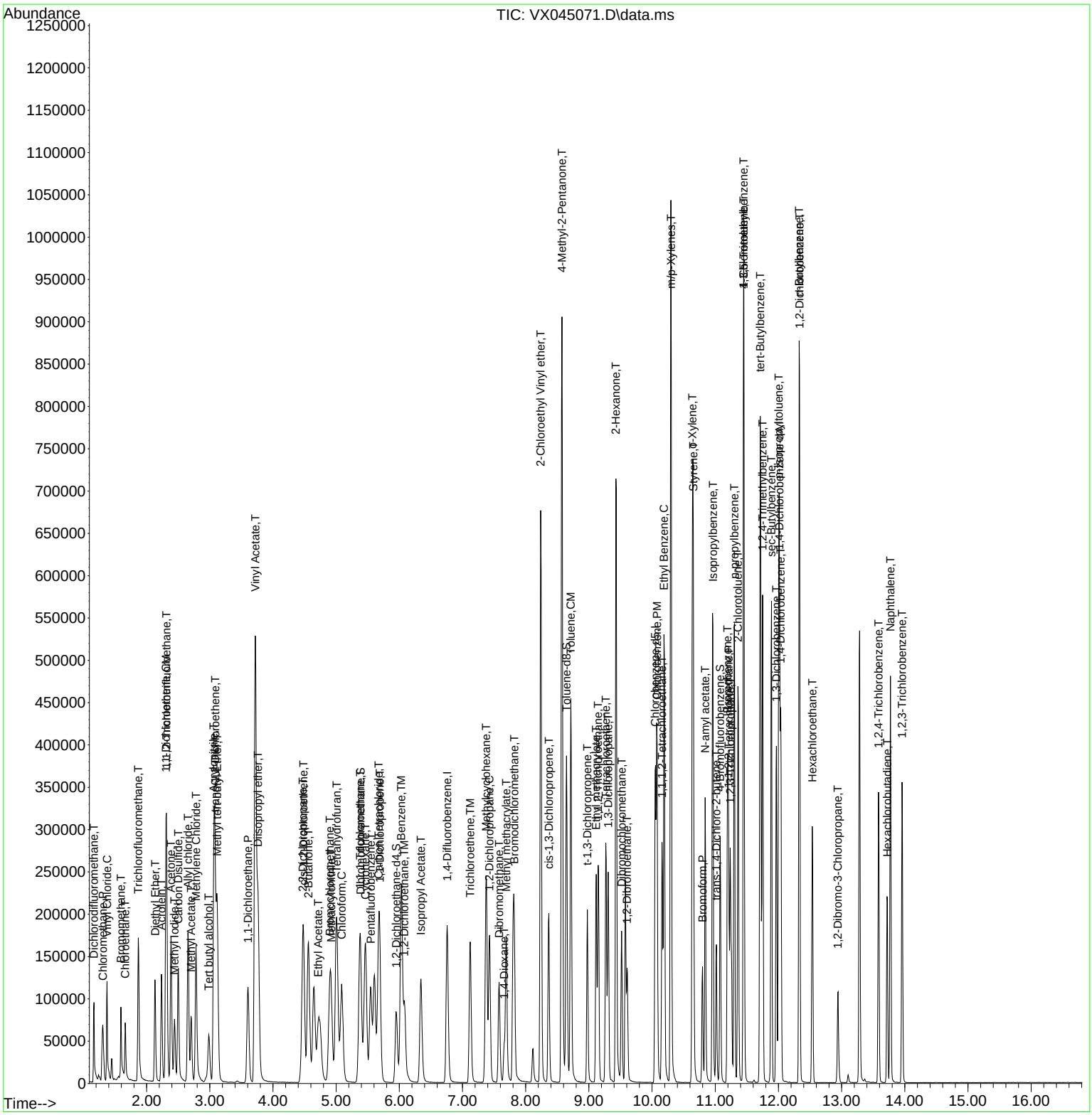
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045071.D
Acq On : 28 Feb 2025 03:00
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Feb 28 05:34:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 05:28:02 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045072.D
Acq On : 28 Feb 2025 03:23
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

Quant Time: Feb 28 05:35:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 05:28:02 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	101178	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	181031	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	151175	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	69086	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	158452	106.011	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 212.020%#			
35) Dibromofluoromethane	5.385	113	123185	104.110	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 208.220%#			
50) Toluene-d8	8.647	98	441188	99.595	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 199.200%#			
62) 4-Bromofluorobenzene	11.079	95	148476	100.365	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 200.720%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	126718	90.869	ug/l	95
3) Chloromethane	1.306	50	145825	85.936	ug/l	98
4) Vinyl Chloride	1.373	62	154734	93.360	ug/l	96
5) Bromomethane	1.593	94	57503	110.980	ug/l	97
6) Chloroethane	1.660	64	60155	95.351	ug/l	97
7) Trichlorofluoromethane	1.861	101	198701	93.594	ug/l	99
8) Diethyl Ether	2.135	74	78263	101.441	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.312	101	120518	95.064	ug/l	98
10) Methyl Iodide	2.440	142	153466	94.425	ug/l	99
11) Tert butyl alcohol	3.001	59	135016	493.141	ug/l	98
12) 1,1-Dichloroethene	2.306	96	125436	96.366	ug/l	98
13) Acrolein	2.239	56	180411	608.485	ug/l	99
14) Allyl chloride	2.654	41	220783	94.344	ug/l	98
15) Acrylonitrile	3.068	53	391946	526.749	ug/l	100
16) Acetone	2.392	43	348698	566.991	ug/l	99
17) Carbon Disulfide	2.495	76	345572	97.574	ug/l	98
18) Methyl Acetate	2.709	43	175784	94.899	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	431413	103.661	ug/l	100
20) Methylene Chloride	2.782	84	140388	96.381	ug/l	98
21) trans-1,2-Dichloroethene	3.080	96	128232	100.164	ug/l	98
22) Diisopropyl ether	3.763	45	467534	104.489	ug/l	98
23) Vinyl Acetate	3.721	43	2035880	554.219	ug/l	99
24) 1,1-Dichloroethane	3.605	63	257023	102.805	ug/l	100
25) 2-Butanone	4.562	43	559182	563.952	ug/l	99
26) 2,2-Dichloropropane	4.470	77	124805	67.148	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	155193	100.568	ug/l	99
28) Bromochloromethane	4.897	49	113848	94.428	ug/l	98
29) Tetrahydrofuran	5.007	42	365565	556.465	ug/l	100
30) Chloroform	5.092	83	248978	101.814	ug/l	97
31) Cyclohexane	5.464	56	231082	100.711	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	211302	102.638	ug/l	99
36) 1,1-Dichloropropene	5.690	75	172295	101.258	ug/l	99
37) Ethyl Acetate	4.720	43	220327	113.796	ug/l	99
38) Carbon Tetrachloride	5.671	117	177219	105.940	ug/l	97
39) Methylcyclohexane	7.372	83	219856	101.175	ug/l	99
40) Benzene	6.031	78	541974	101.908	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045072.D
Acq On : 28 Feb 2025 03:23
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Feb 28 05:35:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 05:28:02 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.922	41	120186	116.205	ug/l		98
42) 1,2-Dichloroethane	6.086	62	189857	110.158	ug/l		99
43) Isopropyl Acetate	6.342	43	338414	109.806	ug/l		99
44) Trichloroethene	7.122	130	128124	105.402	ug/l		96
45) 1,2-Dichloropropane	7.427	63	135997	102.898	ug/l		100
46) Dibromomethane	7.580	93	97248	105.329	ug/l		99
47) Bromodichloromethane	7.817	83	191016	106.947	ug/l		97
48) Methyl methacrylate	7.695	41	165825	113.344	ug/l		99
49) 1,4-Dioxane	7.665	88	66308	2132.314	ug/l		99
51) 4-Methyl-2-Pentanone	8.573	43	1048140	555.050	ug/l		99
52) Toluene	8.714	92	316349	100.178	ug/l		100
53) t-1,3-Dichloropropene	8.976	75	177352	100.462	ug/l		97
54) cis-1,3-Dichloropropene	8.366	75	200943	101.815	ug/l		98
55) 1,1,2-Trichloroethane	9.146	97	123426	100.920	ug/l		99
56) Ethyl methacrylate	9.116	69	208782	106.744	ug/l		100
57) 1,3-Dichloropropane	9.305	76	216267	101.387	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.238	63	494551	514.987	ug/l		99
59) 2-Hexanone	9.433	43	779492	572.233	ug/l		99
60) Dibromochloromethane	9.518	129	139245	106.719	ug/l		99
61) 1,2-Dibromoethane	9.610	107	128617	104.259	ug/l		99
64) Tetrachloroethene	9.268	164	99386	103.491	ug/l		98
65) Chlorobenzene	10.079	112	332473	102.456	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.158	131	112451	107.511	ug/l		96
67) Ethyl Benzene	10.189	91	596257	103.905	ug/l		100
68) m/p-Xylenes	10.299	106	432214	204.507	ug/l		99
69) o-Xylene	10.640	106	213835	100.849	ug/l		99
70) Styrene	10.652	104	357649	104.948	ug/l		99
71) Bromoform	10.799	173	90800	116.751	ug/l	#	99
73) Isopropylbenzene	10.963	105	553533	99.138	ug/l		99
74) N-amyl acetate	10.841	43	287104	113.277	ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.213	83	192217	99.923	ug/l		98
76) 1,2,3-Trichloropropane	11.238	75	156259m	101.395	ug/l		
77) Bromobenzene	11.195	156	125700	99.175	ug/l		97
78) n-propylbenzene	11.305	91	648835	100.758	ug/l		99
79) 2-Chlorotoluene	11.359	91	382703	96.825	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	445466	98.356	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	51975	91.460	ug/l		99
82) 4-Chlorotoluene	11.451	91	433881	99.168	ug/l		100
83) tert-Butylbenzene	11.713	119	454859	99.288	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	450108	100.926	ug/l		99
85) sec-Butylbenzene	11.890	105	570006	100.517	ug/l		100
86) p-Isopropyltoluene	12.006	119	465512	102.252	ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	231440	99.903	ug/l		100
88) 1,4-Dichlorobenzene	12.042	146	230663	98.355	ug/l		99
89) n-Butylbenzene	12.329	91	428209	107.000	ug/l		99
90) Hexachloroethane	12.536	117	87448	102.980	ug/l		99
91) 1,2-Dichlorobenzene	12.335	146	233125	102.254	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.938	75	41402	116.296	ug/l		99
93) 1,2,4-Trichlorobenzene	13.585	180	148368	107.648	ug/l		99
94) Hexachlorobutadiene	13.725	225	56065	102.019	ug/l		99
95) Naphthalene	13.774	128	565250	112.593	ug/l		100
96) 1,2,3-Trichlorobenzene	13.963	180	152970	109.554	ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045072.D
Acq On : 28 Feb 2025 03:23
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

Quant Time: Feb 28 05:35:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 05:28:02 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

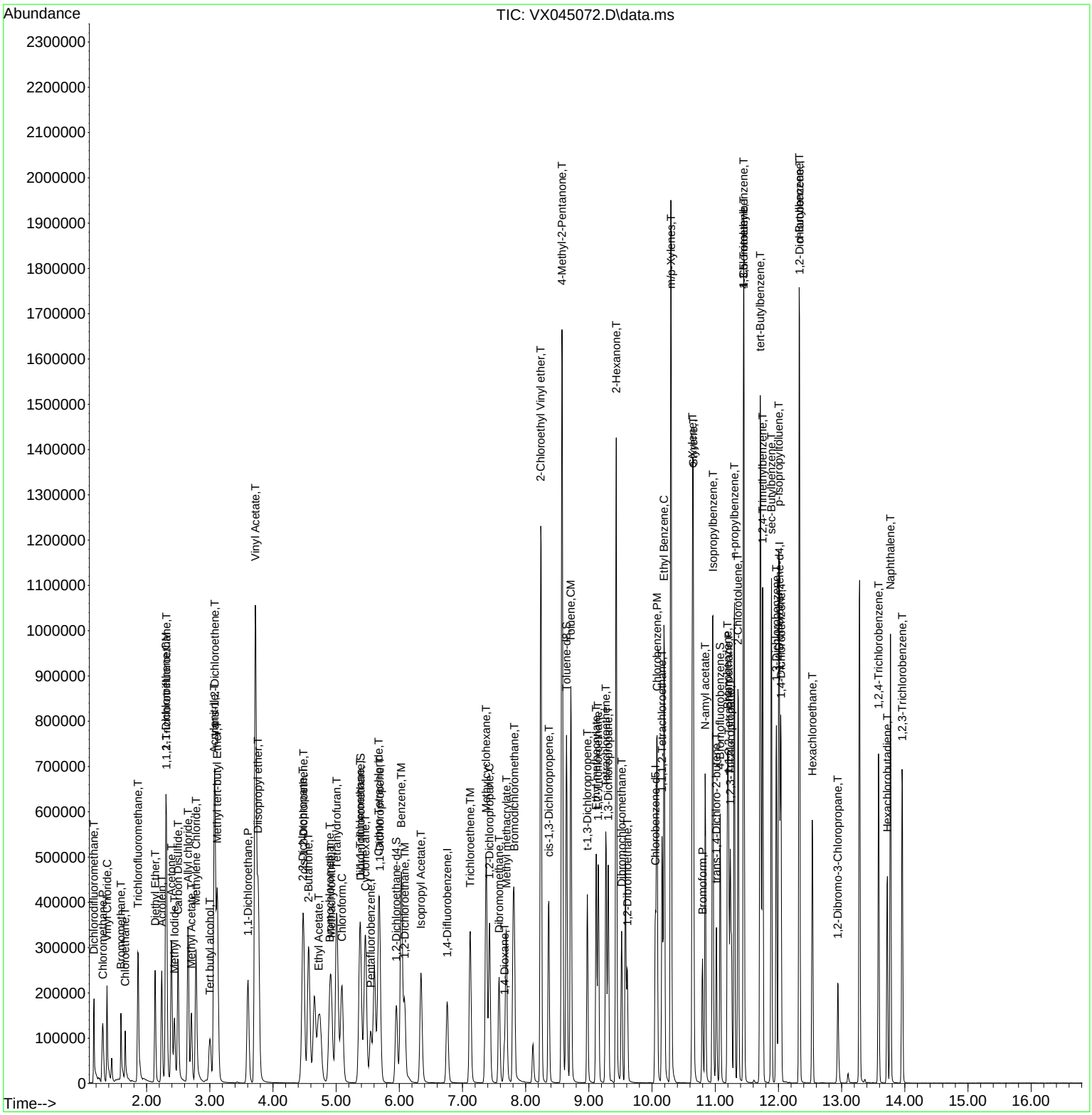
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045072.D
Acq On : 28 Feb 2025 03:23
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Feb 28 05:35:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 05:28:02 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045073.D
Acq On : 28 Feb 2025 03:47
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

Quant Time: Feb 28 05:36:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 05:28:02 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	95754	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	176991	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	150547	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	67685	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	234624	165.865	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 331.740%#			
35) Dibromofluoromethane	5.379	113	179722	155.359	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 310.720%#			
50) Toluene-d8	8.647	98	638979	147.538	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 295.080%#			
62) 4-Bromofluorobenzene	11.079	95	223346	154.420	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 308.840%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	174297	132.067	ug/l	96
3) Chloromethane	1.307	50	213704	133.072	ug/l	97
4) Vinyl Chloride	1.374	62	217672	138.774	ug/l	97
5) Bromomethane	1.593	94	83547	170.379	ug/l	98
6) Chloroethane	1.660	64	82101	137.509	ug/l	95
7) Trichlorofluoromethane	1.861	101	272235	135.494	ug/l	98
8) Diethyl Ether	2.136	74	110005	150.660	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.313	101	161825	134.877	ug/l	99
10) Methyl Iodide	2.441	142	212355	138.059	ug/l	99
11) Tert butyl alcohol	3.014	59	195415	754.176	ug/l	97
12) 1,1-Dichloroethene	2.300	96	173271	140.655	ug/l	96
13) Acrolein	2.239	56	263999	940.846	ug/l	98
14) Allyl chloride	2.654	41	308018	139.077	ug/l	98
15) Acrylonitrile	3.069	53	573208	813.990	ug/l	99
16) Acetone	2.392	43	511828	879.387	ug/l	100
17) Carbon Disulfide	2.495	76	487720	145.511	ug/l	98
18) Methyl Acetate	2.709	43	258303	147.347	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	619778	157.358	ug/l	99
20) Methylene Chloride	2.782	84	202913	147.198	ug/l	99
21) trans-1,2-Dichloroethene	3.081	96	176924	146.027	ug/l	98
22) Diisopropyl ether	3.764	45	662828	156.526	ug/l	98
23) Vinyl Acetate	3.721	43	2943150	846.586	ug/l	99
24) 1,1-Dichloroethane	3.605	63	363081	153.453	ug/l	99
25) 2-Butanone	4.568	43	818497	872.239	ug/l	99
26) 2,2-Dichloropropane	4.465	77	179826	102.231	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	220826	151.205	ug/l	98
28) Bromochloromethane	4.891	49	171273	150.105	ug/l	100
29) Tetrahydrofuran	5.007	42	528574	850.174	ug/l	99
30) Chloroform	5.093	83	351934	152.067	ug/l	97
31) Cyclohexane	5.458	56	302215	139.174	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	294434	151.120	ug/l	100
36) 1,1-Dichloropropene	5.684	75	241405	145.112	ug/l	100
37) Ethyl Acetate	4.721	43	316250	167.067	ug/l	99
38) Carbon Tetrachloride	5.672	117	245917	150.363	ug/l	99
39) Methylcyclohexane	7.373	83	292216	137.544	ug/l	97
40) Benzene	6.031	78	755854	145.368	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045073.D
Acq On : 28 Feb 2025 03:47
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Feb 28 05:36:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 05:28:02 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Methacrylonitrile	4.928	41	175023	173.088 ug/l		99
42) 1,2-Dichloroethane	6.080	62	276129	163.872 ug/l		99
43) Isopropyl Acetate	6.342	43	511643	169.804 ug/l		99
44) Trichloroethene	7.123	130	178483	150.181 ug/l		97
45) 1,2-Dichloropropane	7.428	63	198135	153.334 ug/l		100
46) Dibromomethane	7.580	93	142119	157.443 ug/l		99
47) Bromodichloromethane	7.818	83	280255	160.492 ug/l		99
48) Methyl methacrylate	7.696	41	252275	176.370 ug/l		99
49) 1,4-Dioxane	7.665	88	96268	3166.423 ug/l		99
51) 4-Methyl-2-Pentanone	8.580	43	1536157	832.051 ug/l		99
52) Toluene	8.714	92	448664	145.321 ug/l		99
53) t-1,3-Dichloropropene	8.976	75	266444	154.373 ug/l		96
54) cis-1,3-Dichloropropene	8.366	75	293521	152.117 ug/l		96
55) 1,1,2-Trichloroethane	9.147	97	178217	149.046 ug/l		98
56) Ethyl methacrylate	9.116	69	310992	162.631 ug/l		98
57) 1,3-Dichloropropane	9.305	76	312196	149.699 ug/l		100
58) 2-Chloroethyl Vinyl ether	8.238	63	717328	764.019 ug/l		99
59) 2-Hexanone	9.433	43	1156653	868.492 ug/l		100
60) Dibromochloromethane	9.519	129	201906	158.276 ug/l		99
61) 1,2-Dibromoethane	9.610	107	185828	154.074 ug/l		100
64) Tetrachloroethene	9.269	164	139536	145.906 ug/l		94
65) Chlorobenzene	10.079	112	472117	146.096 ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.159	131	163370	156.845 ug/l		97
67) Ethyl Benzene	10.189	91	852575	149.191 ug/l		99
68) m/p-Xylenes	10.299	106	607523	288.655 ug/l		97
69) o-Xylene	10.640	106	302495	143.259 ug/l		99
70) Styrene	10.653	104	512379	150.979 ug/l		99
71) Bromoform	10.799	173	135388	174.808 ug/l	#	99
73) Isopropylbenzene	10.963	105	780706	142.719 ug/l		99
74) N-amyl acetate	10.842	43	429686	173.042 ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.213	83	283558	150.458 ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	229435m	151.960 ug/l		
77) Bromobenzene	11.195	156	180997	145.760 ug/l		96
78) n-propylbenzene	11.305	91	923593	146.395 ug/l		99
79) 2-Chlorotoluene	11.366	91	548695	141.695 ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	635832	143.293 ug/l		98
81) trans-1,4-Dichloro-2-b...	11.018	75	82267	147.761 ug/l		98
82) 4-Chlorotoluene	11.451	91	627816	146.464 ug/l		99
83) tert-Butylbenzene	11.713	119	641713	142.974 ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	647248	148.135 ug/l		100
85) sec-Butylbenzene	11.890	105	807713	145.383 ug/l		100
86) p-Isopropyltoluene	12.006	119	664916	149.075 ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	334751	147.488 ug/l		100
88) 1,4-Dichlorobenzene	12.043	146	333594	145.189 ug/l		99
89) n-Butylbenzene	12.329	91	620757	158.324 ug/l		99
90) Hexachloroethane	12.536	117	128582	154.554 ug/l		100
91) 1,2-Dichlorobenzene	12.335	146	329318	147.436 ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	64958	186.240 ug/l		98
93) 1,2,4-Trichlorobenzene	13.585	180	219313	162.416 ug/l		99
94) Hexachlorobutadiene	13.725	225	80241	149.034 ug/l		99
95) Naphthalene	13.774	128	828949	168.538 ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	222608	162.727 ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045073.D
Acq On : 28 Feb 2025 03:47
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

Quant Time: Feb 28 05:36:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 05:28:02 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

