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

Cover Page

Order ID : Q2892

Project ID : BAPS 2000 Tonnelle Ave

Client : BAPS North Bergen Development Inc.

Lab Sample Number	Client Sample Number
Q2892-01	1-FLOOR-NORTH-EAST-CORNER-B
Q2892-02	1-FLOOR-NORTH-EAST-CORNER-B
Q2892-03	1-FLOOR-DRILL-B-BACK
Q2892-04	1-FLOOR-DRILL-B-BACK
Q2892-05	BACK-1-FLOOR-CENTER-MIDDLE-C
Q2892-06	BACK-1-FLOOR-CENTER-MIDDLE-C
Q2892-07	3-FLOOR-NORTH-D
Q2892-08	3-FLOOR-NORTH-D
Q2892-09	3-FLOOR-SOUTH-E
Q2892-10	3-FLOOR-SOUTH-E
Q2892-11	FRONT-1-FLOOR-F
Q2892-12	FRONT-1-FLOOR-F

I certify that the data package is in compliance with the terms and conditions of the contract,both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : _____

Date: 8/27/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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

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

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: **Q2892**

	Completed
For thorough review, the report must have the following:	
GENERAL:	
Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)	✓
Check chain-of-custody for proper relinquish/return of samples	✓
Is the chain of custody signed and complete	✓
Check internal chain-of-custody for proper relinquish/return of samples /sample extracts	✓
Collect information for each project id from server. Were all requirements followed	✓
COVER PAGE:	
Do numbers of samples correspond to the number of samples in the Chain of Custody on login page	✓
Do lab numbers and client Ids on cover page agree with the Chain of Custody	✓
CHAIN OF CUSTODY:	
Do requested analyses on Chain of Custody agree with form I results	✓
Do requested analyses on Chain of Custody agree with the log-in page	✓
Were the correct method log-in for analysis according to the Analytical Request and Chain of Castody	✓
Were the samples received within hold time	✓
Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle	✓
ANALYTICAL:	
Was method requirement followed?	✓
Was client requirement followed?	✓
Does the case narrative summarize all QC failure?	✓
All runlogs and manual integration are reviewed for requirements	✓
All manual calculations and /or hand notations verified	✓

QA Review Signature: **PRADIP PRAJAPATI** **Date:** **08/27/2025**

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

LAB CHRONICLE

OrderID:	Q2892	**OrderDate:**	8/15/2025 3:18:33 PM
Client:	BAPS North Bergen Development Inc.	**Project:**	BAPS 2000 Tonnelle Ave
Contact:	Jatinkuma Patel	**Location:**	D31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2892-01	**1-FLOOR-NORTH-EAST-CORNER-BACK-A**	**SOIL**			**08/15/25**			**08/15/25**
			VOC-TCLVOA-10	8260D			08/20/25	
Q2892-03	**1-FLOOR-DRILL-B-BACK**	**SOIL**			**08/15/25**			**08/15/25**
			VOC-TCLVOA-10	8260D			08/20/25	
Q2892-05	**BACK-1-FLOOR-CENTER-MIDDLE-C**	**SOIL**			**08/15/25**			**08/15/25**
			VOC-TCLVOA-10	8260D			08/20/25	
Q2892-07	**3-FLOOR-NORTH-D**	**SOIL**			**08/15/25**			**08/15/25**
			VOC-TCLVOA-10	8260D			08/20/25	
Q2892-09	**3-FLOOR-SOUTH-E**	**SOIL**			**08/15/25**			**08/15/25**
			VOC-TCLVOA-10	8260D			08/20/25	
Q2892-11	**FRONT-1-FLOOR-F**	**SOIL**			**08/15/25**			**08/15/25**
			VOC-TCLVOA-10	8260D			08/20/25	

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

Hit Summary Sheet
SW-846

SDG No.: Q2892

Client: BAPS North Bergen Development Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	**1-FLOOR-DRILL-B-BACK**							
Q2892-03	1-FLOOR-DRILL-I	SOIL	Acetone	23.3	J	6.10	32.4	ug/Kg
			Total Voc :	23.3				
			Total Concentration:	23.3				

QC SUMMARY

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

Surrogate Summary

SDG No.: Q2892

Client: BAPS North Bergen Development Inc.

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q2892-01	1-FLOOR-NORTH-EAST-CORNER-B/	1,2-Dichloroethane-d4	50	58.6	117		70 (63)	130 (155)
		Dibromofluoromethane	50	53.6	107		70 (70)	130 (134)
		Toluene-d8	50	52.0	104		70 (74)	130 (123)
		4-Bromofluorobenzene	50	42.8	86		70 (17)	130 (146)
Q2892-03	1-FLOOR-DRILL-B-BACK	1,2-Dichloroethane-d4	50	57.4	115		70 (63)	130 (155)
		Dibromofluoromethane	50	53.9	108		70 (70)	130 (134)
		Toluene-d8	50	51.7	103		70 (74)	130 (123)
		4-Bromofluorobenzene	50	44.0	88		70 (17)	130 (146)
Q2892-05	BACK-1-FLOOR-CENTER-MIDDLE-C	1,2-Dichloroethane-d4	50	58.6	117		70 (63)	130 (155)
		Dibromofluoromethane	50	55.0	110		70 (70)	130 (134)
		Toluene-d8	50	52.0	104		70 (74)	130 (123)
		4-Bromofluorobenzene	50	47.2	94		70 (17)	130 (146)
Q2892-07	3-FLOOR-NORTH-D	1,2-Dichloroethane-d4	50	57.0	114		70 (63)	130 (155)
		Dibromofluoromethane	50	52.8	106		70 (70)	130 (134)
		Toluene-d8	50	52.1	104		70 (74)	130 (123)
		4-Bromofluorobenzene	50	46.3	93		70 (17)	130 (146)
Q2892-09	3-FLOOR-SOUTH-E	1,2-Dichloroethane-d4	50	57.4	115		70 (63)	130 (155)
		Dibromofluoromethane	50	53.6	107		70 (70)	130 (134)
		Toluene-d8	50	51.9	104		70 (74)	130 (123)
		4-Bromofluorobenzene	50	46.7	93		70 (17)	130 (146)
Q2892-11	FRONT-1-FLOOR-F	1,2-Dichloroethane-d4	50	56.8	114		70 (63)	130 (155)
		Dibromofluoromethane	50	52.9	106		70 (70)	130 (134)
		Toluene-d8	50	51.6	103		70 (74)	130 (123)
		4-Bromofluorobenzene	50	45.9	92		70 (17)	130 (146)
VY0820SBL01	VY0820SBL01	1,2-Dichloroethane-d4	50	56.3	112		70 (63)	130 (155)
		Dibromofluoromethane	50	53.1	106		70 (70)	130 (134)
		Toluene-d8	50	51.9	104		70 (74)	130 (123)
		4-Bromofluorobenzene	50	46.8	94		70 (17)	130 (146)
VY0820SBS01	VY0820SBS01	1,2-Dichloroethane-d4	50	47.5	95		70 (63)	130 (155)
		Dibromofluoromethane	50	49.7	99		70 (70)	130 (134)
		Toluene-d8	50	49.7	99		70 (74)	130 (123)
		4-Bromofluorobenzene	50	47.6	95		70 (17)	130 (146)
VY0820SBSD01	VY0820SBSD01	1,2-Dichloroethane-d4	50	49.3	99		70 (63)	130 (155)
		Dibromofluoromethane	50	49.8	100		70 (70)	130 (134)
		Toluene-d8	50	50.6	101		70 (74)	130 (123)
		4-Bromofluorobenzene	50	48.8	98		70 (17)	130 (146)

( ) = LABORATORY INHOUSE LIMIT

( ) = LABORATORY INHOUSE LIMIT

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2892 **Analytical Method:** SW8260D

Client: BAPS North Bergen Development Inc. **Datafile :** VY023164.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VY0820SBS01	Dichlorodifluoromethane	20	21.1	ug/Kg	106			40 (64)	160 (136)	
	Chloromethane	20	21.6	ug/Kg	108			40 (52)	160 (151)	
	Vinyl chloride	20	21.8	ug/Kg	109			70 (56)	130 (148)	
	Bromomethane	20	24.6	ug/Kg	123			40 (58)	160 (141)	
	Chloroethane	20	22.1	ug/Kg	111			40 (69)	160 (130)	
	Trichlorofluoromethane	20	20.8	ug/Kg	104			40 (69)	160 (134)	
	1,1,2-Trichlorotrifluoroethane	20	21.0	ug/Kg	105			70 (81)	130 (123)	
	1,1-Dichloroethene	20	20.6	ug/Kg	103			70 (79)	130 (121)	
	Acetone	100	110	ug/Kg	110			40 (40)	160 (171)	
	Carbon disulfide	20	20.2	ug/Kg	101			40 (59)	160 (130)	
	Methyl tert-butyl Ether	20	18.6	ug/Kg	93			70 (77)	130 (129)	
	Methyl Acetate	20	18.7	ug/Kg	94			70 (69)	130 (149)	
	Methylene Chloride	20	19.7	ug/Kg	99			70 (72)	130 (131)	
	trans-1,2-Dichloroethene	20	20.4	ug/Kg	102			70 (80)	130 (123)	
	1,1-Dichloroethane	20	20.4	ug/Kg	102			70 (82)	130 (123)	
	Cyclohexane	20	18.9	ug/Kg	95			70 (76)	130 (122)	
	2-Butanone	100	99.9	ug/Kg	100			40 (69)	160 (131)	
	Carbon Tetrachloride	20	20.7	ug/Kg	104			70 (76)	130 (129)	
	cis-1,2-Dichloroethene	20	20.4	ug/Kg	102			70 (82)	130 (123)	
	Bromochloromethane	20	19.9	ug/Kg	100			70 (80)	130 (127)	
	Chloroform	20	21.0	ug/Kg	105			70 (82)	130 (125)	
	1,1,1-Trichloroethane	20	20.6	ug/Kg	103			70 (80)	130 (126)	
	Methylcyclohexane	20	18.9	ug/Kg	95			70 (77)	130 (123)	
	Benzene	20	20.7	ug/Kg	104			70 (84)	130 (121)	
	1,2-Dichloroethane	20	19.7	ug/Kg	99			70 (81)	130 (126)	
	Trichloroethene	20	21.3	ug/Kg	106			70 (83)	130 (122)	
	1,2-Dichloropropane	20	20.3	ug/Kg	102			70 (83)	130 (122)	
	Bromodichloromethane	20	20.4	ug/Kg	102			70 (82)	130 (123)	
	4-Methyl-2-Pentanone	100	89.4	ug/Kg	89			40 (70)	160 (135)	
	Toluene	20	20.5	ug/Kg	103			70 (83)	130 (122)	
	t-1,3-Dichloropropene	20	19.4	ug/Kg	97			70 (78)	130 (124)	
	cis-1,3-Dichloropropene	20	19.7	ug/Kg	99			70 (81)	130 (122)	
	1,1,2-Trichloroethane	20	20.5	ug/Kg	103			70 (82)	130 (125)	
	2-Hexanone	100	93.9	ug/Kg	94			40 (66)	160 (138)	
	Dibromochloromethane	20	20.2	ug/Kg	101			70 (79)	130 (125)	
	1,2-Dibromoethane	20	20.0	ug/Kg	100			70 (80)	130 (125)	
	Tetrachloroethene	20	22.5	ug/Kg	113			70 (83)	130 (125)	
	Chlorobenzene	20	20.3	ug/Kg	102			70 (84)	130 (122)	
	Ethyl Benzene	20	19.7	ug/Kg	99			70 (82)	130 (124)	
	m/p-Xylenes	40	40.3	ug/Kg	101			70 (83)	130 (124)	
	o-Xylene	20	19.5	ug/Kg	98			70 (83)	130 (123)	
	Styrene	20	20.1	ug/Kg	101			70 (82)	130 (124)	
	Bromoform	20	19.5	ug/Kg	98			70 (75)	130 (127)	
	Isopropylbenzene	20	19.4	ug/Kg	97			70 (82)	130 (124)	
	1,1,2,2-Tetrachloroethane	20	17.6	ug/Kg	88			70 (77)	130 (127)	
	1,3-Dichlorobenzene	20	20.4	ug/Kg	102			70 (83)	130 (122)	
	1,4-Dichlorobenzene	20	20.0	ug/Kg	100			70 (84)	130 (121)	
	1,2-Dichlorobenzene	20	19.7	ug/Kg	99			70 (83)	130 (124)	

( ) = LABORATORY INHOUSE LIMIT

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2892 **Analytical Method:** SW8260D

Client: BAPS North Bergen Development Inc. **Datafile :** VY023164.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VY0820SBS01	1,2-Dibromo-3-Chloropropane	20	17.5	ug/Kg	88			40 (66)	160 (134)	
	1,2,4-Trichlorobenzene	20	18.2	ug/Kg	91			70 (78)	130 (127)	
	1,2,3-Trichlorobenzene	20	18.3	ug/Kg	92			70 (70)	130 (137)	

( ) = LABORATORY INHOUSE LIMIT

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2892 **Analytical Method:** SW8260D

Client: BAPS North Bergen Development Inc. **Datafile :** VY023165.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VY0820SBSD01	Dichlorodifluoromethane	20	21.4	ug/Kg	107	1		40 (64)	160 (136)	30 (20)
	Chloromethane	20	21.3	ug/Kg	106	2		40 (52)	160 (151)	30 (20)
	Vinyl chloride	20	21.7	ug/Kg	109	0		70 (56)	130 (148)	30 (20)
	Bromomethane	20	24.0	ug/Kg	120	2		40 (58)	160 (141)	30 (20)
	Chloroethane	20	21.8	ug/Kg	109	2		40 (69)	160 (130)	30 (20)
	Trichlorofluoromethane	20	20.8	ug/Kg	104	0		40 (69)	160 (134)	30 (20)
	1,1,2-Trichlorotrifluoroethane	20	21.4	ug/Kg	107	2		70 (81)	130 (123)	30 (20)
	1,1-Dichloroethene	20	20.3	ug/Kg	102	1		70 (79)	130 (121)	30 (20)
	Acetone	100	100	ug/Kg	100	10		40 (40)	160 (171)	30 (20)
	Carbon disulfide	20	20.3	ug/Kg	102	1		40 (59)	160 (130)	30 (20)
	Methyl tert-butyl Ether	20	18.5	ug/Kg	93	0		70 (77)	130 (129)	30 (20)
	Methyl Acetate	20	17.7	ug/Kg	89	5		70 (69)	130 (149)	30 (20)
	Methylene Chloride	20	19.6	ug/Kg	98	1		70 (72)	130 (131)	30 (20)
	trans-1,2-Dichloroethene	20	20.5	ug/Kg	103	1		70 (80)	130 (123)	30 (20)
	1,1-Dichloroethane	20	20.3	ug/Kg	102	0		70 (82)	130 (123)	30 (20)
	Cyclohexane	20	19.2	ug/Kg	96	1		70 (76)	130 (122)	30 (20)
	2-Butanone	100	98.0	ug/Kg	98	2		40 (69)	160 (131)	30 (20)
	Carbon Tetrachloride	20	20.3	ug/Kg	102	2		70 (76)	130 (129)	30 (20)
	cis-1,2-Dichloroethene	20	20.5	ug/Kg	103	1		70 (82)	130 (123)	30 (20)
	Bromochloromethane	20	20.1	ug/Kg	101	1		70 (80)	130 (127)	30 (20)
	Chloroform	20	20.9	ug/Kg	104	1		70 (82)	130 (125)	30 (20)
	1,1,1-Trichloroethane	20	20.7	ug/Kg	104	1		70 (80)	130 (126)	30 (20)
	Methylcyclohexane	20	19.3	ug/Kg	97	2		70 (77)	130 (123)	30 (20)
	Benzene	20	20.5	ug/Kg	103	1		70 (84)	130 (121)	30 (20)
	1,2-Dichloroethane	20	19.8	ug/Kg	99	0		70 (81)	130 (126)	30 (20)
	Trichloroethene	20	21.3	ug/Kg	106	0		70 (83)	130 (122)	30 (20)
	1,2-Dichloropropane	20	20.4	ug/Kg	102	0		70 (83)	130 (122)	30 (20)
	Bromodichloromethane	20	20.3	ug/Kg	102	0		70 (82)	130 (123)	30 (20)
	4-Methyl-2-Pentanone	100	88.2	ug/Kg	88	1		40 (70)	160 (135)	30 (20)
	Toluene	20	20.3	ug/Kg	102	1		70 (83)	130 (122)	30 (20)
	t-1,3-Dichloropropene	20	18.9	ug/Kg	95	2		70 (78)	130 (124)	30 (20)
	cis-1,3-Dichloropropene	20	19.5	ug/Kg	98	1		70 (81)	130 (122)	30 (20)
	1,1,2-Trichloroethane	20	19.8	ug/Kg	99	4		70 (82)	130 (125)	30 (20)
	2-Hexanone	100	90.9	ug/Kg	91	3		40 (66)	160 (138)	30 (20)
	Dibromochloromethane	20	20.2	ug/Kg	101	0		70 (79)	130 (125)	30 (20)
	1,2-Dibromoethane	20	19.9	ug/Kg	100	0		70 (80)	130 (125)	30 (20)
	Tetrachloroethene	20	22.9	ug/Kg	115	2		70 (83)	130 (125)	30 (20)
	Chlorobenzene	20	20.7	ug/Kg	104	2		70 (84)	130 (122)	30 (20)
	Ethyl Benzene	20	20.0	ug/Kg	100	1		70 (82)	130 (124)	30 (20)
	m/p-Xylenes	40	40.6	ug/Kg	102	1		70 (83)	130 (124)	30 (20)
	o-Xylene	20	19.9	ug/Kg	100	2		70 (83)	130 (123)	30 (20)
	Styrene	20	20.1	ug/Kg	101	0		70 (82)	130 (124)	30 (20)
	Bromoform	20	19.5	ug/Kg	98	0		70 (75)	130 (127)	30 (20)
	Isopropylbenzene	20	19.8	ug/Kg	99	2		70 (82)	130 (124)	30 (20)
	1,1,2,2-Tetrachloroethane	20	18.0	ug/Kg	90	2		70 (77)	130 (127)	30 (20)
	1,3-Dichlorobenzene	20	20.5	ug/Kg	103	1		70 (83)	130 (122)	30 (20)
	1,4-Dichlorobenzene	20	20.4	ug/Kg	102	2		70 (84)	130 (121)	30 (20)
	1,2-Dichlorobenzene	20	20.3	ug/Kg	102	3		70 (83)	130 (124)	30 (20)

( ) = LABORATORY INHOUSE LIMIT

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2892 **Analytical Method:** SW8260D

Client: BAPS North Bergen Development Inc. **Datafile :** VY023165.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VY0820SBSD01	1,2-Dibromo-3-Chloropropane	20	18.3	ug/Kg	92	4		40 (66)	160 (134)	30 (20)
	1,2,4-Trichlorobenzene	20	19.0	ug/Kg	95	4		70 (78)	130 (127)	30 (20)
	1,2,3-Trichlorobenzene	20	18.7	ug/Kg	94	2		70 (70)	130 (137)	30 (20)

( ) = LABORATORY INHOUSE LIMIT

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

VOLATILE METHOD BLANK SUMMARY

Client ID: VY0820SBL01

Lab Name: Alliance Contract: BAPS03

Lab Code: ACE SDG NO.: Q2892

Lab File ID: VY023163.D Lab Sample ID: VY0820SBL01

Date Analyzed: 08/20/2025 Time Analyzed: 09:55

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

Instrument ID: MSVOA_Y

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VY0820SBS01	VY0820SBS01	VY023164.D	08/20/2025
VY0820SBSD01	VY0820SBSD01	VY023165.D	08/20/2025
1-FLOOR-NORTH-EAST-CORNER-BACK-A	Q2892-01	VY023174.D	08/20/2025
1-FLOOR-DRILL-B-BACK	Q2892-03	VY023175.D	08/20/2025
BACK-1-FLOOR-CENTER-MIDDLE-C	Q2892-05	VY023176.D	08/20/2025
3-FLOOR-NORTH-D	Q2892-07	VY023177.D	08/20/2025
3-FLOOR-SOUTH-E	Q2892-09	VY023178.D	08/20/2025
FRONT-1-FLOOR-F	Q2892-11	VY023179.D	08/20/2025

COMMENTS:

Raw Data: **VY023048.D**

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

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: BAPS03
Lab Code: ACE
SDG NO.: Q2892
Lab File ID: VY023048.D
BFB Injection Date: 08/12/2025
Instrument ID: MSVOA_Y
BFB Injection Time: 08:26
GC Column: RXI-624 ID: 0.25 (mm)
Heated Purge: Y/N Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	19.2
75	30.0 - 60.0% of mass 95	51.9
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	0.9 (1.1) 1
174	50.0 - 100.0% of mass 95	83.2
175	5.0 - 9.0% of mass 174	6.3 (7.6) 1
176	95.0 - 101.0% of mass 174	80.9 (97.2) 1
177	5.0 - 9.0% of mass 176	5.1 (6.4) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC005	VSTDICC005	VY023050.D	08/12/2025	14:54
VSTDICC010	VSTDICC010	VY023051.D	08/12/2025	15:17
VSTDICC020	VSTDICC020	VY023052.D	08/12/2025	15:40
VSTDICCC050	VSTDICCC050	VY023053.D	08/12/2025	16:02
VSTDICC100	VSTDICC100	VY023054.D	08/12/2025	16:25
VSTDICC150	VSTDICC150	VY023055.D	08/12/2025	16:47

Raw Data: **VY023161.D**

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

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: BAPS03

Lab Code: ACE | SDG NO.: Q2892

Lab File ID: VY023161.D | BFB Injection Date: 08/20/2025

Instrument ID: MSVOA_Y | BFB Injection Time: 07:55

GC Column: RXI-624 ID: 0.25 (mm) | Heated Purge: Y/N Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	19.2
75	30.0 - 60.0% of mass 95	51.7
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	1.2 (1.3) 1
174	50.0 - 100.0% of mass 95	89.3
175	5.0 - 9.0% of mass 174	6.6 (7.4) 1
176	95.0 - 101.0% of mass 174	84.8 (95.1) 1
177	5.0 - 9.0% of mass 176	5.6 (6.6) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VY023162.D	08/20/2025	09:26
VY0820SBL01	VY0820SBL01	VY023163.D	08/20/2025	09:55
VY0820SBS01	VY0820SBS01	VY023164.D	08/20/2025	10:24
VY0820SBSD01	VY0820SBSD01	VY023165.D	08/20/2025	10:47
1-FLOOR-NORTH-EAST-CORNER-BACK-A	Q2892-01	VY023174.D	08/20/2025	14:35
1-FLOOR-DRILL-B-BACK	Q2892-03	VY023175.D	08/20/2025	14:58
BACK-1-FLOOR-CENTER-MIDDLE-C	Q2892-05	VY023176.D	08/20/2025	15:21
3-FLOOR-NORTH-D	Q2892-07	VY023177.D	08/20/2025	15:45
3-FLOOR-SOUTH-E	Q2892-09	VY023178.D	08/20/2025	16:08
FRONT-1-FLOOR-F	Q2892-11	VY023179.D	08/20/2025	16:32

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

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: BAPS03

Lab Code: ACE SDG NO.: Q2892

Lab File ID: VY023162.D Date Analyzed: 08/20/2025

Instrument ID: MSVOA_Y Time Analyzed: 09:26

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	494314	7.71	753839	8.62	669405	11.41
UPPER LIMIT	988628	8.213	1507680	9.116	1338810	11.914
LOWER LIMIT	247157	7.213	376920	8.116	334703	10.914
EPA SAMPLE NO.						
1-FLOOR-NORTH-EAST-CORNER-BACK	490467	7.71	929671	8.62	806534	11.41
1-FLOOR-DRILL-B-BACK	500283	7.71	945353	8.62	831619	11.41
BACK-1-FLOOR-CENTER-MIDDLE-C	501346	7.71	951773	8.62	866589	11.41
3-FLOOR-NORTH-D	496959	7.71	948133	8.62	845587	11.41
3-FLOOR-SOUTH-E	494911	7.71	934233	8.62	840073	11.41
FRONT-1-FLOOR-F	486603	7.71	905782	8.62	805970	11.41
VY0820SBL01	578816	7.71	1083634	8.62	970907	11.42
VY0820SBS01	459555	7.71	730484	8.62	640306	11.41
VY0820SBSD01	458691	7.71	735089	8.62	636567	11.41

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.

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

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: BAPS03

Lab Code: ACE SDG NO.: Q2892

Lab File ID: VY023162.D Date Analyzed: 08/20/2025

Instrument ID: MSVOA_Y Time Analyzed: 09:26

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS4 AREA #	RT #				
12 HOUR STD	347499	13.347				
UPPER LIMIT	694998	13.847				
LOWER LIMIT	173750	12.847				
EPA SAMPLE NO.						
1-FLOOR-NORTH-EAST-CORNER-BAC	285220	13.35				
1-FLOOR-DRILL-B-BACK	308457	13.34				
BACK-1-FLOOR-CENTER-MIDDLE-C	347720	13.35				
3-FLOOR-NORTH-D	329619	13.34				
3-FLOOR-SOUTH-E	335210	13.35				
FRONT-1-FLOOR-F	312976	13.35				
VY0820SBL01	382880	13.35				
VY0820SBS01	323804	13.35				
VY0820SBSD01	318462	13.34				

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

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

Report of Analysis

Client:	BAPS North Bergen Development Inc.	Date Collected:	08/15/25
Project:	BAPS 2000 Tonnelle Ave	Date Received:	08/15/25
Client Sample ID:	1-FLOOR-NORTH-EAST-CORNER-BACK-A	SDG No.:	Q2892
Lab Sample ID:	Q2892-01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	89.8
Sample Wt/Vol:	5.92 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023174.D	1	08/20/25 14:35	VY082025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.10	U	1.10	4.70	ug/Kg
74-87-3	Chloromethane	1.10	U	1.10	4.70	ug/Kg
75-01-4	Vinyl Chloride	0.74	U	0.74	4.70	ug/Kg
74-83-9	Bromomethane	1.00	U	1.00	4.70	ug/Kg
75-00-3	Chloroethane	1.20	U	1.20	4.70	ug/Kg
75-69-4	Trichlorofluoromethane	1.10	U	1.10	4.70	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.00	U	1.00	4.70	ug/Kg
75-35-4	1,1-Dichloroethene	0.94	U	0.94	4.70	ug/Kg
67-64-1	Acetone	4.50	U	4.50	23.5	ug/Kg
75-15-0	Carbon Disulfide	1.00	U	1.00	4.70	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.69	U	0.69	4.70	ug/Kg
79-20-9	Methyl Acetate	1.40	U	1.40	4.70	ug/Kg
75-09-2	Methylene Chloride	3.30	U	3.30	9.40	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.81	U	0.81	4.70	ug/Kg
75-34-3	1,1-Dichloroethane	0.75	U	0.75	4.70	ug/Kg
110-82-7	Cyclohexane	0.74	U	0.74	4.70	ug/Kg
78-93-3	2-Butanone	6.20	U	6.20	23.5	ug/Kg
56-23-5	Carbon Tetrachloride	0.91	U	0.91	4.70	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.71	U	0.71	4.70	ug/Kg
74-97-5	Bromochloromethane	1.10	U	1.10	4.70	ug/Kg
67-66-3	Chloroform	0.79	U	0.79	4.70	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.87	U	0.87	4.70	ug/Kg
108-87-2	Methylcyclohexane	0.86	U	0.86	4.70	ug/Kg
71-43-2	Benzene	0.74	U	0.74	4.70	ug/Kg
107-06-2	1,2-Dichloroethane	0.74	U	0.74	4.70	ug/Kg
79-01-6	Trichloroethene	0.76	U	0.76	4.70	ug/Kg
78-87-5	1,2-Dichloropropane	0.86	U	0.86	4.70	ug/Kg
75-27-4	Bromodichloromethane	0.73	U	0.73	4.70	ug/Kg
108-10-1	4-Methyl-2-Pentanone	3.40	U	3.40	23.5	ug/Kg
108-88-3	Toluene	0.73	U	0.73	4.70	ug/Kg

Raw Data: **VY023174.D**

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

Report of Analysis

Client:	BAPS North Bergen Development Inc.	Date Collected:	08/15/25
Project:	BAPS 2000 Tonnelle Ave	Date Received:	08/15/25
Client Sample ID:	1-FLOOR-NORTH-EAST-CORNER-BACK-A	SDG No.:	Q2892
Lab Sample ID:	Q2892-01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	89.8
Sample Wt/Vol:	5.92 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023174.D	1	08/20/25 14:35	VY082025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.61	U	0.61	4.70	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.58	U	0.58	4.70	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.87	U	0.87	4.70	ug/Kg
591-78-6	2-Hexanone	3.50	U	3.50	23.5	ug/Kg
124-48-1	Dibromochloromethane	0.82	U	0.82	4.70	ug/Kg
106-93-4	1,2-Dibromoethane	0.83	U	0.83	4.70	ug/Kg
127-18-4	Tetrachloroethene	0.99	U	0.99	4.70	ug/Kg
108-90-7	Chlorobenzene	0.86	U	0.86	4.70	ug/Kg
100-41-4	Ethyl Benzene	0.63	U	0.63	4.70	ug/Kg
179601-23-1	m/p-Xylenes	1.20	U	1.20	9.40	ug/Kg
95-47-6	o-Xylene	0.77	U	0.77	4.70	ug/Kg
100-42-5	Styrene	0.67	U	0.67	4.70	ug/Kg
75-25-2	Bromoform	0.81	U	0.81	4.70	ug/Kg
98-82-8	Isopropylbenzene	0.73	U	0.73	4.70	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.10	U	1.10	4.70	ug/Kg
541-73-1	1,3-Dichlorobenzene	1.60	U	1.60	4.70	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.50	U	1.50	4.70	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.40	U	1.40	4.70	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.70	U	1.70	4.70	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	2.80	U	2.80	4.70	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	3.00	U	3.00	4.70	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	58.6		70 (63) - 130 (155)	117%	SPK: 50
1868-53-7	Dibromofluoromethane	53.6		70 (70) - 130 (134)	107%	SPK: 50
2037-26-5	Toluene-d8	52.0		70 (74) - 130 (123)	104%	SPK: 50
460-00-4	4-Bromofluorobenzene	42.8		70 (17) - 130 (146)	86%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	490000	7.713			
540-36-3	1,4-Difluorobenzene	930000	8.616			
3114-55-4	Chlorobenzene-d5	807000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	285000	13.347			

Raw Data: **VY023174.D**

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

Report of Analysis

Client:	BAPS North Bergen Development Inc.	Date Collected:	08/15/25
Project:	BAPS 2000 Tonnelle Ave	Date Received:	08/15/25
Client Sample ID:	1-FLOOR-NORTH-EAST-CORNER-BACK-A	SDG No.:	Q2892
Lab Sample ID:	Q2892-01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	89.8
Sample Wt/Vol:	5.92 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023174.D	1	08/20/25 14:35	VY082025

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_Y\Data\VY082025\
Data File : VY023174.D
Acq On : 20 Aug 2025 14:35
Operator : SY/MD
Sample : Q2892-01
Misc : 5.92g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
1-FLOOR-NORTH-EAST-CORNER-BACK-A

Quant Time: Aug 21 01:39:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 02:10:11 2025
Response via : Initial Calibration

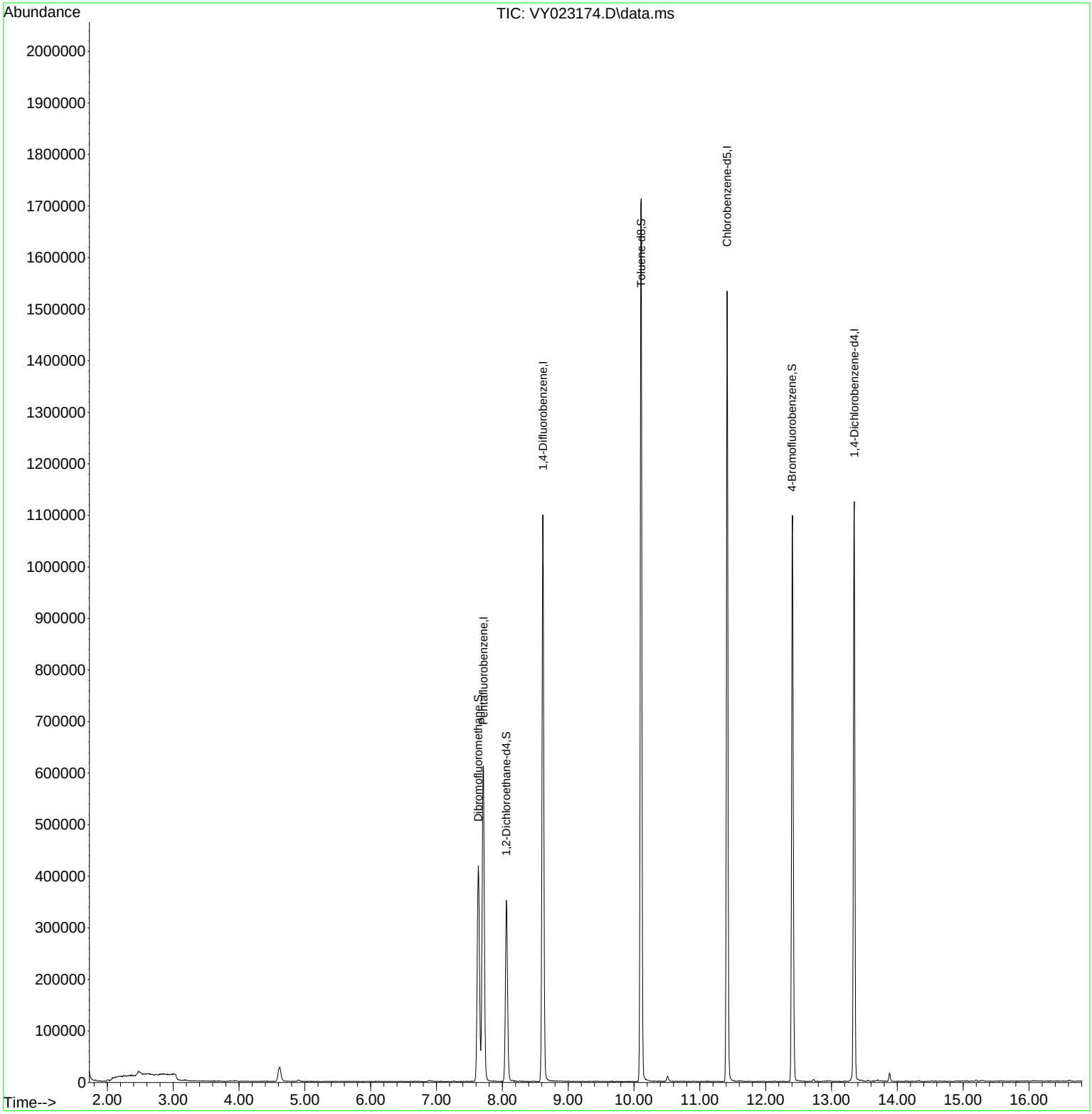
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	490467	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	929671	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	806534	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	285220	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	273887	58.592	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 117.180%			
35) Dibromofluoromethane	7.634	113	298245	53.614	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.220%			
50) Toluene-d8	10.109	98	1130025	51.999	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 104.000%			
62) 4-Bromofluorobenzene	12.402	95	299162	42.805	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 85.620%			
Target Compounds						Qvalue

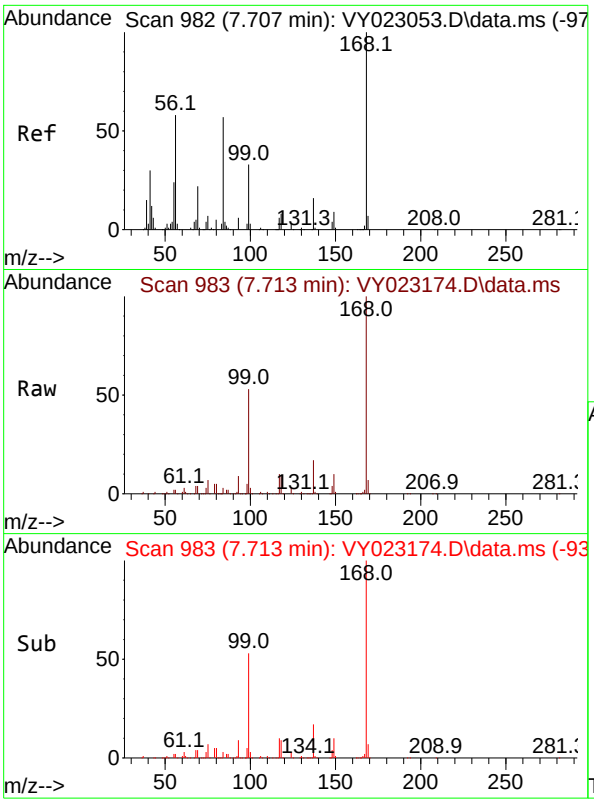
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082025\
Data File : VY023174.D
Acq On : 20 Aug 2025 14:35
Operator : SY/MD
Sample : Q2892-01
Misc : 5.92g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
1-FLOOR-NORTH-EAST-CORNER-BACK-A

Quant Time: Aug 21 01:39:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 02:10:11 2025
Response via : Initial Calibration



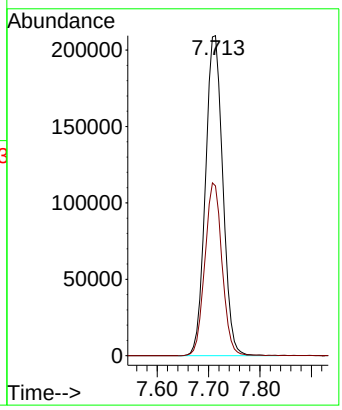


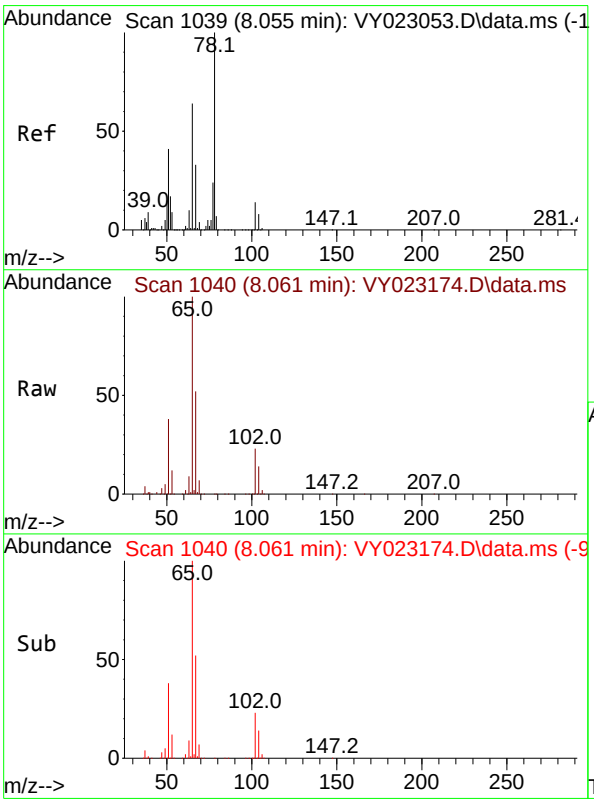
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY023174.D
Acq: 20 Aug 2025 14:35

Instrument :
MSVOA_Y
ClientSampleId :
1-FLOOR-NORTH-EAST-CORNER-BACK-A

Tgt Ion:168 Resp: 490467

Ion	Ratio	Lower	Upper
168	100		
99	53.0	42.8	64.2

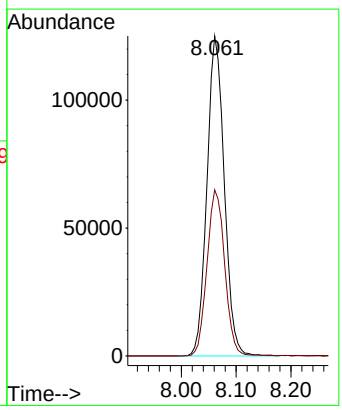


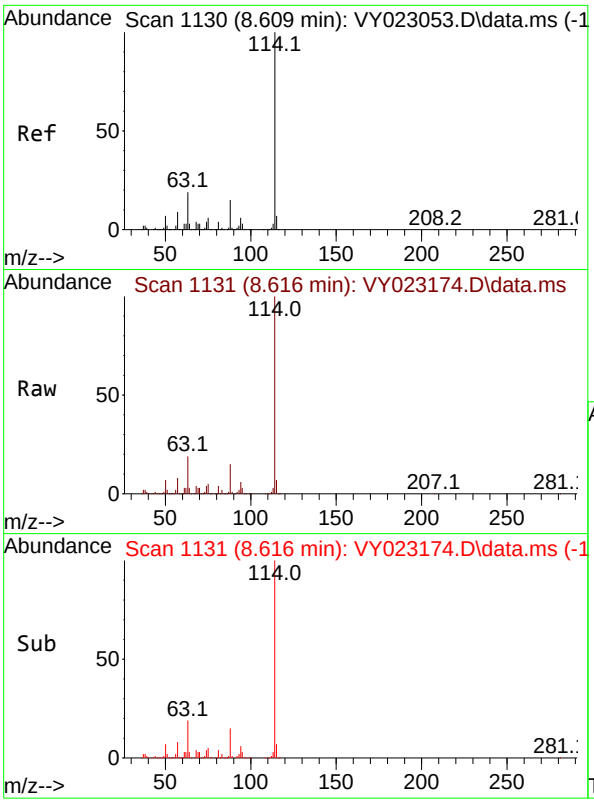


#33
1,2-Dichloroethane-d4
Concen: 58.592 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY023174.D
Acq: 20 Aug 2025 14:35

Tgt Ion: 65 Resp: 273887

Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	106.8



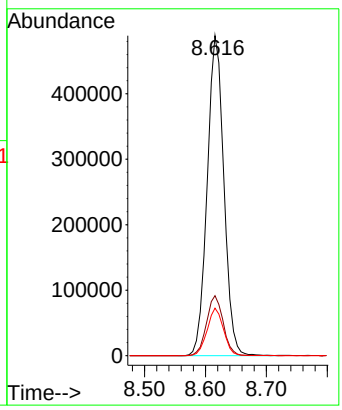


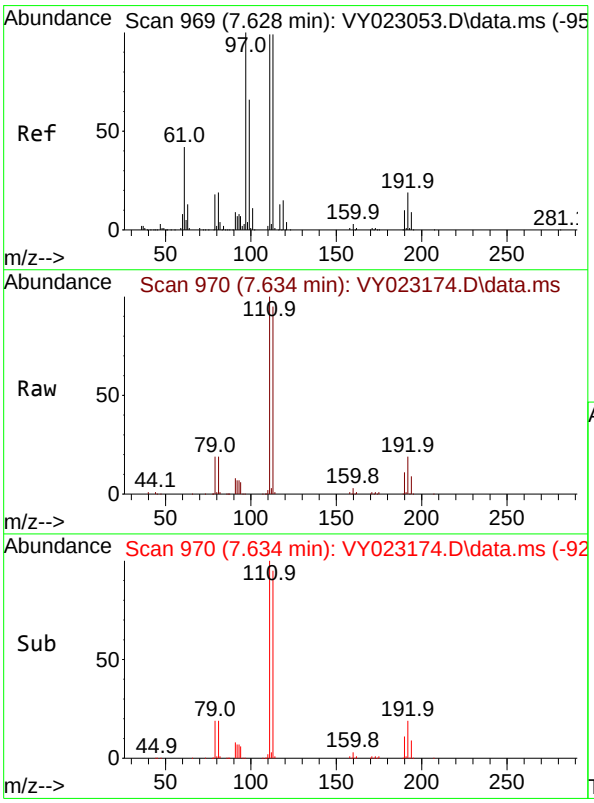
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023174.D
Acq: 20 Aug 2025 14:35

Instrument :
MSVOA_Y
ClientSampleId :
1-FLOOR-NORTH-EAST-CORNER-BACK-A

Tgt Ion:114 Resp: 929671

Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	38.4
88	14.8	0.0	30.0

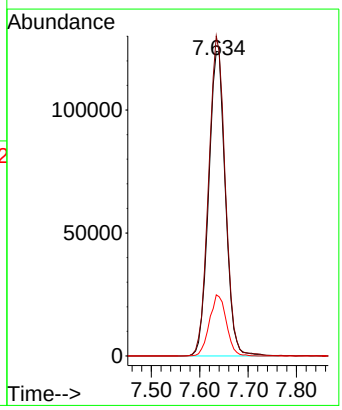


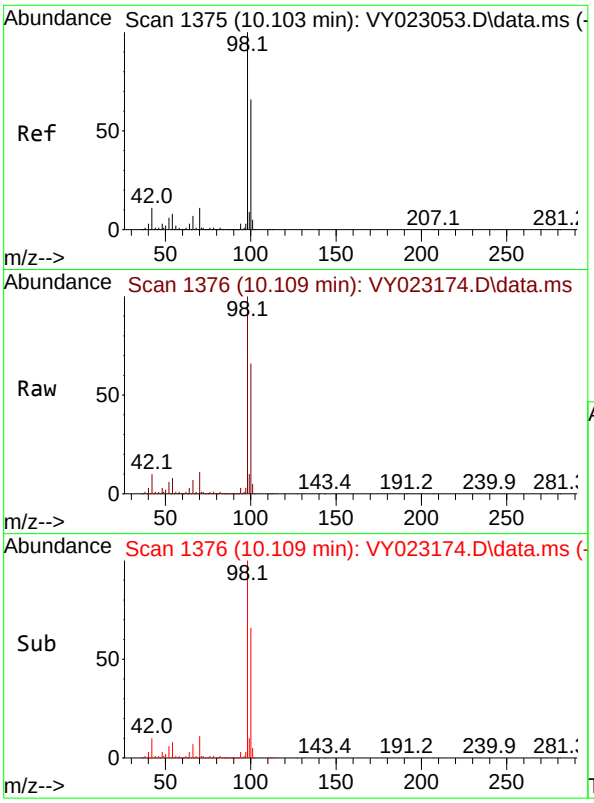


#35
Dibromofluoromethane
Concen: 53.614 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.006 min
Lab File: VY023174.D
Acq: 20 Aug 2025 14:35

Tgt Ion:113 Resp: 298245

Ion	Ratio	Lower	Upper
113	100		
111	104.6	81.1	121.7
192	20.3	16.2	24.4



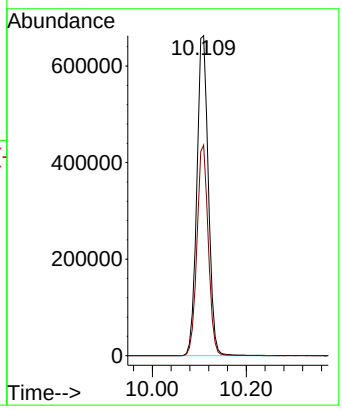


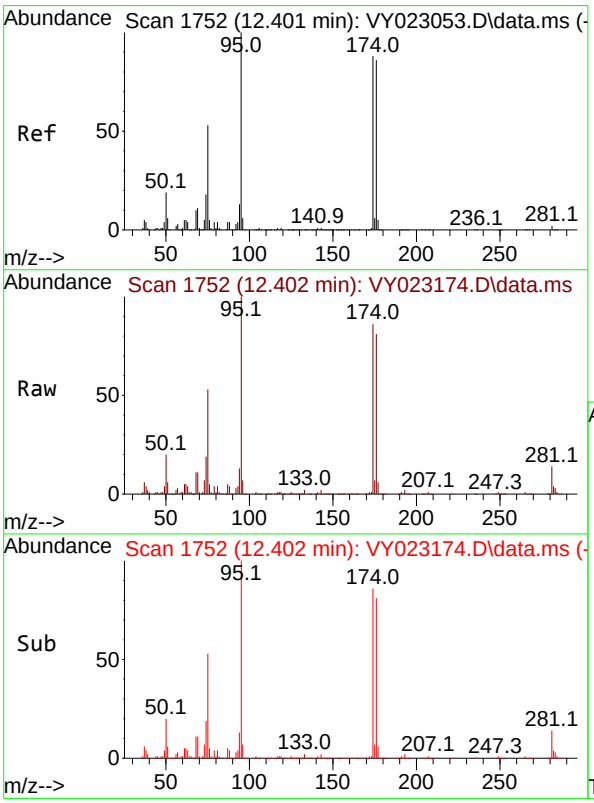
#50
Toluene-d8
Concen: 51.999 ug/l
RT: 10.109 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023174.D
Acq: 20 Aug 2025 14:35

Instrument :
MSVOA_Y
ClientSampleId :
1-FLOOR-NORTH-EAST-CORNER-BACK-A

Tgt Ion: 98 Resp: 1130025

Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.3	78.5

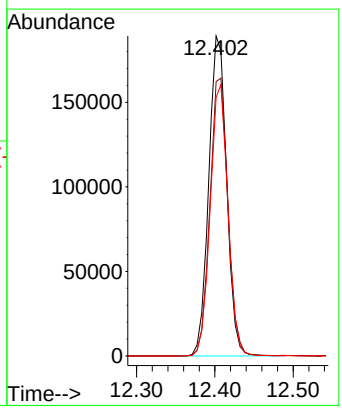


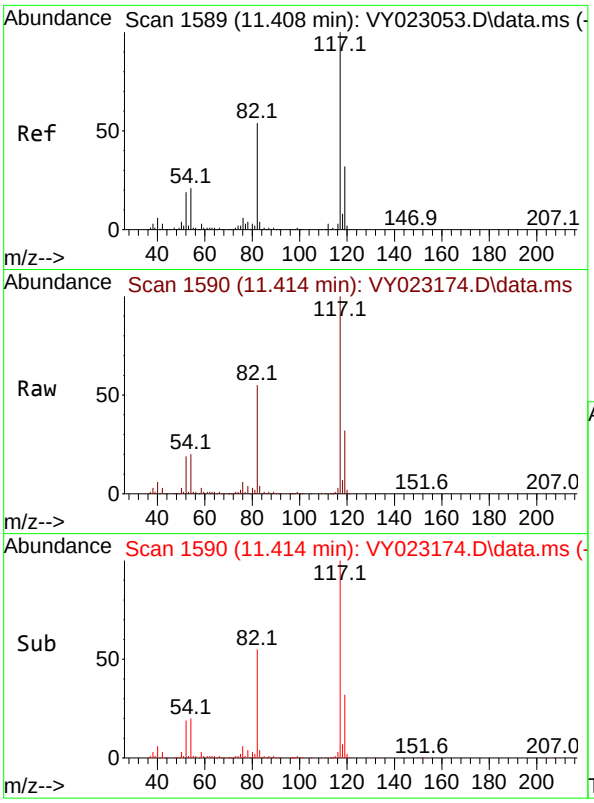


#62
4-Bromofluorobenzene
Concen: 42.805 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY023174.D
Acq: 20 Aug 2025 14:35

Tgt Ion: 95 Resp: 299162

Ion	Ratio	Lower	Upper
95	100		
174	87.9	0.0	171.6
176	84.2	0.0	167.6



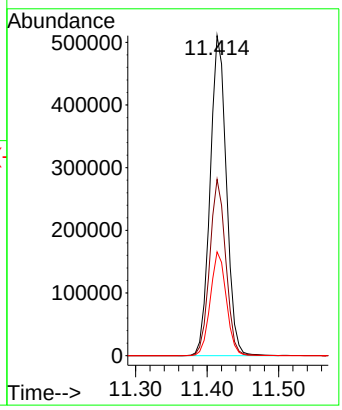


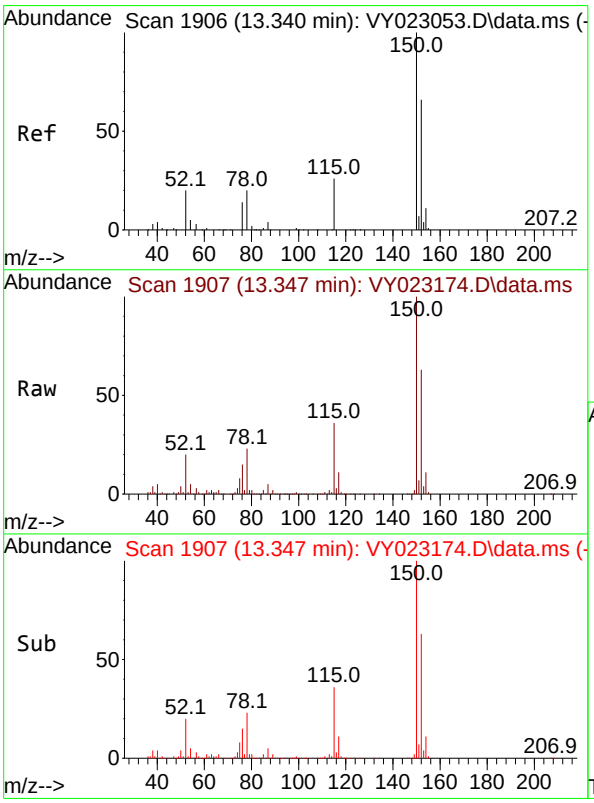
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023174.D
Acq: 20 Aug 2025 14:35

Instrument :
MSVOA_Y
ClientSampleId :
1-FLOOR-NORTH-EAST-CORNER-BACK-A

Tgt Ion:117 Resp: 806534

Ion	Ratio	Lower	Upper
117	100		
82	55.1	43.4	65.0
119	32.5	25.6	38.4

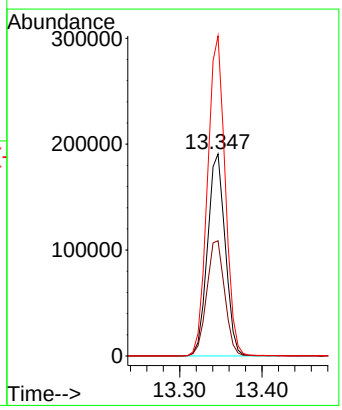




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VY023174.D
Acq: 20 Aug 2025 14:35

Tgt Ion:152 Resp: 285220

Ion	Ratio	Lower	Upper
152	100		
115	58.1	28.2	84.6
150	158.1	0.0	348.0



Sample Results: **VY023174.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082025\
Data File : VY023174.D
Acq On : 20 Aug 2025 14:35
Operator : SY/MD
Sample : Q2892-01
Misc : 5.92g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
1-FLOOR-NORTH-EAST-CORNER-BACK-A

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Title : SW846 8260

Signal : TIC: VY023174.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.616	461	475	488	rBV2	27592	89294	3.04%	0.618%
2	7.634	957	970	976	rBV	417941	998812	34.04%	6.914%
3	7.707	976	982	997	rVB	610596	1427677	48.66%	9.883%
4	8.061	1031	1040	1052	rBV	351728	778444	26.53%	5.389%
5	8.616	1122	1131	1143	rBV	1099174	2105262	71.75%	14.573%
6	10.109	1368	1376	1387	rBV	1711990	2934113	100.00%	20.311%
7	11.414	1582	1590	1605	rBV	1533361	2427975	82.75%	16.807%
8	12.408	1745	1753	1765	rBV2	1097409	1946171	66.33%	13.472%
9	13.347	1893	1907	1921	rBV	1124830	1738153	59.24%	12.032%

Sum of corrected areas: 14445901

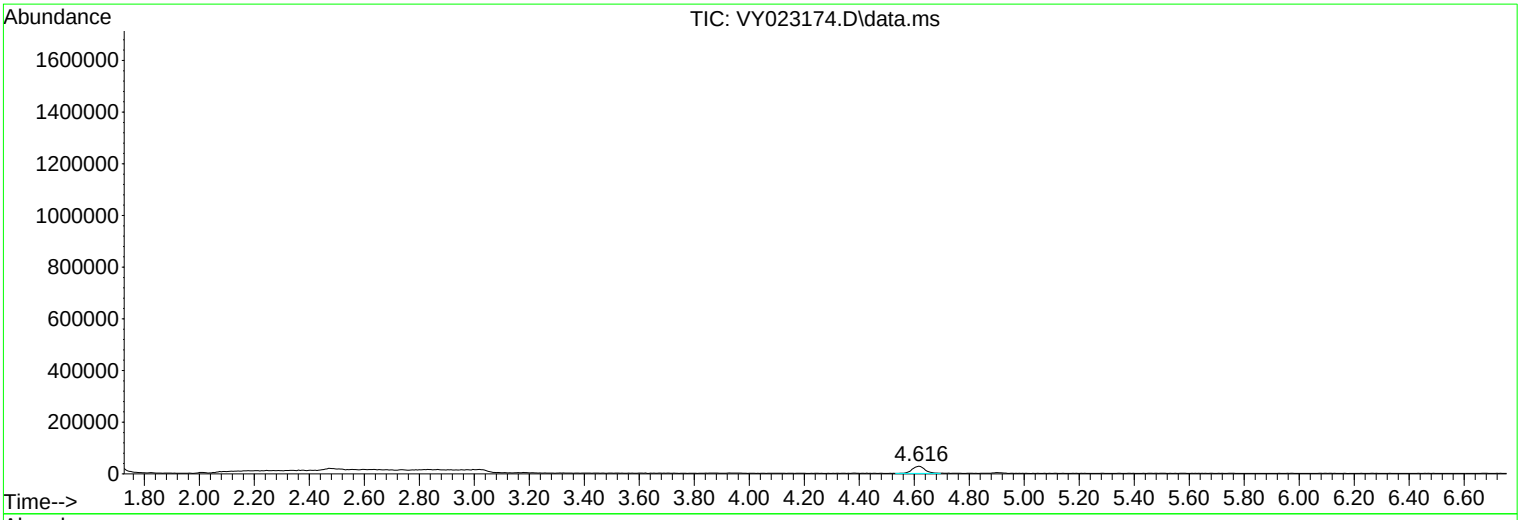
Sample Results: **VY023174.D**

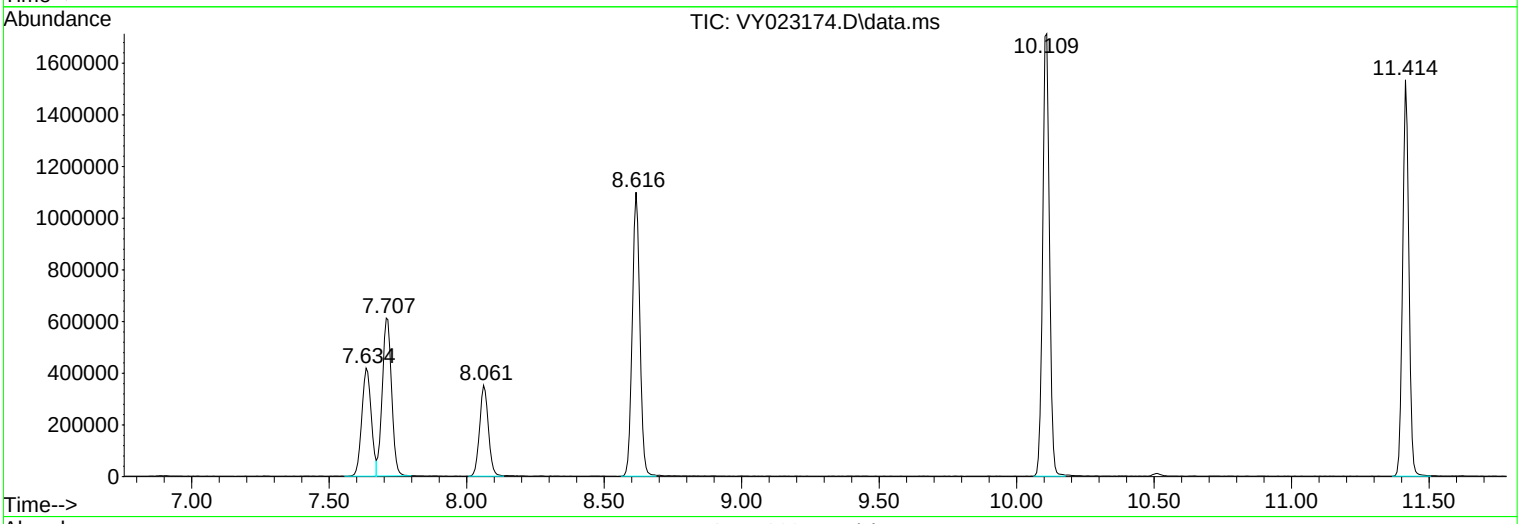
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082025\
Data File : VY023174.D
Acq On : 20 Aug 2025 14:35
Operator : SY/MD
Sample : Q2892-01
Misc : 5.92g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

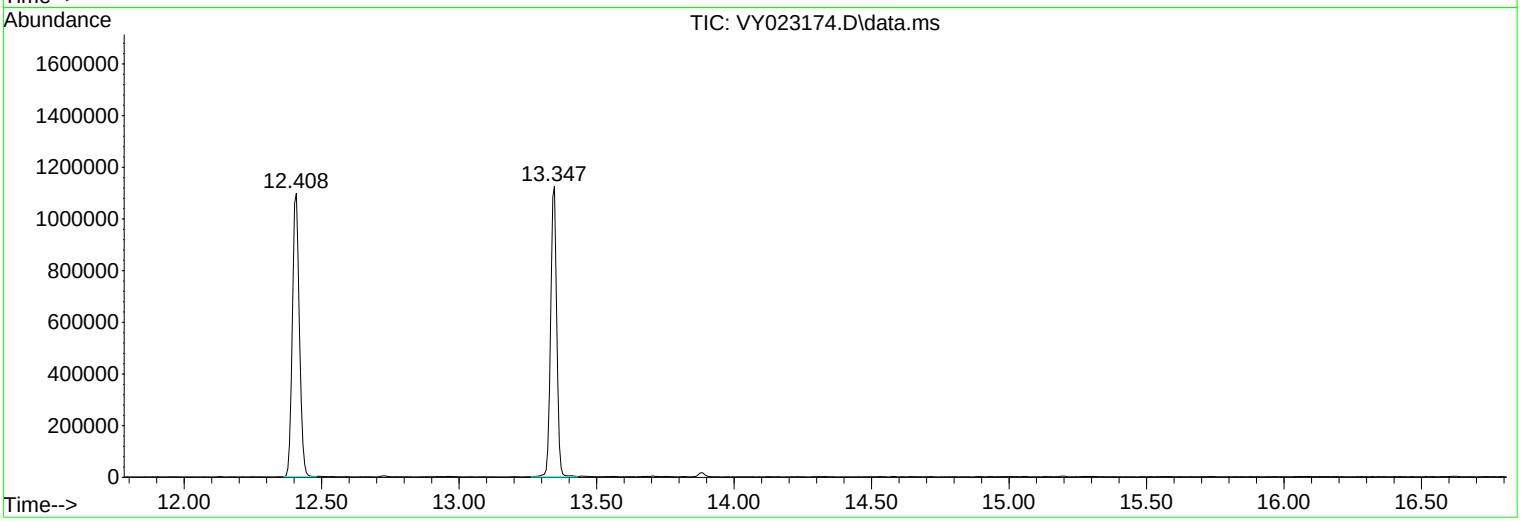
Instrument :
MSVOA_Y
ClientSampleId :
1-FLOOR-NORTH-EAST-CORNER-BACK-A

