284 Sheffield Street, Mountainside NJ 07092 Tel. 908-789-8900 Fax: 908-789-8922

DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following " Results Qualifiers" are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10 U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value**.** This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This is flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as "12 B".
E	Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

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LAB CHRONICLE

OrderID:	Q3614	**OrderDate:**	11/12/2025 11:51:00 AM
Client:	Kleinfelder	**Project:**	Logan School
Contact:	Mark Warchol	**Location:**	J21,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3614-01	**COMP-1**	**SOIL**			**11/11/25**			**11/12/25**
			VOCMS Group1	8260D			11/12/25	
Q3614-02	**COMP-2**	**SOIL**			**11/11/25**			**11/12/25**
			VOCMS Group1	8260D			11/12/25	
Q3614-03	**COMP-3**	**SOIL**			**11/11/25**			**11/12/25**
			VOCMS Group1	8260D			11/12/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3614

Client: Kleinfelder

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units

Client ID:

0

Total Voc :

Total Concentration:

QC SUMMARY

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Surrogate Summary

SDG No.: Q3614

Client: Kleinfelder

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q3614-01	COMP-1	1,2-Dichloroethane-d4	50	59.5	119		63	155
		Dibromofluoromethane	50	51.1	102		70	134
		Toluene-d8	50	48.5	97		74	123
		4-Bromofluorobenzene	50	45.2	90		52	138
Q3614-02	COMP-2	1,2-Dichloroethane-d4	50	61.9	124		63	155
		Dibromofluoromethane	50	52.0	104		70	134
		Toluene-d8	50	49.0	98		74	123
		4-Bromofluorobenzene	50	47.0	94		52	138
Q3614-03	COMP-3	1,2-Dichloroethane-d4	50	59.4	119		63	155
		Dibromofluoromethane	50	51.0	102		70	134
		Toluene-d8	50	48.8	98		74	123
		4-Bromofluorobenzene	50	45.1	90		52	138
VY1112SBL01	VY1112SBL01	1,2-Dichloroethane-d4	50	57.4	115		63	155
		Dibromofluoromethane	50	51.1	102		70	134
		Toluene-d8	50	48.1	96		74	123
		4-Bromofluorobenzene	50	42.4	85		52	138
VY1112SBS01	VY1112SBS01	1,2-Dichloroethane-d4	50	49.4	99		63	155
		Dibromofluoromethane	50	50.6	101		70	134
		Toluene-d8	50	51.3	103		74	123
		4-Bromofluorobenzene	50	51.8	104		52	138
VY1112SBSD01	VY1112SBSD01	1,2-Dichloroethane-d4	50	50.9	102		63	155
		Dibromofluoromethane	50	50.2	100		70	134
		Toluene-d8	50	50.5	101		74	123
		4-Bromofluorobenzene	50	50.1	100		52	138

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3614 **Analytical Method:** SW8260D

Client: Kleinfelder **Datafile :** VY023754.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VY1112SBS01	cis-1,2-Dichloroethene	20	19.6	ug/Kg	98			82	123	
	1,1,1-Trichloroethane	20	20.1	ug/Kg	101			80	126	
	Benzene	20	20.1	ug/Kg	101			84	121	
	Trichloroethene	20	20.1	ug/Kg	101			83	122	
	Toluene	20	20.6	ug/Kg	103			83	122	
	Ethyl Benzene	20	20.2	ug/Kg	101			82	124	
	m/p-Xylenes	40	41.0	ug/Kg	103			83	124	
	o-Xylene	20	19.8	ug/Kg	99			83	123	
	Isopropylbenzene	20	19.8	ug/Kg	99			82	124	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3614 **Analytical Method:** SW8260D

Client: Kleinfelder **Datafile :** VY023755.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VY1112SBSD01	cis-1,2-Dichloroethene	20	20.7	ug/Kg	104	6		82	123	15
	1,1,1-Trichloroethane	20	21.1	ug/Kg	106	5		80	126	15
	Benzene	20	20.8	ug/Kg	104	3		84	121	15
	Trichloroethene	20	20.6	ug/Kg	103	2		83	122	15
	Toluene	20	20.7	ug/Kg	104	1		83	122	15
	Ethyl Benzene	20	21.1	ug/Kg	106	5		82	124	15
	m/p-Xylenes	40	42.1	ug/Kg	105	2		83	124	15
	o-Xylene	20	20.9	ug/Kg	104	5		83	123	15
	Isopropylbenzene	20	21.0	ug/Kg	105	6		82	124	15

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VOLATILE METHOD BLANK SUMMARY

Client ID: VY1112SBL01

Lab Name: Alliance Contract: POWE02

Lab Code: ACE SDG NO.: Q3614

Lab File ID: VY023753.D Lab Sample ID: VY1112SBL01

Date Analyzed: 11/12/2025 Time Analyzed: 10:37

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
VY1112SBS01	VY1112SBS01	VY023754.D	11/12/2025
VY1112SBSD01	VY1112SBSD01	VY023755.D	11/12/2025
COMP-1	Q3614-01	VY023768.D	11/12/2025
COMP-2	Q3614-02	VY023769.D	11/12/2025
COMP-3	Q3614-03	VY023770.D	11/12/2025

COMMENTS:

Raw Data: **VY023660.D**

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: POWE02
Lab Code: ACE
SDG NO.: Q3614
Lab File ID: VY023660.D
BFB Injection Date: 11/04/2025
Instrument ID: MSVOA_Y
BFB Injection Time: 08:11
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	17.3
75	30.0 - 60.0% of mass 95	49
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	1.3 (1.3) 1
174	50.0 - 100.0% of mass 95	94.8
175	5.0 - 9.0% of mass 174	7 (7.4) 1
176	95.0 - 101.0% of mass 174	91.1 (96.1) 1
177	5.0 - 9.0% of mass 176	6 (6.5) 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	VY023661.D	11/04/2025	09:19
VSTDICC010	VSTDICC010	VY023662.D	11/04/2025	09:42
VSTDICC020	VSTDICC020	VY023663.D	11/04/2025	10:19
VSTDICCC050	VSTDICCC050	VY023664.D	11/04/2025	10:42
VSTDICC100	VSTDICC100	VY023665.D	11/04/2025	11:05
VSTDICC150	VSTDICC150	VY023666.D	11/04/2025	11:27

Raw Data: **VY023751.D**

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: POWE02

Lab Code: ACE | SDG NO.: Q3614

Lab File ID: VY023751.D | BFB Injection Date: 11/12/2025

Instrument ID: MSVOA_Y | BFB Injection Time: 09:23

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	17.3
75	30.0 - 60.0% of mass 95	49.2
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.9
173	Less than 2.0% of mass 174	1.2 (1.2) 1
174	50.0 - 100.0% of mass 95	93.7
175	5.0 - 9.0% of mass 174	6.9 (7.4) 1
176	95.0 - 101.0% of mass 174	89.5 (95.4) 1
177	5.0 - 9.0% of mass 176	5.7 (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
VSTDCCC050	VSTDCCC050	VY023752.D	11/12/2025	10:01
VY1112SBL01	VY1112SBL01	VY023753.D	11/12/2025	10:37
VY1112SBS01	VY1112SBS01	VY023754.D	11/12/2025	11:04
VY1112SBSD01	VY1112SBSD01	VY023755.D	11/12/2025	11:27
COMP-1	Q3614-01	VY023768.D	11/12/2025	16:55
COMP-2	Q3614-02	VY023769.D	11/12/2025	17:18
COMP-3	Q3614-03	VY023770.D	11/12/2025	17:42

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: POWE02

Lab Code: ACE SDG NO.: Q3614

Lab File ID: VY023752.D Date Analyzed: 11/12/2025

Instrument ID: MSVOA_Y Time Analyzed: 10:01

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	542463	7.71	778548	8.62	693308	11.42
UPPER LIMIT	1084930	8.213	1557100	9.116	1386620	11.92
LOWER LIMIT	271232	7.213	389274	8.116	346654	10.92
EPA SAMPLE NO.						
COMP-1	768671	7.71	1331047	8.62	1154176	11.41
COMP-2	747129	7.71	1293422	8.62	1145506	11.41
COMP-3	759606	7.71	1324033	8.62	1144655	11.41
VY1112SBL01	769463	7.71	1302390	8.62	1092818	11.42
VY1112SBS01	546007	7.71	796865	8.62	695921	11.42
VY1112SBSD01	549741	7.71	816418	8.62	694367	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.

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: POWE02

Lab Code: ACE SDG NO.: Q3614

Lab File ID: VY023752.D Date Analyzed: 11/12/2025

Instrument ID: MSVOA_Y Time Analyzed: 10:01

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

	IS4 AREA #	RT #				
12 HOUR STD	345261	13.346				
UPPER LIMIT	690522	13.846				
LOWER LIMIT	172631	12.846				
EPA SAMPLE NO.						
COMP-1	463172	13.35				
COMP-2	473781	13.35				
COMP-3	465011	13.35				
VY1112SBL01	431668	13.35				
VY1112SBS01	358224	13.35				
VY1112SBSD01	349899	13.35				

IS4 = 1,4-Dichlorobenzene-d4

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

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

SAMPLE DATA

Raw Data: **VY023768.D**

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

Report of Analysis

Client:	Kleinfelder			Date Collected:	11/11/25
Project:	Logan School			Date Received:	11/12/25
Client Sample ID:	COMP-1			SDG No.:	Q3614
Lab Sample ID:	Q3614-01			Matrix:	SOIL
Analytical Method:	8260D	Level:	LOW	% Solid:	82.3
Sample Wt/Vol:	5.6 g	Final Vol:	5000 uL	Test:	VOCMS Group1

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
156-59-2	cis-1,2-Dichloroethene	0.81	U	1	0.81	5.40	ug/Kg	11/12/25 16:55	vy111225
71-55-6	1,1,1-Trichloroethane	1.00	U	1	1.00	5.40	ug/Kg	11/12/25 16:55	vy111225
71-43-2	Benzene	0.86	U	1	0.86	5.40	ug/Kg	11/12/25 16:55	vy111225
79-01-6	Trichloroethene	0.88	U	1	0.88	5.40	ug/Kg	11/12/25 16:55	vy111225
108-88-3	Toluene	0.85	U	1	0.85	5.40	ug/Kg	11/12/25 16:55	vy111225
100-41-4	Ethyl Benzene	0.73	U	1	0.73	5.40	ug/Kg	11/12/25 16:55	vy111225
1330-20-7	Total Xylenes	2.19	U	1	2.19	16.2	ug/Kg	11/12/25 16:55	vy111225
98-82-8	Isopropylbenzene	0.85	U	1	0.85	5.40	ug/Kg	11/12/25 16:55	vy111225
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	59.5			63 - 155	119%	SPK: 50		
1868-53-7	Dibromofluoromethane	51.1			70 - 134	102%	SPK: 50		
2037-26-5	Toluene-d8	48.5			74 - 123	97%	SPK: 50		
460-00-4	4-Bromofluorobenzene	45.2			52 - 138	90%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	769000							
540-36-3	1,4-Difluorobenzene	1330000							
3114-55-4	Chlorobenzene-d5	1150000							
3855-82-1	1,4-Dichlorobenzene-d4	463000							

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\VY111225\
Data File : VY023768.D
Acq On : 12 Nov 2025 16:55
Operator : SY/MD
Sample : Q3614-01
Misc : 5.60g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

Quant Time: Nov 14 03:41:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 05 04:41:50 2025
Response via : Initial Calibration