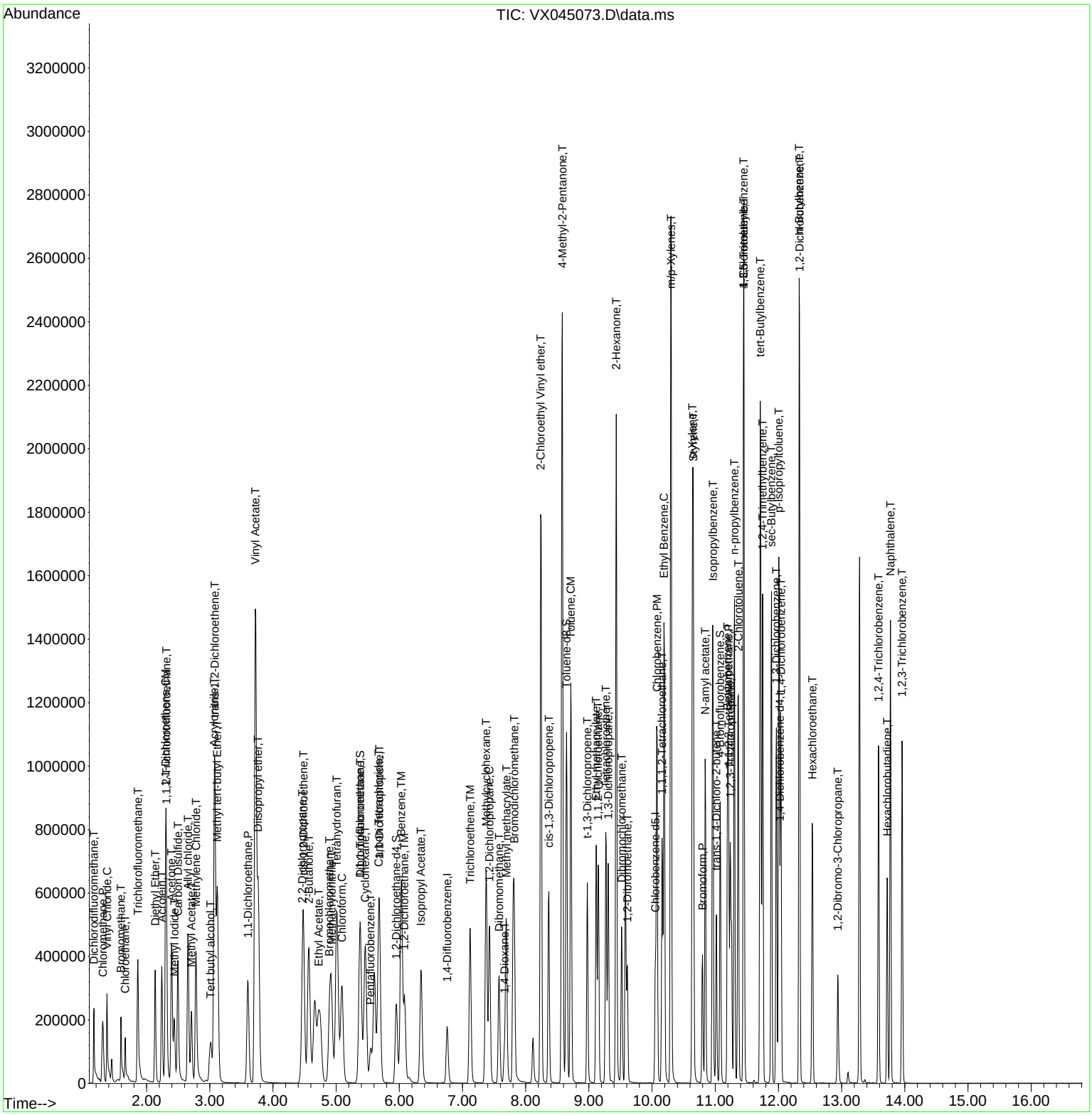
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045073.D
Acq On : 28 Feb 2025 03:47
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Feb 28 05:36:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 05:28:02 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045075.D
Acq On : 28 Feb 2025 04:33
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

Manual Integrations APPROVED

Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

Quant Time: Feb 28 06:55:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	101603	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	184964	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	157797	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	69357	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	81288	50.297	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.600%			
35) Dibromofluoromethane	5.385	113	62880	50.841	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.680%			
50) Toluene-d8	8.647	98	225823	50.364	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.720%			
62) 4-Bromofluorobenzene	11.079	95	73162	49.240	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 98.480%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	61303	47.933	ug/l	95
3) Chloromethane	1.306	50	76216	48.696	ug/l	94
4) Vinyl Chloride	1.373	62	76901	49.529	ug/l	97
5) Bromomethane	1.593	94	28193	46.190	ug/l	97
6) Chloroethane	1.660	64	30042	41.948	ug/l	99
7) Trichlorofluoromethane	1.867	101	101886	49.569	ug/l	98
8) Diethyl Ether	2.136	74	39113	48.651	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.312	101	59477	50.367	ug/l	100
10) Methyl Iodide	2.440	142	74585	50.541	ug/l	98
11) Tert butyl alcohol	2.989	59	73034	238.577	ug/l	98
12) 1,1-Dichloroethene	2.306	96	61885	49.568	ug/l	98
13) Acrolein	2.239	56	95989	271.255	ug/l	99
14) Allyl chloride	2.654	41	114875	51.691	ug/l	98
15) Acrylonitrile	3.068	53	209607	255.479	ug/l	99
16) Acetone	2.392	43	182119	242.877	ug/l	100
17) Carbon Disulfide	2.501	76	166105	49.952	ug/l	97
18) Methyl Acetate	2.709	43	90756	50.312	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	222475	53.114	ug/l	99
20) Methylene Chloride	2.782	84	73731	49.639	ug/l	98
21) trans-1,2-Dichloroethene	3.081	96	63117	51.172	ug/l	98
22) Diisopropyl ether	3.763	45	243860	53.955	ug/l	97
23) Vinyl Acetate	3.721	43	1064817	282.313	ug/l	100
24) 1,1-Dichloroethane	3.605	63	129666	51.190	ug/l	100
25) 2-Butanone	4.562	43	298021	264.040	ug/l	98
26) 2,2-Dichloropropane	4.471	77	58694	49.401	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	78576	51.606	ug/l	100
28) Bromochloromethane	4.891	49	60849	50.399	ug/l	100
29) Tetrahydrofuran	5.007	42	195768	258.277	ug/l	99
30) Chloroform	5.086	83	126437	50.236	ug/l	98
31) Cyclohexane	5.464	56	110288	50.158	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	103546	50.939	ug/l	99
36) 1,1-Dichloropropene	5.684	75	82722	48.770	ug/l	99
37) Ethyl Acetate	4.714	43	112768	51.596	ug/l	99
38) Carbon Tetrachloride	5.672	117	85110	49.425	ug/l	99
39) Methylcyclohexane	7.372	83	103996	51.169	ug/l	98
40) Benzene	6.031	78	274206	51.195	ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045075.D
Acq On : 28 Feb 2025 04:33
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Feb 28 06:55:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

Manual Integrations APPROVED

Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.922	41	63051	53.352	ug/l		99
42) 1,2-Dichloroethane	6.080	62	97821	50.718	ug/l		100
43) Isopropyl Acetate	6.342	43	175982	54.452	ug/l		100
44) Trichloroethene	7.122	130	61530	48.924	ug/l		99
45) 1,2-Dichloropropane	7.427	63	70350	51.086	ug/l		97
46) Dibromomethane	7.580	93	50284	51.661	ug/l		99
47) Bromodichloromethane	7.817	83	97236	50.930	ug/l		99
48) Methyl methacrylate	7.689	41	87582	54.016	ug/l		100
49) 1,4-Dioxane	7.665	88	35878	1049.007	ug/l		98
51) 4-Methyl-2-Pentanone	8.573	43	564197	259.995	ug/l		99
52) Toluene	8.714	92	160331	51.020	ug/l		99
53) t-1,3-Dichloropropene	8.976	75	86584	54.247	ug/l		99
54) cis-1,3-Dichloropropene	8.366	75	98146	52.732	ug/l		95
55) 1,1,2-Trichloroethane	9.146	97	64985	50.232	ug/l		99
56) Ethyl methacrylate	9.116	69	106405	54.109	ug/l		100
57) 1,3-Dichloropropane	9.305	76	114880	51.312	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.238	63	264335	275.557	ug/l		99
59) 2-Hexanone	9.427	43	416731	265.049	ug/l		99
60) Dibromochloromethane	9.518	129	69492	51.374	ug/l		98
61) 1,2-Dibromoethane	9.610	107	66501	51.492	ug/l		99
64) Tetrachloroethene	9.268	164	50659	50.126	ug/l		96
65) Chlorobenzene	10.079	112	168885	50.580	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.159	131	56822	51.102	ug/l		98
67) Ethyl Benzene	10.189	91	300324	51.621	ug/l		100
68) m/p-Xylenes	10.299	106	220335	103.454	ug/l		99
69) o-Xylene	10.640	106	108836	50.668	ug/l		100
70) Styrene	10.652	104	181349	52.177	ug/l		100
71) Bromoform	10.799	173	44135	52.636	ug/l	#	100
73) Isopropylbenzene	10.957	105	279278	51.589	ug/l		99
74) N-amyl acetate	10.841	43	144412	56.851	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.213	83	100800	50.741	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	80618m	49.940	ug/l		
77) Bromobenzene	11.195	156	64324	50.360	ug/l		100
78) n-propylbenzene	11.305	91	319235	52.203	ug/l		99
79) 2-Chlorotoluene	11.360	91	192150	49.338	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	225622	51.544	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	23943	50.757	ug/l		99
82) 4-Chlorotoluene	11.451	91	216511	51.009	ug/l		100
83) tert-Butylbenzene	11.713	119	227357	50.552	ug/l		100
84) 1,2,4-Trimethylbenzene	11.750	105	228729	51.932	ug/l		100
85) sec-Butylbenzene	11.890	105	283931	52.703	ug/l		100
86) p-Isopropyltoluene	12.006	119	229894	52.803	ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	114778	50.372	ug/l		100
88) 1,4-Dichlorobenzene	12.036	146	115486	50.097	ug/l		99
89) n-Butylbenzene	12.329	91	204972	54.662	ug/l		99
90) Hexachloroethane	12.536	117	40844	51.866	ug/l		99
91) 1,2-Dichlorobenzene	12.335	146	116343	50.899	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.938	75	20589	53.199	ug/l		99
93) 1,2,4-Trichlorobenzene	13.585	180	71368	54.834	ug/l		98
94) Hexachlorobutadiene	13.725	225	26697	50.032	ug/l		99
95) Naphthalene	13.774	128	275844	55.163	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	74211	54.049	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045075.D
Acq On : 28 Feb 2025 04:33
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

Manual Integrations APPROVED

Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

Quant Time: Feb 28 06:55:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 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

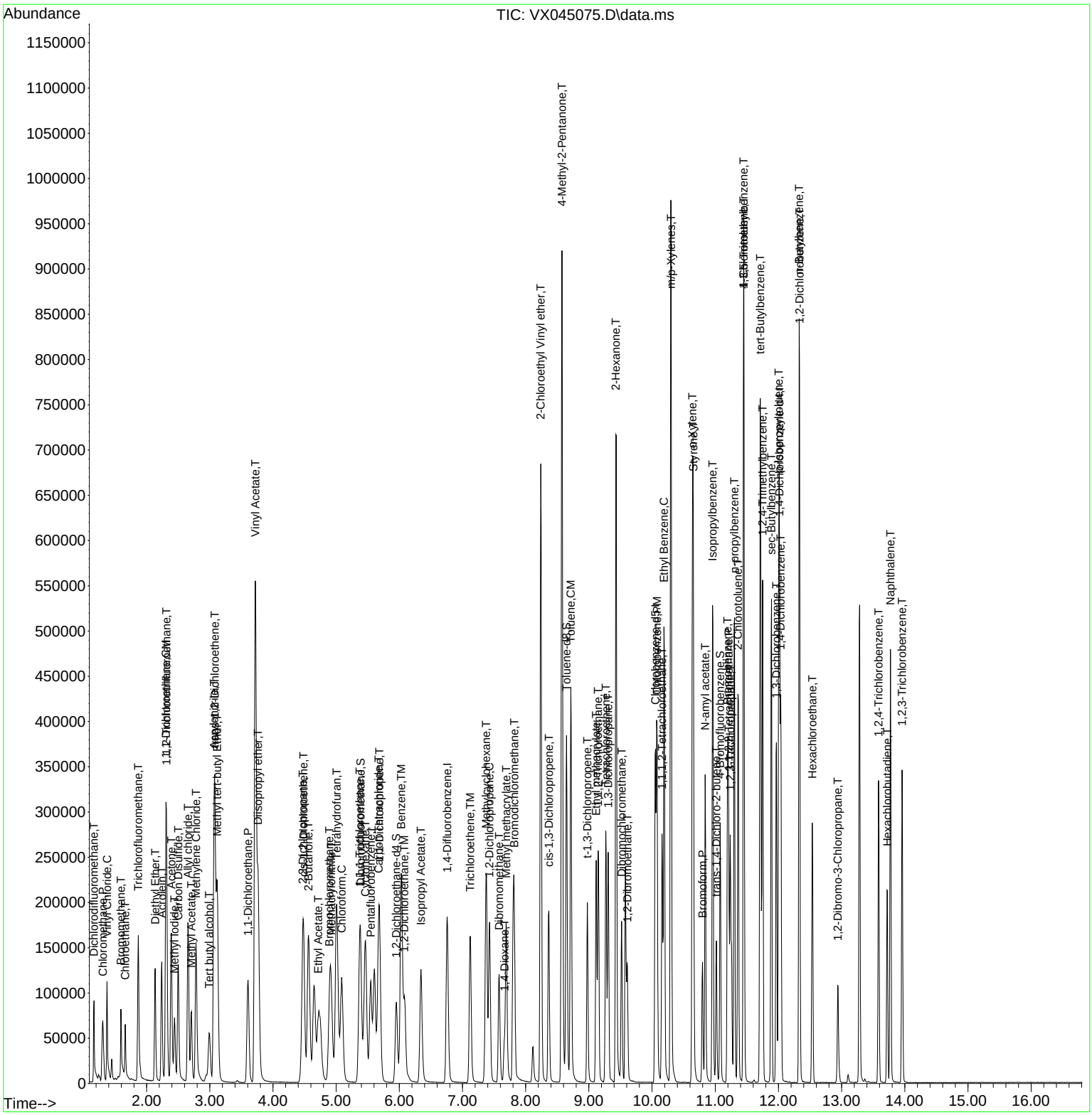
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045075.D
Acq On : 28 Feb 2025 04:33
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Feb 28 06:55:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

Manual Integrations APPROVED

Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045075.D
Acq On : 28 Feb 2025 04:33
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

Quant Time: Feb 28 06:55:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 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	98	0.00
2	T	Dichlorodifluoromethane	0.629	0.603	4.1	95	0.00
3	P	Chloromethane	0.770	0.750	2.6	98	0.00
4	C	Vinyl Chloride	0.764	0.757	0.9#	98	0.00
5	T	Bromomethane	0.300	0.277	7.7	93	0.00
6	T	Chloroethane	0.352	0.296	15.9	78	0.00
7	T	Trichlorofluoromethane	1.011	1.003	0.8	94	0.00
8	T	Diethyl Ether	0.396	0.385	2.8	98	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.581	0.585	-0.7	97	0.00
10	T	Methyl Iodide	0.726	0.734	-1.1	94	0.00
11	T	Tert butyl alcohol	0.151	0.144	4.6	106	0.00
12	CM	1,1-Dichloroethene	0.614	0.609	0.8#	96	0.00
13	T	Acrolein	0.174	0.189	-8.6	107	0.00
14	T	Allyl chloride	1.094	1.131	-3.4	100	0.00
15	T	Acrylonitrile	0.404	0.413	-2.2	99	0.00
16	T	Acetone	0.369	0.358	3.0	100	0.00
17	T	Carbon Disulfide	1.636	1.635	0.1	97	0.00
18	T	Methyl Acetate	0.888	0.893	-0.6	101	0.00
19	T	Methyl tert-butyl Ether	2.061	2.190	-6.3	103	0.00
20	T	Methylene Chloride	0.731	0.726	0.7	102	0.00
21	T	trans-1,2-Dichloroethene	0.607	0.621	-2.3	97	0.00
22	T	Diisopropyl ether	2.224	2.400	-7.9	103	0.00
23	T	Vinyl Acetate	1.856	2.096	-12.9	105	0.00
24	P	1,1-Dichloroethane	1.247	1.276	-2.3	101	0.00
25	T	2-Butanone	0.555	0.587	-5.8	100	0.00
26	T	2,2-Dichloropropane	0.585	0.578	1.2	95	0.00
27	T	cis-1,2-Dichloroethene	0.749	0.773	-3.2	100	0.00
28	T	Bromochloromethane	0.594	0.599	-0.8	98	0.00
29	T	Tetrahydrofuran	0.373	0.385	-3.2	102	0.00
30	C	Chloroform	1.239	1.244	-0.4#	98	0.00
31	T	Cyclohexane	1.082	1.085	-0.3	96	0.00
32	T	1,1,1-Trichloroethane	1.000	1.019	-1.9	98	0.00
33	S	1,2-Dichloroethane-d4	0.795	0.800	-0.6	104	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	99	0.00
35	S	Dibromofluoromethane	0.334	0.340	-1.8	103	0.00
36	T	1,1-Dichloropropene	0.459	0.447	2.6	95	0.00
37	T	Ethyl Acetate	0.591	0.610	-3.2	100	0.00
38	T	Carbon Tetrachloride	0.465	0.460	1.1	98	0.00
39	T	Methylcyclohexane	0.549	0.562	-2.4	95	0.00
40	TM	Benzene	1.448	1.482	-2.3	98	0.00
41	T	Methacrylonitrile	0.319	0.341	-6.9	99	0.00
42	TM	1,2-Dichloroethane	0.521	0.529	-1.5	99	0.00
43	T	Isopropyl Acetate	0.874	0.951	-8.8	102	0.00
44	TM	Trichloroethene	0.340	0.333	2.1	97	0.00
45	C	1,2-Dichloropropane	0.372	0.380	-2.2#	102	0.00
46	T	Dibromomethane	0.263	0.272	-3.4	100	0.00
47	T	Bromodichloromethane	0.516	0.526	-1.9	99	0.00
48	T	Methyl methacrylate	0.438	0.474	-8.2	102	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045075.D
Acq On : 28 Feb 2025 04:33
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

Quant Time: Feb 28 06:55:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 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	0.009	0.010	-11.1	102	0.00
50	S	Toluene-d8	1.212	1.221	-0.7	100	0.00
51	T	4-Methyl-2-Pentanone	0.587	0.610	-3.9	99	0.00
52	CM	Toluene	0.849	0.867	-2.1#	96	0.00
53	T	t-1,3-Dichloropropene	0.431	0.468	-8.6	99	0.00
54	T	cis-1,3-Dichloropropene	0.503	0.531	-5.6	98	0.00
55	T	1,1,2-Trichloroethane	0.350	0.351	-0.3	98	0.00
56	T	Ethyl methacrylate	0.532	0.575	-8.1	100	0.00
57	T	1,3-Dichloropropane	0.605	0.621	-2.6	99	0.00
58	T	2-Chloroethyl Vinyl ether	0.259	0.286	-10.4	100	0.00
59	T	2-Hexanone	0.425	0.451	-6.1	100	0.00
60	T	Dibromochloromethane	0.366	0.376	-2.7	97	0.00
61	T	1,2-Dibromoethane	0.349	0.360	-3.2	100	0.00
62	S	4-Bromofluorobenzene	0.402	0.396	1.5	98	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	97	0.00
64	T	Tetrachloroethene	0.320	0.321	-0.3	96	0.00
65	PM	Chlorobenzene	1.058	1.070	-1.1	95	0.00
66	T	1,1,1,2-Tetrachloroethane	0.352	0.360	-2.3	99	0.00
67	C	Ethyl Benzene	1.843	1.903	-3.3#	95	0.00
68	T	m/p-Xylenes	0.675	0.698	-3.4	94	0.00
69	T	o-Xylene	0.681	0.690	-1.3	95	0.00
70	T	Styrene	1.101	1.149	-4.4	95	0.00
71	P	Bromoform	0.266	0.280	-5.3	99	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	97	0.00
73	T	Isopropylbenzene	3.903	4.027	-3.2	95	0.00
74	T	N-amyl acetate	1.831	2.082	-13.7	103	0.00
75	P	1,1,2,2-Tetrachloroethane	1.432	1.453	-1.5	100	0.00
76	T	1,2,3-Trichloropropane	1.164	1.162	0.2	99	0.00
77	T	Bromobenzene	0.921	0.927	-0.7	96	0.00
78	T	n-propylbenzene	4.409	4.603	-4.4	93	0.00
79	T	2-Chlorotoluene	2.808	2.770	1.4	94	0.00
80	T	1,3,5-Trimethylbenzene	3.156	3.253	-3.1	94	0.00
81	T	trans-1,4-Dichloro-2-butene	0.340	0.345	-1.5	99	0.00
82	T	4-Chlorotoluene	3.060	3.122	-2.0	94	0.00
83	T	tert-Butylbenzene	3.242	3.278	-1.1	95	0.00
84	T	1,2,4-Trimethylbenzene	3.175	3.298	-3.9	95	0.00
85	T	sec-Butylbenzene	3.884	4.094	-5.4	95	0.00
86	T	p-Isopropyltoluene	3.139	3.315	-5.6	94	0.00
87	T	1,3-Dichlorobenzene	1.643	1.655	-0.7	97	0.00
88	T	1,4-Dichlorobenzene	1.662	1.665	-0.2	96	0.00
89	T	n-Butylbenzene	2.703	2.955	-9.3	95	0.00
90	T	Hexachloroethane	0.568	0.589	-3.7	95	0.00
91	T	1,2-Dichlorobenzene	1.648	1.677	-1.8	98	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.279	0.297	-6.5	100	0.00
93	T	1,2,4-Trichlorobenzene	0.938	1.029	-9.7	99	0.00
94	T	Hexachlorobutadiene	0.385	0.385	0.0	96	0.00
95	T	Naphthalene	3.605	3.977	-10.3	99	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045075.D
Acq On : 28 Feb 2025 04:33
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

Quant Time: Feb 28 06:55:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 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	0.990	1.070	-8.1	98	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\VX022825\
Data File : VX045075.D
Acq On : 28 Feb 2025 04:33
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