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







Library Search Compound Report

Sample Results: **VY023174.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082025\
Data File : VY023174.D
Acq On : 20 Aug 2025 14:35
Operator : SY/MD
Sample : Q2892-01
Misc : 5.92g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
1-FLOOR-NORTH-EAST-CORNER-BACK-A

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082025\
Data File : VY023174.D
Acq On : 20 Aug 2025 14:35
Operator : SY/MD
Sample : Q2892-01
Misc : 5.92g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
1-FLOOR-NORTH-EAST-CORNER-BACK-A

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Raw Data: **VY023175.D**

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

Report of Analysis

Client:	BAPS North Bergen Development Inc.	Date Collected:	08/15/25
Project:	BAPS 2000 Tonnelle Ave	Date Received:	08/15/25
Client Sample ID:	1-FLOOR-DRILL-B-BACK	SDG No.:	Q2892
Lab Sample ID:	Q2892-03	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	89.6
Sample Wt/Vol:	4.31 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023175.D	1	08/20/25 14:58	VY082025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.50	U	1.50	6.50	ug/Kg
74-87-3	Chloromethane	1.50	U	1.50	6.50	ug/Kg
75-01-4	Vinyl Chloride	1.00	U	1.00	6.50	ug/Kg
74-83-9	Bromomethane	1.40	U	1.40	6.50	ug/Kg
75-00-3	Chloroethane	1.60	U	1.60	6.50	ug/Kg
75-69-4	Trichlorofluoromethane	1.60	U	1.60	6.50	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.40	U	1.40	6.50	ug/Kg
75-35-4	1,1-Dichloroethene	1.30	U	1.30	6.50	ug/Kg
67-64-1	Acetone	23.3	J	6.10	32.4	ug/Kg
75-15-0	Carbon Disulfide	1.40	U	1.40	6.50	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.95	U	0.95	6.50	ug/Kg
79-20-9	Methyl Acetate	2.00	U	2.00	6.50	ug/Kg
75-09-2	Methylene Chloride	4.60	U	4.60	12.9	ug/Kg
156-60-5	trans-1,2-Dichloroethene	1.10	U	1.10	6.50	ug/Kg
75-34-3	1,1-Dichloroethane	1.00	U	1.00	6.50	ug/Kg
110-82-7	Cyclohexane	1.00	U	1.00	6.50	ug/Kg
78-93-3	2-Butanone	8.50	U	8.50	32.4	ug/Kg
56-23-5	Carbon Tetrachloride	1.30	U	1.30	6.50	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.97	U	0.97	6.50	ug/Kg
74-97-5	Bromochloromethane	1.50	U	1.50	6.50	ug/Kg
67-66-3	Chloroform	1.10	U	1.10	6.50	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.20	U	1.20	6.50	ug/Kg
108-87-2	Methylcyclohexane	1.20	U	1.20	6.50	ug/Kg
71-43-2	Benzene	1.00	U	1.00	6.50	ug/Kg
107-06-2	1,2-Dichloroethane	1.00	U	1.00	6.50	ug/Kg
79-01-6	Trichloroethene	1.00	U	1.00	6.50	ug/Kg
78-87-5	1,2-Dichloropropane	1.20	U	1.20	6.50	ug/Kg
75-27-4	Bromodichloromethane	1.00	U	1.00	6.50	ug/Kg
108-10-1	4-Methyl-2-Pentanone	4.60	U	4.60	32.4	ug/Kg
108-88-3	Toluene	1.00	U	1.00	6.50	ug/Kg

Raw Data: **VY023175.D**

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

Report of Analysis

Client:	BAPS North Bergen Development Inc.	Date Collected:	08/15/25
Project:	BAPS 2000 Tonnelle Ave	Date Received:	08/15/25
Client Sample ID:	1-FLOOR-DRILL-B-BACK	SDG No.:	Q2892
Lab Sample ID:	Q2892-03	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	89.6
Sample Wt/Vol:	4.31 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023175.D	1	08/20/25 14:58	VY082025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.84	U	0.84	6.50	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.80	U	0.80	6.50	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.20	U	1.20	6.50	ug/Kg
591-78-6	2-Hexanone	4.80	U	4.80	32.4	ug/Kg
124-48-1	Dibromochloromethane	1.10	U	1.10	6.50	ug/Kg
106-93-4	1,2-Dibromoethane	1.10	U	1.10	6.50	ug/Kg
127-18-4	Tetrachloroethene	1.40	U	1.40	6.50	ug/Kg
108-90-7	Chlorobenzene	1.20	U	1.20	6.50	ug/Kg
100-41-4	Ethyl Benzene	0.87	U	0.87	6.50	ug/Kg
179601-23-1	m/p-Xylenes	1.60	U	1.60	12.9	ug/Kg
95-47-6	o-Xylene	1.10	U	1.10	6.50	ug/Kg
100-42-5	Styrene	0.92	U	0.92	6.50	ug/Kg
75-25-2	Bromoform	1.10	U	1.10	6.50	ug/Kg
98-82-8	Isopropylbenzene	1.00	U	1.00	6.50	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.60	U	1.60	6.50	ug/Kg
541-73-1	1,3-Dichlorobenzene	2.20	U	2.20	6.50	ug/Kg
106-46-7	1,4-Dichlorobenzene	2.00	U	2.00	6.50	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.90	U	1.90	6.50	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	2.40	U	2.40	6.50	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.80	U	3.80	6.50	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	4.10	U	4.10	6.50	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	57.4		70 (63) - 130 (155)	115%	SPK: 50
1868-53-7	Dibromofluoromethane	53.9		70 (70) - 130 (134)	108%	SPK: 50
2037-26-5	Toluene-d8	51.7		70 (74) - 130 (123)	103%	SPK: 50
460-00-4	4-Bromofluorobenzene	44.0		70 (17) - 130 (146)	88%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	500000	7.713			
540-36-3	1,4-Difluorobenzene	945000	8.615			
3114-55-4	Chlorobenzene-d5	832000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	308000	13.34			

Raw Data: **VY023175.D**

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

Report of Analysis

Client:	BAPS North Bergen Development Inc.	Date Collected:	08/15/25
Project:	BAPS 2000 Tonnelle Ave	Date Received:	08/15/25
Client Sample ID:	1-FLOOR-DRILL-B-BACK	SDG No.:	Q2892
Lab Sample ID:	Q2892-03	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	89.6
Sample Wt/Vol:	4.31 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023175.D	1	08/20/25 14:58	VY082025

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_Y\Data\VY082025\
Data File : VY023175.D
Acq On : 20 Aug 2025 14:58
Operator : SY/MD
Sample : Q2892-03
Misc : 4.31g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
1-FLOOR-DRILL-B-BACK

Quant Time: Aug 21 01:39:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 02:10:11 2025
Response via : Initial Calibration

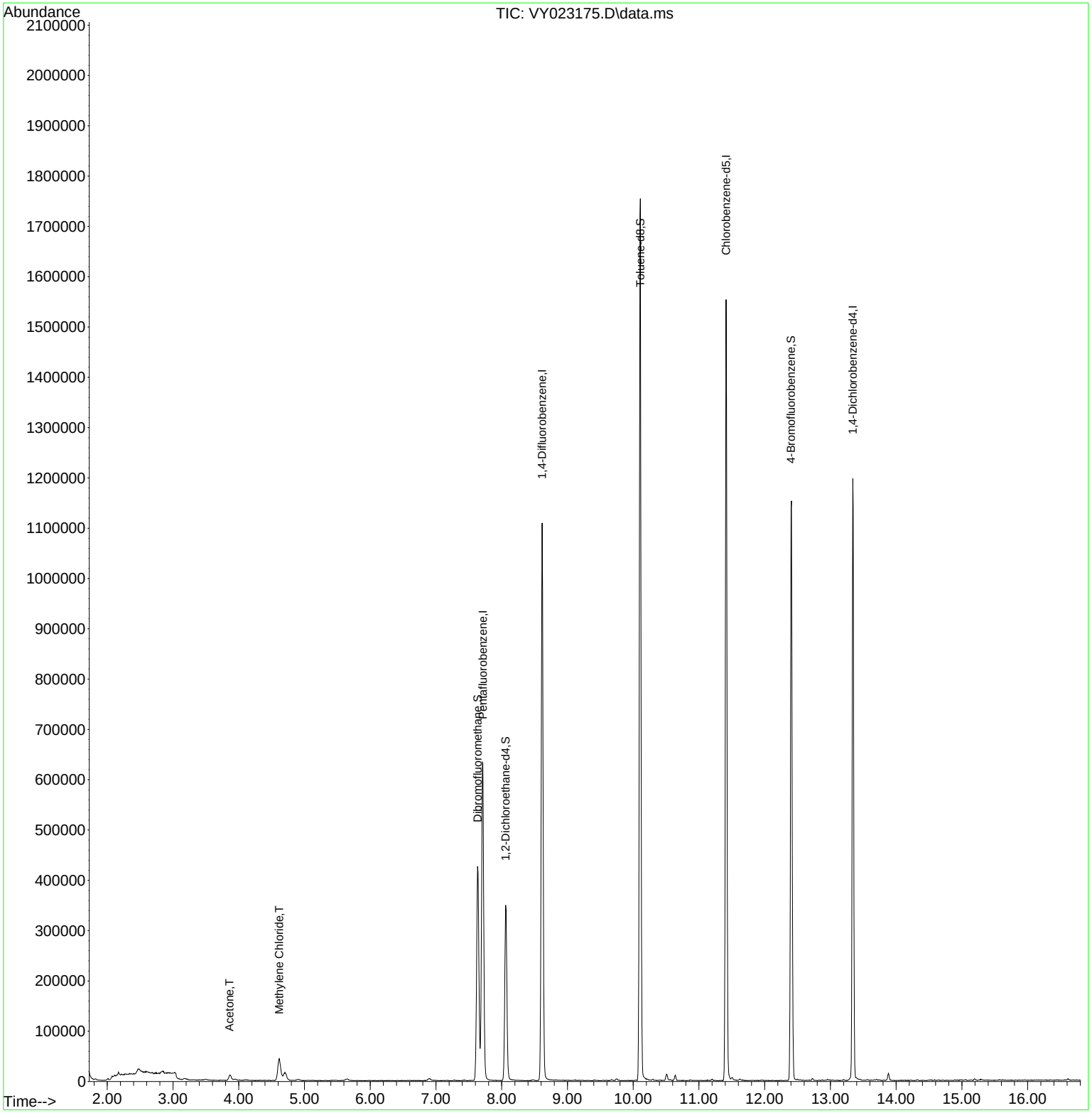
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	500283	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	945353	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	831619	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	308457	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	273794	57.423	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 114.840%			
35) Dibromofluoromethane	7.634	113	305105	53.937	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.880%			
50) Toluene-d8	10.109	98	1142363	51.694	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 103.380%			
62) 4-Bromofluorobenzene	12.401	95	312766	44.010	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 88.020%			
Target Compounds						Qvalue
16) Acetone	3.860	43	18614	18.020	ug/l	91
20) Methylene Chloride	4.616	84	32382	3.505	ug/l	97

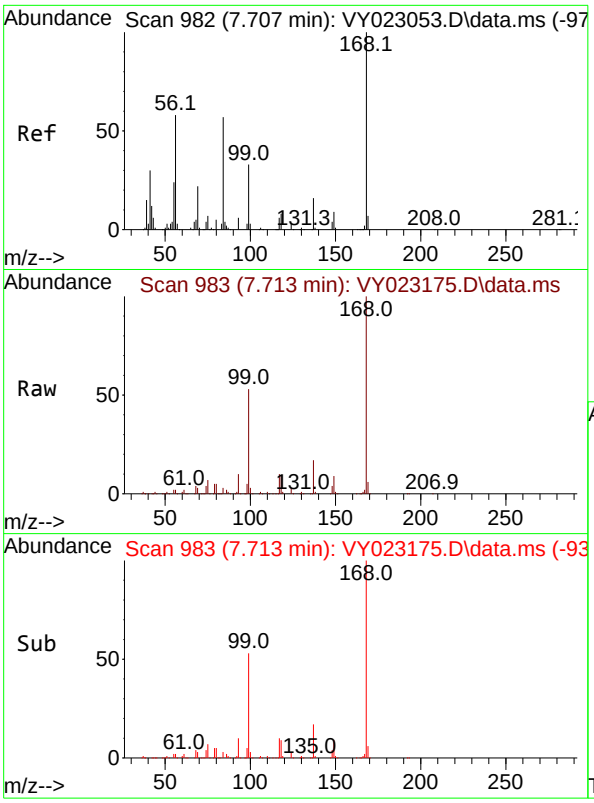
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082025\
Data File : VY023175.D
Acq On : 20 Aug 2025 14:58
Operator : SY/MD
Sample : Q2892-03
Misc : 4.31g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
1-FLOOR-DRILL-B-BACK

Quant Time: Aug 21 01:39:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 02:10:11 2025
Response via : Initial Calibration



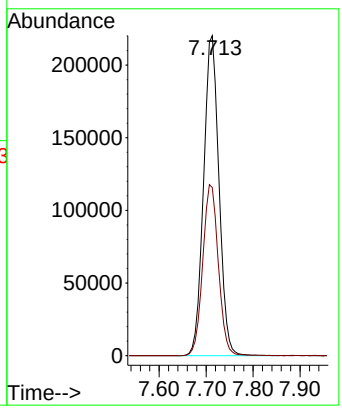


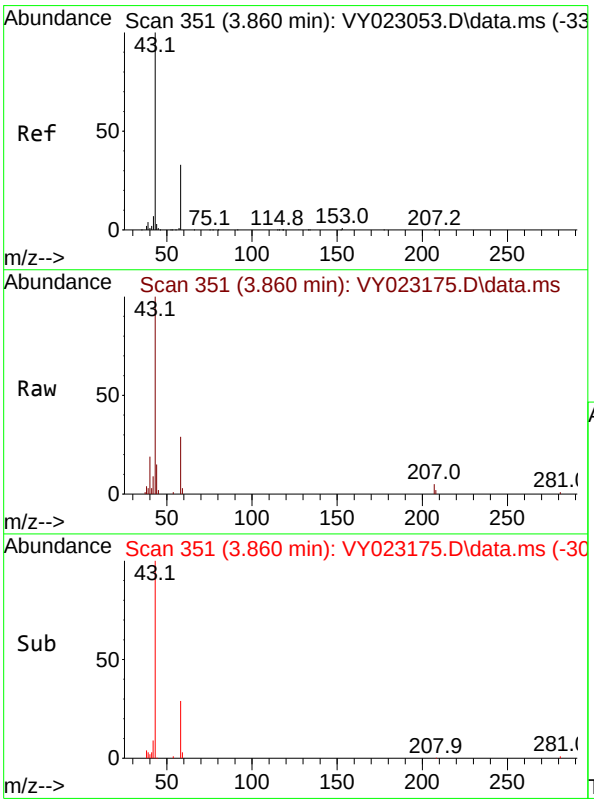
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY023175.D
Acq: 20 Aug 2025 14:58

Instrument :
MSVOA_Y
ClientSampleId :
1-FLOOR-DRILL-B-BACK

Tgt Ion:168 Resp: 500283

Ion	Ratio	Lower	Upper
168	100		
99	52.5	42.8	64.2

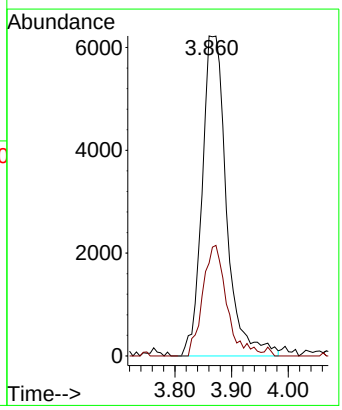


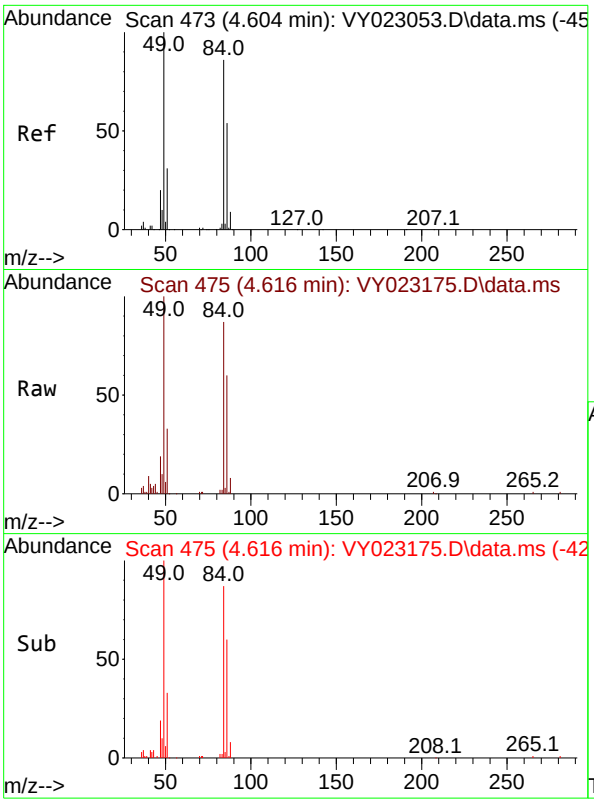


#16
Acetone
Concen: 18.020 ug/l
RT: 3.860 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY023175.D
Acq: 20 Aug 2025 14:58

Tgt Ion: 43 Resp: 18614

Ion	Ratio	Lower	Upper
43	100		
58	29.0	27.1	40.7



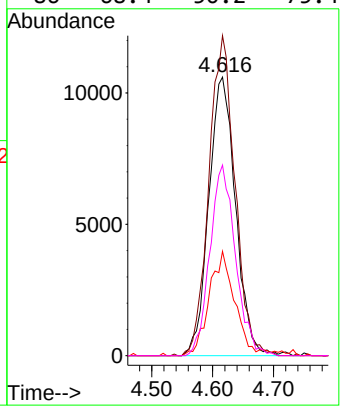


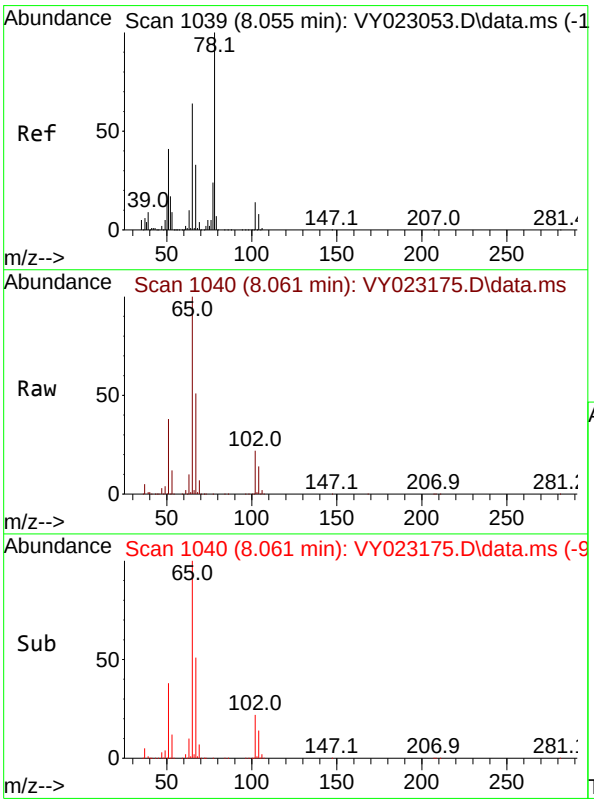
#20
Methylene Chloride
Concen: 3.505 ug/l
RT: 4.616 min Scan# 4
Delta R.T. 0.012 min
Lab File: VY023175.D
Acq: 20 Aug 2025 14:58

Instrument :
MSVOA_Y
ClientSampleId :
1-FLOOR-DRILL-B-BACK

Tgt Ion: 84 Resp: 32382

Ion	Ratio	Lower	Upper
84	100		
49	114.9	93.0	139.6
51	37.4	29.0	43.4
86	68.4	50.2	75.4

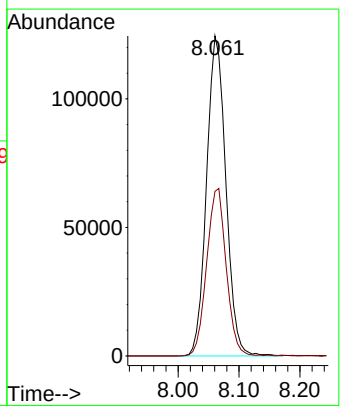


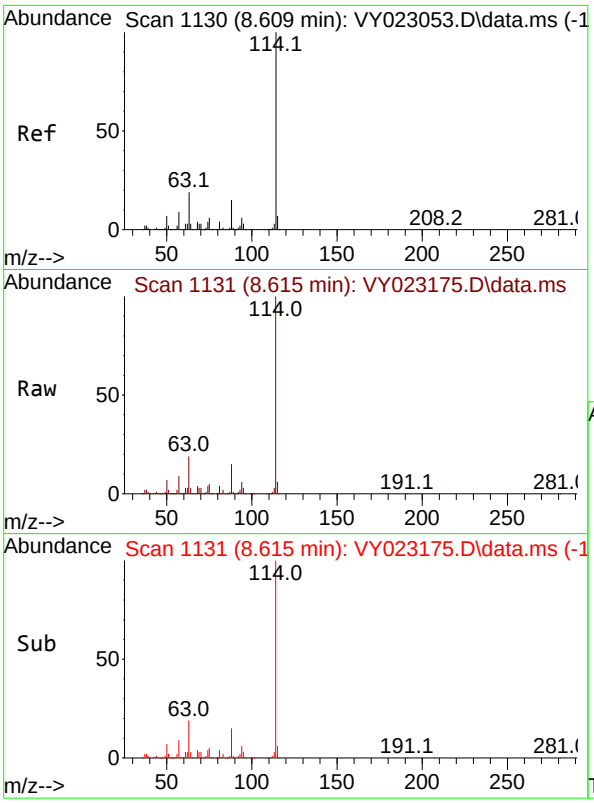


#33
1,2-Dichloroethane-d4
Concen: 57.423 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY023175.D
Acq: 20 Aug 2025 14:58

Tgt Ion: 65 Resp: 273794

Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	106.8



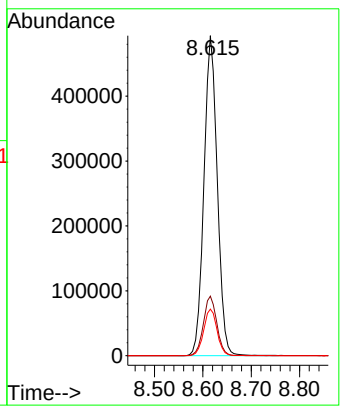


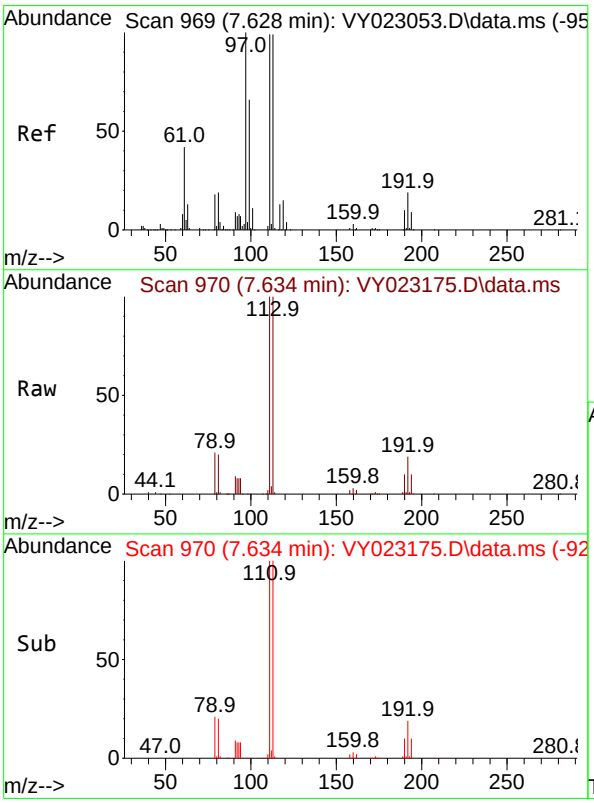
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023175.D
Acq: 20 Aug 2025 14:58

Instrument :
MSVOA_Y
ClientSampleId :
1-FLOOR-DRILL-B-BACK

Tgt Ion:114 Resp: 945353

Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	38.4
88	14.6	0.0	30.0

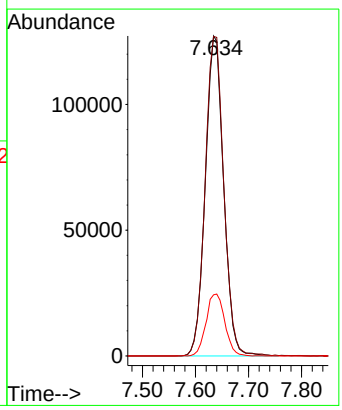


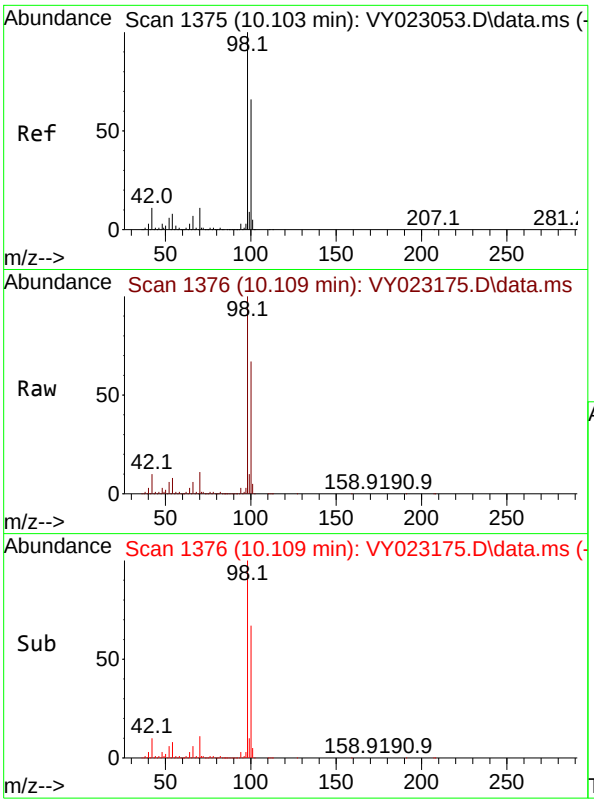


#35
Dibromofluoromethane
Concen: 53.937 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.006 min
Lab File: VY023175.D
Acq: 20 Aug 2025 14:58

Tgt Ion:113 Resp: 305105

Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.1	121.7
192	19.8	16.2	24.4



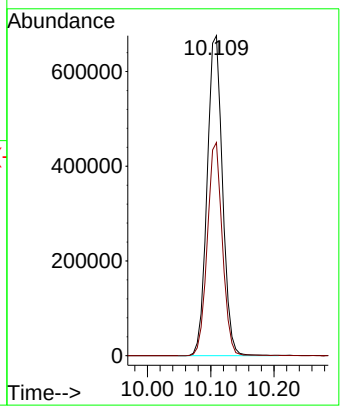


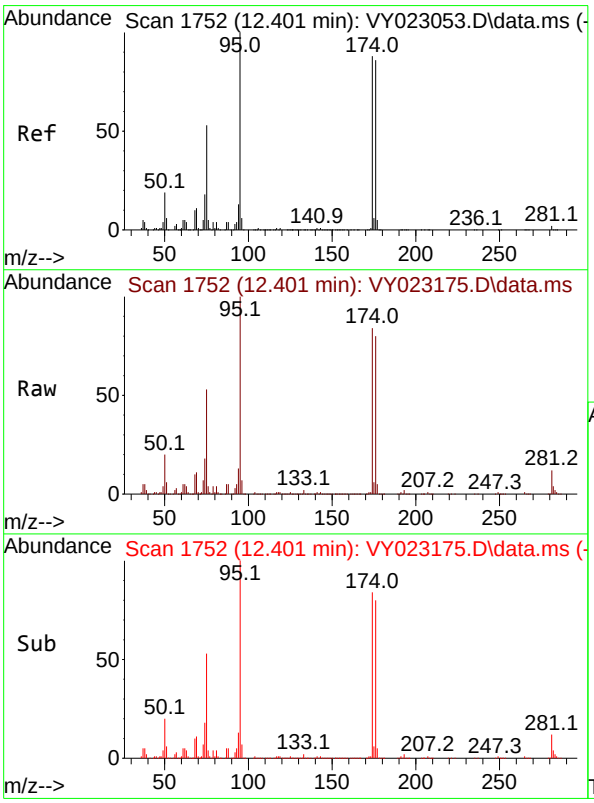
#50
Toluene-d8
Concen: 51.694 ug/l
RT: 10.109 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023175.D
Acq: 20 Aug 2025 14:58

Instrument :
MSVOA_Y
ClientSampleId :
1-FLOOR-DRILL-B-BACK

Tgt Ion: 98 Resp: 1142363

Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.3	78.5

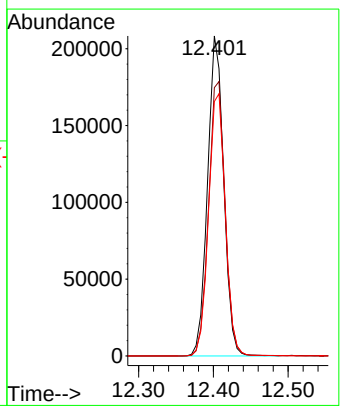


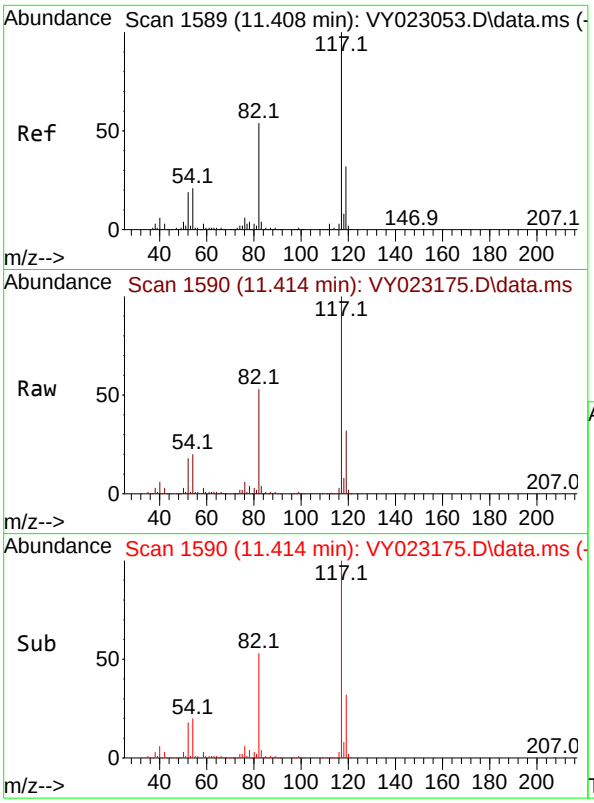


#62
4-Bromofluorobenzene
Concen: 44.010 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VY023175.D
Acq: 20 Aug 2025 14:58

Tgt Ion: 95 Resp: 312766

Ion	Ratio	Lower	Upper
95	100		
174	88.5	0.0	171.6
176	85.1	0.0	167.6



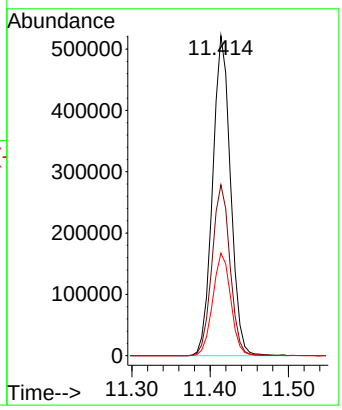


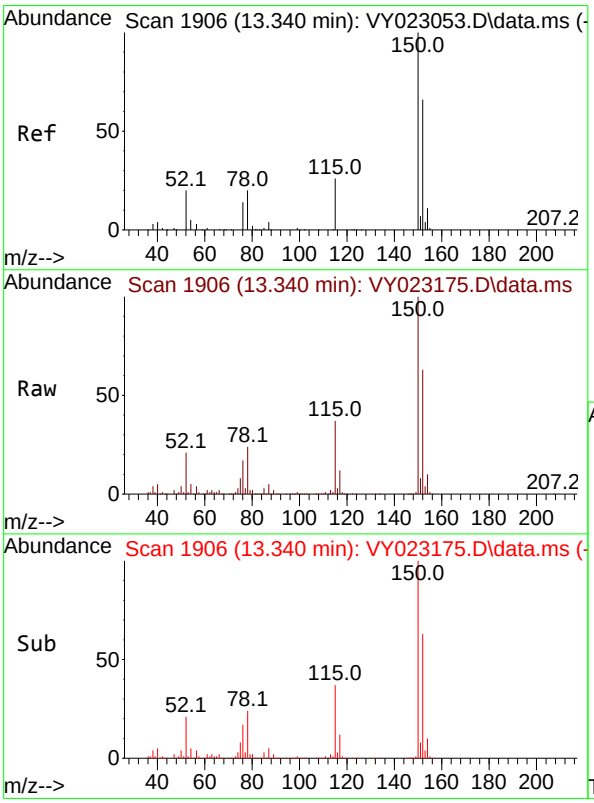
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023175.D
Acq: 20 Aug 2025 14:58

Instrument :
MSVOA_Y
ClientSampleId :
1-FLOOR-DRILL-B-BACK

Tgt Ion:117 Resp: 831619

Ion	Ratio	Lower	Upper
117	100		
82	53.4	43.4	65.0
119	32.0	25.6	38.4

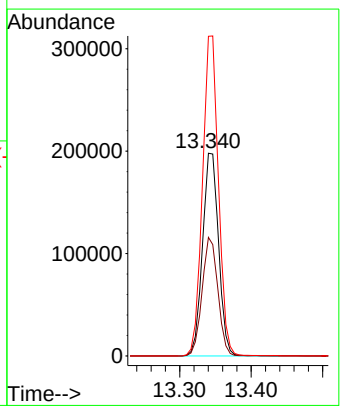




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.340 min Scan# 1906
Delta R.T. -0.000 min
Lab File: VY023175.D
Acq: 20 Aug 2025 14:58

Tgt Ion:152 Resp: 308457

Ion	Ratio	Lower	Upper
152	100		
115	57.3	28.2	84.6
150	156.9	0.0	348.0



Sample Results: **VY023175.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082025\
Data File : VY023175.D
Acq On : 20 Aug 2025 14:58
Operator : SY/MD
Sample : Q2892-03
Misc : 4.31g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
1-FLOOR-DRILL-B-BACK

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Title : SW846 8260

Signal : TIC: VY023175.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.866	344	352	359	rBV2	10773	29960	1.01%	0.201%
2	4.616	463	475	484	rBV2	43425	142550	4.79%	0.955%
3	4.701	484	489	501	rVB4	16018	49853	1.67%	0.334%
4	7.634	960	970	976	rBV	425414	1007589	33.83%	6.752%
5	7.707	976	982	1000	rVB	631855	1468931	49.31%	9.844%
6	8.061	1031	1040	1053	rBV	348632	787778	26.45%	5.279%
7	8.615	1121	1131	1145	rBV	1108403	2137148	71.75%	14.322%
8	10.109	1368	1376	1390	rBV	1753247	2978739	100.00%	19.962%
9	11.414	1582	1590	1601	rBV	1552829	2496670	83.82%	16.732%
10	12.407	1743	1753	1764	rBV2	1152203	1975798	66.33%	13.241%
11	13.340	1892	1906	1913	rBV	1196727	1846949	62.00%	12.377%

Sum of corrected areas: 14921965

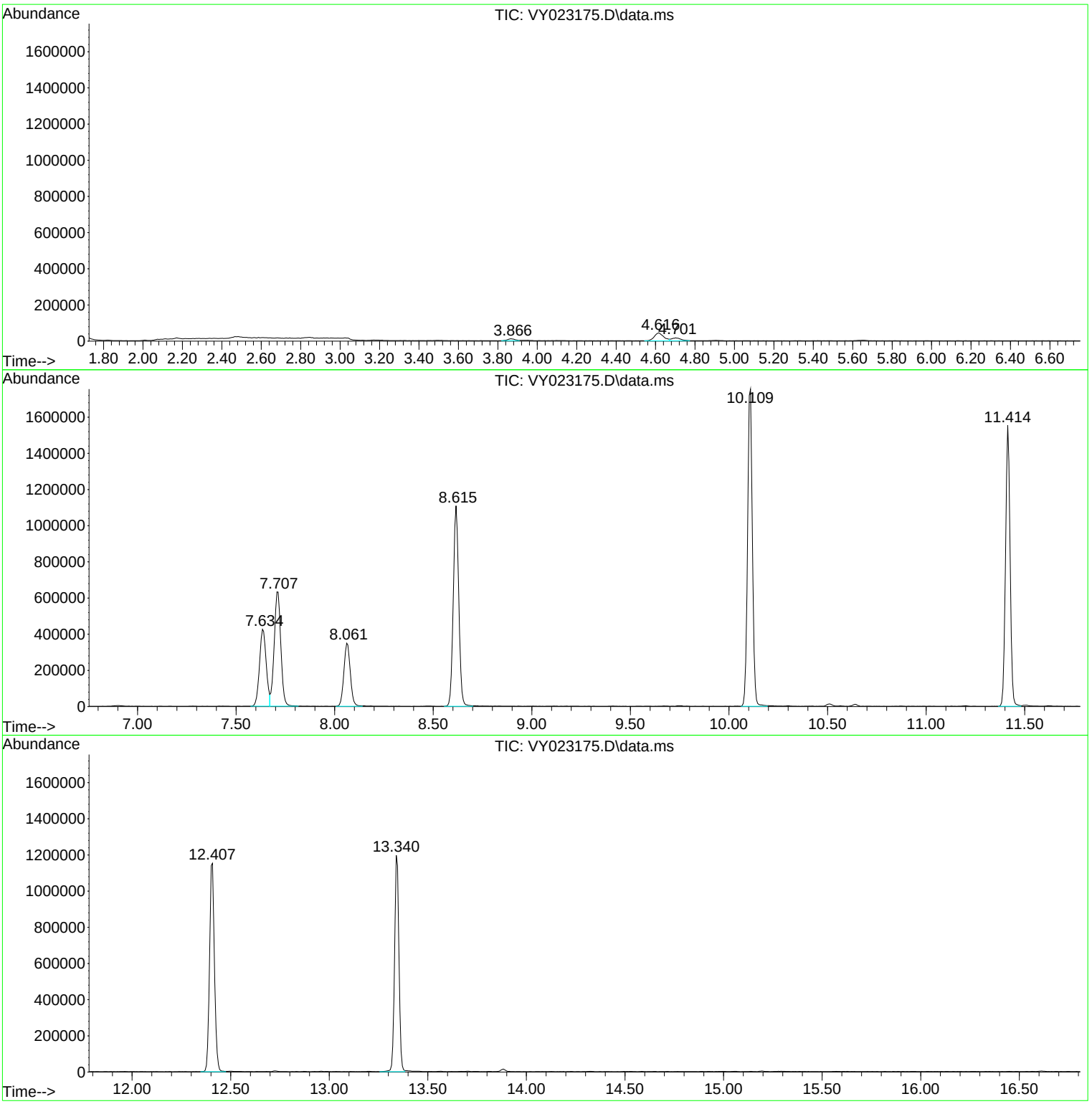
Sample Results: **VY023175.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082025\
Data File : VY023175.D
Acq On : 20 Aug 2025 14:58
Operator : SY/MD
Sample : Q2892-03
Misc : 4.31g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
1-FLOOR-DRILL-B-BACK

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Sample Results: **VY023175.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082025\
Data File : VY023175.D
Acq On : 20 Aug 2025 14:58
Operator : SY/MD
Sample : Q2892-03
Misc : 4.31g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
1-FLOOR-DRILL-B-BACK

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082025\
Data File : VY023175.D
Acq On : 20 Aug 2025 14:58
Operator : SY/MD
Sample : Q2892-03
Misc : 4.31g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
1-FLOOR-DRILL-B-BACK

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Raw Data: **VY023176.D**

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

Report of Analysis

Client:	BAPS North Bergen Development Inc.	Date Collected:	08/15/25
Project:	BAPS 2000 Tonnelle Ave	Date Received:	08/15/25
Client Sample ID:	BACK-1-FLOOR-CENTER-MIDDLE-C	SDG No.:	Q2892
Lab Sample ID:	Q2892-05	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	88.5
Sample Wt/Vol:	5.91 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023176.D	1	08/20/25 15:21	VY082025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.10	U	1.10	4.80	ug/Kg
74-87-3	Chloromethane	1.10	U	1.10	4.80	ug/Kg
75-01-4	Vinyl Chloride	0.76	U	0.76	4.80	ug/Kg
74-83-9	Bromomethane	1.00	U	1.00	4.80	ug/Kg
75-00-3	Chloroethane	1.20	U	1.20	4.80	ug/Kg
75-69-4	Trichlorofluoromethane	1.20	U	1.20	4.80	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.00	U	1.00	4.80	ug/Kg
75-35-4	1,1-Dichloroethene	0.96	U	0.96	4.80	ug/Kg
67-64-1	Acetone	4.50	U	4.50	23.9	ug/Kg
75-15-0	Carbon Disulfide	1.00	U	1.00	4.80	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.70	U	0.70	4.80	ug/Kg
79-20-9	Methyl Acetate	1.50	U	1.50	4.80	ug/Kg
75-09-2	Methylene Chloride	3.40	U	3.40	9.60	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.82	U	0.82	4.80	ug/Kg
75-34-3	1,1-Dichloroethane	0.76	U	0.76	4.80	ug/Kg
110-82-7	Cyclohexane	0.76	U	0.76	4.80	ug/Kg
78-93-3	2-Butanone	6.30	U	6.30	23.9	ug/Kg
56-23-5	Carbon Tetrachloride	0.93	U	0.93	4.80	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.72	U	0.72	4.80	ug/Kg
74-97-5	Bromochloromethane	1.10	U	1.10	4.80	ug/Kg
67-66-3	Chloroform	0.80	U	0.80	4.80	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.89	U	0.89	4.80	ug/Kg
108-87-2	Methylcyclohexane	0.87	U	0.87	4.80	ug/Kg
71-43-2	Benzene	0.76	U	0.76	4.80	ug/Kg
107-06-2	1,2-Dichloroethane	0.76	U	0.76	4.80	ug/Kg
79-01-6	Trichloroethene	0.77	U	0.77	4.80	ug/Kg
78-87-5	1,2-Dichloropropane	0.87	U	0.87	4.80	ug/Kg
75-27-4	Bromodichloromethane	0.75	U	0.75	4.80	ug/Kg
108-10-1	4-Methyl-2-Pentanone	3.40	U	3.40	23.9	ug/Kg
108-88-3	Toluene	0.75	U	0.75	4.80	ug/Kg

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

Report of Analysis

Client:	BAPS North Bergen Development Inc.	Date Collected:	08/15/25
Project:	BAPS 2000 Tonnelle Ave	Date Received:	08/15/25
Client Sample ID:	BACK-1-FLOOR-CENTER-MIDDLE-C	SDG No.:	Q2892
Lab Sample ID:	Q2892-05	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	88.5
Sample Wt/Vol:	5.91 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023176.D	1	08/20/25 15:21	VY082025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.62	U	0.62	4.80	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.59	U	0.59	4.80	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.88	U	0.88	4.80	ug/Kg
591-78-6	2-Hexanone	3.50	U	3.50	23.9	ug/Kg
124-48-1	Dibromochloromethane	0.83	U	0.83	4.80	ug/Kg
106-93-4	1,2-Dibromoethane	0.84	U	0.84	4.80	ug/Kg
127-18-4	Tetrachloroethene	1.00	U	1.00	4.80	ug/Kg
108-90-7	Chlorobenzene	0.87	U	0.87	4.80	ug/Kg
100-41-4	Ethyl Benzene	0.64	U	0.64	4.80	ug/Kg
179601-23-1	m/p-Xylenes	1.20	U	1.20	9.60	ug/Kg
95-47-6	o-Xylene	0.78	U	0.78	4.80	ug/Kg
100-42-5	Styrene	0.68	U	0.68	4.80	ug/Kg
75-25-2	Bromoform	0.82	U	0.82	4.80	ug/Kg
98-82-8	Isopropylbenzene	0.75	U	0.75	4.80	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.20	U	1.20	4.80	ug/Kg
541-73-1	1,3-Dichlorobenzene	1.60	U	1.60	4.80	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.50	U	1.50	4.80	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.40	U	1.40	4.80	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.80	U	1.80	4.80	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	2.80	U	2.80	4.80	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	3.00	U	3.00	4.80	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	58.6		70 (63) - 130 (155)	117%	SPK: 50
1868-53-7	Dibromofluoromethane	55.0		70 (70) - 130 (134)	110%	SPK: 50
2037-26-5	Toluene-d8	52.0		70 (74) - 130 (123)	104%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.2		70 (17) - 130 (146)	94%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	501000	7.713			
540-36-3	1,4-Difluorobenzene	952000	8.616			
3114-55-4	Chlorobenzene-d5	867000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	348000	13.347			

Raw Data: **VY023176.D**

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

Report of Analysis

Client:	BAPS North Bergen Development Inc.	Date Collected:	08/15/25
Project:	BAPS 2000 Tonnelle Ave	Date Received:	08/15/25
Client Sample ID:	BACK-1-FLOOR-CENTER-MIDDLE-C	SDG No.:	Q2892
Lab Sample ID:	Q2892-05	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	88.5
Sample Wt/Vol:	5.91 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023176.D	1	08/20/25 15:21	VY082025

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: **VY023176.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082025\
Data File : VY023176.D
Acq On : 20 Aug 2025 15:21
Operator : SY/MD
Sample : Q2892-05
Misc : 5.91g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BACK-1-FLOOR-CENTER-MIDDLE-C

Quant Time: Aug 21 01:40:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 02:10:11 2025
Response via : Initial Calibration

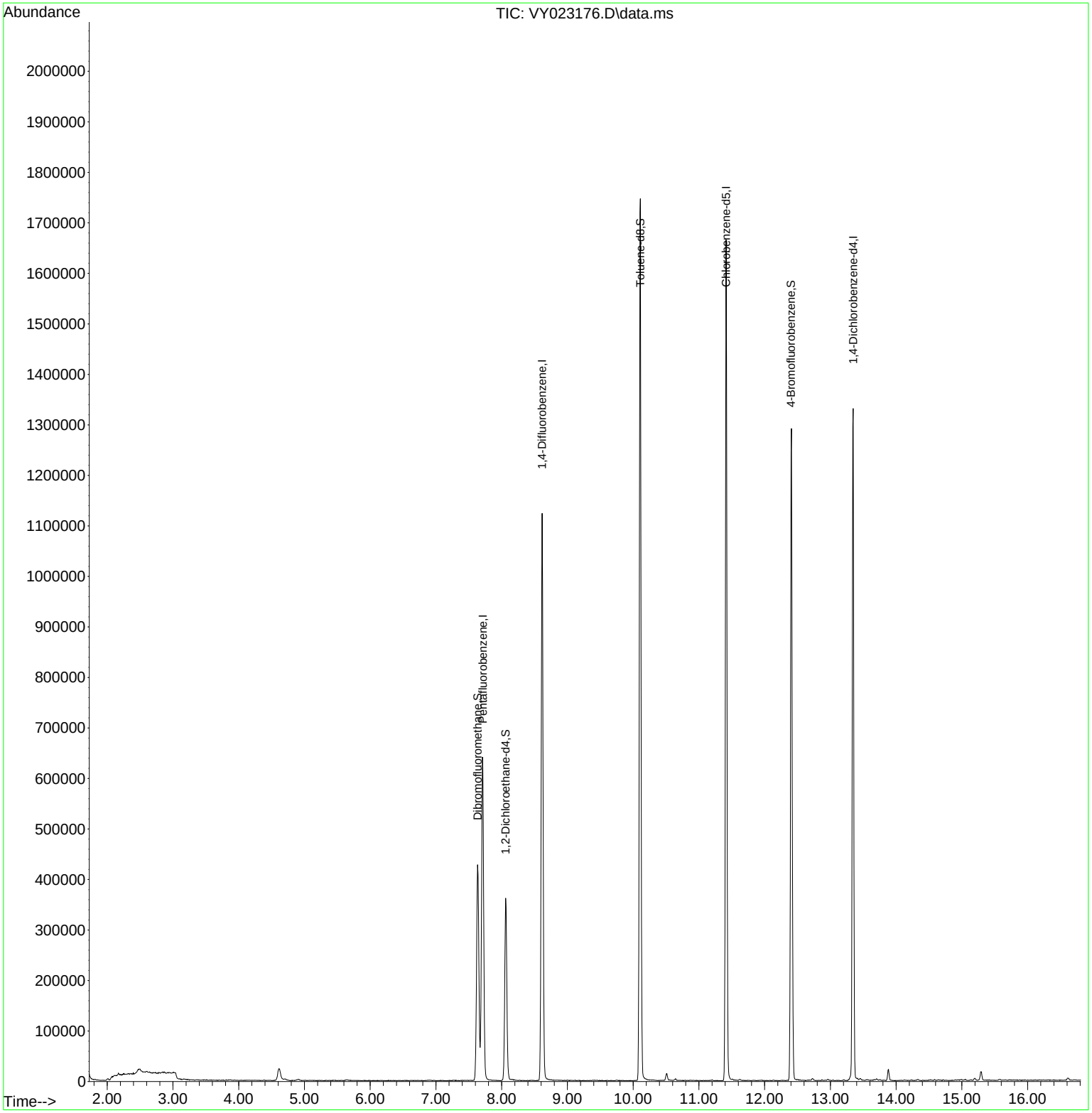
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	501346	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	951773	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	866589	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	347720	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	280123	58.626	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 117.260%			
35) Dibromofluoromethane	7.634	113	313131	54.982	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.960%			
50) Toluene-d8	10.109	98	1156251	51.970	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 103.940%			
62) 4-Bromofluorobenzene	12.402	95	337948	47.232	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 94.460%			
Target Compounds						Qvalue

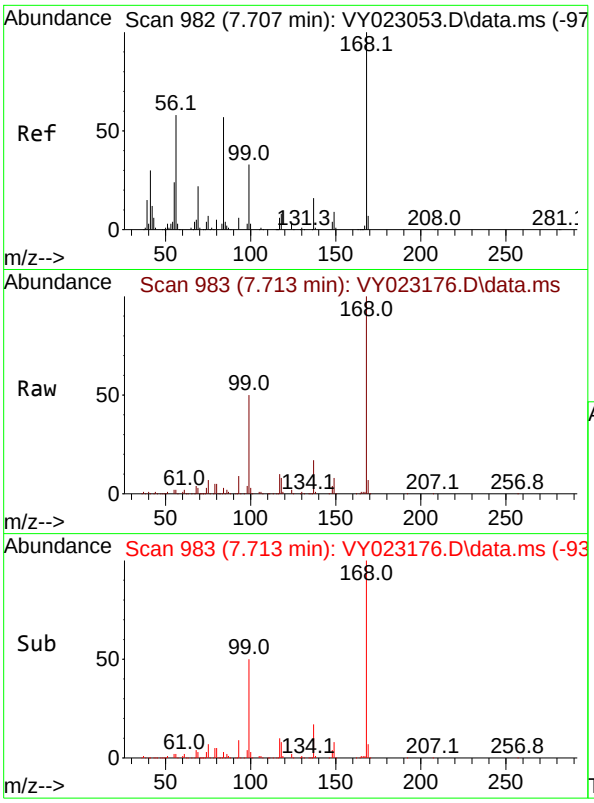
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082025\
Data File : VY023176.D
Acq On : 20 Aug 2025 15:21
Operator : SY/MD
Sample : Q2892-05
Misc : 5.91g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BACK-1-FLOOR-CENTER-MIDDLE-C

Quant Time: Aug 21 01:40:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 02:10:11 2025
Response via : Initial Calibration



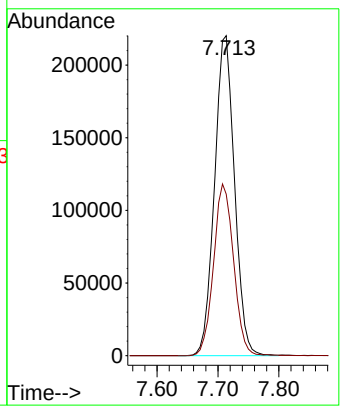


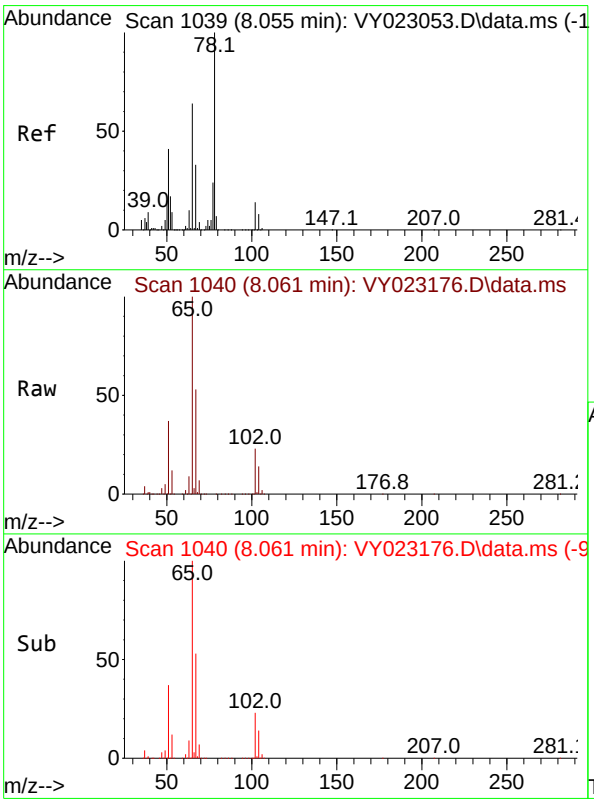
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY023176.D
Acq: 20 Aug 2025 15:21

Instrument :
MSVOA_Y
ClientSampleId :
BACK-1-FLOOR-CENTER-MIDDLE-C

Tgt Ion:168 Resp: 501346

Ion	Ratio	Lower	Upper
168	100		
99	50.5	42.8	64.2

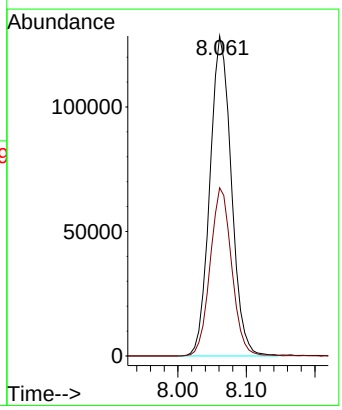


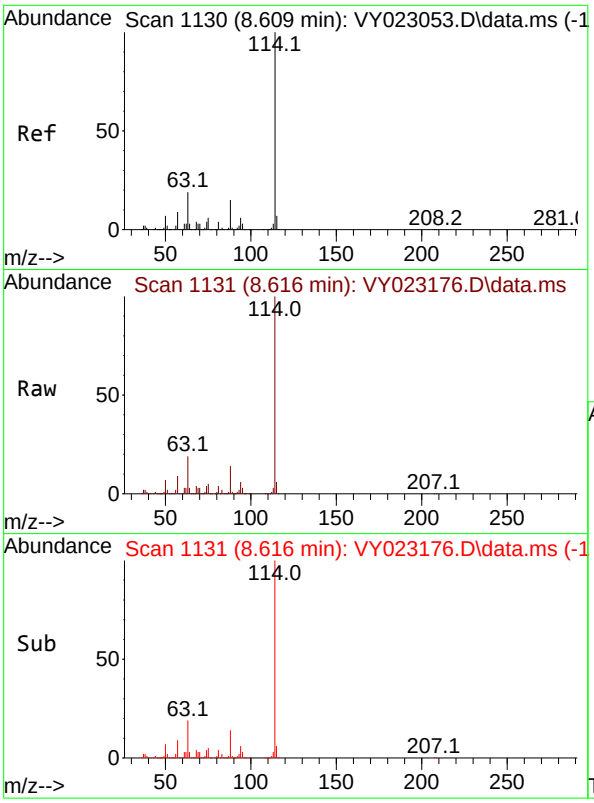


#33
1,2-Dichloroethane-d4
Concen: 58.626 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY023176.D
Acq: 20 Aug 2025 15:21

Tgt Ion: 65 Resp: 280123

Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	106.8



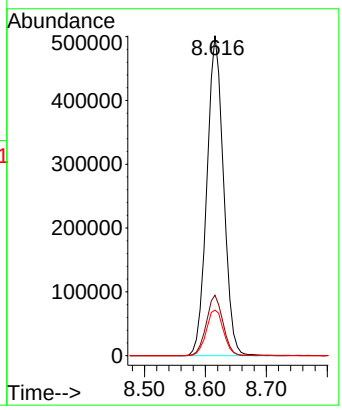


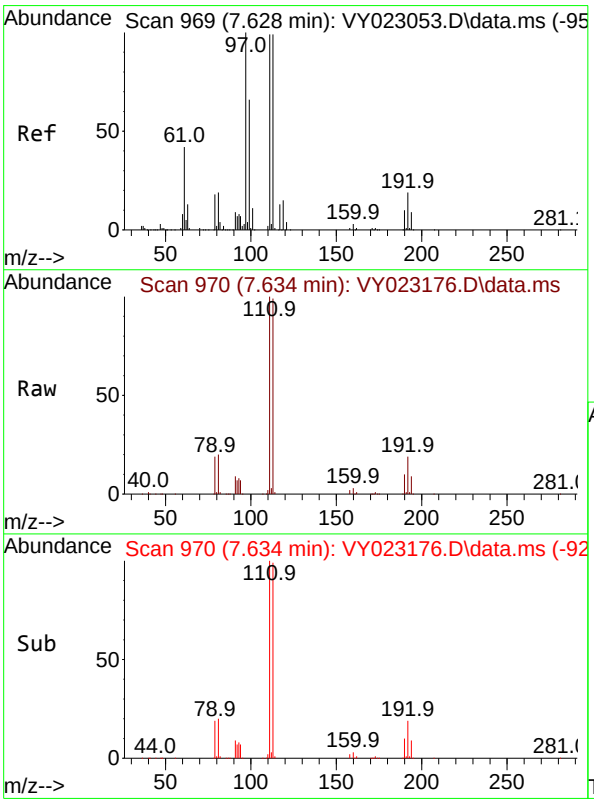
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023176.D
Acq: 20 Aug 2025 15:21

Instrument :
MSVOA_Y
ClientSampleId :
BACK-1-FLOOR-CENTER-MIDDLE-C

Tgt Ion:114 Resp: 951773

Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	38.4
88	14.3	0.0	30.0

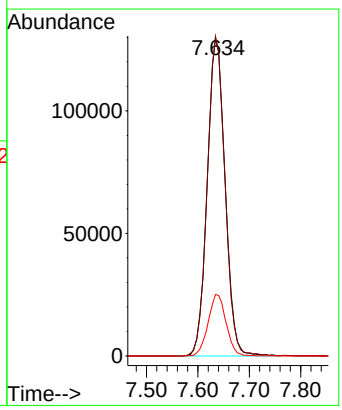


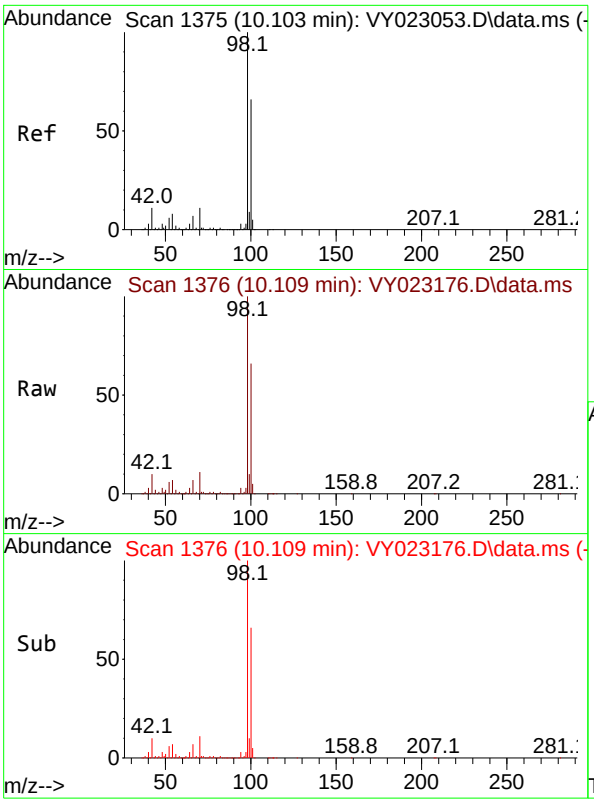


#35
Dibromofluoromethane
Concen: 54.982 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.006 min
Lab File: VY023176.D
Acq: 20 Aug 2025 15:21

Tgt Ion:113 Resp: 313131

Ion	Ratio	Lower	Upper
113	100		
111	99.5	81.1	121.7
192	19.5	16.2	24.4



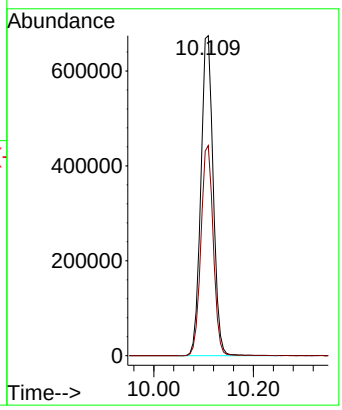


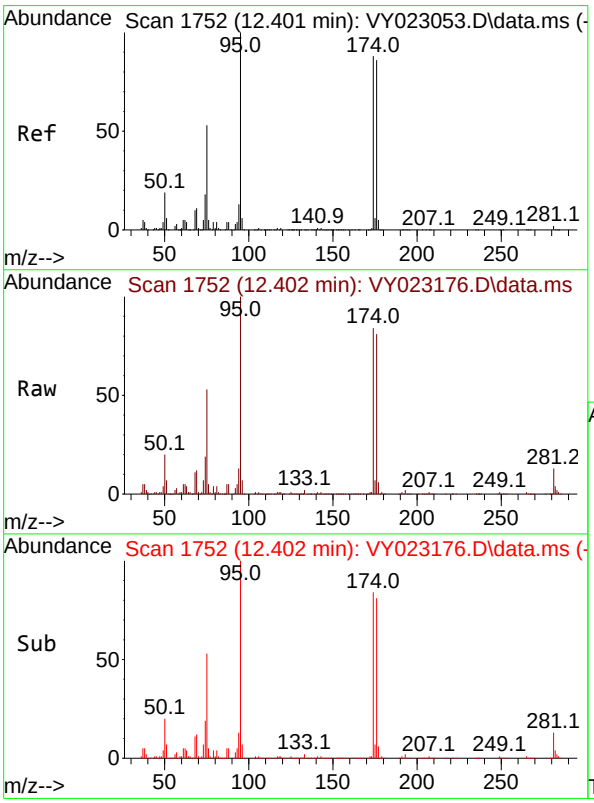
#50
Toluene-d8
Concen: 51.970 ug/l
RT: 10.109 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023176.D
Acq: 20 Aug 2025 15:21