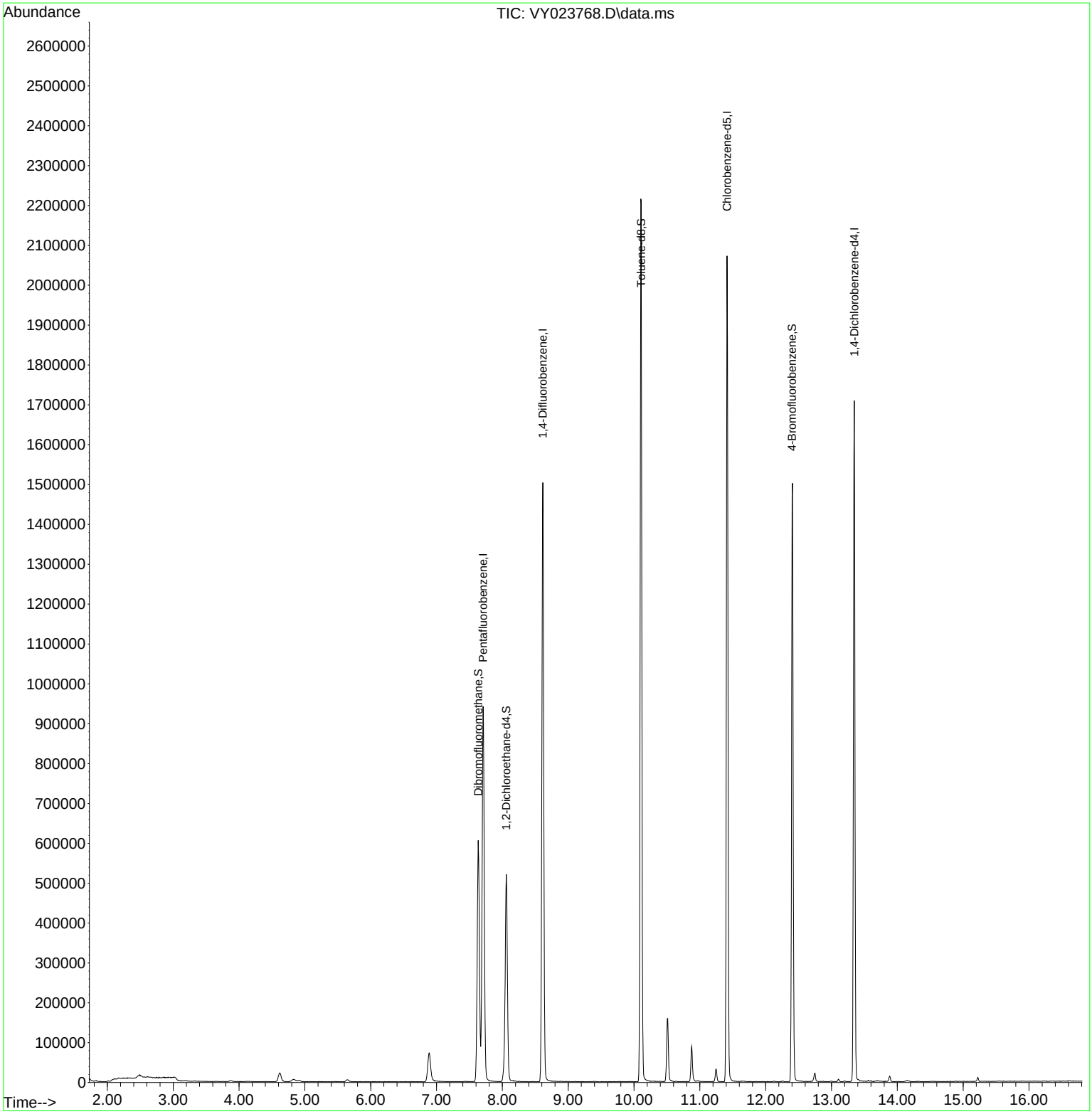
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	768671	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	1331047	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	1154176	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	463172	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	390445	59.548	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 119.100%			
35) Dibromofluoromethane	7.634	113	425167	51.113	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.220%			
50) Toluene-d8	10.109	98	1503439	48.521	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 97.040%			
62) 4-Bromofluorobenzene	12.401	95	453321	45.239	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 90.480%			
Target Compounds						Qvalue

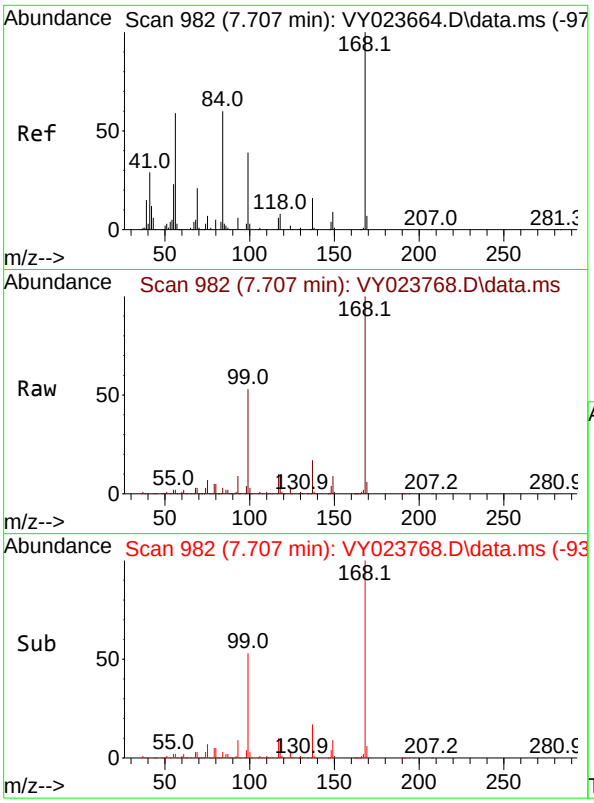
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111225\
Data File : VY023768.D
Acq On : 12 Nov 2025 16:55
Operator : SY/MD
Sample : Q3614-01
Misc : 5.60g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

Quant Time: Nov 14 03:41:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 05 04:41:50 2025
Response via : Initial Calibration



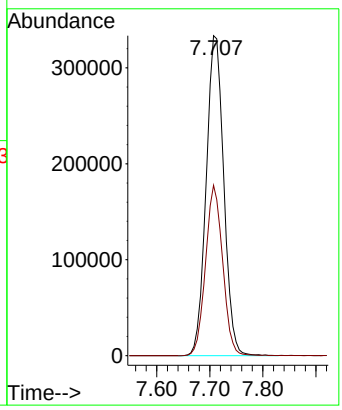


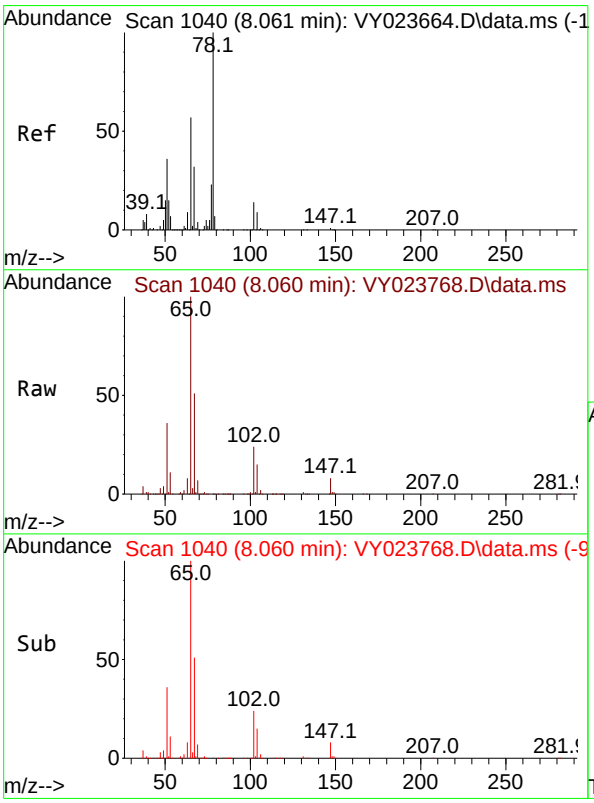
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY023768.D
Acq: 12 Nov 2025 16:55

Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

Tgt Ion:168 Resp: 768671

Ion	Ratio	Lower	Upper
168	100		
99	53.3	41.0	61.4

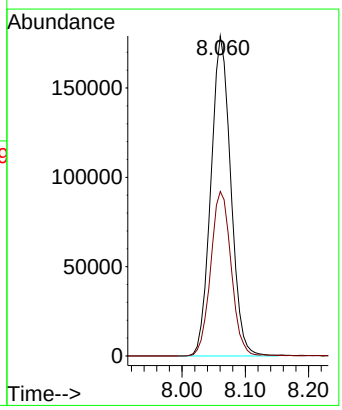


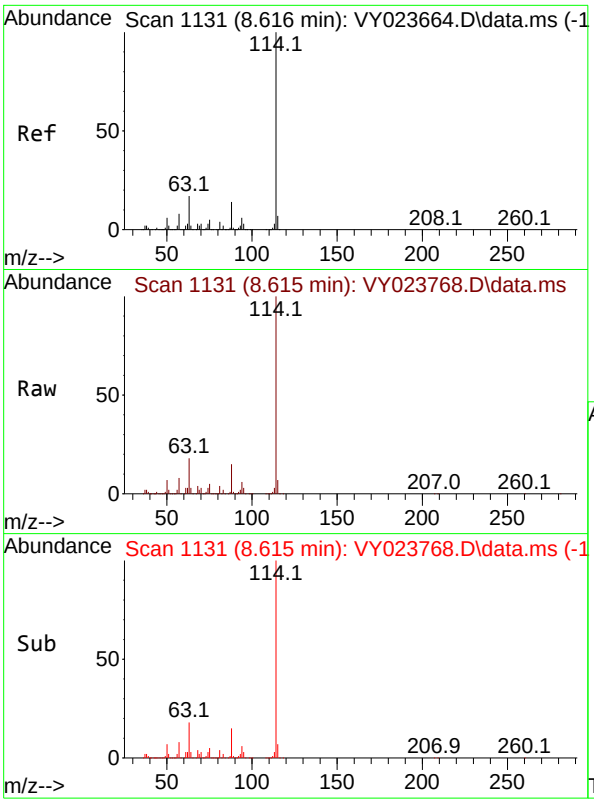


#33
1,2-Dichloroethane-d4
Concen: 59.548 ug/l
RT: 8.060 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY023768.D
Acq: 12 Nov 2025 16:55

Tgt Ion: 65 Resp: 390445

Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	107.4



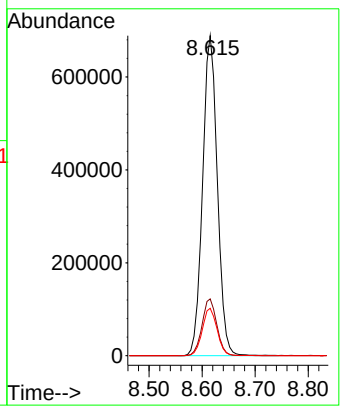


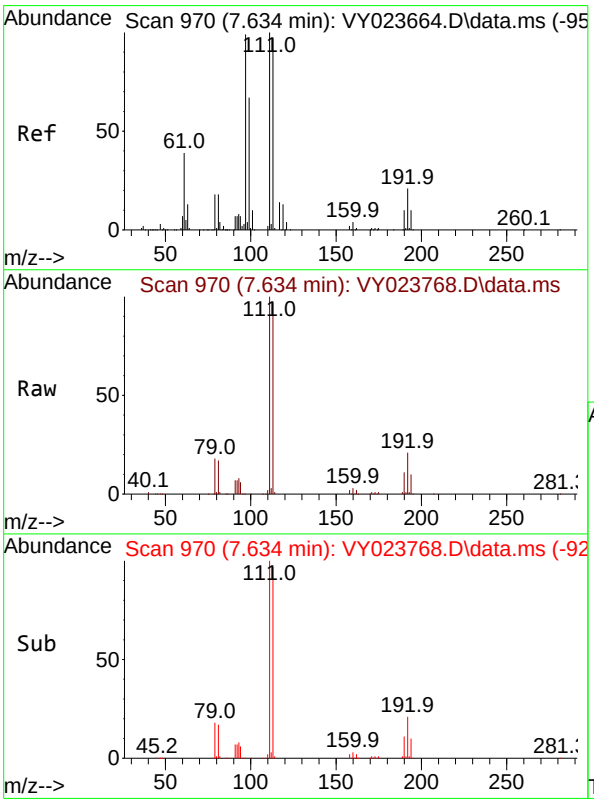
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023768.D
Acq: 12 Nov 2025 16:55

Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

Tgt Ion:114 Resp: 1331047

Ion	Ratio	Lower	Upper
114	100		
63	17.8	0.0	33.8
88	14.8	0.0	29.0

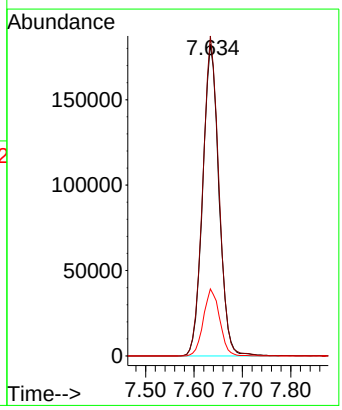


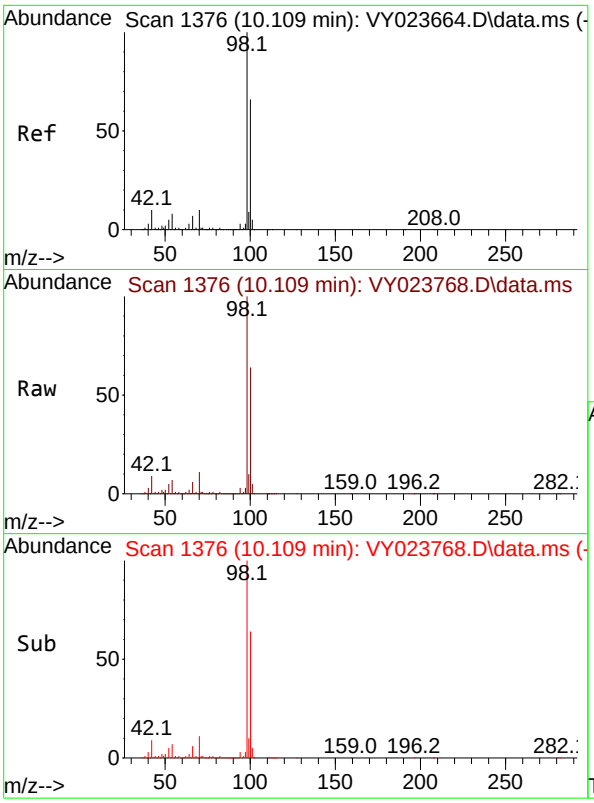


#35
Dibromofluoromethane
Concen: 51.113 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY023768.D
Acq: 12 Nov 2025 16:55

Tgt Ion:113 Resp: 425167

Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.2	123.4
192	21.5	17.3	25.9



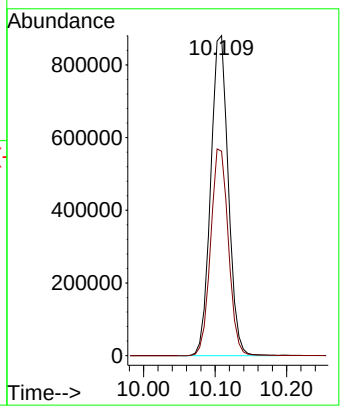


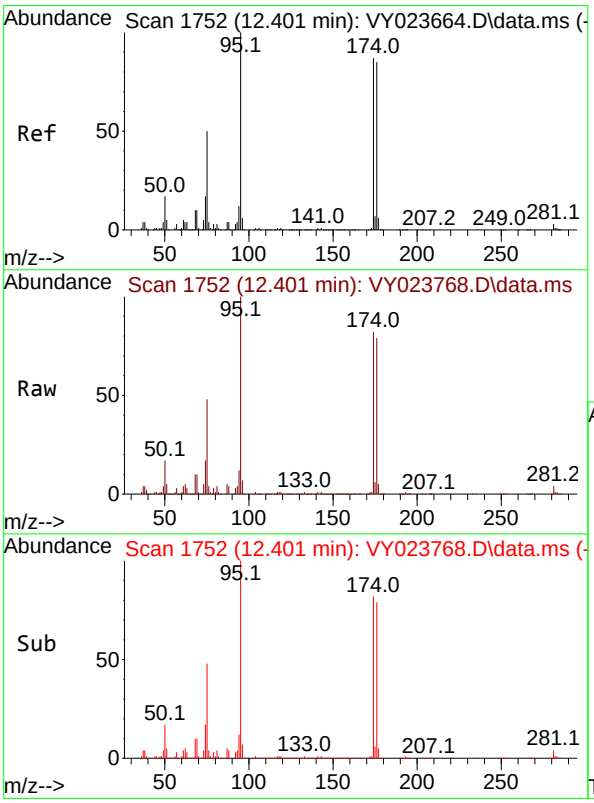
#50
Toluene-d8
Concen: 48.521 ug/l
RT: 10.109 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023768.D
Acq: 12 Nov 2025 16:55

Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

Tgt Ion: 98 Resp: 1503439

Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.7	79.1

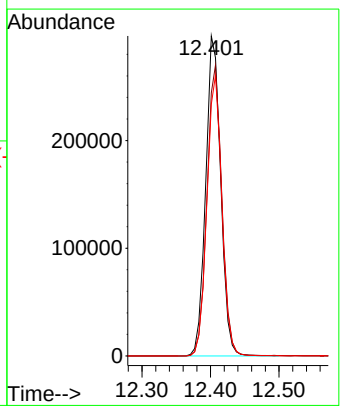


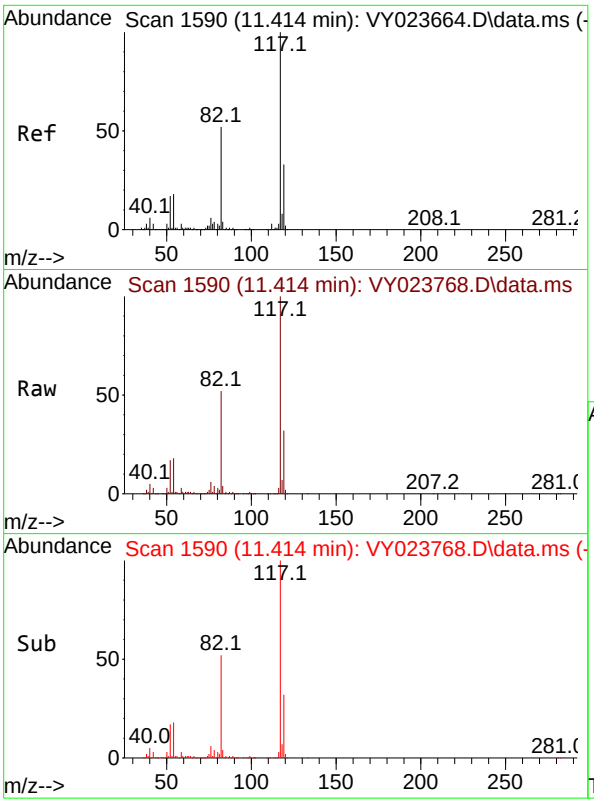


#62
4-Bromofluorobenzene
Concen: 45.239 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VY023768.D
Acq: 12 Nov 2025 16:55

Tgt Ion: 95 Resp: 453321

Ion	Ratio	Lower	Upper
95	100		
174	90.7	0.0	184.8
176	87.6	0.0	181.6



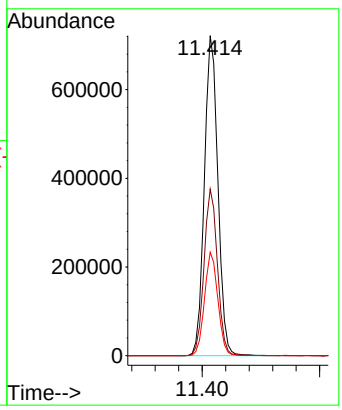


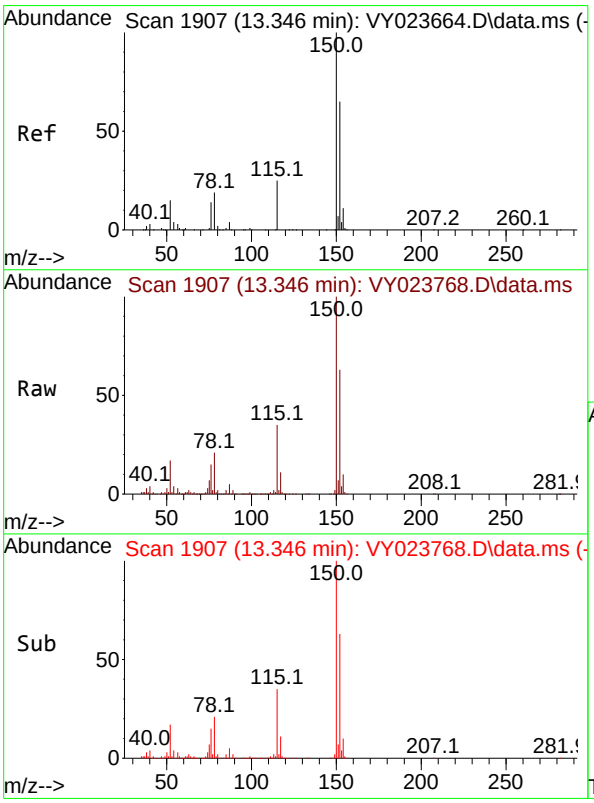
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023768.D
Acq: 12 Nov 2025 16:55

Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

Tgt Ion:117 Resp: 1154176

Ion	Ratio	Lower	Upper
117	100		
82	52.1	41.2	61.8
119	32.3	26.2	39.2

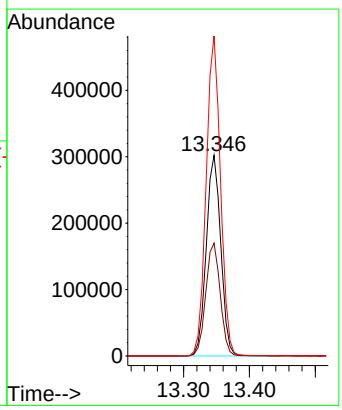




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY023768.D
Acq: 12 Nov 2025 16:55

Tgt Ion:152 Resp: 463172

Ion	Ratio	Lower	Upper
152	100		
115	56.2	27.5	82.5
150	157.7	0.0	349.0



Raw Data: **VY023769.D**

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

Report of Analysis

Client:	Kleinfelder	Date Collected:	11/11/25
Project:	Logan School	Date Received:	11/12/25
Client Sample ID:	COMP-2	SDG No.:	Q3614
Lab Sample ID:	Q3614-02	Matrix:	SOIL
Analytical Method:	8260D	Level: LOW	% Solid: 81.7
Sample Wt/Vol:	5 g	Final Vol: 5000 uL	Test: VOCMS Group1

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
156-59-2	cis-1,2-Dichloroethene	0.92	U	1	0.92	6.10	ug/Kg	11/12/25 17:18	vy111225
71-55-6	1,1,1-Trichloroethane	1.10	U	1	1.10	6.10	ug/Kg	11/12/25 17:18	vy111225
71-43-2	Benzene	0.97	U	1	0.97	6.10	ug/Kg	11/12/25 17:18	vy111225
79-01-6	Trichloroethene	0.99	U	1	0.99	6.10	ug/Kg	11/12/25 17:18	vy111225
108-88-3	Toluene	0.95	U	1	0.95	6.10	ug/Kg	11/12/25 17:18	vy111225
100-41-4	Ethyl Benzene	0.82	U	1	0.82	6.10	ug/Kg	11/12/25 17:18	vy111225
1330-20-7	Total Xylenes	2.50	U	1	2.50	18.3	ug/Kg	11/12/25 17:18	vy111225
98-82-8	Isopropylbenzene	0.95	U	1	0.95	6.10	ug/Kg	11/12/25 17:18	vy111225
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	61.9			63 - 155	124%	SPK: 50		
1868-53-7	Dibromofluoromethane	52.0			70 - 134	104%	SPK: 50		
2037-26-5	Toluene-d8	49.0			74 - 123	98%	SPK: 50		
460-00-4	4-Bromofluorobenzene	47.1			52 - 138	94%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	747000							
540-36-3	1,4-Difluorobenzene	1290000							
3114-55-4	Chlorobenzene-d5	1150000							
3855-82-1	1,4-Dichlorobenzene-d4	474000							

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\VY111225\
Data File : VY023769.D
Acq On : 12 Nov 2025 17:18
Operator : SY/MD
Sample : Q3614-02
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

Quant Time: Nov 14 03:41:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 05 04:41:50 2025
Response via : Initial Calibration