Quant Time: Feb 28 06:55:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 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	98	0.00
2	T	Dichlorodifluoromethane	50.000	47.933	4.1	95	0.00
3	P	Chloromethane	50.000	48.696	2.6	98	0.00
4	C	Vinyl Chloride	50.000	49.529	0.9#	98	0.00
5	T	Bromomethane	50.000	46.190	7.6	93	0.00
6	T	Chloroethane	50.000	41.948	16.1	78	0.00
7	T	Trichlorofluoromethane	50.000	49.569	0.9	94	0.00
8	T	Diethyl Ether	50.000	48.651	2.7	98	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	50.367	-0.7	97	0.00
10	T	Methyl Iodide	50.000	50.541	-1.1	94	0.00
11	T	Tert butyl alcohol	250.000	238.577	4.6	106	0.00
12	CM	1,1-Dichloroethene	50.000	49.568	0.9#	96	0.00
13	T	Acrolein	250.000	271.255	-8.5	107	0.00
14	T	Allyl chloride	50.000	51.691	-3.4	100	0.00
15	T	Acrylonitrile	250.000	255.479	-2.2	99	0.00
16	T	Acetone	250.000	242.877	2.8	100	0.00
17	T	Carbon Disulfide	50.000	49.952	0.1	97	0.00
18	T	Methyl Acetate	50.000	50.312	-0.6	101	0.00
19	T	Methyl tert-butyl Ether	50.000	53.114	-6.2	103	0.00
20	T	Methylene Chloride	50.000	49.639	0.7	102	0.00
21	T	trans-1,2-Dichloroethene	50.000	51.172	-2.3	97	0.00
22	T	Diisopropyl ether	50.000	53.955	-7.9	103	0.00
23	T	Vinyl Acetate	250.000	282.313	-12.9	105	0.00
24	P	1,1-Dichloroethane	50.000	51.190	-2.4	101	0.00
25	T	2-Butanone	250.000	264.040	-5.6	100	0.00
26	T	2,2-Dichloropropane	50.000	49.401	1.2	95	0.00
27	T	cis-1,2-Dichloroethene	50.000	51.606	-3.2	100	0.00
28	T	Bromochloromethane	50.000	50.399	-0.8	98	0.00
29	T	Tetrahydrofuran	250.000	258.277	-3.3	102	0.00
30	C	Chloroform	50.000	50.236	-0.5#	98	0.00
31	T	Cyclohexane	50.000	50.158	-0.3	96	0.00
32	T	1,1,1-Trichloroethane	50.000	50.939	-1.9	98	0.00
33	S	1,2-Dichloroethane-d4	50.000	50.297	-0.6	104	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	99	0.00
35	S	Dibromofluoromethane	50.000	50.841	-1.7	103	0.00
36	T	1,1-Dichloropropene	50.000	48.770	2.5	95	0.00
37	T	Ethyl Acetate	50.000	51.596	-3.2	100	0.00
38	T	Carbon Tetrachloride	50.000	49.425	1.2	98	0.00
39	T	Methylcyclohexane	50.000	51.169	-2.3	95	0.00
40	TM	Benzene	50.000	51.195	-2.4	98	0.00
41	T	Methacrylonitrile	50.000	53.352	-6.7	99	0.00
42	TM	1,2-Dichloroethane	50.000	50.718	-1.4	99	0.00
43	T	Isopropyl Acetate	50.000	54.452	-8.9	102	0.00
44	TM	Trichloroethene	50.000	48.924	2.2	97	0.00
45	C	1,2-Dichloropropane	50.000	51.086	-2.2#	102	0.00
46	T	Dibromomethane	50.000	51.661	-3.3	100	0.00
47	T	Bromodichloromethane	50.000	50.930	-1.9	99	0.00
48	T	Methyl methacrylate	50.000	54.016	-8.0	102	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045075.D
Acq On : 28 Feb 2025 04:33
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

Quant Time: Feb 28 06:55:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 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	1049.007	-4.9	102	0.00
50	S	Toluene-d8	50.000	50.364	-0.7	100	0.00
51	T	4-Methyl-2-Pentanone	250.000	259.995	-4.0	99	0.00
52	CM	Toluene	50.000	51.020	-2.0#	96	0.00
53	T	t-1,3-Dichloropropene	50.000	54.247	-8.5	99	0.00
54	T	cis-1,3-Dichloropropene	50.000	52.732	-5.5	98	0.00
55	T	1,1,2-Trichloroethane	50.000	50.232	-0.5	98	0.00
56	T	Ethyl methacrylate	50.000	54.109	-8.2	100	0.00
57	T	1,3-Dichloropropane	50.000	51.312	-2.6	99	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	275.557	-10.2	100	0.00
59	T	2-Hexanone	250.000	265.049	-6.0	100	0.00
60	T	Dibromochloromethane	50.000	51.374	-2.7	97	0.00
61	T	1,2-Dibromoethane	50.000	51.492	-3.0	100	0.00
62	S	4-Bromofluorobenzene	50.000	49.240	1.5	98	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	97	0.00
64	T	Tetrachloroethene	50.000	50.126	-0.3	96	0.00
65	PM	Chlorobenzene	50.000	50.580	-1.2	95	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	51.102	-2.2	99	0.00
67	C	Ethyl Benzene	50.000	51.621	-3.2#	95	0.00
68	T	m/p-Xylenes	100.000	103.454	-3.5	94	0.00
69	T	o-Xylene	50.000	50.668	-1.3	95	0.00
70	T	Styrene	50.000	52.177	-4.4	95	0.00
71	P	Bromoform	50.000	52.636	-5.3	99	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	97	0.00
73	T	Isopropylbenzene	50.000	51.589	-3.2	95	0.00
74	T	N-amyl acetate	50.000	56.851	-13.7	103	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	50.741	-1.5	100	0.00
76	T	1,2,3-Trichloropropane	50.000	49.940	0.1	99	0.00
77	T	Bromobenzene	50.000	50.360	-0.7	96	0.00
78	T	n-propylbenzene	50.000	52.203	-4.4	93	0.00
79	T	2-Chlorotoluene	50.000	49.338	1.3	94	0.00
80	T	1,3,5-Trimethylbenzene	50.000	51.544	-3.1	94	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	50.757	-1.5	99	0.00
82	T	4-Chlorotoluene	50.000	51.009	-2.0	94	0.00
83	T	tert-Butylbenzene	50.000	50.552	-1.1	95	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.932	-3.9	95	0.00
85	T	sec-Butylbenzene	50.000	52.703	-5.4	95	0.00
86	T	p-Isopropyltoluene	50.000	52.803	-5.6	94	0.00
87	T	1,3-Dichlorobenzene	50.000	50.372	-0.7	97	0.00
88	T	1,4-Dichlorobenzene	50.000	50.097	-0.2	96	0.00
89	T	n-Butylbenzene	50.000	54.662	-9.3	95	0.00
90	T	Hexachloroethane	50.000	51.866	-3.7	95	0.00
91	T	1,2-Dichlorobenzene	50.000	50.899	-1.8	98	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	53.199	-6.4	100	0.00
93	T	1,2,4-Trichlorobenzene	50.000	54.834	-9.7	99	0.00
94	T	Hexachlorobutadiene	50.000	50.032	-0.1	96	0.00
95	T	Naphthalene	50.000	55.163	-10.3	99	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045075.D
Acq On : 28 Feb 2025 04:33
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX022825

Quant Time: Feb 28 06:55:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 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	54.049	-8.1	98	0.00

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

Raw Data: **VX045077.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.: Q1469 SAS No.: Q1469 SDG No.: Q1469

Instrument ID: MSVOA_X Calibration Date/Time: 02/28/2025 10:32

Lab File ID: VX045077.D Init. Calib. Date(s): 02/28/2025 02/28/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 01:27 03:47

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.629	0.632		0.48	20
Chloromethane	0.770	0.741	0.1	-3.77	20
Vinyl Chloride	0.764	0.729		-4.58	20
Ethyl Acetate	0.591	0.563		-4.74	20
Bromomethane	0.300	0.282		-6	20
Chloroethane	0.352	0.283		-19.6	20
Trichlorofluoromethane	1.012	0.999		-1.28	20
1,1,2-Trichlorotrifluoroethane	0.581	0.595		2.41	20
Tert butyl alcohol	0.151	0.127		-15.89	20
1,1-Dichloroethene	0.614	0.584		-4.89	20
Acrolein	0.174	0.181		4.02	20
Acrylonitrile	0.404	0.363		-10.15	20
Acetone	0.369	0.312		-15.45	20
Carbon Disulfide	1.636	1.571		-3.97	20
Methyl tert-butyl Ether	2.061	1.935		-6.11	20
Methyl Acetate	0.888	0.794		-10.59	20
Methylene Chloride	0.731	0.667		-8.76	20
trans-1,2-Dichloroethene	0.607	0.586		-3.46	20
Vinyl Acetate	1.856	1.865		0.49	20
1,1-Dichloroethane	1.247	1.167	0.1	-6.41	20
Cyclohexane	1.082	1.078		-0.37	20
2-Butanone	0.555	0.512		-7.75	20
Carbon Tetrachloride	0.465	0.459		-1.29	20
2,2-Dichloropropane	0.585	0.849		45.13	20
cis-1,2-Dichloroethene	0.749	0.712		-4.94	20
Bromochloromethane	0.594	0.552		-7.07	20
Chloroform	1.239	1.140		-7.99	20
1,1,1-Trichloroethane	1.000	0.948		-5.2	20
Methylcyclohexane	0.549	0.617		12.39	20
1,1-Dichloropropene	0.459	0.452		-1.52	20
Benzene	1.448	1.433		-1.04	20
1,2-Dichloroethane	0.521	0.494		-5.18	20
Trichloroethene	0.340	0.328		-3.53	20
1,2-Dichloropropane	0.372	0.358		-3.76	20
Dibromomethane	0.263	0.259		-1.52	20
Bromodichloromethane	0.516	0.508		-1.55	20
4-Methyl-2-Pentanone	0.587	0.565		-3.75	20
Toluene	0.849	0.870		2.47	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: **VX045077.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.: Q1469 SAS No.: Q1469 SDG No.: Q1469

Instrument ID: MSVOA_X Calibration Date/Time: 02/28/2025 10:32

Lab File ID: VX045077.D Init. Calib. Date(s): 02/28/2025 02/28/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 01:27 03:47

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
t-1,3-Dichloropropene	0.431	0.483		12.06	20
cis-1,3-Dichloropropene	0.503	0.551		9.54	20
1,1,2-Trichloroethane	0.350	0.330		-5.71	20
1,3-Dichloropropane	0.605	0.588		-2.81	20
2-Chloroethyl Vinyl ether	0.259	0.279		7.72	20
2-Hexanone	0.425	0.411		-3.29	20
Dibromochloromethane	0.366	0.367		0.27	20
1,2-Dibromoethane	0.349	0.342		-2.01	20
Tetrachloroethene	0.320	0.319		-0.31	20
Chlorobenzene	1.058	1.039	0.3	-1.8	20
1,1,1,2-Tetrachloroethane	0.352	0.344		-2.27	20
Hexachloroethane	0.568	0.585		2.99	20
Ethyl Benzene	1.843	1.879		1.95	20
m/p-Xylenes	0.675	0.694		2.82	20
o-Xylene	0.681	0.685		0.59	20
Styrene	1.101	1.143		3.82	20
Bromoform	0.266	0.268	0.1	0.75	20
Isopropylbenzene	3.903	3.973		1.79	20
1,1,2,2-Tetrachloroethane	1.432	1.334	0.3	-6.84	20
1,2,3-Trichloropropane	1.164	1.092		-6.19	20
Bromobenzene	0.921	0.915		-0.65	20
n-propylbenzene	4.409	4.642		5.28	20
2-Chlorotoluene	2.808	2.748		-2.14	20
1,3,5-Trimethylbenzene	3.156	3.243		2.76	20
4-Chlorotoluene	3.060	3.080		0.65	20
tert-Butylbenzene	3.242	3.269		0.83	20
1,2,4-Trimethylbenzene	3.175	3.264		2.8	20
sec-Butylbenzene	3.884	4.127		6.26	20
p-Isopropyltoluene	3.139	3.363		7.14	20
1,3-Dichlorobenzene	1.643	1.660		1.03	20
1,4-Dichlorobenzene	1.662	1.653		-0.54	20
n-Butylbenzene	2.703	3.078		13.87	20
1,2-Dichlorobenzene	1.648	1.652		0.24	20
1,2-Dibromo-3-Chloropropane	0.279	0.269		-3.58	20
1,2,4-Trichlorobenzene	0.938	1.031		9.91	20
Hexachlorobutadiene	0.385	0.403		4.68	20
Naphthalene	3.605	3.776		4.74	20
1,2,3-Trichlorobenzene	0.990	1.045		5.56	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: **VX045077.D**

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.: Q1469 SAS No.: Q1469 SDG No.: Q1469

Instrument ID: MSVOA_X Calibration Date/Time: 02/28/2025 10:32

Lab File ID: VX045077.D Init. Calib. Date(s): 02/28/2025 02/28/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 01:27 03:47

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
1,2-Dichloroethane-d4	0.795	0.733		-7.8	20
Dibromofluoromethane	0.334	0.331		-0.9	20
Toluene-d8	1.212	1.209		-0.25	20
4-Bromofluorobenzene	0.402	0.404		0.5	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\VX022825\
Data File : VX045077.D
Acq On : 28 Feb 2025 10:32
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 28 14:27:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.537	168	111989	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.751	114	196414	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	172369	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	76314	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	82143	46.113	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 92.220%			
35) Dibromofluoromethane	5.373	113	65054	49.532	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.060%			
50) Toluene-d8	8.647	98	237369	49.853	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.700%			
62) 4-Bromofluorobenzene	11.079	95	79413	50.332	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.660%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	70744	50.185	ug/l	96
3) Chloromethane	1.300	50	83018	48.123	ug/l	100
4) Vinyl Chloride	1.374	62	81653	47.712	ug/l	98
5) Bromomethane	1.593	94	31592	46.959	ug/l	98
6) Chloroethane	1.660	64	31648	40.092	ug/l	99
7) Trichlorofluoromethane	1.867	101	111880	49.383	ug/l	98
8) Diethyl Ether	2.136	74	40610	45.828	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.312	101	66640	51.199	ug/l	99
10) Methyl Iodide	2.440	142	76401	46.970	ug/l	98
11) Tert butyl alcohol	2.995	59	71200m	211.016	ug/l	
12) 1,1-Dichloroethene	2.306	96	65383	47.513	ug/l	98
13) Acrolein	2.233	56	101424	260.033	ug/l	99
14) Allyl chloride	2.654	41	121309	49.523	ug/l	99
15) Acrylonitrile	3.062	53	203403	224.925	ug/l	99
16) Acetone	2.386	43	174653	211.319	ug/l	98
17) Carbon Disulfide	2.501	76	175990	48.016	ug/l	97
18) Methyl Acetate	2.703	43	88925	44.725	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	216663	46.929	ug/l	97
20) Methylene Chloride	2.782	84	74677	45.613	ug/l	98
21) trans-1,2-Dichloroethene	3.081	96	65595	48.249	ug/l	99
22) Diisopropyl ether	3.757	45	240622	48.301	ug/l	93
23) Vinyl Acetate	3.715	43	1044255	251.185	ug/l	99
24) 1,1-Dichloroethane	3.599	63	130733	46.825	ug/l	99
25) 2-Butanone	4.556	43	286458	230.258	ug/l	100
26) 2,2-Dichloropropane	4.464	77	95125	72.639	ug/l	96
27) cis-1,2-Dichloroethene	4.477	96	79716	47.500	ug/l	97
28) Bromochloromethane	4.891	49	61824	46.457	ug/l	98
29) Tetrahydrofuran	5.001	42	187451	224.369	ug/l	100
30) Chloroform	5.086	83	127656	46.017	ug/l	98
31) Cyclohexane	5.458	56	120742	49.820	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	106176	47.389	ug/l	99
36) 1,1-Dichloropropene	5.684	75	88691	49.241	ug/l	99
37) Ethyl Acetate	4.714	43	110594	47.651	ug/l	98
38) Carbon Tetrachloride	5.665	117	90184	49.318	ug/l	97
39) Methylcyclohexane	7.372	83	121207	56.161	ug/l	98
40) Benzene	6.031	78	281425	49.480	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045077.D
Acq On : 28 Feb 2025 10:32
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 28 14:27:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.916	41	60396	48.126	ug/l		98
42) 1,2-Dichloroethane	6.080	62	97091	47.405	ug/l		100
43) Isopropyl Acetate	6.336	43	172076	50.139	ug/l		100
44) Trichloroethene	7.116	130	64399	48.221	ug/l		99
45) 1,2-Dichloropropane	7.421	63	70234	48.028	ug/l		99
46) Dibromomethane	7.574	93	50957	49.300	ug/l		98
47) Bromodichloromethane	7.818	83	99834	49.243	ug/l		99
48) Methyl methacrylate	7.689	41	86144	50.032	ug/l		100
49) 1,4-Dioxane	7.659	88	33152	912.798	ug/l		98
51) 4-Methyl-2-Pentanone	8.573	43	554547	240.651	ug/l		100
52) Toluene	8.714	92	170814	51.187	ug/l		99
53) t-1,3-Dichloropropene	8.976	75	94873	55.975	ug/l		95
54) cis-1,3-Dichloropropene	8.360	75	108220	54.755	ug/l		98
55) 1,1,2-Trichloroethane	9.147	97	64904	47.245	ug/l		98
56) Ethyl methacrylate	9.116	69	107621	51.537	ug/l		100
57) 1,3-Dichloropropane	9.305	76	115487	48.576	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.238	63	273540	268.530	ug/l		99
59) 2-Hexanone	9.427	43	403729	241.811	ug/l		99
60) Dibromochloromethane	9.518	129	72136	50.220	ug/l		99
61) 1,2-Dibromoethane	9.604	107	67190	48.992	ug/l		98
64) Tetrachloroethene	9.268	164	54912	49.741	ug/l		94
65) Chlorobenzene	10.073	112	179056	49.093	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.159	131	59227	48.762	ug/l		98
67) Ethyl Benzene	10.189	91	323851	50.959	ug/l		98
68) m/p-Xylenes	10.299	106	239135	102.789	ug/l		99
69) o-Xylene	10.640	106	118067	50.318	ug/l		98
70) Styrene	10.652	104	197009	51.891	ug/l		99
71) Bromoform	10.799	173	46267	50.513	ug/l	#	97
73) Isopropylbenzene	10.957	105	303194	50.901	ug/l		100
74) N-amyl acetate	10.841	43	145178	51.942	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	101813	46.579	ug/l		98
76) 1,2,3-Trichloropropane	11.238	75	83360m	46.931	ug/l		
77) Bromobenzene	11.195	156	69846	49.698	ug/l		98
78) n-propylbenzene	11.299	91	354229	52.644	ug/l		100
79) 2-Chlorotoluene	11.360	91	209700	48.935	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	247465	51.381	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	28438	54.791	ug/l		98
82) 4-Chlorotoluene	11.451	91	235030	50.324	ug/l		99
83) tert-Butylbenzene	11.713	119	249434	50.405	ug/l		98
84) 1,2,4-Trimethylbenzene	11.750	105	249084	51.398	ug/l		99
85) sec-Butylbenzene	11.890	105	314975	53.135	ug/l		99
86) p-Isopropyltoluene	12.006	119	256666	53.578	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	126673	50.525	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	126155	49.736	ug/l		99
89) n-Butylbenzene	12.329	91	234896	56.931	ug/l		100
90) Hexachloroethane	12.536	117	44665	51.547	ug/l		98
91) 1,2-Dichlorobenzene	12.335	146	126089	50.134	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	20546	48.248	ug/l		98
93) 1,2,4-Trichlorobenzene	13.585	180	78708	54.961	ug/l		100
94) Hexachlorobutadiene	13.725	225	30769	52.406	ug/l		97
95) Naphthalene	13.774	128	288129	52.367	ug/l		99
96) 1,2,3-Trichlorobenzene	13.957	180	79762	52.796	ug/l		99

Sample Results: **VX045077.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045077.D
Acq On : 28 Feb 2025 10:32
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 28 14:27:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

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

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

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

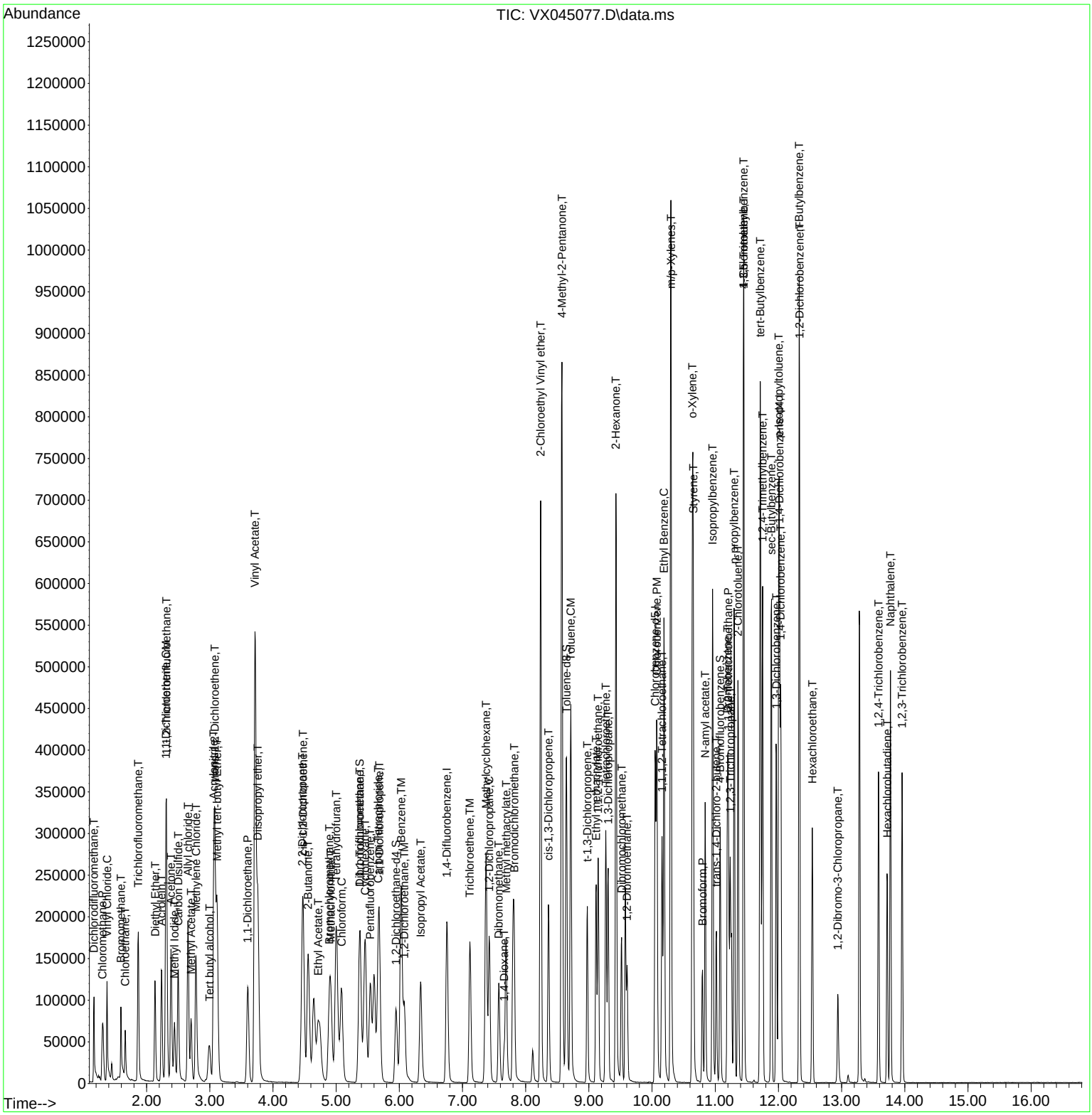
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045077.D
Acq On : 28 Feb 2025 10:32
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 28 14:27:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