Instrument :
MSVOA_Y
ClientSampleId :
BACK-1-FLOOR-CENTER-MIDDLE-C

Tgt Ion: 98 Resp: 1156251

Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.3	78.5

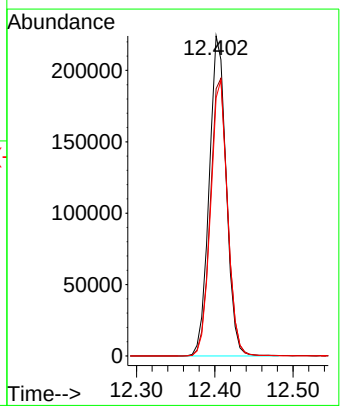


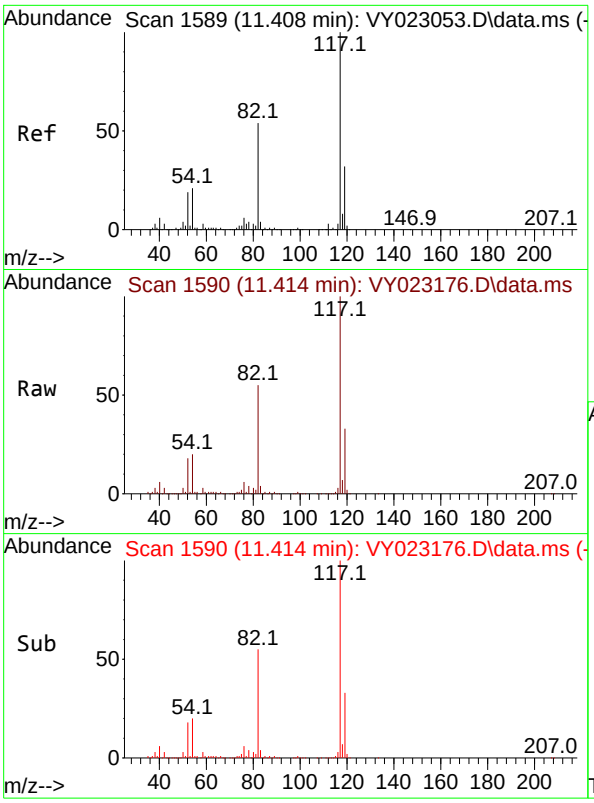


#62
4-Bromofluorobenzene
Concen: 47.232 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY023176.D
Acq: 20 Aug 2025 15:21

Tgt Ion: 95 Resp: 337948

Ion	Ratio	Lower	Upper
95	100		
174	88.4	0.0	171.6
176	85.7	0.0	167.6



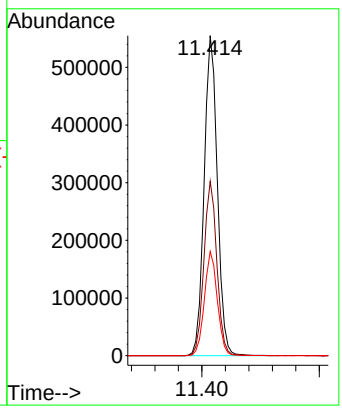


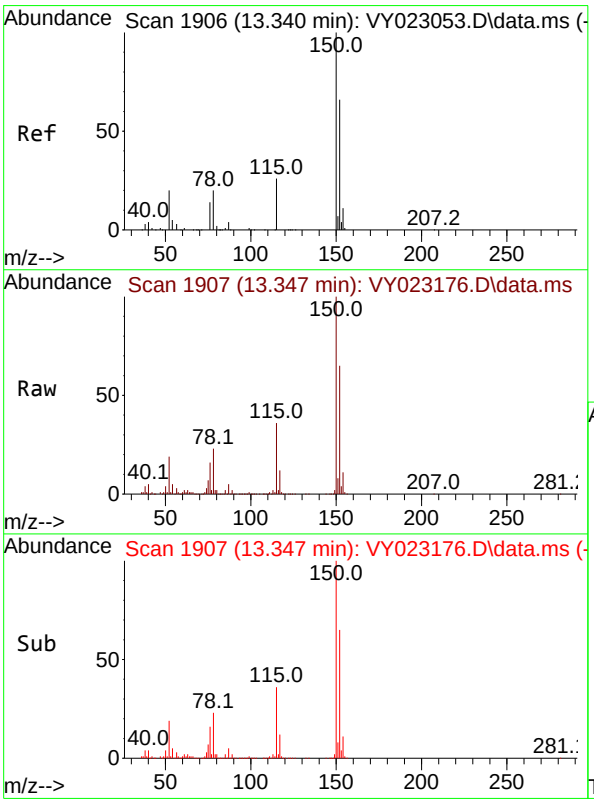
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023176.D
Acq: 20 Aug 2025 15:21

Instrument :
MSVOA_Y
ClientSampleId :
BACK-1-FLOOR-CENTER-MIDDLE-C

Tgt Ion:117 Resp: 866589

Ion	Ratio	Lower	Upper
117	100		
82	54.5	43.4	65.0
119	32.6	25.6	38.4

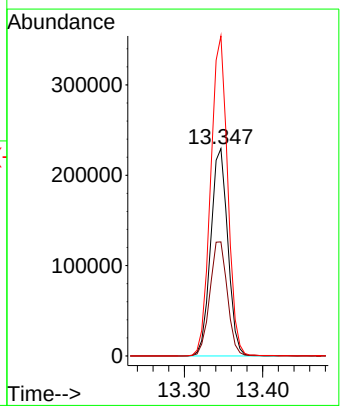




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VY023176.D
Acq: 20 Aug 2025 15:21

Tgt Ion:152 Resp: 347720

Ion	Ratio	Lower	Upper
152	100		
115	56.4	28.2	84.6
150	153.5	0.0	348.0



Sample Results: **VY023176.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082025\
Data File : VY023176.D
Acq On : 20 Aug 2025 15:21
Operator : SY/MD
Sample : Q2892-05
Misc : 5.91g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BACK-1-FLOOR-CENTER-MIDDLE-C

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Title : SW846 8260

Signal : TIC: VY023176.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.610	465	474	486	rBV2	23374	76360	2.53%	0.493%
2	7.634	958	970	976	rBV	427166	1021259	33.85%	6.598%
3	7.707	976	982	1000	rVB	639696	1463938	48.52%	9.457%
4	8.061	1029	1040	1052	rBV	361251	798254	26.46%	5.157%
5	8.616	1122	1131	1143	rBV	1122779	2155933	71.46%	13.928%
6	10.109	1367	1376	1395	rBV	1745657	3017162	100.00%	19.491%
7	11.414	1582	1590	1602	rBV	1664685	2590679	85.86%	16.736%
8	12.408	1745	1753	1766	rBV2	1290860	2206920	73.15%	14.257%
9	13.347	1893	1907	1917	rBV	1330672	2080330	68.95%	13.439%
10	13.883	1989	1995	2001	rBV2	21892	36135	1.20%	0.233%
11	15.291	2218	2226	2233	rBV2	17024	32464	1.08%	0.210%

Sum of corrected areas: 15479434

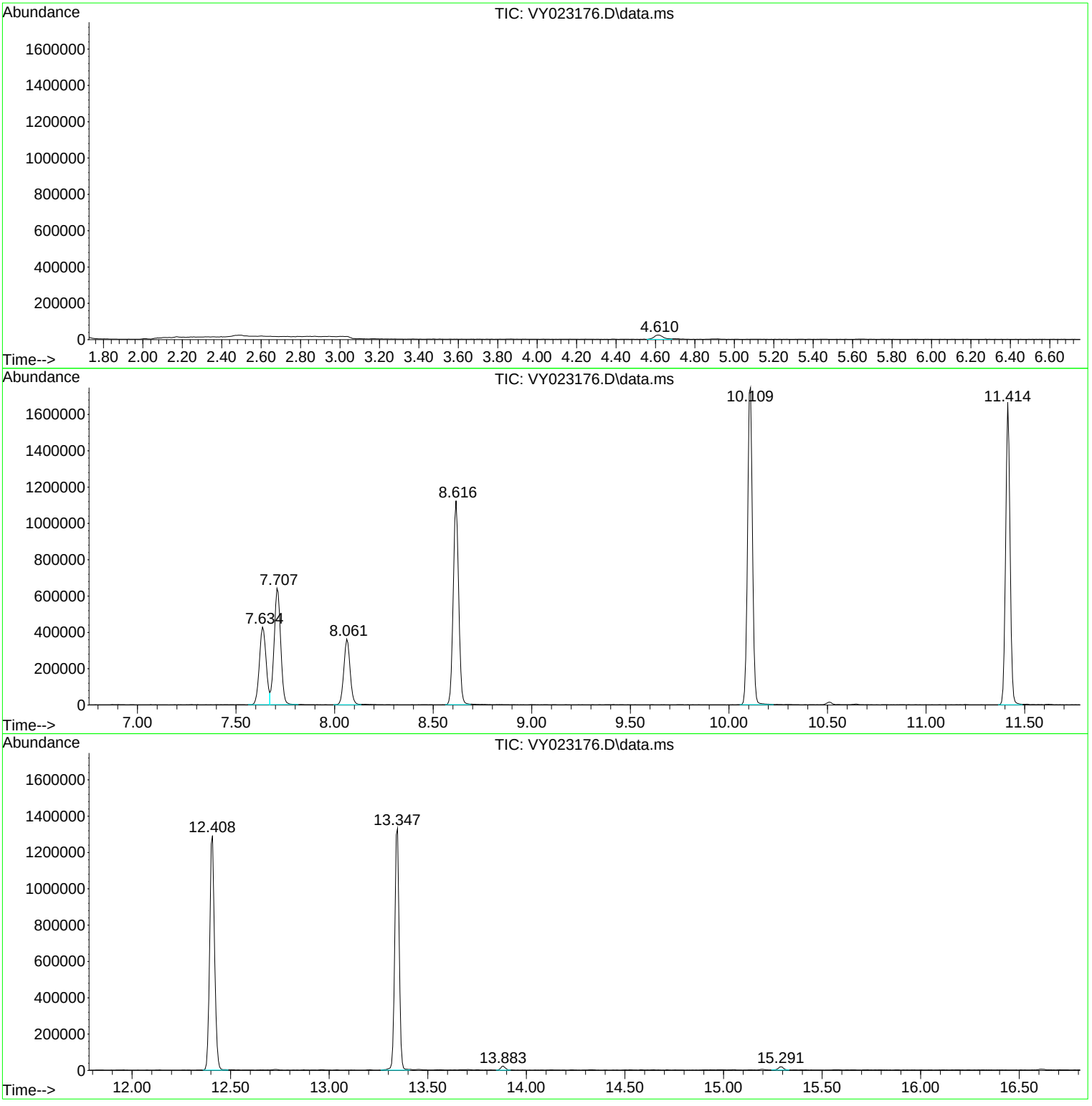
Sample Results: **VY023176.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082025\
Data File : VY023176.D
Acq On : 20 Aug 2025 15:21
Operator : SY/MD
Sample : Q2892-05
Misc : 5.91g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BACK-1-FLOOR-CENTER-MIDDLE-C

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Sample Results: **VY023176.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082025\
Data File : VY023176.D
Acq On : 20 Aug 2025 15:21
Operator : SY/MD
Sample : Q2892-05
Misc : 5.91g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BACK-1-FLOOR-CENTER-MIDDLE-C

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082025\
Data File : VY023176.D
Acq On : 20 Aug 2025 15:21
Operator : SY/MD
Sample : Q2892-05
Misc : 5.91g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BACK-1-FLOOR-CENTER-MIDDLE-C

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Raw Data: **VY023177.D**

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

Report of Analysis

Client:	BAPS North Bergen Development Inc.	Date Collected:	08/15/25
Project:	BAPS 2000 Tonnelle Ave	Date Received:	08/15/25
Client Sample ID:	3-FLOOR-NORTH-D	SDG No.:	Q2892
Lab Sample ID:	Q2892-07	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	93.1
Sample Wt/Vol:	5.05 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023177.D	1	08/20/25 15:45	VY082025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.20	U	1.20	5.30	ug/Kg
74-87-3	Chloromethane	1.20	U	1.20	5.30	ug/Kg
75-01-4	Vinyl Chloride	0.84	U	0.84	5.30	ug/Kg
74-83-9	Bromomethane	1.10	U	1.10	5.30	ug/Kg
75-00-3	Chloroethane	1.30	U	1.30	5.30	ug/Kg
75-69-4	Trichlorofluoromethane	1.30	U	1.30	5.30	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.10	U	1.10	5.30	ug/Kg
75-35-4	1,1-Dichloroethene	1.10	U	1.10	5.30	ug/Kg
67-64-1	Acetone	5.00	U	5.00	26.6	ug/Kg
75-15-0	Carbon Disulfide	1.10	U	1.10	5.30	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.78	U	0.78	5.30	ug/Kg
79-20-9	Methyl Acetate	1.60	U	1.60	5.30	ug/Kg
75-09-2	Methylene Chloride	3.80	U	3.80	10.6	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.91	U	0.91	5.30	ug/Kg
75-34-3	1,1-Dichloroethane	0.85	U	0.85	5.30	ug/Kg
110-82-7	Cyclohexane	0.84	U	0.84	5.30	ug/Kg
78-93-3	2-Butanone	7.00	U	7.00	26.6	ug/Kg
56-23-5	Carbon Tetrachloride	1.00	U	1.00	5.30	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.80	U	0.80	5.30	ug/Kg
74-97-5	Bromochloromethane	1.20	U	1.20	5.30	ug/Kg
67-66-3	Chloroform	0.89	U	0.89	5.30	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.99	U	0.99	5.30	ug/Kg
108-87-2	Methylcyclohexane	0.97	U	0.97	5.30	ug/Kg
71-43-2	Benzene	0.84	U	0.84	5.30	ug/Kg
107-06-2	1,2-Dichloroethane	0.84	U	0.84	5.30	ug/Kg
79-01-6	Trichloroethene	0.86	U	0.86	5.30	ug/Kg
78-87-5	1,2-Dichloropropane	0.97	U	0.97	5.30	ug/Kg
75-27-4	Bromodichloromethane	0.83	U	0.83	5.30	ug/Kg
108-10-1	4-Methyl-2-Pentanone	3.80	U	3.80	26.6	ug/Kg
108-88-3	Toluene	0.83	U	0.83	5.30	ug/Kg

Raw Data: **VY023177.D**

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

Report of Analysis

Client:	BAPS North Bergen Development Inc.	Date Collected:	08/15/25
Project:	BAPS 2000 Tonnelle Ave	Date Received:	08/15/25
Client Sample ID:	3-FLOOR-NORTH-D	SDG No.:	Q2892
Lab Sample ID:	Q2892-07	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	93.1
Sample Wt/Vol:	5.05 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023177.D	1	08/20/25 15:45	VY082025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.69	U	0.69	5.30	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.66	U	0.66	5.30	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.98	U	0.98	5.30	ug/Kg
591-78-6	2-Hexanone	3.90	U	3.90	26.6	ug/Kg
124-48-1	Dibromochloromethane	0.93	U	0.93	5.30	ug/Kg
106-93-4	1,2-Dibromoethane	0.94	U	0.94	5.30	ug/Kg
127-18-4	Tetrachloroethene	1.10	U	1.10	5.30	ug/Kg
108-90-7	Chlorobenzene	0.97	U	0.97	5.30	ug/Kg
100-41-4	Ethyl Benzene	0.71	U	0.71	5.30	ug/Kg
179601-23-1	m/p-Xylenes	1.30	U	1.30	10.6	ug/Kg
95-47-6	o-Xylene	0.87	U	0.87	5.30	ug/Kg
100-42-5	Styrene	0.76	U	0.76	5.30	ug/Kg
75-25-2	Bromoform	0.91	U	0.91	5.30	ug/Kg
98-82-8	Isopropylbenzene	0.83	U	0.83	5.30	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.30	U	1.30	5.30	ug/Kg
541-73-1	1,3-Dichlorobenzene	1.80	U	1.80	5.30	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.70	U	1.70	5.30	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.50	U	1.50	5.30	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	2.00	U	2.00	5.30	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.20	U	3.20	5.30	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	3.40	U	3.40	5.30	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	57.0		70 (63) - 130 (155)	114%	SPK: 50
1868-53-7	Dibromofluoromethane	52.8		70 (70) - 130 (134)	106%	SPK: 50
2037-26-5	Toluene-d8	52.1		70 (74) - 130 (123)	104%	SPK: 50
460-00-4	4-Bromofluorobenzene	46.3		70 (17) - 130 (146)	93%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	497000	7.707			
540-36-3	1,4-Difluorobenzene	948000	8.616			
3114-55-4	Chlorobenzene-d5	846000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	330000	13.34			

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

Report of Analysis

Client:	BAPS North Bergen Development Inc.	Date Collected:	08/15/25
Project:	BAPS 2000 Tonnelle Ave	Date Received:	08/15/25
Client Sample ID:	3-FLOOR-NORTH-D	SDG No.:	Q2892
Lab Sample ID:	Q2892-07	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	93.1
Sample Wt/Vol:	5.05 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023177.D	1	08/20/25 15:45	VY082025

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_Y\Data\VY082025\
Data File : VY023177.D
Acq On : 20 Aug 2025 15:45
Operator : SY/MD
Sample : Q2892-07
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
3-FLOOR-NORTH-D

Quant Time: Aug 21 01:40:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 02:10:11 2025
Response via : Initial Calibration

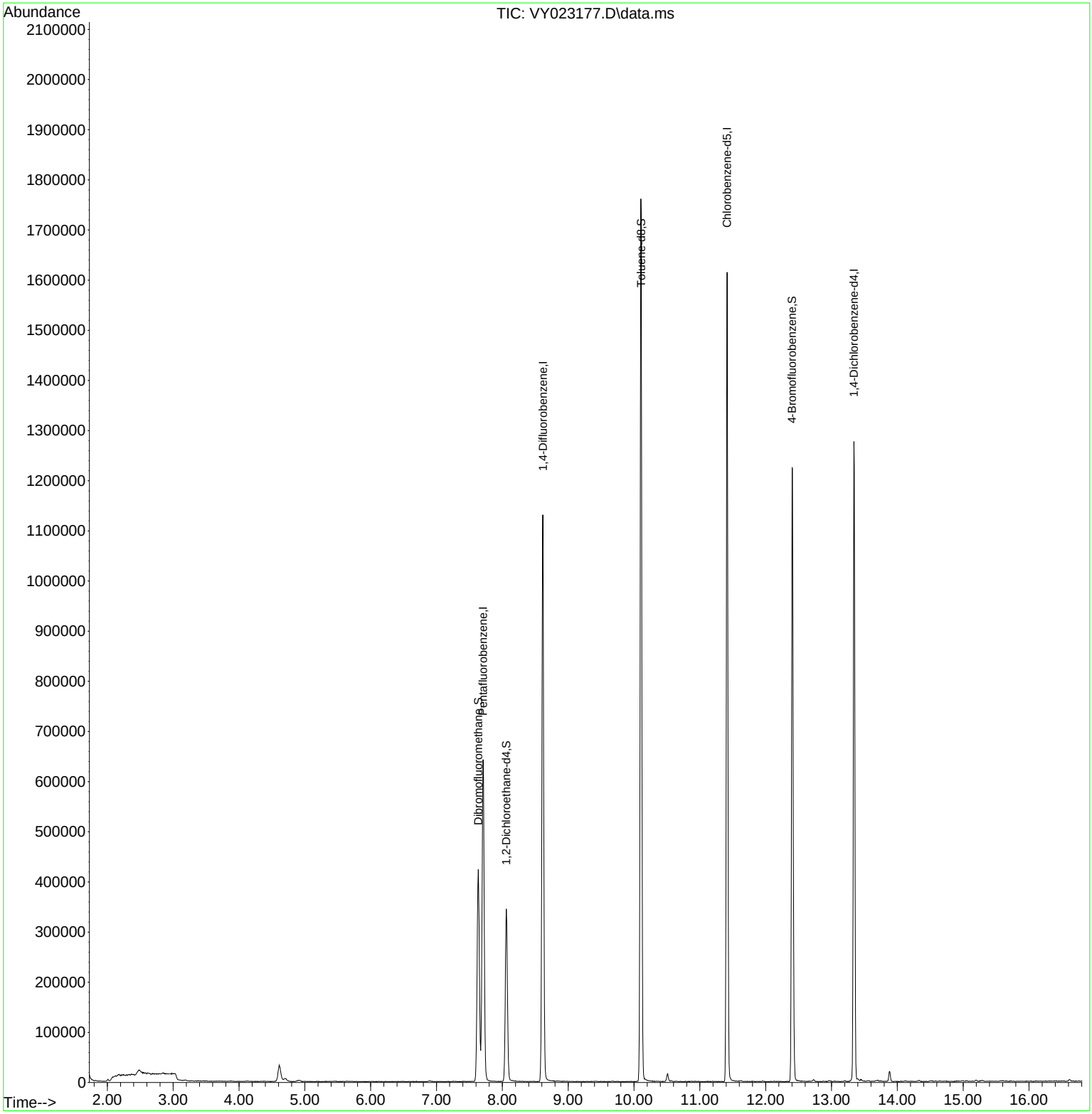
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	496959	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	948133	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	845587	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	329619	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	269775	56.958	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.920%			
35) Dibromofluoromethane	7.634	113	299461	52.784	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.560%			
50) Toluene-d8	10.109	98	1153895	52.063	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 104.120%			
62) 4-Bromofluorobenzene	12.402	95	330174	46.323	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 92.640%			
Target Compounds						Qvalue

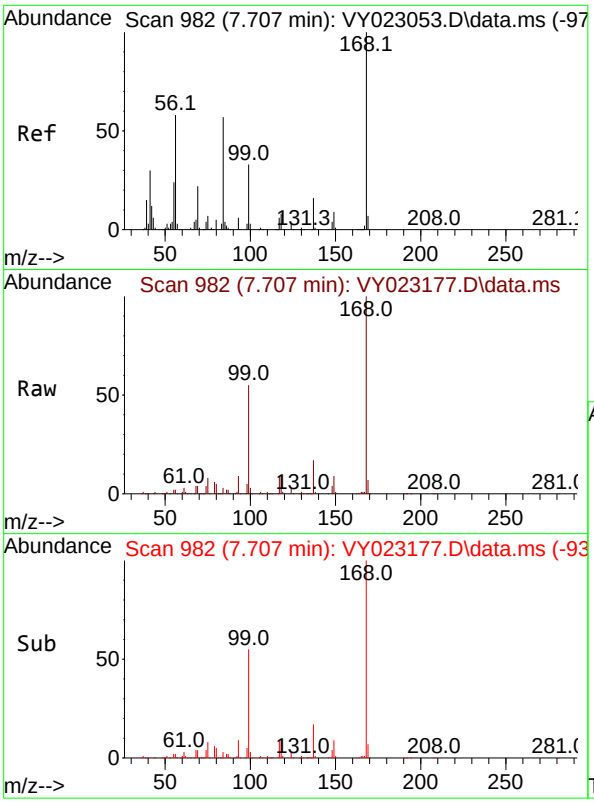
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082025\
Data File : VY023177.D
Acq On : 20 Aug 2025 15:45
Operator : SY/MD
Sample : Q2892-07
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
3-FLOOR-NORTH-D

Quant Time: Aug 21 01:40:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 02:10:11 2025
Response via : Initial Calibration



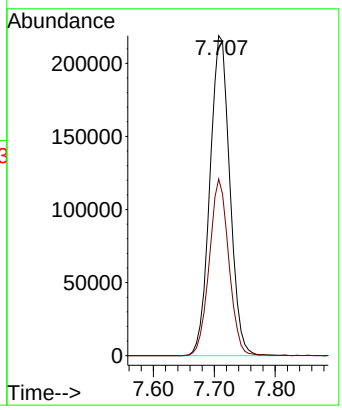


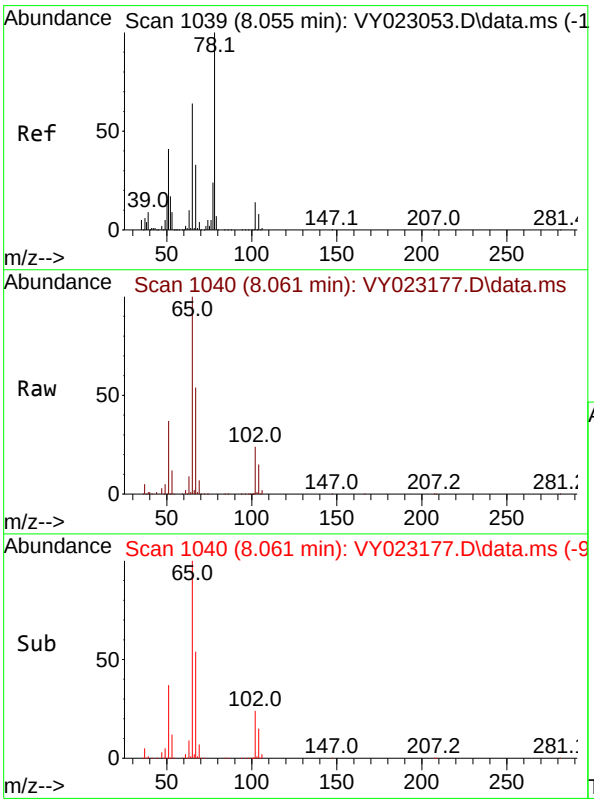
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY023177.D
Acq: 20 Aug 2025 15:45

Instrument :
MSVOA_Y
ClientSampleId :
3-FLOOR-NORTH-D

Tgt Ion:168 Resp: 496959

Ion	Ratio	Lower	Upper
168	100		
99	55.2	42.8	64.2

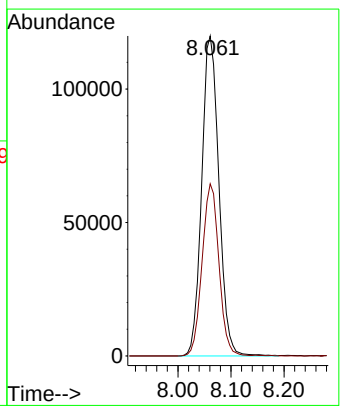


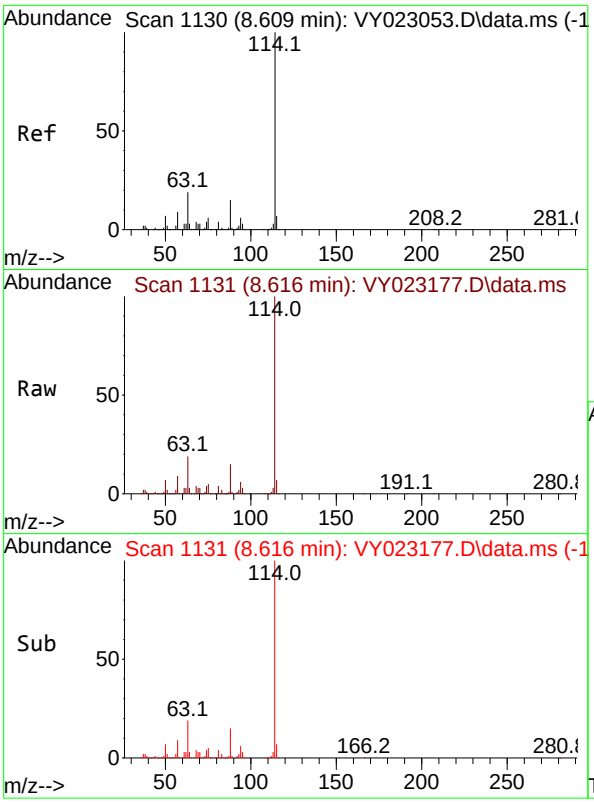


#33
1,2-Dichloroethane-d4
Concen: 56.958 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY023177.D
Acq: 20 Aug 2025 15:45

Tgt Ion: 65 Resp: 269775

Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	106.8



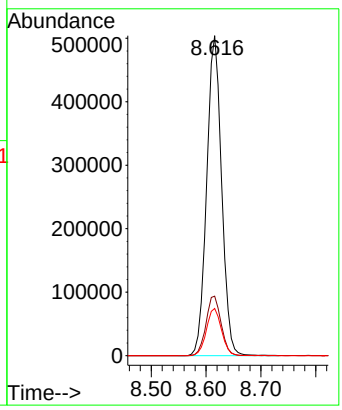


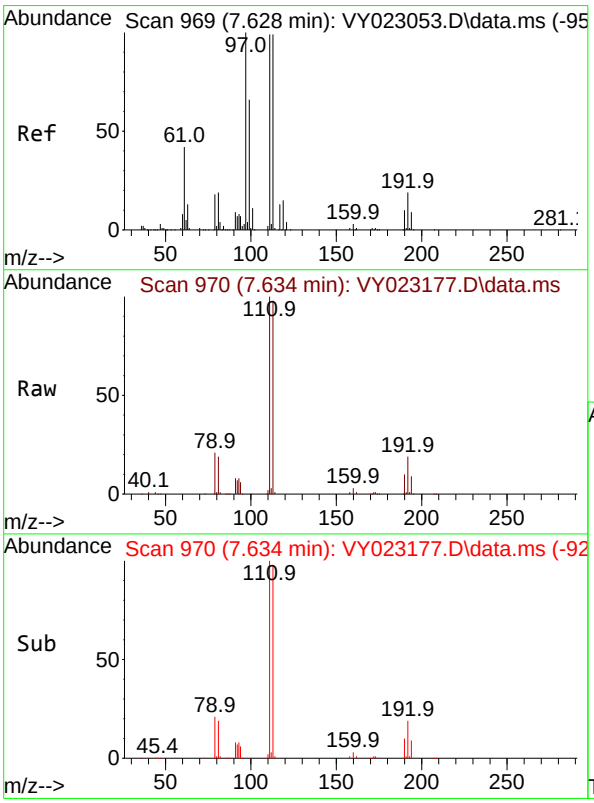
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023177.D
Acq: 20 Aug 2025 15:45

Instrument :
MSVOA_Y
ClientSampleId :
3-FLOOR-NORTH-D

Tgt Ion:114 Resp: 948133

Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	38.4
88	14.8	0.0	30.0

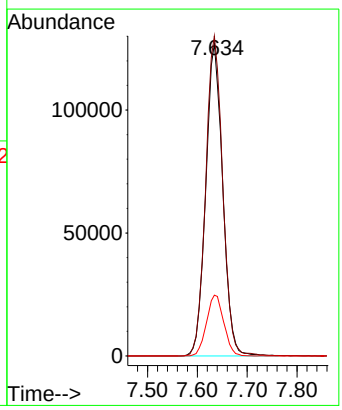


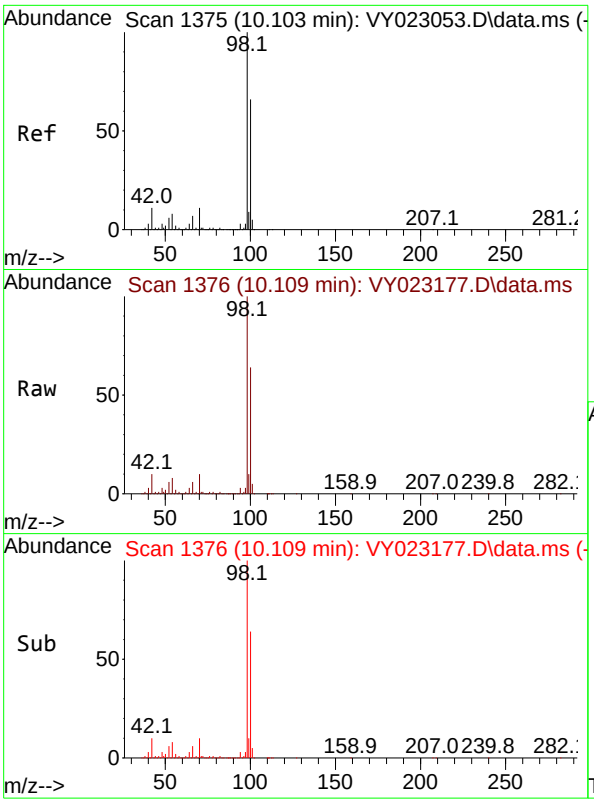


#35
Dibromofluoromethane
Concen: 52.784 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.006 min
Lab File: VY023177.D
Acq: 20 Aug 2025 15:45

Tgt Ion:113 Resp: 299461

Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.1	121.7
192	19.9	16.2	24.4



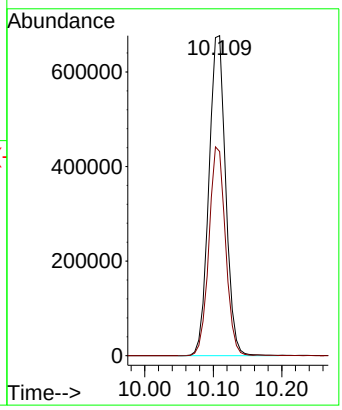


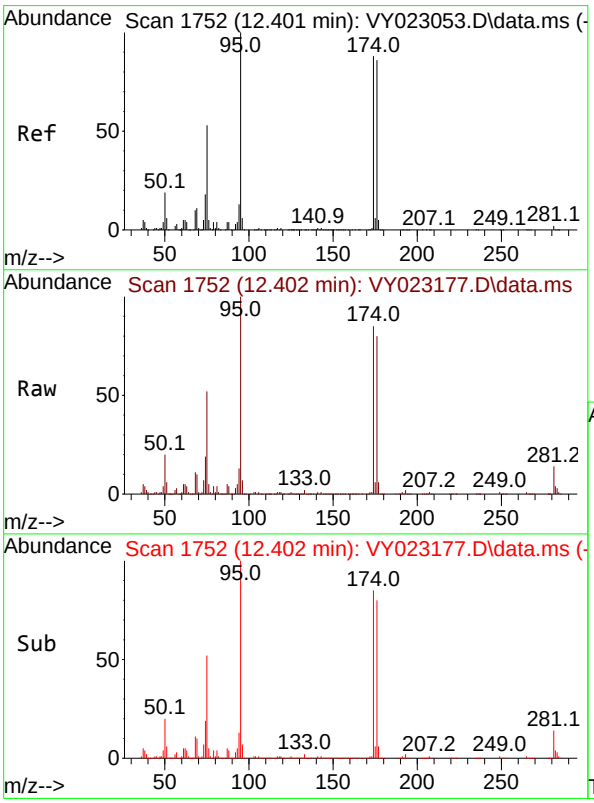
#50
Toluene-d8
Concen: 52.063 ug/l
RT: 10.109 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023177.D
Acq: 20 Aug 2025 15:45

Instrument :
MSVOA_Y
ClientSampleId :
3-FLOOR-NORTH-D

Tgt Ion: 98 Resp: 1153895

Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.3	78.5

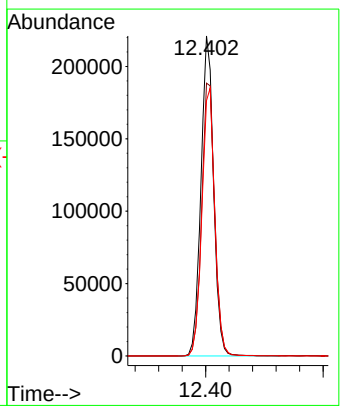


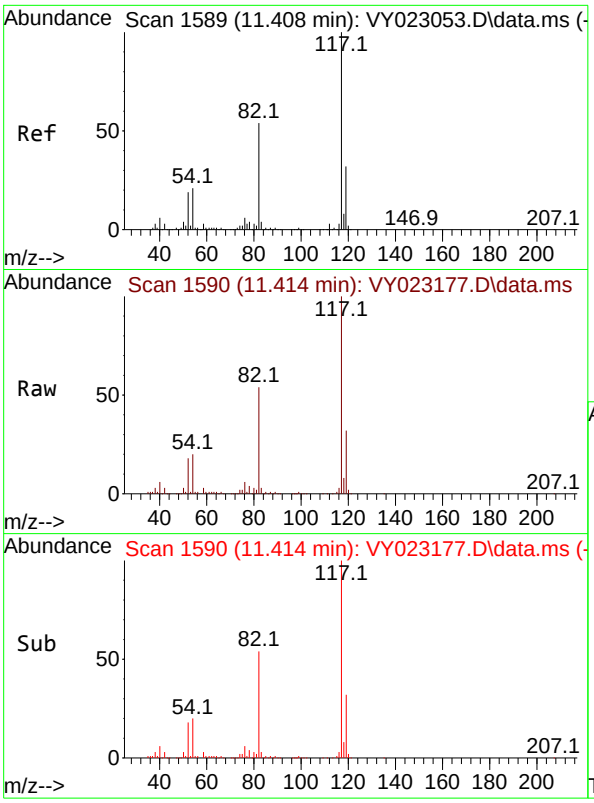


#62
4-Bromofluorobenzene
Concen: 46.323 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY023177.D
Acq: 20 Aug 2025 15:45

Tgt Ion: 95 Resp: 330174

Ion	Ratio	Lower	Upper
95	100		
174	88.0	0.0	171.6
176	85.2	0.0	167.6



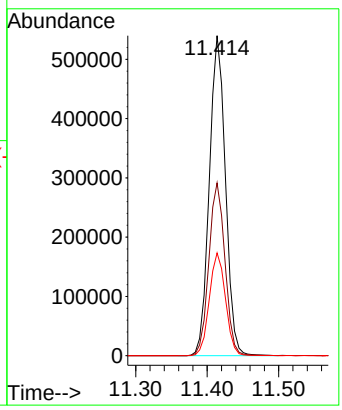


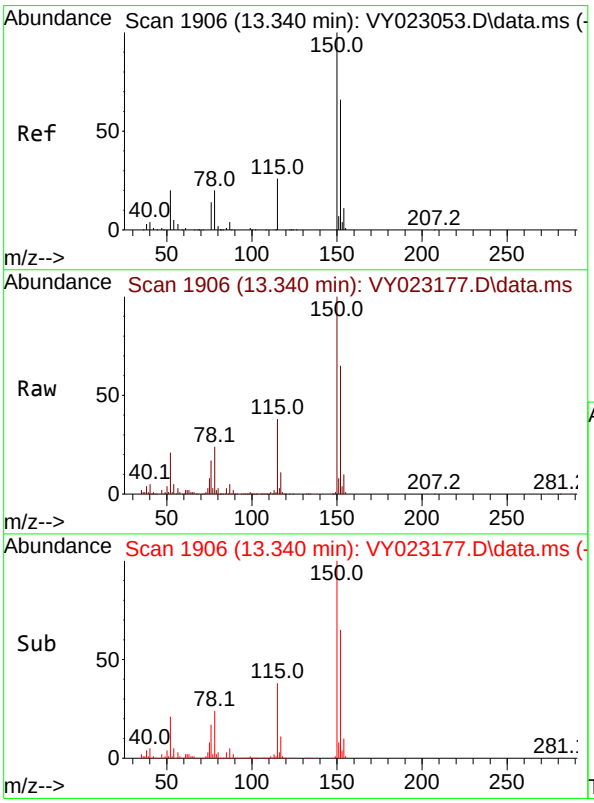
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023177.D
Acq: 20 Aug 2025 15:45

Instrument :
MSVOA_Y
ClientSampleId :
3-FLOOR-NORTH-D

Tgt Ion:117 Resp: 845587

Ion	Ratio	Lower	Upper
117	100		
82	54.0	43.4	65.0
119	32.1	25.6	38.4

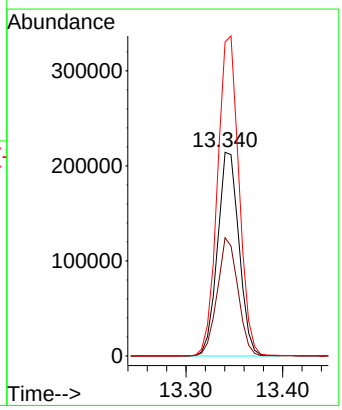




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.340 min Scan# 1906
Delta R.T. 0.000 min
Lab File: VY023177.D
Acq: 20 Aug 2025 15:45

Tgt Ion:152 Resp: 329619

Ion	Ratio	Lower	Upper
152	100		
115	56.4	28.2	84.6
150	157.2	0.0	348.0



Sample Results: **VY023177.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082025\
Data File : VY023177.D
Acq On : 20 Aug 2025 15:45
Operator : SY/MD
Sample : Q2892-07
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
3-FLOOR-NORTH-D

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Title : SW846 8260

Signal : TIC: VY023177.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.610	464	474	484	rBV2	32594	98312	3.28%	0.649%
2	7.634	959	970	976	rBV	423089	1003091	33.43%	6.621%
3	7.707	976	982	999	rVB	641411	1455016	48.49%	9.604%
4	8.061	1030	1040	1052	rBV	343850	765694	25.51%	5.054%
5	8.616	1121	1131	1150	rBV	1130126	2159697	71.97%	14.256%
6	10.103	1367	1375	1392	rBV	1759883	3000959	100.00%	19.809%
7	11.414	1582	1590	1603	rBV	1614309	2545106	84.81%	16.800%
8	12.402	1743	1752	1764	rBV2	1223869	2124241	70.79%	14.022%
9	13.340	1897	1906	1913	rBV	1275125	1963499	65.43%	12.961%
10	13.883	1989	1995	2001	rVB2	19653	34121	1.14%	0.225%

Sum of corrected areas: 15149736

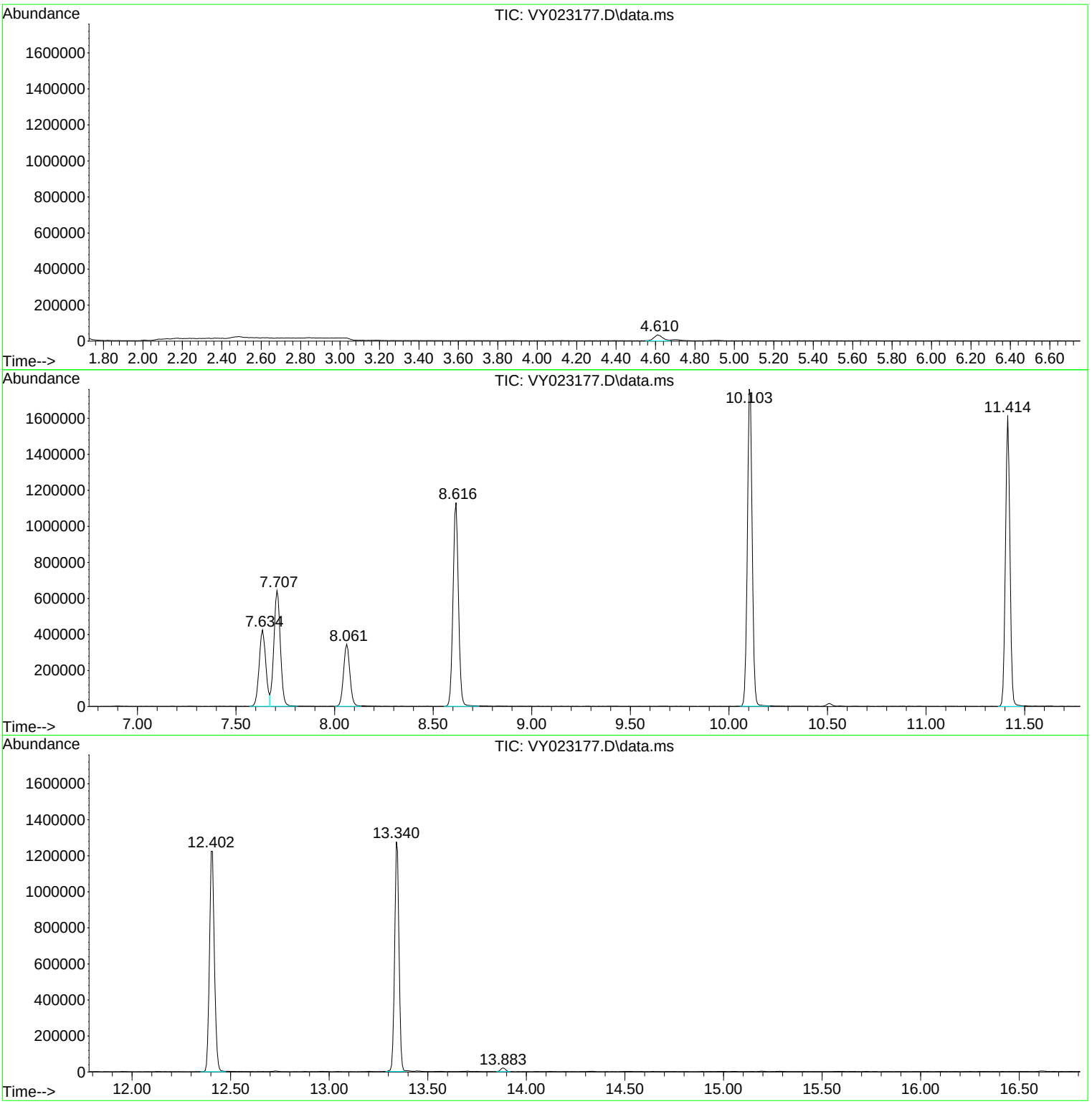
Sample Results: **VY023177.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082025\
Data File : VY023177.D
Acq On : 20 Aug 2025 15:45
Operator : SY/MD
Sample : Q2892-07
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
3-FLOOR-NORTH-D

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082025\
Data File : VY023177.D
Acq On : 20 Aug 2025 15:45
Operator : SY/MD
Sample : Q2892-07
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
3-FLOOR-NORTH-D

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082025\
Data File : VY023177.D
Acq On : 20 Aug 2025 15:45
Operator : SY/MD
Sample : Q2892-07
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
3-FLOOR-NORTH-D

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Raw Data: **VY023178.D**

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

Report of Analysis

Client:	BAPS North Bergen Development Inc.	Date Collected:	08/15/25
Project:	BAPS 2000 Tonnelle Ave	Date Received:	08/15/25
Client Sample ID:	3-FLOOR-SOUTH-E	SDG No.:	Q2892
Lab Sample ID:	Q2892-09	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	91.2
Sample Wt/Vol:	5.12 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023178.D	1	08/20/25 16:08	VY082025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.20	U	1.20	5.40	ug/Kg
74-87-3	Chloromethane	1.20	U	1.20	5.40	ug/Kg
75-01-4	Vinyl Chloride	0.85	U	0.85	5.40	ug/Kg
74-83-9	Bromomethane	1.10	U	1.10	5.40	ug/Kg
75-00-3	Chloroethane	1.30	U	1.30	5.40	ug/Kg
75-69-4	Trichlorofluoromethane	1.30	U	1.30	5.40	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.10	U	1.10	5.40	ug/Kg
75-35-4	1,1-Dichloroethene	1.10	U	1.10	5.40	ug/Kg
67-64-1	Acetone	5.10	U	5.10	26.8	ug/Kg
75-15-0	Carbon Disulfide	1.10	U	1.10	5.40	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.78	U	0.78	5.40	ug/Kg
79-20-9	Methyl Acetate	1.60	U	1.60	5.40	ug/Kg
75-09-2	Methylene Chloride	3.80	U	3.80	10.7	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.92	U	0.92	5.40	ug/Kg
75-34-3	1,1-Dichloroethane	0.86	U	0.86	5.40	ug/Kg
110-82-7	Cyclohexane	0.85	U	0.85	5.40	ug/Kg
78-93-3	2-Butanone	7.00	U	7.00	26.8	ug/Kg
56-23-5	Carbon Tetrachloride	1.00	U	1.00	5.40	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.80	U	0.80	5.40	ug/Kg
74-97-5	Bromochloromethane	1.20	U	1.20	5.40	ug/Kg
67-66-3	Chloroform	0.90	U	0.90	5.40	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.00	U	1.00	5.40	ug/Kg
108-87-2	Methylcyclohexane	0.97	U	0.97	5.40	ug/Kg
71-43-2	Benzene	0.85	U	0.85	5.40	ug/Kg
107-06-2	1,2-Dichloroethane	0.85	U	0.85	5.40	ug/Kg
79-01-6	Trichloroethene	0.87	U	0.87	5.40	ug/Kg
78-87-5	1,2-Dichloropropane	0.97	U	0.97	5.40	ug/Kg
75-27-4	Bromodichloromethane	0.84	U	0.84	5.40	ug/Kg
108-10-1	4-Methyl-2-Pentanone	3.80	U	3.80	26.8	ug/Kg
108-88-3	Toluene	0.84	U	0.84	5.40	ug/Kg

Raw Data: **VY023178.D**

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

Report of Analysis

Client:	BAPS North Bergen Development Inc.	Date Collected:	08/15/25
Project:	BAPS 2000 Tonnelle Ave	Date Received:	08/15/25
Client Sample ID:	3-FLOOR-SOUTH-E	SDG No.:	Q2892
Lab Sample ID:	Q2892-09	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	91.2
Sample Wt/Vol:	5.12 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023178.D	1	08/20/25 16:08	VY082025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.70	U	0.70	5.40	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.66	U	0.66	5.40	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.99	U	0.99	5.40	ug/Kg
591-78-6	2-Hexanone	4.00	U	4.00	26.8	ug/Kg
124-48-1	Dibromochloromethane	0.93	U	0.93	5.40	ug/Kg
106-93-4	1,2-Dibromoethane	0.94	U	0.94	5.40	ug/Kg
127-18-4	Tetrachloroethene	1.10	U	1.10	5.40	ug/Kg
108-90-7	Chlorobenzene	0.97	U	0.97	5.40	ug/Kg
100-41-4	Ethyl Benzene	0.72	U	0.72	5.40	ug/Kg
179601-23-1	m/p-Xylenes	1.30	U	1.30	10.7	ug/Kg
95-47-6	o-Xylene	0.88	U	0.88	5.40	ug/Kg
100-42-5	Styrene	0.76	U	0.76	5.40	ug/Kg
75-25-2	Bromoform	0.92	U	0.92	5.40	ug/Kg
98-82-8	Isopropylbenzene	0.84	U	0.84	5.40	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.30	U	1.30	5.40	ug/Kg
541-73-1	1,3-Dichlorobenzene	1.80	U	1.80	5.40	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.70	U	1.70	5.40	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.60	U	1.60	5.40	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	2.00	U	2.00	5.40	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.20	U	3.20	5.40	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	3.40	U	3.40	5.40	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	57.4		70 (63) - 130 (155)	115%	SPK: 50
1868-53-7	Dibromofluoromethane	53.6		70 (70) - 130 (134)	107%	SPK: 50
2037-26-5	Toluene-d8	51.9		70 (74) - 130 (123)	104%	SPK: 50
460-00-4	4-Bromofluorobenzene	46.7		70 (17) - 130 (146)	93%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	495000	7.713			
540-36-3	1,4-Difluorobenzene	934000	8.616			
3114-55-4	Chlorobenzene-d5	840000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	335000	13.346			

Raw Data: **VY023178.D**

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

Report of Analysis

Client:	BAPS North Bergen Development Inc.	Date Collected:	08/15/25
Project:	BAPS 2000 Tonnelle Ave	Date Received:	08/15/25
Client Sample ID:	3-FLOOR-SOUTH-E	SDG No.:	Q2892
Lab Sample ID:	Q2892-09	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	91.2
Sample Wt/Vol:	5.12 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023178.D	1	08/20/25 16:08	VY082025

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_Y\Data\VY082025\
Data File : VY023178.D
Acq On : 20 Aug 2025 16:08
Operator : SY/MD
Sample : Q2892-09
Misc : 5.12g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
3-FLOOR-SOUTH-E

Quant Time: Aug 21 01:40:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 02:10:11 2025
Response via : Initial Calibration

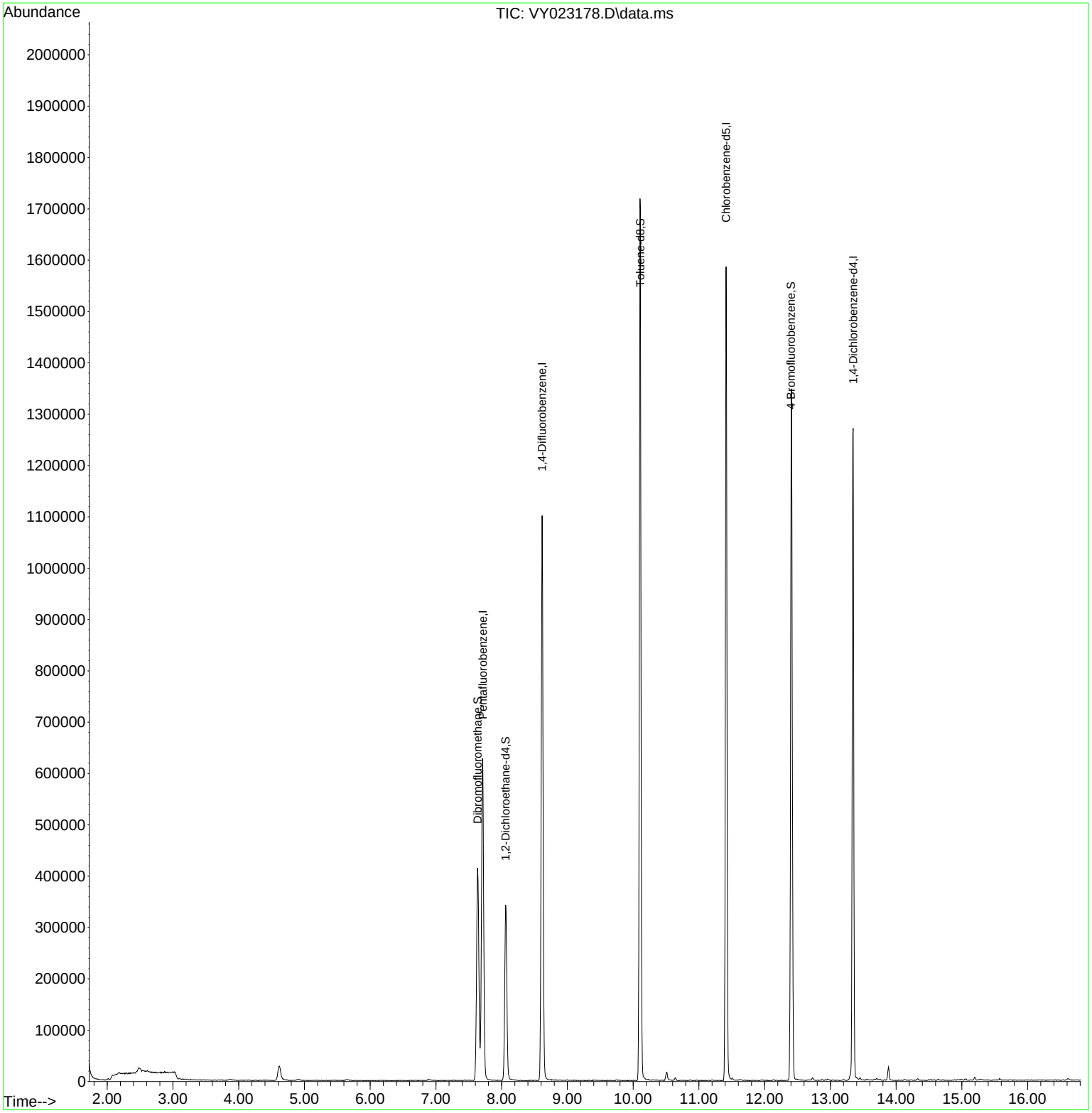
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	494911	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	934233	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	840073	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	335210	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	270806	57.413	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 114.820%			
35) Dibromofluoromethane	7.634	113	299808	53.631	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.260%			
50) Toluene-d8	10.109	98	1132618	51.864	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 103.720%			
62) 4-Bromofluorobenzene	12.401	95	328042	46.708	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 93.420%			
Target Compounds						Qvalue

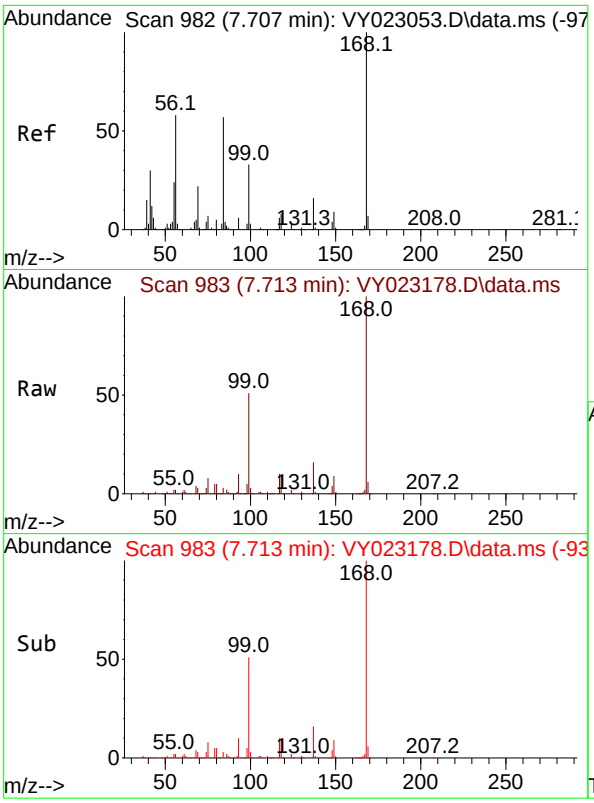
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082025\
Data File : VY023178.D
Acq On : 20 Aug 2025 16:08
Operator : SY/MD
Sample : Q2892-09
Misc : 5.12g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
3-FLOOR-SOUTH-E

Quant Time: Aug 21 01:40:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 02:10:11 2025
Response via : Initial Calibration



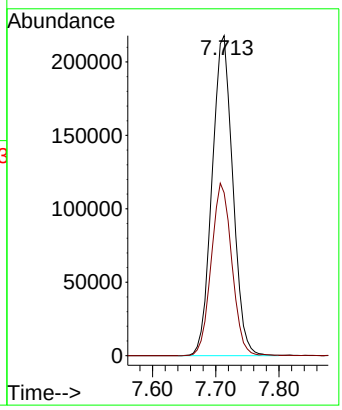


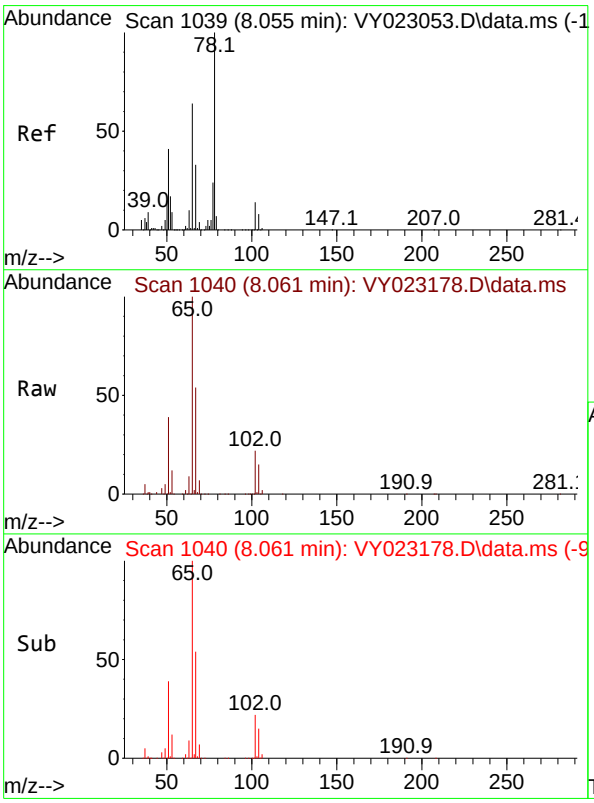
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY023178.D
Acq: 20 Aug 2025 16:08

Instrument :
MSVOA_Y
ClientSampleId :
3-FLOOR-SOUTH-E

Tgt Ion:168 Resp: 494911

Ion	Ratio	Lower	Upper
168	100		
99	50.9	42.8	64.2

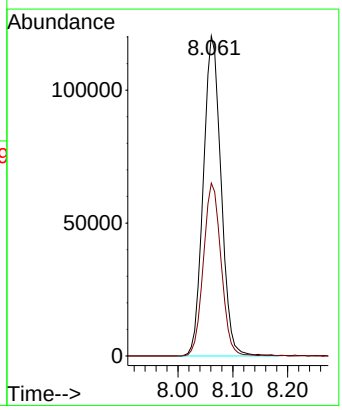


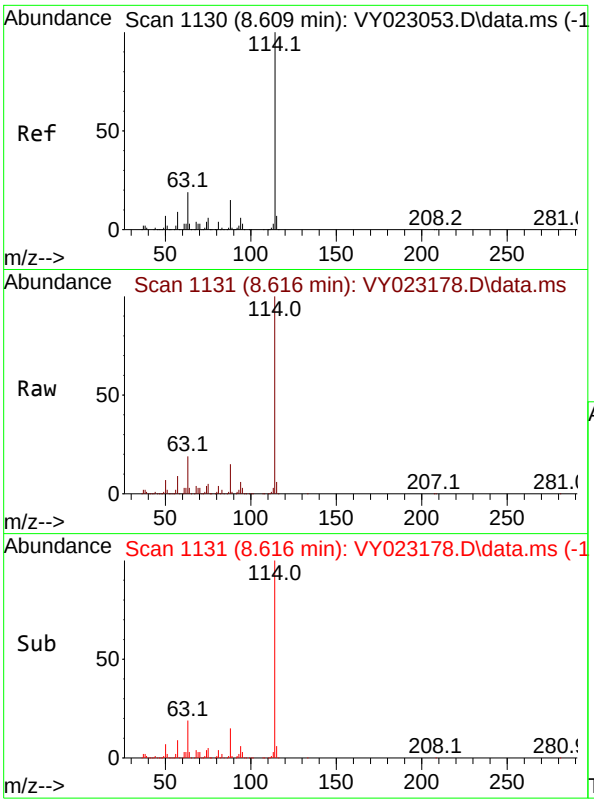


#33
1,2-Dichloroethane-d4
Concen: 57.413 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY023178.D
Acq: 20 Aug 2025 16:08