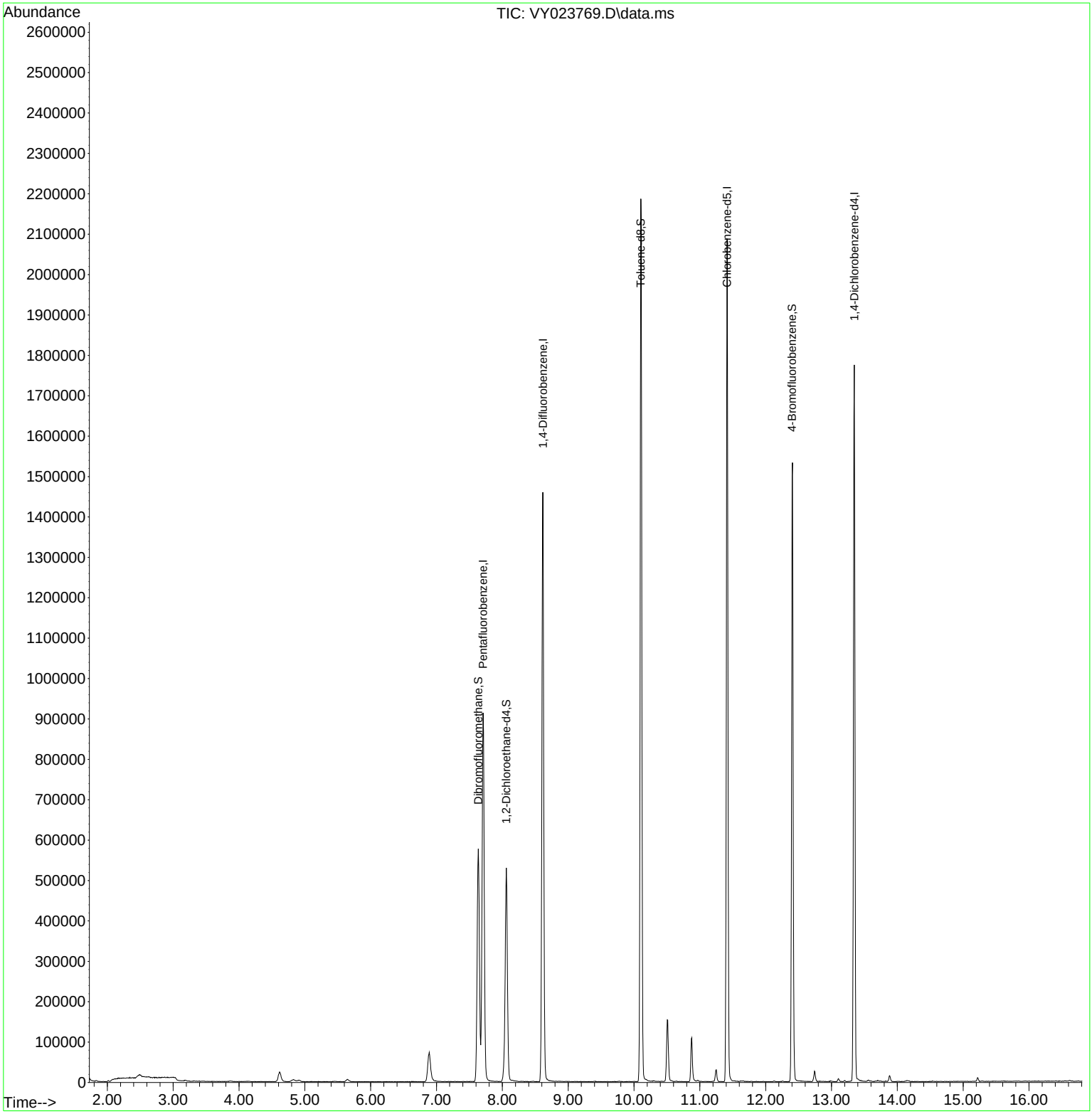
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	747129	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	1293422	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	1145506	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	473781	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	394760	61.942	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 123.880%			
35) Dibromofluoromethane	7.634	113	420174	51.982	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.960%			
50) Toluene-d8	10.103	98	1474719	48.978	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 97.960%			
62) 4-Bromofluorobenzene	12.401	95	458179	47.054	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 94.100%			
Target Compounds						Qvalue

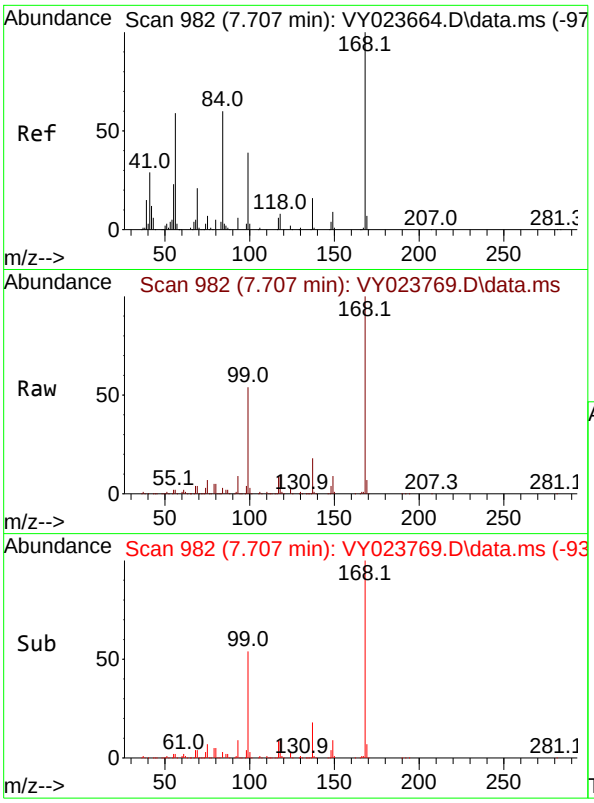
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111225\
Data File : VY023769.D
Acq On : 12 Nov 2025 17:18
Operator : SY/MD
Sample : Q3614-02
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

Quant Time: Nov 14 03:41:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 05 04:41:50 2025
Response via : Initial Calibration



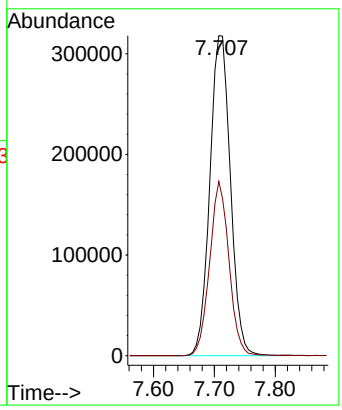


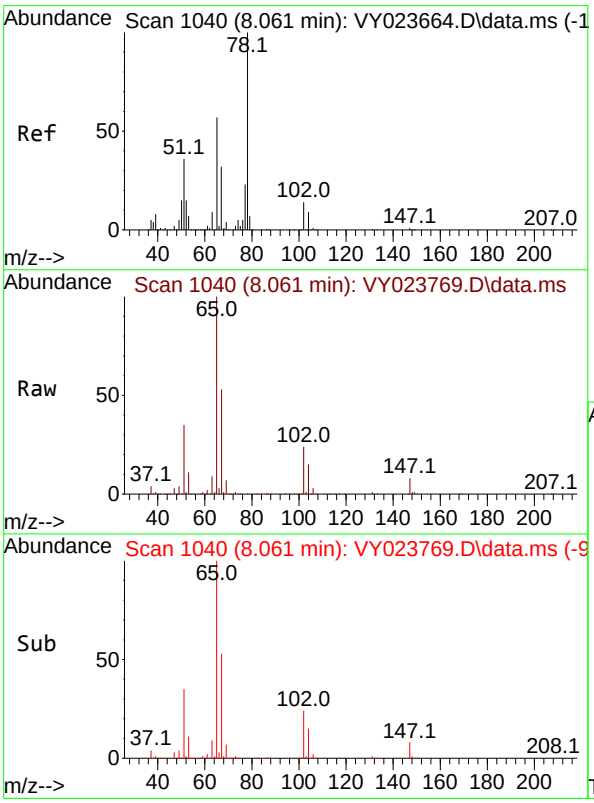
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY023769.D
Acq: 12 Nov 2025 17:18

Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

Tgt Ion:168 Resp: 747129

Ion	Ratio	Lower	Upper
168	100		
99	54.5	41.0	61.4

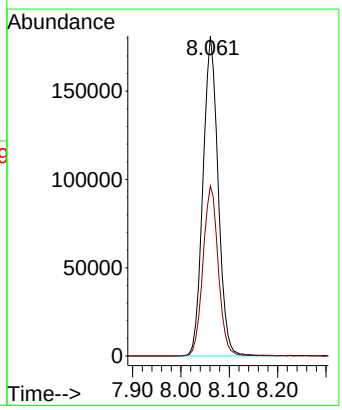


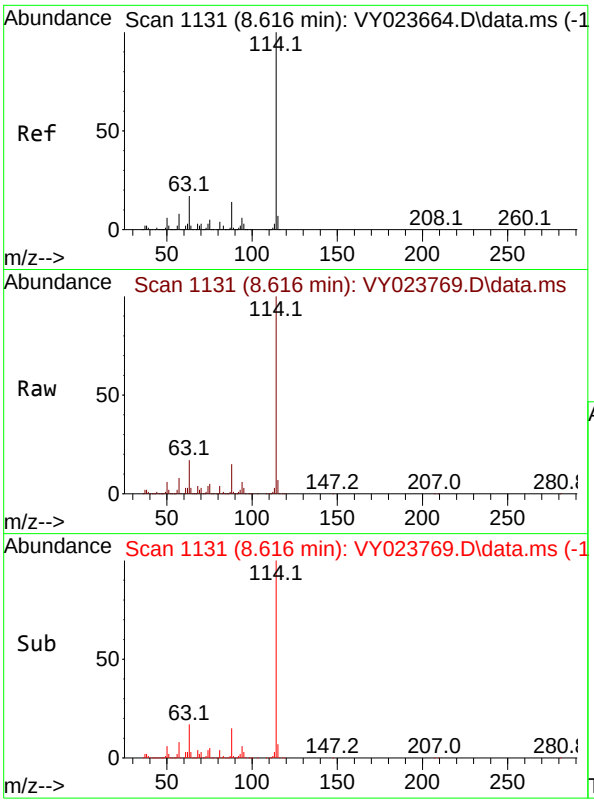


#33
1,2-Dichloroethane-d4
Concen: 61.942 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY023769.D
Acq: 12 Nov 2025 17:18

Tgt Ion: 65 Resp: 394760

Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	107.4



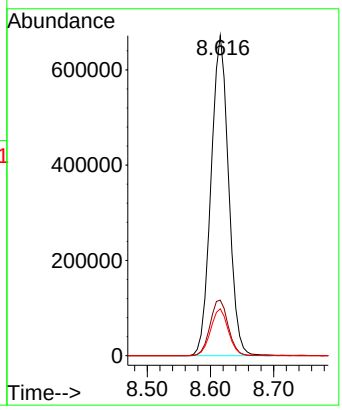


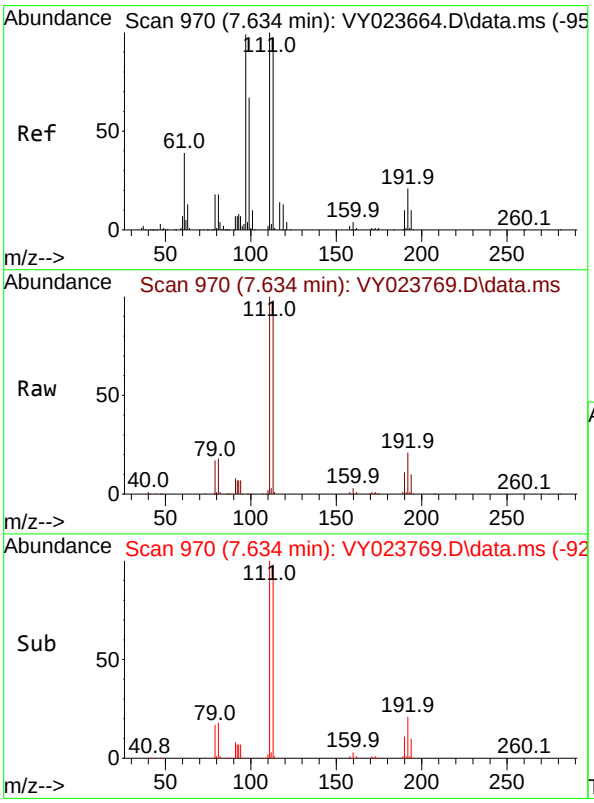
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023769.D
Acq: 12 Nov 2025 17:18

Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

Tgt Ion:114 Resp: 1293422

Ion	Ratio	Lower	Upper
114	100		
63	17.4	0.0	33.8
88	14.7	0.0	29.0

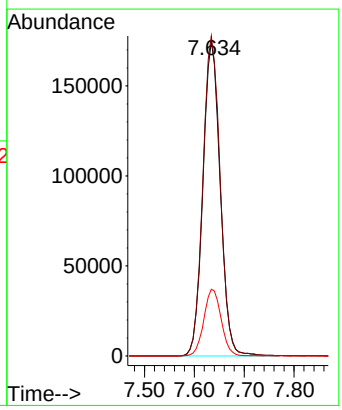


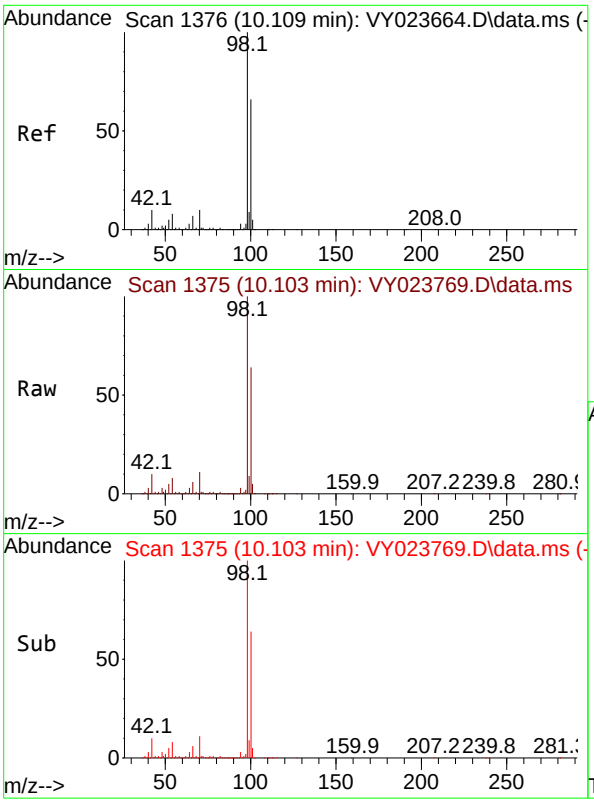


#35
Dibromofluoromethane
Concen: 51.982 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY023769.D
Acq: 12 Nov 2025 17:18

Tgt Ion:113 Resp: 420174

Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.2	123.4
192	21.3	17.3	25.9



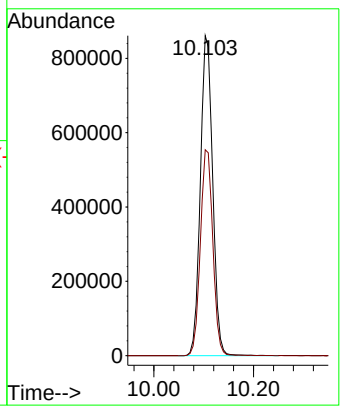


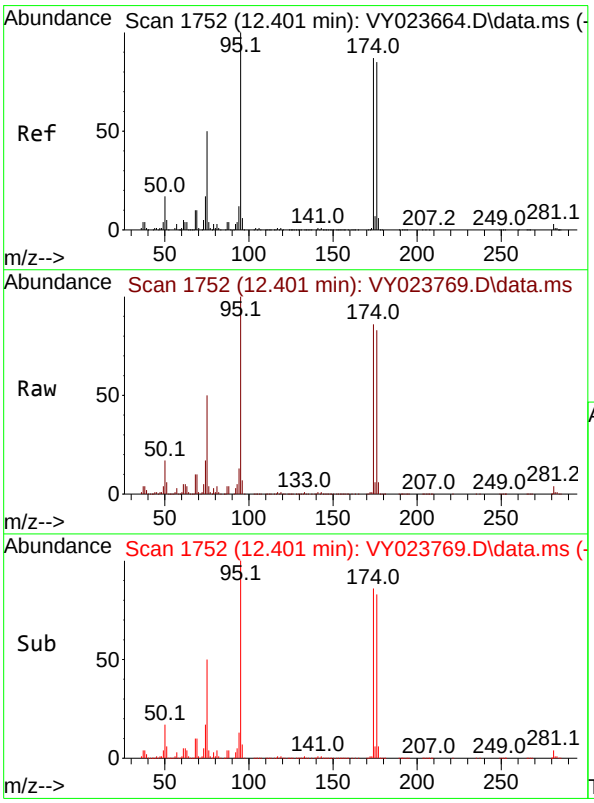
#50
Toluene-d8
Concen: 48.978 ug/l
RT: 10.103 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY023769.D
Acq: 12 Nov 2025 17:18

Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

Tgt Ion: 98 Resp: 1474719

Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.7	79.1

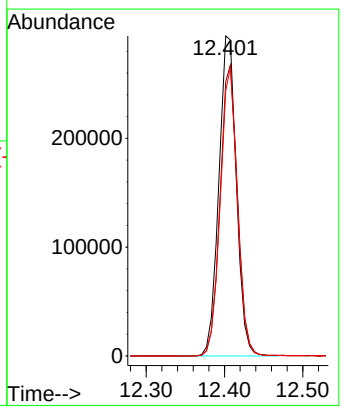


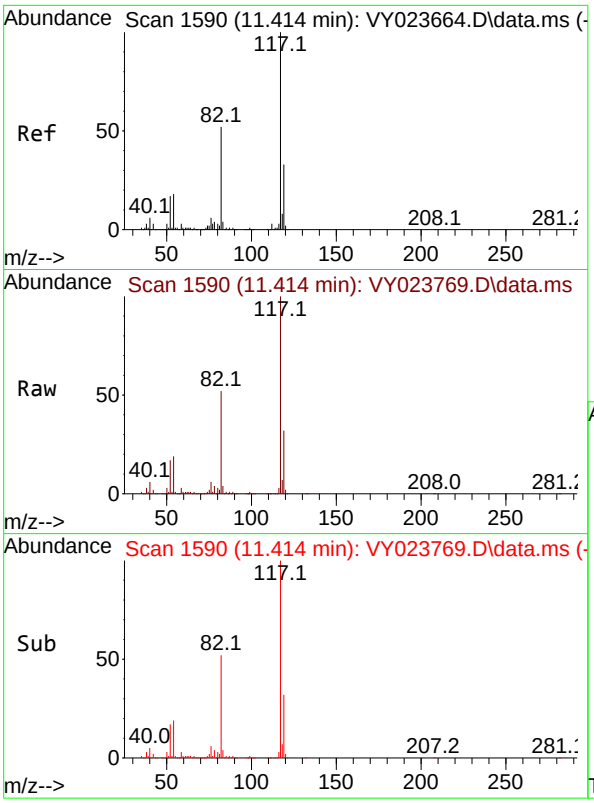


#62
4-Bromofluorobenzene
Concen: 47.054 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VY023769.D
Acq: 12 Nov 2025 17:18

Tgt Ion: 95 Resp: 458179

Ion	Ratio	Lower	Upper
95	100		
174	90.6	0.0	184.8
176	88.1	0.0	181.6



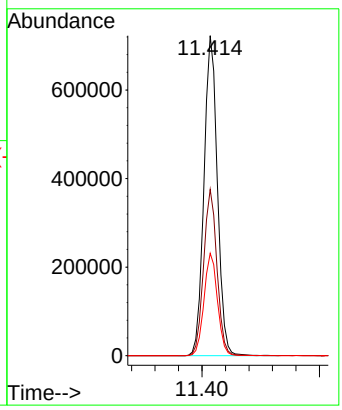


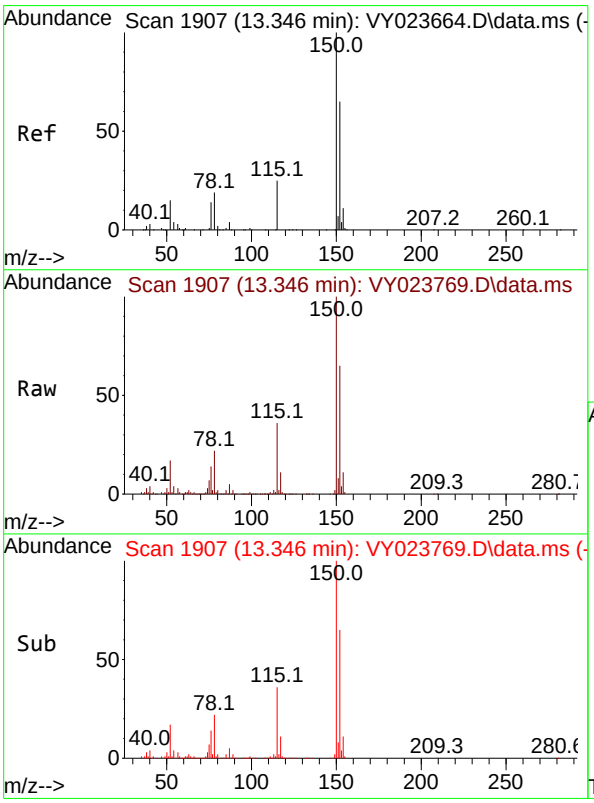
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023769.D
Acq: 12 Nov 2025 17:18

Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

Tgt Ion:117 Resp: 1145506

Ion	Ratio	Lower	Upper
117	100		
82	51.9	41.2	61.8
119	32.0	26.2	39.2

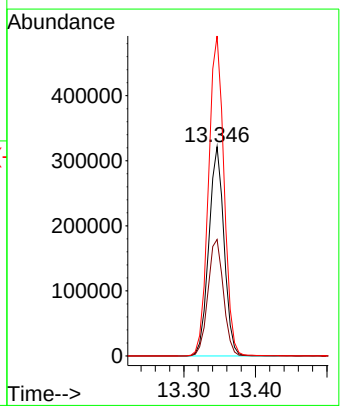




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY023769.D
Acq: 12 Nov 2025 17:18

Tgt Ion:152 Resp: 473781

Ion	Ratio	Lower	Upper
152	100		
115	56.9	27.5	82.5
150	156.5	0.0	349.0



Raw Data: **VY023770.D**

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

Report of Analysis

Client:	Kleinfelder			Date Collected:	11/11/25
Project:	Logan School			Date Received:	11/12/25
Client Sample ID:	COMP-3			SDG No.:	Q3614
Lab Sample ID:	Q3614-03			Matrix:	SOIL
Analytical Method:	8260D	Level:	LOW	% Solid:	83.5
Sample Wt/Vol:	5.42 g	Final Vol:	5000 uL	Test:	VOCMS Group1

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
156-59-2	cis-1,2-Dichloroethene	0.83	U	1	0.83	5.50	ug/Kg	11/12/25 17:42	vy111225
71-55-6	1,1,1-Trichloroethane	1.00	U	1	1.00	5.50	ug/Kg	11/12/25 17:42	vy111225
71-43-2	Benzene	0.87	U	1	0.87	5.50	ug/Kg	11/12/25 17:42	vy111225
79-01-6	Trichloroethene	0.89	U	1	0.89	5.50	ug/Kg	11/12/25 17:42	vy111225
108-88-3	Toluene	0.86	U	1	0.86	5.50	ug/Kg	11/12/25 17:42	vy111225
100-41-4	Ethyl Benzene	0.74	U	1	0.74	5.50	ug/Kg	11/12/25 17:42	vy111225
1330-20-7	Total Xylenes	2.31	U	1	2.31	16.5	ug/Kg	11/12/25 17:42	vy111225
98-82-8	Isopropylbenzene	0.86	U	1	0.86	5.50	ug/Kg	11/12/25 17:42	vy111225
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	59.4			63 - 155	119%	SPK: 50		
1868-53-7	Dibromofluoromethane	51.0			70 - 134	102%	SPK: 50		
2037-26-5	Toluene-d8	48.8			74 - 123	98%	SPK: 50		
460-00-4	4-Bromofluorobenzene	45.1			52 - 138	90%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	760000							
540-36-3	1,4-Difluorobenzene	1320000							
3114-55-4	Chlorobenzene-d5	1140000							
3855-82-1	1,4-Dichlorobenzene-d4	465000							