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



Sample Results: **VX045077.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045077.D
Acq On : 28 Feb 2025 10:32
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Feb 28 14:27:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 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	108	-0.01
2	T	Dichlorodifluoromethane	0.629	0.632	-0.5	109	0.00
3	P	Chloromethane	0.770	0.741	3.8	107	0.00
4	C	Vinyl Chloride	0.764	0.729	4.6#	104	0.00
5	T	Bromomethane	0.300	0.282	6.0	105	0.00
6	T	Chloroethane	0.352	0.283	19.6	82	0.00
7	T	Trichlorofluoromethane	1.011	0.999	1.2	103	0.00
8	T	Diethyl Ether	0.396	0.363	8.3	102	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.581	0.595	-2.4	109	0.00
10	T	Methyl Iodide	0.726	0.682	6.1	96	0.00
11	T	Tert butyl alcohol	0.151	0.127	15.9	103	0.01
12	CM	1,1-Dichloroethene	0.614	0.584	4.9#	102	0.00
13	T	Acrolein	0.174	0.181	-4.0	113	0.00
14	T	Allyl chloride	1.094	1.083	1.0	106	0.00
15	T	Acrylonitrile	0.404	0.363	10.1	96	0.00
16	T	Acetone	0.369	0.312	15.4	96	0.00
17	T	Carbon Disulfide	1.636	1.571	4.0	103	0.00
18	T	Methyl Acetate	0.888	0.794	10.6	99	0.00
19	T	Methyl tert-butyl Ether	2.061	1.935	6.1	101	0.00
20	T	Methylene Chloride	0.731	0.667	8.8	104	0.00
21	T	trans-1,2-Dichloroethene	0.607	0.586	3.5	101	0.00
22	T	Diisopropyl ether	2.224	2.149	3.4	102	0.00
23	T	Vinyl Acetate	1.856	1.865	-0.5	103	0.00
24	P	1,1-Dichloroethane	1.247	1.167	6.4	102	0.00
25	T	2-Butanone	0.555	0.512	7.7	96	0.00
26	T	2,2-Dichloropropane	0.585	0.849	-45.1#	154#	0.00
27	T	cis-1,2-Dichloroethene	0.749	0.712	4.9	101	0.00
28	T	Bromochloromethane	0.594	0.552	7.1	99	0.00
29	T	Tetrahydrofuran	0.373	0.335	10.2	97	0.00
30	C	Chloroform	1.239	1.140	8.0#	99	0.00
31	T	Cyclohexane	1.082	1.078	0.4	106	0.00
32	T	1,1,1-Trichloroethane	1.000	0.948	5.2	100	0.00
33	S	1,2-Dichloroethane-d4	0.795	0.733	7.8	105	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	105	0.00
35	S	Dibromofluoromethane	0.334	0.331	0.9	106	-0.01
36	T	1,1-Dichloropropene	0.459	0.452	1.5	102	0.00
37	T	Ethyl Acetate	0.591	0.563	4.7	98	0.00
38	T	Carbon Tetrachloride	0.465	0.459	1.3	104	0.00
39	T	Methylcyclohexane	0.549	0.617	-12.4	111	0.00
40	TM	Benzene	1.448	1.433	1.0	101	0.00
41	T	Methacrylonitrile	0.319	0.307	3.8	95	0.00
42	TM	1,2-Dichloroethane	0.521	0.494	5.2	99	0.00
43	T	Isopropyl Acetate	0.874	0.876	-0.2	99	0.00
44	TM	Trichloroethene	0.340	0.328	3.5	101	0.00
45	C	1,2-Dichloropropane	0.372	0.358	3.8#	102	0.00
46	T	Dibromomethane	0.263	0.259	1.5	102	0.00
47	T	Bromodichloromethane	0.516	0.508	1.6	102	0.00
48	T	Methyl methacrylate	0.438	0.439	-0.2	100	0.00

Sample Results: **VX045077.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045077.D
Acq On : 28 Feb 2025 10:32
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Feb 28 14:27:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 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	0.009	0.008	11.1	95	0.00
50	S	Toluene-d8	1.212	1.209	0.2	105	0.00
51	T	4-Methyl-2-Pentanone	0.587	0.565	3.7	98	0.00
52	CM	Toluene	0.849	0.870	-2.5#	102	0.00
53	T	t-1,3-Dichloropropene	0.431	0.483	-12.1	109	0.00
54	T	cis-1,3-Dichloropropene	0.503	0.551	-9.5	109	0.00
55	T	1,1,2-Trichloroethane	0.350	0.330	5.7	98	0.00
56	T	Ethyl methacrylate	0.532	0.548	-3.0	101	0.00
57	T	1,3-Dichloropropane	0.605	0.588	2.8	100	0.00
58	T	2-Chloroethyl Vinyl ether	0.259	0.279	-7.7	103	0.00
59	T	2-Hexanone	0.425	0.411	3.3	97	0.00
60	T	Dibromochloromethane	0.366	0.367	-0.3	101	0.00
61	T	1,2-Dibromoethane	0.349	0.342	2.0	101	0.00
62	S	4-Bromofluorobenzene	0.402	0.404	-0.5	106	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	106	0.00
64	T	Tetrachloroethene	0.320	0.319	0.3	105	0.00
65	PM	Chlorobenzene	1.058	1.039	1.8	101	0.00
66	T	1,1,1,2-Tetrachloroethane	0.352	0.344	2.3	103	0.00
67	C	Ethyl Benzene	1.843	1.879	-2.0#	102	0.00
68	T	m/p-Xylenes	0.675	0.694	-2.8	102	0.00
69	T	o-Xylene	0.681	0.685	-0.6	103	0.00
70	T	Styrene	1.101	1.143	-3.8	103	0.00
71	P	Bromoform	0.266	0.268	-0.8	103	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	107	0.00
73	T	Isopropylbenzene	3.903	3.973	-1.8	103	0.00
74	T	N-amyl acetate	1.831	1.902	-3.9	103	0.00
75	P	1,1,2,2-Tetrachloroethane	1.432	1.334	6.8	101	0.00
76	T	1,2,3-Trichloropropane	1.164	1.092	6.2	102	0.00
77	T	Bromobenzene	0.921	0.915	0.7	104	0.00
78	T	n-propylbenzene	4.409	4.642	-5.3	103	0.00
79	T	2-Chlorotoluene	2.808	2.748	2.1	103	0.00
80	T	1,3,5-Trimethylbenzene	3.156	3.243	-2.8	103	0.00
81	T	trans-1,4-Dichloro-2-butene	0.340	0.373	-9.7	118	0.00
82	T	4-Chlorotoluene	3.060	3.080	-0.7	102	0.00
83	T	tert-Butylbenzene	3.242	3.269	-0.8	104	0.00
84	T	1,2,4-Trimethylbenzene	3.175	3.264	-2.8	103	0.00
85	T	sec-Butylbenzene	3.884	4.127	-6.3	105	0.00
86	T	p-Isopropyltoluene	3.139	3.363	-7.1	105	0.00
87	T	1,3-Dichlorobenzene	1.643	1.660	-1.0	107	0.00
88	T	1,4-Dichlorobenzene	1.662	1.653	0.5	105	0.00
89	T	n-Butylbenzene	2.703	3.078	-13.9	109	0.00
90	T	Hexachloroethane	0.568	0.585	-3.0	104	0.00
91	T	1,2-Dichlorobenzene	1.648	1.652	-0.2	106	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.279	0.269	3.6	100	0.00
93	T	1,2,4-Trichlorobenzene	0.938	1.031	-9.9	109	0.00
94	T	Hexachlorobutadiene	0.385	0.403	-4.7	110	0.00
95	T	Naphthalene	3.605	3.776	-4.7	104	0.00

Sample Results: **VX045077.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045077.D
Acq On : 28 Feb 2025 10:32
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Feb 28 14:27:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 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	0.990	1.045	-5.6	106	0.00

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

Sample Results: **VX045077.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045077.D
Acq On : 28 Feb 2025 10:32
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Feb 28 14:27:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 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	108	-0.01
2	T	Dichlorodifluoromethane	50.000	50.185	-0.4	109	0.00
3	P	Chloromethane	50.000	48.123	3.8	107	0.00
4	C	Vinyl Chloride	50.000	47.712	4.6#	104	0.00
5	T	Bromomethane	50.000	46.959	6.1	105	0.00
6	T	Chloroethane	50.000	40.092	19.8	82	0.00
7	T	Trichlorofluoromethane	50.000	49.383	1.2	103	0.00
8	T	Diethyl Ether	50.000	45.828	8.3	102	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	51.199	-2.4	109	0.00
10	T	Methyl Iodide	50.000	46.970	6.1	96	0.00
11	T	Tert butyl alcohol	250.000	211.016	15.6	103	0.01
12	CM	1,1-Dichloroethene	50.000	47.513	5.0#	102	0.00
13	T	Acrolein	250.000	260.033	-4.0	113	0.00
14	T	Allyl chloride	50.000	49.523	1.0	106	0.00
15	T	Acrylonitrile	250.000	224.925	10.0	96	0.00
16	T	Acetone	250.000	211.319	15.5	96	0.00
17	T	Carbon Disulfide	50.000	48.016	4.0	103	0.00
18	T	Methyl Acetate	50.000	44.725	10.5	99	0.00
19	T	Methyl tert-butyl Ether	50.000	46.929	6.1	101	0.00
20	T	Methylene Chloride	50.000	45.613	8.8	104	0.00
21	T	trans-1,2-Dichloroethene	50.000	48.249	3.5	101	0.00
22	T	Diisopropyl ether	50.000	48.301	3.4	102	0.00
23	T	Vinyl Acetate	250.000	251.185	-0.5	103	0.00
24	P	1,1-Dichloroethane	50.000	46.825	6.3	102	0.00
25	T	2-Butanone	250.000	230.258	7.9	96	0.00
26	T	2,2-Dichloropropane	50.000	72.639	-45.3#	154	0.00
27	T	cis-1,2-Dichloroethene	50.000	47.500	5.0	101	0.00
28	T	Bromochloromethane	50.000	46.457	7.1	99	0.00
29	T	Tetrahydrofuran	250.000	224.369	10.3	97	0.00
30	C	Chloroform	50.000	46.017	8.0#	99	0.00
31	T	Cyclohexane	50.000	49.820	0.4	106	0.00
32	T	1,1,1-Trichloroethane	50.000	47.389	5.2	100	0.00
33	S	1,2-Dichloroethane-d4	50.000	46.113	7.8	105	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	105	0.00
35	S	Dibromofluoromethane	50.000	49.532	0.9	106	-0.01
36	T	1,1-Dichloropropene	50.000	49.241	1.5	102	0.00
37	T	Ethyl Acetate	50.000	47.651	4.7	98	0.00
38	T	Carbon Tetrachloride	50.000	49.318	1.4	104	0.00
39	T	Methylcyclohexane	50.000	56.161	-12.3	111	0.00
40	TM	Benzene	50.000	49.480	1.0	101	0.00
41	T	Methacrylonitrile	50.000	48.126	3.7	95	0.00
42	TM	1,2-Dichloroethane	50.000	47.405	5.2	99	0.00
43	T	Isopropyl Acetate	50.000	50.139	-0.3	99	0.00
44	TM	Trichloroethene	50.000	48.221	3.6	101	0.00
45	C	1,2-Dichloropropane	50.000	48.028	3.9#	102	0.00
46	T	Dibromomethane	50.000	49.300	1.4	102	0.00
47	T	Bromodichloromethane	50.000	49.243	1.5	102	0.00
48	T	Methyl methacrylate	50.000	50.032	-0.1	100	0.00

Sample Results: **VX045077.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045077.D
Acq On : 28 Feb 2025 10:32
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Feb 28 14:27:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 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	912.798	8.7	95	0.00
50	S	Toluene-d8	50.000	49.853	0.3	105	0.00
51	T	4-Methyl-2-Pentanone	250.000	240.651	3.7	98	0.00
52	CM	Toluene	50.000	51.187	-2.4#	102	0.00
53	T	t-1,3-Dichloropropene	50.000	55.975	-12.0	109	0.00
54	T	cis-1,3-Dichloropropene	50.000	54.755	-9.5	109	0.00
55	T	1,1,2-Trichloroethane	50.000	47.245	5.5	98	0.00
56	T	Ethyl methacrylate	50.000	51.537	-3.1	101	0.00
57	T	1,3-Dichloropropane	50.000	48.576	2.8	100	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	268.530	-7.4	103	0.00
59	T	2-Hexanone	250.000	241.811	3.3	97	0.00
60	T	Dibromochloromethane	50.000	50.220	-0.4	101	0.00
61	T	1,2-Dibromoethane	50.000	48.992	2.0	101	0.00
62	S	4-Bromofluorobenzene	50.000	50.332	-0.7	106	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	106	0.00
64	T	Tetrachloroethene	50.000	49.741	0.5	105	0.00
65	PM	Chlorobenzene	50.000	49.093	1.8	101	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	48.762	2.5	103	0.00
67	C	Ethyl Benzene	50.000	50.959	-1.9#	102	0.00
68	T	m/p-Xylenes	100.000	102.789	-2.8	102	0.00
69	T	o-Xylene	50.000	50.318	-0.6	103	0.00
70	T	Styrene	50.000	51.891	-3.8	103	0.00
71	P	Bromoform	50.000	50.513	-1.0	103	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	107	0.00
73	T	Isopropylbenzene	50.000	50.901	-1.8	103	0.00
74	T	N-amyl acetate	50.000	51.942	-3.9	103	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	46.579	6.8	101	0.00
76	T	1,2,3-Trichloropropane	50.000	46.931	6.1	102	0.00
77	T	Bromobenzene	50.000	49.698	0.6	104	0.00
78	T	n-propylbenzene	50.000	52.644	-5.3	103	0.00
79	T	2-Chlorotoluene	50.000	48.935	2.1	103	0.00
80	T	1,3,5-Trimethylbenzene	50.000	51.381	-2.8	103	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	54.791	-9.6	118	0.00
82	T	4-Chlorotoluene	50.000	50.324	-0.6	102	0.00
83	T	tert-Butylbenzene	50.000	50.405	-0.8	104	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.398	-2.8	103	0.00
85	T	sec-Butylbenzene	50.000	53.135	-6.3	105	0.00
86	T	p-Isopropyltoluene	50.000	53.578	-7.2	105	0.00
87	T	1,3-Dichlorobenzene	50.000	50.525	-1.0	107	0.00
88	T	1,4-Dichlorobenzene	50.000	49.736	0.5	105	0.00
89	T	n-Butylbenzene	50.000	56.931	-13.9	109	0.00
90	T	Hexachloroethane	50.000	51.547	-3.1	104	0.00
91	T	1,2-Dichlorobenzene	50.000	50.134	-0.3	106	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	48.248	3.5	100	0.00
93	T	1,2,4-Trichlorobenzene	50.000	54.961	-9.9	109	0.00
94	T	Hexachlorobutadiene	50.000	52.406	-4.8	110	0.00
95	T	Naphthalene	50.000	52.367	-4.7	104	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045077.D
Acq On : 28 Feb 2025 10:32
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Feb 28 14:27:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 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	52.796	-5.6	106	0.00

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

Sample Results: **VX045077.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045077.D
Acq On : 28 Feb 2025 10:32
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Feb 28 14:27:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 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	108	-0.01
2	T	Dichlorodifluoromethane	50.000	50.185	-0.4	109	0.00
3	P	Chloromethane	50.000	48.123	3.8	107	0.00
4	C	Vinyl Chloride	50.000	47.712	4.6#	104	0.00
5	T	Bromomethane	50.000	46.959	6.1	105	0.00
6	T	Chloroethane	50.000	40.092	19.8	82	0.00
7	T	Trichlorofluoromethane	50.000	49.383	1.2	103	0.00
8	T	Diethyl Ether	50.000	45.828	8.3	102	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	51.199	-2.4	109	0.00
10	T	Methyl Iodide	50.000	46.970	6.1	96	0.00
11	T	Tert butyl alcohol	250.000	211.016	15.6	103	0.01
12	CM	1,1-Dichloroethene	50.000	47.513	5.0#	102	0.00
13	T	Acrolein	250.000	260.033	-4.0	113	0.00
14	T	Allyl chloride	50.000	49.523	1.0	106	0.00
15	T	Acrylonitrile	250.000	224.925	10.0	96	0.00
16	T	Acetone	250.000	211.319	15.5	96	0.00
17	T	Carbon Disulfide	50.000	48.016	4.0	103	0.00
18	T	Methyl Acetate	50.000	44.725	10.5	99	0.00
19	T	Methyl tert-butyl Ether	50.000	46.929	6.1	101	0.00
20	T	Methylene Chloride	50.000	45.613	8.8	104	0.00
21	T	trans-1,2-Dichloroethene	50.000	48.249	3.5	101	0.00
22	T	Diisopropyl ether	50.000	48.301	3.4	102	0.00
23	T	Vinyl Acetate	250.000	251.185	-0.5	103	0.00
24	P	1,1-Dichloroethane	50.000	46.825	6.3	102	0.00
25	T	2-Butanone	250.000	230.258	7.9	96	0.00
26	T	2,2-Dichloropropane	50.000	72.639	-45.3#	154	0.00
27	T	cis-1,2-Dichloroethene	50.000	47.500	5.0	101	0.00
28	T	Bromochloromethane	50.000	46.457	7.1	99	0.00
29	T	Tetrahydrofuran	250.000	224.369	10.3	97	0.00
30	C	Chloroform	50.000	46.017	8.0#	99	0.00
31	T	Cyclohexane	50.000	49.820	0.4	106	0.00
32	T	1,1,1-Trichloroethane	50.000	47.389	5.2	100	0.00
33	S	1,2-Dichloroethane-d4	50.000	46.113	7.8	105	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	105	0.00
35	S	Dibromofluoromethane	50.000	49.532	0.9	106	-0.01
36	T	1,1-Dichloropropene	50.000	49.241	1.5	102	0.00
37	T	Ethyl Acetate	50.000	47.651	4.7	98	0.00
38	T	Carbon Tetrachloride	50.000	49.318	1.4	104	0.00
39	T	Methylcyclohexane	50.000	56.161	-12.3	111	0.00
40	TM	Benzene	50.000	49.480	1.0	101	0.00
41	T	Methacrylonitrile	50.000	48.126	3.7	95	0.00
42	TM	1,2-Dichloroethane	50.000	47.405	5.2	99	0.00
43	T	Isopropyl Acetate	50.000	50.139	-0.3	99	0.00
44	TM	Trichloroethene	50.000	48.221	3.6	101	0.00
45	C	1,2-Dichloropropane	50.000	48.028	3.9#	102	0.00
46	T	Dibromomethane	50.000	49.300	1.4	102	0.00
47	T	Bromodichloromethane	50.000	49.243	1.5	102	0.00
48	T	Methyl methacrylate	50.000	50.032	-0.1	100	0.00

Sample Results: **VX045077.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045077.D
Acq On : 28 Feb 2025 10:32
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Feb 28 14:27:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 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	912.798	8.7	95	0.00
50	S	Toluene-d8	50.000	49.853	0.3	105	0.00
51	T	4-Methyl-2-Pentanone	250.000	240.651	3.7	98	0.00
52	CM	Toluene	50.000	51.187	-2.4#	102	0.00
53	T	t-1,3-Dichloropropene	50.000	55.975	-12.0	109	0.00
54	T	cis-1,3-Dichloropropene	50.000	54.755	-9.5	109	0.00
55	T	1,1,2-Trichloroethane	50.000	47.245	5.5	98	0.00
56	T	Ethyl methacrylate	50.000	51.537	-3.1	101	0.00
57	T	1,3-Dichloropropane	50.000	48.576	2.8	100	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	268.530	-7.4	103	0.00
59	T	2-Hexanone	250.000	241.811	3.3	97	0.00
60	T	Dibromochloromethane	50.000	50.220	-0.4	101	0.00
61	T	1,2-Dibromoethane	50.000	48.992	2.0	101	0.00
62	S	4-Bromofluorobenzene	50.000	50.332	-0.7	106	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	106	0.00
64	T	Tetrachloroethene	50.000	49.741	0.5	105	0.00
65	PM	Chlorobenzene	50.000	49.093	1.8	101	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	48.762	2.5	103	0.00
67	C	Ethyl Benzene	50.000	50.959	-1.9#	102	0.00
68	T	m/p-Xylenes	100.000	102.789	-2.8	102	0.00
69	T	o-Xylene	50.000	50.318	-0.6	103	0.00
70	T	Styrene	50.000	51.891	-3.8	103	0.00
71	P	Bromoform	50.000	50.513	-1.0	103	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	107	0.00
73	T	Isopropylbenzene	50.000	50.901	-1.8	103	0.00
74	T	N-amyl acetate	50.000	51.942	-3.9	103	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	46.579	6.8	101	0.00
76	T	1,2,3-Trichloropropane	50.000	46.931	6.1	102	0.00
77	T	Bromobenzene	50.000	49.698	0.6	104	0.00
78	T	n-propylbenzene	50.000	52.644	-5.3	103	0.00
79	T	2-Chlorotoluene	50.000	48.935	2.1	103	0.00
80	T	1,3,5-Trimethylbenzene	50.000	51.381	-2.8	103	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	54.791	-9.6	118	0.00
82	T	4-Chlorotoluene	50.000	50.324	-0.6	102	0.00
83	T	tert-Butylbenzene	50.000	50.405	-0.8	104	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.398	-2.8	103	0.00
85	T	sec-Butylbenzene	50.000	53.135	-6.3	105	0.00
86	T	p-Isopropyltoluene	50.000	53.578	-7.2	105	0.00
87	T	1,3-Dichlorobenzene	50.000	50.525	-1.0	107	0.00
88	T	1,4-Dichlorobenzene	50.000	49.736	0.5	105	0.00
89	T	n-Butylbenzene	50.000	56.931	-13.9	109	0.00
90	T	Hexachloroethane	50.000	51.547	-3.1	104	0.00
91	T	1,2-Dichlorobenzene	50.000	50.134	-0.3	106	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	48.248	3.5	100	0.00
93	T	1,2,4-Trichlorobenzene	50.000	54.961	-9.9	109	0.00
94	T	Hexachlorobutadiene	50.000	52.406	-4.8	110	0.00
95	T	Naphthalene	50.000	52.367	-4.7	104	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045077.D
Acq On : 28 Feb 2025 10:32
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Feb 28 14:27:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 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	52.796	-5.6	106	0.00