Tgt Ion: 65 Resp: 270806

Ion	Ratio	Lower	Upper
65	100		
67	53.7	0.0	106.8



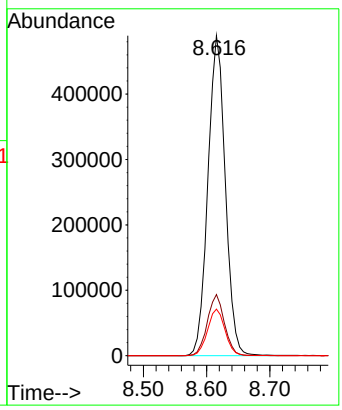


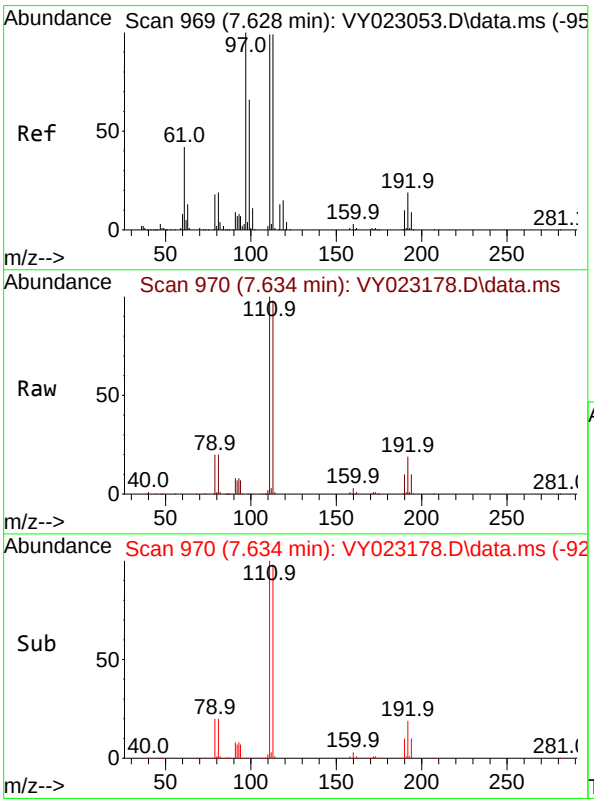
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023178.D
Acq: 20 Aug 2025 16:08

Instrument :
MSVOA_Y
ClientSampleId :
3-FLOOR-SOUTH-E

Tgt Ion:114 Resp: 934233

Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	38.4
88	14.6	0.0	30.0

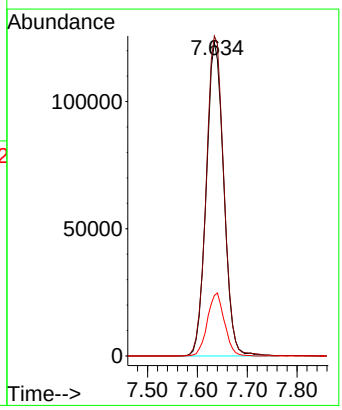


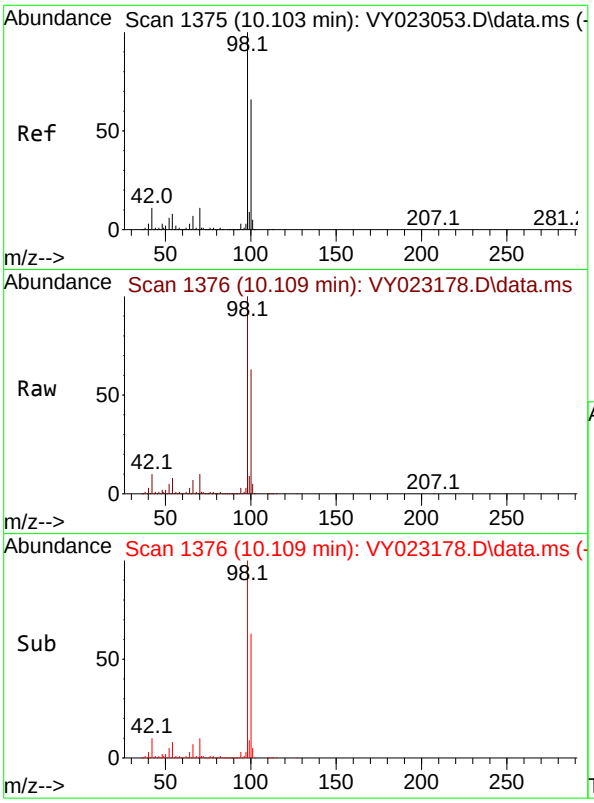


#35
Dibromofluoromethane
Concen: 53.631 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.006 min
Lab File: VY023178.D
Acq: 20 Aug 2025 16:08

Tgt Ion:113 Resp: 299808

Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.1	121.7
192	19.6	16.2	24.4



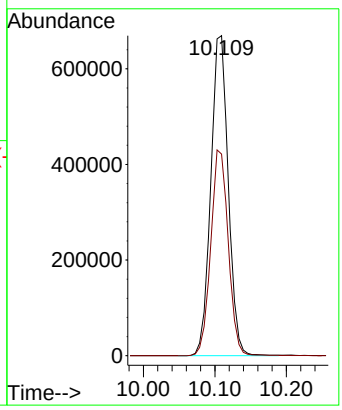


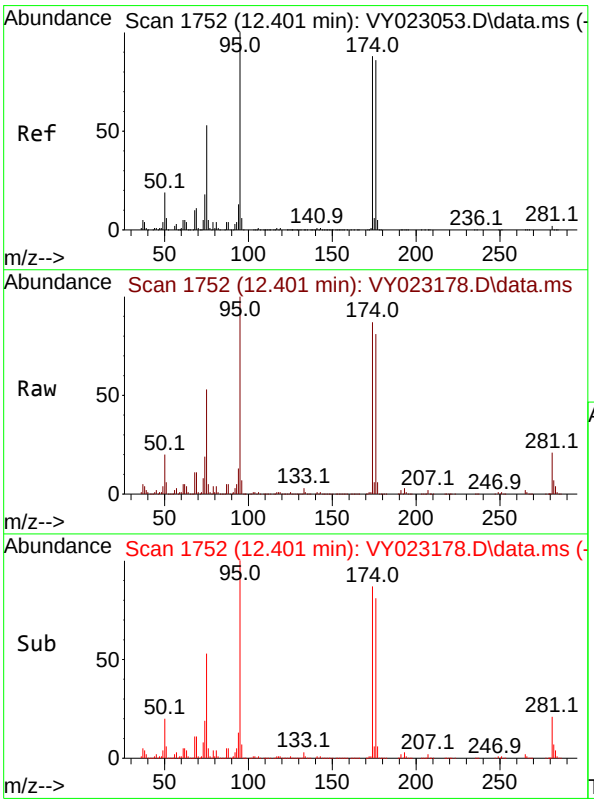
#50
Toluene-d8
Concen: 51.864 ug/l
RT: 10.109 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023178.D
Acq: 20 Aug 2025 16:08

Instrument :
MSVOA_Y
ClientSampleId :
3-FLOOR-SOUTH-E

Tgt Ion: 98 Resp: 1132618

Ion	Ratio	Lower	Upper
98	100		
100	64.5	52.3	78.5

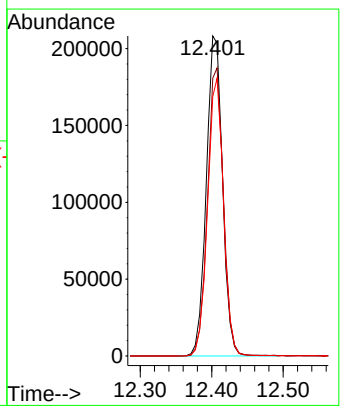


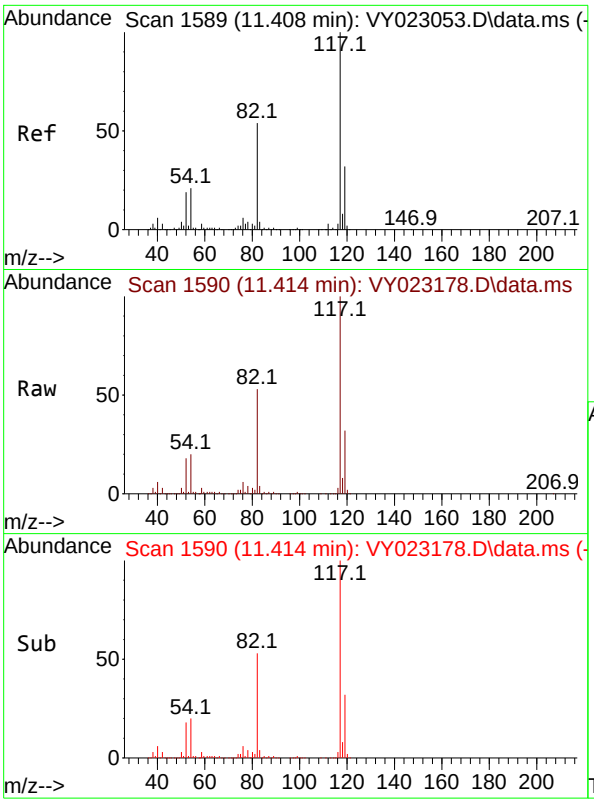


#62
4-Bromofluorobenzene
Concen: 46.708 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY023178.D
Acq: 20 Aug 2025 16:08

Tgt Ion: 95 Resp: 328042

Ion	Ratio	Lower	Upper
95	100		
174	88.5	0.0	171.6
176	84.9	0.0	167.6



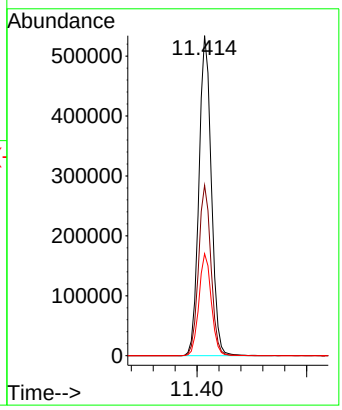


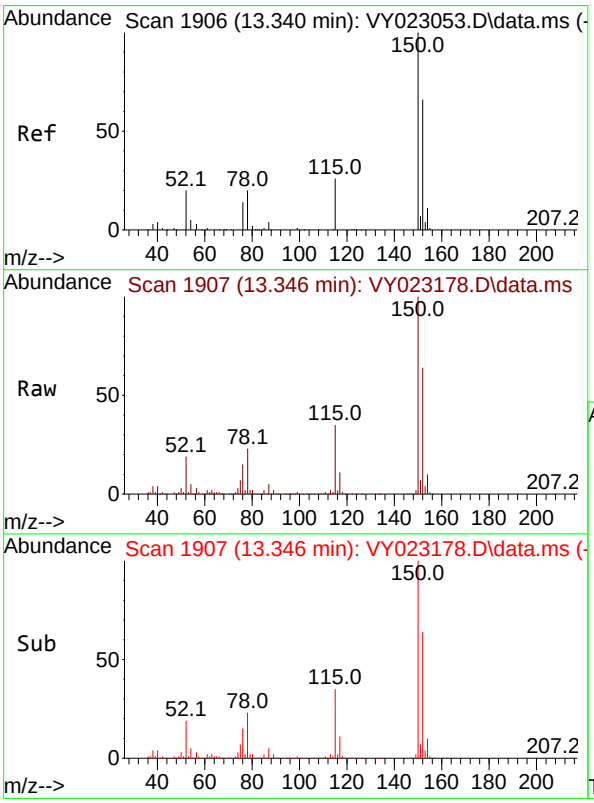
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023178.D
Acq: 20 Aug 2025 16:08

Instrument :
MSVOA_Y
ClientSampleId :
3-FLOOR-SOUTH-E

Tgt Ion:117 Resp: 840073

Ion	Ratio	Lower	Upper
117	100		
82	53.3	43.4	65.0
119	31.8	25.6	38.4

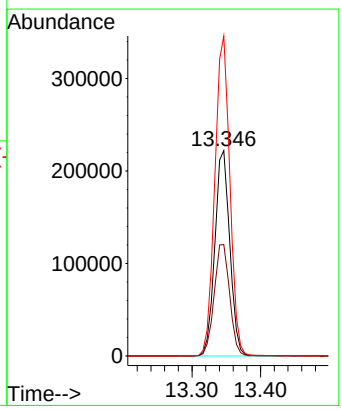




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VY023178.D
Acq: 20 Aug 2025 16:08

Tgt Ion:152 Resp: 335210

Ion	Ratio	Lower	Upper
152	100		
115	56.4	28.2	84.6
150	156.6	0.0	348.0



Sample Results: **VY023178.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082025\
Data File : VY023178.D
Acq On : 20 Aug 2025 16:08
Operator : SY/MD
Sample : Q2892-09
Misc : 5.12g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
3-FLOOR-SOUTH-E

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Title : SW846 8260

Signal : TIC: VY023178.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.616	464	475	484	rBV	28407	89539	3.04%	0.583%
2	7.634	959	970	976	rBV2	414158	995862	33.81%	6.479%
3	7.707	976	982	998	rVB	626265	1443896	49.02%	9.395%
4	8.061	1031	1040	1053	rBV	342048	772291	26.22%	5.025%
5	8.616	1122	1131	1149	rBV	1100464	2119993	71.97%	13.794%
6	10.103	1367	1375	1394	rBV	1718028	2945799	100.00%	19.167%
7	10.505	1436	1441	1448	rBV	16333	32609	1.11%	0.212%
8	11.414	1583	1590	1603	rBV	1585652	2512395	85.29%	16.347%
9	12.408	1745	1753	1763	rBV2	1347106	2397492	81.39%	15.599%
10	13.346	1894	1907	1920	rBV	1270163	2017973	68.50%	13.130%
11	13.883	1988	1995	2002	rBV	25972	41599	1.41%	0.271%

Sum of corrected areas: 15369448

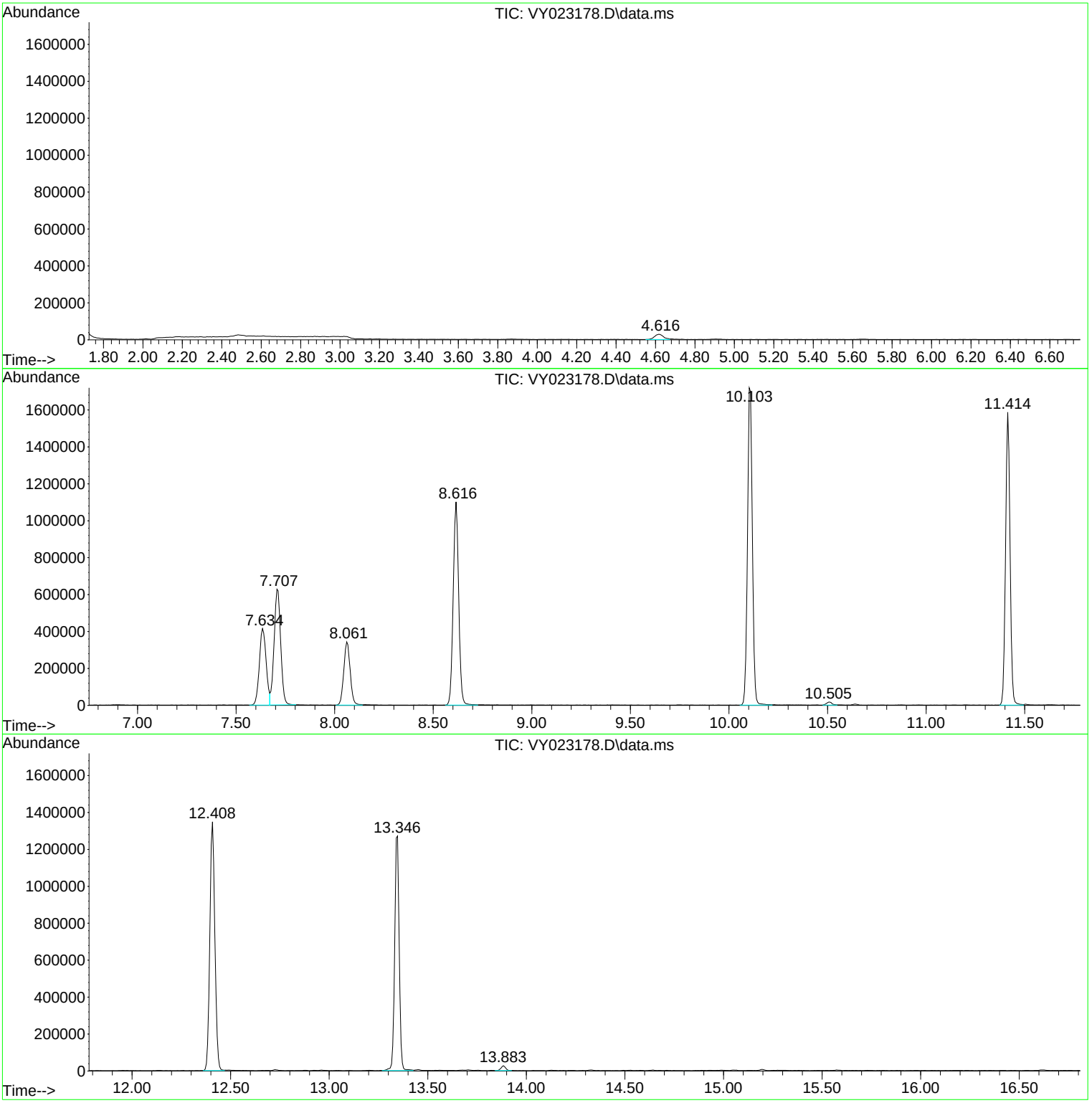
Sample Results: **VY023178.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082025\
Data File : VY023178.D
Acq On : 20 Aug 2025 16:08
Operator : SY/MD
Sample : Q2892-09
Misc : 5.12g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
3-FLOOR-SOUTH-E

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Sample Results: **VY023178.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082025\
Data File : VY023178.D
Acq On : 20 Aug 2025 16:08
Operator : SY/MD
Sample : Q2892-09
Misc : 5.12g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
3-FLOOR-SOUTH-E

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082025\
Data File : VY023178.D
Acq On : 20 Aug 2025 16:08
Operator : SY/MD
Sample : Q2892-09
Misc : 5.12g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
3-FLOOR-SOUTH-E

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Raw Data: **VY023179.D**

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

Report of Analysis

Client:	BAPS North Bergen Development Inc.	Date Collected:	08/15/25
Project:	BAPS 2000 Tonnelle Ave	Date Received:	08/15/25
Client Sample ID:	FRONT-1-FLOOR-F	SDG No.:	Q2892
Lab Sample ID:	Q2892-11	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	90.7
Sample Wt/Vol:	5.68 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023179.D	1	08/20/25 16:32	VY082025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.10	U	1.10	4.90	ug/Kg
74-87-3	Chloromethane	1.10	U	1.10	4.90	ug/Kg
75-01-4	Vinyl Chloride	0.77	U	0.77	4.90	ug/Kg
74-83-9	Bromomethane	1.00	U	1.00	4.90	ug/Kg
75-00-3	Chloroethane	1.20	U	1.20	4.90	ug/Kg
75-69-4	Trichlorofluoromethane	1.20	U	1.20	4.90	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.00	U	1.00	4.90	ug/Kg
75-35-4	1,1-Dichloroethene	0.97	U	0.97	4.90	ug/Kg
67-64-1	Acetone	4.60	U	4.60	24.3	ug/Kg
75-15-0	Carbon Disulfide	1.00	U	1.00	4.90	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.71	U	0.71	4.90	ug/Kg
79-20-9	Methyl Acetate	1.50	U	1.50	4.90	ug/Kg
75-09-2	Methylene Chloride	3.40	U	3.40	9.70	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.83	U	0.83	4.90	ug/Kg
75-34-3	1,1-Dichloroethane	0.78	U	0.78	4.90	ug/Kg
110-82-7	Cyclohexane	0.77	U	0.77	4.90	ug/Kg
78-93-3	2-Butanone	6.30	U	6.30	24.3	ug/Kg
56-23-5	Carbon Tetrachloride	0.94	U	0.94	4.90	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.73	U	0.73	4.90	ug/Kg
74-97-5	Bromochloromethane	1.10	U	1.10	4.90	ug/Kg
67-66-3	Chloroform	0.82	U	0.82	4.90	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.90	U	0.90	4.90	ug/Kg
108-87-2	Methylcyclohexane	0.88	U	0.88	4.90	ug/Kg
71-43-2	Benzene	0.77	U	0.77	4.90	ug/Kg
107-06-2	1,2-Dichloroethane	0.77	U	0.77	4.90	ug/Kg
79-01-6	Trichloroethene	0.79	U	0.79	4.90	ug/Kg
78-87-5	1,2-Dichloropropane	0.88	U	0.88	4.90	ug/Kg
75-27-4	Bromodichloromethane	0.76	U	0.76	4.90	ug/Kg
108-10-1	4-Methyl-2-Pentanone	3.50	U	3.50	24.3	ug/Kg
108-88-3	Toluene	0.76	U	0.76	4.90	ug/Kg

Raw Data: **VY023179.D**

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

Report of Analysis

Client:	BAPS North Bergen Development Inc.	Date Collected:	08/15/25
Project:	BAPS 2000 Tonnelle Ave	Date Received:	08/15/25
Client Sample ID:	FRONT-1-FLOOR-F	SDG No.:	Q2892
Lab Sample ID:	Q2892-11	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	90.7
Sample Wt/Vol:	5.68 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023179.D	1	08/20/25 16:32	VY082025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.63	U	0.63	4.90	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.60	U	0.60	4.90	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.89	U	0.89	4.90	ug/Kg
591-78-6	2-Hexanone	3.60	U	3.60	24.3	ug/Kg
124-48-1	Dibromochloromethane	0.84	U	0.84	4.90	ug/Kg
106-93-4	1,2-Dibromoethane	0.85	U	0.85	4.90	ug/Kg
127-18-4	Tetrachloroethene	1.00	U	1.00	4.90	ug/Kg
108-90-7	Chlorobenzene	0.88	U	0.88	4.90	ug/Kg
100-41-4	Ethyl Benzene	0.65	U	0.65	4.90	ug/Kg
179601-23-1	m/p-Xylenes	1.20	U	1.20	9.70	ug/Kg
95-47-6	o-Xylene	0.80	U	0.80	4.90	ug/Kg
100-42-5	Styrene	0.69	U	0.69	4.90	ug/Kg
75-25-2	Bromoform	0.83	U	0.83	4.90	ug/Kg
98-82-8	Isopropylbenzene	0.76	U	0.76	4.90	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.20	U	1.20	4.90	ug/Kg
541-73-1	1,3-Dichlorobenzene	1.70	U	1.70	4.90	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.50	U	1.50	4.90	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.40	U	1.40	4.90	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.80	U	1.80	4.90	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	2.90	U	2.90	4.90	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	3.10	U	3.10	4.90	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	56.8		70 (63) - 130 (155)	114%	SPK: 50
1868-53-7	Dibromofluoromethane	52.9		70 (70) - 130 (134)	106%	SPK: 50
2037-26-5	Toluene-d8	51.6		70 (74) - 130 (123)	103%	SPK: 50
460-00-4	4-Bromofluorobenzene	45.9		70 (17) - 130 (146)	92%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	487000	7.707			
540-36-3	1,4-Difluorobenzene	906000	8.616			
3114-55-4	Chlorobenzene-d5	806000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	313000	13.346			

Raw Data: **VY023179.D**

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

Report of Analysis

Client:	BAPS North Bergen Development Inc.	Date Collected:	08/15/25
Project:	BAPS 2000 Tonnelle Ave	Date Received:	08/15/25
Client Sample ID:	FRONT-1-FLOOR-F	SDG No.:	Q2892
Lab Sample ID:	Q2892-11	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	90.7
Sample Wt/Vol:	5.68 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023179.D	1	08/20/25 16:32	VY082025

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_Y\Data\VY082025\
Data File : VY023179.D
Acq On : 20 Aug 2025 16:32
Operator : SY/MD
Sample : Q2892-11
Misc : 5.68g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
FRONT-1-FLOOR-F

Quant Time: Aug 21 01:40:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 02:10:11 2025
Response via : Initial Calibration

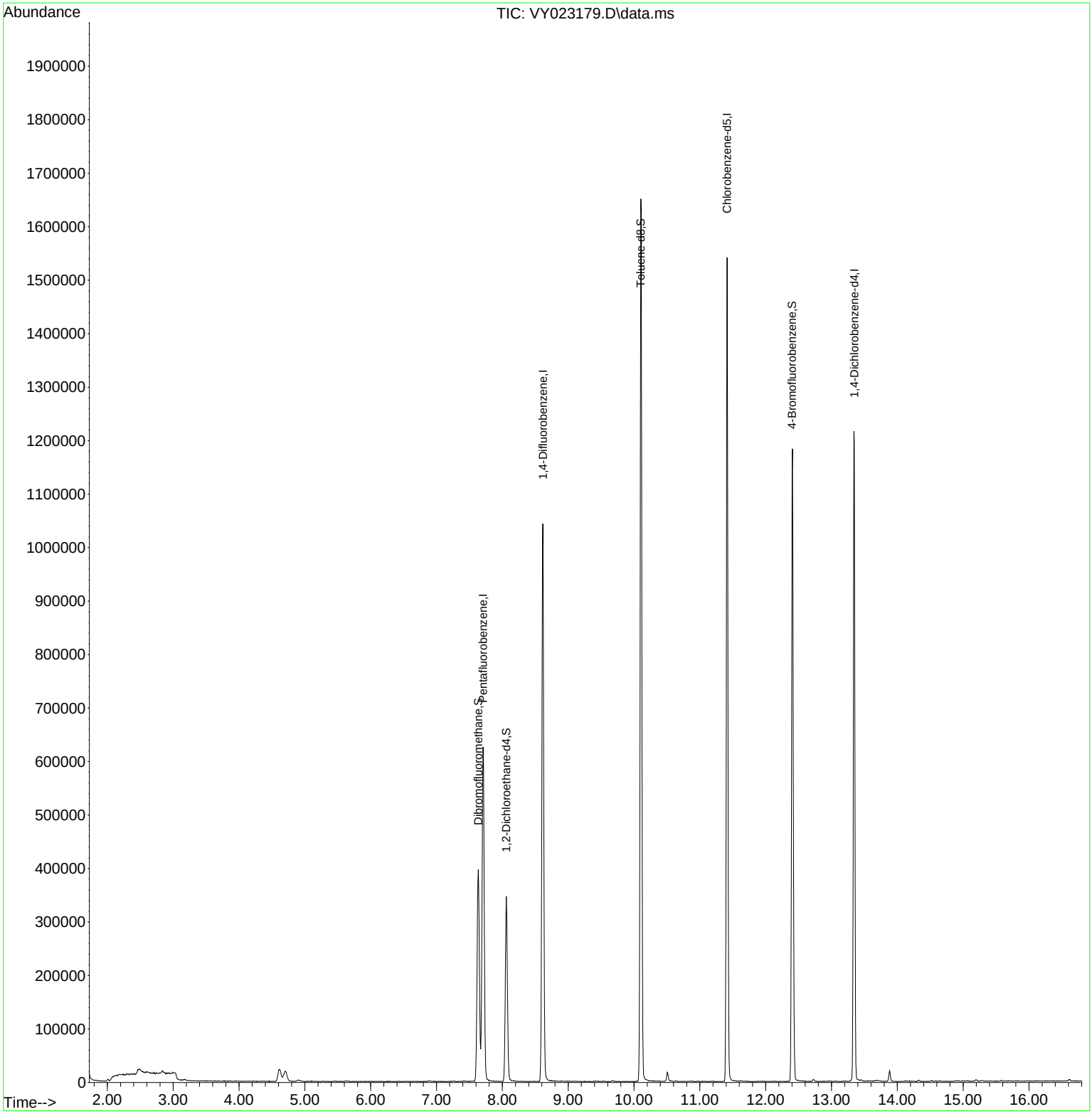
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	486603	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	905782	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	805970	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	312976	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	263323	56.779	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.560%			
35) Dibromofluoromethane	7.634	113	286482	52.857	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.720%			
50) Toluene-d8	10.103	98	1093222	51.632	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 103.260%			
62) 4-Bromofluorobenzene	12.402	95	312300	45.864	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 91.720%			
Target Compounds						Qvalue

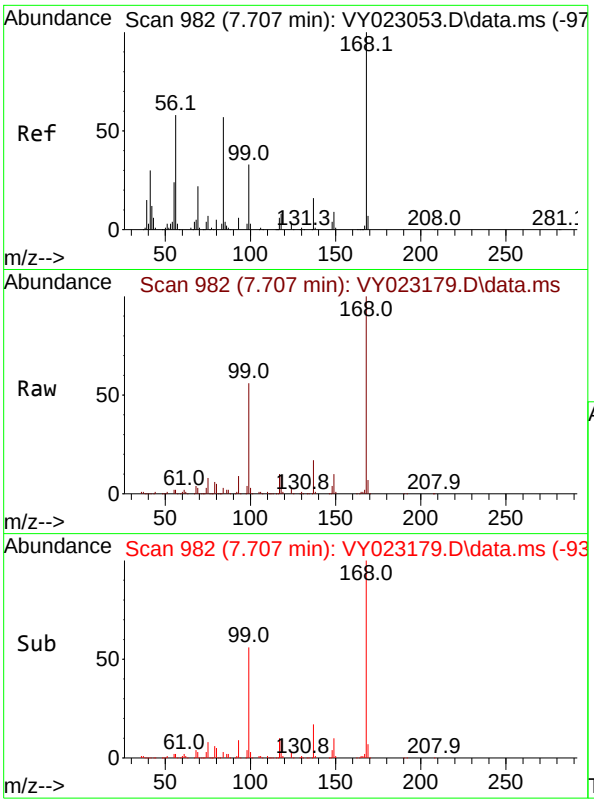
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082025\
Data File : VY023179.D
Acq On : 20 Aug 2025 16:32
Operator : SY/MD
Sample : Q2892-11
Misc : 5.68g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
FRONT-1-FLOOR-F

Quant Time: Aug 21 01:40:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 02:10:11 2025
Response via : Initial Calibration



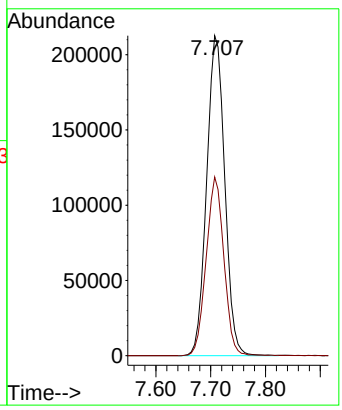


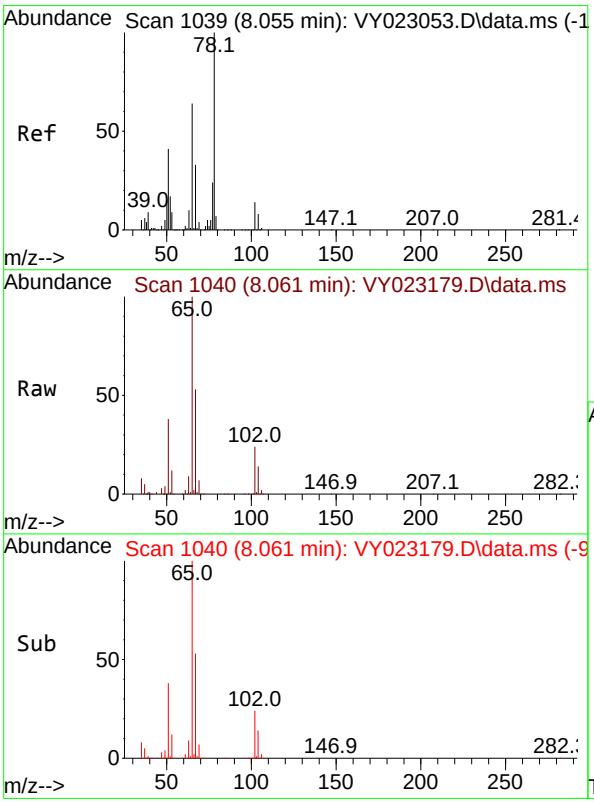
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY023179.D
Acq: 20 Aug 2025 16:32

Instrument :
MSVOA_Y
ClientSampleId :
FRONT-1-FLOOR-F

Tgt Ion:168 Resp: 486603

Ion	Ratio	Lower	Upper
168	100		
99	55.9	42.8	64.2

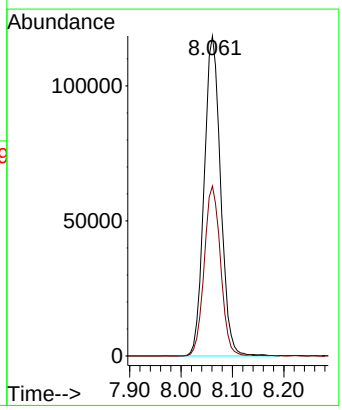


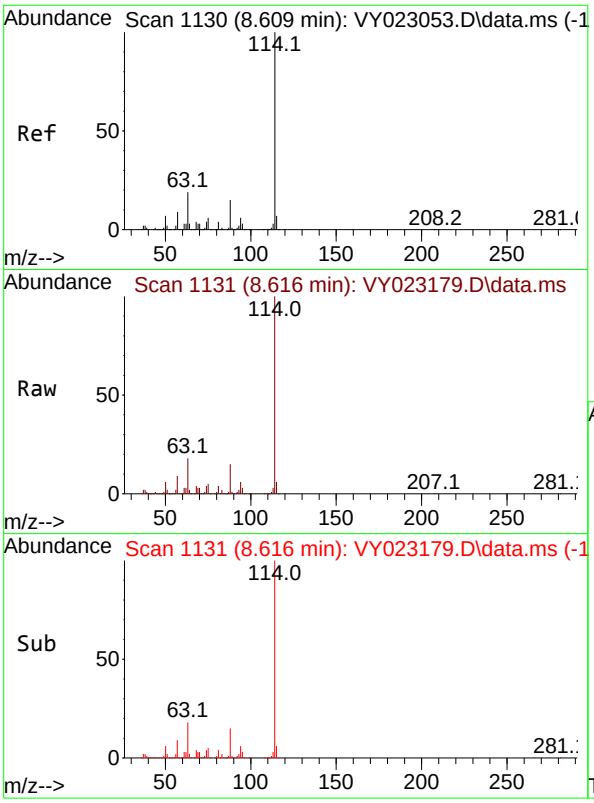


#33
1,2-Dichloroethane-d4
Concen: 56.779 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY023179.D
Acq: 20 Aug 2025 16:32

Tgt Ion: 65 Resp: 263323

Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	106.8



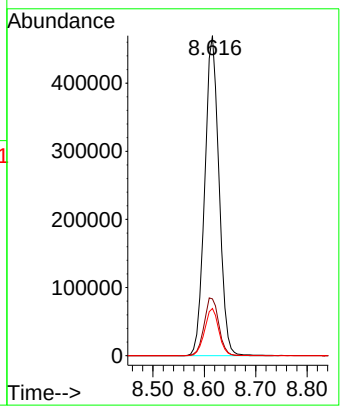


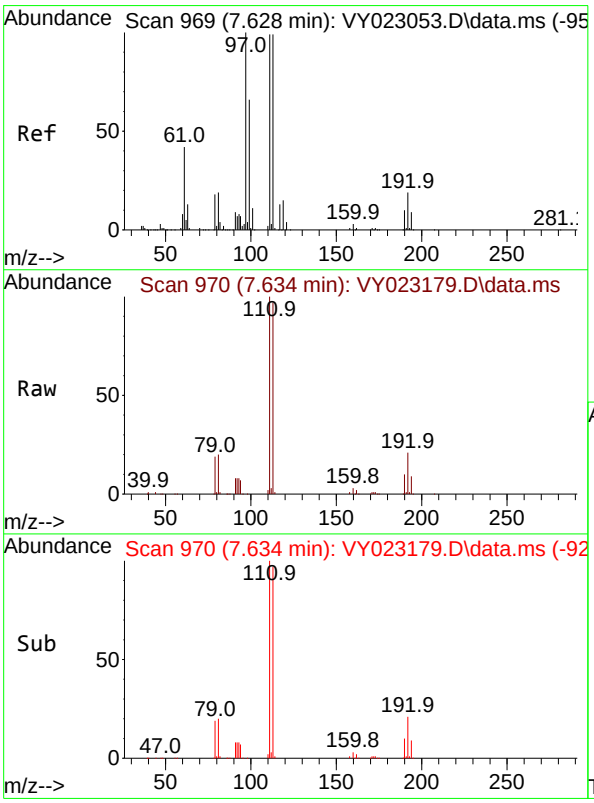
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023179.D
Acq: 20 Aug 2025 16:32

Instrument :
MSVOA_Y
ClientSampleId :
FRONT-1-FLOOR-F

Tgt Ion:114 Resp: 905782

Ion	Ratio	Lower	Upper
114	100		
63	17.7	0.0	38.4
88	14.8	0.0	30.0

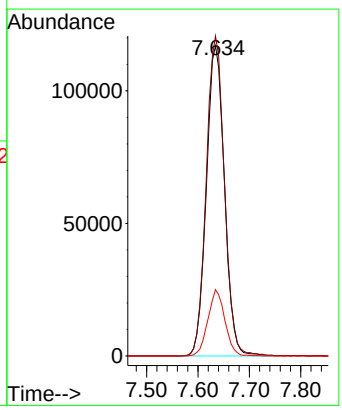


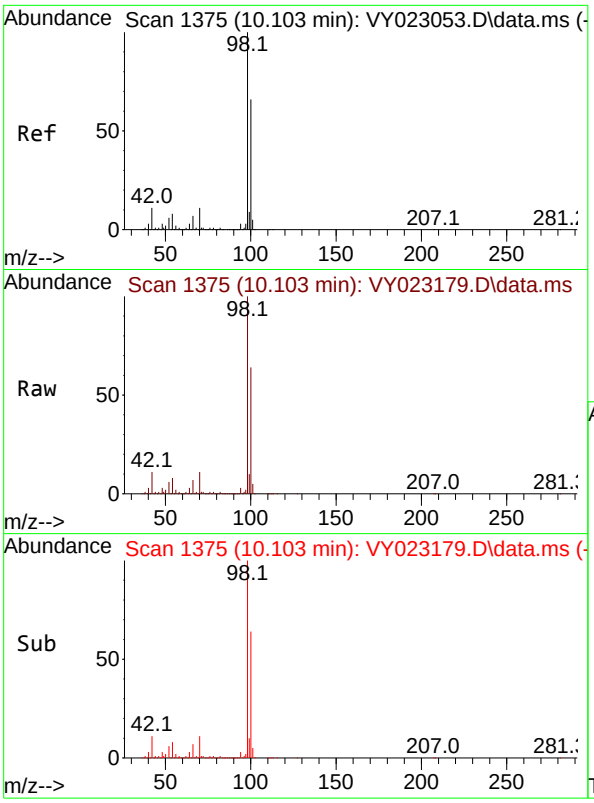


#35
Dibromofluoromethane
Concen: 52.857 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.006 min
Lab File: VY023179.D
Acq: 20 Aug 2025 16:32

Tgt Ion:113 Resp: 286482

Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.1	121.7
192	20.1	16.2	24.4



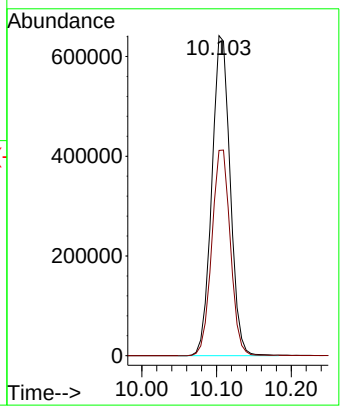


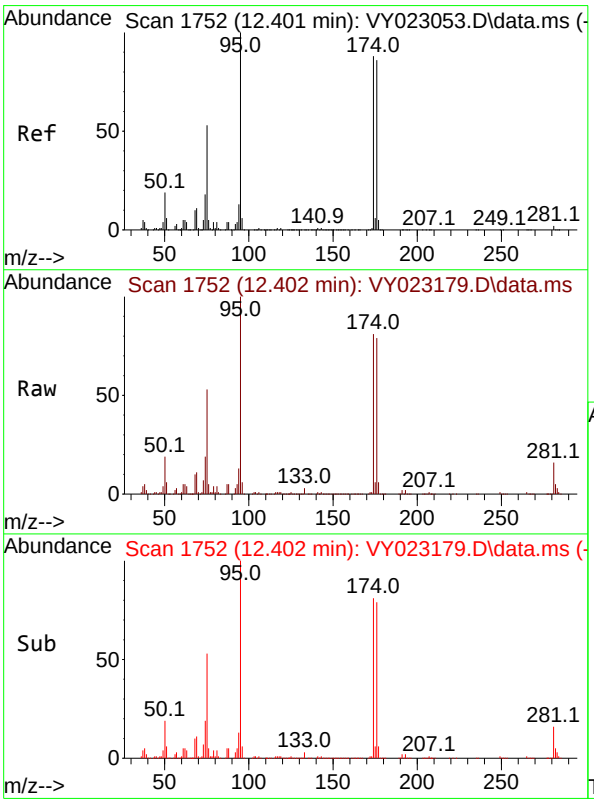
#50
Toluene-d8
Concen: 51.632 ug/l
RT: 10.103 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023179.D
Acq: 20 Aug 2025 16:32

Instrument :
MSVOA_Y
ClientSampleId :
FRONT-1-FLOOR-F

Tgt Ion: 98 Resp: 1093222

Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.3	78.5

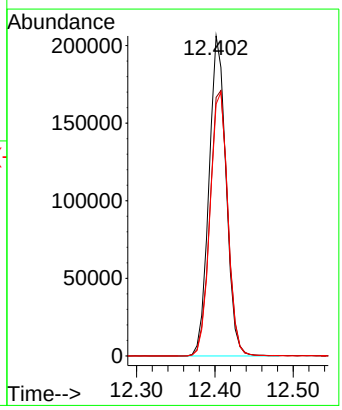


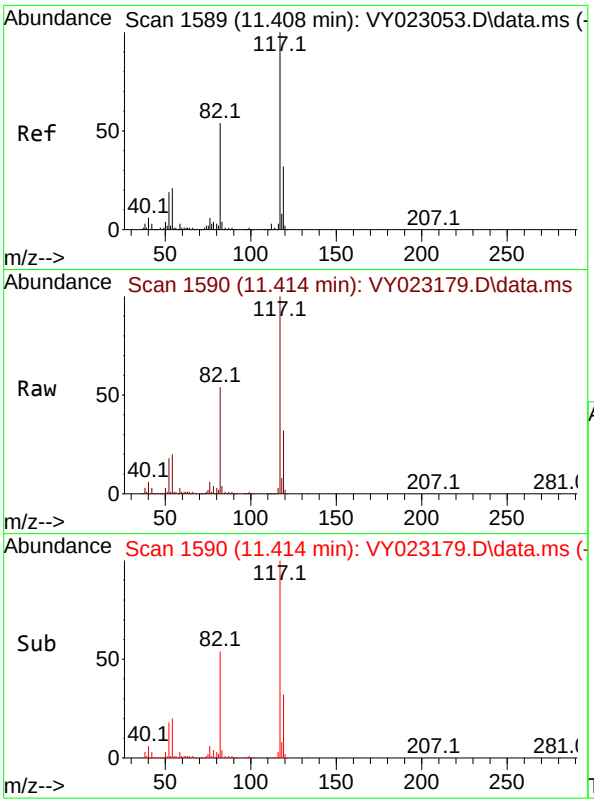


#62
4-Bromofluorobenzene
Concen: 45.864 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY023179.D
Acq: 20 Aug 2025 16:32

Tgt Ion: 95 Resp: 312300

Ion	Ratio	Lower	Upper
95	100		
174	86.9	0.0	171.6
176	85.3	0.0	167.6



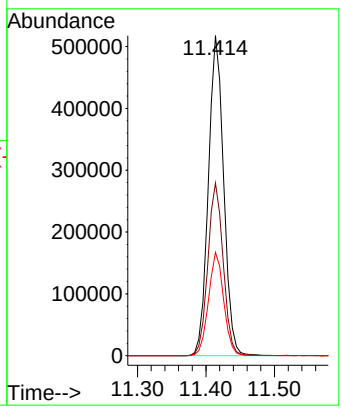


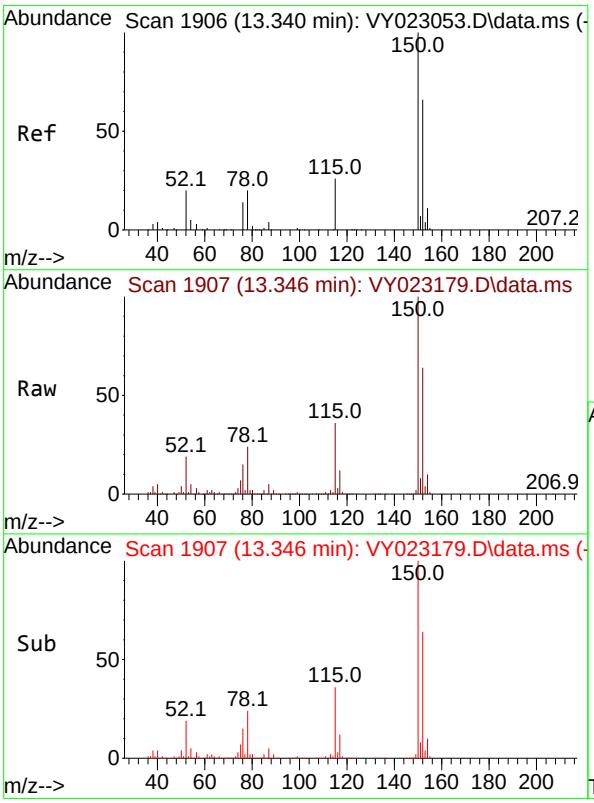
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023179.D
Acq: 20 Aug 2025 16:32

Instrument :
MSVOA_Y
ClientSampleId :
FRONT-1-FLOOR-F

Tgt Ion:117 Resp: 805970

Ion	Ratio	Lower	Upper
117	100		
82	54.0	43.4	65.0
119	32.3	25.6	38.4

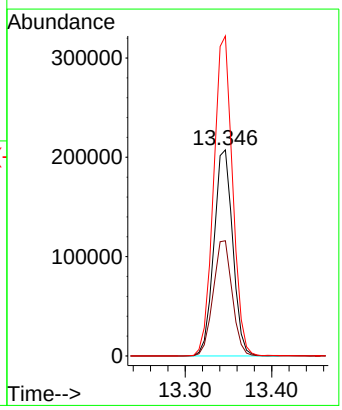




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VY023179.D
Acq: 20 Aug 2025 16:32

Tgt Ion:152 Resp: 312976

Ion	Ratio	Lower	Upper
152	100		
115	56.6	28.2	84.6
150	156.7	0.0	348.0



Sample Results: **VY023179.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082025\
Data File : VY023179.D
Acq On : 20 Aug 2025 16:32
Operator : SY/MD
Sample : Q2892-11
Misc : 5.68g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
FRONT-1-FLOOR-F

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Title : SW846 8260

Signal : TIC: VY023179.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.616	465	475	482	rBV2	22378	77297	2.71%	0.528%
2	4.702	482	489	503	rVB3	19021	69406	2.43%	0.475%
3	7.634	960	970	976	rBV	395709	956531	33.54%	6.540%
4	7.707	976	982	993	rVB	622404	1410598	49.46%	9.644%
5	8.061	1031	1040	1052	rBV	346099	752792	26.40%	5.147%
6	8.616	1122	1131	1147	rBV	1042958	2053410	72.00%	14.039%
7	10.103	1367	1375	1387	rBV	1649953	2851943	100.00%	19.498%
8	10.506	1432	1441	1448	rBV2	16841	30921	1.08%	0.211%
9	11.414	1582	1590	1602	rBV	1540141	2414549	84.66%	16.508%
10	12.408	1745	1753	1763	rBV2	1182471	2100232	73.64%	14.359%
11	13.340	1897	1906	1921	rBV	1214570	1876038	65.78%	12.826%
12	13.883	1987	1995	2003	rBV	19755	32997	1.16%	0.226%

Sum of corrected areas: 14626714

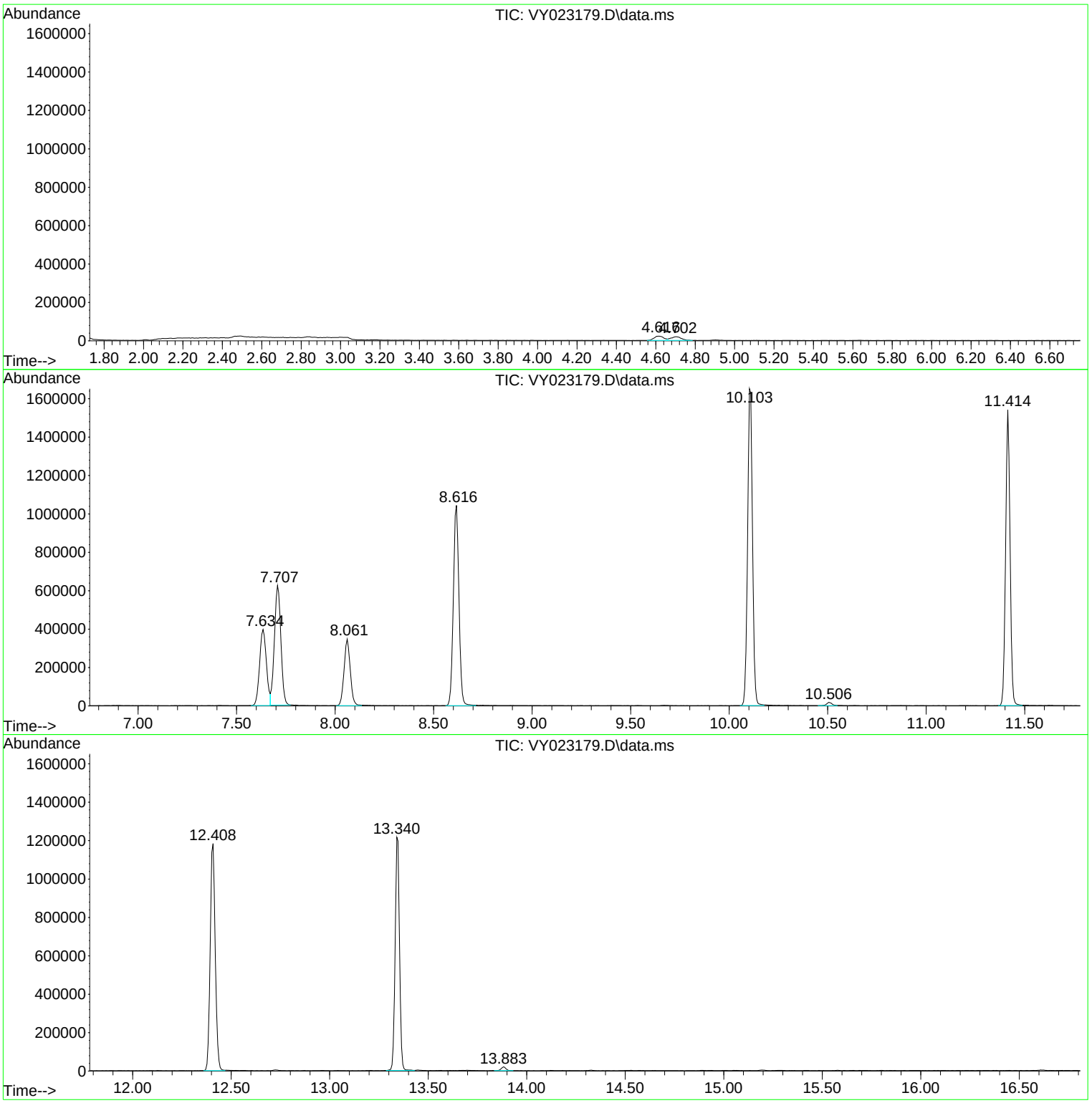
Sample Results: **VY023179.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082025\
Data File : VY023179.D
Acq On : 20 Aug 2025 16:32
Operator : SY/MD
Sample : Q2892-11
Misc : 5.68g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
FRONT-1-FLOOR-F

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082025\
Data File : VY023179.D
Acq On : 20 Aug 2025 16:32
Operator : SY/MD
Sample : Q2892-11
Misc : 5.68g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
FRONT-1-FLOOR-F

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082025\
Data File : VY023179.D
Acq On : 20 Aug 2025 16:32
Operator : SY/MD
Sample : Q2892-11
Misc : 5.68g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
FRONT-1-FLOOR-F

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

CALIBRATION SUMMARY

Raw Data

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: BAPS03

Lab Code: ACE SDG No.: Q2892

Instrument ID: MSVOA_Y Calibration Date(s): 08/12/2025 08/12/2025

Heated Purge: (Y/N) Y Calibration Time(s): 14:54 16:47

GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID: RRF005 = VY023050.D RRF010 = VY023051.D RRF020 = VY023052.D
RRF050 = VY023053.D RRF100 = VY023054.D RRF150 = VY023055.D

COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.487	0.463	0.460	0.348	0.337	0.354	0.408	16.8
Chloromethane	0.699	0.707	0.736	0.607	0.603	0.613	0.661	9
Vinyl Chloride	0.868	0.870	0.875	0.769	0.754	0.766	0.817	7.3
Bromomethane	0.673	0.638	0.653	0.540	0.576	0.581	0.610	8.5
Chloroethane	0.585	0.567	0.569	0.515	0.508	0.516	0.543	6.2
Trichlorofluoromethane	1.059	1.044	1.048	0.937	0.900	0.974	0.994	6.7
1,1,2-Trichlorotrifluoroethane	0.522	0.519	0.521	0.462	0.445	0.472	0.490	7
1,1-Dichloroethene	0.492	0.505	0.502	0.463	0.454	0.475	0.482	4.4
Acetone	0.110	0.111	0.106	0.103	0.094	0.096	0.103	6.9
Carbon Disulfide	1.656	1.663	1.662	1.491	1.453	1.501	1.571	6.3
Methyl tert-butyl Ether	1.181	1.268	1.296	1.236	1.202	1.308	1.249	4.1
Methyl Acetate	0.299	0.308	0.325	0.322	0.280	0.309	0.307	5.4
Methylene Chloride	0.861	0.706	0.606	0.510	0.511	0.524	0.620	22.7
trans-1,2-Dichloroethene	0.535	0.561	0.559	0.523	0.520	0.550	0.541	3.3
1,1-Dichloroethane	0.929	0.969	0.984	0.918	0.907	0.945	0.942	3.1
Cyclohexane	1.040	0.934	0.905	0.816	0.792	0.838	0.888	10.4
2-Butanone	0.135	0.152	0.143	0.142	0.129	0.142	0.140	5.5
Carbon Tetrachloride	0.490	0.486	0.505	0.466	0.466	0.484	0.483	3.1
cis-1,2-Dichloroethene	0.621	0.624	0.645	0.607	0.610	0.648	0.626	2.8
Bromochloromethane	0.367	0.379	0.393	0.365	0.367	0.371	0.374	2.9
Chloroform	0.969	0.997	1.002	0.943	0.936	0.981	0.971	2.8
1,1,1-Trichloroethane	0.862	0.877	0.899	0.837	0.833	0.864	0.862	2.8
Methylcyclohexane	0.574	0.579	0.605	0.566	0.575	0.614	0.586	3.3
Benzene	1.354	1.375	1.430	1.334	1.334	1.395	1.370	2.8
1,2-Dichloroethane	0.353	0.370	0.371	0.347	0.339	0.359	0.356	3.6
Trichloroethene	0.354	0.355	0.373	0.341	0.342	0.359	0.354	3.3
1,2-Dichloropropane	0.303	0.321	0.326	0.309	0.309	0.325	0.315	3.1
Bromodichloromethane	0.446	0.464	0.489	0.459	0.456	0.481	0.466	3.5
4-Methyl-2-Pentanone	0.168	0.201	0.200	0.199	0.190	0.211	0.195	7.7
Toluene	0.817	0.851	0.902	0.858	0.873	0.921	0.870	4.3

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

Raw Data

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: BAPS03

Lab Code: ACE SDG No.: Q2892

Instrument ID: MSVOA_Y Calibration Date(s): 08/12/2025 08/12/2025

Heated Purge: (Y/N) Y Calibration Time(s): 14:54 16:47

GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID: RRF005 = VY023050.D RRF010 = VY023051.D RRF020 = VY023052.D
RRF050 = VY023053.D RRF100 = VY023054.D RRF150 = VY023055.D

COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
t-1,3-Dichloropropene	0.377	0.410	0.435	0.420	0.428	0.459	0.422	6.5
cis-1,3-Dichloropropene	0.457	0.486	0.513	0.496	0.500	0.540	0.499	5.5
1,1,2-Trichloroethane	0.230	0.242	0.253	0.239	0.236	0.254	0.242	4
2-Hexanone	0.112	0.134	0.137	0.136	0.131	0.146	0.133	8.6
Dibromochloromethane	0.300	0.317	0.326	0.318	0.316	0.340	0.320	4.1
1,2-Dibromoethane	0.206	0.232	0.237	0.226	0.222	0.242	0.228	5.6
Tetrachloroethene	0.477	0.463	0.475	0.435	0.393	0.437	0.446	7.2
Chlorobenzene	1.062	1.070	1.116	1.055	1.057	1.111	1.079	2.6
Ethyl Benzene	1.775	1.795	1.894	1.859	1.858	1.956	1.856	3.6
m/p-Xylenes	0.676	0.699	0.745	0.718	0.737	0.774	0.725	4.8
o-Xylene	0.605	0.643	0.696	0.686	0.702	0.742	0.679	7.1
Styrene	0.945	1.023	1.140	1.123	1.176	1.254	1.110	10
Bromoform	0.197	0.213	0.216	0.214	0.213	0.231	0.214	5
Isopropylbenzene	3.420	3.483	3.602	3.505	3.514	3.650	3.529	2.4
1,1,2,2-Tetrachloroethane	0.584	0.647	0.605	0.585	0.581	0.613	0.603	4.2
1,3-Dichlorobenzene	1.600	1.642	1.701	1.610	1.656	1.752	1.660	3.5
1,4-Dichlorobenzene	1.687	1.657	1.680	1.601	1.597	1.660	1.647	2.3
1,2-Dichlorobenzene	1.410	1.472	1.496	1.420	1.438	1.499	1.456	2.7
1,2-Dibromo-3-Chloropropane	0.093	0.096	0.094	0.095	0.086	0.098	0.094	4.3
1,2,4-Trichlorobenzene	0.788	0.839	0.881	0.847	0.856	0.955	0.861	6.4
1,2,3-Trichlorobenzene	0.685	0.733	0.752	0.720	0.727	0.834	0.742	6.7
1,2-Dichloroethane-d4	0.491	0.490	0.482	0.462	0.472	0.462	0.477	2.7
Dibromofluoromethane	0.290	0.299	0.301	0.293	0.307	0.305	0.299	2.1
Toluene-d8	1.151	1.157	1.173	1.143	1.202	1.186	1.169	1.9
4-Bromofluorobenzene	0.358	0.367	0.367	0.370	0.399	0.394	0.376	4.4

* 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 GCVOA_Y

Method Path : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\
Method File : 82Y081225S.M
Title : SW846 8260
Last Update : Wed Aug 13 02:10:11 2025
Response Via : Initial Calibration

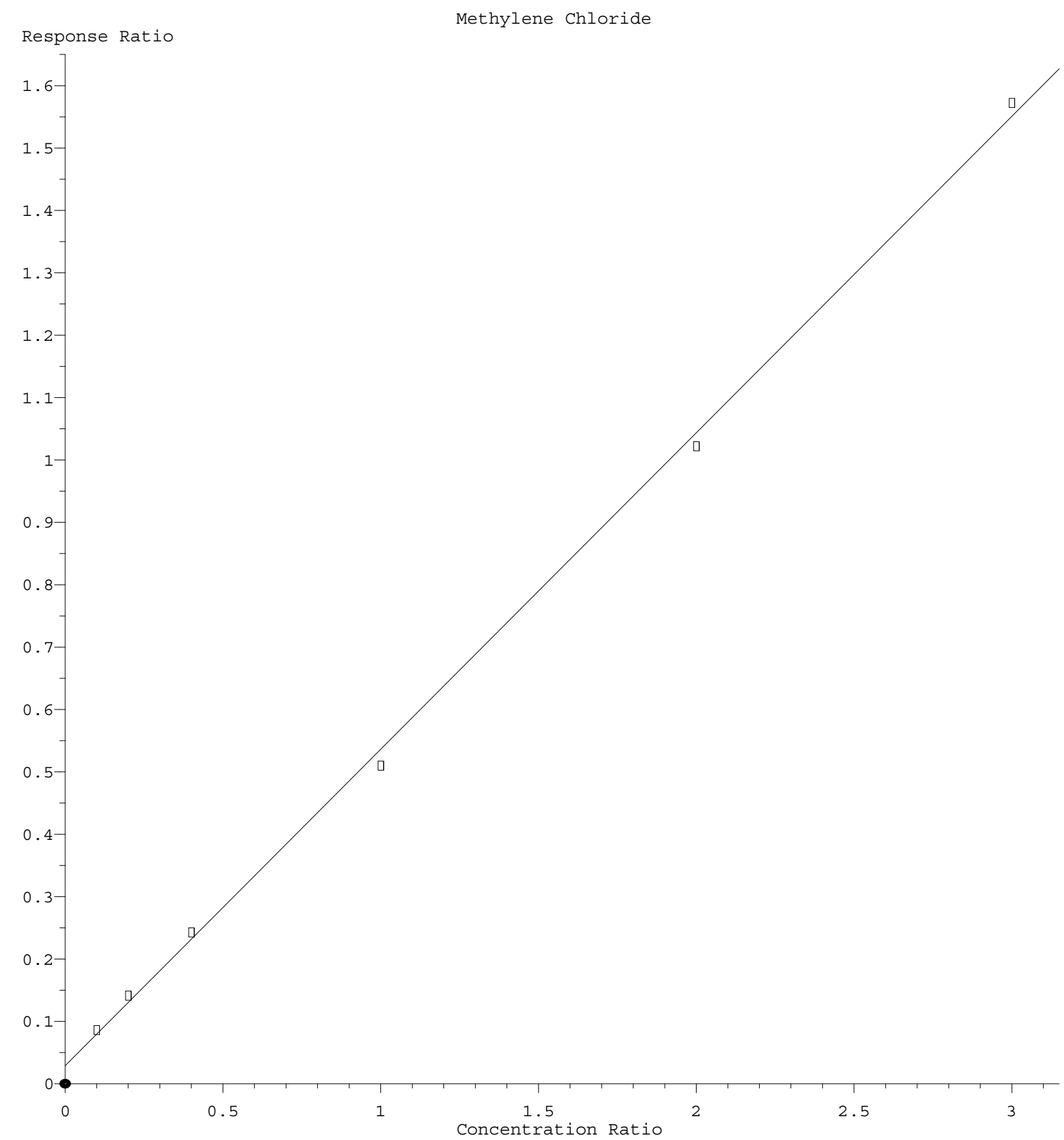
Calibration Files
5 =VY023050.D 10 =VY023051.D 20 =VY023052.D 50 =VY023053.D 100 =VY023054.D 150 =VY023055.D