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\VY111225\
Data File : VY023770.D
Acq On : 12 Nov 2025 17:42
Operator : SY/MD
Sample : Q3614-03
Misc : 5.42g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
COMP-3

Quant Time: Nov 14 03:41:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 05 04:41:50 2025
Response via : Initial Calibration

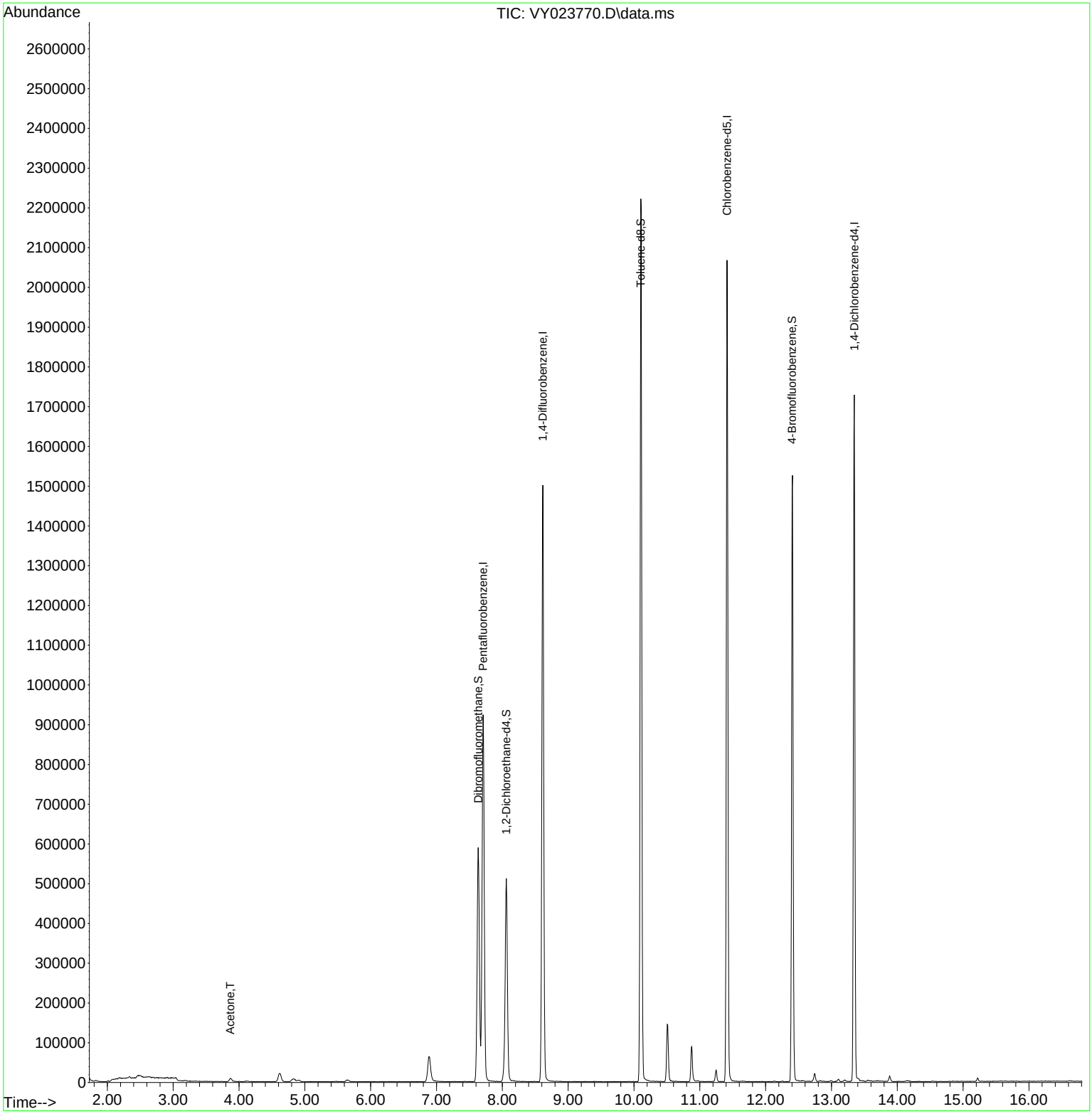
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	759606	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	1324033	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	1144655	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	465011	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	385139	59.439	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 118.880%			
35) Dibromofluoromethane	7.634	113	421681	50.963	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.920%			
50) Toluene-d8	10.103	98	1505208	48.835	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 97.660%			
62) 4-Bromofluorobenzene	12.402	95	449674	45.113	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 90.220%			
Target Compounds						Qvalue
16) Acetone	3.866	43	13136	8.156	ug/l	95

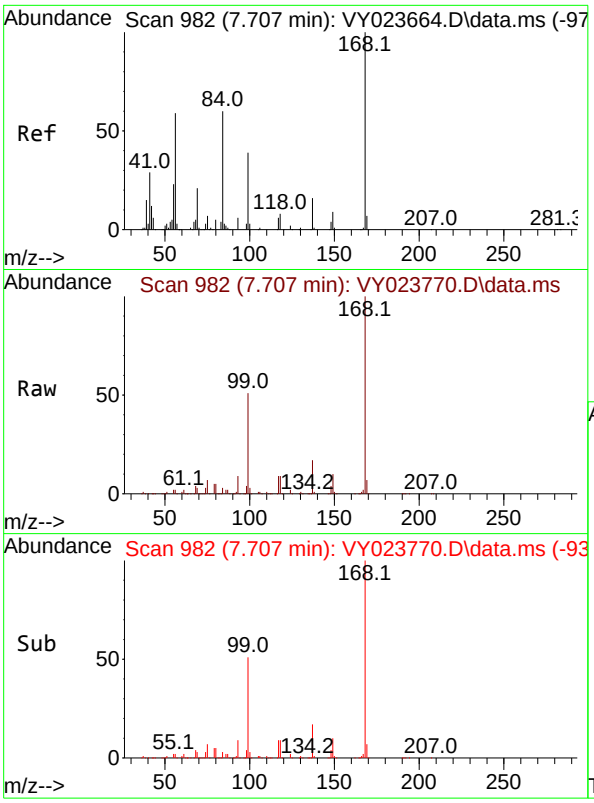
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111225\
Data File : VY023770.D
Acq On : 12 Nov 2025 17:42
Operator : SY/MD
Sample : Q3614-03
Misc : 5.42g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
COMP-3

Quant Time: Nov 14 03:41:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 05 04:41:50 2025
Response via : Initial Calibration



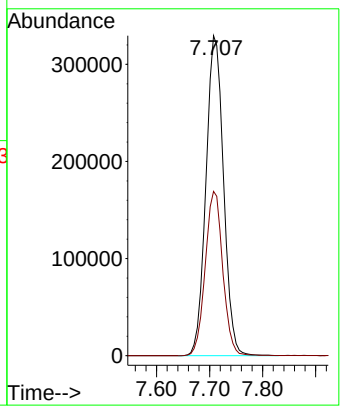


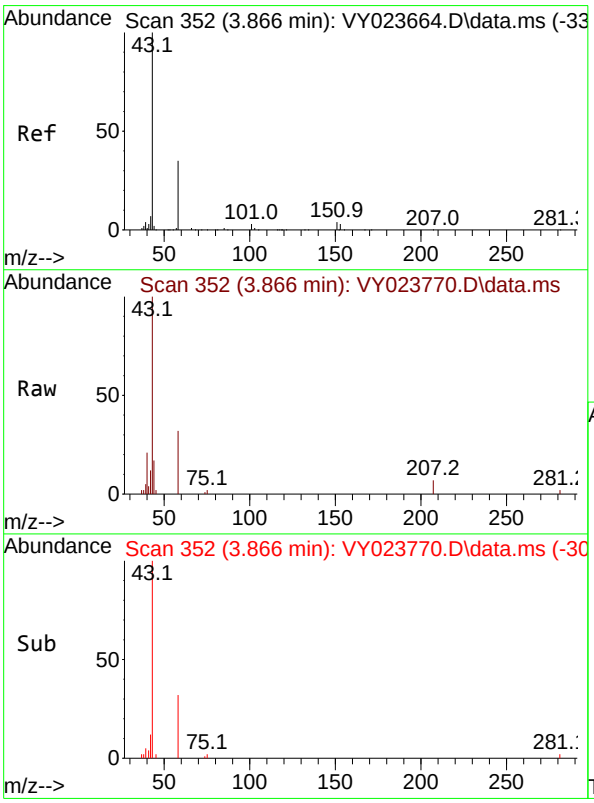
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY023770.D
Acq: 12 Nov 2025 17:42

Instrument :
MSVOA_Y
ClientSampleId :
COMP-3

Tgt Ion:168 Resp: 759606

Ion	Ratio	Lower	Upper
168	100		
99	51.3	41.0	61.4

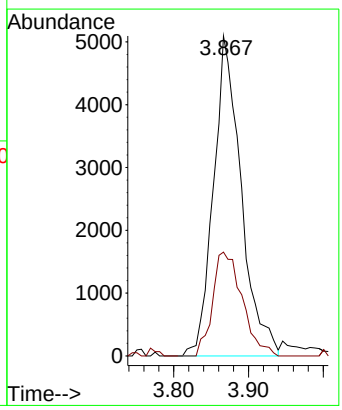


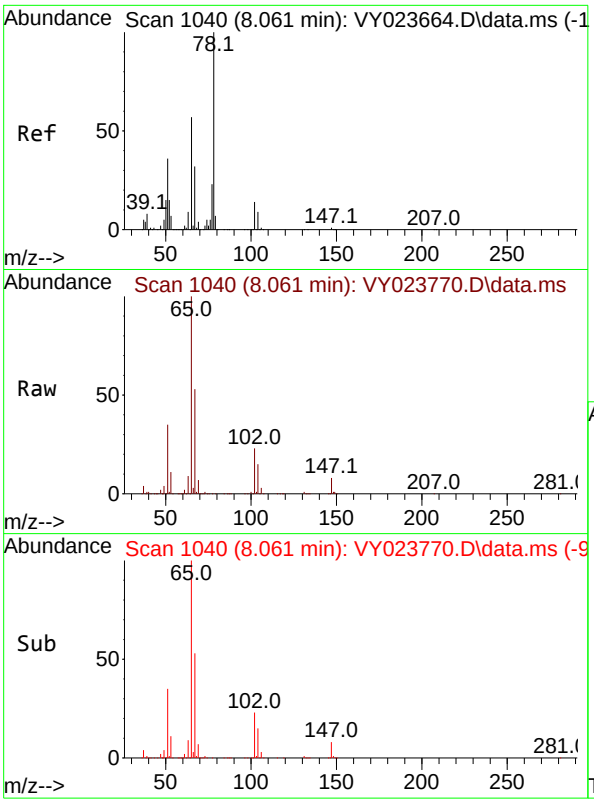


#16
Acetone
Concen: 8.156 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.000 min
Lab File: VY023770.D
Acq: 12 Nov 2025 17:42

Tgt Ion: 43 Resp: 13136

Ion	Ratio	Lower	Upper
43	100		
58	32.5	28.2	42.4



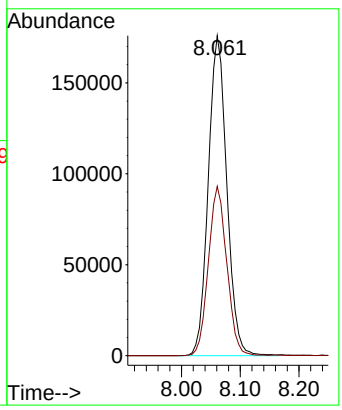


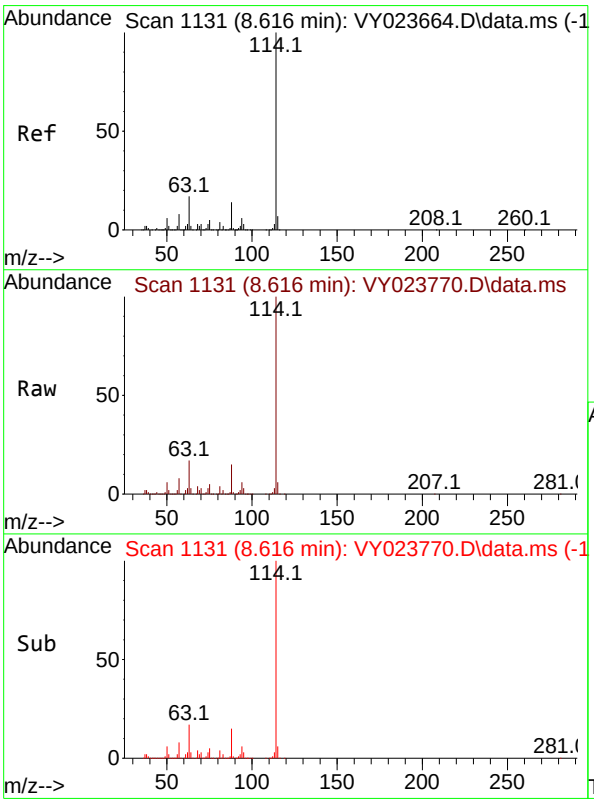
#33
1,2-Dichloroethane-d4
Concen: 59.439 ug/l
RT: 8.061 min Scan# 1(
Delta R.T. 0.000 min
Lab File: VY023770.D
Acq: 12 Nov 2025 17:42