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

QC SAMPLE DATA

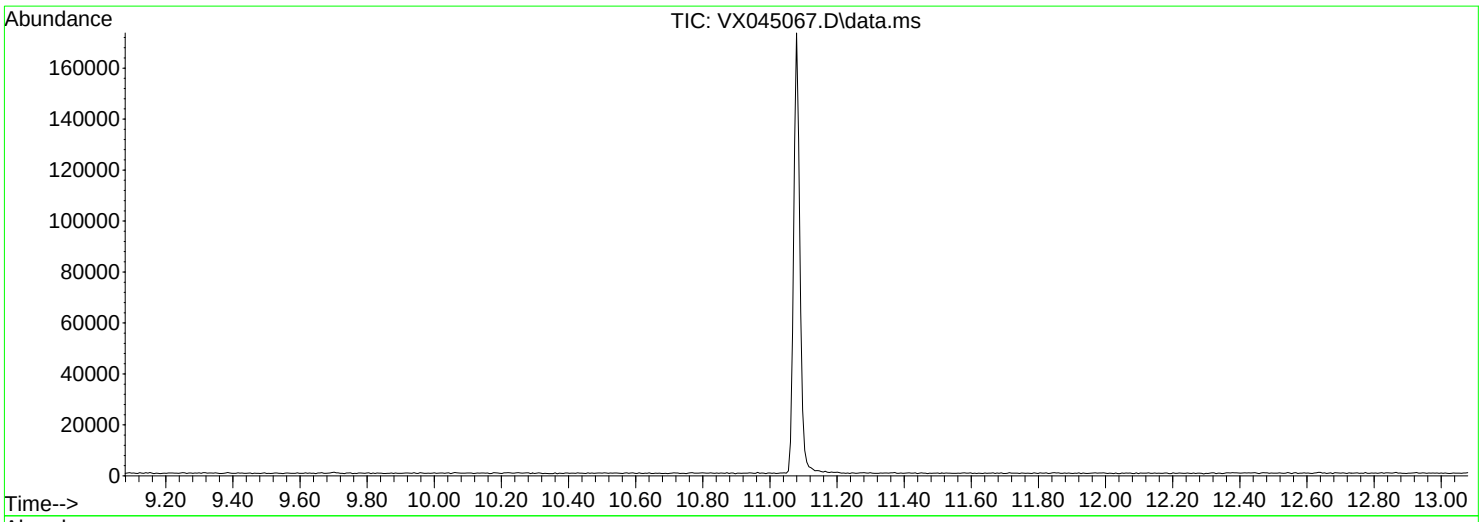
Sample Results: **VX045067.D**

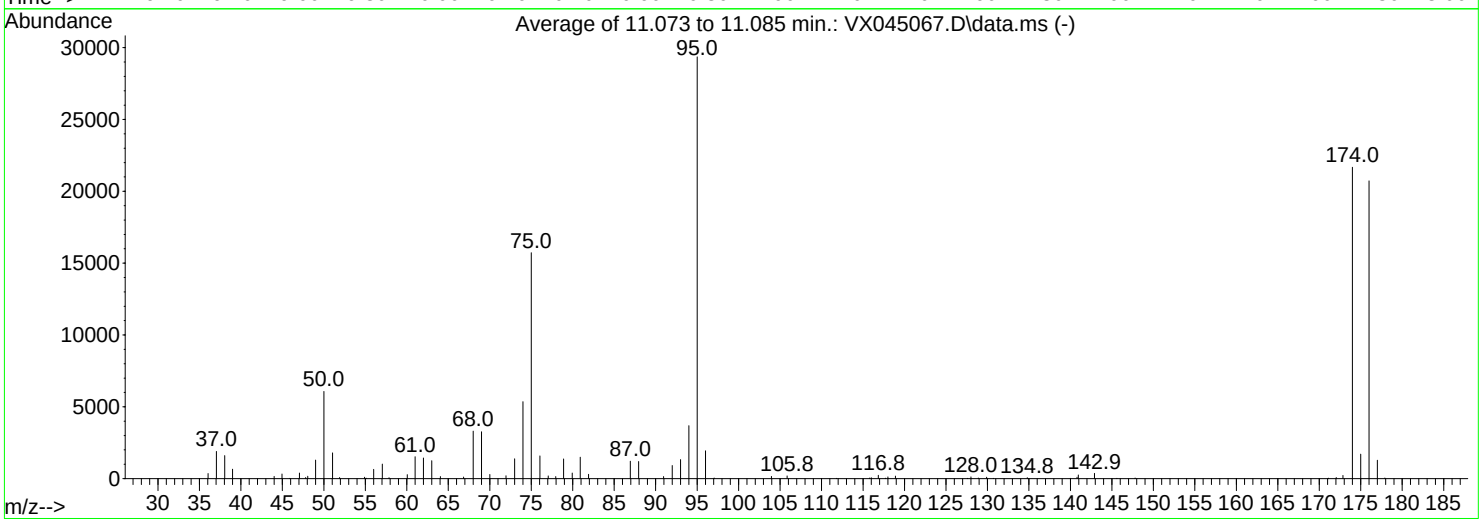
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045067.D
Acq On : 28 Feb 2025 01:03
Operator : JC/MD
Sample : BFB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Title : SW846 8260
Last Update : Fri Feb 28 06:45:16 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	20.7	6072	PASS
75	95	30	60	53.6	15726	PASS
95	95	100	100	100.0	29360	PASS
96	95	5	9	6.6	1942	PASS
173	174	0.00	2	1.0	219	PASS
174	95	50	100	73.8	21677	PASS
175	174	5	9	7.9	1702	PASS
176	174	95	101	95.6	20723	PASS
177	176	5	9	6.2	1277	PASS

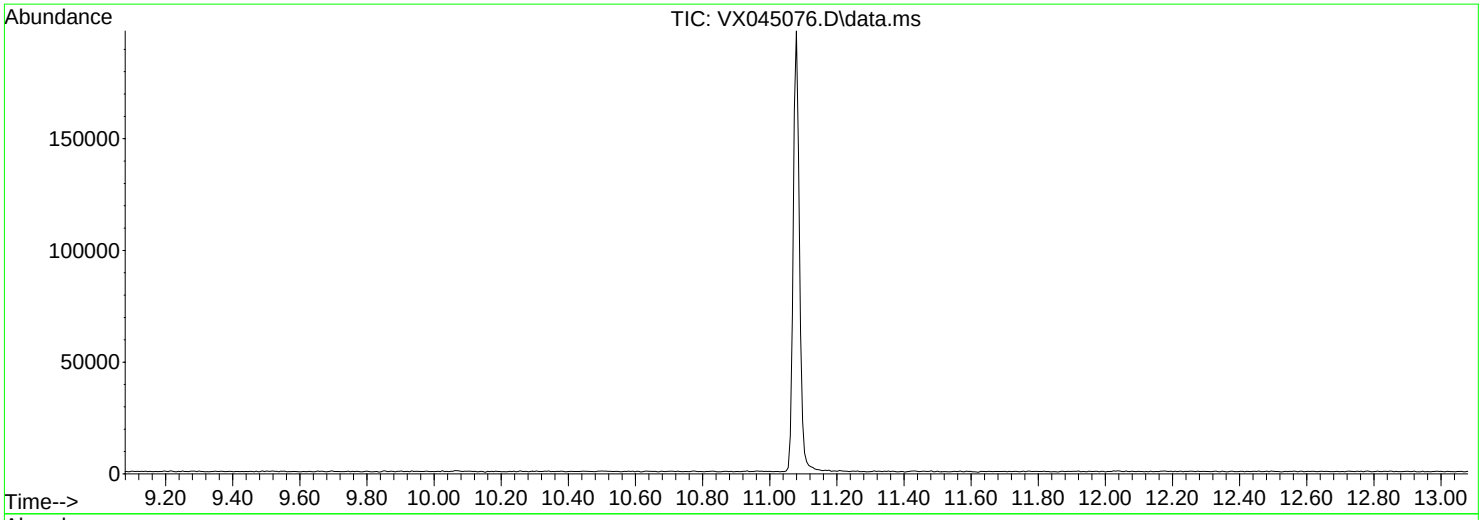
Sample Results: **VX045076.D**

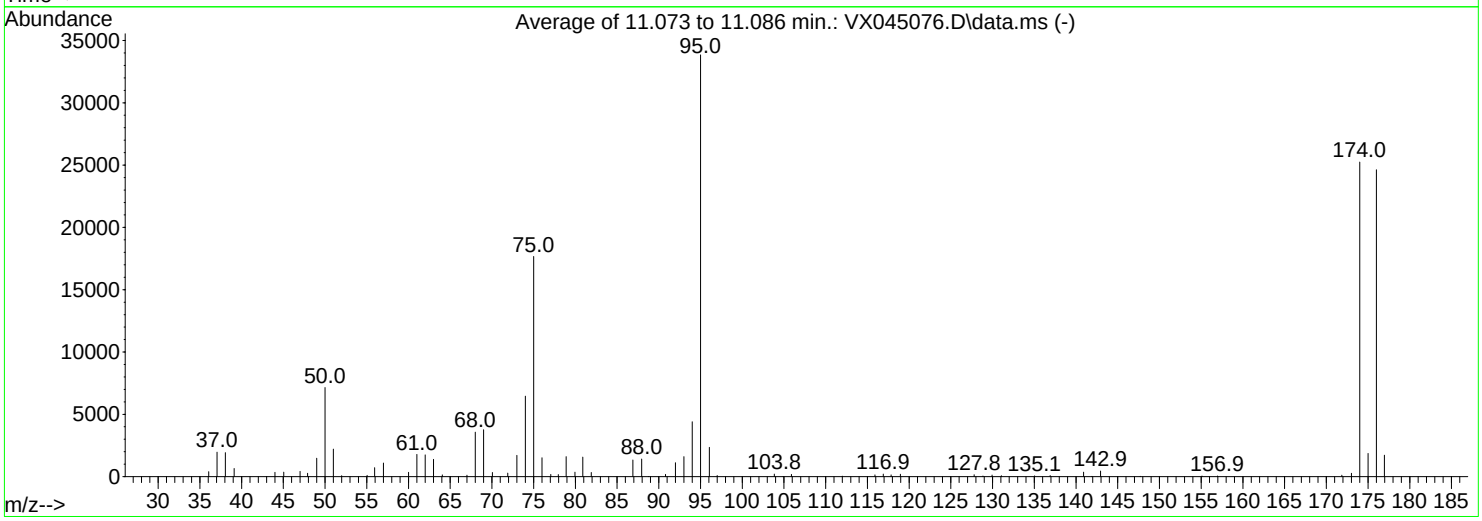
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045076.D
Acq On : 28 Feb 2025 10:03
Operator : JC/MD
Sample : BFB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Title : SW846 8260
Last Update : Fri Feb 28 06:45:16 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	21.1	7149	PASS
75	95	30	60	52.2	17664	PASS
95	95	100	100	100.0	33848	PASS
96	95	5	9	6.9	2351	PASS
173	174	0.00	2	1.0	264	PASS
174	95	50	100	74.6	25245	PASS
175	174	5	9	7.4	1861	PASS
176	174	95	101	97.6	24632	PASS
177	176	5	9	7.0	1725	PASS

Raw Data: **VX045079.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:	VX0228WBL01	SDG No.:	Q1469
Lab Sample ID:	VX0228WBL01	Matrix:	Water
Analytical Method:	SW8260	% 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
VX045079.D	1		02/28/25 11:23	VX022825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.21	U	0.21	1.00	ug/L
74-87-3	Chloromethane	0.35	U	0.35	1.00	ug/L
75-01-4	Vinyl Chloride	0.34	U	0.34	1.00	ug/L
141-78-6	Ethyl Acetate	0.38	U	0.38	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.56	U	0.56	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.34	U	0.34	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	5.60	U	5.60	25.0	ug/L
75-35-4	1,1-Dichloroethene	0.26	U	0.26	1.00	ug/L
107-02-8	Acrolein	6.70	U	6.70	25.0	ug/L
107-13-1	Acrylonitrile	0.90	U	0.90	5.00	ug/L
67-64-1	Acetone	1.40	U	1.40	5.00	ug/L
75-15-0	Carbon Disulfide	0.32	U	0.32	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	0.60	U	0.60	1.00	ug/L
75-09-2	Methylene Chloride	0.32	U	0.32	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.25	U	0.25	1.00	ug/L
108-05-4	Vinyl Acetate	0.71	U	0.71	5.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	1.60	U	1.60	5.00	ug/L
78-93-3	2-Butanone	1.30	U	1.30	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
594-20-7	2,2-Dichloropropane	0.31	U	0.31	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.25	U	0.25	1.00	ug/L
74-97-5	Bromochloromethane	0.18	U	0.18	1.00	ug/L
67-66-3	Chloroform	0.26	U	0.26	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.19	U	0.19	1.00	ug/L
108-87-2	Methylcyclohexane	0.19	U	0.19	1.00	ug/L
563-58-6	1,1-Dichloropropene	0.18	U	0.18	1.00	ug/L

Raw Data: **VX045079.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:	VX0228WBL01	SDG No.:	Q1469
Lab Sample ID:	VX0228WBL01	Matrix:	Water
Analytical Method:	SW8260	% 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
VX045079.D	1		02/28/25 11:23	VX022825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
71-43-2	Benzene	0.16	U	0.16	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.24	U	0.24	1.00	ug/L
79-01-6	Trichloroethene	0.32	U	0.32	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.19	U	0.19	1.00	ug/L
74-95-3	Dibromomethane	0.23	U	0.23	1.00	ug/L
75-27-4	Bromodichloromethane	0.24	U	0.24	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.75	U	0.75	5.00	ug/L
108-88-3	Toluene	0.18	U	0.18	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	0.21	U	0.21	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.18	U	0.18	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	0.17	U	0.17	1.00	ug/L
110-75-8	2-Chloroethyl Vinyl ether	1.80	U	1.80	5.00	ug/L
591-78-6	2-Hexanone	1.10	U	1.10	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.16	U	0.16	1.00	ug/L
127-18-4	Tetrachloroethene	0.25	U	0.25	1.00	ug/L
108-90-7	Chlorobenzene	0.13	U	0.13	1.00	ug/L
630-20-6	1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.00	ug/L
67-72-1	Hexachloroethane	0	U	0	0	ug/L
100-41-4	Ethyl Benzene	0.16	U	0.16	1.00	ug/L
179601-23-1	m/p-Xylenes	0.31	U	0.31	2.00	ug/L
95-47-6	o-Xylene	0.14	U	0.14	1.00	ug/L
100-42-5	Styrene	0.16	U	0.16	1.00	ug/L
75-25-2	Bromoform	0.21	U	0.21	1.00	ug/L
98-82-8	Isopropylbenzene	0.13	U	0.13	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.27	U	0.27	1.00	ug/L
96-18-4	1,2,3-Trichloropropane	0.39	U	0.39	1.00	ug/L
108-86-1	Bromobenzene	0.26	U	0.26	1.00	ug/L
103-65-1	n-propylbenzene	0.14	U	0.14	1.00	ug/L
95-49-8	2-Chlorotoluene	0.16	U	0.16	1.00	ug/L

Raw Data: **VX045079.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:	VX0228WBL01	SDG No.:	Q1469
Lab Sample ID:	VX0228WBL01	Matrix:	Water
Analytical Method:	SW8260	% 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
VX045079.D	1		02/28/25 11:23	VX022825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-67-8	1,3,5-Trimethylbenzene	0.18	U	0.18	1.00	ug/L
106-43-4	4-Chlorotoluene	0.18	U	0.18	1.00	ug/L
98-06-6	tert-Butylbenzene	0.17	U	0.17	1.00	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.18	U	0.18	1.00	ug/L
135-98-8	sec-Butylbenzene	0.17	U	0.17	1.00	ug/L
99-87-6	p-Isopropyltoluene	0.15	U	0.15	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.24	U	0.24	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.27	U	0.27	1.00	ug/L
104-51-8	n-Butylbenzene	0.22	U	0.22	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	0.46	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.42	U	0.42	1.00	ug/L
87-68-3	Hexachlorobutadiene	0.31	U	0.31	1.00	ug/L
91-20-3	Naphthalene	0.59	U	0.59	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.51	U	0.51	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	50.0		74 - 125	100%	SPK: 50
1868-53-7	Dibromofluoromethane	51.0		75 - 124	102%	SPK: 50
2037-26-5	Toluene-d8	50.9		86 - 113	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.3		77 - 121	107%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	76400	5.544			
540-36-3	1,4-Difluorobenzene	149000	6.757			
3114-55-4	Chlorobenzene-d5	137000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	59700	12.018			

Raw Data: **VX045079.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:	VX0228WBL01	SDG No.:	Q1469
Lab Sample ID:	VX0228WBL01	Matrix:	Water
Analytical Method:	SW8260	% 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
VX045079.D	1		02/28/25 11:23	VX022825

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\VX022825\
Data File : VX045079.D
Acq On : 28 Feb 2025 11:23
Operator : JC/MD
Sample : VX0228WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBL01

Quant Time: Feb 28 14:28:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

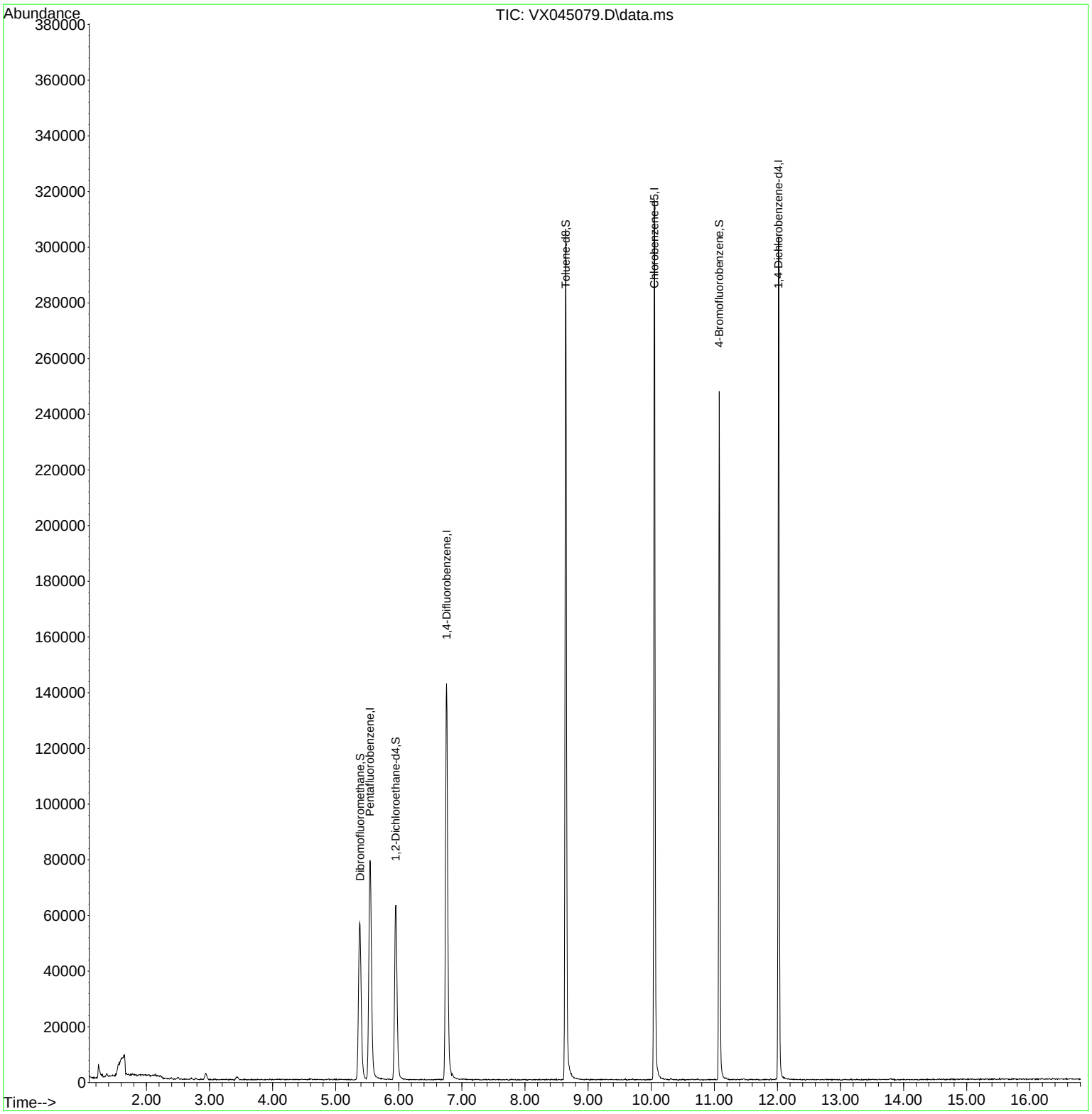
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	76430	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	149381	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	137180	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	59690	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	60807	50.017	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.040%			
35) Dibromofluoromethane	5.385	113	50912	50.970	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.940%			
50) Toluene-d8	8.647	98	184348	50.907	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.820%			
62) 4-Bromofluorobenzene	11.079	95	63967	53.307	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 106.620%			
Target Compounds						Qvalue

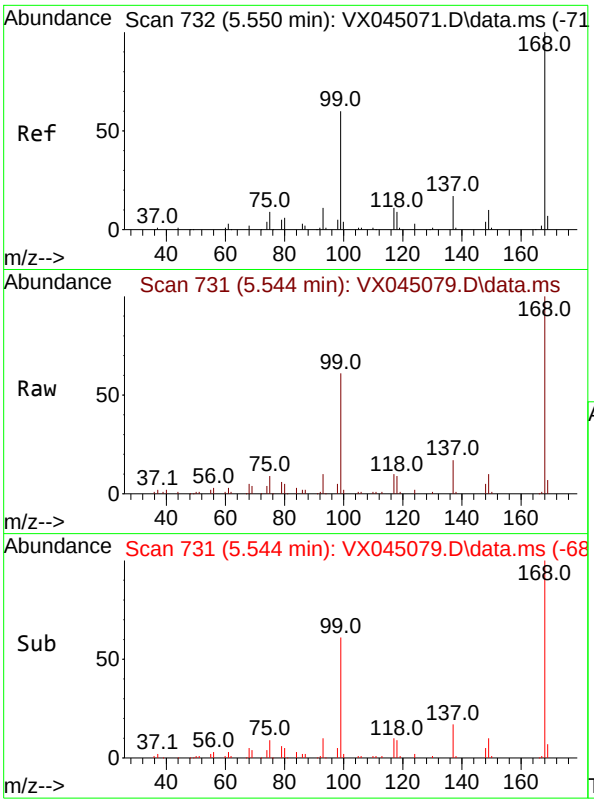
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045079.D
Acq On : 28 Feb 2025 11:23
Operator : JC/MD
Sample : VX0228WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBL01