		Compound	5	10	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.487	0.463	0.460	0.348	0.337	0.354	0.408	16.79
3)	P	Chloromethane	0.699	0.707	0.736	0.607	0.603	0.613	0.661	9.01
4)	C	Vinyl Chloride	0.868	0.870	0.875	0.769	0.754	0.766	0.817	7.29#
5)	T	Bromomethane	0.673	0.638	0.653	0.540	0.576	0.581	0.610	8.52
6)	T	Chloroethane	0.585	0.567	0.569	0.515	0.508	0.516	0.543	6.19
7)	T	Trichlorofluor...	1.059	1.044	1.048	0.937	0.900	0.974	0.994	6.68
8)	T	Diethyl Ether	0.271	0.276	0.271	0.251	0.245	0.264	0.263	4.69
9)	T	1,1,2-Trichlor...	0.522	0.519	0.521	0.462	0.445	0.472	0.490	7.01
10)	T	Methyl Iodide	0.468	0.491	0.539	0.549	0.564	0.563	0.529	7.57
11)	T	Tert butyl alc...	0.033	0.037	0.033	0.032	0.029	0.033	0.033	7.44
12)	CM	1,1-Dichloroet...	0.492	0.505	0.502	0.463	0.454	0.475	0.482	4.38#
13)	T	Acrolein	0.048	0.055	0.050	0.045	0.043	0.046	0.048	8.57
14)	T	Allyl chloride	0.734	0.718	0.724	0.686	0.681	0.712	0.709	3.01
15)	T	Acrylonitrile	0.101	0.114	0.112	0.106	0.100	0.109	0.107	5.51
16)	T	Acetone	0.110	0.111	0.106	0.103	0.094	0.096	0.103	6.89
17)	T	Carbon Disulfide	1.656	1.663	1.662	1.491	1.453	1.501	1.571	6.30
18)	T	Methyl Acetate	0.299	0.308	0.325	0.322	0.280	0.309	0.307	5.37
19)	T	Methyl tert-bu...	1.181	1.268	1.296	1.236	1.202	1.308	1.249	4.09
20)	T	Methylene Chlo...	0.861	0.706	0.606	0.510	0.511	0.524	0.620	22.69
21)	T	trans-1,2-Dich...	0.535	0.561	0.559	0.523	0.520	0.550	0.541	3.28
22)	T	Diisopropyl ether	1.442	1.565	1.609	1.512	1.510	1.605	1.541	4.21
23)	T	Vinyl Acetate	0.790	0.875	0.875	0.841	0.830	0.899	0.852	4.62
24)	P	1,1-Dichloroet...	0.929	0.969	0.984	0.918	0.907	0.945	0.942	3.15
25)	T	2-Butanone	0.135	0.152	0.143	0.142	0.129	0.142	0.140	5.51
26)	T	2,2-Dichloropr...	0.837	0.830	0.844	0.790	0.776	0.800	0.813	3.43
27)	T	cis-1,2-Dichlo...	0.621	0.624	0.645	0.607	0.610	0.648	0.626	2.77
28)	T	Bromochloromet...	0.367	0.379	0.393	0.365	0.367	0.371	0.374	2.88
29)	T	Tetrahydrofuran	0.084	0.091	0.089	0.087	0.081	0.091	0.087	4.62
30)	C	Chloroform	0.969	0.997	1.002	0.943	0.936	0.981	0.971	2.81#
31)	T	Cyclohexane	1.040	0.934	0.905	0.816	0.792	0.838	0.888	10.35
32)	T	1,1,1-Trichlor...	0.862	0.877	0.899	0.837	0.833	0.864	0.862	2.85
33)	S	1,2-Dichloroet...	0.491	0.490	0.482	0.462	0.472	0.462	0.477	2.74
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...	0.290	0.299	0.301	0.293	0.307	0.305	0.299	2.14
36)	T	1,1-Dichloropr...	0.442	0.455	0.461	0.433	0.429	0.447	0.445	2.81
37)	T	Ethyl Acetate	0.167	0.197	0.196	0.188	0.178	0.195	0.187	6.52
38)	T	Carbon Tetrach...	0.490	0.486	0.505	0.466	0.466	0.484	0.483	3.08
39)	T	Methylcyclohexane	0.574	0.579	0.605	0.566	0.575	0.614	0.586	3.35
40)	TM	Benzene	1.354	1.375	1.430	1.334	1.334	1.395	1.370	2.76
41)	T	Methacrylonitrile	0.113	0.107	0.111	0.110	0.102	0.103	0.108	4.05
42)	TM	1,2-Dichloroet...	0.353	0.370	0.371	0.347	0.339	0.359	0.356	3.59
43)	T	Isopropyl Acetate	0.352	0.383	0.388	0.373	0.362	0.407	0.378	5.16
44)	TM	Trichloroethene	0.354	0.355	0.373	0.341	0.342	0.359	0.354	3.35
45)	C	1,2-Dichloropr...	0.303	0.321	0.326	0.309	0.309	0.325	0.315	3.08#
46)	T	Dibromomethane	0.166	0.189	0.187	0.178	0.176	0.190	0.181	5.14
47)	T	Bromodichlorom...	0.446	0.464	0.489	0.459	0.456	0.481	0.466	3.47
48)	T	Methyl methacr...	0.149	0.180	0.189	0.188	0.182	0.196	0.181	9.18
49)	T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.002	0.002	0.002	6.71
50)	S	Toluene-d8	1.151	1.157	1.173	1.143	1.202	1.186	1.169	1.92
51)	T	4-Methyl-2-Pen...	0.168	0.201	0.200	0.199	0.190	0.211	0.195	7.67
52)	CM	Toluene	0.817	0.851	0.902	0.858	0.873	0.921	0.870	4.28#
53)	T	t-1,3-Dichloro...	0.377	0.410	0.435	0.420	0.428	0.459	0.422	6.47
54)	T	cis-1,3-Dichlo...	0.457	0.486	0.513	0.496	0.500	0.540	0.499	5.54
55)	T	1,1,2-Trichlor...	0.230	0.242	0.253	0.239	0.236	0.254	0.242	3.96
56)	T	Ethyl methacry...	0.247	0.298	0.312	0.320	0.323	0.359	0.310	11.84

Method Path : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\
Method File : 82Y081225S.M

57)	T	1,3-Dichloropr...	0.385	0.421	0.429	0.405	0.395	0.429	0.411	4.52
58)	T	2-Chloroethyl ...	0.114	0.135	0.144	0.155	0.158	0.171	0.146	13.68
59)	T	2-Hexanone	0.112	0.134	0.137	0.136	0.131	0.146	0.133	8.57
60)	T	Dibromochlorom...	0.300	0.317	0.326	0.318	0.316	0.340	0.320	4.09
61)	T	1,2-Dibromoethane	0.206	0.232	0.237	0.226	0.222	0.242	0.228	5.60
62)	S	4-Bromofluorob...	0.358	0.367	0.367	0.370	0.399	0.394	0.376	4.41
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.477	0.463	0.475	0.435	0.393	0.437	0.446	7.16
65)	PM	Chlorobenzene	1.062	1.070	1.116	1.055	1.057	1.111	1.079	2.55
66)	T	1,1,1,2-Tetrac...	0.347	0.360	0.378	0.362	0.365	0.384	0.366	3.58
67)	C	Ethyl Benzene	1.775	1.795	1.894	1.859	1.858	1.956	1.856	3.56#
68)	T	m/p-Xylenes	0.676	0.699	0.745	0.718	0.737	0.774	0.725	4.80
69)	T	o-Xylene	0.605	0.643	0.696	0.686	0.702	0.742	0.679	7.13
70)	T	Styrene	0.945	1.023	1.140	1.123	1.176	1.254	1.110	9.96
71)	P	Bromoform	0.197	0.213	0.216	0.214	0.213	0.231	0.214	5.03
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.420	3.483	3.602	3.505	3.514	3.650	3.529	2.36
74)	T	N-amyl acetate	0.633	0.738	0.757	0.767	0.756	0.840	0.748	8.89
75)	P	1,1,2,2-Tetrac...	0.584	0.647	0.605	0.585	0.581	0.613	0.603	4.20
76)	T	1,2,3-Trichlor...	0.551	0.483	0.472	0.535	0.409	0.444	0.483	11.18
77)	T	Bromobenzene	0.824	0.830	0.866	0.828	0.831	0.873	0.842	2.58
78)	T	n-propylbenzene	4.052	4.149	4.317	4.217	4.158	4.315	4.201	2.46
79)	T	2-Chlorotoluene	2.349	2.398	2.464	2.382	2.390	2.461	2.407	1.90
80)	T	1,3,5-Trimethy...	2.672	2.811	2.932	2.859	2.872	2.966	2.852	3.64
81)	T	trans-1,4-Dich...	0.181	0.215	0.203	0.197	0.190	0.210	0.199	6.43
82)	T	4-Chlorotoluene	2.427	2.486	2.600	2.462	2.460	2.548	2.497	2.59
83)	T	tert-Butylbenzene	2.428	2.481	2.626	2.588	2.630	2.702	2.576	3.98
84)	T	1,2,4-Trimethy...	2.596	2.760	2.955	2.837	2.894	2.993	2.839	5.12
85)	T	sec-Butylbenzene	3.637	3.749	3.881	3.773	3.781	3.882	3.784	2.42
86)	T	p-Isopropyltol...	2.878	2.978	3.241	3.167	3.230	3.350	3.141	5.66
87)	T	1,3-Dichlorobe...	1.600	1.642	1.701	1.610	1.656	1.752	1.660	3.46
88)	T	1,4-Dichlorobe...	1.687	1.657	1.680	1.601	1.597	1.660	1.647	2.35
89)	T	n-Butylbenzene	2.625	2.809	2.972	2.911	2.933	3.059	2.885	5.24
90)	T	Hexachloroethane	0.638	0.648	0.650	0.630	0.632	0.660	0.643	1.83
91)	T	1,2-Dichlorobe...	1.410	1.472	1.496	1.420	1.438	1.499	1.456	2.65
92)	T	1,2-Dibromo-3-...	0.093	0.096	0.094	0.095	0.086	0.098	0.094	4.27
93)	T	1,2,4-Trichlor...	0.788	0.839	0.881	0.847	0.856	0.955	0.861	6.43
94)	T	Hexachlorobuta...	0.533	0.506	0.522	0.491	0.480	0.504	0.506	3.85
95)	T	Naphthalene	1.204	1.364	1.462	1.488	1.500	1.791	1.468	13.14
96)	T	1,2,3-Trichlor...	0.685	0.733	0.752	0.720	0.727	0.834	0.742	6.73

(#) = Out of Range



Response = 5.073e-001 * Amt + 2.916e-002
Coef of Det (r^2) = 0.998910 Curve Fit: Linear
Method Name: Z:\voasrv\HPCHEM1\MSVOA Y\methods\82Y081225S.M
Calibration Table Last Updated: Wed Aug 13 02:10:11 2025

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081225\
Data File : VY023050.D
Acq On : 12 Aug 2025 14:54
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/14/2025
Supervised By :Semsettin Yesilyurt 08/14/2025

Quant Time: Aug 13 01:50:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 01:46:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	561390	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	904866	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	759914	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	360397	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	27563	5.152	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 10.300%#			
35) Dibromofluoromethane	7.634	113	26265	4.851	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 9.700%#			
50) Toluene-d8	10.103	98	104144	4.924	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 9.840%#			
62) 4-Bromofluorobenzene	12.402	95	32420	4.766	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 9.540%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.861	85	27351	5.969	ug/l	96
3) Chloromethane	2.068	50	39269	5.291	ug/l	98
4) Vinyl Chloride	2.202	62	48736	5.312	ug/l	99
5) Bromomethane	2.592	94	37773	5.513	ug/l	97
6) Chloroethane	2.732	64	32816	5.380	ug/l	98
7) Trichlorofluoromethane	3.050	101	59438	5.328	ug/l	99
8) Diethyl Ether	3.452	74	15231	5.160	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.812	101	29291	5.322	ug/l	98
10) Methyl Iodide	3.994	142	26272	4.424	ug/l	98
11) Tert butyl alcohol	4.866	59	9219	25.147	ug/l #	92
12) 1,1-Dichloroethene	3.787	96	27635	5.108	ug/l	87
13) Acrolein	3.647	56	13391	24.941	ug/l	95
14) Allyl chloride	4.372	41	41201	5.176	ug/l	94
15) Acrylonitrile	5.061	53	28255	23.547	ug/l	95
16) Acetone	3.866	43	30803	26.574	ug/l	98
17) Carbon Disulfide	4.098	76	92964	5.270	ug/l	96
18) Methyl Acetate	4.379	43	16806	4.872	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	66308	4.730	ug/l	98
20) Methylene Chloride	4.604	84	48322	5.657	ug/l	97
21) trans-1,2-Dichloroethene	5.110	96	30021	4.938	ug/l	97
22) Diisopropyl ether	6.012	45	80938	4.679	ug/l	91
23) Vinyl Acetate	5.958	43	221862	23.196	ug/l	97
24) 1,1-Dichloroethane	5.909	63	52152	4.931	ug/l	99
25) 2-Butanone	6.890	43	37821	23.991	ug/l	97
26) 2,2-Dichloropropane	6.878	77	46964	5.147	ug/l	99
27) cis-1,2-Dichloroethene	6.884	96	34877	4.962	ug/l	97
28) Bromochloromethane	7.238	49	20615	4.913	ug/l	96
29) Tetrahydrofuran	7.256	42	23487	24.035	ug/l	96
30) Chloroform	7.415	83	54392	4.987	ug/l	96
31) Cyclohexane	7.701	56	58362	5.856	ug/l #	83
32) 1,1,1-Trichloroethane	7.610	97	48413	5.003	ug/l	99
36) 1,1-Dichloropropene	7.829	75	39978	4.968	ug/l	99
37) Ethyl Acetate	6.982	43	15080	4.461	ug/l #	95
38) Carbon Tetrachloride	7.811	117	44360	5.076	ug/l	99
39) Methylcyclohexane	9.103	83	51931	4.901	ug/l	99
40) Benzene	8.073	78	122482	4.939	ug/l	99

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081225\
Data File : VY023050.D
Acq On : 12 Aug 2025 14:54
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 13 01:50:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 01:46:43 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/14/2025
Supervised By :Semsettin Yesilyurt 08/14/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.232	41	10246m	5.247	ug/l		
42) 1,2-Dichloroethane	8.152	62	31902	4.946	ug/l		98
43) Isopropyl Acetate	8.195	43	31890	4.668	ug/l		100
44) Trichloroethene	8.859	130	32050	5.001	ug/l		93
45) 1,2-Dichloropropane	9.134	63	27418	4.805	ug/l		93
46) Dibromomethane	9.225	93	15033	4.590	ug/l		97
47) Bromodichloromethane	9.420	83	40327	4.785	ug/l		98
48) Methyl methacrylate	9.219	41	13477	4.122	ug/l		90
49) 1,4-Dioxane	9.231	88	3454	89.939	ug/l	#	91
51) 4-Methyl-2-Pentanone	9.993	43	75891	21.535	ug/l		100
52) Toluene	10.164	92	73910	4.692	ug/l		100
53) t-1,3-Dichloropropene	10.390	75	34154	4.475	ug/l		99
54) cis-1,3-Dichloropropene	9.853	75	41326	4.579	ug/l		97
55) 1,1,2-Trichloroethane	10.566	97	20795	4.745	ug/l		98
56) Ethyl methacrylate	10.432	69	22376	3.990	ug/l		99
57) 1,3-Dichloropropane	10.713	76	34835	4.687	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.707	63	51585	19.500	ug/l		100
59) 2-Hexanone	10.755	43	50604	21.088	ug/l		97
60) Dibromochloromethane	10.908	129	27141	4.693	ug/l		100
61) 1,2-Dibromoethane	11.012	107	18652	4.528	ug/l		97
64) Tetrachloroethene	10.640	164	36210	5.336	ug/l		97
65) Chlorobenzene	11.438	112	80684	4.922	ug/l		93
66) 1,1,1,2-Tetrachloroethane	11.511	131	26397	4.745	ug/l		94
67) Ethyl Benzene	11.511	91	134854	4.781	ug/l		99
68) m/p-Xylenes	11.621	106	102783	9.329	ug/l		97
69) o-Xylene	11.950	106	45944	4.453	ug/l		94
70) Styrene	11.963	104	71801	4.255	ug/l		97
71) Bromoform	12.127	173	14954	4.599	ug/l	#	94
73) Isopropylbenzene	12.249	105	123246	4.845	ug/l		99
74) N-amyl acetate	12.066	43	22829	4.232	ug/l		96
75) 1,1,2,2-Tetrachloroethane	12.499	83	21057	4.848	ug/l		98
76) 1,2,3-Trichloropropane	12.554	75	19875m	5.710	ug/l		
77) Bromobenzene	12.530	156	29681	4.891	ug/l		100
78) n-propylbenzene	12.590	91	146043	4.822	ug/l		99
79) 2-Chlorotoluene	12.670	91	84671	4.880	ug/l		99
80) 1,3,5-Trimethylbenzene	12.731	105	96308	4.685	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.298	75	6514	4.533	ug/l		89
82) 4-Chlorotoluene	12.773	91	87454	4.859	ug/l		99
83) tert-Butylbenzene	12.993	119	87496	4.712	ug/l		99
84) 1,2,4-Trimethylbenzene	13.036	105	93551	4.571	ug/l		100
85) sec-Butylbenzene	13.170	105	131079	4.806	ug/l		99
86) p-Isopropyltoluene	13.285	119	103731	4.582	ug/l		99
87) 1,3-Dichlorobenzene	13.279	146	57668	4.819	ug/l		99
88) 1,4-Dichlorobenzene	13.359	146	60781	5.120	ug/l		97
89) n-Butylbenzene	13.609	91	94594	4.549	ug/l		98
90) Hexachloroethane	13.871	117	22980	4.958	ug/l		97
91) 1,2-Dichlorobenzene	13.651	146	50829	4.843	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.267	75	3369	4.982	ug/l		93
93) 1,2,4-Trichlorobenzene	14.913	180	28399	4.576	ug/l		98
94) Hexachlorobutadiene	15.017	225	19196	5.263	ug/l		96
95) Naphthalene	15.133	128	43395	4.100	ug/l		99
96) 1,2,3-Trichlorobenzene	15.322	180	24703	4.619	ug/l		98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081225\
Data File : VY023050.D
Acq On : 12 Aug 2025 14:54
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/14/2025
Supervised By :Semsettin Yesilyurt 08/14/2025

Quant Time: Aug 13 01:50:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 01:46:43 2025
Response via : Initial Calibration

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

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

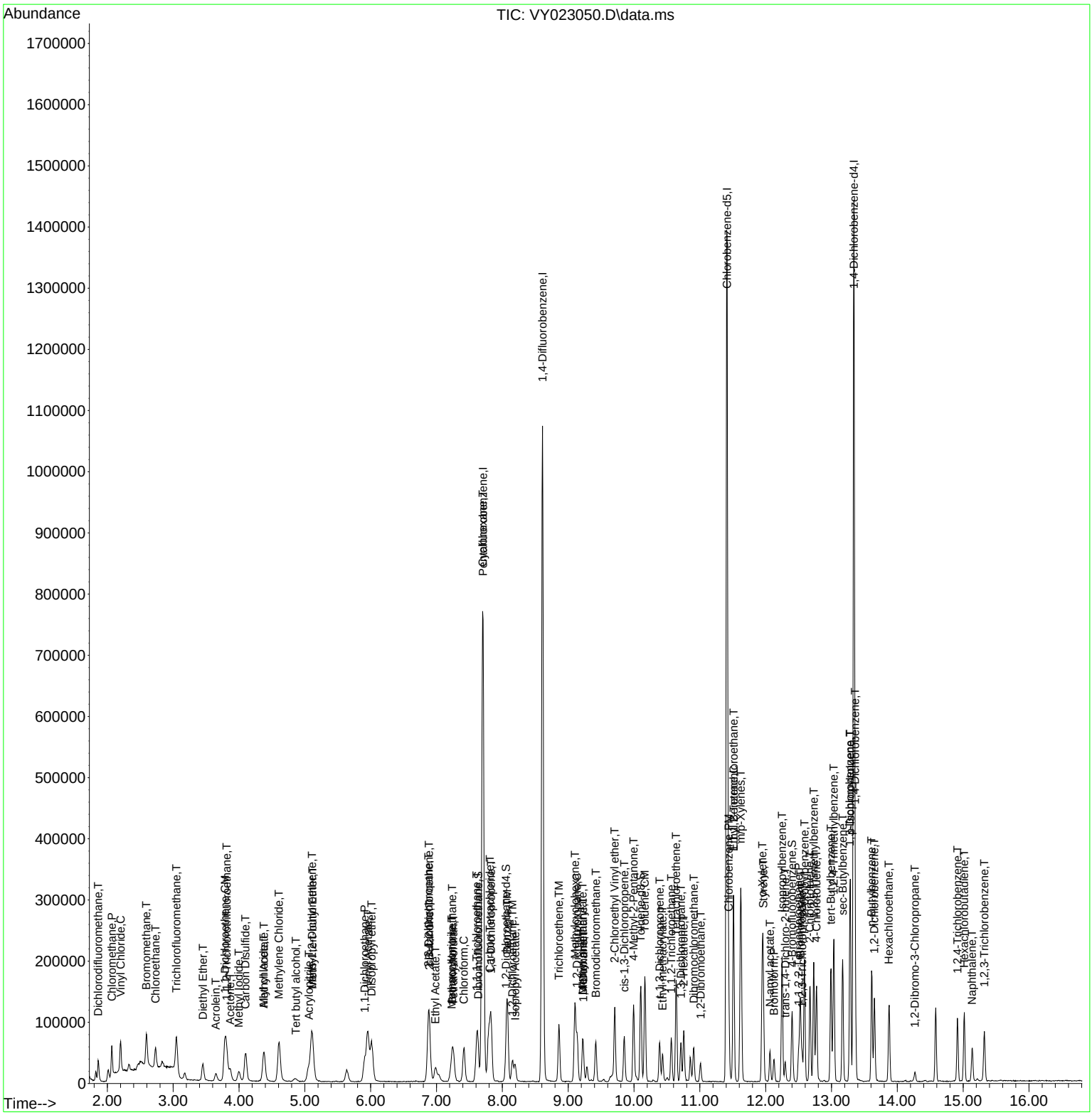
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081225\
Data File : VY023050.D
Acq On : 12 Aug 2025 14:54
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 13 01:50:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 01:46:43 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/14/2025
Supervised By :Semsettin Yesilyurt 08/14/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081225\
Data File : VY023051.D
Acq On : 12 Aug 2025 15:17
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/14/2025
Supervised By :Semsettin Yesilyurt 08/14/2025

Quant Time: Aug 13 01:51:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 01:46:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.701	168	551522	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	883548	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.408	117	761327	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	365647	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	54002	10.274	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	20.540%#		
35) Dibromofluoromethane	7.628	113	52916	10.009	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	20.020%#		
50) Toluene-d8	10.103	98	204532	9.903	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	19.800%#		
62) 4-Bromofluorobenzene	12.401	95	64927	9.775	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	19.540%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.861	85	51022	11.334	ug/l	95
3) Chloromethane	2.068	50	77982	10.695	ug/l	97
4) Vinyl Chloride	2.202	62	95983	10.649	ug/l	99
5) Bromomethane	2.592	94	70415	10.461	ug/l	99
6) Chloroethane	2.732	64	62514	10.432	ug/l	97
7) Trichlorofluoromethane	3.049	101	115150	10.507	ug/l	94
8) Diethyl Ether	3.452	74	30390	10.481	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.812	101	57210	10.581	ug/l	100
10) Methyl Iodide	4.001	142	54184	9.287	ug/l	99
11) Tert butyl alcohol	4.866	59	20212	56.119	ug/l	99
12) 1,1-Dichloroethene	3.781	96	55669	10.475	ug/l	92
13) Acrolein	3.647	56	30081	57.030	ug/l	97
14) Allyl chloride	4.372	41	79145	10.121	ug/l	98
15) Acrylonitrile	5.049	53	62889	53.349	ug/l	99
16) Acetone	3.873	43	61290	53.821	ug/l	94
17) Carbon Disulfide	4.098	76	183399	10.583	ug/l	98
18) Methyl Acetate	4.385	43	33996	10.032	ug/l	99
19) Methyl tert-butyl Ether	5.110	73	139820	10.153	ug/l	95
20) Methylene Chloride	4.604	84	77920	11.095	ug/l	97
21) trans-1,2-Dichloroethene	5.110	96	61826	10.352	ug/l	100
22) Diisopropyl ether	6.012	45	172602	10.157	ug/l	93
23) Vinyl Acetate	5.957	43	482714	51.372	ug/l	98
24) 1,1-Dichloroethane	5.903	63	106831	10.282	ug/l	99
25) 2-Butanone	6.896	43	83923	54.187	ug/l	96
26) 2,2-Dichloropropane	6.878	77	91579	10.215	ug/l	100
27) cis-1,2-Dichloroethene	6.884	96	68839	9.970	ug/l	99
28) Bromochloromethane	7.238	49	41820	10.146	ug/l	100
29) Tetrahydrofuran	7.262	42	49926	52.005	ug/l	99
30) Chloroform	7.415	83	109942	10.260	ug/l	93
31) Cyclohexane	7.701	56	103068	10.527	ug/l #	89
32) 1,1,1-Trichloroethane	7.616	97	96693	10.170	ug/l	98
36) 1,1-Dichloropropene	7.829	75	80479	10.243	ug/l	99
37) Ethyl Acetate	6.982	43	34854	10.560	ug/l	97
38) Carbon Tetrachloride	7.811	117	85932	10.070	ug/l	97
39) Methylcyclohexane	9.103	83	102275	9.885	ug/l	99
40) Benzene	8.073	78	243060	10.037	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081225\
Data File : VY023051.D
Acq On : 12 Aug 2025 15:17
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/14/2025
Supervised By :Semsettin Yesilyurt 08/14/2025

Quant Time: Aug 13 01:51:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 01:46:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.213	41	18825	9.872	ug/l	#	89
42) 1,2-Dichloroethane	8.152	62	65350	10.376	ug/l		99
43) Isopropyl Acetate	8.195	43	67669	10.144	ug/l		99
44) Trichloroethene	8.859	130	62689	10.017	ug/l		98
45) 1,2-Dichloropropane	9.134	63	56720	10.179	ug/l		97
46) Dibromomethane	9.225	93	33460	10.462	ug/l		98
47) Bromodichloromethane	9.420	83	81951	9.959	ug/l		97
48) Methyl methacrylate	9.213	41	31851	9.978	ug/l		96
49) 1,4-Dioxane	9.231	88	7705	205.471	ug/l		94
51) 4-Methyl-2-Pentanone	9.993	43	177157	51.484	ug/l		98
52) Toluene	10.164	92	150422	9.780	ug/l		99
53) t-1,3-Dichloropropene	10.390	75	72507	9.730	ug/l		99
54) cis-1,3-Dichloropropene	9.853	75	85945	9.753	ug/l		100
55) 1,1,2-Trichloroethane	10.566	97	42712	9.981	ug/l		97
56) Ethyl methacrylate	10.432	69	52746	9.632	ug/l		98
57) 1,3-Dichloropropane	10.713	76	74433	10.256	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.707	63	119417	46.232	ug/l		98
59) 2-Hexanone	10.755	43	118452	50.553	ug/l		99
60) Dibromochloromethane	10.902	129	56045	9.925	ug/l		99
61) 1,2-Dibromoethane	11.011	107	41009	10.196	ug/l		99
64) Tetrachloroethene	10.640	164	70502	10.371	ug/l		98
65) Chlorobenzene	11.438	112	162985	9.925	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.511	131	54856	9.842	ug/l		97
67) Ethyl Benzene	11.511	91	273281	9.670	ug/l		99
68) m/p-Xylenes	11.621	106	212766	19.277	ug/l		99
69) o-Xylene	11.950	106	97841	9.465	ug/l		98
70) Styrene	11.963	104	155809	9.216	ug/l		99
71) Bromoform	12.127	173	32470	9.968	ug/l	#	97
73) Isopropylbenzene	12.249	105	254745	9.871	ug/l		99
74) N-amyl acetate	12.066	43	53943	9.857	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.499	83	47304	10.735	ug/l		99
76) 1,2,3-Trichloropropane	12.548	75	35353m	10.012	ug/l		
77) Bromobenzene	12.523	156	60728	9.864	ug/l		96
78) n-propylbenzene	12.590	91	303440	9.876	ug/l		100
79) 2-Chlorotoluene	12.676	91	175364	9.962	ug/l		99
80) 1,3,5-Trimethylbenzene	12.731	105	205544	9.855	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.298	75	15715	10.780	ug/l		96
82) 4-Chlorotoluene	12.767	91	181812	9.956	ug/l		99
83) tert-Butylbenzene	12.993	119	181408	9.630	ug/l		99
84) 1,2,4-Trimethylbenzene	13.035	105	201812	9.720	ug/l		100
85) sec-Butylbenzene	13.170	105	274178	9.908	ug/l		99
86) p-Isopropyltoluene	13.285	119	217799	9.482	ug/l		98
87) 1,3-Dichlorobenzene	13.279	146	120109	9.893	ug/l		99
88) 1,4-Dichlorobenzene	13.359	146	121160	10.060	ug/l		97
89) n-Butylbenzene	13.609	91	205420	9.737	ug/l		98
90) Hexachloroethane	13.871	117	47353	10.071	ug/l		98
91) 1,2-Dichlorobenzene	13.651	146	107656	10.110	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.267	75	7032	10.250	ug/l		98
93) 1,2,4-Trichlorobenzene	14.913	180	61323	9.739	ug/l		99
94) Hexachlorobutadiene	15.017	225	37011	10.003	ug/l		99
95) Naphthalene	15.139	128	99780	9.293	ug/l		99
96) 1,2,3-Trichlorobenzene	15.322	180	53626	9.883	ug/l		96

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081225\
Data File : VY023051.D
Acq On : 12 Aug 2025 15:17
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/14/2025
Supervised By :Semsettin Yesilyurt 08/14/2025

Quant Time: Aug 13 01:51:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 01:46:43 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

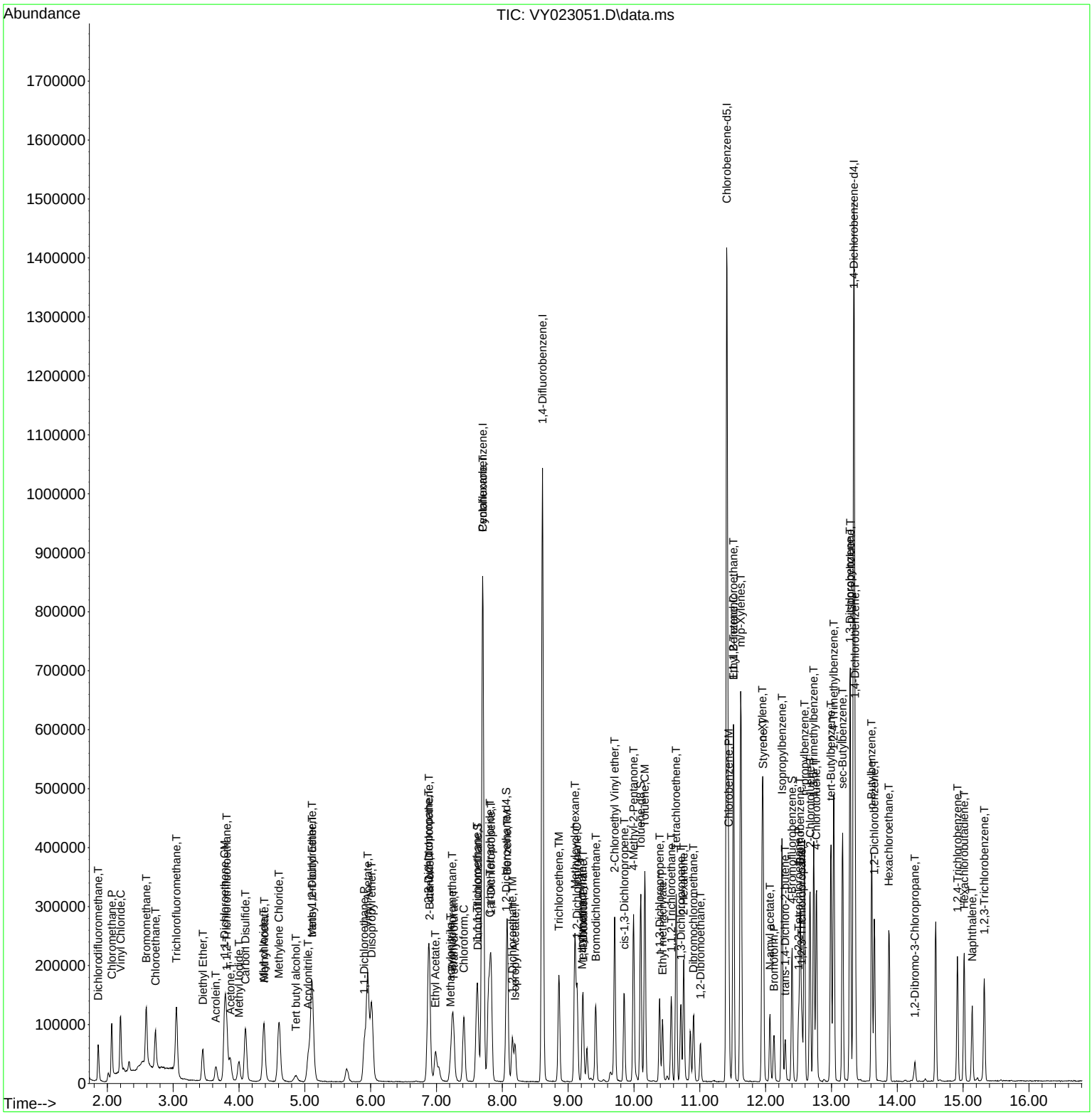
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081225\
Data File : VY023051.D
Acq On : 12 Aug 2025 15:17
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 13 01:51:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 01:46:43 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/14/2025
Supervised By :Semsettin Yesilyurt 08/14/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081225\
Data File : VY023052.D
Acq On : 12 Aug 2025 15:40
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/14/2025
Supervised By :Semsettin Yesilyurt 08/14/2025

Quant Time: Aug 13 01:52:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 01:46:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	537748	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	848953	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	745484	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	370932	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	103755	20.244	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	40.480%#		
35) Dibromofluoromethane	7.628	113	102068	20.093	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	40.180%#		
50) Toluene-d8	10.103	98	398394	20.075	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	40.160%#		
62) 4-Bromofluorobenzene	12.402	95	124467	19.503	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	39.000%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.861	85	98926	22.537	ug/l	98
3) Chloromethane	2.068	50	158310	22.268	ug/l	99
4) Vinyl Chloride	2.202	62	188307	21.427	ug/l	99
5) Bromomethane	2.586	94	140517	21.410	ug/l	99
6) Chloroethane	2.726	64	122310	20.934	ug/l	99
7) Trichlorofluoromethane	3.050	101	225373	21.090	ug/l	99
8) Diethyl Ether	3.452	74	58245	20.602	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.805	101	112116	21.267	ug/l	99
10) Methyl Iodide	3.994	142	115879	20.370	ug/l	99
11) Tert butyl alcohol	4.860	59	35192	100.214	ug/l	98
12) 1,1-Dichloroethene	3.781	96	107992	20.840	ug/l	99
13) Acrolein	3.653	56	54065	105.126	ug/l	100
14) Allyl chloride	4.379	41	155709	20.421	ug/l	97
15) Acrylonitrile	5.055	53	120151	104.535	ug/l	97
16) Acetone	3.866	43	113468	102.193	ug/l	96
17) Carbon Disulfide	4.098	76	357484	21.157	ug/l	98
18) Methyl Acetate	4.379	43	69853	21.141	ug/l	99
19) Methyl tert-butyl Ether	5.110	73	278863	20.767	ug/l	99
20) Methylene Chloride	4.610	84	130416	21.069	ug/l	96
21) trans-1,2-Dichloroethene	5.104	96	120321	20.661	ug/l	96
22) Diisopropyl ether	6.012	45	346195	20.894	ug/l	95
23) Vinyl Acetate	5.951	43	941364	102.748	ug/l	97
24) 1,1-Dichloroethane	5.909	63	211558	20.884	ug/l	98
25) 2-Butanone	6.890	43	153363	101.559	ug/l	100
26) 2,2-Dichloropropane	6.878	77	181528	20.767	ug/l	100
27) cis-1,2-Dichloroethene	6.884	96	138775	20.613	ug/l	99
28) Bromochloromethane	7.244	49	84540	21.035	ug/l	99
29) Tetrahydrofuran	7.262	42	95795	102.341	ug/l	99
30) Chloroform	7.415	83	215585	20.635	ug/l	98
31) Cyclohexane	7.701	56	194671	20.393	ug/l	96
32) 1,1,1-Trichloroethane	7.610	97	193268	20.848	ug/l	99
36) 1,1-Dichloropropene	7.835	75	156617	20.746	ug/l	98
37) Ethyl Acetate	6.982	43	66420	20.944	ug/l	100
38) Carbon Tetrachloride	7.817	117	171344	20.897	ug/l	98
39) Methylcyclohexane	9.103	83	205594	20.680	ug/l	98
40) Benzene	8.079	78	485631	20.871	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081225\
Data File : VY023052.D
Acq On : 12 Aug 2025 15:40
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/14/2025
Supervised By :Semsettin Yesilyurt 08/14/2025

Quant Time: Aug 13 01:52:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 01:46:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.226	41	37785m	20.623	ug/l		
42) 1,2-Dichloroethane	8.152	62	126111	20.839	ug/l		100
43) Isopropyl Acetate	8.195	43	131854	20.571	ug/l		98
44) Trichloroethene	8.859	130	126772	21.083	ug/l		98
45) 1,2-Dichloropropane	9.134	63	110699	20.677	ug/l		99
46) Dibromomethane	9.225	93	63410	20.635	ug/l		98
47) Bromodichloromethane	9.420	83	165954	20.988	ug/l		96
48) Methyl methacrylate	9.219	41	64120	20.905	ug/l		98
49) 1,4-Dioxane	9.225	88	14826	411.480	ug/l		98
51) 4-Methyl-2-Pentanone	9.993	43	339298	102.622	ug/l		100
52) Toluene	10.164	92	306193	20.719	ug/l		100
53) t-1,3-Dichloropropene	10.390	75	147696	20.627	ug/l		100
54) cis-1,3-Dichloropropene	9.853	75	174243	20.580	ug/l		96
55) 1,1,2-Trichloroethane	10.566	97	86022	20.920	ug/l		99
56) Ethyl methacrylate	10.432	69	105816	20.111	ug/l		99
57) 1,3-Dichloropropane	10.713	76	145621	20.882	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.707	63	244340	98.450	ug/l		99
59) 2-Hexanone	10.755	43	231872	102.992	ug/l		99
60) Dibromochloromethane	10.908	129	110810	20.424	ug/l		99
61) 1,2-Dibromoethane	11.012	107	80549	20.842	ug/l		97
64) Tetrachloroethene	10.640	164	141609	21.273	ug/l		99
65) Chlorobenzene	11.438	112	332700	20.690	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.511	131	112677	20.647	ug/l		99
67) Ethyl Benzene	11.511	91	564855	20.412	ug/l		99
68) m/p-Xylenes	11.621	106	444361	41.115	ug/l		98
69) o-Xylene	11.950	106	207639	20.513	ug/l		99
70) Styrene	11.963	104	339891	20.532	ug/l		99
71) Bromoform	12.127	173	64275	20.151	ug/l	#	98
73) Isopropylbenzene	12.249	105	534421	20.413	ug/l		100
74) N-amyl acetate	12.066	43	112297	20.227	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.499	83	89782	20.085	ug/l		100
76) 1,2,3-Trichloropropane	12.548	75	70070m	19.560	ug/l		
77) Bromobenzene	12.523	156	128501	20.574	ug/l		99
78) n-propylbenzene	12.590	91	640528	20.550	ug/l		99
79) 2-Chlorotoluene	12.670	91	365577	20.471	ug/l		100
80) 1,3,5-Trimethylbenzene	12.731	105	435074	20.563	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.298	75	30153	20.389	ug/l		97
82) 4-Chlorotoluene	12.773	91	385755	20.822	ug/l		99
83) tert-Butylbenzene	12.993	119	389621	20.389	ug/l		100
84) 1,2,4-Trimethylbenzene	13.036	105	438392	20.814	ug/l		98
85) sec-Butylbenzene	13.170	105	575804	20.512	ug/l		100
86) p-Isopropyltoluene	13.285	119	480937	20.640	ug/l		100
87) 1,3-Dichlorobenzene	13.279	146	252452	20.497	ug/l		99
88) 1,4-Dichlorobenzene	13.359	146	249280	20.403	ug/l		99
89) n-Butylbenzene	13.609	91	440963	20.605	ug/l		99
90) Hexachloroethane	13.871	117	96478	20.226	ug/l		98
91) 1,2-Dichlorobenzene	13.651	146	222000	20.552	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.267	75	13973	20.076	ug/l		98
93) 1,2,4-Trichlorobenzene	14.913	180	130718	20.464	ug/l		98
94) Hexachlorobutadiene	15.017	225	77511	20.650	ug/l		99
95) Naphthalene	15.139	128	216923	19.915	ug/l		100
96) 1,2,3-Trichlorobenzene	15.322	180	111506	20.258	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081225\
Data File : VY023052.D
Acq On : 12 Aug 2025 15:40
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/14/2025
Supervised By :Semsettin Yesilyurt 08/14/2025

Quant Time: Aug 13 01:52:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 01:46:43 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

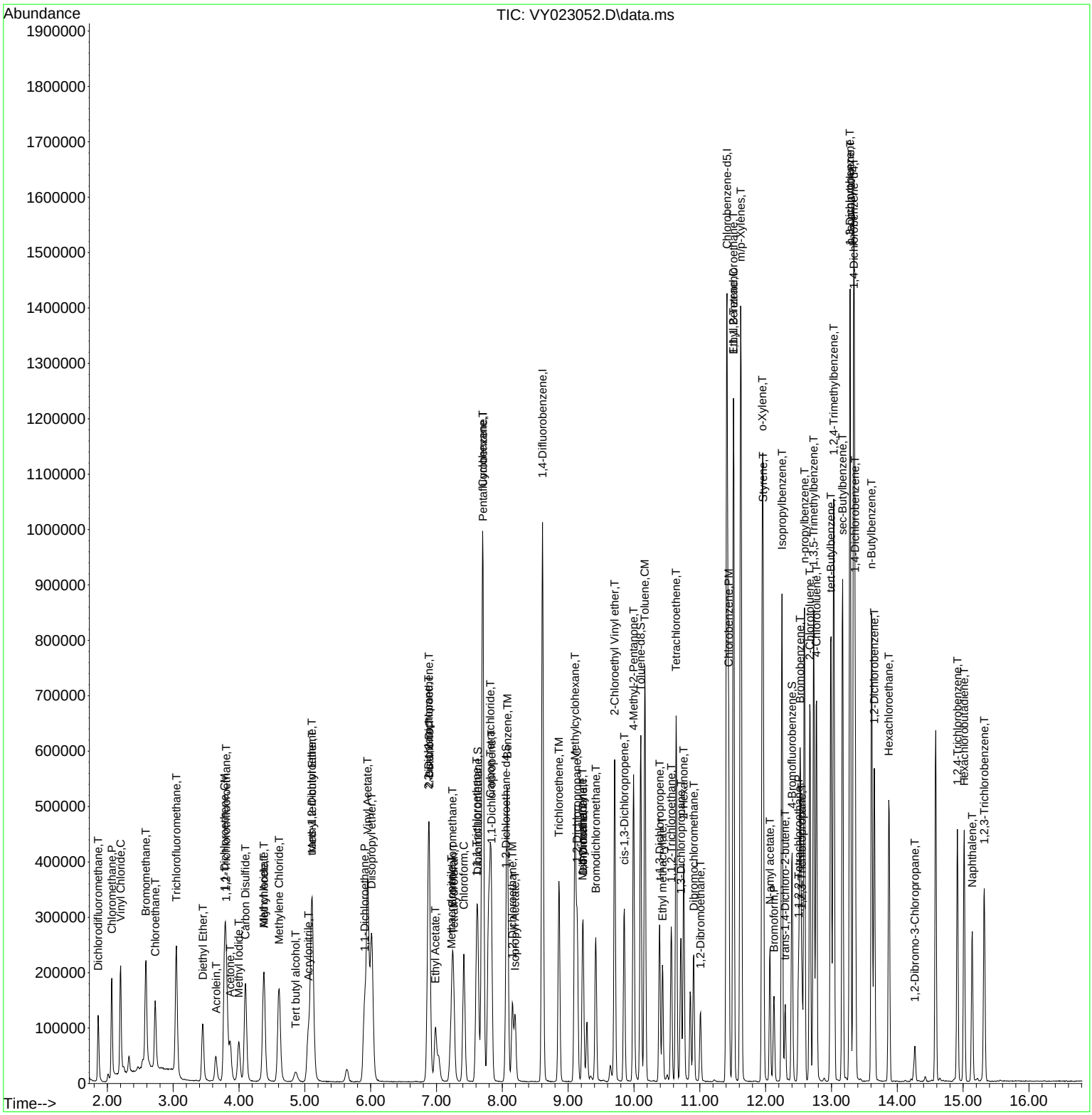
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081225\
Data File : VY023052.D
Acq On : 12 Aug 2025 15:40
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 13 01:52:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 01:46:43 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/14/2025
Supervised By :Semsettin Yesilyurt 08/14/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081225\
Data File : VY023053.D
Acq On : 12 Aug 2025 16:02
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/14/2025
Supervised By :Semsettin Yesilyurt 08/14/2025

Quant Time: Aug 13 01:53:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 01:46:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	539282	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	856556	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.408	117	751969	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	377839	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	249044	48.455	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 96.900%			
35) Dibromofluoromethane	7.628	113	251193	49.010	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.020%			
50) Toluene-d8	10.103	98	979082	48.899	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 97.800%			
62) 4-Bromofluorobenzene	12.401	95	316770	49.194	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 98.380%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.861	85	187863	42.677	ug/l	100
3) Chloromethane	2.068	50	327481	45.932	ug/l	100
4) Vinyl Chloride	2.196	62	414609	47.044	ug/l	100
5) Bromomethane	2.592	94	291336	44.263	ug/l	100
6) Chloroethane	2.726	64	277698	47.394	ug/l	100
7) Trichlorofluoromethane	3.049	101	505137	47.136	ug/l	100
8) Diethyl Ether	3.446	74	135373	47.747	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.805	101	249063	47.109	ug/l	100
10) Methyl Iodide	3.994	142	296087	51.899	ug/l	100
11) Tert butyl alcohol	4.860	59	85712	243.383	ug/l	100
12) 1,1-Dichloroethene	3.781	96	249492	48.009	ug/l	100
13) Acrolein	3.647	56	121185	234.966	ug/l	100
14) Allyl chloride	4.378	41	369720	48.350	ug/l	100
15) Acrylonitrile	5.049	53	285675	247.839	ug/l	100
16) Acetone	3.860	43	278510	250.122	ug/l	100
17) Carbon Disulfide	4.098	76	804119	47.456	ug/l	100
18) Methyl Acetate	4.378	43	173642	52.403	ug/l	100
19) Methyl tert-butyl Ether	5.110	73	666514	49.495	ug/l	100
20) Methylene Chloride	4.604	84	275004	47.415	ug/l	100
21) trans-1,2-Dichloroethene	5.104	96	282272	48.334	ug/l	100
22) Diisopropyl ether	6.018	45	815359	49.070	ug/l	100
23) Vinyl Acetate	5.951	43	2268046	246.849	ug/l	100
24) 1,1-Dichloroethane	5.909	63	495073	48.732	ug/l	100
25) 2-Butanone	6.884	43	382711	252.715	ug/l	100
26) 2,2-Dichloropropane	6.884	77	425773	48.571	ug/l	100
27) cis-1,2-Dichloroethene	6.884	96	327272	48.474	ug/l	100
28) Bromochloromethane	7.244	49	196667	48.795	ug/l	100
29) Tetrahydrofuran	7.256	42	235169	250.523	ug/l	100
30) Chloroform	7.415	83	508641	48.547	ug/l	100
31) Cyclohexane	7.695	56	440266	45.989	ug/l	100
32) 1,1,1-Trichloroethane	7.616	97	451521	48.569	ug/l	100
36) 1,1-Dichloropropene	7.829	75	371204	48.734	ug/l	100
37) Ethyl Acetate	6.982	43	160980	50.311	ug/l	100
38) Carbon Tetrachloride	7.817	117	399463	48.285	ug/l	100
39) Methylcyclohexane	9.103	83	484691	48.321	ug/l	100
40) Benzene	8.073	78	1142910	48.683	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081225\
Data File : VY023053.D
Acq On : 12 Aug 2025 16:02
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/14/2025
Supervised By :Semsettin Yesilyurt 08/14/2025

Quant Time: Aug 13 01:53:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 01:46:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.219	41	94123	50.916	ug/l		100
42) 1,2-Dichloroethane	8.152	62	296907	48.627	ug/l		100
43) Isopropyl Acetate	8.195	43	319600	49.419	ug/l		100
44) Trichloroethene	8.859	130	292421	48.199	ug/l		100
45) 1,2-Dichloropropane	9.140	63	264354	48.938	ug/l		100
46) Dibromomethane	9.225	93	152822	49.291	ug/l		100
47) Bromodichloromethane	9.420	83	393523	49.327	ug/l		100
48) Methyl methacrylate	9.213	41	160792	51.958	ug/l		100
49) 1,4-Dioxane	9.225	88	36249	997.124	ug/l		100
51) 4-Methyl-2-Pentanone	9.993	43	853025	255.710	ug/l		100
52) Toluene	10.164	92	735326	49.315	ug/l		100
53) t-1,3-Dichloropropene	10.390	75	359698	49.790	ug/l		100
54) cis-1,3-Dichloropropene	9.853	75	424834	49.731	ug/l		100
55) 1,1,2-Trichloroethane	10.566	97	204368	49.261	ug/l		100
56) Ethyl methacrylate	10.432	69	273801	51.576	ug/l		100
57) 1,3-Dichloropropane	10.713	76	346510	49.249	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.707	63	663351	264.906	ug/l		100
59) 2-Hexanone	10.755	43	584223	257.194	ug/l		100
60) Dibromochloromethane	10.908	129	272171	49.719	ug/l		100
61) 1,2-Dibromoethane	11.005	107	193398	49.598	ug/l		100
64) Tetrachloroethene	10.640	164	327271	48.740	ug/l		100
65) Chlorobenzene	11.438	112	793490	48.920	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.511	131	271839	49.381	ug/l		100
67) Ethyl Benzene	11.511	91	1397704	50.073	ug/l		100
68) m/p-Xylenes	11.621	106	1080401	99.103	ug/l		100
69) o-Xylene	11.950	106	516002	50.536	ug/l		100
70) Styrene	11.962	104	844409	50.569	ug/l		100
71) Bromoform	12.127	173	160769	49.969	ug/l	#	100
73) Isopropylbenzene	12.249	105	1324313	49.660	ug/l		100
74) N-amyl acetate	12.066	43	289914	51.264	ug/l		100
75) 1,1,2,2-Tetrachloroethane	12.499	83	220853	48.503	ug/l		100
76) 1,2,3-Trichloropropane	12.548	75	202260m	55.430	ug/l		
77) Bromobenzene	12.523	156	312706	49.152	ug/l		100
78) n-propylbenzene	12.590	91	1593368	50.186	ug/l		100
79) 2-Chlorotoluene	12.670	91	899967	49.473	ug/l		100
80) 1,3,5-Trimethylbenzene	12.731	105	1080333	50.126	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.298	75	74567	49.500	ug/l		100
82) 4-Chlorotoluene	12.767	91	930329	49.299	ug/l		100
83) tert-Butylbenzene	12.993	119	978031	50.244	ug/l		100
84) 1,2,4-Trimethylbenzene	13.035	105	1071926	49.963	ug/l		100
85) sec-Butylbenzene	13.170	105	1425553	49.854	ug/l		100
86) p-Isopropyltoluene	13.285	119	1196645	50.417	ug/l		100
87) 1,3-Dichlorobenzene	13.279	146	608249	48.481	ug/l		100
88) 1,4-Dichlorobenzene	13.359	146	605079	48.618	ug/l		100
89) n-Butylbenzene	13.609	91	1099864	50.454	ug/l		100
90) Hexachloroethane	13.871	117	238005	48.984	ug/l		100
91) 1,2-Dichlorobenzene	13.651	146	536637	48.772	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.267	75	35867	50.592	ug/l		100
93) 1,2,4-Trichlorobenzene	14.913	180	320080	49.192	ug/l		100
94) Hexachlorobutadiene	15.017	225	185604	48.543	ug/l		100
95) Naphthalene	15.139	128	562363	50.685	ug/l		100
96) 1,2,3-Trichlorobenzene	15.322	180	272154	48.540	ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081225\
Data File : VY023053.D
Acq On : 12 Aug 2025 16:02
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/14/2025
Supervised By :Semsettin Yesilyurt 08/14/2025

Quant Time: Aug 13 01:53:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 01:46:43 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

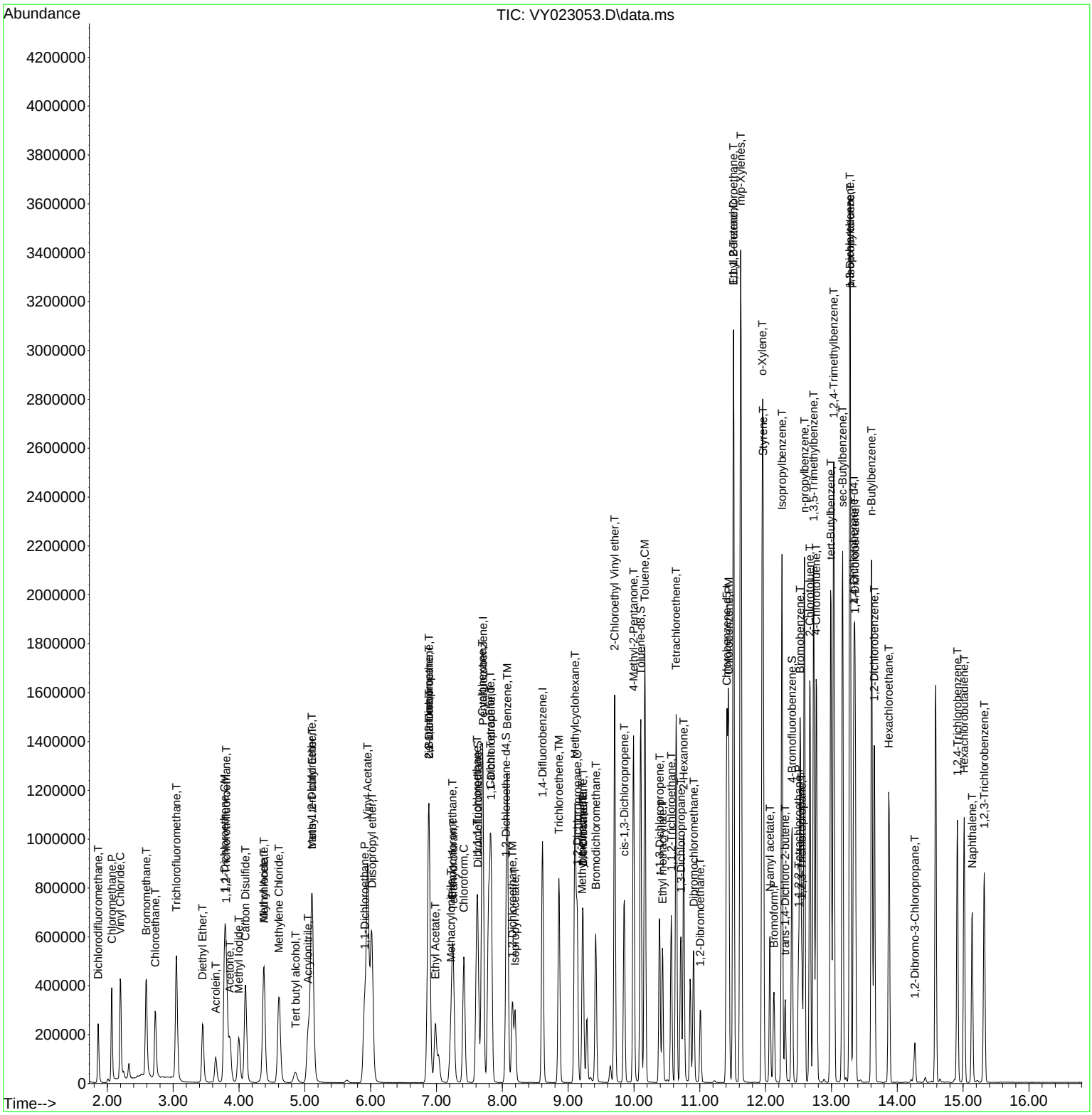
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081225\
Data File : VY023053.D
Acq On : 12 Aug 2025 16:02
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 13 01:53:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 01:46:43 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/14/2025
Supervised By :Semsettin Yesilyurt 08/14/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081225\
Data File : VY023054.D
Acq On : 12 Aug 2025 16:25
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/14/2025
Supervised By :Semsettin Yesilyurt 08/14/2025

Quant Time: Aug 13 01:54:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 01:46:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	558266	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	880463	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.408	117	784385	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	404136	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	527356	99.115	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 198.220%#			
35) Dibromofluoromethane	7.628	113	540106	102.518	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 205.040%#			
50) Toluene-d8	10.103	98	2116445	102.832	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 205.660%#			
62) 4-Bromofluorobenzene	12.402	95	702583	106.147	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 212.300%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	376261	82.570	ug/l	98
3) Chloromethane	2.068	50	673475	91.248	ug/l	99
4) Vinyl Chloride	2.202	62	841648	92.250	ug/l	98
5) Bromomethane	2.586	94	643103	94.384	ug/l	100
6) Chloroethane	2.727	64	567515	93.563	ug/l	99
7) Trichlorofluoromethane	3.050	101	1005284	90.617	ug/l	99
8) Diethyl Ether	3.452	74	273400	93.150	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.812	101	497408	90.882	ug/l	99
10) Methyl Iodide	4.001	142	629775	106.635	ug/l	99
11) Tert butyl alcohol	4.866	59	162373	445.387	ug/l	99
12) 1,1-Dichloroethene	3.787	96	506919	94.229	ug/l	95
13) Acrolein	3.647	56	240580	450.599	ug/l	100
14) Allyl chloride	4.379	41	759925	96.000	ug/l	99
15) Acrylonitrile	5.049	53	555815	465.802	ug/l	99
16) Acetone	3.867	43	522178	453.007	ug/l	97
17) Carbon Disulfide	4.098	76	1622451	92.494	ug/l	100
18) Methyl Acetate	4.379	43	312127	90.993	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	1342237	96.284	ug/l	100
20) Methylene Chloride	4.610	84	570465	97.847	ug/l	98
21) trans-1,2-Dichloroethene	5.110	96	580972	96.098	ug/l	99
22) Diisopropyl ether	6.019	45	1686285	98.033	ug/l	99
23) Vinyl Acetate	5.958	43	4632278	487.023	ug/l	100
24) 1,1-Dichloroethane	5.909	63	1012815	96.306	ug/l	100
25) 2-Butanone	6.890	43	722555	460.899	ug/l	97
26) 2,2-Dichloropropane	6.878	77	866598	95.497	ug/l	99
27) cis-1,2-Dichloroethene	6.884	96	681242	97.472	ug/l	100
28) Bromochloromethane	7.244	49	409677	98.188	ug/l	100
29) Tetrahydrofuran	7.256	42	451254	464.370	ug/l	100
30) Chloroform	7.415	83	1045381	96.383	ug/l	96
31) Cyclohexane	7.695	56	884707	89.271	ug/l	98
32) 1,1,1-Trichloroethane	7.610	97	929858	96.620	ug/l	99
36) 1,1-Dichloropropene	7.829	75	755114	96.443	ug/l	99
37) Ethyl Acetate	6.982	43	313447	95.302	ug/l	99
38) Carbon Tetrachloride	7.811	117	819941	96.419	ug/l	98
39) Methylcyclohexane	9.103	83	1011944	98.146	ug/l	99
40) Benzene	8.073	78	2348617	97.324	ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081225\
Data File : VY023054.D
Acq On : 12 Aug 2025 16:25
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/14/2025
Supervised By :Semsettin Yesilyurt 08/14/2025

Quant Time: Aug 13 01:54:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 01:46:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.220	41	180468	94.973	ug/l		98
42) 1,2-Dichloroethane	8.152	62	597215	95.155	ug/l		100
43) Isopropyl Acetate	8.195	43	636710	95.780	ug/l		99
44) Trichloroethene	8.860	130	602322	96.584	ug/l		97
45) 1,2-Dichloropropane	9.140	63	543589	97.899	ug/l		99
46) Dibromomethane	9.225	93	309302	97.052	ug/l		99
47) Bromodichloromethane	9.420	83	802532	97.864	ug/l		98
48) Methyl methacrylate	9.219	41	319906	100.567	ug/l		99
49) 1,4-Dioxane	9.225	88	71300	1908.039	ug/l		94
51) 4-Methyl-2-Pentanone	9.994	43	1669668	486.924	ug/l		100
52) Toluene	10.164	92	1537088	100.288	ug/l		100
53) t-1,3-Dichloropropene	10.390	75	754278	101.574	ug/l		99
54) cis-1,3-Dichloropropene	9.853	75	880571	100.281	ug/l		99
55) 1,1,2-Trichloroethane	10.567	97	415556	97.446	ug/l		99
56) Ethyl methacrylate	10.432	69	569556	104.375	ug/l		100
57) 1,3-Dichloropropane	10.713	76	696130	96.253	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.707	63	1389847	539.957	ug/l		99
59) 2-Hexanone	10.756	43	1151000	492.950	ug/l		100
60) Dibromochloromethane	10.902	129	557205	99.024	ug/l		99
61) 1,2-Dibromoethane	11.012	107	391650	97.713	ug/l		98
64) Tetrachloroethene	10.640	164	615871	87.931	ug/l		98
65) Chlorobenzene	11.438	112	1658154	98.004	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.512	131	573131	99.810	ug/l		99
67) Ethyl Benzene	11.512	91	2914020	100.082	ug/l		98
68) m/p-Xylenes	11.621	106	2312597	203.363	ug/l		98
69) o-Xylene	11.950	106	1100998	103.373	ug/l		99
70) Styrene	11.963	104	1845480	105.953	ug/l		99
71) Bromoform	12.127	173	334886	99.786	ug/l	#	99
73) Isopropylbenzene	12.249	105	2839999	99.567	ug/l		99
74) N-amyl acetate	12.066	43	610668	100.955	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.499	83	469810	96.464	ug/l		100
76) 1,2,3-Trichloropropane	12.548	75	330554m	84.695	ug/l		
77) Bromobenzene	12.524	156	671329	98.655	ug/l		98
78) n-propylbenzene	12.591	91	3360679	98.963	ug/l		99
79) 2-Chlorotoluene	12.670	91	1931460	99.268	ug/l		100
80) 1,3,5-Trimethylbenzene	12.731	105	2321527	100.707	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.298	75	153260	95.118	ug/l		100
82) 4-Chlorotoluene	12.767	91	1988544	98.519	ug/l		100
83) tert-Butylbenzene	12.993	119	2125785	102.102	ug/l		98
84) 1,2,4-Trimethylbenzene	13.036	105	2339432	101.946	ug/l		100
85) sec-Butylbenzene	13.170	105	3056373	99.932	ug/l		100
86) p-Isopropyltoluene	13.286	119	2610936	102.846	ug/l		100
87) 1,3-Dichlorobenzene	13.280	146	1338547	99.748	ug/l		99
88) 1,4-Dichlorobenzene	13.359	146	1290840	96.970	ug/l		99
89) n-Butylbenzene	13.609	91	2370706	101.675	ug/l		100
90) Hexachloroethane	13.871	117	510900	98.308	ug/l		99
91) 1,2-Dichlorobenzene	13.651	146	1162152	98.749	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.267	75	69736	91.965	ug/l		97
93) 1,2,4-Trichlorobenzene	14.913	180	692201	99.460	ug/l		98
94) Hexachlorobutadiene	15.017	225	387707	94.803	ug/l		99
95) Naphthalene	15.133	128	1212227	102.147	ug/l		100
96) 1,2,3-Trichlorobenzene	15.322	180	587990	98.046	ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081225\
Data File : VY023054.D
Acq On : 12 Aug 2025 16:25
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/14/2025
Supervised By :Semsettin Yesilyurt 08/14/2025