Instrument :
MSVOA_Y
ClientSampleId :
COMP-3

Tgt Ion: 65 Resp: 385139

Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	107.4

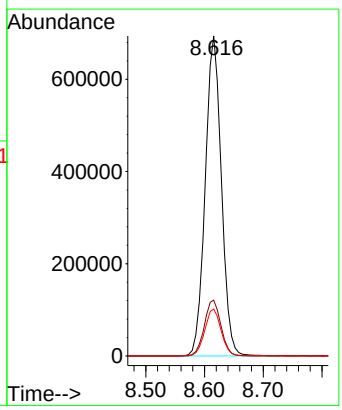


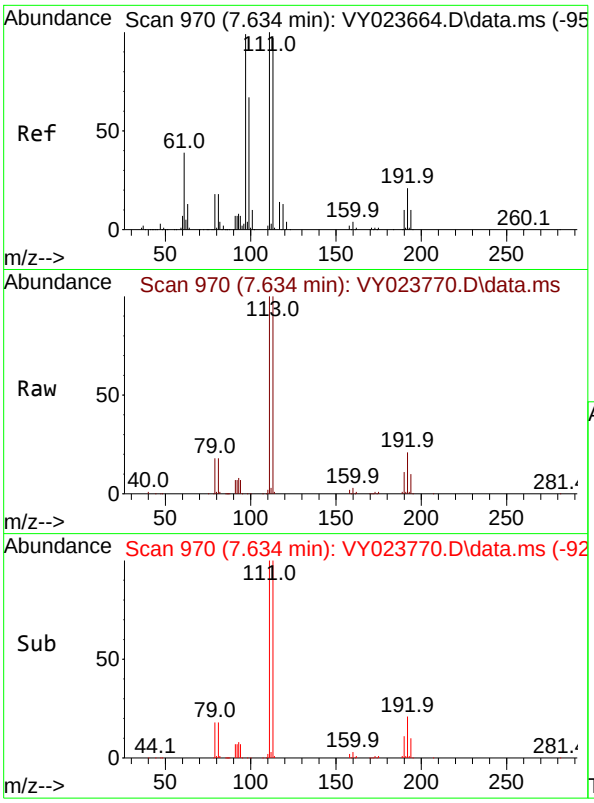


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY023770.D
Acq: 12 Nov 2025 17:42

Tgt Ion:114 Resp: 1324033

Ion	Ratio	Lower	Upper
114	100		
63	17.5	0.0	33.8
88	14.7	0.0	29.0



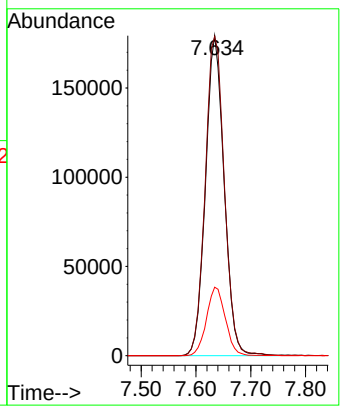


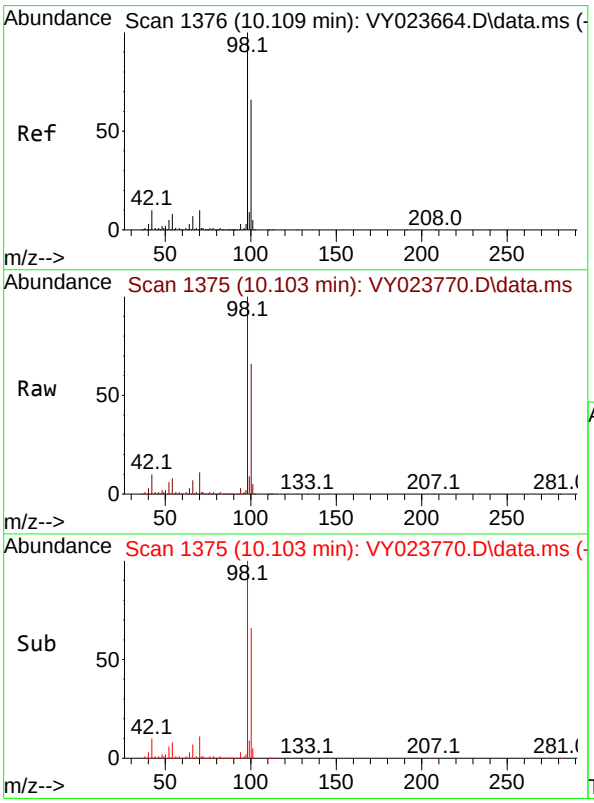
#35
Dibromofluoromethane
Concen: 50.963 ug/l
RT: 7.634 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY023770.D
Acq: 12 Nov 2025 17:42

Instrument :
MSVOA_Y
ClientSampleId :
COMP-3

Tgt Ion:113 Resp: 421681

Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.2	123.4
192	21.7	17.3	25.9

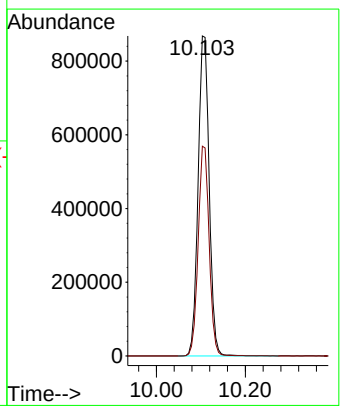


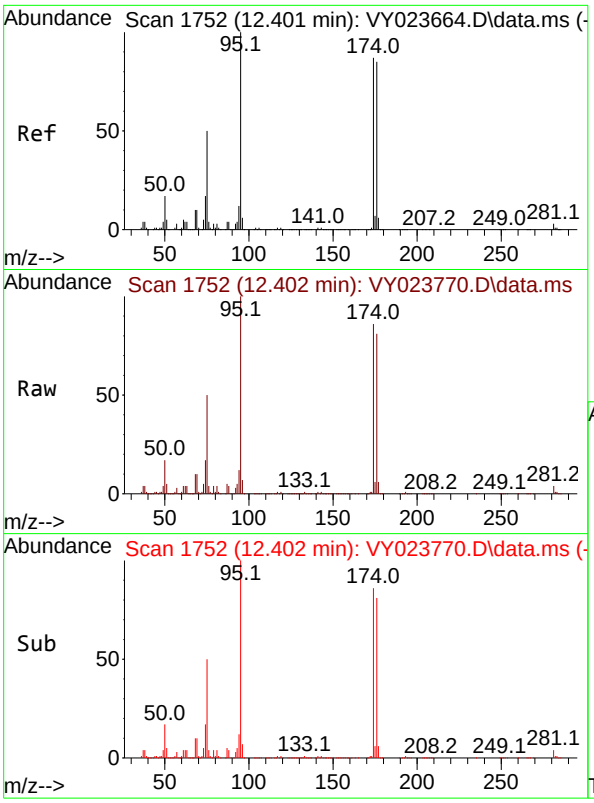


#50
Toluene-d8
Concen: 48.835 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY023770.D
Acq: 12 Nov 2025 17:42

Tgt Ion: 98 Resp: 1505208

Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.7	79.1



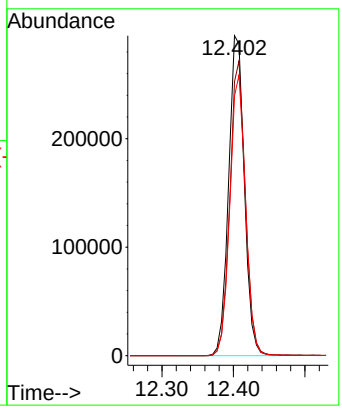


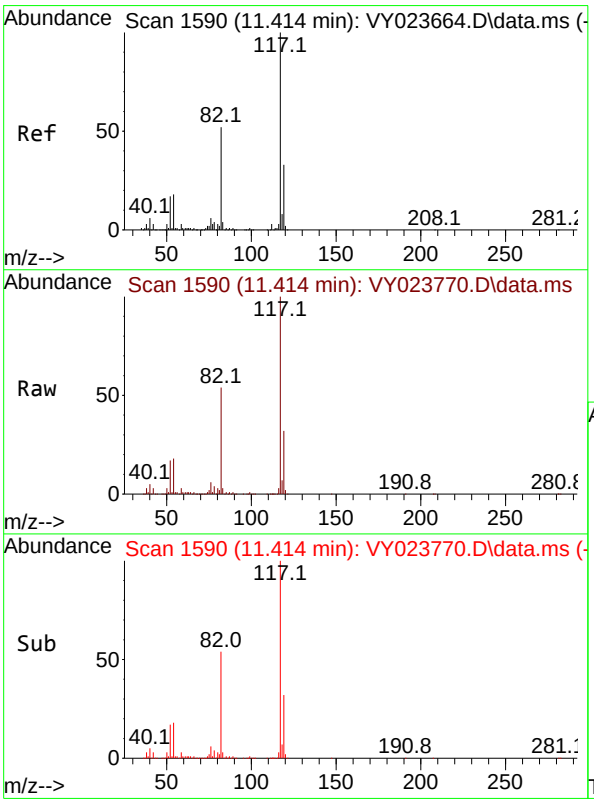
#62
4-Bromofluorobenzene
Concen: 45.113 ug/l
RT: 12.402 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023770.D
Acq: 12 Nov 2025 17:42

Instrument :
MSVOA_Y
ClientSampleId :
COMP-3

Tgt Ion: 95 Resp: 449674

Ion	Ratio	Lower	Upper
95	100		
174	91.3	0.0	184.8
176	87.9	0.0	181.6

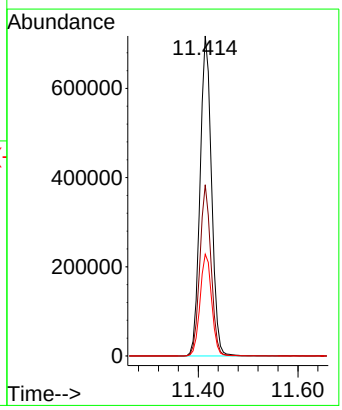


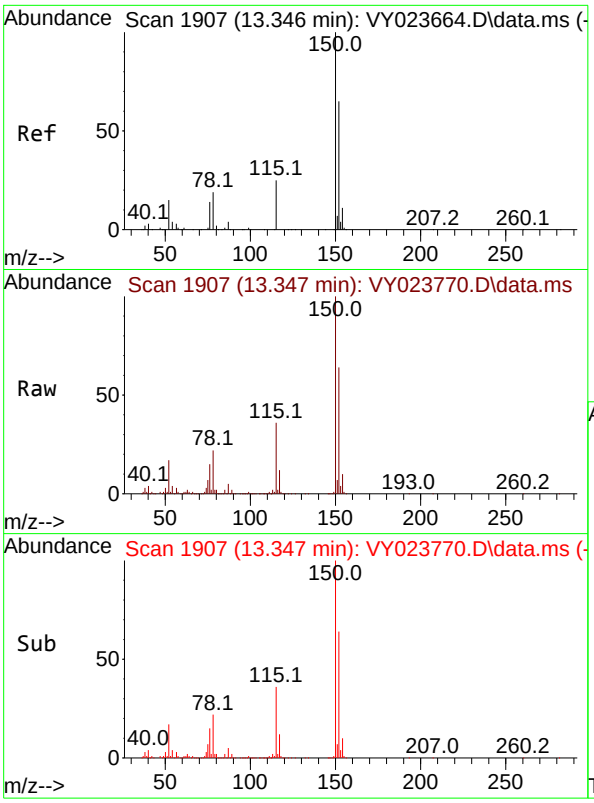


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY023770.D
Acq: 12 Nov 2025 17:42