Quant Time: Feb 28 14:28:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration



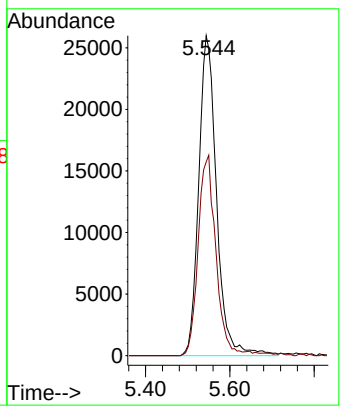


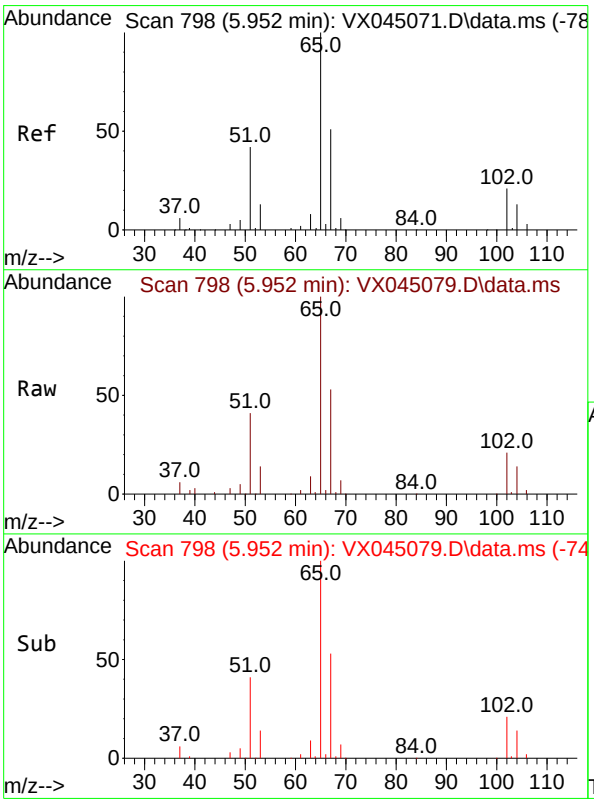
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045079.D
Acq: 28 Feb 2025 11:23

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBL01

Tgt Ion:168 Resp: 76430

Ion	Ratio	Lower	Upper
168	100		
99	60.6	48.2	72.4

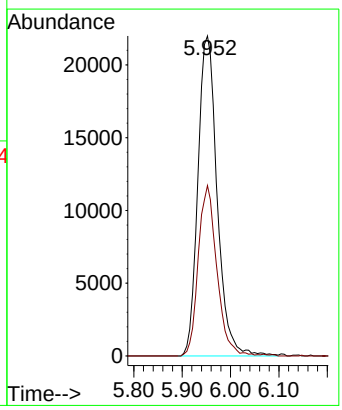


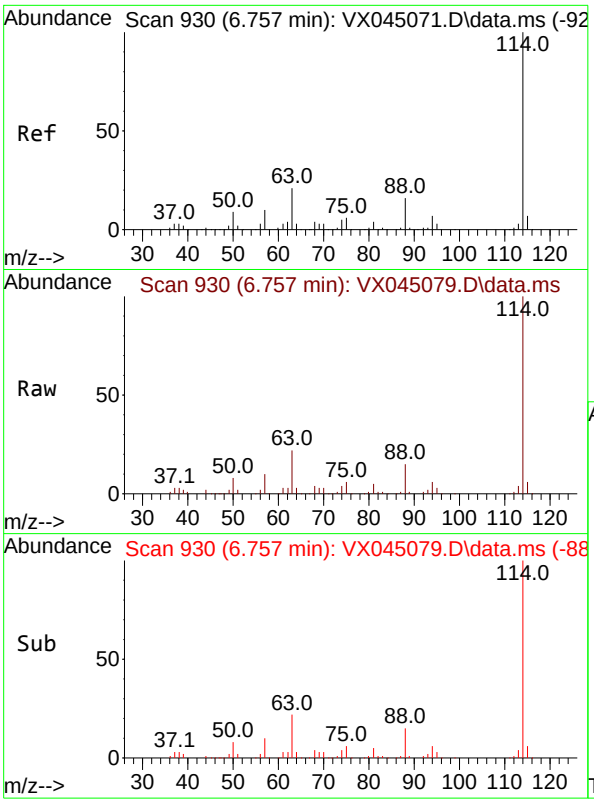


#33
1,2-Dichloroethane-d4
Concen: 50.017 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045079.D
Acq: 28 Feb 2025 11:23

Tgt Ion: 65 Resp: 60807

Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	106.2



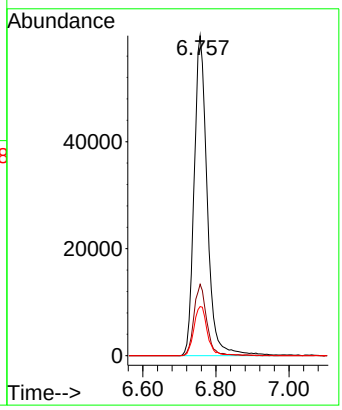


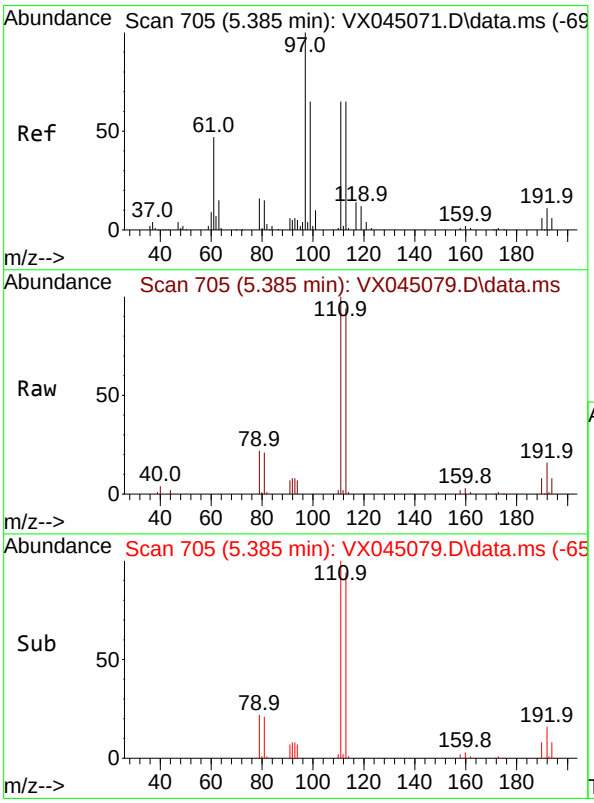
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX045079.D
Acq: 28 Feb 2025 11:23

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBL01

Tgt Ion:114 Resp: 149381

Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	41.8
88	15.4	0.0	32.8

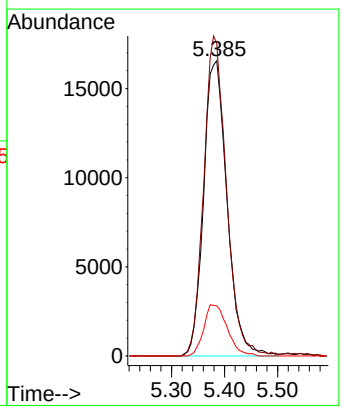


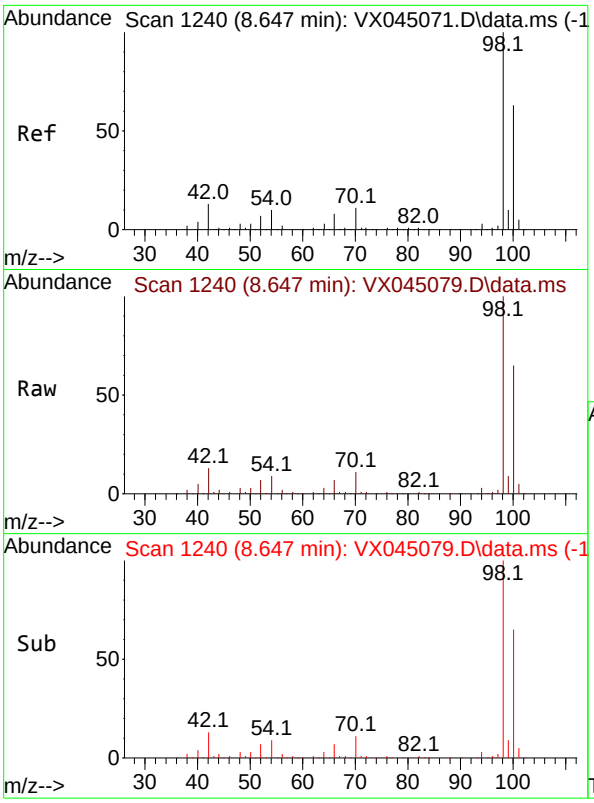


#35
Dibromofluoromethane
Concen: 50.970 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX045079.D
Acq: 28 Feb 2025 11:23

Tgt Ion:113 Resp: 50912

Ion	Ratio	Lower	Upper
113	100		
111	104.7	81.8	122.6
192	17.3	14.3	21.5



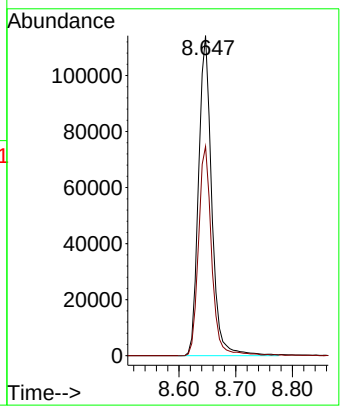


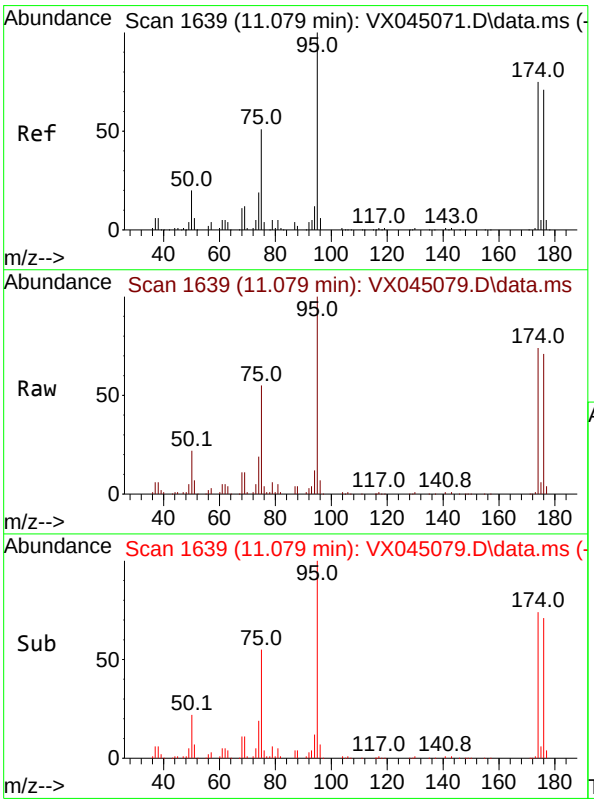
#50
Toluene-d8
Concen: 50.907 ug/l
RT: 8.647 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045079.D
Acq: 28 Feb 2025 11:23

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBL01

Tgt Ion: 98 Resp: 184348

Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.0	78.0

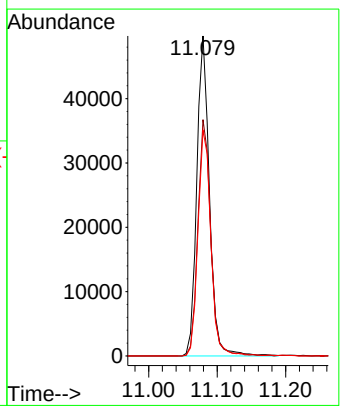


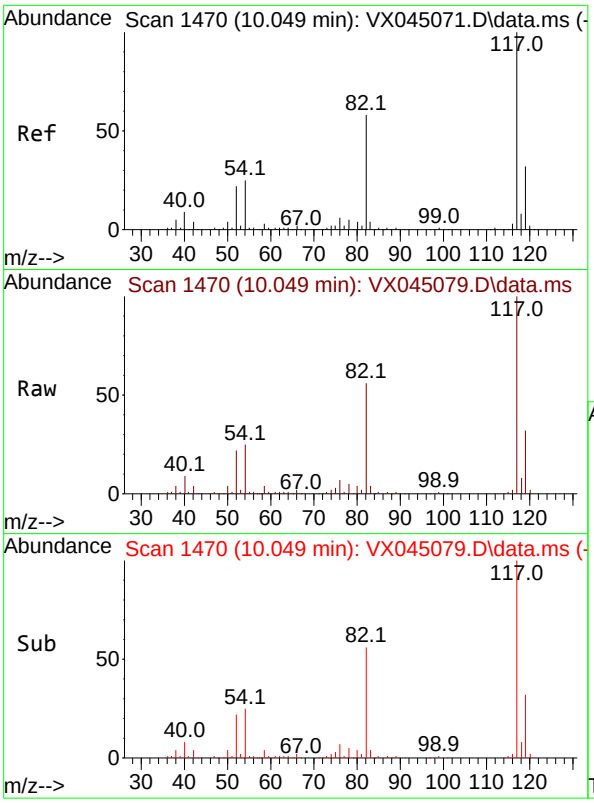


#62
4-Bromofluorobenzene
Concen: 53.307 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045079.D
Acq: 28 Feb 2025 11:23

Tgt Ion: 95 Resp: 63967

Ion	Ratio	Lower	Upper
95	100		
174	75.3	0.0	148.2
176	72.0	0.0	141.4



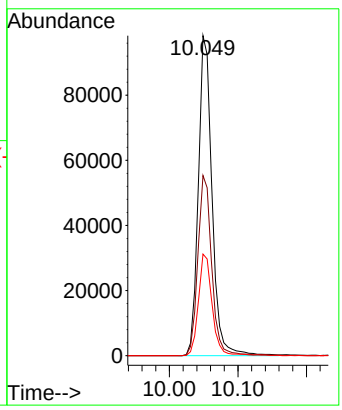


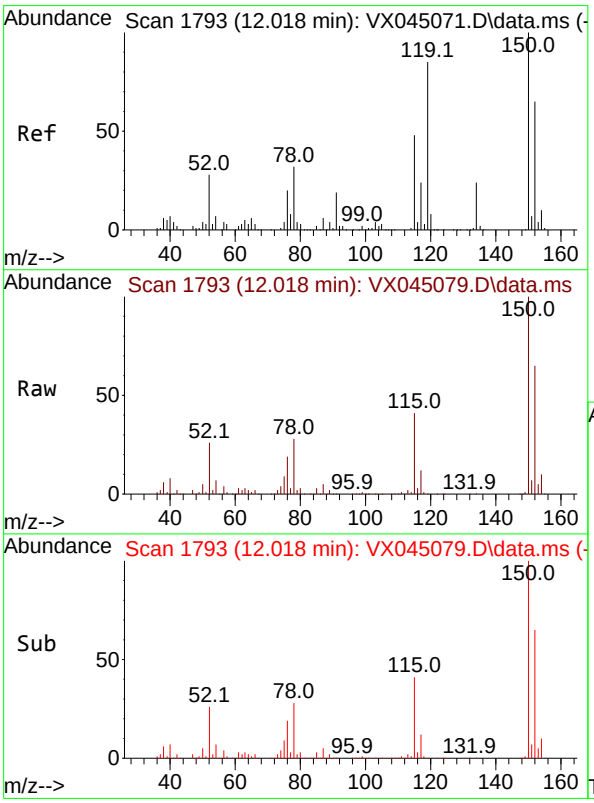
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX045079.D
Acq: 28 Feb 2025 11:23

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBL01

Tgt Ion:117 Resp: 137180

Ion	Ratio	Lower	Upper
117	100		
82	56.3	46.3	69.5
119	31.8	25.7	38.5

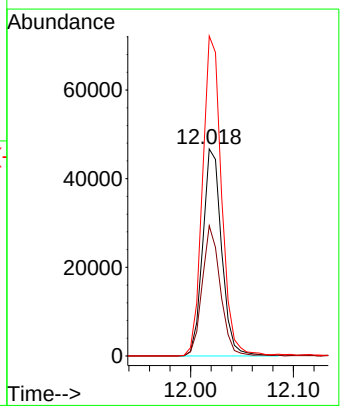




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045079.D
Acq: 28 Feb 2025 11:23

Tgt Ion:152 Resp: 59690

Ion	Ratio	Lower	Upper
152	100		
115	61.0	44.2	132.6
150	155.3	0.0	349.0



Raw Data: **VX045080.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:	VX0228WBS01	SDG No.:	Q1469
Lab Sample ID:	VX0228WBS01	Matrix:	Water
Analytical Method:	SW8260	% 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
VX045080.D	1		02/28/25 11:46	VX022825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	19.1		0.21	1.00	ug/L
74-87-3	Chloromethane	18.6		0.35	1.00	ug/L
75-01-4	Vinyl Chloride	18.4		0.34	1.00	ug/L
141-78-6	Ethyl Acetate	17.8		0.38	1.00	ug/L
74-83-9	Bromomethane	17.7		1.40	5.00	ug/L
75-00-3	Chloroethane	16.6		0.56	1.00	ug/L
75-69-4	Trichlorofluoromethane	18.6		0.34	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	19.9		0.25	1.00	ug/L
75-65-0	Tert butyl alcohol	80.2		5.60	25.0	ug/L
75-35-4	1,1-Dichloroethene	18.1		0.26	1.00	ug/L
107-02-8	Acrolein	110		6.70	25.0	ug/L
107-13-1	Acrylonitrile	89.2		0.90	5.00	ug/L
67-64-1	Acetone	83.3		1.40	5.00	ug/L
75-15-0	Carbon Disulfide	17.7		0.32	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	17.9		0.16	1.00	ug/L
79-20-9	Methyl Acetate	17.5		0.60	1.00	ug/L
75-09-2	Methylene Chloride	17.9		0.32	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	18.6		0.25	1.00	ug/L
108-05-4	Vinyl Acetate	93.9		0.71	5.00	ug/L
75-34-3	1,1-Dichloroethane	17.9		0.23	1.00	ug/L
110-82-7	Cyclohexane	19.3		1.60	5.00	ug/L
78-93-3	2-Butanone	91.6		1.30	5.00	ug/L
56-23-5	Carbon Tetrachloride	18.5		0.25	1.00	ug/L
594-20-7	2,2-Dichloropropane	26.1		0.31	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	18.2		0.25	1.00	ug/L
74-97-5	Bromochloromethane	17.4		0.18	1.00	ug/L
67-66-3	Chloroform	18.1		0.26	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	18.2		0.19	1.00	ug/L
108-87-2	Methylcyclohexane	20.8		0.19	1.00	ug/L
563-58-6	1,1-Dichloropropene	18.8		0.18	1.00	ug/L

Raw Data: **VX045080.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:	VX0228WBS01	SDG No.:	Q1469
Lab Sample ID:	VX0228WBS01	Matrix:	Water
Analytical Method:	SW8260	% 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
VX045080.D	1		02/28/25 11:46	VX022825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
71-43-2	Benzene	19.0		0.16	1.00	ug/L
107-06-2	1,2-Dichloroethane	18.6		0.24	1.00	ug/L
79-01-6	Trichloroethene	18.6		0.32	1.00	ug/L
78-87-5	1,2-Dichloropropane	18.6		0.19	1.00	ug/L
74-95-3	Dibromomethane	18.9		0.23	1.00	ug/L
75-27-4	Bromodichloromethane	18.6		0.24	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	95.6		0.75	5.00	ug/L
108-88-3	Toluene	19.6		0.18	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	19.5		0.21	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	20.0		0.18	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	18.9		0.17	1.00	ug/L
110-75-8	2-Chloroethyl Vinyl ether	100		1.80	5.00	ug/L
591-78-6	2-Hexanone	97.0		1.10	5.00	ug/L
124-48-1	Dibromochloromethane	18.5		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	19.3		0.16	1.00	ug/L
127-18-4	Tetrachloroethene	19.0		0.25	1.00	ug/L
108-90-7	Chlorobenzene	19.6		0.13	1.00	ug/L
630-20-6	1,1,1,2-Tetrachloroethane	18.4		0.21	1.00	ug/L
67-72-1	Hexachloroethane	18.5		0	0	ug/L
100-41-4	Ethyl Benzene	19.4		0.16	1.00	ug/L
179601-23-1	m/p-Xylenes	40.1		0.31	2.00	ug/L
95-47-6	o-Xylene	19.7		0.14	1.00	ug/L
100-42-5	Styrene	20.2		0.16	1.00	ug/L
75-25-2	Bromoform	18.2		0.21	1.00	ug/L
98-82-8	Isopropylbenzene	19.4		0.13	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	18.3		0.27	1.00	ug/L
96-18-4	1,2,3-Trichloropropane	17.8		0.39	1.00	ug/L
108-86-1	Bromobenzene	19.1		0.26	1.00	ug/L
103-65-1	n-propylbenzene	20.0		0.14	1.00	ug/L
95-49-8	2-Chlorotoluene	18.9		0.16	1.00	ug/L