Quant Time: Aug 13 01:54:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 01:46:43 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

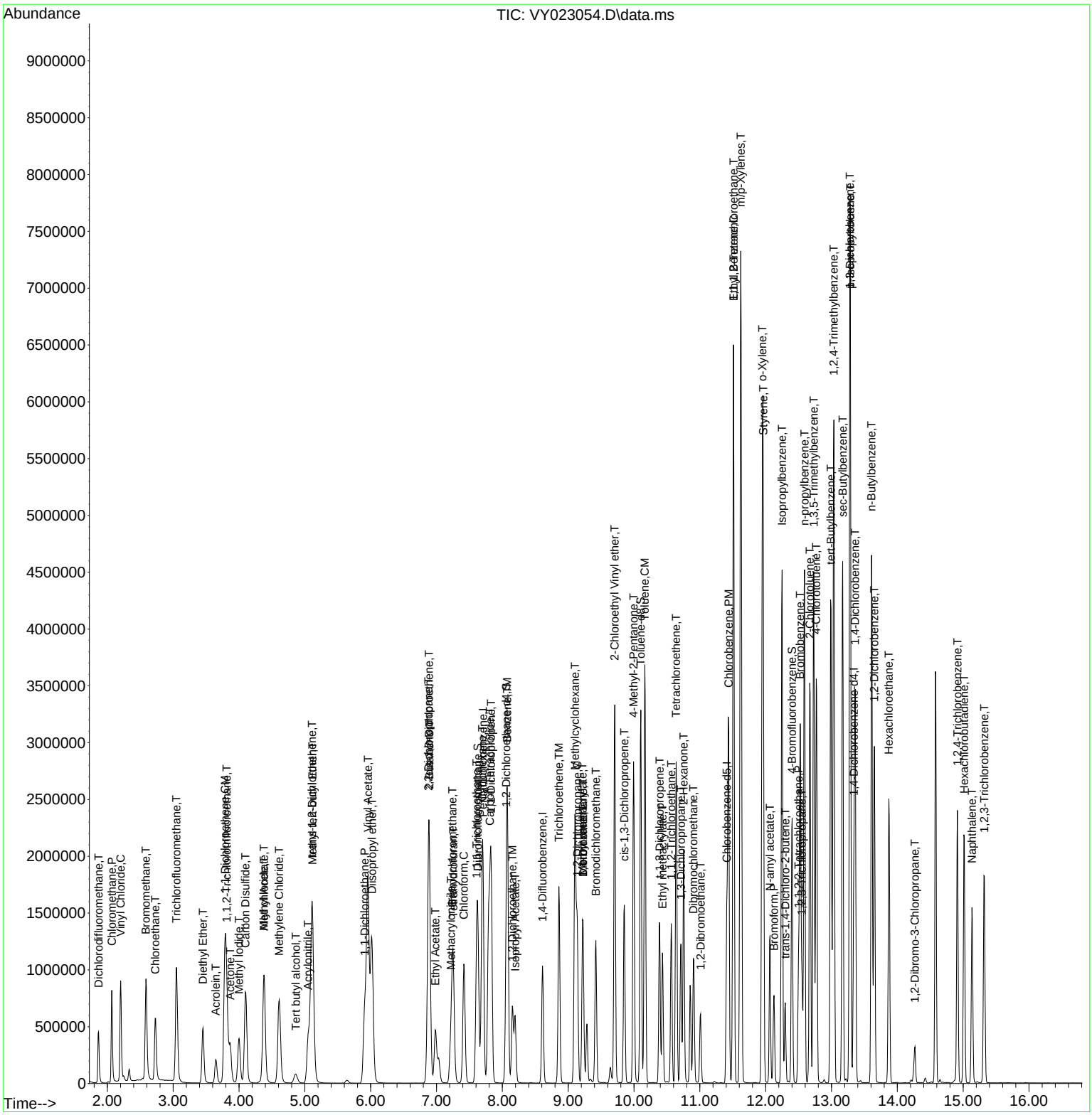
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081225\
Data File : VY023054.D
Acq On : 12 Aug 2025 16:25
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 13 01:54:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 01:46:43 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/14/2025
Supervised By :Semsettin Yesilyurt 08/14/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081225\
Data File : VY023055.D
Acq On : 12 Aug 2025 16:47
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/14/2025
Supervised By :Semsettin Yesilyurt 08/14/2025

Quant Time: Aug 13 01:55:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 01:46:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.701	168	538712	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	844092	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.408	117	756365	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	389949	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	746936	145.480	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 290.960%#			
35) Dibromofluoromethane	7.628	113	771944	152.837	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 305.680%#			
50) Toluene-d8	10.103	98	3003834	152.237	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 304.480%#			
62) 4-Bromofluorobenzene	12.402	95	998318	157.326	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 314.660%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.861	85	571723	130.017	ug/l	98
3) Chloromethane	2.062	50	991215	139.173	ug/l	99
4) Vinyl Chloride	2.202	62	1238646	140.692	ug/l	99
5) Bromomethane	2.580	94	938717	142.770	ug/l	100
6) Chloroethane	2.720	64	834547	142.581	ug/l	100
7) Trichlorofluoromethane	3.043	101	1574213	147.051	ug/l	99
8) Diethyl Ether	3.446	74	426242	150.496	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.806	101	763053	144.479	ug/l	99
10) Methyl Iodide	3.995	142	909378	159.567	ug/l	100
11) Tert butyl alcohol	4.860	59	265243	753.967	ug/l	100
12) 1,1-Dichloroethene	3.781	96	768098	147.960	ug/l	95
13) Acrolein	3.647	56	374594	727.070	ug/l	98
14) Allyl chloride	4.372	41	1151194	150.707	ug/l	99
15) Acrylonitrile	5.049	53	883293	767.115	ug/l	99
16) Acetone	3.866	43	777658	699.133	ug/l	100
17) Carbon Disulfide	4.098	76	2426564	143.357	ug/l	99
18) Methyl Acetate	4.379	43	500151	151.100	ug/l	99
19) Methyl tert-butyl Ether	5.110	73	2113920	157.144	ug/l	99
20) Methylene Chloride	4.604	84	846955	152.064	ug/l	99
21) trans-1,2-Dichloroethene	5.110	96	889517	152.474	ug/l	97
22) Diisopropyl ether	6.012	45	2594499	156.307	ug/l	99
23) Vinyl Acetate	5.951	43	7267824	791.851	ug/l	99
24) 1,1-Dichloroethane	5.909	63	1527663	150.534	ug/l	99
25) 2-Butanone	6.890	43	1144112	756.289	ug/l	97
26) 2,2-Dichloropropane	6.878	77	1293043	147.663	ug/l	99
27) cis-1,2-Dichloroethene	6.884	96	1047717	155.348	ug/l	98
28) Bromochloromethane	7.238	49	599841	148.984	ug/l	98
29) Tetrahydrofuran	7.256	42	734408	783.186	ug/l	99
30) Chloroform	7.415	83	1585686	151.505	ug/l	95
31) Cyclohexane	7.695	56	1354021	141.586	ug/l	98
32) 1,1,1-Trichloroethane	7.610	97	1396470	150.372	ug/l	100
36) 1,1-Dichloropropene	7.829	75	1132306	150.850	ug/l	99
37) Ethyl Acetate	6.982	43	494371	156.788	ug/l	99
38) Carbon Tetrachloride	7.811	117	1226800	150.478	ug/l	96
39) Methylcyclohexane	9.103	83	1556004	157.417	ug/l	98
40) Benzene	8.073	78	3533174	152.720	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081225\
Data File : VY023055.D
Acq On : 12 Aug 2025 16:47
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/14/2025
Supervised By :Semsettin Yesilyurt 08/14/2025

Quant Time: Aug 13 01:55:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 01:46:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.213	41	261721	143.669	ug/l		90
42) 1,2-Dichloroethane	8.152	62	909030	151.078	ug/l		100
43) Isopropyl Acetate	8.195	43	1029854	161.596	ug/l		98
44) Trichloroethene	8.860	130	909510	152.126	ug/l		94
45) 1,2-Dichloropropane	9.134	63	822035	154.426	ug/l		99
46) Dibromomethane	9.225	93	480162	157.156	ug/l		100
47) Bromodichloromethane	9.420	83	1217658	154.884	ug/l		99
48) Methyl methacrylate	9.213	41	497527	163.144	ug/l		97
49) 1,4-Dioxane	9.225	88	117513	3280.235	ug/l		98
51) 4-Methyl-2-Pentanone	9.993	43	2677587	814.509	ug/l		99
52) Toluene	10.164	92	2332797	158.762	ug/l		99
53) t-1,3-Dichloropropene	10.390	75	1162952	163.355	ug/l		99
54) cis-1,3-Dichloropropene	9.853	75	1366797	162.359	ug/l		99
55) 1,1,2-Trichloroethane	10.567	97	642236	157.090	ug/l		98
56) Ethyl methacrylate	10.432	69	908662	173.693	ug/l		100
57) 1,3-Dichloropropane	10.713	76	1087297	156.818	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.707	63	2167815	878.488	ug/l		99
59) 2-Hexanone	10.756	43	1848093	825.606	ug/l		100
60) Dibromochloromethane	10.908	129	860181	159.454	ug/l		99
61) 1,2-Dibromoethane	11.012	107	613069	159.546	ug/l		99
64) Tetrachloroethene	10.640	164	990664	146.682	ug/l		98
65) Chlorobenzene	11.438	112	2520874	154.514	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.511	131	871003	157.304	ug/l		99
67) Ethyl Benzene	11.511	91	4438665	158.093	ug/l		98
68) m/p-Xylenes	11.621	106	3511726	320.251	ug/l		96
69) o-Xylene	11.950	106	1683720	163.941	ug/l		100
70) Styrene	11.963	104	2846443	169.475	ug/l		99
71) Bromoform	12.127	173	523541	161.778	ug/l	#	98
73) Isopropylbenzene	12.249	105	4269945	155.145	ug/l		99
74) N-amyl acetate	12.066	43	982090	168.265	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.499	83	717524	152.686	ug/l		100
76) 1,2,3-Trichloropropane	12.548	75	519276m	137.890	ug/l		
77) Bromobenzene	12.523	156	1021449	155.568	ug/l		99
78) n-propylbenzene	12.591	91	5048012	154.058	ug/l		99
79) 2-Chlorotoluene	12.676	91	2878647	153.331	ug/l		100
80) 1,3,5-Trimethylbenzene	12.731	105	3469329	155.973	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.298	75	245958	158.203	ug/l		97
82) 4-Chlorotoluene	12.773	91	2981042	153.063	ug/l		99
83) tert-Butylbenzene	12.993	119	3161475	157.371	ug/l		99
84) 1,2,4-Trimethylbenzene	13.036	105	3501626	158.143	ug/l		100
85) sec-Butylbenzene	13.170	105	4541629	153.897	ug/l		99
86) p-Isopropyltoluene	13.286	119	3918969	159.987	ug/l		99
87) 1,3-Dichlorobenzene	13.279	146	2049060	158.251	ug/l		99
88) 1,4-Dichlorobenzene	13.359	146	1941716	151.172	ug/l		98
89) n-Butylbenzene	13.609	91	3578272	159.048	ug/l		100
90) Hexachloroethane	13.871	117	772603	154.073	ug/l		99
91) 1,2-Dichlorobenzene	13.651	146	1754100	154.469	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.267	75	114505	156.498	ug/l		96
93) 1,2,4-Trichlorobenzene	14.913	180	1117401	166.397	ug/l		98
94) Hexachlorobutadiene	15.017	225	589351	149.352	ug/l		99
95) Naphthalene	15.139	128	2094983	182.954	ug/l		100
96) 1,2,3-Trichlorobenzene	15.322	180	975366	168.557	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081225\
Data File : VY023055.D
Acq On : 12 Aug 2025 16:47
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/14/2025
Supervised By :Semsettin Yesilyurt 08/14/2025

Quant Time: Aug 13 01:55:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 01:46:43 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

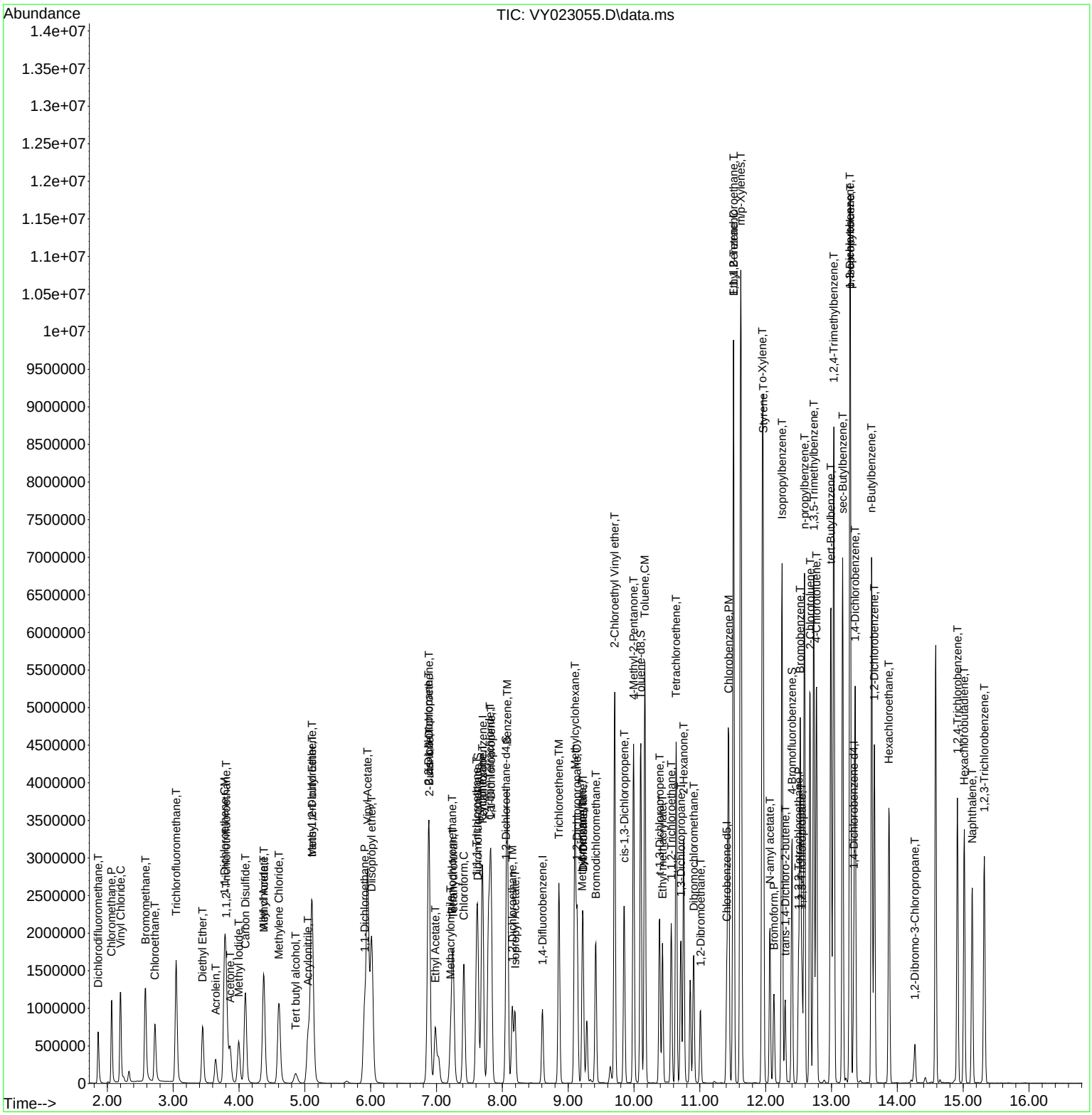
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081225\
Data File : VY023055.D
Acq On : 12 Aug 2025 16:47
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 13 01:55:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 01:46:43 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/14/2025
Supervised By :Semsettin Yesilyurt 08/14/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081225\
Data File : VY023057.D
Acq On : 12 Aug 2025 17:53
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY081225

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/14/2025
Supervised By :Semsettin Yesilyurt 08/14/2025

Quant Time: Aug 13 02:14:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 02:10:11 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	528657	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	849851	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	756555	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	376990	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	252116	50.038	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.080%			
35) Dibromofluoromethane	7.628	113	255171	50.179	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.360%			
50) Toluene-d8	10.103	98	979510	49.306	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 98.620%			
62) 4-Bromofluorobenzene	12.402	95	329022	51.500	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 103.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	179421	41.579	ug/l	99
3) Chloromethane	2.068	50	340600	48.732	ug/l	100
4) Vinyl Chloride	2.202	62	416413	48.198	ug/l	99
5) Bromomethane	2.592	94	303147	46.983	ug/l	98
6) Chloroethane	2.733	64	281008	48.923	ug/l	99
7) Trichlorofluoromethane	3.050	101	493782	47.003	ug/l	100
8) Diethyl Ether	3.452	74	132818	47.787	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.812	101	247351	47.725	ug/l	99
10) Methyl Iodide	4.001	142	287126	51.340	ug/l	99
11) Tert butyl alcohol	4.860	59	84906	245.940	ug/l	98
12) 1,1-Dichloroethene	3.787	96	242931	47.686	ug/l	95
13) Acrolein	3.647	56	112246	222.008	ug/l	98
14) Allyl chloride	4.379	41	354691	47.317	ug/l	99
15) Acrylonitrile	5.055	53	274329	242.779	ug/l	99
16) Acetone	3.867	43	229985	210.695	ug/l	96
17) Carbon Disulfide	4.104	76	779852	46.948	ug/l	99
18) Methyl Acetate	4.385	43	168821	51.972	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	658713	49.899	ug/l	100
20) Methylene Chloride	4.610	84	283386	49.960	ug/l	98
21) trans-1,2-Dichloroethene	5.110	96	279182	48.765	ug/l	98
22) Diisopropyl ether	6.019	45	814622	50.011	ug/l	97
23) Vinyl Acetate	5.958	43	2182924	242.360	ug/l	100
24) 1,1-Dichloroethane	5.915	63	483509	48.551	ug/l	100
25) 2-Butanone	6.890	43	341490	230.028	ug/l	99
26) 2,2-Dichloropropane	6.884	77	390777	45.475	ug/l	99
27) cis-1,2-Dichloroethene	6.884	96	322451	48.720	ug/l	99
28) Bromochloromethane	7.238	49	198640	50.275	ug/l	100
29) Tetrahydrofuran	7.262	42	227680	247.420	ug/l	100
30) Chloroform	7.421	83	497627	48.450	ug/l	97
31) Cyclohexane	7.695	56	436638	46.526	ug/l	98
32) 1,1,1-Trichloroethane	7.610	97	445943	48.933	ug/l	100
36) 1,1-Dichloropropene	7.829	75	364210	48.193	ug/l	99
37) Ethyl Acetate	6.982	43	157530	49.621	ug/l	99
38) Carbon Tetrachloride	7.817	117	394245	48.030	ug/l	99
39) Methylcyclohexane	9.103	83	493867	49.625	ug/l	98
40) Benzene	8.073	78	1128023	48.428	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081225\
Data File : VY023057.D
Acq On : 12 Aug 2025 17:53
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY081225

Quant Time: Aug 13 02:14:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 02:10:11 2025
Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/14/2025
Supervised By :Semsettin Yesilyurt 08/14/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.220	41	88437	48.269	ug/l		99
42) 1,2-Dichloroethane	8.152	62	291766	48.162	ug/l		100
43) Isopropyl Acetate	8.195	43	315013	49.094	ug/l		98
44) Trichloroethene	8.860	130	287745	47.803	ug/l		95
45) 1,2-Dichloropropane	9.140	63	262408	48.961	ug/l		98
46) Dibromomethane	9.225	93	149745	48.679	ug/l		99
47) Bromodichloromethane	9.420	83	391522	49.463	ug/l		98
48) Methyl methacrylate	9.219	41	155118	50.520	ug/l		99
49) 1,4-Dioxane	9.225	88	35050	971.749	ug/l		98
51) 4-Methyl-2-Pentanone	9.993	43	823949	248.943	ug/l		99
52) Toluene	10.164	92	724356	48.963	ug/l		100
53) t-1,3-Dichloropropene	10.390	75	356228	49.699	ug/l		99
54) cis-1,3-Dichloropropene	9.853	75	415017	48.965	ug/l		97
55) 1,1,2-Trichloroethane	10.567	97	201146	48.867	ug/l		98
56) Ethyl methacrylate	10.432	69	267458	50.779	ug/l		99
57) 1,3-Dichloropropane	10.713	76	343649	49.228	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.707	63	678865	273.240	ug/l		100
59) 2-Hexanone	10.756	43	551743	244.812	ug/l		99
60) Dibromochloromethane	10.908	129	270536	49.810	ug/l		99
61) 1,2-Dibromoethane	11.012	107	190334	49.197	ug/l		100
64) Tetrachloroethene	10.640	164	307456	45.512	ug/l		98
65) Chlorobenzene	11.438	112	787799	48.275	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.512	131	270360	48.815	ug/l		99
67) Ethyl Benzene	11.512	91	1380648	49.163	ug/l		100
68) m/p-Xylenes	11.621	106	1080541	98.515	ug/l		99
69) o-Xylene	11.950	106	509991	49.645	ug/l		99
70) Styrene	11.963	104	852310	50.733	ug/l		99
71) Bromoform	12.127	173	157073	48.525	ug/l	#	98
73) Isopropylbenzene	12.249	105	1327070	49.876	ug/l		100
74) N-amyl acetate	12.066	43	285118	50.529	ug/l		100
75) 1,1,2,2-Tetrachloroethane	12.499	83	224206	49.350	ug/l		98
76) 1,2,3-Trichloropropane	12.548	75	167859m	46.136	ug/l		
77) Bromobenzene	12.524	156	311065	49.004	ug/l		99
78) n-propylbenzene	12.591	91	1610911	50.853	ug/l		100
79) 2-Chlorotoluene	12.676	91	905657	49.898	ug/l		100
80) 1,3,5-Trimethylbenzene	12.731	105	1094902	50.916	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.298	75	74263	49.409	ug/l		98
82) 4-Chlorotoluene	12.774	91	932114	49.505	ug/l		100
83) tert-Butylbenzene	12.993	119	979692	50.443	ug/l		99
84) 1,2,4-Trimethylbenzene	13.036	105	1092616	51.042	ug/l		100
85) sec-Butylbenzene	13.170	105	1459437	51.154	ug/l		100
86) p-Isopropyltoluene	13.286	119	1222900	51.639	ug/l		100
87) 1,3-Dichlorobenzene	13.280	146	621371	49.639	ug/l		98
88) 1,4-Dichlorobenzene	13.359	146	602429	48.514	ug/l		99
89) n-Butylbenzene	13.609	91	1122189	51.594	ug/l		100
90) Hexachloroethane	13.871	117	245386	50.617	ug/l		99
91) 1,2-Dichlorobenzene	13.651	146	540506	49.234	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.267	75	35428	50.085	ug/l		98
93) 1,2,4-Trichlorobenzene	14.913	180	320472	49.363	ug/l		99
94) Hexachlorobutadiene	15.017	225	184430	48.344	ug/l		99
95) Naphthalene	15.139	128	571480	51.623	ug/l		100
96) 1,2,3-Trichlorobenzene	15.322	180	272638	48.735	ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081225\
Data File : VY023057.D
Acq On : 12 Aug 2025 17:53
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY081225

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/14/2025
Supervised By :Semsettin Yesilyurt 08/14/2025

Quant Time: Aug 13 02:14:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 02:10:11 2025
Response via : Initial Calibration

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

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

ICAL Form

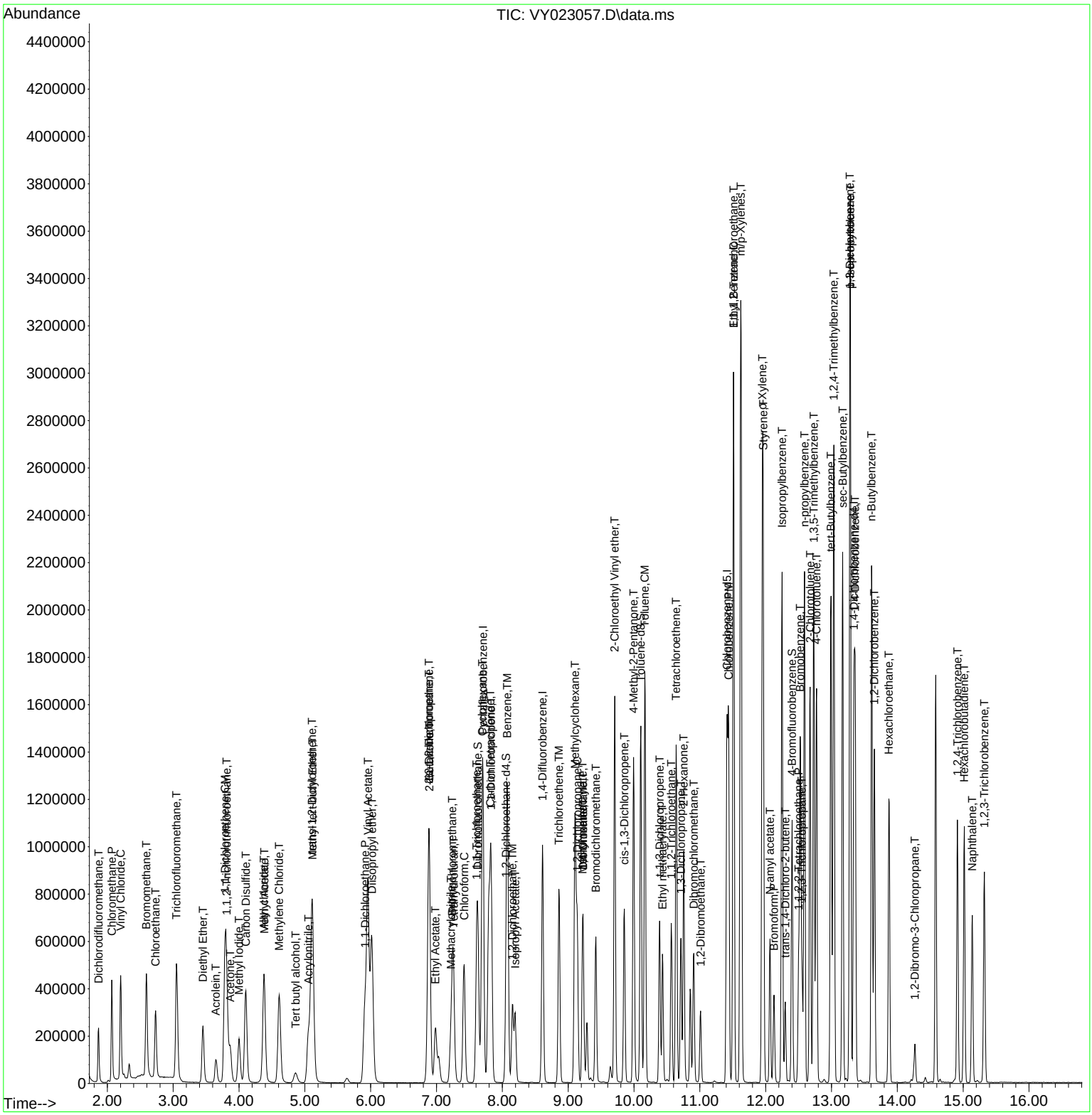
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081225\
Data File : VY023057.D
Acq On : 12 Aug 2025 17:53
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 13 02:14:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 02:10:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY081225

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/14/2025
Supervised By :Semsettin Yesilyurt 08/14/2025



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081225\
Data File : VY023057.D
Acq On : 12 Aug 2025 17:53
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY081225

Quant Time: Aug 13 02:14:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 02:10:11 2025
Response via : Initial Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	1.000	1.000	0.0	98	0.00
2	T	Dichlorodifluoromethane	0.408	0.339	16.9	96	0.00
3	P	Chloromethane	0.661	0.644	2.6	104	0.00
4	C	Vinyl Chloride	0.817	0.788	3.5#	100	0.00
5	T	Bromomethane	0.610	0.573	6.1	104	0.00
6	T	Chloroethane	0.543	0.532	2.0	101	0.00
7	T	Trichlorofluoromethane	0.994	0.934	6.0	98	0.00
8	T	Diethyl Ether	0.263	0.251	4.6	98	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.490	0.468	4.5	99	0.00
10	T	Methyl Iodide	0.529	0.543	-2.6	97	0.00
11	T	Tert butyl alcohol	0.033	0.032	3.0	99	0.00
12	CM	1,1-Dichloroethene	0.482	0.460	4.6#	97	0.00
13	T	Acrolein	0.048	0.042	12.5	93	0.00
14	T	Allyl chloride	0.709	0.671	5.4	96	0.00
15	T	Acrylonitrile	0.107	0.104	2.8	96	0.00
16	T	Acetone	0.103	0.087	15.5	83	0.00
17	T	Carbon Disulfide	1.571	1.475	6.1	97	0.00
18	T	Methyl Acetate	0.307	0.319	-3.9	97	0.00
19	T	Methyl tert-butyl Ether	1.249	1.246	0.2	99	0.00
20	T	Methylene Chloride	0.620	0.536	13.5	103	0.00
21	T	trans-1,2-Dichloroethene	0.541	0.528	2.4	99	0.00
22	T	Diisopropyl ether	1.541	1.541	0.0	100	0.00
23	T	Vinyl Acetate	0.852	0.826	3.1	96	0.00
24	P	1,1-Dichloroethane	0.942	0.915	2.9	98	0.00
25	T	2-Butanone	0.140	0.129	7.9	89	0.00
26	T	2,2-Dichloropropane	0.813	0.739	9.1	92	0.00
27	T	cis-1,2-Dichloroethene	0.626	0.610	2.6	99	0.00
28	T	Bromochloromethane	0.374	0.376	-0.5	101	0.00
29	T	Tetrahydrofuran	0.087	0.086	1.1	97	0.00
30	C	Chloroform	0.971	0.941	3.1#	98	0.00
31	T	Cyclohexane	0.888	0.826	7.0	99	0.00
32	T	1,1,1-Trichloroethane	0.862	0.844	2.1	99	0.00
33	S	1,2-Dichloroethane-d4	0.477	0.477	0.0	101	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	99	0.00
35	S	Dibromofluoromethane	0.299	0.300	-0.3	102	0.00
36	T	1,1-Dichloropropene	0.445	0.429	3.6	98	0.00
37	T	Ethyl Acetate	0.187	0.185	1.1	98	0.00
38	T	Carbon Tetrachloride	0.483	0.464	3.9	99	0.00
39	T	Methylcyclohexane	0.586	0.581	0.9	102	0.00
40	TM	Benzene	1.370	1.327	3.1	99	0.00
41	T	Methacrylonitrile	0.108	0.104	3.7	94	0.00
42	TM	1,2-Dichloroethane	0.356	0.343	3.7	98	0.00
43	T	Isopropyl Acetate	0.378	0.371	1.9	99	0.00
44	TM	Trichloroethene	0.354	0.339	4.2	98	0.00
45	C	1,2-Dichloropropane	0.315	0.309	1.9#	99	0.00
46	T	Dibromomethane	0.181	0.176	2.8	98	0.00
47	T	Bromodichloromethane	0.466	0.461	1.1	99	0.00
48	T	Methyl methacrylate	0.181	0.183	-1.1	96	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081225\
Data File : VY023057.D
Acq On : 12 Aug 2025 17:53
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY081225

Quant Time: Aug 13 02:14:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 02:10:11 2025
Response via : Initial Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.002	0.0	97	0.00
50	S	Toluene-d8	1.169	1.153	1.4	100	0.00
51	T	4-Methyl-2-Pentanone	0.195	0.194	0.5	97	0.00
52	CM	Toluene	0.870	0.852	2.1#	99	0.00
53	T	t-1,3-Dichloropropene	0.422	0.419	0.7	99	0.00
54	T	cis-1,3-Dichloropropene	0.499	0.488	2.2	98	0.00
55	T	1,1,2-Trichloroethane	0.242	0.237	2.1	98	0.00
56	T	Ethyl methacrylate	0.310	0.315	-1.6	98	0.00
57	T	1,3-Dichloropropane	0.411	0.404	1.7	99	0.00
58	T	2-Chloroethyl Vinyl ether	0.146	0.160	-9.6	102	0.00
59	T	2-Hexanone	0.133	0.130	2.3	94	0.00
60	T	Dibromochloromethane	0.320	0.318	0.6	99	0.00
61	T	1,2-Dibromoethane	0.228	0.224	1.8	98	0.00
62	S	4-Bromofluorobenzene	0.376	0.387	-2.9	104	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	101	0.00
64	T	Tetrachloroethene	0.446	0.406	9.0	94	0.00
65	PM	Chlorobenzene	1.079	1.041	3.5	99	0.00
66	T	1,1,1,2-Tetrachloroethane	0.366	0.357	2.5	99	0.00
67	C	Ethyl Benzene	1.856	1.825	1.7#	99	0.00
68	T	m/p-Xylenes	0.725	0.714	1.5	100	0.00
69	T	o-Xylene	0.679	0.674	0.7	99	0.00
70	T	Styrene	1.110	1.127	-1.5	101	0.00
71	P	Bromoform	0.214	0.208	2.8	98	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	100	0.00
73	T	Isopropylbenzene	3.529	3.520	0.3	100	0.00
74	T	N-amyl acetate	0.748	0.756	-1.1	98	0.00
75	P	1,1,2,2-Tetrachloroethane	0.603	0.595	1.3	102	0.00
76	T	1,2,3-Trichloropropane	0.483	0.445	7.9	83	0.00
77	T	Bromobenzene	0.842	0.825	2.0	99	0.00
78	T	n-propylbenzene	4.201	4.273	-1.7	101	0.00
79	T	2-Chlorotoluene	2.407	2.402	0.2	101	0.00
80	T	1,3,5-Trimethylbenzene	2.852	2.904	-1.8	101	0.00
81	T	trans-1,4-Dichloro-2-butene	0.199	0.197	1.0	100	0.00
82	T	4-Chlorotoluene	2.497	2.473	1.0	100	0.00
83	T	tert-Butylbenzene	2.576	2.599	-0.9	100	0.00
84	T	1,2,4-Trimethylbenzene	2.839	2.898	-2.1	102	0.00
85	T	sec-Butylbenzene	3.784	3.871	-2.3	102	0.00
86	T	p-Isopropyltoluene	3.141	3.244	-3.3	102	0.00
87	T	1,3-Dichlorobenzene	1.660	1.648	0.7	102	0.00
88	T	1,4-Dichlorobenzene	1.647	1.598	3.0	100	0.00
89	T	n-Butylbenzene	2.885	2.977	-3.2	102	0.00
90	T	Hexachloroethane	0.643	0.651	-1.2	103	0.00
91	T	1,2-Dichlorobenzene	1.456	1.434	1.5	101	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.094	0.094	0.0	99	0.00
93	T	1,2,4-Trichlorobenzene	0.861	0.850	1.3	100	0.00
94	T	Hexachlorobutadiene	0.506	0.489	3.4	99	0.00
95	T	Naphthalene	1.468	1.516	-3.3	102	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081225\
Data File : VY023057.D
Acq On : 12 Aug 2025 17:53
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY081225

Quant Time: Aug 13 02:14:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 02:10:11 2025
Response via : Initial Calibration

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.742	0.723	2.6	100	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_Y\Data\VY081225\
Data File : VY023057.D
Acq On : 12 Aug 2025 17:53
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY081225

Quant Time: Aug 13 02:14:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 02:10:11 2025
Response via : Initial Calibration

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

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	50.000	50.000	0.0	98	0.00
2	T	Dichlorodifluoromethane	50.000	41.579	16.8	96	0.00
3	P	Chloromethane	50.000	48.732	2.5	104	0.00
4	C	Vinyl Chloride	50.000	48.198	3.6#	100	0.00
5	T	Bromomethane	50.000	46.983	6.0	104	0.00
6	T	Chloroethane	50.000	48.923	2.2	101	0.00
7	T	Trichlorofluoromethane	50.000	47.003	6.0	98	0.00
8	T	Diethyl Ether	50.000	47.787	4.4	98	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	47.725	4.5	99	0.00
10	T	Methyl Iodide	50.000	51.340	-2.7	97	0.00
11	T	Tert butyl alcohol	250.000	245.940	1.6	99	0.00
12	CM	1,1-Dichloroethene	50.000	47.686	4.6#	97	0.00
13	T	Acrolein	250.000	222.008	11.2	93	0.00
14	T	Allyl chloride	50.000	47.317	5.4	96	0.00
15	T	Acrylonitrile	250.000	242.779	2.9	96	0.00
16	T	Acetone	250.000	210.695	15.7	83	0.00
17	T	Carbon Disulfide	50.000	46.948	6.1	97	0.00
18	T	Methyl Acetate	50.000	51.972	-3.9	97	0.00
19	T	Methyl tert-butyl Ether	50.000	49.899	0.2	99	0.00
20	T	Methylene Chloride	50.000	49.960	0.1	103	0.00
21	T	trans-1,2-Dichloroethene	50.000	48.765	2.5	99	0.00
22	T	Diisopropyl ether	50.000	50.011	-0.0	100	0.00
23	T	Vinyl Acetate	250.000	242.360	3.1	96	0.00
24	P	1,1-Dichloroethane	50.000	48.551	2.9	98	0.00
25	T	2-Butanone	250.000	230.028	8.0	89	0.00
26	T	2,2-Dichloropropane	50.000	45.475	9.0	92	0.00
27	T	cis-1,2-Dichloroethene	50.000	48.720	2.6	99	0.00
28	T	Bromochloromethane	50.000	50.275	-0.5	101	0.00
29	T	Tetrahydrofuran	250.000	247.420	1.0	97	0.00
30	C	Chloroform	50.000	48.450	3.1#	98	0.00
31	T	Cyclohexane	50.000	46.526	6.9	99	0.00
32	T	1,1,1-Trichloroethane	50.000	48.933	2.1	99	0.00
33	S	1,2-Dichloroethane-d4	50.000	50.038	-0.1	101	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	99	0.00
35	S	Dibromofluoromethane	50.000	50.179	-0.4	102	0.00
36	T	1,1-Dichloropropene	50.000	48.193	3.6	98	0.00
37	T	Ethyl Acetate	50.000	49.621	0.8	98	0.00
38	T	Carbon Tetrachloride	50.000	48.030	3.9	99	0.00
39	T	Methylcyclohexane	50.000	49.625	0.8	102	0.00
40	TM	Benzene	50.000	48.428	3.1	99	0.00
41	T	Methacrylonitrile	50.000	48.269	3.5	94	0.00
42	TM	1,2-Dichloroethane	50.000	48.162	3.7	98	0.00
43	T	Isopropyl Acetate	50.000	49.094	1.8	99	0.00
44	TM	Trichloroethene	50.000	47.803	4.4	98	0.00
45	C	1,2-Dichloropropane	50.000	48.961	2.1#	99	0.00
46	T	Dibromomethane	50.000	48.679	2.6	98	0.00
47	T	Bromodichloromethane	50.000	49.463	1.1	99	0.00
48	T	Methyl methacrylate	50.000	50.520	-1.0	96	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081225\
Data File : VY023057.D
Acq On : 12 Aug 2025 17:53
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY081225

Quant Time: Aug 13 02:14:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 02:10:11 2025
Response via : Initial Calibration

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

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	971.749	2.8	97	0.00
50	S	Toluene-d8	50.000	49.306	1.4	100	0.00
51	T	4-Methyl-2-Pentanone	250.000	248.943	0.4	97	0.00
52	CM	Toluene	50.000	48.963	2.1#	99	0.00
53	T	t-1,3-Dichloropropene	50.000	49.699	0.6	99	0.00
54	T	cis-1,3-Dichloropropene	50.000	48.965	2.1	98	0.00
55	T	1,1,2-Trichloroethane	50.000	48.867	2.3	98	0.00
56	T	Ethyl methacrylate	50.000	50.779	-1.6	98	0.00
57	T	1,3-Dichloropropane	50.000	49.228	1.5	99	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	273.240	-9.3	102	0.00
59	T	2-Hexanone	250.000	244.812	2.1	94	0.00
60	T	Dibromochloromethane	50.000	49.810	0.4	99	0.00
61	T	1,2-Dibromoethane	50.000	49.197	1.6	98	0.00
62	S	4-Bromofluorobenzene	50.000	51.500	-3.0	104	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	101	0.00
64	T	Tetrachloroethene	50.000	45.512	9.0	94	0.00
65	PM	Chlorobenzene	50.000	48.275	3.5	99	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	48.815	2.4	99	0.00
67	C	Ethyl Benzene	50.000	49.163	1.7#	99	0.00
68	T	m/p-Xylenes	100.000	98.515	1.5	100	0.00
69	T	o-Xylene	50.000	49.645	0.7	99	0.00
70	T	Styrene	50.000	50.733	-1.5	101	0.00
71	P	Bromoform	50.000	48.525	3.0	98	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	100	0.00
73	T	Isopropylbenzene	50.000	49.876	0.2	100	0.00
74	T	N-amyl acetate	50.000	50.529	-1.1	98	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	49.350	1.3	102	0.00
76	T	1,2,3-Trichloropropane	50.000	46.136	7.7	83	0.00
77	T	Bromobenzene	50.000	49.004	2.0	99	0.00
78	T	n-propylbenzene	50.000	50.853	-1.7	101	0.00
79	T	2-Chlorotoluene	50.000	49.898	0.2	101	0.00
80	T	1,3,5-Trimethylbenzene	50.000	50.916	-1.8	101	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	49.409	1.2	100	0.00
82	T	4-Chlorotoluene	50.000	49.505	1.0	100	0.00
83	T	tert-Butylbenzene	50.000	50.443	-0.9	100	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.042	-2.1	102	0.00
85	T	sec-Butylbenzene	50.000	51.154	-2.3	102	0.00
86	T	p-Isopropyltoluene	50.000	51.639	-3.3	102	0.00
87	T	1,3-Dichlorobenzene	50.000	49.639	0.7	102	0.00
88	T	1,4-Dichlorobenzene	50.000	48.514	3.0	100	0.00
89	T	n-Butylbenzene	50.000	51.594	-3.2	102	0.00
90	T	Hexachloroethane	50.000	50.617	-1.2	103	0.00
91	T	1,2-Dichlorobenzene	50.000	49.234	1.5	101	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	50.085	-0.2	99	0.00
93	T	1,2,4-Trichlorobenzene	50.000	49.363	1.3	100	0.00
94	T	Hexachlorobutadiene	50.000	48.344	3.3	99	0.00
95	T	Naphthalene	50.000	51.623	-3.2	102	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081225\
Data File : VY023057.D
Acq On : 12 Aug 2025 17:53
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY081225

Quant Time: Aug 13 02:14:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 02:10:11 2025
Response via : Initial Calibration

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	48.735	2.5	100	0.00

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

Raw Data: **VY023162.D**

Alliance TECHNICAL GROUP

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: BAPS03
Lab Code: ACE
SDG No.: Q2892
Instrument ID: MSVOA_Y
Calibration Date/Time: 08/20/2025 09:26
Lab File ID: VY023162.D
Init. Calib. Date(s): 08/12/2025 08/12/2025
Heated Purge: (Y/N) Y
Init. Calib. Time(s): 14:54 16:47
GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.408	0.365		-10.54	20
Chloromethane	0.661	0.648	0.1	-1.97	20
Vinyl Chloride	0.817	0.854		4.53	20
Bromomethane	0.610	0.654		7.21	20
Chloroethane	0.543	0.582		7.18	20
Trichlorofluoromethane	0.994	1.017		2.31	20
1,1,2-Trichlorotrifluoroethane	0.490	0.513		4.69	20
1,1-Dichloroethene	0.482	0.499		3.53	20
Acetone	0.103	0.115		11.65	20
Carbon Disulfide	1.571	1.568		-0.19	20
Methyl tert-butyl Ether	1.249	1.223		-2.08	20
Methyl Acetate	0.307	0.292		-4.89	20
Methylene Chloride	0.620	0.536		-13.55	20
trans-1,2-Dichloroethene	0.541	0.572		5.73	20
1,1-Dichloroethane	0.942	0.968	0.1	2.76	20
Cyclohexane	0.888	0.865		-2.59	20
2-Butanone	0.140	0.141		0.71	20
Carbon Tetrachloride	0.483	0.539		11.59	20
cis-1,2-Dichloroethene	0.626	0.653		4.31	20
Bromochloromethane	0.374	0.361		-3.48	20
Chloroform	0.971	1.015		4.53	20
1,1,1-Trichloroethane	0.862	0.910		5.57	20
Methylcyclohexane	0.586	0.640		9.22	20
Benzene	1.370	1.495		9.12	20
1,2-Dichloroethane	0.356	0.375		5.34	20
Trichloroethene	0.354	0.397		12.15	20
1,2-Dichloropropane	0.315	0.335		6.35	20
Bromodichloromethane	0.466	0.509		9.23	20
4-Methyl-2-Pentanone	0.195	0.200		2.56	20
Toluene	0.870	0.977		12.3	20
t-1,3-Dichloropropene	0.422	0.452		7.11	20
cis-1,3-Dichloropropene	0.499	0.537		7.61	20
1,1,2-Trichloroethane	0.242	0.262		8.26	20
2-Hexanone	0.133	0.143		7.52	20
Dibromochloromethane	0.320	0.350		9.38	20
1,2-Dibromoethane	0.228	0.245		7.46	20
Tetrachloroethene	0.446	0.528		18.39	20
Chlorobenzene	1.079	1.190	0.3	10.29	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: **VY023162.D**

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: BAPS03
Lab Code: ACE
SDG No.: Q2892
Instrument ID: MSVOA_Y
Calibration Date/Time: 08/20/2025 09:26
Lab File ID: VY023162.D
Init. Calib. Date(s): 08/12/2025 08/12/2025
Heated Purge: (Y/N) Y
Init. Calib. Time(s): 14:54 16:47
GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.856	2.068		11.42	20
m/p-Xylenes	0.725	0.826		13.93	20
o-Xylene	0.679	0.765		12.67	20
Styrene	1.110	1.283		15.59	20
Bromoform	0.214	0.231	0.1	7.94	20
Isopropylbenzene	3.529	3.873		9.75	20
1,1,2,2-Tetrachloroethane	0.603	0.574	0.3	-4.81	20
1,3-Dichlorobenzene	1.660	1.828		10.12	20
1,4-Dichlorobenzene	1.647	1.783		8.26	20
1,2-Dichlorobenzene	1.456	1.578		8.38	20
1,2-Dibromo-3-Chloropropane	0.094	0.092		-2.13	20
1,2,4-Trichlorobenzene	0.861	0.899		4.41	20
1,2,3-Trichlorobenzene	0.742	0.772		4.04	20
1,2-Dichloroethane-d4	0.477	0.439		-7.97	20
Dibromofluoromethane	0.299	0.301		0.67	20
Toluene-d8	1.169	1.163		-0.51	20
4-Bromofluorobenzene	0.376	0.371		-1.33	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_Y\Data\VY082025\
Data File : VY023162.D
Acq On : 20 Aug 2025 09:26
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/22/2025
Supervised By :Semsettin Yesilyurt 08/22/2025

Quant Time: Aug 20 10:40:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 02:10:11 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	494314	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	753839	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	669405	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	347499	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	217050	46.072	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 92.140%			
35) Dibromofluoromethane	7.634	113	226814	50.283	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.560%			
50) Toluene-d8	10.109	98	876788	49.757	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.520%			
62) 4-Bromofluorobenzene	12.408	95	279699	49.355	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 98.720%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	180567	44.752	ug/l	99
3) Chloromethane	2.074	50	320547	49.049	ug/l	99
4) Vinyl Chloride	2.202	62	422265	52.271	ug/l	100
5) Bromomethane	2.598	94	323126	53.558	ug/l	99
6) Chloroethane	2.733	64	287842	53.594	ug/l	98
7) Trichlorofluoromethane	3.056	101	502649	51.171	ug/l	99
8) Diethyl Ether	3.458	74	125091	48.134	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.812	101	253822	52.376	ug/l	100
10) Methyl Iodide	4.007	142	294445	56.306	ug/l	98
11) Tert butyl alcohol	4.854	59	69024	213.827	ug/l	100
12) 1,1-Dichloroethene	3.787	96	246545	51.758	ug/l	98
13) Acrolein	3.653	56	50137	106.054	ug/l	98
14) Allyl chloride	4.385	41	340817	48.625	ug/l	98
15) Acrylonitrile	5.055	53	257445	243.666	ug/l	100
16) Acetone	3.867	43	285386	279.613	ug/l	100
17) Carbon Disulfide	4.110	76	775252	49.914	ug/l	100
18) Methyl Acetate	4.385	43	144528	47.585	ug/l	98
19) Methyl tert-butyl Ether	5.122	73	604602	48.982	ug/l	99
20) Methylene Chloride	4.616	84	265161	49.996	ug/l	97
21) trans-1,2-Dichloroethene	5.116	96	282768	52.823	ug/l	99
22) Diisopropyl ether	6.019	45	762865	50.087	ug/l	96
23) Vinyl Acetate	5.958	43	2101300	249.506	ug/l	99
24) 1,1-Dichloroethane	5.915	63	478452	51.381	ug/l	99
25) 2-Butanone	6.896	43	349276	251.618	ug/l	97
26) 2,2-Dichloropropane	6.884	77	428627	53.345	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	322809	52.163	ug/l	98
28) Bromochloromethane	7.244	49	178354	48.277	ug/l	96
29) Tetrahydrofuran	7.262	42	207058	240.643	ug/l	99
30) Chloroform	7.421	83	501780	52.249	ug/l	96
31) Cyclohexane	7.701	56	427482	48.716	ug/l	99
32) 1,1,1-Trichloroethane	7.616	97	449604	52.762	ug/l	99
36) 1,1-Dichloropropene	7.835	75	366529	54.676	ug/l	100
37) Ethyl Acetate	6.988	43	144228	51.218	ug/l	99
38) Carbon Tetrachloride	7.823	117	406373	55.813	ug/l	97
39) Methylcyclohexane	9.110	83	482198	54.623	ug/l	97
40) Benzene	8.079	78	1126859	54.539	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082025\
Data File : VY023162.D
Acq On : 20 Aug 2025 09:26
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 20 10:40:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 02:10:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/22/2025
Supervised By :Semsettin Yesilyurt 08/22/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.220	41	84658	52.092	ug/l		96
42) 1,2-Dichloroethane	8.158	62	282946	52.655	ug/l		100
43) Isopropyl Acetate	8.195	43	284274	49.946	ug/l		98
44) Trichloroethene	8.866	130	299298	56.055	ug/l		100
45) 1,2-Dichloropropane	9.140	63	252505	53.114	ug/l		100
46) Dibromomethane	9.231	93	147989	54.236	ug/l		99
47) Bromodichloromethane	9.427	83	383482	54.618	ug/l		99
48) Methyl methacrylate	9.225	41	139348	51.164	ug/l		98
49) 1,4-Dioxane	9.231	88	31872	996.184	ug/l		93
51) 4-Methyl-2-Pentanone	10.000	43	753630	256.697	ug/l		98
52) Toluene	10.170	92	736387	56.116	ug/l		99
53) t-1,3-Dichloropropene	10.396	75	340402	53.540	ug/l		99
54) cis-1,3-Dichloropropene	9.859	75	405022	53.872	ug/l		98
55) 1,1,2-Trichloroethane	10.573	97	197682	54.142	ug/l		98
56) Ethyl methacrylate	10.439	69	244976	52.434	ug/l		99
57) 1,3-Dichloropropane	10.719	76	327595	52.905	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.713	63	557088	252.784	ug/l		98
59) 2-Hexanone	10.762	43	540467	270.352	ug/l		99
60) Dibromochloromethane	10.914	129	263855	54.767	ug/l		99
61) 1,2-Dibromoethane	11.012	107	184447	53.748	ug/l		99
64) Tetrachloroethene	10.646	164	353669	59.168	ug/l		97
65) Chlorobenzene	11.444	112	796710	55.177	ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.518	131	270191	55.136	ug/l		99
67) Ethyl Benzene	11.518	91	1384094	55.702	ug/l		100
68) m/p-Xylenes	11.627	106	1105831	113.946	ug/l		97
69) o-Xylene	11.957	106	511966	56.325	ug/l		99
70) Styrene	11.969	104	858795	57.774	ug/l		98
71) Bromoform	12.133	173	154856	54.068	ug/l	#	98
73) Isopropylbenzene	12.255	105	1345769	54.871	ug/l		100
74) N-amyl acetate	12.072	43	256941	49.400	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.505	83	199471	47.632	ug/l		98
76) 1,2,3-Trichloropropane	12.554	75	165993m	49.495	ug/l		
77) Bromobenzene	12.530	156	310639	53.090	ug/l		97
78) n-propylbenzene	12.597	91	1608842	55.097	ug/l		99
79) 2-Chlorotoluene	12.676	91	899173	53.745	ug/l		99
80) 1,3,5-Trimethylbenzene	12.737	105	1100113	55.500	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.304	75	70373	50.794	ug/l		98
82) 4-Chlorotoluene	12.780	91	933833	53.806	ug/l		99
83) tert-Butylbenzene	12.999	119	988243	55.202	ug/l		99
84) 1,2,4-Trimethylbenzene	13.042	105	1086959	55.087	ug/l		99
85) sec-Butylbenzene	13.176	105	1468282	55.832	ug/l		100
86) p-Isopropyltoluene	13.292	119	1243706	56.975	ug/l		100
87) 1,3-Dichlorobenzene	13.286	146	635256	55.055	ug/l		98
88) 1,4-Dichlorobenzene	13.365	146	619608	54.132	ug/l		99
89) n-Butylbenzene	13.615	91	1135038	56.614	ug/l		99
90) Hexachloroethane	13.877	117	247354	55.353	ug/l		100
91) 1,2-Dichlorobenzene	13.657	146	548379	54.191	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	31841	48.834	ug/l		98
93) 1,2,4-Trichlorobenzene	14.919	180	312389	52.202	ug/l		98
94) Hexachlorobutadiene	15.023	225	185835	52.847	ug/l		99
95) Naphthalene	15.145	128	526458	51.592	ug/l		99
96) 1,2,3-Trichlorobenzene	15.328	180	268232	52.017	ug/l		100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082025\
Data File : VY023162.D
Acq On : 20 Aug 2025 09:26
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 20 10:40:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 02:10:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/22/2025
Supervised By :Semsettin Yesilyurt 08/22/2025

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

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

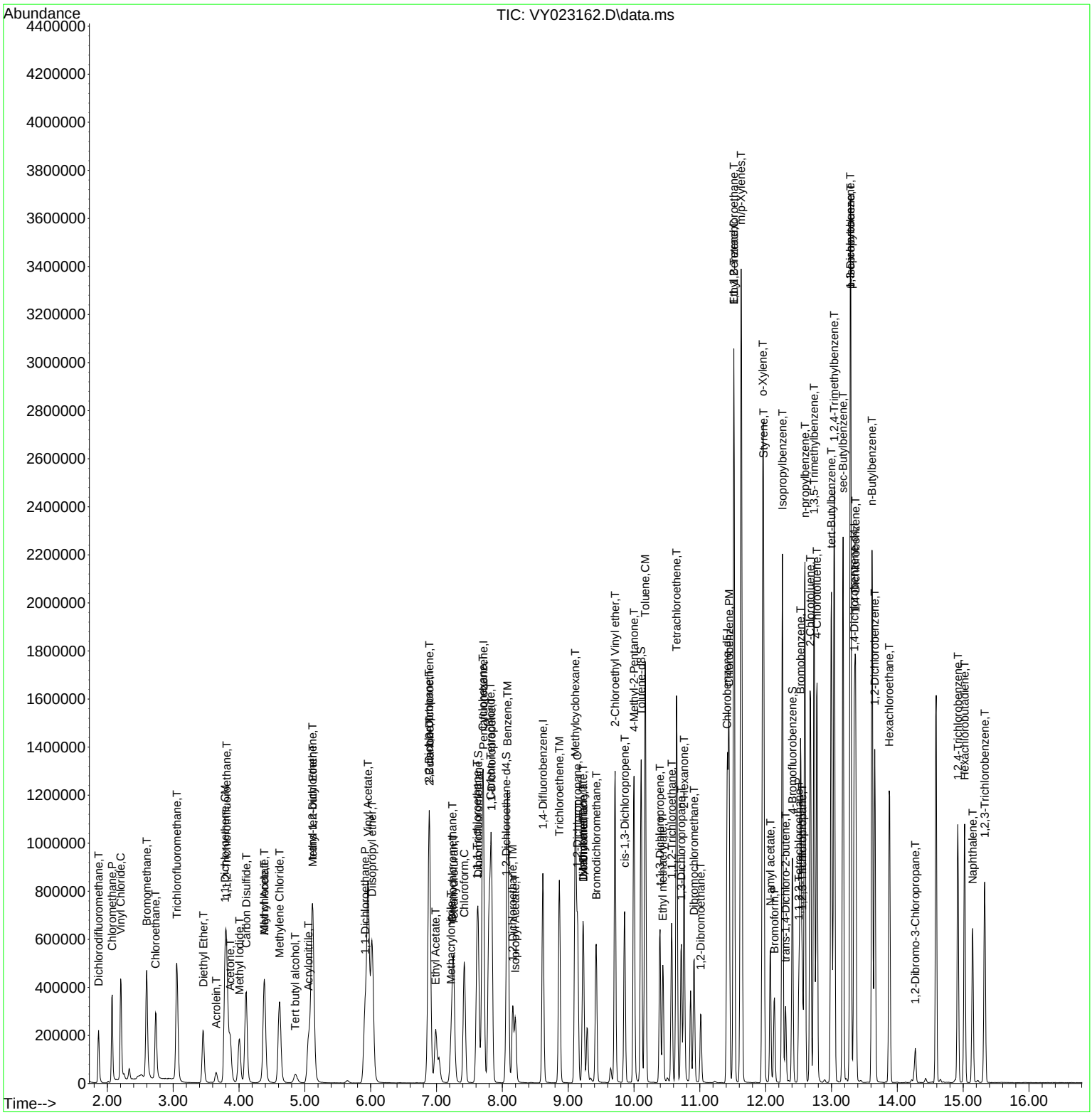
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082025\
Data File : VY023162.D
Acq On : 20 Aug 2025 09:26
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 20 10:40:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 02:10:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/22/2025
Supervised By :Semsettin Yesilyurt 08/22/2025



Evaluate Continuing Calibration Report

Sample Results: **VY023162.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082025\
Data File : VY023162.D
Acq On : 20 Aug 2025 09:26
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Aug 20 10:40:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 02:10:11 2025
Response via : Initial Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	1.000	1.000	0.0	92	0.00
2	T	Dichlorodifluoromethane	0.408	0.365	10.5	96	0.00
3	P	Chloromethane	0.661	0.648	2.0	98	0.00
4	C	Vinyl Chloride	0.817	0.854	-4.5#	102	0.00
5	T	Bromomethane	0.610	0.654	-7.2	111	0.00
6	T	Chloroethane	0.543	0.582	-7.2	104	0.00
7	T	Trichlorofluoromethane	0.994	1.017	-2.3	100	0.00
8	T	Diethyl Ether	0.263	0.253	3.8	92	0.01
9	T	1,1,2-Trichlorotrifluoroeth	0.490	0.513	-4.7	102	0.00
10	T	Methyl Iodide	0.529	0.596	-12.7	99	0.01
11	T	Tert butyl alcohol	0.033	0.028	15.2	81	0.00
12	CM	1,1-Dichloroethene	0.482	0.499	-3.5#	99	0.00
13	T	Acrolein	0.048	0.020	58.3#	41#	0.00
14	T	Allyl chloride	0.709	0.689	2.8	92	0.00
15	T	Acrylonitrile	0.107	0.104	2.8	90	0.00
16	T	Acetone	0.103	0.115	-11.7	102	0.00
17	T	Carbon Disulfide	1.571	1.568	0.2	96	0.01
18	T	Methyl Acetate	0.307	0.292	4.9	83	0.00
19	T	Methyl tert-butyl Ether	1.249	1.223	2.1	91	0.01
20	T	Methylene Chloride	0.620	0.536	13.5	96	0.01
21	T	trans-1,2-Dichloroethene	0.541	0.572	-5.7	100	0.01
22	T	Diisopropyl ether	1.541	1.543	-0.1	94	0.00
23	T	Vinyl Acetate	0.852	0.850	0.2	93	0.00
24	P	1,1-Dichloroethane	0.942	0.968	-2.8	97	0.00
25	T	2-Butanone	0.140	0.141	-0.7	91	0.01
26	T	2,2-Dichloropropane	0.813	0.867	-6.6	101	0.00
27	T	cis-1,2-Dichloroethene	0.626	0.653	-4.3	99	0.00
28	T	Bromochloromethane	0.374	0.361	3.5	91	0.00
29	T	Tetrahydrofuran	0.087	0.084	3.4	88	0.00
30	C	Chloroform	0.971	1.015	-4.5#	99	0.00
31	T	Cyclohexane	0.888	0.865	2.6	97	0.00
32	T	1,1,1-Trichloroethane	0.862	0.910	-5.6	100	0.00
33	S	1,2-Dichloroethane-d4	0.477	0.439	8.0	87	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	88	0.00
35	S	Dibromofluoromethane	0.299	0.301	-0.7	90	0.00
36	T	1,1-Dichloropropene	0.445	0.486	-9.2	99	0.00
37	T	Ethyl Acetate	0.187	0.191	-2.1	90	0.00
38	T	Carbon Tetrachloride	0.483	0.539	-11.6	102	0.00
39	T	Methylcyclohexane	0.586	0.640	-9.2	99	0.00
40	TM	Benzene	1.370	1.495	-9.1	99	0.00
41	T	Methacrylonitrile	0.108	0.112	-3.7	90	0.00
42	TM	1,2-Dichloroethane	0.356	0.375	-5.3	95	0.00
43	T	Isopropyl Acetate	0.378	0.377	0.3	89	0.00
44	TM	Trichloroethene	0.354	0.397	-12.1	102	0.00
45	C	1,2-Dichloropropane	0.315	0.335	-6.3#	96	0.00
46	T	Dibromomethane	0.181	0.196	-8.3	97	0.00
47	T	Bromodichloromethane	0.466	0.509	-9.2	97	0.00
48	T	Methyl methacrylate	0.181	0.185	-2.2	87	0.01