Raw Data: **VX045080.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:	VX0228WBS01	SDG No.:	Q1469
Lab Sample ID:	VX0228WBS01	Matrix:	Water
Analytical Method:	SW8260	% 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
VX045080.D	1		02/28/25 11:46	VX022825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-67-8	1,3,5-Trimethylbenzene	20.1		0.18	1.00	ug/L
106-43-4	4-Chlorotoluene	19.3		0.18	1.00	ug/L
98-06-6	tert-Butylbenzene	19.3		0.17	1.00	ug/L
95-63-6	1,2,4-Trimethylbenzene	19.6		0.18	1.00	ug/L
135-98-8	sec-Butylbenzene	19.9		0.17	1.00	ug/L
99-87-6	p-Isopropyltoluene	20.4		0.15	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	19.5		0.24	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	19.4		0.27	1.00	ug/L
104-51-8	n-Butylbenzene	20.4		0.22	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	19.4		0.19	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	17.7		0.46	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	19.7		0.42	1.00	ug/L
87-68-3	Hexachlorobutadiene	20.4		0.31	1.00	ug/L
91-20-3	Naphthalene	19.2		0.59	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	19.9		0.51	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	46.9		74 - 125	94%	SPK: 50
1868-53-7	Dibromofluoromethane	48.2		75 - 124	96%	SPK: 50
2037-26-5	Toluene-d8	50.1		86 - 113	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.0		77 - 121	102%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	108000	5.544			
540-36-3	1,4-Difluorobenzene	193000	6.757			
3114-55-4	Chlorobenzene-d5	169000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	76500	12.018			

Raw Data: **VX045080.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:	VX0228WBS01	SDG No.:	Q1469
Lab Sample ID:	VX0228WBS01	Matrix:	Water
Analytical Method:	SW8260	% 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
VX045080.D	1		02/28/25 11:46	VX022825

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\VX022825\
Data File : VX045080.D
Acq On : 28 Feb 2025 11:46
Operator : JC/MD
Sample : VX0228WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 28 14:28:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 03/03/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	108329	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	192724	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	169474	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	76472	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	80881	46.938	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 93.880%			
35) Dibromofluoromethane	5.379	113	62124	48.207	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.420%			
50) Toluene-d8	8.647	98	233874	50.059	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.120%			
62) 4-Bromofluorobenzene	11.079	95	78964	51.005	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.020%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	25993	19.062	ug/l	98
3) Chloromethane	1.301	50	31053	18.608	ug/l	96
4) Vinyl Chloride	1.374	62	30398	18.363	ug/l	96
5) Bromomethane	1.593	94	11496	17.665	ug/l	98
6) Chloroethane	1.660	64	12662	16.582	ug/l	99
7) Trichlorofluoromethane	1.868	101	40845	18.638	ug/l	100
8) Diethyl Ether	2.136	74	14376	16.771	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.319	101	25054	19.899	ug/l	99
10) Methyl Iodide	2.441	142	27491	17.472	ug/l	97
11) Tert butyl alcohol	2.995	59	26171	80.184	ug/l	99
12) 1,1-Dichloroethene	2.306	96	24097	18.103	ug/l	97
13) Acrolein	2.239	56	42643	113.023	ug/l	98
14) Allyl chloride	2.654	41	44238	18.670	ug/l	99
15) Acrylonitrile	3.069	53	78022	89.193	ug/l	98
16) Acetone	2.386	43	66572	83.269	ug/l	100
17) Carbon Disulfide	2.502	76	62721	17.691	ug/l	97
18) Methyl Acetate	2.709	43	33660	17.501	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	79756	17.859	ug/l	98
20) Methylene Chloride	2.782	84	28274	17.853	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	24403	18.556	ug/l	95
22) Diisopropyl ether	3.764	45	89611	18.596	ug/l	94
23) Vinyl Acetate	3.721	43	377536	93.881	ug/l	99
24) 1,1-Dichloroethane	3.599	63	48272	17.874	ug/l	99
25) 2-Butanone	4.562	43	110248	91.613	ug/l	100
26) 2,2-Dichloropropane	4.471	77	33053	26.092	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	29539	18.196	ug/l	96
28) Bromochloromethane	4.891	49	22404	17.404	ug/l	98
29) Tetrahydrofuran	5.007	42	71331	88.264	ug/l	99
30) Chloroform	5.086	83	48521	18.082	ug/l	97
31) Cyclohexane	5.458	56	45303	19.324	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	39336	18.150	ug/l	99
36) 1,1-Dichloropropene	5.684	75	33230	18.803	ug/l	99
37) Ethyl Acetate	4.715	43	40562	17.811	ug/l	98
38) Carbon Tetrachloride	5.666	117	33280	18.548	ug/l	96
39) Methylcyclohexane	7.373	83	44081	20.816	ug/l	97
40) Benzene	6.031	78	106228	19.035	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045080.D
Acq On : 28 Feb 2025 11:46
Operator : JC/MD
Sample : VX0228WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 28 14:28:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 03/03/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.922	41	22360	18.159	ug/l		97
42) 1,2-Dichloroethane	6.086	62	37297	18.559	ug/l		100
43) Isopropyl Acetate	6.342	43	64239	19.076	ug/l		99
44) Trichloroethene	7.123	130	24390	18.612	ug/l		93
45) 1,2-Dichloropropane	7.428	63	26709	18.614	ug/l		96
46) Dibromomethane	7.580	93	19218	18.949	ug/l		99
47) Bromodichloromethane	7.818	83	37048	18.624	ug/l		99
48) Methyl methacrylate	7.690	41	30953	18.322	ug/l		97
49) 1,4-Dioxane	7.665	88	13158	369.225	ug/l		97
51) 4-Methyl-2-Pentanone	8.574	43	216153	95.598	ug/l		100
52) Toluene	8.714	92	64270	19.628	ug/l		98
53) t-1,3-Dichloropropene	8.976	75	32395	19.479	ug/l		95
54) cis-1,3-Dichloropropene	8.366	75	38727	19.970	ug/l		100
55) 1,1,2-Trichloroethane	9.153	97	25711	19.074	ug/l		98
56) Ethyl methacrylate	9.116	69	38638	18.857	ug/l		99
57) 1,3-Dichloropropane	9.305	76	44044	18.881	ug/l		98
58) 2-Chloroethyl Vinyl ether	8.238	63	99991	100.039	ug/l		99
59) 2-Hexanone	9.433	43	158894	96.991	ug/l		100
60) Dibromochloromethane	9.519	129	26039	18.475	ug/l		96
61) 1,2-Dibromoethane	9.610	107	25976	19.303	ug/l		97
64) Tetrachloroethene	9.269	164	20636	19.012	ug/l		98
65) Chlorobenzene	10.079	112	70182	19.571	ug/l		95
66) 1,1,1,2-Tetrachloroethane	10.159	131	21951	18.381	ug/l		98
67) Ethyl Benzene	10.189	91	121335	19.418	ug/l		100
68) m/p-Xylenes	10.299	106	91808	40.136	ug/l		99
69) o-Xylene	10.640	106	45354	19.659	ug/l		98
70) Styrene	10.653	104	75515	20.230	ug/l		98
71) Bromoform	10.799	173	16386	18.196	ug/l	#	99
73) Isopropylbenzene	10.957	105	115731	19.389	ug/l		100
74) N-amyl acetate	10.842	43	53161	18.981	ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.213	83	40107	18.311	ug/l		98
76) 1,2,3-Trichloropropane	11.238	75	31765m	17.847	ug/l		
77) Bromobenzene	11.195	156	26840	19.058	ug/l		99
78) n-propylbenzene	11.305	91	135011	20.023	ug/l		100
79) 2-Chlorotoluene	11.360	91	81025	18.869	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	96986	20.095	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	9262	17.808	ug/l		90
82) 4-Chlorotoluene	11.451	91	90109	19.254	ug/l		98
83) tert-Butylbenzene	11.713	119	95461	19.251	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	95268	19.618	ug/l		99
85) sec-Butylbenzene	11.890	105	118388	19.930	ug/l		99
86) p-Isopropyltoluene	12.006	119	97752	20.363	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	48888	19.459	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	49240	19.373	ug/l		99
89) n-Butylbenzene	12.329	91	84515	20.441	ug/l		100
90) Hexachloroethane	12.536	117	16106	18.549	ug/l		97
91) 1,2-Dichlorobenzene	12.335	146	48893	19.400	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	7561	17.719	ug/l		98
93) 1,2,4-Trichlorobenzene	13.585	180	28247	19.684	ug/l		99
94) Hexachlorobutadiene	13.725	225	11980	20.362	ug/l		99
95) Naphthalene	13.774	128	106065	19.237	ug/l		100
96) 1,2,3-Trichlorobenzene	13.963	180	30059	19.855	ug/l		99

Sample Results: **VX045080.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045080.D
Acq On : 28 Feb 2025 11:46
Operator : JC/MD
Sample : VX0228WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 28 14:28:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 03/03/2025

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

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

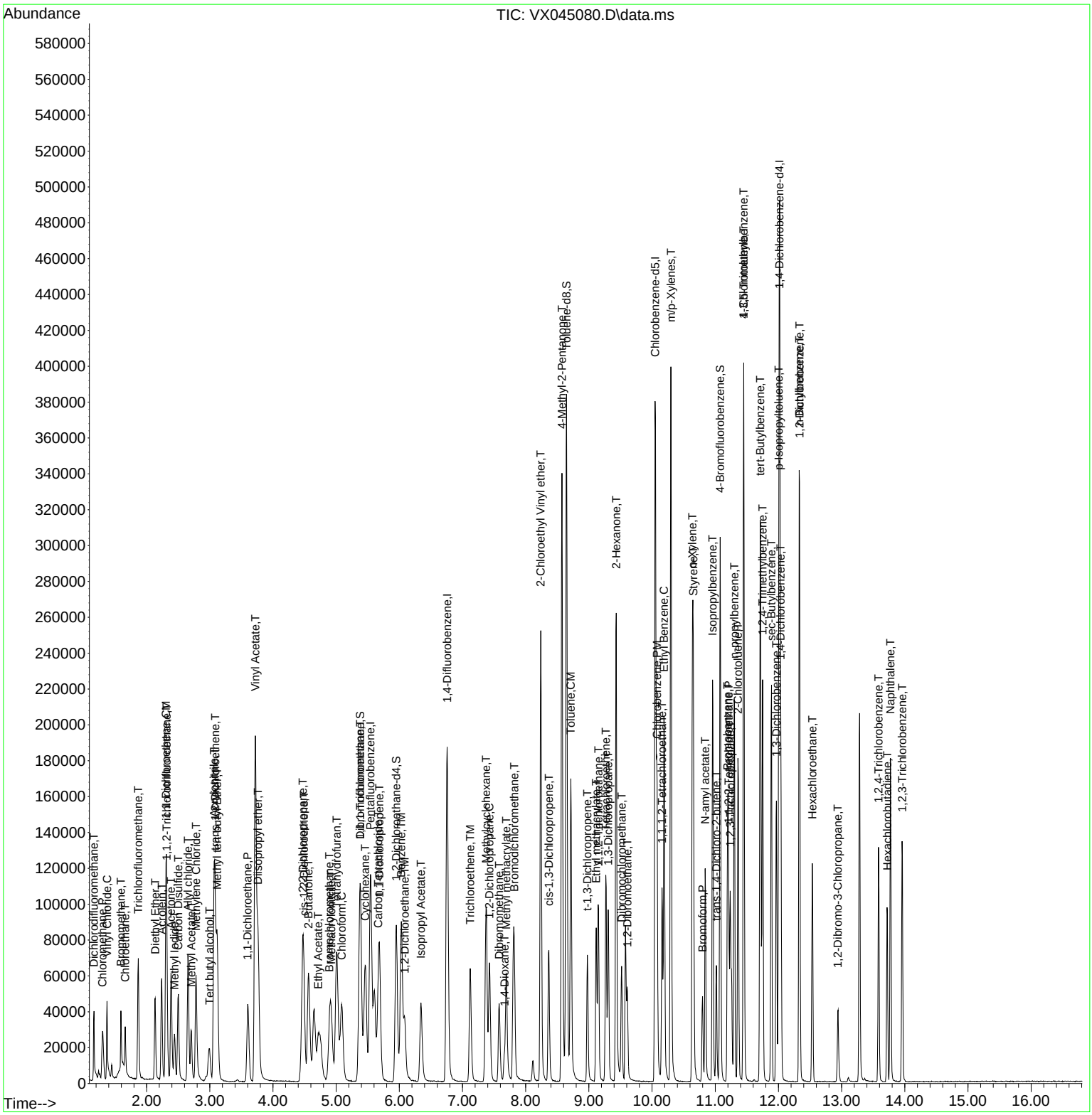
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045080.D
Acq On : 28 Feb 2025 11:46
Operator : JC/MD
Sample : VX0228WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 28 14:28:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 03/03/2025



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

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	
Project:	Weekly Storage Blanks	Date Received:	
Client Sample ID:	VX0228WBSD01	SDG No.:	Q1469
Lab Sample ID:	VX0228WBSD01	Matrix:	Water
Analytical Method:	SW8260	% 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
VX045081.D	1		02/28/25 12:13	VX022825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	18.9		0.21	1.00	ug/L
74-87-3	Chloromethane	18.6		0.35	1.00	ug/L
75-01-4	Vinyl Chloride	18.1		0.34	1.00	ug/L
141-78-6	Ethyl Acetate	19.0		0.38	1.00	ug/L
74-83-9	Bromomethane	18.7		1.40	5.00	ug/L
75-00-3	Chloroethane	16.0		0.56	1.00	ug/L
75-69-4	Trichlorofluoromethane	19.1		0.34	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	20.1		0.25	1.00	ug/L
75-65-0	Tert butyl alcohol	84.8		5.60	25.0	ug/L
75-35-4	1,1-Dichloroethene	18.2		0.26	1.00	ug/L
107-02-8	Acrolein	120		6.70	25.0	ug/L
107-13-1	Acrylonitrile	93.9		0.90	5.00	ug/L
67-64-1	Acetone	88.6		1.40	5.00	ug/L
75-15-0	Carbon Disulfide	17.9		0.32	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	18.6		0.16	1.00	ug/L
79-20-9	Methyl Acetate	18.5		0.60	1.00	ug/L
75-09-2	Methylene Chloride	17.9		0.32	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	18.8		0.25	1.00	ug/L
108-05-4	Vinyl Acetate	98.3		0.71	5.00	ug/L
75-34-3	1,1-Dichloroethane	18.0		0.23	1.00	ug/L
110-82-7	Cyclohexane	19.6		1.60	5.00	ug/L
78-93-3	2-Butanone	95.9		1.30	5.00	ug/L
56-23-5	Carbon Tetrachloride	18.8		0.25	1.00	ug/L
594-20-7	2,2-Dichloropropane	26.8		0.31	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	18.9		0.25	1.00	ug/L
74-97-5	Bromochloromethane	18.1		0.18	1.00	ug/L
67-66-3	Chloroform	18.5		0.26	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	18.8		0.19	1.00	ug/L
108-87-2	Methylcyclohexane	21.5		0.19	1.00	ug/L
563-58-6	1,1-Dichloropropene	18.5		0.18	1.00	ug/L

Raw Data: **VX045081.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:	VX0228WBSD01	SDG No.:	Q1469
Lab Sample ID:	VX0228WBSD01	Matrix:	Water
Analytical Method:	SW8260	% 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
VX045081.D	1		02/28/25 12:13	VX022825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
71-43-2	Benzene	19.3		0.16	1.00	ug/L
107-06-2	1,2-Dichloroethane	19.1		0.24	1.00	ug/L
79-01-6	Trichloroethene	19.0		0.32	1.00	ug/L
78-87-5	1,2-Dichloropropane	19.0		0.19	1.00	ug/L
74-95-3	Dibromomethane	19.4		0.23	1.00	ug/L
75-27-4	Bromodichloromethane	19.0		0.24	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	100		0.75	5.00	ug/L
108-88-3	Toluene	19.9		0.18	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	19.9		0.21	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	20.2		0.18	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	19.8		0.21	1.00	ug/L
142-28-9	1,3-Dichloropropane	19.6		0.17	1.00	ug/L
110-75-8	2-Chloroethyl Vinyl ether	100		1.80	5.00	ug/L
591-78-6	2-Hexanone	100		1.10	5.00	ug/L
124-48-1	Dibromochloromethane	19.2		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	19.8		0.16	1.00	ug/L
127-18-4	Tetrachloroethene	19.7		0.25	1.00	ug/L
108-90-7	Chlorobenzene	19.7		0.13	1.00	ug/L
630-20-6	1,1,1,2-Tetrachloroethane	18.8		0.21	1.00	ug/L
67-72-1	Hexachloroethane	18.2		0	0	ug/L
100-41-4	Ethyl Benzene	19.8		0.16	1.00	ug/L
179601-23-1	m/p-Xylenes	41.0		0.31	2.00	ug/L
95-47-6	o-Xylene	19.8		0.14	1.00	ug/L
100-42-5	Styrene	20.3		0.16	1.00	ug/L
75-25-2	Bromoform	18.6		0.21	1.00	ug/L
98-82-8	Isopropylbenzene	19.7		0.13	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	18.8		0.27	1.00	ug/L
96-18-4	1,2,3-Trichloropropane	18.7		0.39	1.00	ug/L
108-86-1	Bromobenzene	19.2		0.26	1.00	ug/L
103-65-1	n-propylbenzene	19.9		0.14	1.00	ug/L
95-49-8	2-Chlorotoluene	19.1		0.16	1.00	ug/L

Raw Data: **VX045081.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:	VX0228WBSD01	SDG No.:	Q1469
Lab Sample ID:	VX0228WBSD01	Matrix:	Water
Analytical Method:	SW8260	% 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
VX045081.D	1		02/28/25 12:13	VX022825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-67-8	1,3,5-Trimethylbenzene	20.1		0.18	1.00	ug/L
106-43-4	4-Chlorotoluene	19.9		0.18	1.00	ug/L
98-06-6	tert-Butylbenzene	19.3		0.17	1.00	ug/L
95-63-6	1,2,4-Trimethylbenzene	19.9		0.18	1.00	ug/L
135-98-8	sec-Butylbenzene	20.3		0.17	1.00	ug/L
99-87-6	p-Isopropyltoluene	20.3		0.15	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	19.5		0.24	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	19.5		0.27	1.00	ug/L
104-51-8	n-Butylbenzene	20.4		0.22	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	19.8		0.19	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	18.5		0.46	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	20.7		0.42	1.00	ug/L
87-68-3	Hexachlorobutadiene	20.4		0.31	1.00	ug/L
91-20-3	Naphthalene	20.1		0.59	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	20.4		0.51	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	48.0		74 - 125	96%	SPK: 50
1868-53-7	Dibromofluoromethane	49.6		75 - 124	99%	SPK: 50
2037-26-5	Toluene-d8	50.1		86 - 113	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.6		77 - 121	103%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	103000	5.544			
540-36-3	1,4-Difluorobenzene	183000	6.757			
3114-55-4	Chlorobenzene-d5	162000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	73400	12.018			

Raw Data: **VX045081.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:	VX0228WBSD01	SDG No.:	Q1469
Lab Sample ID:	VX0228WBSD01	Matrix:	Water
Analytical Method:	SW8260	% 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
VX045081.D	1		02/28/25 12:13	VX022825

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\VX022825\
Data File : VX045081.D
Acq On : 28 Feb 2025 12:13
Operator : JC/MD
Sample : VX0228WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 28 14:28:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 03/03/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	102676	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	183348	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	162382	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	73363	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	78381	47.992	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 95.980%			
35) Dibromofluoromethane	5.379	113	60841	49.626	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.260%			
50) Toluene-d8	8.647	98	222580	50.078	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.160%			
62) 4-Bromofluorobenzene	11.079	95	75997	51.599	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 103.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	24425	18.898	ug/l	98
3) Chloromethane	1.307	50	29444	18.616	ug/l	98
4) Vinyl Chloride	1.374	62	28450	18.132	ug/l	98
5) Bromomethane	1.593	94	11516	18.670	ug/l	97
6) Chloroethane	1.660	64	11560	15.973	ug/l	98
7) Trichlorofluoromethane	1.867	101	39715	19.120	ug/l	99
8) Diethyl Ether	2.136	74	14681	18.070	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.313	101	24000	20.111	ug/l	99
10) Methyl Iodide	2.441	142	26949	18.071	ug/l	98
11) Tert butyl alcohol	2.995	59	26234	84.802	ug/l	98
12) 1,1-Dichloroethene	2.306	96	22917	18.164	ug/l	97
13) Acrolein	2.233	56	42959	120.129	ug/l	99
14) Allyl chloride	2.654	41	44373	19.758	ug/l	98
15) Acrylonitrile	3.062	53	77891	93.945	ug/l	100
16) Acetone	2.386	43	67116	88.572	ug/l	100
17) Carbon Disulfide	2.501	76	60232	17.924	ug/l	99
18) Methyl Acetate	2.703	43	33723	18.499	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	78617	18.573	ug/l	98
20) Methylene Chloride	2.782	84	26850	17.888	ug/l	97
21) trans-1,2-Dichloroethene	3.081	96	23488	18.844	ug/l	96
22) Diisopropyl ether	3.757	45	87045	19.058	ug/l #	85
23) Vinyl Acetate	3.715	43	374531	98.261	ug/l	99
24) 1,1-Dichloroethane	3.599	63	46160	18.033	ug/l	98
25) 2-Butanone	4.562	43	109404	95.917	ug/l	99
26) 2,2-Dichloropropane	4.465	77	32128	26.759	ug/l	95
27) cis-1,2-Dichloroethene	4.477	96	29097	18.910	ug/l	98
28) Bromochloromethane	4.897	49	22096	18.110	ug/l	98
29) Tetrahydrofuran	5.007	42	71959	93.943	ug/l	100
30) Chloroform	5.080	83	47136	18.533	ug/l	94
31) Cyclohexane	5.458	56	43569	19.608	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	38625	18.803	ug/l	99
36) 1,1-Dichloropropene	5.684	75	31171	18.539	ug/l	97
37) Ethyl Acetate	4.715	43	41163	19.000	ug/l	99
38) Carbon Tetrachloride	5.672	117	32036	18.768	ug/l	93
39) Methylcyclohexane	7.373	83	43300	21.493	ug/l	97
40) Benzene	6.031	78	102719	19.347	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045081.D
Acq On : 28 Feb 2025 12:13
Operator : JC/MD
Sample : VX0228WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 28 14:28:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 03/03/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.922	41	22353	19.081	ug/l		98
42) 1,2-Dichloroethane	6.086	62	36431	19.055	ug/l		98
43) Isopropyl Acetate	6.342	43	62918	19.639	ug/l		99
44) Trichloroethene	7.117	130	23736	19.040	ug/l		89
45) 1,2-Dichloropropane	7.427	63	25968	19.023	ug/l		97
46) Dibromomethane	7.580	93	18730	19.412	ug/l		99
47) Bromodichloromethane	7.818	83	35890	18.964	ug/l		98
48) Methyl methacrylate	7.690	41	31227	19.429	ug/l		99
49) 1,4-Dioxane	7.665	88	13374	394.478	ug/l		97
51) 4-Methyl-2-Pentanone	8.574	43	215285	100.083	ug/l		99
52) Toluene	8.714	92	62012	19.907	ug/l		99
53) t-1,3-Dichloropropene	8.976	75	31552	19.942	ug/l		99
54) cis-1,3-Dichloropropene	8.366	75	37263	20.197	ug/l		96
55) 1,1,2-Trichloroethane	9.153	97	25421	19.823	ug/l		97
56) Ethyl methacrylate	9.116	69	38375	19.686	ug/l		97
57) 1,3-Dichloropropane	9.305	76	43601	19.646	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.238	63	98607	103.699	ug/l		99
59) 2-Hexanone	9.427	43	156586	100.470	ug/l		99
60) Dibromochloromethane	9.519	129	25707	19.172	ug/l		97
61) 1,2-Dibromoethane	9.610	107	25351	19.802	ug/l		100
64) Tetrachloroethene	9.269	164	20506	19.717	ug/l		94
65) Chlorobenzene	10.079	112	67717	19.708	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.159	131	21552	18.835	ug/l		98
67) Ethyl Benzene	10.189	91	118363	19.770	ug/l		100
68) m/p-Xylenes	10.299	106	89858	41.000	ug/l		98
69) o-Xylene	10.640	106	43790	19.810	ug/l		98
70) Styrene	10.652	104	72492	20.268	ug/l		99
71) Bromoform	10.799	173	16021	18.567	ug/l	#	99
73) Isopropylbenzene	10.957	105	112773	19.694	ug/l		99
74) N-amyl acetate	10.841	43	51992	19.350	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.213	83	39599	18.845	ug/l		98
76) 1,2,3-Trichloropropane	11.238	75	31916m	18.691	ug/l		
77) Bromobenzene	11.195	156	25894	19.166	ug/l		98
78) n-propylbenzene	11.299	91	128893	19.926	ug/l		100
79) 2-Chlorotoluene	11.360	91	78548	19.067	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	93040	20.095	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	9730	19.501	ug/l		95
82) 4-Chlorotoluene	11.451	91	89378	19.907	ug/l		99
83) tert-Butylbenzene	11.713	119	91865	19.310	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	92622	19.881	ug/l		100
85) sec-Butylbenzene	11.890	105	115708	20.305	ug/l		100
86) p-Isopropyltoluene	12.006	119	93388	20.278	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	47023	19.510	ug/l		99
88) 1,4-Dichlorobenzene	12.042	146	47637	19.536	ug/l		98
89) n-Butylbenzene	12.329	91	80942	20.407	ug/l		99
90) Hexachloroethane	12.536	117	15192	18.238	ug/l		96
91) 1,2-Dichlorobenzene	12.335	146	47753	19.751	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	7566	18.482	ug/l		96
93) 1,2,4-Trichlorobenzene	13.585	180	28524	20.719	ug/l		97
94) Hexachlorobutadiene	13.725	225	11519	20.409	ug/l		99
95) Naphthalene	13.774	128	106178	20.074	ug/l		100
96) 1,2,3-Trichlorobenzene	13.963	180	29563	20.355	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045081.D
Acq On : 28 Feb 2025 12:13
Operator : JC/MD
Sample : VX0228WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 03/03/2025