Sample Results: **VY023162.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082025\
Data File : VY023162.D
Acq On : 20 Aug 2025 09:26
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Aug 20 10:40:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 02:10:11 2025
Response via : Initial Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.002	0.0	88	0.00
50	S	Toluene-d8	1.169	1.163	0.5	90	0.00
51	T	4-Methyl-2-Pentanone	0.195	0.200	-2.6	88	0.00
52	CM	Toluene	0.870	0.977	-12.3#	100	0.00
53	T	t-1,3-Dichloropropene	0.422	0.452	-7.1	95	0.00
54	T	cis-1,3-Dichloropropene	0.499	0.537	-7.6	95	0.00
55	T	1,1,2-Trichloroethane	0.242	0.262	-8.3	97	0.00
56	T	Ethyl methacrylate	0.310	0.325	-4.8	89	0.00
57	T	1,3-Dichloropropane	0.411	0.435	-5.8	95	0.00
58	T	2-Chloroethyl Vinyl ether	0.146	0.148	-1.4	84	0.00
59	T	2-Hexanone	0.133	0.143	-7.5	93	0.00
60	T	Dibromochloromethane	0.320	0.350	-9.4	97	0.00
61	T	1,2-Dibromoethane	0.228	0.245	-7.5	95	0.00
62	S	4-Bromofluorobenzene	0.376	0.371	1.3	88	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	89	0.00
64	T	Tetrachloroethene	0.446	0.528	-18.4	108	0.00
65	PM	Chlorobenzene	1.079	1.190	-10.3	100	0.00
66	T	1,1,1,2-Tetrachloroethane	0.366	0.404	-10.4	99	0.00
67	C	Ethyl Benzene	1.856	2.068	-11.4#	99	0.00
68	T	m/p-Xylenes	0.725	0.826	-13.9	102	0.00
69	T	o-Xylene	0.679	0.765	-12.7	99	0.00
70	T	Styrene	1.110	1.283	-15.6	102	0.00
71	P	Bromoform	0.214	0.231	-7.9	96	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	92	0.00
73	T	Isopropylbenzene	3.529	3.873	-9.7	102	0.00
74	T	N-amyl acetate	0.748	0.739	1.2	89	0.00
75	P	1,1,2,2-Tetrachloroethane	0.603	0.574	4.8	90	0.00
76	T	1,2,3-Trichloropropane	0.483	0.478	1.0	82	0.00
77	T	Bromobenzene	0.842	0.894	-6.2	99	0.00
78	T	n-propylbenzene	4.201	4.630	-10.2	101	0.00
79	T	2-Chlorotoluene	2.407	2.588	-7.5	100	0.00
80	T	1,3,5-Trimethylbenzene	2.852	3.166	-11.0	102	0.00
81	T	trans-1,4-Dichloro-2-butene	0.199	0.203	-2.0	94	0.00
82	T	4-Chlorotoluene	2.497	2.687	-7.6	100	0.01
83	T	tert-Butylbenzene	2.576	2.844	-10.4	101	0.00
84	T	1,2,4-Trimethylbenzene	2.839	3.128	-10.2	101	0.00
85	T	sec-Butylbenzene	3.784	4.225	-11.7	103	0.00
86	T	p-Isopropyltoluene	3.141	3.579	-13.9	104	0.00
87	T	1,3-Dichlorobenzene	1.660	1.828	-10.1	104	0.00
88	T	1,4-Dichlorobenzene	1.647	1.783	-8.3	102	0.00
89	T	n-Butylbenzene	2.885	3.266	-13.2	103	0.00
90	T	Hexachloroethane	0.643	0.712	-10.7	104	0.00
91	T	1,2-Dichlorobenzene	1.456	1.578	-8.4	102	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.094	0.092	2.1	89	0.00
93	T	1,2,4-Trichlorobenzene	0.861	0.899	-4.4	98	0.00
94	T	Hexachlorobutadiene	0.506	0.535	-5.7	100	0.00
95	T	Naphthalene	1.468	1.515	-3.2	94	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082025\
Data File : VY023162.D
Acq On : 20 Aug 2025 09:26
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Aug 20 10:40:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 02:10:11 2025
Response via : Initial Calibration

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.742	0.772	-4.0	99	0.00

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

Sample Results: **VY023162.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082025\
Data File : VY023162.D
Acq On : 20 Aug 2025 09:26
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Aug 20 10:40:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 02:10:11 2025
Response via : Initial Calibration

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

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	50.000	50.000	0.0	92	0.00
2	T	Dichlorodifluoromethane	50.000	44.752	10.5	96	0.00
3	P	Chloromethane	50.000	49.049	1.9	98	0.00
4	C	Vinyl Chloride	50.000	52.271	-4.5#	102	0.00
5	T	Bromomethane	50.000	53.558	-7.1	111	0.00
6	T	Chloroethane	50.000	53.594	-7.2	104	0.00
7	T	Trichlorofluoromethane	50.000	51.171	-2.3	100	0.00
8	T	Diethyl Ether	50.000	48.134	3.7	92	0.01
9	T	1,1,2-Trichlorotrifluoroeth	50.000	52.376	-4.8	102	0.00
10	T	Methyl Iodide	50.000	56.306	-12.6	99	0.01
11	T	Tert butyl alcohol	250.000	213.827	14.5	81	0.00
12	CM	1,1-Dichloroethene	50.000	51.758	-3.5#	99	0.00
13	T	Acrolein	250.000	106.054	57.6#	41	0.00
14	T	Allyl chloride	50.000	48.625	2.8	92	0.00
15	T	Acrylonitrile	250.000	243.666	2.5	90	0.00
16	T	Acetone	250.000	279.613	-11.8	102	0.00
17	T	Carbon Disulfide	50.000	49.914	0.2	96	0.01
18	T	Methyl Acetate	50.000	47.585	4.8	83	0.00
19	T	Methyl tert-butyl Ether	50.000	48.982	2.0	91	0.01
20	T	Methylene Chloride	50.000	49.996	0.0	96	0.01
21	T	trans-1,2-Dichloroethene	50.000	52.823	-5.6	100	0.01
22	T	Diisopropyl ether	50.000	50.087	-0.2	94	0.00
23	T	Vinyl Acetate	250.000	249.506	0.2	93	0.00
24	P	1,1-Dichloroethane	50.000	51.381	-2.8	97	0.00
25	T	2-Butanone	250.000	251.618	-0.6	91	0.01
26	T	2,2-Dichloropropane	50.000	53.345	-6.7	101	0.00
27	T	cis-1,2-Dichloroethene	50.000	52.163	-4.3	99	0.00
28	T	Bromochloromethane	50.000	48.277	3.4	91	0.00
29	T	Tetrahydrofuran	250.000	240.643	3.7	88	0.00
30	C	Chloroform	50.000	52.249	-4.5#	99	0.00
31	T	Cyclohexane	50.000	48.716	2.6	97	0.00
32	T	1,1,1-Trichloroethane	50.000	52.762	-5.5	100	0.00
33	S	1,2-Dichloroethane-d4	50.000	46.072	7.9	87	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	88	0.00
35	S	Dibromofluoromethane	50.000	50.283	-0.6	90	0.00
36	T	1,1-Dichloropropene	50.000	54.676	-9.4	99	0.00
37	T	Ethyl Acetate	50.000	51.218	-2.4	90	0.00
38	T	Carbon Tetrachloride	50.000	55.813	-11.6	102	0.00
39	T	Methylcyclohexane	50.000	54.623	-9.2	99	0.00
40	TM	Benzene	50.000	54.539	-9.1	99	0.00
41	T	Methacrylonitrile	50.000	52.092	-4.2	90	0.00
42	TM	1,2-Dichloroethane	50.000	52.655	-5.3	95	0.00
43	T	Isopropyl Acetate	50.000	49.946	0.1	89	0.00
44	TM	Trichloroethene	50.000	56.055	-12.1	102	0.00
45	C	1,2-Dichloropropane	50.000	53.114	-6.2#	96	0.00
46	T	Dibromomethane	50.000	54.236	-8.5	97	0.00
47	T	Bromodichloromethane	50.000	54.618	-9.2	97	0.00
48	T	Methyl methacrylate	50.000	51.164	-2.3	87	0.01

Sample Results: **VY023162.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082025\
Data File : VY023162.D
Acq On : 20 Aug 2025 09:26
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Aug 20 10:40:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 02:10:11 2025
Response via : Initial Calibration

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

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	996.184	0.4	88	0.00
50	S	Toluene-d8	50.000	49.757	0.5	90	0.00
51	T	4-Methyl-2-Pentanone	250.000	256.697	-2.7	88	0.00
52	CM	Toluene	50.000	56.116	-12.2#	100	0.00
53	T	t-1,3-Dichloropropene	50.000	53.540	-7.1	95	0.00
54	T	cis-1,3-Dichloropropene	50.000	53.872	-7.7	95	0.00
55	T	1,1,2-Trichloroethane	50.000	54.142	-8.3	97	0.00
56	T	Ethyl methacrylate	50.000	52.434	-4.9	89	0.00
57	T	1,3-Dichloropropane	50.000	52.905	-5.8	95	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	252.784	-1.1	84	0.00
59	T	2-Hexanone	250.000	270.352	-8.1	93	0.00
60	T	Dibromochloromethane	50.000	54.767	-9.5	97	0.00
61	T	1,2-Dibromoethane	50.000	53.748	-7.5	95	0.00
62	S	4-Bromofluorobenzene	50.000	49.355	1.3	88	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	89	0.00
64	T	Tetrachloroethene	50.000	59.168	-18.3	108	0.00
65	PM	Chlorobenzene	50.000	55.177	-10.4	100	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	55.136	-10.3	99	0.00
67	C	Ethyl Benzene	50.000	55.702	-11.4#	99	0.00
68	T	m/p-Xylenes	100.000	113.946	-13.9	102	0.00
69	T	o-Xylene	50.000	56.325	-12.7	99	0.00
70	T	Styrene	50.000	57.774	-15.5	102	0.00
71	P	Bromoform	50.000	54.068	-8.1	96	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	92	0.00
73	T	Isopropylbenzene	50.000	54.871	-9.7	102	0.00
74	T	N-amyl acetate	50.000	49.400	1.2	89	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	47.632	4.7	90	0.00
76	T	1,2,3-Trichloropropane	50.000	49.495	1.0	82	0.00
77	T	Bromobenzene	50.000	53.090	-6.2	99	0.00
78	T	n-propylbenzene	50.000	55.097	-10.2	101	0.00
79	T	2-Chlorotoluene	50.000	53.745	-7.5	100	0.00
80	T	1,3,5-Trimethylbenzene	50.000	55.500	-11.0	102	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	50.794	-1.6	94	0.00
82	T	4-Chlorotoluene	50.000	53.806	-7.6	100	0.01
83	T	tert-Butylbenzene	50.000	55.202	-10.4	101	0.00
84	T	1,2,4-Trimethylbenzene	50.000	55.087	-10.2	101	0.00
85	T	sec-Butylbenzene	50.000	55.832	-11.7	103	0.00
86	T	p-Isopropyltoluene	50.000	56.975	-14.0	104	0.00
87	T	1,3-Dichlorobenzene	50.000	55.055	-10.1	104	0.00
88	T	1,4-Dichlorobenzene	50.000	54.132	-8.3	102	0.00
89	T	n-Butylbenzene	50.000	56.614	-13.2	103	0.00
90	T	Hexachloroethane	50.000	55.353	-10.7	104	0.00
91	T	1,2-Dichlorobenzene	50.000	54.191	-8.4	102	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	48.834	2.3	89	0.00
93	T	1,2,4-Trichlorobenzene	50.000	52.202	-4.4	98	0.00
94	T	Hexachlorobutadiene	50.000	52.847	-5.7	100	0.00
95	T	Naphthalene	50.000	51.592	-3.2	94	0.00

Sample Results: **VY023162.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082025\
Data File : VY023162.D
Acq On : 20 Aug 2025 09:26
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Aug 20 10:40:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 02:10:11 2025
Response via : Initial Calibration

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	52.017	-4.0	99	0.00

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

QC SAMPLE DATA

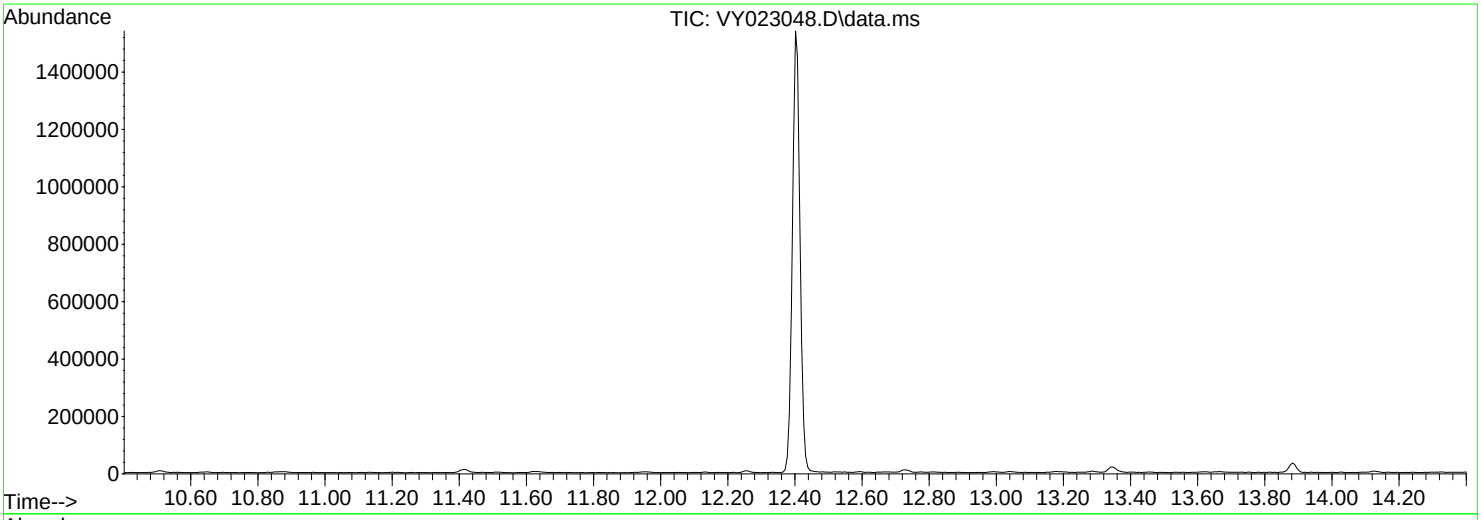
Sample Results: **VY023048.D**

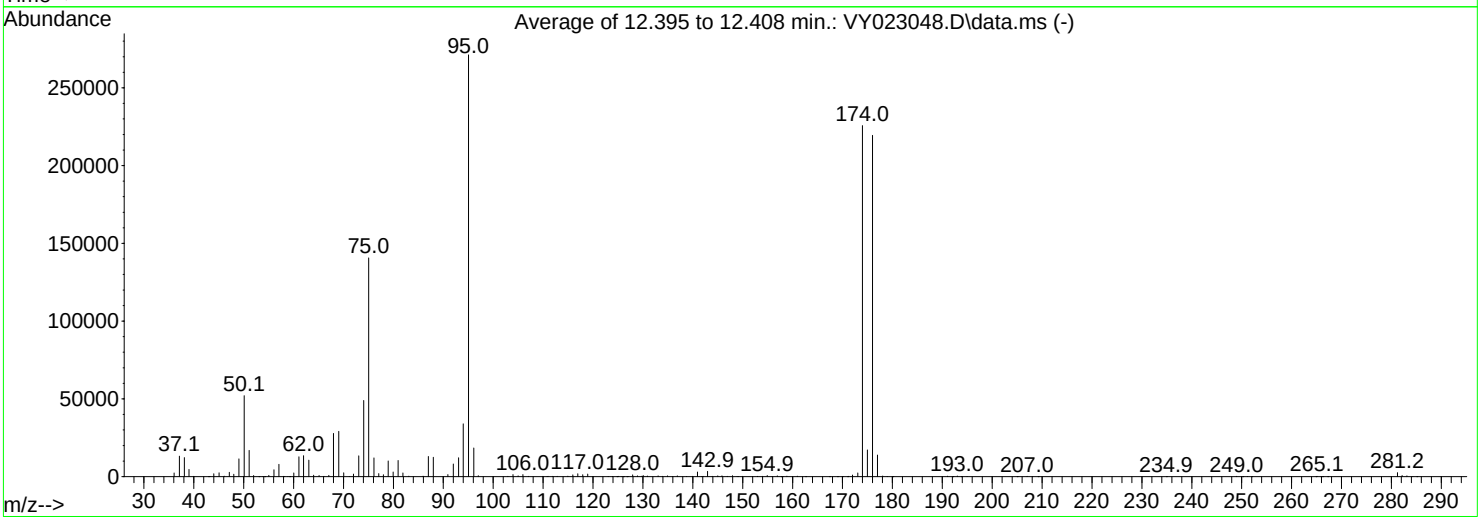
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081225\
Data File : VY023048.D
Acq On : 12 Aug 2025 08:26
Operator : SY/MD
Sample : BFB
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Title : SW846 8260
Last Update : Wed Aug 13 02:10:11 2025





AutoFind: Scans 1751, 1752, 1753; Background Corrected with Scan 1743

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	19.2	52107	PASS
75	95	30	60	51.9	140677	PASS
95	95	100	100	100.0	271211	PASS
96	95	5	9	6.8	18415	PASS
173	174	0.00	2	1.1	2383	PASS
174	95	50	100	83.2	225707	PASS
175	174	5	9	7.6	17158	PASS
176	174	95	101	97.2	219435	PASS
177	176	5	9	6.4	13937	PASS

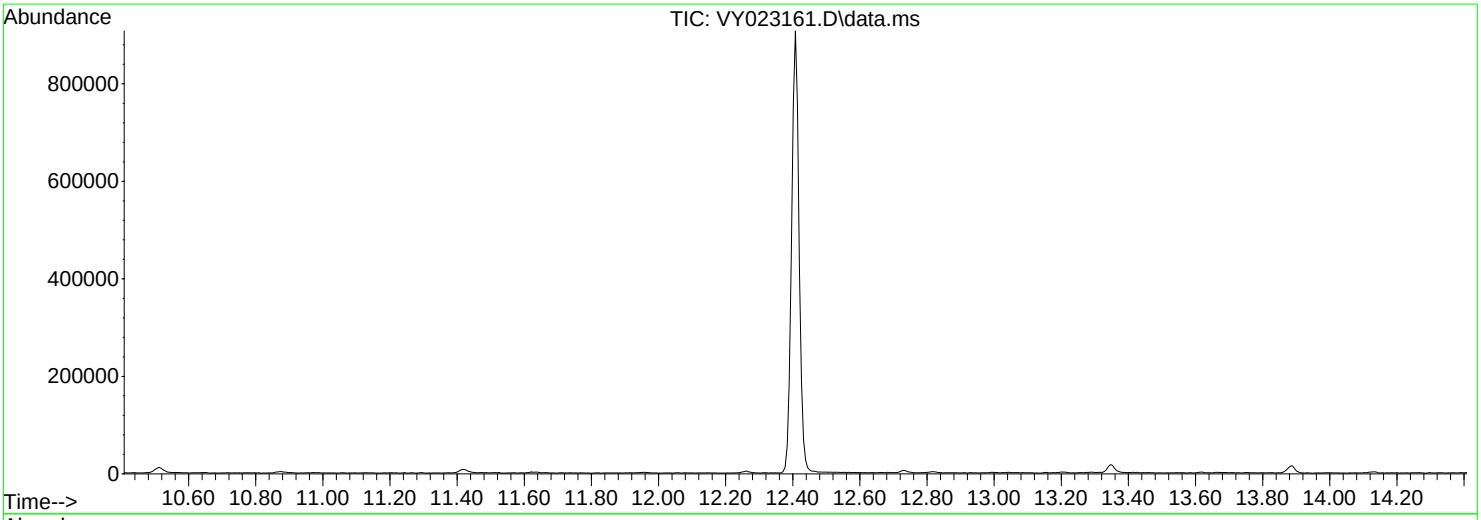
Sample Results: **VY023161.D**

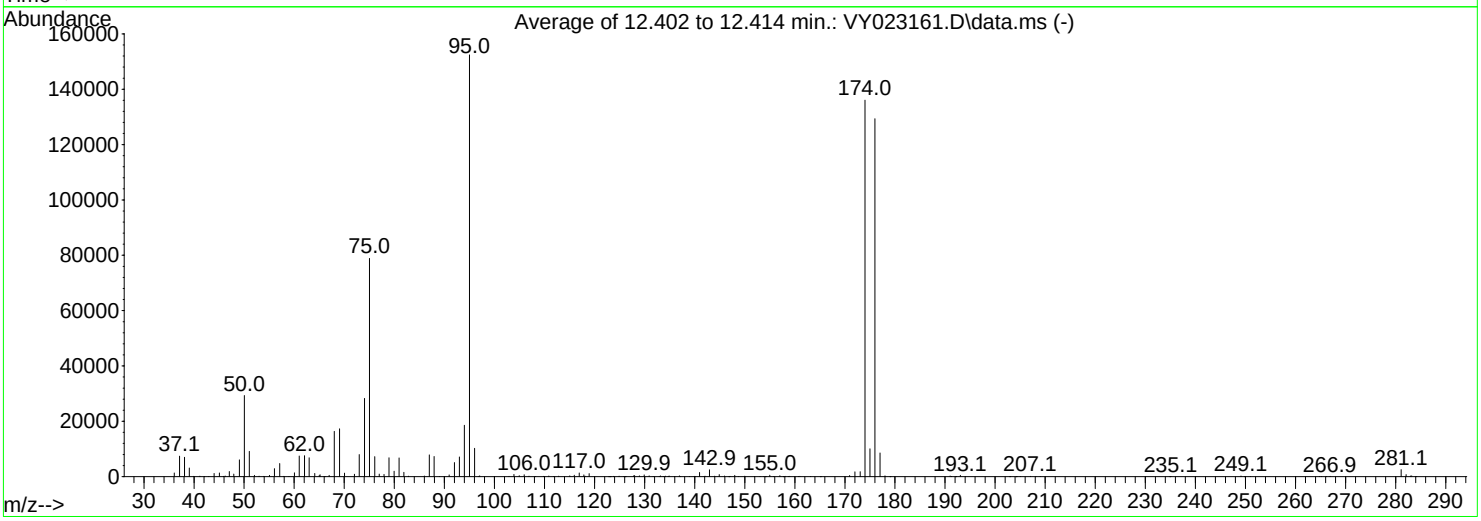
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082025\
Data File : VY023161.D
Acq On : 20 Aug 2025 07:55
Operator : SY/MD
Sample : BFB
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Title : SW846 8260
Last Update : Wed Aug 13 02:10:11 2025





AutoFind: Scans 1752, 1753, 1754; Background Corrected with Scan 1744

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	19.2	29317	PASS
75	95	30	60	51.7	78880	PASS
95	95	100	100	100.0	152427	PASS
96	95	5	9	6.7	10266	PASS
173	174	0.00	2	1.3	1813	PASS
174	95	50	100	89.3	136043	PASS
175	174	5	9	7.4	10066	PASS
176	174	95	101	95.1	129325	PASS
177	176	5	9	6.6	8547	PASS

Raw Data: **VY023163.D**

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

Report of Analysis

Client:	BAPS North Bergen Development Inc.	Date Collected:	
Project:	BAPS 2000 Tonnelle Ave	Date Received:	
Client Sample ID:	VY0820SBL01	SDG No.:	Q2892
Lab Sample ID:	VY0820SBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023163.D	1	08/20/25 09:55	VY082025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.10	U	1.10	5.00	ug/Kg
74-87-3	Chloromethane	1.10	U	1.10	5.00	ug/Kg
75-01-4	Vinyl Chloride	0.79	U	0.79	5.00	ug/Kg
74-83-9	Bromomethane	1.10	U	1.10	5.00	ug/Kg
75-00-3	Chloroethane	1.30	U	1.30	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	1.20	U	1.20	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.10	U	1.10	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	1.00	U	1.00	5.00	ug/Kg
67-64-1	Acetone	4.70	U	4.70	25.0	ug/Kg
75-15-0	Carbon Disulfide	1.10	U	1.10	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.73	U	0.73	5.00	ug/Kg
79-20-9	Methyl Acetate	1.50	U	1.50	5.00	ug/Kg
75-09-2	Methylene Chloride	3.50	U	3.50	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.86	U	0.86	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	0.80	U	0.80	5.00	ug/Kg
110-82-7	Cyclohexane	0.79	U	0.79	5.00	ug/Kg
78-93-3	2-Butanone	6.50	U	6.50	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	0.97	U	0.97	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.75	U	0.75	5.00	ug/Kg
74-97-5	Bromochloromethane	1.20	U	1.20	5.00	ug/Kg
67-66-3	Chloroform	0.84	U	0.84	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.93	U	0.93	5.00	ug/Kg
108-87-2	Methylcyclohexane	0.91	U	0.91	5.00	ug/Kg
71-43-2	Benzene	0.79	U	0.79	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	0.79	U	0.79	5.00	ug/Kg
79-01-6	Trichloroethene	0.81	U	0.81	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	0.91	U	0.91	5.00	ug/Kg
75-27-4	Bromodichloromethane	0.78	U	0.78	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	3.60	U	3.60	25.0	ug/Kg
108-88-3	Toluene	0.78	U	0.78	5.00	ug/Kg

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

Report of Analysis

Client:	BAPS North Bergen Development Inc.	Date Collected:	
Project:	BAPS 2000 Tonnelle Ave	Date Received:	
Client Sample ID:	VY0820SBL01	SDG No.:	Q2892
Lab Sample ID:	VY0820SBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023163.D	1	08/20/25 09:55	VY082025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.65	U	0.65	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.62	U	0.62	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.92	U	0.92	5.00	ug/Kg
591-78-6	2-Hexanone	3.70	U	3.70	25.0	ug/Kg
124-48-1	Dibromochloromethane	0.87	U	0.87	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	0.88	U	0.88	5.00	ug/Kg
127-18-4	Tetrachloroethene	1.10	U	1.10	5.00	ug/Kg
108-90-7	Chlorobenzene	0.91	U	0.91	5.00	ug/Kg
100-41-4	Ethyl Benzene	0.67	U	0.67	5.00	ug/Kg
179601-23-1	m/p-Xylenes	1.20	U	1.20	10.0	ug/Kg
95-47-6	o-Xylene	0.82	U	0.82	5.00	ug/Kg
100-42-5	Styrene	0.71	U	0.71	5.00	ug/Kg
75-25-2	Bromoform	0.86	U	0.86	5.00	ug/Kg
98-82-8	Isopropylbenzene	0.78	U	0.78	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.20	U	1.20	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	1.70	U	1.70	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.60	U	1.60	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.50	U	1.50	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.80	U	1.80	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.00	U	3.00	5.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	3.20	U	3.20	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	56.2		70 (63) - 130 (155)	112%	SPK: 50
1868-53-7	Dibromofluoromethane	53.1		70 (70) - 130 (134)	106%	SPK: 50
2037-26-5	Toluene-d8	51.9		70 (74) - 130 (123)	104%	SPK: 50
460-00-4	4-Bromofluorobenzene	46.8		70 (17) - 130 (146)	94%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	579000	7.713			
540-36-3	1,4-Difluorobenzene	1080000	8.616			
3114-55-4	Chlorobenzene-d5	971000	11.42			
3855-82-1	1,4-Dichlorobenzene-d4	383000	13.347			

Raw Data: **VY023163.D**

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

Report of Analysis

Client:	BAPS North Bergen Development Inc.	Date Collected:	
Project:	BAPS 2000 Tonnelle Ave	Date Received:	
Client Sample ID:	VY0820SBL01	SDG No.:	Q2892
Lab Sample ID:	VY0820SBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023163.D	1	08/20/25 09:55	VY082025

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_Y\Data\VY082025\
Data File : VY023163.D
Acq On : 20 Aug 2025 09:55
Operator : SY/MD
Sample : VY0820SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0820SBL01

Quant Time: Aug 21 01:36:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 02:10:11 2025
Response via : Initial Calibration

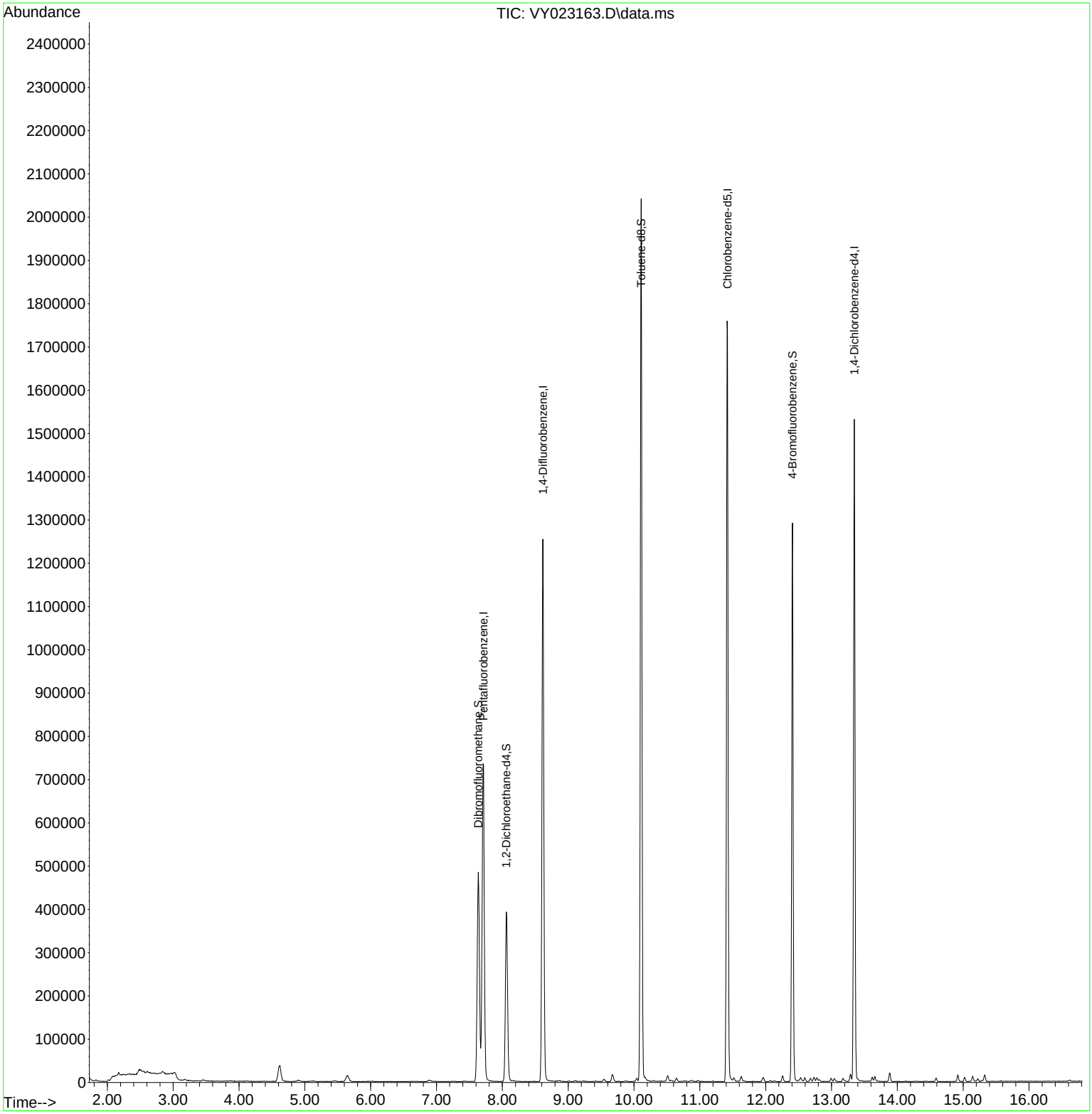
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	578816	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	1083634	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	970907	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.347	152	382880	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	310295	56.248	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 112.500%			
35) Dibromofluoromethane	7.634	113	344289	53.097	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.200%			
50) Toluene-d8	10.109	98	1315018	51.914	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 103.820%			
62) 4-Bromofluorobenzene	12.408	95	380924	46.760	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 93.520%			
Target Compounds						Qvalue

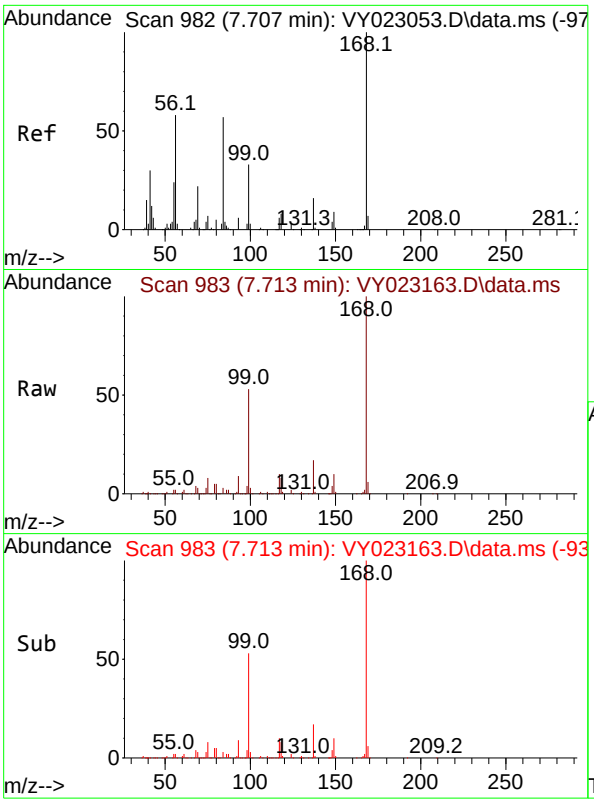
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082025\
Data File : VY023163.D
Acq On : 20 Aug 2025 09:55
Operator : SY/MD
Sample : VY0820SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0820SBL01

Quant Time: Aug 21 01:36:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 02:10:11 2025
Response via : Initial Calibration



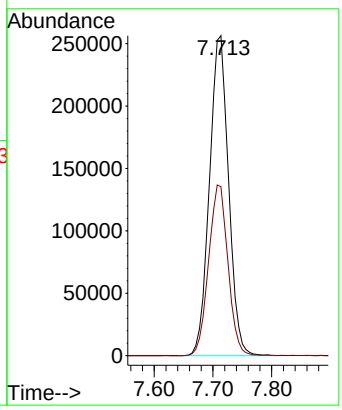


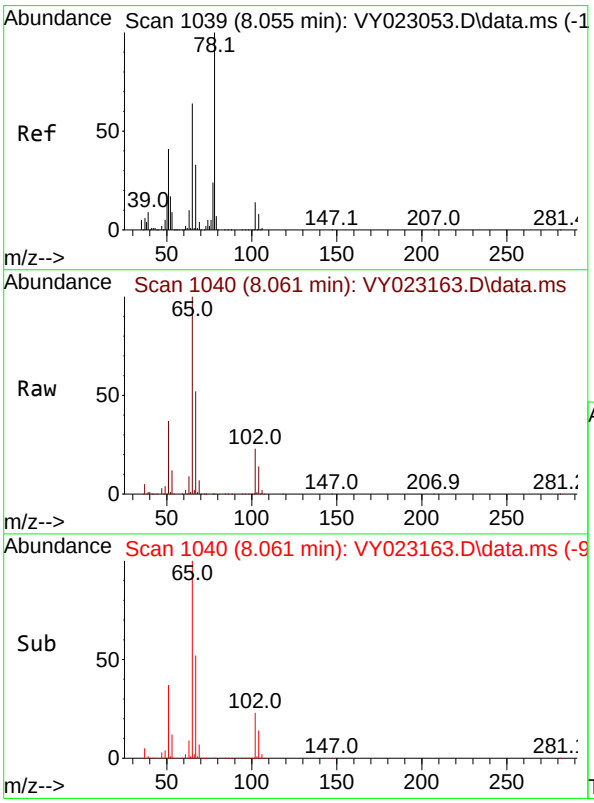
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY023163.D
Acq: 20 Aug 2025 09:55

Instrument :
MSVOA_Y
ClientSampleId :
VY0820SBL01

Tgt Ion:168 Resp: 578816

Ion	Ratio	Lower	Upper
168	100		
99	52.8	42.8	64.2

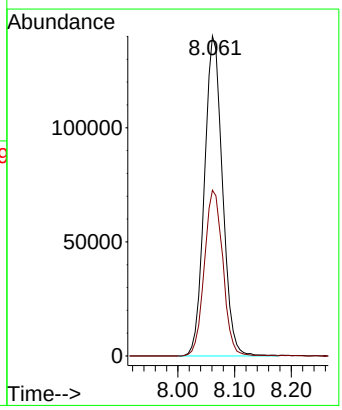


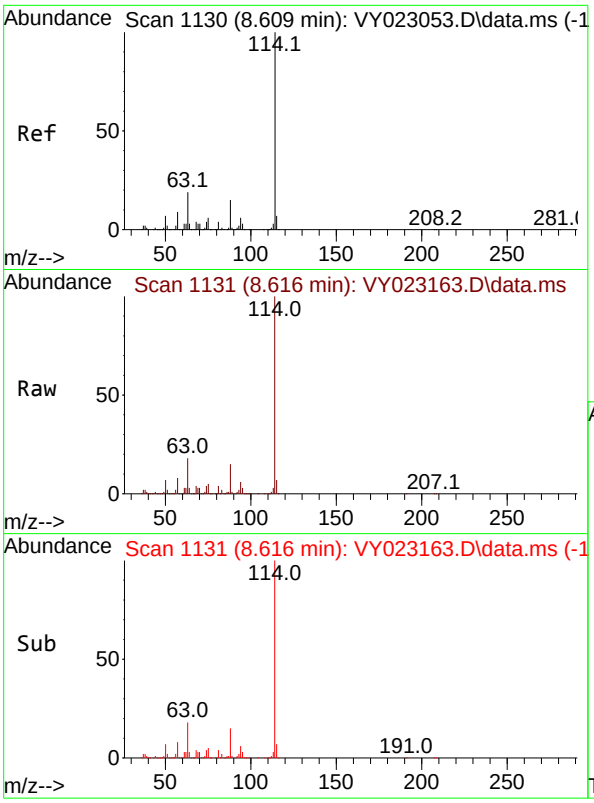


#33
1,2-Dichloroethane-d4
Concen: 56.248 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY023163.D
Acq: 20 Aug 2025 09:55

Tgt Ion: 65 Resp: 310295

Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	106.8



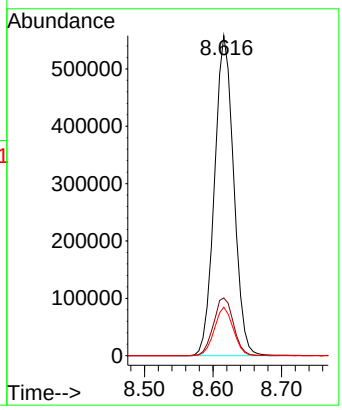


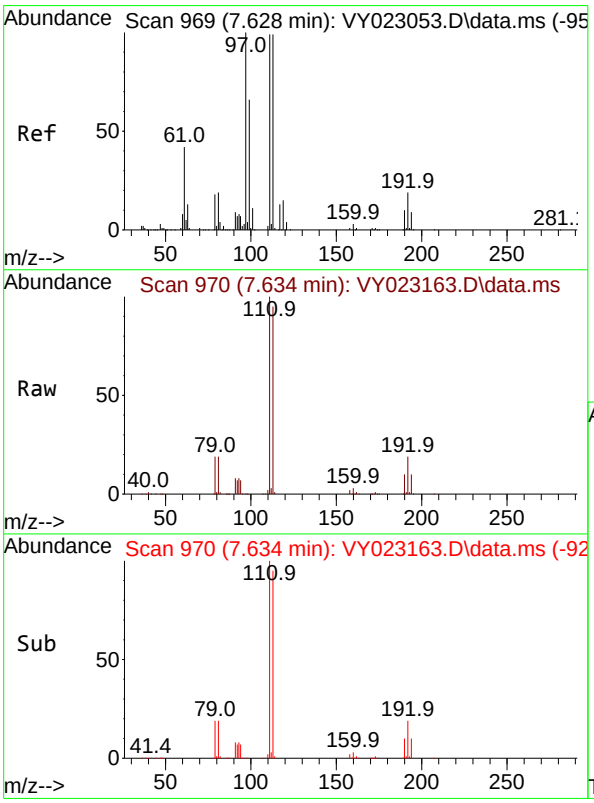
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023163.D
Acq: 20 Aug 2025 09:55

Instrument :
MSVOA_Y
ClientSampleId :
VY0820SBL01

Tgt Ion:114 Resp: 1083634

Ion	Ratio	Lower	Upper
114	100		
63	18.0	0.0	38.4
88	15.1	0.0	30.0

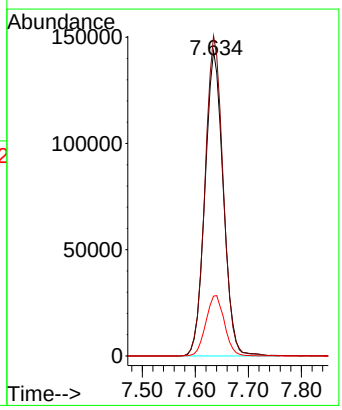


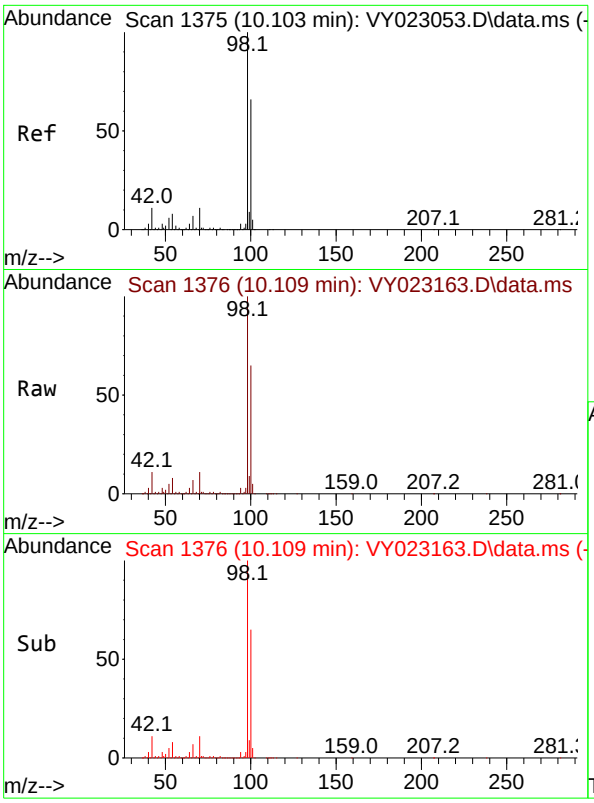


#35
Dibromofluoromethane
Concen: 53.097 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.006 min
Lab File: VY023163.D
Acq: 20 Aug 2025 09:55

Tgt Ion:113 Resp: 344289

Ion	Ratio	Lower	Upper
113	100		
111	103.7	81.1	121.7
192	20.1	16.2	24.4



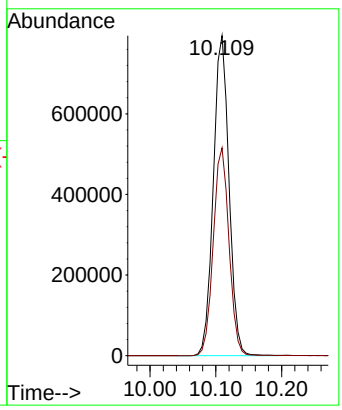


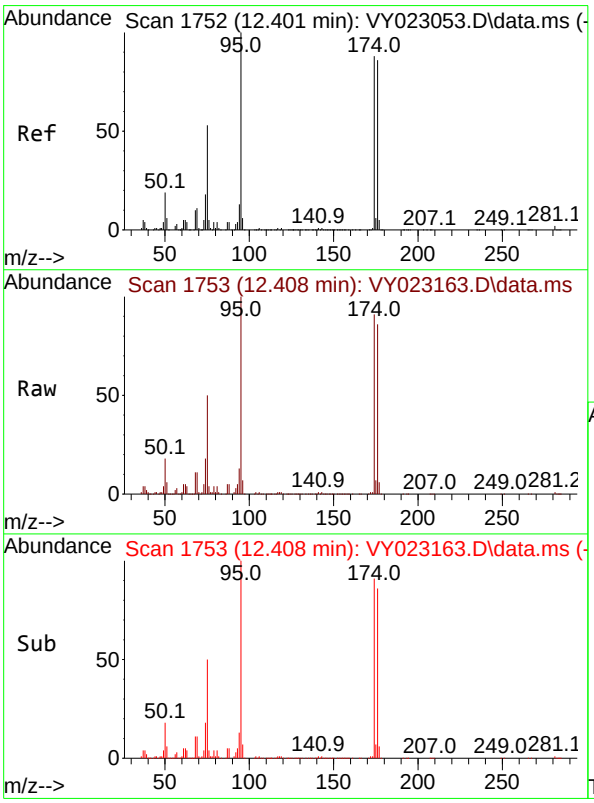
#50
Toluene-d8
Concen: 51.914 ug/l
RT: 10.109 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023163.D
Acq: 20 Aug 2025 09:55

Instrument :
MSVOA_Y
ClientSampleId :
VY0820SBL01

Tgt Ion: 98 Resp: 1315018

Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.3	78.5

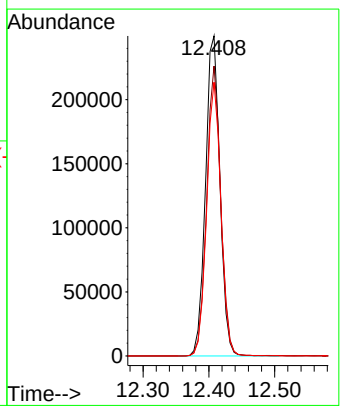


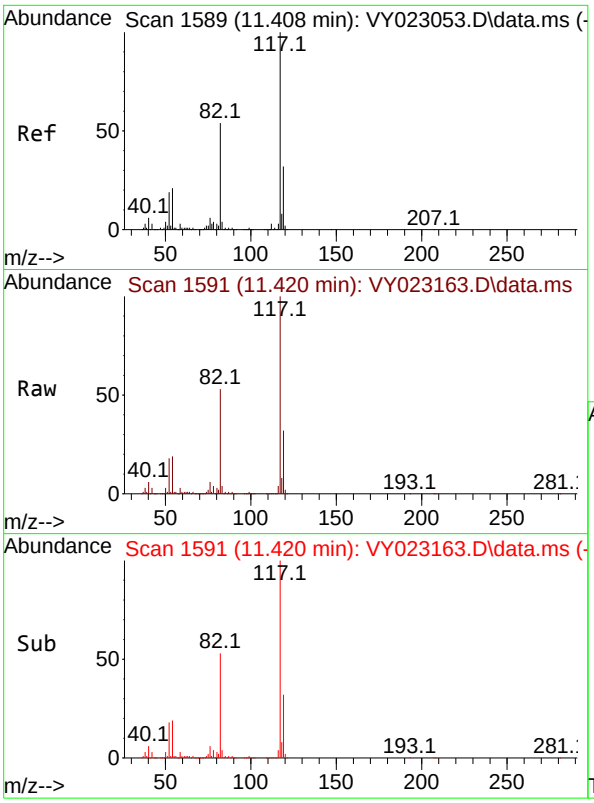


#62
4-Bromofluorobenzene
Concen: 46.760 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023163.D
Acq: 20 Aug 2025 09:55

Tgt Ion: 95 Resp: 380924

Ion	Ratio	Lower	Upper
95	100		
174	88.9	0.0	171.6
176	84.6	0.0	167.6



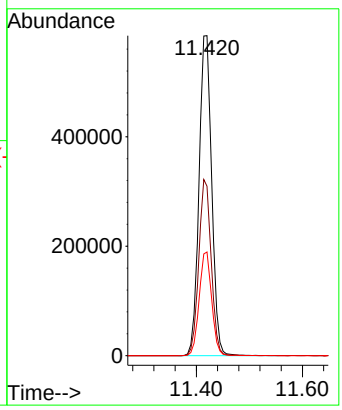


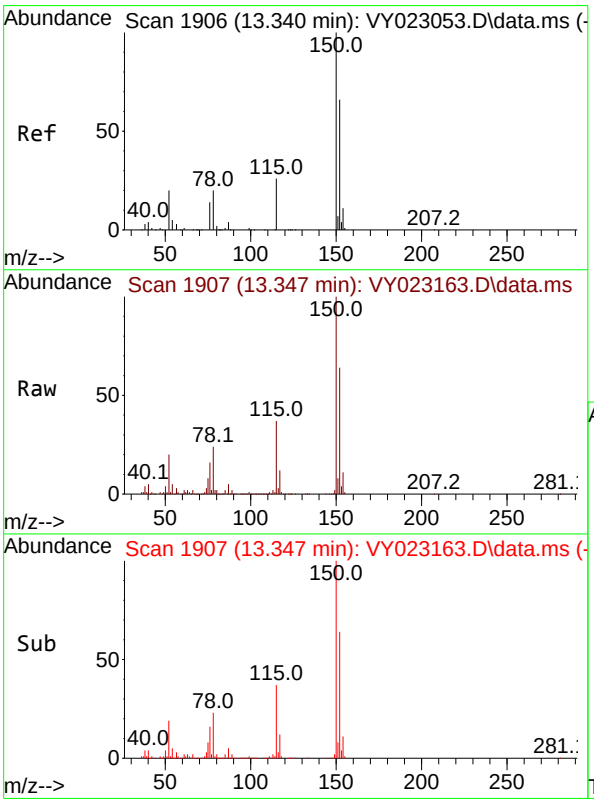
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1
Delta R.T. 0.012 min
Lab File: VY023163.D
Acq: 20 Aug 2025 09:55

Instrument :
MSVOA_Y
ClientSampleId :
VY0820SBL01

Tgt Ion:117 Resp: 970907

Ion	Ratio	Lower	Upper
117	100		
82	52.9	43.4	65.0
119	32.4	25.6	38.4

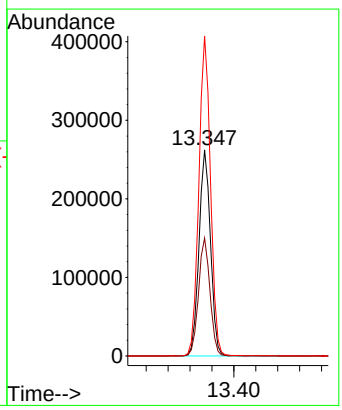




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VY023163.D
Acq: 20 Aug 2025 09:55

Tgt Ion:152 Resp: 382880

Ion	Ratio	Lower	Upper
152	100		
115	56.7	28.2	84.6
150	156.7	0.0	348.0



Sample Results: **VY023163.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082025\
Data File : VY023163.D
Acq On : 20 Aug 2025 09:55
Operator : SY/MD
Sample : VY0820SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0820SBL01

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Title : SW846 8260

Signal : TIC: VY023163.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.623	463	476	487	rBV2	36879	116683	3.43%	0.689%
2	7.634	957	970	976	rBV	484158	1149845	33.80%	6.792%
3	7.707	976	982	1000	rVB	733231	1685204	49.54%	9.954%
4	8.061	1031	1040	1054	rBV	392027	885033	26.02%	5.227%
5	8.616	1122	1131	1145	rBV	1253978	2449751	72.02%	14.470%
6	9.670	1296	1304	1314	rVB5	16177	36677	1.08%	0.217%
7	10.109	1368	1376	1384	rBV	2037861	3401411	100.00%	20.091%
8	11.414	1583	1590	1601	rBV	1757973	2920532	85.86%	17.250%
9	12.408	1745	1753	1766	rBV	1291212	1990947	58.53%	11.760%
10	13.347	1901	1907	1915	rVV	1525869	2259294	66.42%	13.345%
11	13.883	1989	1995	2002	rVB2	20187	34995	1.03%	0.207%

Sum of corrected areas: 16930372

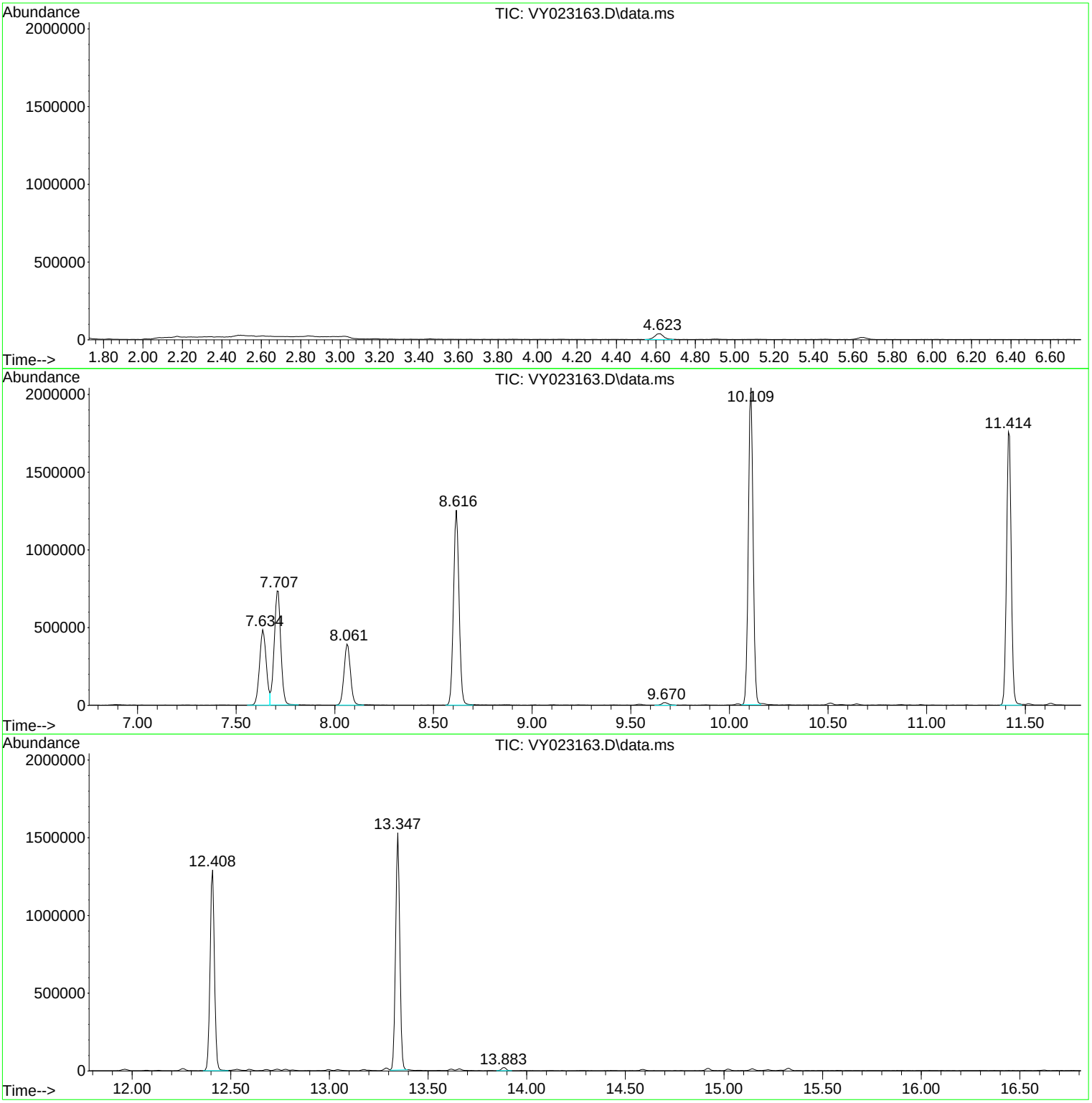
Sample Results: **VY023163.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082025\
Data File : VY023163.D
Acq On : 20 Aug 2025 09:55
Operator : SY/MD
Sample : VY0820SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0820SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Sample Results: **VY023163.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082025\
Data File : VY023163.D
Acq On : 20 Aug 2025 09:55
Operator : SY/MD
Sample : VY0820SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0820SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082025\
Data File : VY023163.D
Acq On : 20 Aug 2025 09:55
Operator : SY/MD
Sample : VY0820SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0820SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Raw Data: **VY023164.D**

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

Report of Analysis

Client:	BAPS North Bergen Development Inc.	Date Collected:	
Project:	BAPS 2000 Tonnelle Ave	Date Received:	
Client Sample ID:	VY0820SBS01	SDG No.:	Q2892
Lab Sample ID:	VY0820SBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023164.D	1	08/20/25 10:24	VY082025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	21.1		1.10	5.00	ug/Kg
74-87-3	Chloromethane	21.6		1.10	5.00	ug/Kg
75-01-4	Vinyl Chloride	21.8		0.79	5.00	ug/Kg
74-83-9	Bromomethane	24.6		1.10	5.00	ug/Kg
75-00-3	Chloroethane	22.1		1.30	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	20.8		1.20	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	21.0		1.10	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	20.6		1.00	5.00	ug/Kg
67-64-1	Acetone	110		4.70	25.0	ug/Kg
75-15-0	Carbon Disulfide	20.2		1.10	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	18.6		0.73	5.00	ug/Kg
79-20-9	Methyl Acetate	18.7		1.50	5.00	ug/Kg
75-09-2	Methylene Chloride	19.7		3.50	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	20.4		0.86	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	20.4		0.80	5.00	ug/Kg
110-82-7	Cyclohexane	18.9		0.79	5.00	ug/Kg
78-93-3	2-Butanone	99.9		6.50	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	20.7		0.97	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	20.4		0.75	5.00	ug/Kg
74-97-5	Bromochloromethane	19.9		1.20	5.00	ug/Kg
67-66-3	Chloroform	21.0		0.84	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	20.6		0.93	5.00	ug/Kg
108-87-2	Methylcyclohexane	18.9		0.91	5.00	ug/Kg
71-43-2	Benzene	20.7		0.79	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	19.7		0.79	5.00	ug/Kg
79-01-6	Trichloroethene	21.3		0.81	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	20.3		0.91	5.00	ug/Kg
75-27-4	Bromodichloromethane	20.4		0.78	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	89.4		3.60	25.0	ug/Kg
108-88-3	Toluene	20.5		0.78	5.00	ug/Kg

Raw Data: **VY023164.D**

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

Report of Analysis

Client:	BAPS North Bergen Development Inc.	Date Collected:	
Project:	BAPS 2000 Tonnelle Ave	Date Received:	
Client Sample ID:	VY0820SBS01	SDG No.:	Q2892
Lab Sample ID:	VY0820SBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023164.D	1	08/20/25 10:24	VY082025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	19.4		0.65	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	19.7		0.62	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	20.5		0.92	5.00	ug/Kg
591-78-6	2-Hexanone	93.9		3.70	25.0	ug/Kg
124-48-1	Dibromochloromethane	20.2		0.87	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	20.0		0.88	5.00	ug/Kg
127-18-4	Tetrachloroethene	22.5		1.10	5.00	ug/Kg
108-90-7	Chlorobenzene	20.3		0.91	5.00	ug/Kg
100-41-4	Ethyl Benzene	19.7		0.67	5.00	ug/Kg
179601-23-1	m/p-Xylenes	40.3		1.20	10.0	ug/Kg
95-47-6	o-Xylene	19.5		0.82	5.00	ug/Kg
100-42-5	Styrene	20.1		0.71	5.00	ug/Kg
75-25-2	Bromoform	19.5		0.86	5.00	ug/Kg
98-82-8	Isopropylbenzene	19.4		0.78	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	17.6		1.20	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	20.4		1.70	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	20.0		1.60	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	19.7		1.50	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	17.5		1.80	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	18.2		3.00	5.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	18.3		3.20	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	47.5		70 (63) - 130 (155)	95%	SPK: 50
1868-53-7	Dibromofluoromethane	49.7		70 (70) - 130 (134)	99%	SPK: 50
2037-26-5	Toluene-d8	49.7		70 (74) - 130 (123)	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.6		70 (17) - 130 (146)	95%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	460000	7.707			
540-36-3	1,4-Difluorobenzene	730000	8.616			
3114-55-4	Chlorobenzene-d5	640000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	324000	13.347			

Raw Data: **VY023164.D**

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

Report of Analysis

Client:	BAPS North Bergen Development Inc.	Date Collected:	
Project:	BAPS 2000 Tonnelle Ave	Date Received:	
Client Sample ID:	VY0820SBS01	SDG No.:	Q2892
Lab Sample ID:	VY0820SBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023164.D	1	08/20/25 10:24	VY082025

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_Y\Data\VY082025\
Data File : VY023164.D
Acq On : 20 Aug 2025 10:24
Operator : SY/MD
Sample : VY0820SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0820SBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/22/2025
Supervised By :Semsettin Yesilyurt 08/22/2025