Quant Time: Feb 28 14:28:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

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

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

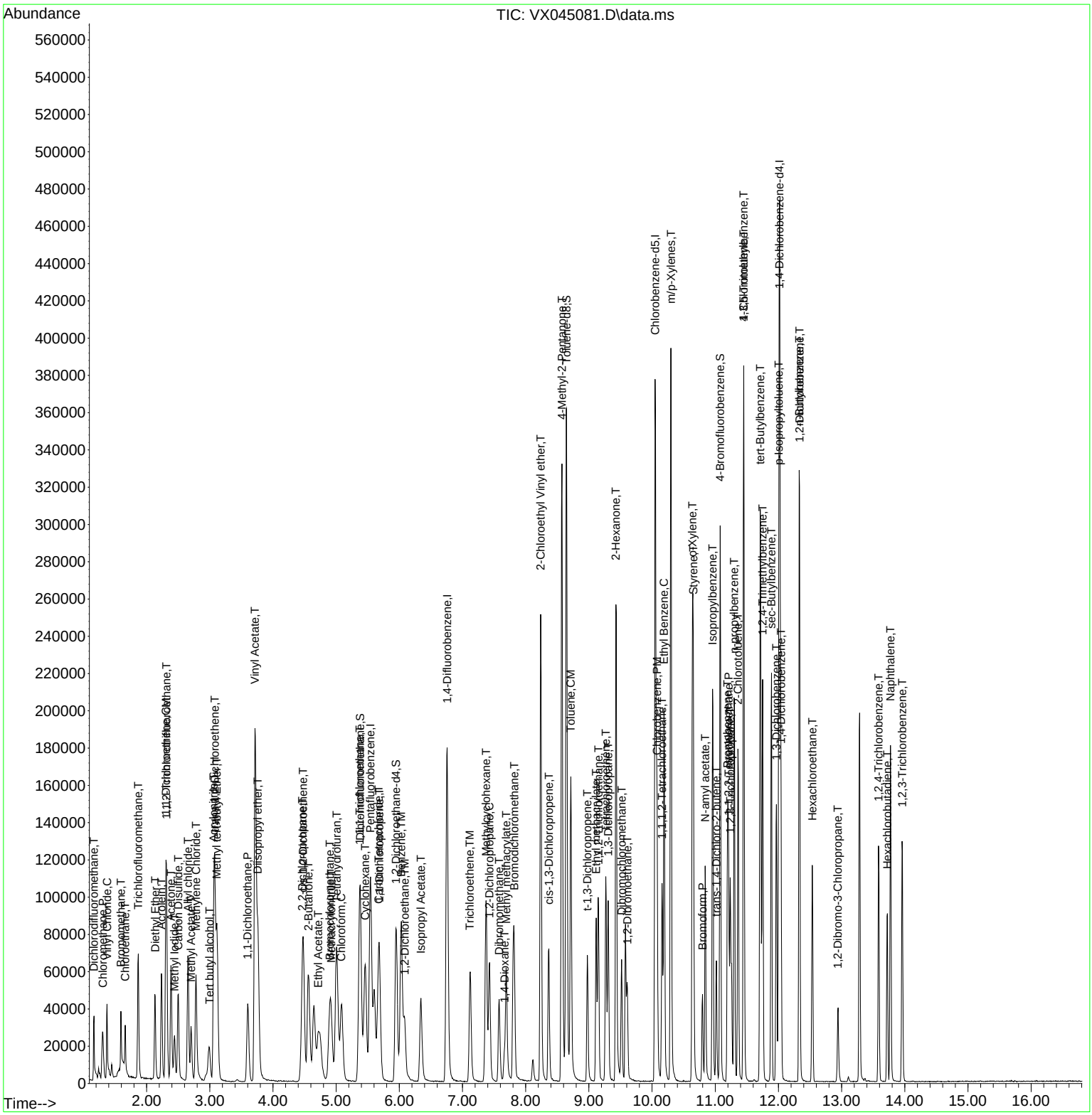
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
Data File : VX045081.D
Acq On : 28 Feb 2025 12:13
Operator : JC/MD
Sample : VX0228WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 28 14:28:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 03/03/2025



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

Manual Integration Report

Sequence:	VX022825	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC001	VX045068.D	1,2,3-Trichloropropane	JOHN	2/28/2025 10:05:09 AM	MMDadoda	2/28/2025 11:09:31 AM	Peak Integrated by Software
VSTDICC001	VX045068.D	1,4-Dichlorobenzene	JOHN	2/28/2025 10:05:09 AM	MMDadoda	2/28/2025 11:09:31 AM	Peak Integrated by Software
VSTDICC001	VX045068.D	Carbon Tetrachloride	JOHN	2/28/2025 10:05:09 AM	MMDadoda	2/28/2025 11:09:31 AM	Peak Integrated by Software
VSTDICC001	VX045068.D	Chloroethane	JOHN	2/28/2025 10:05:09 AM	MMDadoda	2/28/2025 11:09:31 AM	Peak Integrated by Software
VSTDICC001	VX045068.D	Ethyl Acetate	JOHN	2/28/2025 10:05:09 AM	MMDadoda	2/28/2025 11:09:31 AM	Peak Integrated by Software
VSTDICC001	VX045068.D	Methacrylonitrile	JOHN	2/28/2025 10:05:09 AM	MMDadoda	2/28/2025 11:09:31 AM	Peak Integrated by Software
VSTDICC001	VX045068.D	Methyl methacrylate	JOHN	2/28/2025 10:05:09 AM	MMDadoda	2/28/2025 11:09:31 AM	Peak Integrated by Software
VSTDICC005	VX045069.D	1,2,3-Trichloropropane	JOHN	2/28/2025 10:05:14 AM	MMDadoda	2/28/2025 11:09:31 AM	Peak Integrated by Software
VSTDICC005	VX045069.D	Tert butyl alcohol	JOHN	2/28/2025 10:05:14 AM	MMDadoda	2/28/2025 11:09:31 AM	Peak Integrated by Software
VSTDICC020	VX045070.D	1,2,3-Trichloropropane	JOHN	2/28/2025 10:05:21 AM	MMDadoda	2/28/2025 11:09:33 AM	Peak Integrated by Software
VSTDICCC050	VX045071.D	1,2,3-Trichloropropane	JOHN	2/28/2025 10:05:25 AM	MMDadoda	2/28/2025 11:09:35 AM	Peak Integrated by Software
VSTDICC100	VX045072.D	1,2,3-Trichloropropane	JOHN	2/28/2025 10:05:30 AM	MMDadoda	2/28/2025 11:09:37 AM	Peak Integrated by Software
VSTDICC150	VX045073.D	1,2,3-Trichloropropane	JOHN	2/28/2025 10:05:33 AM	MMDadoda	2/28/2025 11:09:42 AM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	VX022825	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICV050	VX045075.D	1,2,3-Trichloropropane	JOHN	2/28/2025 10:05:38 AM	MMDadoda	2/28/2025 11:09:44 AM	Peak Integrated by Software
VSTDCCC050	VX045077.D	1,2,3-Trichloropropane	JOHN	2/28/2025 2:52:30 PM			Peak Integrated by Software
VX0228WBS01	VX045080.D	1,2,3-Trichloropropane	JOHN	2/28/2025 2:52:34 PM			Peak Integrated by Software
VX0228WBSD01	VX045081.D	1,2,3-Trichloropropane	JOHN	2/28/2025 2:52:37 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 # VX022825

Review By	Mahesh Dadoda	Review On	2/28/2025 11:09:50 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	2/28/2025 11:11:09 AM		
SubDirectory	VX022825	HP Acquire Method		HP Processing Method	82X022825W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133187,VP133189
Initial Calibration Stds	VP133194,VP133195,VP133196,VP133197,VP133198,VP133199
CCC	VP133188,VP133190
Internal Standard/PEM	
ICV/I.BLK	VP133200
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX045067.D	28 Feb 2025 01:03	JC/MD	Ok
2	VSTDICC001	VX045068.D	28 Feb 2025 01:27	JC/MD	Ok,M
3	VSTDICC005	VX045069.D	28 Feb 2025 02:13	JC/MD	Ok,M
4	VSTDICC020	VX045070.D	28 Feb 2025 02:37	JC/MD	Ok,M
5	VSTDICCC050	VX045071.D	28 Feb 2025 03:00	JC/MD	Ok,M
6	VSTDICC100	VX045072.D	28 Feb 2025 03:23	JC/MD	Ok,M
7	VSTDICC150	VX045073.D	28 Feb 2025 03:47	JC/MD	Ok,M
8	IBLK	VX045074.D	28 Feb 2025 04:10	JC/MD	Ok
9	VSTDICV050	VX045075.D	28 Feb 2025 04:33	JC/MD	Ok,M
10	BFB	VX045076.D	28 Feb 2025 10:03	JC/MD	Ok
11	VSTDCCC050	VX045077.D	28 Feb 2025 10:32	JC/MD	Ok,NS
12	VX0228MBL01	VX045078.D	28 Feb 2025 11:00	JC/MD	Ok
13	VX0228WBL01	VX045079.D	28 Feb 2025 11:23	JC/MD	Ok
14	VX0228WBS01	VX045080.D	28 Feb 2025 11:46	JC/MD	Ok,NS
15	VX0228WBSD01	VX045081.D	28 Feb 2025 12:13	JC/MD	Ok,NS
16	Q1401-03	VX045082.D	28 Feb 2025 12:37	JC/MD	Ok
17	Q1401-06	VX045083.D	28 Feb 2025 13:00	JC/MD	Ok
18	Q1423-01	VX045084.D	28 Feb 2025 13:23	JC/MD	Ok
19	Q1423-03	VX045085.D	28 Feb 2025 13:47	JC/MD	Ok
20	Q1403-01	VX045086.D	28 Feb 2025 14:10	JC/MD	Ok
21	Q1403-02	VX045087.D	28 Feb 2025 14:33	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 # VX022825

Review By	Mahesh Dadoda	Review On	2/28/2025 11:09:50 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	2/28/2025 11:11:09 AM		
SubDirectory	VX022825	HP Acquire Method		HP Processing Method	82X022825W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133187,VP133189
Initial Calibration Stds	VP133194,VP133195,VP133196,VP133197,VP133198,VP133199
CCC	VP133188,VP133190
Internal Standard/PEM	
ICV/I.BLK	VP133200
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q1435-01	VX045088.D	28 Feb 2025 14:57	JC/MD	Ok
23	Q1403-04	VX045089.D	28 Feb 2025 15:20	JC/MD	Ok
24	Q1462-02	VX045090.D	28 Feb 2025 15:44	JC/MD	Ok
25	Q1469-01	VX045091.D	28 Feb 2025 16:07	JC/MD	Ok
26	Q1469-02	VX045092.D	28 Feb 2025 16:31	JC/MD	Ok
27	Q1469-03	VX045093.D	28 Feb 2025 16:54	JC/MD	Ok
28	Q1469-04	VX045094.D	28 Feb 2025 17:17	JC/MD	Ok
29	Q1403-03	VX045095.D	28 Feb 2025 17:41	JC/MD	Ok
30	Q1462-01	VX045096.D	28 Feb 2025 18:04	JC/MD	Ok,NR
31	IBLK	VX045097.D	28 Feb 2025 18:27	JC/MD	Ok
32	VSTDCCC050	VX045098.D	28 Feb 2025 18:50	JC/MD	Ok,NR

M : Manual Integration

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

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX022825

Review By	Mahesh Dadoda	Review On	2/28/2025 11:09:50 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	2/28/2025 11:11:09 AM		
SubDirectory	VX022825	HP Acquire Method		HP Processing Method	82X022825W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133187,VP133189
Initial Calibration Stds	VP133194,VP133195,VP133196,VP133197,VP133198,VP133199
CCC	VP133188,VP133190
Internal Standard/PEM	
ICV/I.BLK	VP133200
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX045067.D	28 Feb 2025 01:03		JC/MD	Ok
2	VSTDICC001	VSTDICC001	VX045068.D	28 Feb 2025 01:27		JC/MD	Ok,M
3	VSTDICC005	VSTDICC005	VX045069.D	28 Feb 2025 02:13		JC/MD	Ok,M
4	VSTDICC020	VSTDICC020	VX045070.D	28 Feb 2025 02:37		JC/MD	Ok,M
5	VSTDICCC050	VSTDICCC050	VX045071.D	28 Feb 2025 03:00		JC/MD	Ok,M
6	VSTDICC100	VSTDICC100	VX045072.D	28 Feb 2025 03:23		JC/MD	Ok,M
7	VSTDICC150	VSTDICC150	VX045073.D	28 Feb 2025 03:47		JC/MD	Ok,M
8	IBLK	IBLK	VX045074.D	28 Feb 2025 04:10		JC/MD	Ok
9	VSTDICV050	ICVVX022825	VX045075.D	28 Feb 2025 04:33		JC/MD	Ok,M
10	BFB	BFB	VX045076.D	28 Feb 2025 10:03		JC/MD	Ok
11	VSTDCCC050	VSTDCCC050	VX045077.D	28 Feb 2025 10:32	V13516	JC/MD	Ok,NS
12	VX0228MBL01	VX0228MBL01	VX045078.D	28 Feb 2025 11:00		JC/MD	Ok
13	VX0228WBL01	VX0228WBL01	VX045079.D	28 Feb 2025 11:23		JC/MD	Ok
14	VX0228WBS01	VX0228WBS01	VX045080.D	28 Feb 2025 11:46		JC/MD	Ok,NS
15	VX0228WBSD01	VX0228WBSD01	VX045081.D	28 Feb 2025 12:13		JC/MD	Ok,NS
16	Q1401-03	BP-VPB-192-GW-840-8	VX045082.D	28 Feb 2025 12:37	vial B pH<2	JC/MD	Ok
17	Q1401-06	BP-VPB-192-GW-900-9	VX045083.D	28 Feb 2025 13:00	vial B pH<2	JC/MD	Ok
18	Q1423-01	BP-VPB-192-TB-20250	VX045084.D	28 Feb 2025 13:23	vial B pH<2 TB	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 # VX022825

Review By	Mahesh Dadoda	Review On	2/28/2025 11:09:50 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	2/28/2025 11:11:09 AM		
SubDirectory	VX022825	HP Acquire Method		HP Processing Method	82X022825W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133187,VP133189
Initial Calibration Stds	VP133194,VP133195,VP133196,VP133197,VP133198,VP133199
CCC	VP133188,VP133190
Internal Standard/PEM	
ICV/I.BLK	VP133200
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q1423-03	BP-VPB-192-EB-20250	VX045085.D	28 Feb 2025 13:47	vial B pH<2 EB	JC/MD	Ok
20	Q1403-01	Storage-Blank-SOIL-RE	VX045086.D	28 Feb 2025 14:10	vial B pH<2	JC/MD	Ok
21	Q1403-02	Storage-Blank-WATER-	VX045087.D	28 Feb 2025 14:33	vial B pH<2	JC/MD	Ok
22	Q1435-01	286107	VX045088.D	28 Feb 2025 14:57	vial A pH<2	JC/MD	Ok
23	Q1403-04	Storage-Blank-SAMPLE	VX045089.D	28 Feb 2025 15:20		JC/MD	Ok
24	Q1462-02	FB	VX045090.D	28 Feb 2025 15:44	FB	JC/MD	Ok
25	Q1469-01	Storage-Blank-SOIL-RE	VX045091.D	28 Feb 2025 16:07		JC/MD	Ok
26	Q1469-02	Storage-Blank-WATER-	VX045092.D	28 Feb 2025 16:31		JC/MD	Ok
27	Q1469-03	Storage-Blank-WATER-	VX045093.D	28 Feb 2025 16:54		JC/MD	Ok
28	Q1469-04	Storage-Blank-SAMPLE	VX045094.D	28 Feb 2025 17:17		JC/MD	Ok
29	Q1403-03	Storage-Blank-WATER-	VX045095.D	28 Feb 2025 17:41		JC/MD	Ok
30	Q1462-01	MW2	VX045096.D	28 Feb 2025 18:04		JC/MD	Ok,NR
31	IBLK	IBLK	VX045097.D	28 Feb 2025 18:27		JC/MD	Ok
32	VSTDCCC050	VSTDCCC050EC	VX045098.D	28 Feb 2025 18:50		JC/MD	Ok,NR

M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 3/3/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:00
In Date: 02/28/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:00
Out Date: 03/01/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC: LB134861

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
Q1469-05	SVOC-GPC-BLANK	1	1.00	1.00	2.00	2.00	100.0	
Q1469-06	PEST-GPC-BLANK	2	1.00	1.00	2.00	2.00	100.0	
Q1469-07	PEST-GPC-BLANK-SPIKE	3	1.00	1.00	2.00	2.00	100.0	
Q1469-08	PCB-GPC-BLANK	4	1.00	1.00	2.00	2.00	100.0	
Q1469-09	PCB-GPC-BLANK-SPIKE	5	1.00	1.00	2.00	2.00	100.0	
Q1469-10	SVOC-GPC2-BLANK	6	1.00	1.00	2.00	2.00	100.0	
Q1469-11	PEST-GPC2-BLANK	7	1.00	1.00	2.00	2.00	100.0	
Q1469-12	PEST-GPC2-BLANK-SPIKE	8	1.00	1.00	2.00	2.00	100.0	
Q1469-13	PCB-GPC2-BLANK	9	1.00	1.00	2.00	2.00	100.0	
Q1469-14	PCB-GPC2-BLANK-SPIKE	10	1.00	1.00	2.00	2.00	100.0	
Q1470-01	1359-GAS	11	1.00	1.00	2.00	2.00	100.0	oil sample
Q1471-01	22225	12	1.13	8.80	9.93	7.22	69.2	

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

SHIPPING DOCUMENTS

#1

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: Q1469

COC Number:

CLIENT INFORMATION	PROJECT INFORMATION	BILLING INFORMATION
COMPANY: Alliance Technical Group	PROJECT NAME: Weekly Storage Blanks	BILL TO:Same PO#
ADDRESS: 284 Sheffield Street	PROJECT #: LOCATION:	ADDRESS:
CITY Mountainside STATE: NJ ZIP:07092	PROJECT MANAGER:	CITY: STATE: ZIP:
ATTENTION: QA Officer	E-MAIL:	ATTENTION: PHONE:
PHOI 908-789-8900 FAX:908-788-9222	PHONE: FAX:	

DATA TURNAROUND INFORMATION

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

DATA DELIVERABLE INFORMATION

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

ANALYSIS

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

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

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

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

RELINQUISHED BY SAMPLER	DATE/TIME	RECEIVED BY
1. Sam	02/24/25	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_____
MeOH extraction requires an additional 4oz. Jar for percent solid ☐ Ice in Cooler?:_____
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

#2

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: Q1469

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)
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- ☐ US EPA CLP (L4)
- ☐ NYS ASP "A" (L2)
- ☐ NYS ASP "B" (L4)
- ☐ Other_____
- ☐ EDD Format_____

ANALYSIS

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

PRESERVATIVES

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

COMMENTS

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

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# of Bottles	A/E 1	2	3	4	5	6	7	8	9
1.	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. John Doe		1.
RELINQUISHED BY	DATE/TIME	RECEIVED BY
2.		2.
RELINQUISHED BY	DATE/TIME	RECEIVED FOR LAB BY
3.		3.

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

Page 1 of 2

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

Shipment Complete
☐ YES ☐ NO

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

02/28

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