Quant Time: Aug 21 01:36:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 02:10:11 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	459555	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	730484	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	640306	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	323804	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	208166	47.528	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 95.060%			
35) Dibromofluoromethane	7.634	113	217247	49.702	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.400%			
50) Toluene-d8	10.103	98	848402	49.685	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.360%			
62) 4-Bromofluorobenzene	12.402	95	261400	47.601	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 95.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	79053	21.074	ug/l	98
3) Chloromethane	2.074	50	130929	21.550	ug/l	100
4) Vinyl Chloride	2.208	62	164087	21.848	ug/l	99
5) Bromomethane	2.592	94	138095	24.621	ug/l	98
6) Chloroethane	2.733	64	110112	22.053	ug/l	98
7) Trichlorofluoromethane	3.056	101	190344	20.843	ug/l	99
8) Diethyl Ether	3.458	74	45992	19.036	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.818	101	94641	21.006	ug/l	100
10) Methyl Iodide	4.007	142	93165	19.163	ug/l	97
11) Tert butyl alcohol	4.854	59	25336	84.424	ug/l #	84
12) 1,1-Dichloroethene	3.793	96	91227	20.600	ug/l	91
13) Acrolein	3.653	56	30908	70.324	ug/l	96
14) Allyl chloride	4.385	41	123764	18.993	ug/l	99
15) Acrylonitrile	5.068	53	92487	94.158	ug/l	99
16) Acetone	3.867	43	108385	114.225	ug/l	97
17) Carbon Disulfide	4.104	76	291923	20.217	ug/l	97
18) Methyl Acetate	4.385	43	52896	18.733	ug/l	96
19) Methyl tert-butyl Ether	5.122	73	213430	18.599	ug/l	98
20) Methylene Chloride	4.610	84	105212	19.691	ug/l	95
21) trans-1,2-Dichloroethene	5.116	96	101756	20.447	ug/l	99
22) Diisopropyl ether	6.019	45	274076	19.356	ug/l	93
23) Vinyl Acetate	5.964	43	713664	91.149	ug/l	100
24) 1,1-Dichloroethane	5.915	63	176815	20.424	ug/l	98
25) 2-Butanone	6.896	43	128976	99.942	ug/l	99
26) 2,2-Dichloropropane	6.878	77	152419	20.404	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	117267	20.382	ug/l	97
28) Bromochloromethane	7.244	49	68297	19.885	ug/l	98
29) Tetrahydrofuran	7.262	42	70670	88.345	ug/l	99
30) Chloroform	7.421	83	187434	20.993	ug/l	97
31) Cyclohexane	7.701	56	154414	18.928	ug/l	96
32) 1,1,1-Trichloroethane	7.616	97	163289	20.612	ug/l	99
36) 1,1-Dichloropropene	7.835	75	131556	20.252	ug/l	99
37) Ethyl Acetate	6.982	43	50678	18.572	ug/l	99
38) Carbon Tetrachloride	7.823	117	146099	20.707	ug/l	97
39) Methylcyclohexane	9.109	83	161897	18.926	ug/l	99
40) Benzene	8.079	78	413672	20.662	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082025\
Data File : VY023164.D
Acq On : 20 Aug 2025 10:24
Operator : SY/MD
Sample : VY0820SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 21 01:36:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 02:10:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0820SBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/22/2025
Supervised By :Semsettin Yesilyurt 08/22/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.226	41	28288	17.963	ug/l		96
42) 1,2-Dichloroethane	8.158	62	102487	19.682	ug/l		99
43) Isopropyl Acetate	8.195	43	95562	17.327	ug/l		98
44) Trichloroethene	8.866	130	109999	21.260	ug/l		98
45) 1,2-Dichloropropane	9.140	63	93662	20.332	ug/l		97
46) Dibromomethane	9.231	93	53516	20.240	ug/l		99
47) Bromodichloromethane	9.420	83	139120	20.448	ug/l		96
48) Methyl methacrylate	9.219	41	46693	17.692	ug/l		98
49) 1,4-Dioxane	9.225	88	11384	367.192	ug/l		98
51) 4-Methyl-2-Pentanone	10.000	43	254313	89.392	ug/l		100
52) Toluene	10.170	92	260797	20.509	ug/l		100
53) t-1,3-Dichloropropene	10.390	75	119277	19.360	ug/l		97
54) cis-1,3-Dichloropropene	9.853	75	143792	19.737	ug/l		99
55) 1,1,2-Trichloroethane	10.573	97	72658	20.536	ug/l		99
56) Ethyl methacrylate	10.439	69	78424	17.322	ug/l		99
57) 1,3-Dichloropropane	10.719	76	118529	19.754	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.713	63	197822	92.633	ug/l		99
59) 2-Hexanone	10.762	43	181841	93.868	ug/l		99
60) Dibromochloromethane	10.908	129	94101	20.157	ug/l		98
61) 1,2-Dibromoethane	11.012	107	66546	20.011	ug/l		99
64) Tetrachloroethene	10.646	164	128497	22.474	ug/l		98
65) Chlorobenzene	11.438	112	281033	20.348	ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.512	131	95804	20.438	ug/l		97
67) Ethyl Benzene	11.518	91	468705	19.720	ug/l		98
68) m/p-Xylenes	11.627	106	374257	40.317	ug/l		97
69) o-Xylene	11.950	106	169335	19.476	ug/l		97
70) Styrene	11.969	104	286037	20.117	ug/l		98
71) Bromoform	12.133	173	53523	19.537	ug/l	#	98
73) Isopropylbenzene	12.255	105	442733	19.372	ug/l		100
74) N-amyl acetate	12.066	43	78737	16.246	ug/l		95
75) 1,1,2,2-Tetrachloroethane	12.505	83	68865	17.648	ug/l		97
76) 1,2,3-Trichloropropane	12.554	75	64111m	20.515	ug/l		
77) Bromobenzene	12.530	156	105703	19.387	ug/l		98
78) n-propylbenzene	12.591	91	535326	19.675	ug/l		99
79) 2-Chlorotoluene	12.676	91	309392	19.846	ug/l		100
80) 1,3,5-Trimethylbenzene	12.731	105	363677	19.690	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.298	75	22178	17.179	ug/l		95
82) 4-Chlorotoluene	12.773	91	317186	19.613	ug/l		99
83) tert-Butylbenzene	12.993	119	325943	19.539	ug/l		99
84) 1,2,4-Trimethylbenzene	13.042	105	364461	19.822	ug/l		100
85) sec-Butylbenzene	13.170	105	484397	19.767	ug/l		100
86) p-Isopropyltoluene	13.292	119	402765	19.801	ug/l		100
87) 1,3-Dichlorobenzene	13.286	146	218878	20.357	ug/l		98
88) 1,4-Dichlorobenzene	13.365	146	213060	19.976	ug/l		98
89) n-Butylbenzene	13.615	91	360095	19.275	ug/l		99
90) Hexachloroethane	13.877	117	83702	20.102	ug/l		98
91) 1,2-Dichlorobenzene	13.657	146	185391	19.661	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	10613	17.468	ug/l		97
93) 1,2,4-Trichlorobenzene	14.919	180	101300	18.167	ug/l		97
94) Hexachlorobutadiene	15.023	225	64526	19.692	ug/l		100
95) Naphthalene	15.145	128	151141	15.895	ug/l		100
96) 1,2,3-Trichlorobenzene	15.328	180	88110	18.337	ug/l		97

Sample Results: **VY023164.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082025\
Data File : VY023164.D
Acq On : 20 Aug 2025 10:24
Operator : SY/MD
Sample : VY0820SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 21 01:36:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 02:10:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0820SBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/22/2025
Supervised By :Semsettin Yesilyurt 08/22/2025

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

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

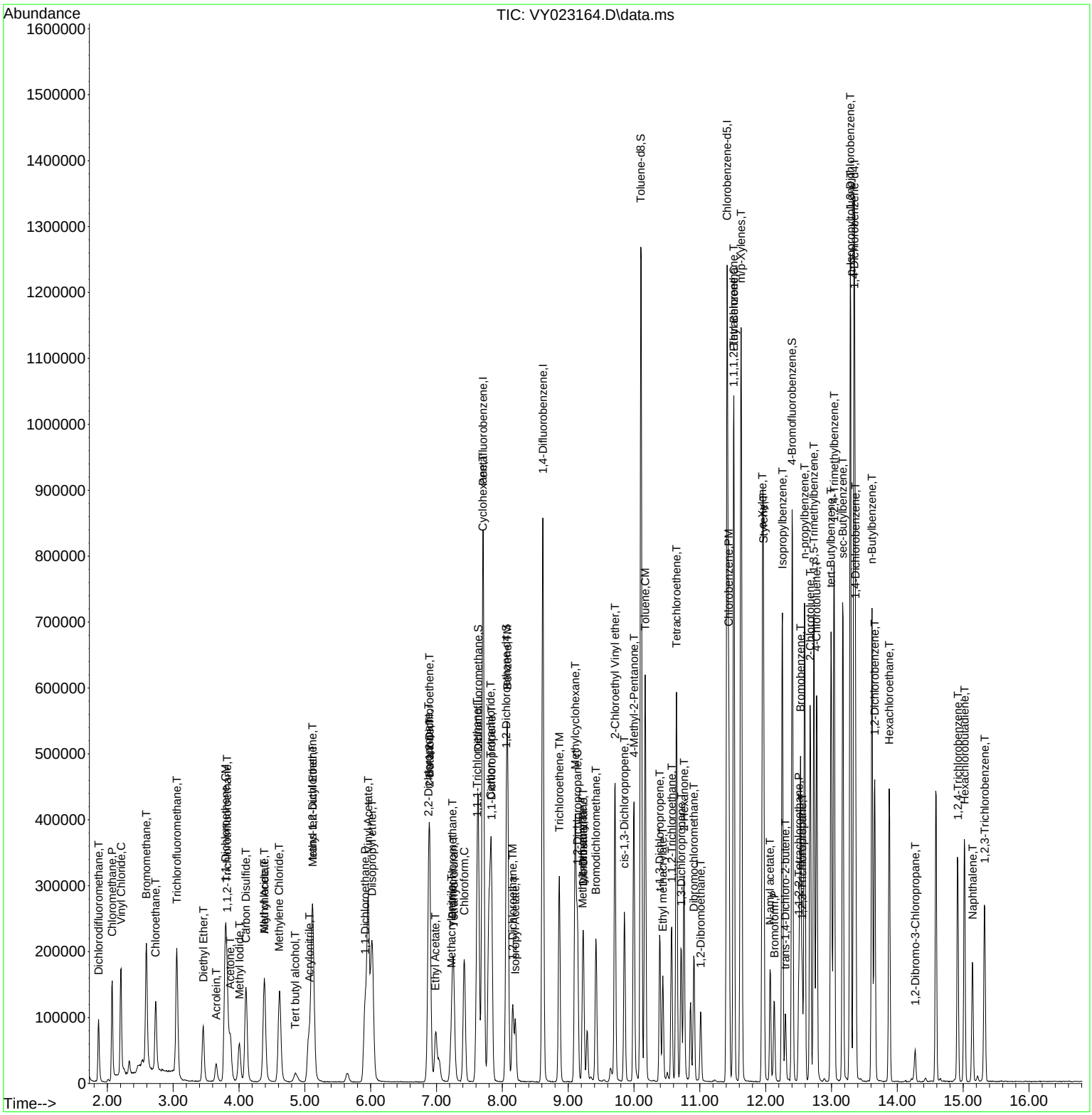
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082025\
Data File : VY023164.D
Acq On : 20 Aug 2025 10:24
Operator : SY/MD
Sample : VY0820SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 21 01:36:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 02:10:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0820SBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/22/2025
Supervised By :Semsettin Yesilyurt 08/22/2025



Raw Data: **VY023165.D**

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

Report of Analysis

Client:	BAPS North Bergen Development Inc.	Date Collected:	
Project:	BAPS 2000 Tonnelle Ave	Date Received:	
Client Sample ID:	VY0820SBSD01	SDG No.:	Q2892
Lab Sample ID:	VY0820SBSD01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023165.D	1	08/20/25 10:47	VY082025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	21.4		1.10	5.00	ug/Kg
74-87-3	Chloromethane	21.3		1.10	5.00	ug/Kg
75-01-4	Vinyl Chloride	21.7		0.79	5.00	ug/Kg
74-83-9	Bromomethane	24.0		1.10	5.00	ug/Kg
75-00-3	Chloroethane	21.8		1.30	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	20.8		1.20	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	21.4		1.10	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	20.3		1.00	5.00	ug/Kg
67-64-1	Acetone	100		4.70	25.0	ug/Kg
75-15-0	Carbon Disulfide	20.3		1.10	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	18.5		0.73	5.00	ug/Kg
79-20-9	Methyl Acetate	17.7		1.50	5.00	ug/Kg
75-09-2	Methylene Chloride	19.6		3.50	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	20.5		0.86	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	20.3		0.80	5.00	ug/Kg
110-82-7	Cyclohexane	19.2		0.79	5.00	ug/Kg
78-93-3	2-Butanone	98.0		6.50	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	20.3		0.97	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	20.5		0.75	5.00	ug/Kg
74-97-5	Bromochloromethane	20.1		1.20	5.00	ug/Kg
67-66-3	Chloroform	20.9		0.84	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	20.7		0.93	5.00	ug/Kg
108-87-2	Methylcyclohexane	19.3		0.91	5.00	ug/Kg
71-43-2	Benzene	20.5		0.79	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	19.8		0.79	5.00	ug/Kg
79-01-6	Trichloroethene	21.3		0.81	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	20.4		0.91	5.00	ug/Kg
75-27-4	Bromodichloromethane	20.3		0.78	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	88.2		3.60	25.0	ug/Kg
108-88-3	Toluene	20.3		0.78	5.00	ug/Kg

Raw Data: **VY023165.D**

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

Report of Analysis

Client:	BAPS North Bergen Development Inc.	Date Collected:	
Project:	BAPS 2000 Tonnelle Ave	Date Received:	
Client Sample ID:	VY0820SBSD01	SDG No.:	Q2892
Lab Sample ID:	VY0820SBSD01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023165.D	1	08/20/25 10:47	VY082025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	18.9		0.65	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	19.5		0.62	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	19.8		0.92	5.00	ug/Kg
591-78-6	2-Hexanone	90.9		3.70	25.0	ug/Kg
124-48-1	Dibromochloromethane	20.2		0.87	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	19.9		0.88	5.00	ug/Kg
127-18-4	Tetrachloroethene	22.9		1.10	5.00	ug/Kg
108-90-7	Chlorobenzene	20.7		0.91	5.00	ug/Kg
100-41-4	Ethyl Benzene	20.0		0.67	5.00	ug/Kg
179601-23-1	m/p-Xylenes	40.6		1.20	10.0	ug/Kg
95-47-6	o-Xylene	19.9		0.82	5.00	ug/Kg
100-42-5	Styrene	20.1		0.71	5.00	ug/Kg
75-25-2	Bromoform	19.5		0.86	5.00	ug/Kg
98-82-8	Isopropylbenzene	19.8		0.78	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	18.0		1.20	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	20.5		1.70	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	20.4		1.60	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	20.3		1.50	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	18.3		1.80	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	19.0		3.00	5.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	18.7		3.20	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	49.3		70 (63) - 130 (155)	99%	SPK: 50
1868-53-7	Dibromofluoromethane	49.8		70 (70) - 130 (134)	100%	SPK: 50
2037-26-5	Toluene-d8	50.6		70 (74) - 130 (123)	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.8		70 (17) - 130 (146)	98%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	459000	7.713			
540-36-3	1,4-Difluorobenzene	735000	8.616			
3114-55-4	Chlorobenzene-d5	637000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	318000	13.34			

Raw Data: **VY023165.D**

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

Report of Analysis

Client:	BAPS North Bergen Development Inc.	Date Collected:	
Project:	BAPS 2000 Tonnelle Ave	Date Received:	
Client Sample ID:	VY0820SBSD01	SDG No.:	Q2892
Lab Sample ID:	VY0820SBSD01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023165.D	1	08/20/25 10:47	VY082025

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_Y\Data\VY082025\
Data File : VY023165.D
Acq On : 20 Aug 2025 10:47
Operator : SY/MD
Sample : VY0820SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0820SBSD01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/22/2025
Supervised By :Semsettin Yesilyurt 08/22/2025

Quant Time: Aug 21 01:38:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 02:10:11 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	458691	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	735089	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	636567	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	318462	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	215506	49.296	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 98.600%			
35) Dibromofluoromethane	7.634	113	219081	49.808	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.620%			
50) Toluene-d8	10.109	98	869197	50.584	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.160%			
62) 4-Bromofluorobenzene	12.401	95	269469	48.763	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 97.520%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	80275	21.440	ug/l	95
3) Chloromethane	2.068	50	129029	21.277	ug/l	97
4) Vinyl Chloride	2.202	62	162798	21.717	ug/l	99
5) Bromomethane	2.592	94	134126	23.958	ug/l	100
6) Chloroethane	2.732	64	108494	21.770	ug/l	96
7) Trichlorofluoromethane	3.056	101	189893	20.833	ug/l	99
8) Diethyl Ether	3.452	74	46262	19.184	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.818	101	96115	21.374	ug/l	100
10) Methyl Iodide	4.007	142	100958	20.805	ug/l	99
11) Tert butyl alcohol	4.860	59	25147	83.952	ug/l #	86
12) 1,1-Dichloroethene	3.793	96	89821	20.321	ug/l	85
13) Acrolein	3.653	56	30373	69.237	ug/l	96
14) Allyl chloride	4.385	41	122291	18.803	ug/l	98
15) Acrylonitrile	5.061	53	92852	94.707	ug/l	98
16) Acetone	3.866	43	99149	104.688	ug/l	97
17) Carbon Disulfide	4.104	76	291895	20.253	ug/l	100
18) Methyl Acetate	4.385	43	49929	17.715	ug/l	96
19) Methyl tert-butyl Ether	5.116	73	212004	18.509	ug/l	98
20) Methylene Chloride	4.616	84	104716	19.627	ug/l	100
21) trans-1,2-Dichloroethene	5.116	96	101680	20.470	ug/l	95
22) Diisopropyl ether	6.018	45	271713	19.225	ug/l	94
23) Vinyl Acetate	5.964	43	716661	91.704	ug/l	99
24) 1,1-Dichloroethane	5.921	63	175346	20.293	ug/l	98
25) 2-Butanone	6.890	43	126218	97.989	ug/l	99
26) 2,2-Dichloropropane	6.884	77	156041	20.928	ug/l	100
27) cis-1,2-Dichloroethene	6.896	96	117682	20.493	ug/l	96
28) Bromochloromethane	7.250	49	69070	20.148	ug/l	97
29) Tetrahydrofuran	7.262	42	71029	88.961	ug/l	98
30) Chloroform	7.421	83	186141	20.888	ug/l	95
31) Cyclohexane	7.707	56	156668	19.240	ug/l	96
32) 1,1,1-Trichloroethane	7.616	97	163679	20.700	ug/l	99
36) 1,1-Dichloropropene	7.835	75	133243	20.383	ug/l	100
37) Ethyl Acetate	6.994	43	49060	17.866	ug/l	95
38) Carbon Tetrachloride	7.817	117	144177	20.307	ug/l	99
39) Methylcyclohexane	9.109	83	166387	19.329	ug/l	98
40) Benzene	8.079	78	413943	20.546	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082025\
Data File : VY023165.D
Acq On : 20 Aug 2025 10:47
Operator : SY/MD
Sample : VY0820SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 21 01:38:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 02:10:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0820SBSD01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/22/2025
Supervised By :Semsettin Yesilyurt 08/22/2025

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41)	Methacrylonitrile	7.219	41	27208m	17.169	ug/l		
42)	1,2-Dichloroethane	8.158	62	103626	19.776	ug/l		99
43)	Isopropyl Acetate	8.201	43	99492	17.926	ug/l		99
44)	Trichloroethene	8.865	130	111061	21.331	ug/l		98
45)	1,2-Dichloropropane	9.140	63	94617	20.410	ug/l		98
46)	Dibromomethane	9.231	93	53795	20.218	ug/l		99
47)	Bromodichloromethane	9.426	83	138936	20.293	ug/l		96
48)	Methyl methacrylate	9.219	41	43680	16.447	ug/l		89
49)	1,4-Dioxane	9.231	88	11228	359.891	ug/l		92
51)	4-Methyl-2-Pentanone	9.999	43	252611	88.238	ug/l		100
52)	Toluene	10.170	92	259191	20.255	ug/l		99
53)	t-1,3-Dichloropropene	10.396	75	117022	18.875	ug/l		100
54)	cis-1,3-Dichloropropene	9.859	75	143310	19.548	ug/l		96
55)	1,1,2-Trichloroethane	10.572	97	70644	19.842	ug/l		96
56)	Ethyl methacrylate	10.438	69	79678	17.489	ug/l		99
57)	1,3-Dichloropropane	10.713	76	118960	19.701	ug/l		100
58)	2-Chloroethyl Vinyl ether	9.713	63	200973	93.519	ug/l		98
59)	2-Hexanone	10.761	43	177221	90.910	ug/l		99
60)	Dibromochloromethane	10.908	129	95053	20.233	ug/l		100
61)	1,2-Dibromoethane	11.011	107	66544	19.885	ug/l		98
64)	Tetrachloroethene	10.646	164	130109	22.890	ug/l		99
65)	Chlorobenzene	11.438	112	284250	20.702	ug/l		97
66)	1,1,1,2-Tetrachloroethane	11.511	131	97732	20.972	ug/l		99
67)	Ethyl Benzene	11.517	91	473680	20.046	ug/l		98
68)	m/p-Xylenes	11.627	106	374264	40.554	ug/l		98
69)	o-Xylene	11.950	106	172013	19.901	ug/l		99
70)	Styrene	11.969	104	284779	20.146	ug/l		99
71)	Bromoform	12.127	173	53066	19.484	ug/l	#	99
73)	Isopropylbenzene	12.249	105	445458	19.819	ug/l		100
74)	N-amyl acetate	12.066	43	82148	17.234	ug/l		98
75)	1,1,2,2-Tetrachloroethane	12.499	83	69126	18.012	ug/l		98
76)	1,2,3-Trichloropropane	12.554	75	62465m	20.324	ug/l		
77)	Bromobenzene	12.529	156	108125	20.164	ug/l		98
78)	n-propylbenzene	12.590	91	541739	20.244	ug/l		99
79)	2-Chlorotoluene	12.676	91	307721	20.070	ug/l		99
80)	1,3,5-Trimethylbenzene	12.731	105	365810	20.138	ug/l		100
81)	trans-1,4-Dichloro-2-b...	12.298	75	22468	17.696	ug/l		96
82)	4-Chlorotoluene	12.773	91	319229	20.070	ug/l		99
83)	tert-Butylbenzene	12.993	119	328564	20.026	ug/l		99
84)	1,2,4-Trimethylbenzene	13.042	105	366569	20.271	ug/l		100
85)	sec-Butylbenzene	13.170	105	485018	20.125	ug/l		100
86)	p-Isopropyltoluene	13.285	119	406983	20.344	ug/l		99
87)	1,3-Dichlorobenzene	13.285	146	216933	20.515	ug/l		99
88)	1,4-Dichlorobenzene	13.365	146	213625	20.365	ug/l		100
89)	n-Butylbenzene	13.615	91	364336	19.829	ug/l		99
90)	Hexachloroethane	13.877	117	85833	20.959	ug/l		100
91)	1,2-Dichlorobenzene	13.657	146	187828	20.253	ug/l		99
92)	1,2-Dibromo-3-Chloropr...	14.267	75	10929	18.290	ug/l		99
93)	1,2,4-Trichlorobenzene	14.913	180	104044	18.972	ug/l		99
94)	Hexachlorobutadiene	15.017	225	64968	20.160	ug/l		98
95)	Naphthalene	15.139	128	158700	16.970	ug/l		99
96)	1,2,3-Trichlorobenzene	15.322	180	88372	18.700	ug/l		100

Sample Results: **VY023165.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082025\
Data File : VY023165.D
Acq On : 20 Aug 2025 10:47
Operator : SY/MD
Sample : VY0820SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 21 01:38:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 02:10:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0820SBSD01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/22/2025
Supervised By :Semsettin Yesilyurt 08/22/2025

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

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

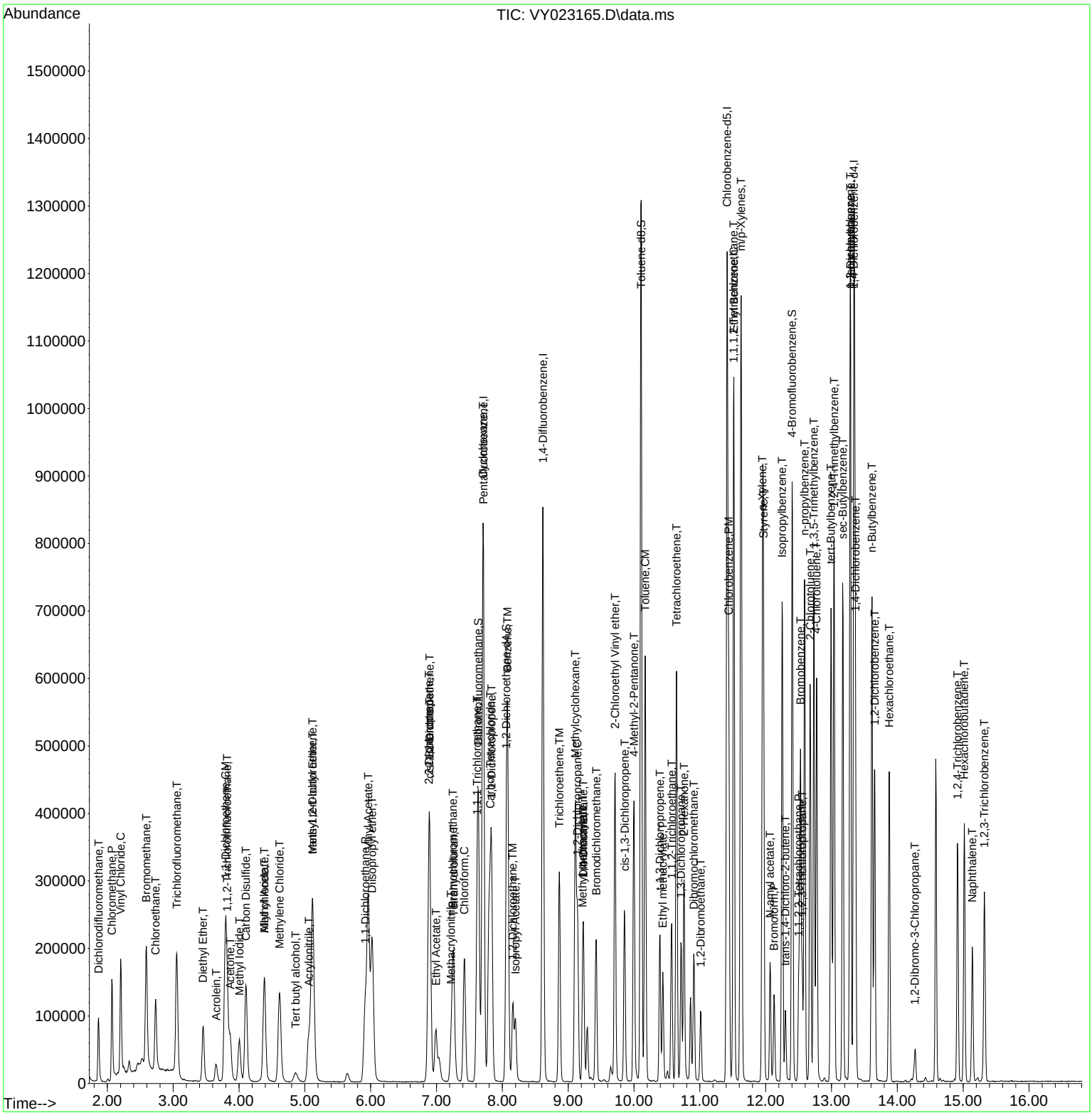
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082025\
Data File : VY023165.D
Acq On : 20 Aug 2025 10:47
Operator : SY/MD
Sample : VY0820SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 21 01:38:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 02:10:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0820SBSD01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/22/2025
Supervised By :Semsettin Yesilyurt 08/22/2025



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

Manual Integration Report

Sequence:	VY081225	Instrument	MSVOA_y

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC005	VY023050.D	1,2,3-Trichloropropane	MMDadoda	8/14/2025 7:33:57 PM	SAM	8/14/2025 7:43:56 PM	Peak Integrated by Software
VSTDICC005	VY023050.D	Methacrylonitrile	MMDadoda	8/14/2025 7:33:57 PM	SAM	8/14/2025 7:43:56 PM	Peak Integrated by Software
VSTDICC010	VY023051.D	1,2,3-Trichloropropane	MMDadoda	8/14/2025 7:34:06 PM	SAM	8/14/2025 7:43:57 PM	Peak Integrated by Software
VSTDICC020	VY023052.D	1,2,3-Trichloropropane	MMDadoda	8/14/2025 7:34:08 PM	SAM	8/14/2025 7:43:59 PM	Peak Integrated by Software
VSTDICC020	VY023052.D	Methacrylonitrile	MMDadoda	8/14/2025 7:34:08 PM	SAM	8/14/2025 7:43:59 PM	Peak Integrated by Software
VSTDICCC050	VY023053.D	1,2,3-Trichloropropane	MMDadoda	8/14/2025 7:34:10 PM	SAM	8/14/2025 7:44:00 PM	Peak Integrated by Software
VSTDICC100	VY023054.D	1,2,3-Trichloropropane	MMDadoda	8/14/2025 7:34:12 PM	SAM	8/14/2025 7:44:02 PM	Peak Integrated by Software
VSTDICC150	VY023055.D	1,2,3-Trichloropropane	MMDadoda	8/14/2025 7:34:15 PM	SAM	8/14/2025 7:44:04 PM	Peak Integrated by Software
VSTDICV050	VY023057.D	1,2,3-Trichloropropane	MMDadoda	8/14/2025 7:34:16 PM	SAM	8/14/2025 7:44:06 PM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	VY082025	Instrument	MSVOA_y

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VY023162.D	1,2,3-Trichloropropane	MMDadoda	8/22/2025 1:16:10 AM	SAM	8/22/2025 1:19:38 AM	Peak Integrated by Software
VY0820SBS01	VY023164.D	1,2,3-Trichloropropane	MMDadoda	8/22/2025 1:16:13 AM	SAM	8/22/2025 1:19:40 AM	Peak Integrated by Software
VY0820SBSD01	VY023165.D	1,2,3-Trichloropropane	MMDadoda	8/22/2025 1:16:14 AM	SAM	8/22/2025 1:19:43 AM	Peak Integrated by Software
VY0820SBSD01	VY023165.D	Methacrylonitrile	MMDadoda	8/22/2025 1:16:14 AM	SAM	8/22/2025 1:19:43 AM	Peak Integrated by Software
VSTDCCC050	VY023181.D	1,2,3-Trichloropropane	MMDadoda	8/22/2025 1:16:17 AM	SAM	8/22/2025 1:19:45 AM	Peak Integrated by Software

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

Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY081225

Review By	Mahesh Dadoda	Review On	8/14/2025 7:34:22 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	8/14/2025 7:44:13 PM		
SubDirectory	VY081225	HP Acquire Method	MSVOA_Y	HP Processing Method	82y081225s.m

STD. NAME	STD REF.#
Tune/Reschk	VP135083
Initial Calibration Stds	VP135084,VP135085,VP135086,VP135087,VP135088,VP135089
CCC	
Internal Standard/PEM	VP133934
ICV/I.BLK	VP135090
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VY023048.D	12 Aug 2025 08:26	SY/MD	Ok
2	VSTDICC005	VY023049.D	12 Aug 2025 14:32	SY/MD	Not Ok
3	VSTDICC005	VY023050.D	12 Aug 2025 14:54	SY/MD	Ok,M
4	VSTDICC010	VY023051.D	12 Aug 2025 15:17	SY/MD	Ok,M
5	VSTDICC020	VY023052.D	12 Aug 2025 15:40	SY/MD	Ok,M
6	VSTDICCC050	VY023053.D	12 Aug 2025 16:02	SY/MD	Ok,M
7	VSTDICC100	VY023054.D	12 Aug 2025 16:25	SY/MD	Ok,M
8	VSTDICC150	VY023055.D	12 Aug 2025 16:47	SY/MD	Ok,M
9	VIBLK	VY023056.D	12 Aug 2025 17:31	SY/MD	Ok
10	VSTDICV050	VY023057.D	12 Aug 2025 17:53	SY/MD	Ok,M

M : Manual Integration

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

Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY082025

Review By	Mahesh Dadoda	Review On	8/22/2025 1:16:38 AM				
Supervise By	Semsettin Yesilyurt	Supervise On	8/22/2025 1:19:57 AM				
SubDirectory	VY082025	HP Acquire Method	MSVOA_Y	HP Processing Method	82y081225s.m		

STD. NAME	STD REF.#
Tune/Reschk	VP135184
Initial Calibration Stds	
CCC	VP135185,VP135186
Internal Standard/PEM	VP133934
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VY023161.D	20 Aug 2025 07:55	SY/MD	Ok
2	VSTDCCC050	VY023162.D	20 Aug 2025 09:26	SY/MD	Ok,M
3	VY0820SBL01	VY023163.D	20 Aug 2025 09:55	SY/MD	Ok
4	VY0820SBS01	VY023164.D	20 Aug 2025 10:24	SY/MD	Ok,M
5	VY0820SBSD01	VY023165.D	20 Aug 2025 10:47	SY/MD	Ok,M
6	Q2879-03	VY023166.D	20 Aug 2025 11:27	SY/MD	Ok
7	Q2879-05	VY023167.D	20 Aug 2025 11:50	SY/MD	Ok
8	Q2879-09	VY023168.D	20 Aug 2025 12:14	SY/MD	Ok
9	Q2879-11	VY023169.D	20 Aug 2025 12:37	SY/MD	Ok
10	Q2879-13	VY023170.D	20 Aug 2025 13:01	SY/MD	Ok
11	Q2879-15	VY023171.D	20 Aug 2025 13:24	SY/MD	Ok
12	Q2879-17RE	VY023172.D	20 Aug 2025 13:48	SY/MD	Confirms
13	Q2897-01RE	VY023173.D	20 Aug 2025 14:11	SY/MD	Confirms
14	Q2892-01	VY023174.D	20 Aug 2025 14:35	SY/MD	Ok
15	Q2892-03	VY023175.D	20 Aug 2025 14:58	SY/MD	Ok
16	Q2892-05	VY023176.D	20 Aug 2025 15:21	SY/MD	Ok
17	Q2892-07	VY023177.D	20 Aug 2025 15:45	SY/MD	Ok
18	Q2892-09	VY023178.D	20 Aug 2025 16:08	SY/MD	Ok
19	Q2892-11	VY023179.D	20 Aug 2025 16:32	SY/MD	Ok
20	VIBLK	VY023180.D	20 Aug 2025 16:55	SY/MD	Ok
21	VSTDCCC050	VY023181.D	20 Aug 2025 17:41	SY/MD	Ok,M

M : Manual Integration

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

Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY081225

Review By	Mahesh Dadoda	Review On	8/14/2025 7:34:22 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	8/14/2025 7:44:13 PM		
SubDirectory	VY081225	HP Acquire Method	MSVOA_Y	HP Processing Method	82y081225s.m

STD. NAME	STD REF.#
Tune/Reschk	VP135083
Initial Calibration Stds	VP135084,VP135085,VP135086,VP135087,VP135088,VP135089
CCC	
Internal Standard/PEM	VP133934
ICV/I.BLK	VP135090
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VY023048.D	12 Aug 2025 08:26		SY/MD	Ok
2	VSTDICC005	VSTDICC005	VY023049.D	12 Aug 2025 14:32	Not used	SY/MD	Not Ok
3	VSTDICC005	VSTDICC005	VY023050.D	12 Aug 2025 14:54		SY/MD	Ok,M
4	VSTDICC010	VSTDICC010	VY023051.D	12 Aug 2025 15:17		SY/MD	Ok,M
5	VSTDICC020	VSTDICC020	VY023052.D	12 Aug 2025 15:40	LR-20	SY/MD	Ok,M
6	VSTDICCC050	VSTDICCC050	VY023053.D	12 Aug 2025 16:02		SY/MD	Ok,M
7	VSTDICC100	VSTDICC100	VY023054.D	12 Aug 2025 16:25		SY/MD	Ok,M
8	VSTDICC150	VSTDICC150	VY023055.D	12 Aug 2025 16:47		SY/MD	Ok,M
9	VIBLK	VIBLK	VY023056.D	12 Aug 2025 17:31		SY/MD	Ok
10	VSTDICV050	ICVVY081225	VY023057.D	12 Aug 2025 17:53		SY/MD	Ok,M

M : Manual Integration

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

Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY082025

Review By	Mahesh Dadoda	Review On	8/22/2025 1:16:38 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	8/22/2025 1:19:57 AM		
SubDirectory	VY082025	HP Acquire Method	MSVOA_Y	HP Processing Method	82y081225s.m

STD. NAME	STD REF.#
Tune/Reschk	VP135184
Initial Calibration Stds	
CCC	VP135185,VP135186
Internal Standard/PEM	VP133934
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VY023161.D	20 Aug 2025 07:55		SY/MD	Ok
2	VSTDCCC050	VSTDCCC050	VY023162.D	20 Aug 2025 09:26		SY/MD	Ok,M
3	VY0820SBL01	VY0820SBL01	VY023163.D	20 Aug 2025 09:55		SY/MD	Ok
4	VY0820SBS01	VY0820SBS01	VY023164.D	20 Aug 2025 10:24		SY/MD	Ok,M
5	VY0820SBSD01	VY0820SBSD01	VY023165.D	20 Aug 2025 10:47		SY/MD	Ok,M
6	Q2879-03	OU4-TS-GRILLO-TSCF	VY023166.D	20 Aug 2025 11:27	vial-B	SY/MD	Ok
7	Q2879-05	OU4-TS-GRILLO-TSCF	VY023167.D	20 Aug 2025 11:50	vial-B	SY/MD	Ok
8	Q2879-09	OU4-TS-GRILLO-TSCF	VY023168.D	20 Aug 2025 12:14	vial-B	SY/MD	Ok
9	Q2879-11	OU4-TS-GRILLO-TSCF	VY023169.D	20 Aug 2025 12:37	vial-B	SY/MD	Ok
10	Q2879-13	OU4-TS-GRILLO-TSCF	VY023170.D	20 Aug 2025 13:01	vial-B	SY/MD	Ok
11	Q2879-15	OU4-TS-GRILLO-TSCF	VY023171.D	20 Aug 2025 13:24	vial-B	SY/MD	Ok
12	Q2879-17RE	OU4-TS-GRILLO-TSCF	VY023172.D	20 Aug 2025 13:48	vial-B Internal standard fail;Surrogate fail	SY/MD	Confirms
13	Q2897-01RE	HD-02-08182025RE	VY023173.D	20 Aug 2025 14:11	vial-B Internal standard fail;Surrogate fail	SY/MD	Confirms
14	Q2892-01	1-FLOOR-NORTH-EAS	VY023174.D	20 Aug 2025 14:35	vial-A	SY/MD	Ok
15	Q2892-03	1-FLOOR-DRILL-B-BA	VY023175.D	20 Aug 2025 14:58	vial-A	SY/MD	Ok
16	Q2892-05	BACK-1-FLOOR-CENT	VY023176.D	20 Aug 2025 15:21	vial-A	SY/MD	Ok
17	Q2892-07	3-FLOOR-NORTH-D	VY023177.D	20 Aug 2025 15:45	vial-A	SY/MD	Ok

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

Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY082025

Review By	Mahesh Dadoda	Review On	8/22/2025 1:16:38 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	8/22/2025 1:19:57 AM		
SubDirectory	VY082025	HP Acquire Method	MSVOA_Y	HP Processing Method	82y081225s.m

STD. NAME	STD REF.#
Tune/Reschk	VP135184
Initial Calibration Stds	
CCC	VP135185,VP135186
Internal Standard/PEM	VP133934
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	Q2892-09	3-FLOOR-SOUTH-E	VY023178.D	20 Aug 2025 16:08	vial-A	SY/MD	Ok
19	Q2892-11	FRONT-1-FLOOR-F	VY023179.D	20 Aug 2025 16:32	vial-A	SY/MD	Ok
20	VIBLK	VIBLK	VY023180.D	20 Aug 2025 16:55		SY/MD	Ok
21	VSTDCCC050	VSTDCCC050EC	VY023181.D	20 Aug 2025 17:41		SY/MD	Ok,M

M : Manual Integration

PERCENT SOLID

Supervisor: rubina
Analyst: jignesh
Date: 8/19/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:00
In Date: 08/18/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

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

QC: LB136862

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
Q2891-01	BARRICADE	1	1.00	1.00	2.00	2.00	100.0	STONE SAMPLE, 100% SOLIDS
Q2891-02	WALL-1	2	1.00	1.00	2.00	2.00	100.0	Concreate sample
Q2891-03	WALL-2	3	1.00	1.00	2.00	2.00	100.0	STONE SAMPLE, 100% SOLIDS
Q2891-04	WALL-3	4	1.00	1.00	2.00	2.00	100.0	STONE SAMPLE, 100% SOLIDS
Q2892-01	1ST-FLOOR-NORTH-EAST-CONRNER-BACK-A	5	1.18	10.03	11.21	10.19	89.8	
Q2892-02	1ST-FLOOR-NORTH-EAST-CONRNER-BACK-A	6	1.16	9.97	11.13	10.22	90.9	
Q2892-03	1ST-FLOOR-DRILL-B-BACK	7	1.19	10.43	11.62	10.54	89.6	
Q2892-04	1ST-FLOOR-DRILL-B-BACK	8	1.16	10.39	11.55	10.48	89.7	
Q2892-05	BACK-1-FLOOR-CENTER-MIDDLE-C	9	1.18	10.41	11.59	10.39	88.5	
Q2892-06	BACK-1-FLOOR-CENTER-MIDDLE-C	10	1.19	10.38	11.57	10.52	89.9	
Q2892-07	3-FLOOR-NORTH-D	11	1.15	10.68	11.83	11.09	93.1	
Q2892-08	3-FLOOR-NORTH-D	12	1.13	10.24	11.37	10.77	94.1	
Q2892-09	3-FLOOR-SOUTH-E	13	1.17	10.21	11.38	10.48	91.2	
Q2892-10	3-FLOOR-SOUTH-E	14	1.18	10.34	11.52	10.65	91.6	
Q2892-11	FRONT-1-FLOOR-F	15	1.16	10.21	11.37	10.42	90.7	
Q2892-12	FRONT-1-FLOOR-F	16	1.14	10.64	11.78	10.52	88.2	
Q2893-01	LOD-MDL-SOIL-01-QT3-2025	36	1.00	1.00	2.00	2.00	100.0	
Q2893-02	LOQ-SOIL-02-QT3-2025	37	1.00	1.00	2.00	2.00	100.0	
Q2893-03	MDL-SOIL-03-QT3-2025	38	1.00	1.00	2.00	2.00	100.0	
Q2893-04	LOD-MDL-SOIL-04-QT3-2025	39	1.00	1.00	2.00	2.00	100.0	
Q2893-05	LOQ-SOIL-05-QT3-2025	40	1.00	1.00	2.00	2.00	100.0	
Q2893-06	MDL-SOIL-06-QT3-2025	41	1.00	1.00	2.00	2.00	100.0	
Q2893-16	LLOQ-SOIL-QT3-2025	42	1.00	1.00	2.00	2.00	100.0	
Q2894-01	1A1B1C	17	1.00	1.00	2.00	2.00	100.0	Caulk sample
Q2894-02	2A2B2C	18	1.00	1.00	2.00	2.00	100.0	Caulk sample
Q2894-03	3A3B3C	19	1.00	1.00	2.00	2.00	100.0	Caulk sample

PERCENT SOLID

Supervisor: rubina
Analyst: jignesh
Date: 8/19/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:00
In Date: 08/18/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

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

QC: LB136862

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
Q2894-04	4A4B4C	20	1.00	1.00	2.00	2.00	100.0	Caulk sample
Q2894-05	5A5B5C	21	1.00	1.00	2.00	2.00	100.0	Caulk sample
Q2895-01	1104	22	1.00	1.00	2.00	2.00	100.0	oil sample
Q2895-03	1204	23	1.00	1.00	2.00	2.00	100.0	debris
Q2896-01	1	24	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2896-02	2	25	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2896-03	3	26	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2896-04	4	27	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2896-05	5	28	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2896-06	6	29	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2896-07	7	30	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2896-08	8	31	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2896-09	9	32	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2896-10	10	33	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2897-01	HD-02-08182025	34	1.15	10.84	11.99	10.64	87.5	
Q2897-02	HD-02-08182025-E2	35	1.17	10.35	11.52	10.29	88.1	
Q2899-03	MDL-SOIL-QT3-2025-05	43	1.00	1.00	2.00	2.00	100.0	
Q2899-04	MDL-SOIL-QT3-2025-06	44	1.00	1.00	2.00	2.00	100.0	
Q2899-05	MDL-MED-SOIL-QT3-2025-05	45	1.00	1.00	2.00	2.00	100.0	
Q2899-06	MDL-MED-SOIL-QT3-2025-06	46	1.00	1.00	2.00	2.00	100.0	

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

WORKLIST(Hardcopy Internal Chain)

WB136862

WorkList Name : %1-081825 **WorkList ID :** 191322 **Department :** Wet-Chemistry **Date :** 08-18-2025 08:19:10

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2891-01	BARRICADE	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/15/2025	Chemtech -SO
Q2891-02	WALL-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/15/2025	Chemtech -SO
Q2891-03	WALL-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/15/2025	Chemtech -SO
Q2891-04	WALL-3	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/15/2025	Chemtech -SO
Q2892-01	1ST-FLOOR-NORTH-EAST-CC	Solid	Percent Solids	Cool 4 deg C	BAPS03	D31	08/15/2025	Chemtech -SO
Q2892-02	1ST-FLOOR-NORTH-EAST-CC	Solid	Percent Solids	Cool 4 deg C	BAPS03	D31	08/15/2025	Chemtech -SO
Q2892-03	1ST-FLOOR-DRILL-B-BACK	Solid	Percent Solids	Cool 4 deg C	BAPS03	D31	08/15/2025	Chemtech -SO
Q2892-04	1ST-FLOOR-DRILL-B-BACK	Solid	Percent Solids	Cool 4 deg C	BAPS03	D31	08/15/2025	Chemtech -SO
Q2892-05	BACK-1-FLOOR-CENTER-MIDI	Solid	Percent Solids	Cool 4 deg C	BAPS03	D31	08/15/2025	Chemtech -SO
Q2892-06	BACK-1-FLOOR-CENTER-MIDI	Solid	Percent Solids	Cool 4 deg C	BAPS03	D31	08/15/2025	Chemtech -SO
Q2892-07	3-FLOOR-NORTH-D	Solid	Percent Solids	Cool 4 deg C	BAPS03	D31	08/15/2025	Chemtech -SO
Q2892-08	3-FLOOR-NORTH-D	Solid	Percent Solids	Cool 4 deg C	BAPS03	D31	08/15/2025	Chemtech -SO
Q2892-09	3-FLOOR-SOUTH-E	Solid	Percent Solids	Cool 4 deg C	BAPS03	D31	08/15/2025	Chemtech -SO
Q2892-10	3-FLOOR-SOUTH-E	Solid	Percent Solids	Cool 4 deg C	BAPS03	D31	08/15/2025	Chemtech -SO
Q2892-11	FRONT-1-FLOOR-F	Solid	Percent Solids	Cool 4 deg C	BAPS03	D31	08/15/2025	Chemtech -SO
Q2892-12	FRONT-1-FLOOR-F	Solid	Percent Solids	Cool 4 deg C	BAPS03	D31	08/15/2025	Chemtech -SO
Q2893-01	LOD-MDL-SOIL-01-QT3-2025	Solid	Percent Solids	NONE	ALLI03	QA Of	08/18/2025	Chemtech -SO
Q2893-02	LOQ-SOIL-02-QT3-2025	Solid	Percent Solids	NONE	ALLI03	QA Of	08/18/2025	Chemtech -SO
Q2893-03	MDL-SOIL-03-QT3-2025	Solid	Percent Solids	NONE	ALLI03	QA Of	08/18/2025	Chemtech -SO
Q2893-04	LOD-MDL-SOIL-04-QT3-2025	Solid	Percent Solids	NONE	ALLI03	QA Of	08/18/2025	Chemtech -SO
Q2893-05	LOQ-SOIL-05-QT3-2025	Solid	Percent Solids	NONE	ALLI03	QA Of	08/18/2025	Chemtech -SO

Date/Time 08/18/25 15:00

Raw Sample Received by: RWC

Raw Sample Relinquished by: SR

Date/Time 08/18/25 17:10

Raw Sample Received by: SR

Raw Sample Relinquished by: RWC

WORKLIST(Hardcopy Internal Chain)

JM 136862

WorkList Name : %1-081825 **WorkList ID :** 191322 **Department :** Wet-Chemistry **Date :** 08-18-2025 08:19:10

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2893-06	MDL-SOIL-06-QT3-2025	Solid	Percent Solids	NONE	ALLI03	QA Of	08/18/2025	Chemtech -SO
Q2893-16	LLOQ-SOIL-QT3-2025	Solid	Percent Solids	NONE	ALLI03	QA Of	08/18/2025	Chemtech -SO
Q2894-01	1A1B1C	Solid	Percent Solids	Cool 4 deg C	ATCE02	J32	08/07/2025	Chemtech -SO
Q2894-02	2A2B2C	Solid	Percent Solids	Cool 4 deg C	ATCE02	J32	08/07/2025	Chemtech -SO
Q2894-03	3A3B3C	Solid	Percent Solids	Cool 4 deg C	ATCE02	J32	08/07/2025	Chemtech -SO
Q2894-04	4A4B4C	Solid	Percent Solids	Cool 4 deg C	ATCE02	J32	08/07/2025	Chemtech -SO
Q2894-05	5A5B5C	Solid	Percent Solids	Cool 4 deg C	ATCE02	J32	08/07/2025	Chemtech -SO
Q2895-01	1104	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/18/2025	Chemtech -SO
Q2895-03	1204	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/18/2025	Chemtech -SO
Q2896-01	1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/18/2025	Chemtech -SO
Q2896-02	2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/18/2025	Chemtech -SO
Q2896-03	3	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/18/2025	Chemtech -SO
Q2896-04	4	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/18/2025	Chemtech -SO
Q2896-05	5	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/18/2025	Chemtech -SO
Q2896-06	6	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/18/2025	Chemtech -SO
Q2896-07	7	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/18/2025	Chemtech -SO
Q2896-08	8	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/18/2025	Chemtech -SO
Q2896-09	9	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/18/2025	Chemtech -SO
Q2896-10	10	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/18/2025	Chemtech -SO
Q2897-01	HD-02-08182025	Solid	Percent Solids	Cool 4 deg C	PSEG05	D21	08/18/2025	Chemtech -SO
Q2897-02	HD-02-08182025-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	D21	08/18/2025	Chemtech -SO

Date/Time 08/18/25 15:00

Raw Sample Received by: TB WDC

Raw Sample Relinquished by: SR

Date/Time 08/18/25 17:10

Raw Sample Received by: SR

Raw Sample Relinquished by: TB WDC

WORKLIST(Hardcopy Internal Chain)

136862

WorkList Name : %1-081825 **WorkList ID :** 191322 **Department :** Wet-Chemistry **Date :** 08-18-2025 08:19:10

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2899-03	MDL-SOIL-QT3-2025-05	Solid	Percent Solids	Cool 4 deg C	ALLI03	QA Of	08/18/2025	Chemtech -SO
Q2899-04	MDL-SOIL-QT3-2025-06	Solid	Percent Solids	Cool 4 deg C	ALLI03	QA Of	08/18/2025	Chemtech -SO
Q2899-05	MDL-MED-SOIL-QT3-2025-05	Solid	Percent Solids	Cool 4 deg C	ALLI03	QA Of	08/18/2025	Chemtech -SO
Q2899-06	MDL-MED-SOIL-QT3-2025-06	Solid	Percent Solids	Cool 4 deg C	ALLI03	QA Of	08/18/2025	Chemtech -SO

Date/Time 08118125 15:00

Raw Sample Received by: (WC)

Raw Sample Relinquished by: SM

Date/Time 08-18-25 17:10

Raw Sample Received by: SM

Raw Sample Relinquished by: (WC)

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

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

ALLIANCE PROJECT NO.
QUOTE NO. Q2898
COC Number 2045717

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: BAPS North Bergen
ADDRESS: 2000 Tonnelle AVE
CITY North Bergen STATE: N.J. ZIP: 07047
ATTENTION: RAKESH PATEL
PHONE: FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: BAPS 2000 Tonnelle AVE
PROJECT NO.: LOCATION:
PROJECT MANAGER:
e-mail:
PHONE: FAX:

CLIENT BILLING INFORMATION

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

DATA TURNAROUND INFORMATION

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

DATA DELIVERABLE INFORMATION

- ☐ Level 1 (Results Only)
- ☐ Level 2 (Results + QC)
- ☐ Level 3 (Results + QC + Raw Data)
- ☐ Level 4 (QC + Full Raw Data)
- ☐ NJ Reduced ☐ US EPA CLP
- ☐ NYS ASP A ☐ NYS ASP B
- ☐ Other
- ☐ EDD FORMAT

ANALYSIS

1: EPH – NJ
2: Cyanide Mercury Metals ICP TAL
3: PCB
4: Pesticide – TCL
5: SVOA – TCL
6: VOA – TCL
7: VOA – 10
8:
9:

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
1.	1 Floor – North EAST Corner – BACK – A	SOL	X		8-15-25	12:46	3		X	X	X						
2.	1			X		12:50	5	X				X					
3.	1 Floor – Drill – B – Back		X			1304	3		X	X	X						
4.	1			X		1310	5	X				X					
5.	Back – 1 Floor – Center Middle – C		X			1318	3		X	X	X						
6.	1			X		1322	5	X				X					
7.	3 Floor – North – D		X			1400	3		X	X	X						
8.	1			X		1406	5	X				X					
9.	3 Floor – south – E		X			1424	3		X	X	X						
10.	1			X		1430	5	X				X					

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

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

	DATE/TIME		
RELINQUISHED BY SAMPLER: 1.	DATE/TIME: 1530 8.15.2025	RECEIVED BY: 1.	
RELINQUISHED BY SAMPLER: 2.	DATE/TIME:	RECEIVED BY: 2.	
RELINQUISHED BY SAMPLER: 3.	DATE/TIME: 1700 8.15.2025	RECEIVED BY: 3.	

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT X COOLER TEMP 4.1c °C
Comments: Equal volume of soil used.

Page 1 of 2

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete ☐ YES ☐ NO

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

Alliance TECHNICAL GROUP

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

ALLIANCE PROJECT NO.
QUOTE NO. Q2892
COC Number 2045250

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: BAPS North Bergen
ADDRESS: 2000 Tonnelle AVE
CITY North Bergen STATE: N.J. ZIP: 07047
ATTENTION: RAKESH PATEL
PHONE: FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: BAPS 2000 Tonnelle AVE
PROJECT NO.: LOCATION:
PROJECT MANAGER:
e-mail:
PHONE: FAX:

CLIENT BILLING INFORMATION

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

DATA TURNAROUND INFORMATION

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

DATA DELIVERABLE INFORMATION

❑ Level 1 (Results Only) ❑ Level 4 (QC + Full Raw Data)
❑ Level 2 (Results + QC) ❑ NJ Reduced ❑ US EPA CLP
❑ Level 3 (Results + QC + Raw Data) ❑ NYS ASP A ❑ NYS ASP B
❑ Other _____
❑ EDD FORMAT _____

ANALYSIS

1 EPH – NJ
2 Cyanide, Mercury, Methane, TOC, TAL
3 PCB
4 Pesticide – TCL SVOC – TAL
5 VOC – TCL VOA – 10
6
7
8
9

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
1.	Front – 1 Floor – F	SOL	X		8.15.25	1442	3		X	X	X						
2.	L	L		X	L	1448	5	X				X					
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

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

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

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	8.15.2025 1530	1.
2.		2.
3.	8.15.2025 1700	3.

Conditions of bottles or coolers at receipt: ❑ COMPLIANT ❑ NON COMPLIANT ☒ COOLER TEMP 4.1 °C
Comments: equal volume of soil used.

Page 2 of 2

CLIENT: ❑ Hand Delivered ❑ Other

Shipment Complete ❑ YES ❑ NO

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

CHEMTECH
Environmental Laboratory
www.chemtech.net | EMAIL: PM@chemtech.net

Project Name: BAPS 2000 ~~North Bergen~~ Tonnelle AVE
Service Order #:
Work Order #:
Labor WBS #:
Facility/Site:
Site Address: 2000 Tonnelle AVE, North Bergen, N.J. 07047

Chemtech Order ID:
Sampler Name: Lawrence Cotw
Client Project Coordinator & Phone:

Page #: 1 of 1
Date: 8.15.2025
Arrive Time: 11:42
Depart Time: 1530

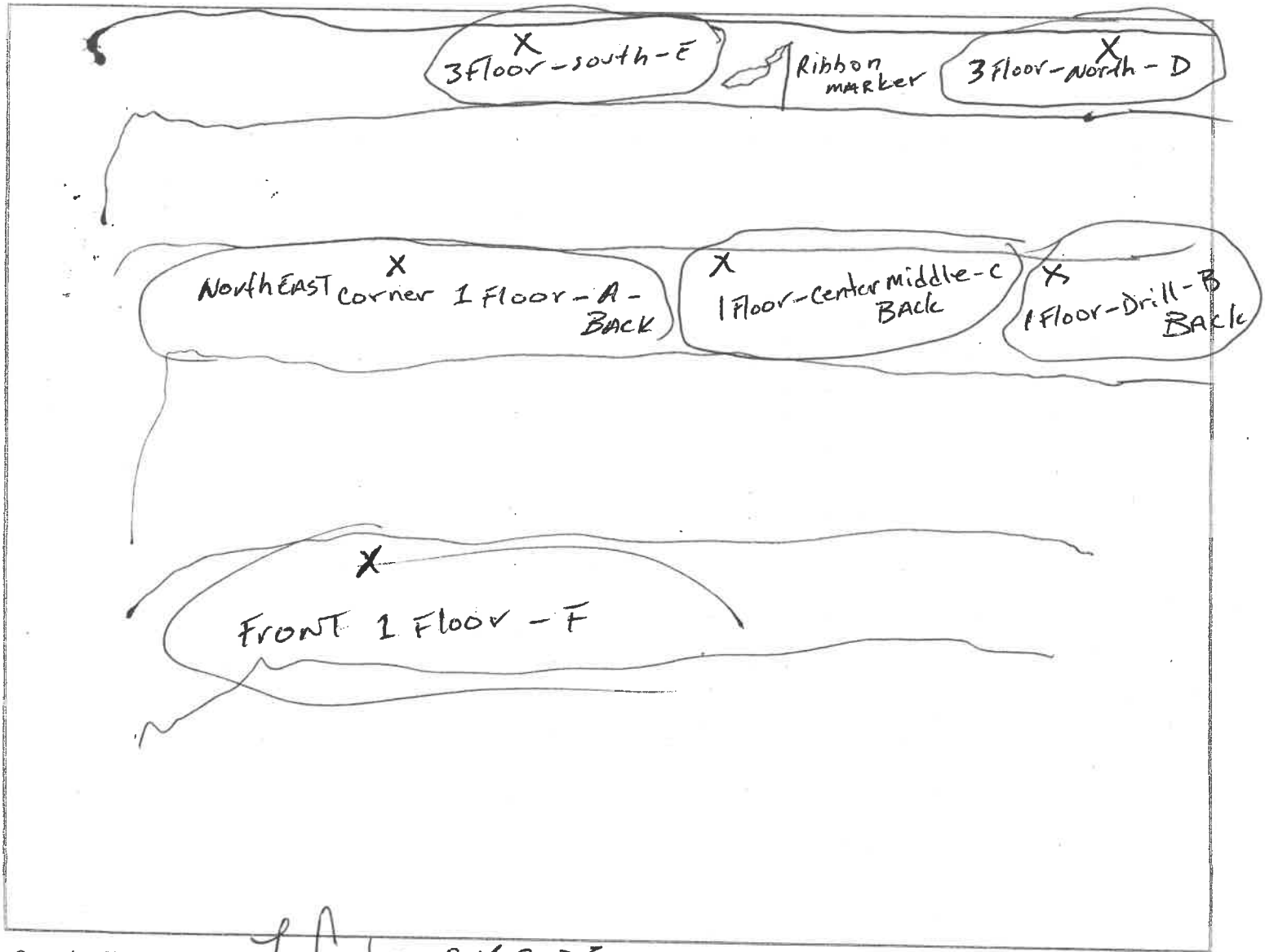
Waste Stream (circle one): drum / roll-off / soil pile / in-situ / linear construction / frac-tank / soil wall
Sample Matrices (circle all that apply): Water / (Solid) / NAPL / Concrete / Wipe

Collection Depths: _____ Dimensions/CY: _____
Temp (range): _____ °C PID Readings (range): _____ PPM Odor: Y / (N) Color (Y) / N

Sample Description: Brown soil, rocks.
Field Observations: Stumped. 1 Floor - North EAST Corner - BACK - A, 1 Floor - Drill - B - Back, 1 Floor - Center Middle - C - BACK, 3 Floor - North - D, 3 Floor - south - E, Front - 1 Floor - F

Grid/Area Composite Map:

QA Control # A3041134



Sampler Signature: L Cotw 8.15.2025
Supervisor Review/Date: _____
Client Signature: _____
Date/Time Arrived at Lab: _____

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	TX-C25-00189
Virginia	460312

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2892 BAPS03
Client Name : BAPS North Bergen Develc
Client Contact : Jatinkuma Patel
Invoice Name : BAPS North Bergen Develc
Invoice Contact : Jatinkuma Patel

Order Date : 8/15/2025 3:18:33 PM
Project Name : BAPS 2000 Tonnelle Ave
Receive DateTime : 8/15/2025 5:00:00 PM
Purchase Order :

Project Mgr : Yazmeen
Report Type : Level 1
EDD Type : EXCEL NJCLEANUP
Hard Copy Date :
Date Signoff : 8/18/2025 11:07:33 AM

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2892-01	1-FLOOR-NORTH-EAST-~~CONRNER~~ CORNER -BACK-A	Solid	08/15/2025	12:50	VOC-TCLVOA-10		8260D		10 Bus. Days
Q2892-03	1-FLOOR-DRILL-B-BACK	Solid	08/15/2025	13:10	VOC-TCLVOA-10		8260D		10 Bus. Days
Q2892-05	BACK-1-FLOOR-CENTER-MIDDLE-C	Solid	08/15/2025	13:22	VOC-TCLVOA-10		8260D		10 Bus. Days
Q2892-07	3-FLOOR-NORTH-D	Solid	08/15/2025	14:06	VOC-TCLVOA-10		8260D		10 Bus. Days
Q2892-09	3-FLOOR-SOUTH-E	Solid	08/15/2025	14:30	VOC-TCLVOA-10		8260D		10 Bus. Days
Q2892-11	FRONT-1-FLOOR-F	Solid	08/15/2025	14:48	VOC-TCLVOA-10		8260D		10 Bus. Days

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

YG 08/19/2025

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2892 BAPS03
Client Name : BAPS North Bergen
Client Contact : Jatinkuma Patel
Invoice Name : BAPS North Bergen
Invoice Contact : Jatinkuma Patel

Order Date : 8/15/2025 3:18:33 PM
Project Name : BAPS 2000 Tonnelle Ave
Receive DateTime : 8/15/2025 ~~12:00:00 AM~~ 5:00:00 PM
Purchase Order :

Project Mgr :
Report Type : Level 1
EDD Type : EXCEL NJCLEANUP
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES

Relinguished By :
Date / Time : 8/18/25 0730

Received By :
Date / Time : 8/18/25 730

Storage Area : VOA Refridgerator Room