Tgt Ion:117 Resp: 1144655

Ion	Ratio	Lower	Upper
117	100		
82	53.5	41.2	61.8
119	31.8	26.2	39.2



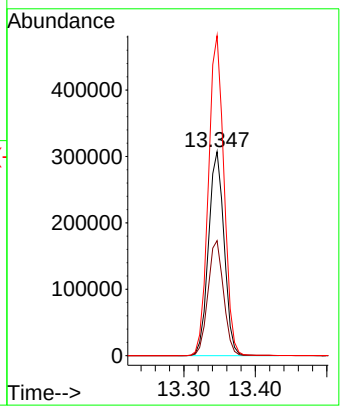


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023770.D
Acq: 12 Nov 2025 17:42

Instrument :
MSVOA_Y
ClientSampleId :
COMP-3

Tgt Ion:152 Resp: 465011

Ion	Ratio	Lower	Upper
152	100		
115	56.3	27.5	82.5
150	156.8	0.0	349.0



CALIBRATION SUMMARY

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: POWE02

Lab Code: ACE SDG No.: Q3614

Instrument ID: MSVOA_Y Calibration Date(s): 11/04/2025 11/04/2025

Heated Purge: (Y/N) Y Calibration Time(s): 09:19 11:27

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

LAB FILE ID: RRF005 = VY023661.D RRF010 = VY023662.D RRF020 = VY023663.D
RRF050 = VY023664.D RRF100 = VY023665.D RRF150 = VY023666.D

COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
cis-1,2-Dichloroethene	0.571	0.582	0.574	0.560	0.599	0.564	0.575	2.4
1,1,1-Trichloroethane	0.852	0.833	0.820	0.769	0.803	0.753	0.805	4.7
Benzene	1.323	1.322	1.355	1.287	1.345	1.265	1.316	2.6
Trichloroethene	0.398	0.383	0.387	0.366	0.377	0.358	0.378	3.8
Toluene	0.761	0.813	0.874	0.854	0.898	0.842	0.840	5.7
Ethyl Benzene	1.589	1.661	1.787	1.807	1.908	1.819	1.762	6.6
m/p-Xylenes	0.618	0.671	0.722	0.727	0.757	0.727	0.704	7.1
o-Xylene	0.562	0.600	0.659	0.674	0.717	0.691	0.651	9
Isopropylbenzene	2.940	3.203	3.298	3.461	3.641	3.521	3.344	7.6
1,2-Dichloroethane-d4	0.468	0.425	0.426	0.407	0.425	0.407	0.427	5.3
Dibromofluoromethane	0.312	0.316	0.312	0.310	0.318	0.308	0.312	1.2
Toluene-d8	1.109	1.148	1.155	1.189	1.224	1.159	1.164	3.3
4-Bromofluorobenzene	0.354	0.354	0.379	0.388	0.400	0.385	0.376	5

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

Response Factor Report GCVOA_Y

Method Path : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\
Method File : 82Y110425S.M
Title : SW846 8260
Last Update : Wed Nov 05 04:41:50 2025
Response Via : Initial Calibration

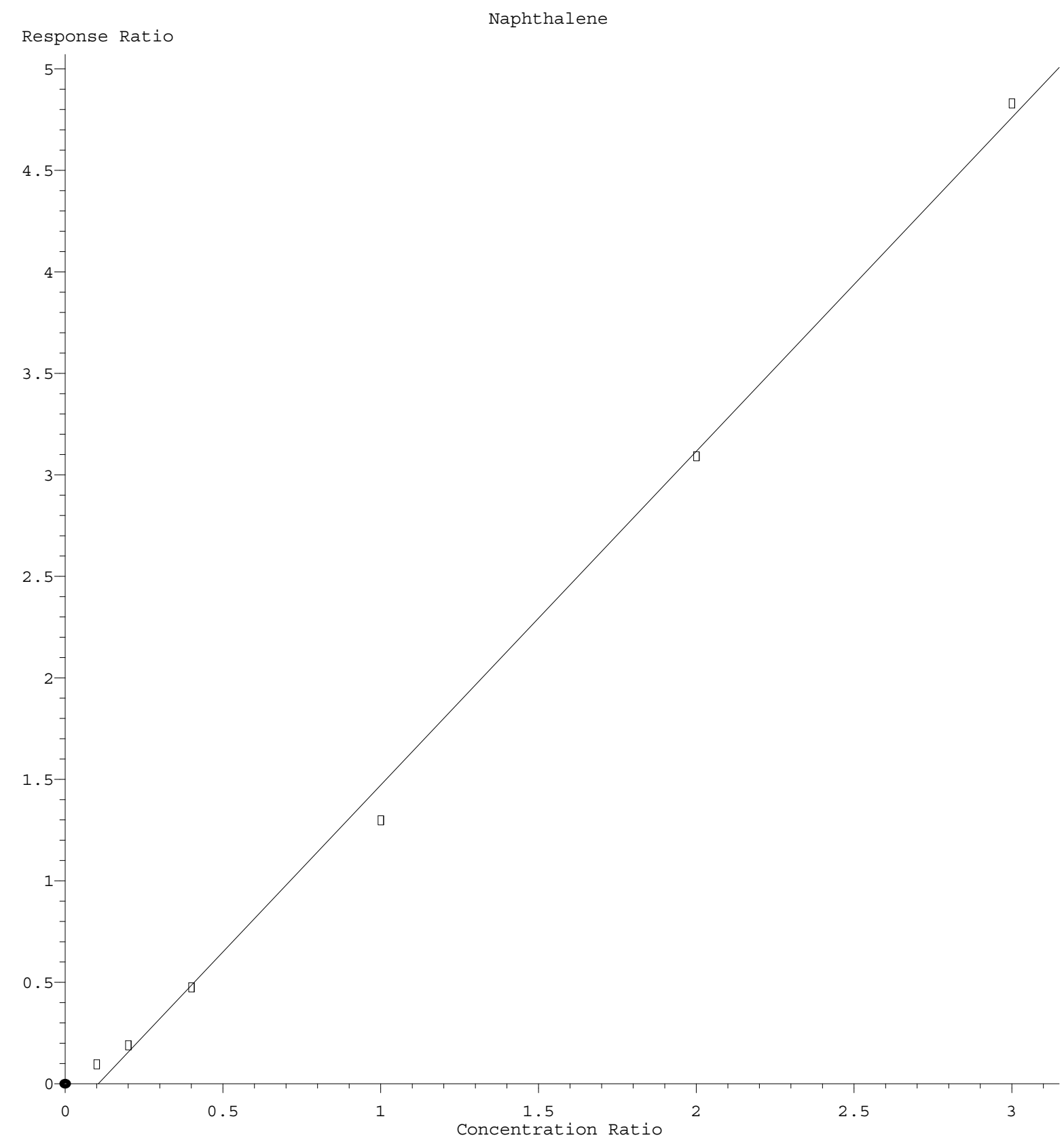
Calibration Files
5 =VY023661.D 10 =VY023662.D 20 =VY023663.D 50 =VY023664.D 100 =VY023665.D 150 =VY023666.D

		Compound	5	10	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.391	0.380	0.373	0.275	0.284	0.266	0.328	17.90
3)	P	Chloromethane	0.537	0.510	0.489	0.413	0.424	0.382	0.459	13.38
4)	C	Vinyl Chloride	0.680	0.662	0.633	0.547	0.556	0.508	0.598	11.68#
5)	T	Bromomethane	0.587	0.555	0.530	0.443	0.464	0.437	0.503	12.53
6)	T	Chloroethane	0.458	0.455	0.432	0.386	0.393	0.354	0.413	10.08
7)	T	Trichlorofluor...	0.937	0.908	0.887	0.780	0.782	0.756	0.842	9.25
8)	T	Diethyl Ether	0.232	0.228	0.232	0.212	0.230	0.219	0.226	3.58
9)	T	1,1,2-Trichlor...	0.519	0.506	0.471	0.433	0.439	0.414	0.464	9.09
10)	T	Methyl Iodide	0.491	0.546	0.558	0.573	0.585	0.533	0.548	6.10
11)	T	Tert butyl alc...	0.035	0.027	0.027	0.023	0.026	0.027	0.028	15.05
12)	CM	1,1-Dichloroet...	0.476	0.462	0.462	0.421	0.441	0.419	0.447	5.23#
13)	T	Acrolein	0.041	0.036	0.039	0.030	0.034	0.033	0.035	12.04
14)	T	Allyl chloride	0.530	0.534	0.549	0.527	0.577	0.545	0.544	3.38
15)	T	Acrylonitrile	0.087	0.079	0.090	0.081	0.092	0.089	0.086	5.76
16)	T	Acetone	0.115	0.106	0.115	0.094	0.105	0.102	0.106	7.41
17)	T	Carbon Disulfide	1.479	1.468	1.424	1.288	1.330	1.237	1.371	7.32
18)	T	Methyl Acetate	0.221	0.206	0.292	0.210	0.256	0.218	0.234	14.40
19)	T	Methyl tert-bu...	0.980	0.945	1.059	1.008	1.132	1.091	1.036	6.81
20)	T	Methylene Chlo...	0.652	0.532	0.515	0.460	0.476	0.436	0.512	15.09
21)	T	trans-1,2-Dich...	0.512	0.515	0.519	0.487	0.510	0.479	0.504	3.29
22)	T	Diisopropyl ether	1.097	1.167	1.263	1.222	1.305	1.215	1.212	6.04
23)	T	Vinyl Acetate	0.585	0.589	0.631	0.652	0.716	0.706	0.647	8.69
24)	P	1,1-Dichloroet...	0.855	0.818	0.822	0.775	0.813	0.760	0.807	4.27
25)	T	2-Butanone	0.128	0.113	0.130	0.111	0.127	0.127	0.123	6.79
26)	T	2,2-Dichloropr...	0.799	0.758	0.742	0.709	0.739	0.708	0.742	4.56
27)	T	cis-1,2-Dichlo...	0.571	0.582	0.574	0.560	0.599	0.564	0.575	2.42
28)	T	Bromochloromet...	0.317	0.329	0.329	0.290	0.311	0.279	0.309	6.68
29)	T	Tetrahydrofuran	0.061	0.059	0.068	0.062	0.072	0.070	0.065	8.58
30)	C	Chloroform	0.957	0.934	0.919	0.863	0.898	0.833	0.901	5.14#
31)	T	Cyclohexane	0.789	0.719	0.692	0.662	0.695	0.660	0.703	6.77
32)	T	1,1,1-Trichlor...	0.852	0.833	0.820	0.769	0.803	0.753	0.805	4.72
33)	S	1,2-Dichloroet...	0.468	0.425	0.426	0.407	0.425	0.407	0.427	5.27
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...	0.312	0.316	0.312	0.310	0.318	0.308	0.312	1.23
36)	T	1,1-Dichloropr...	0.426	0.416	0.427	0.409	0.422	0.405	0.418	2.15
37)	T	Ethyl Acetate	0.158	0.151	0.161	0.155	0.173	0.172	0.162	5.64
38)	T	Carbon Tetrach...	0.516	0.491	0.501	0.477	0.494	0.473	0.492	3.21
39)	T	Methylcyclohexane	0.499	0.495	0.536	0.539	0.569	0.563	0.534	5.79
40)	TM	Benzene	1.323	1.322	1.355	1.287	1.345	1.265	1.316	2.60
41)	T	Methacrylonitrile	0.083	0.079	0.086	0.084	0.098	0.100	0.088	9.67
42)	TM	1,2-Dichloroet...	0.343	0.331	0.344	0.321	0.339	0.320	0.333	3.29
43)	T	Isopropyl Acetate	0.280	0.267	0.306	0.295	0.336	0.338	0.304	9.59
44)	TM	Trichloroethene	0.398	0.383	0.387	0.366	0.377	0.358	0.378	3.81
45)	C	1,2-Dichloropr...	0.294	0.285	0.300	0.284	0.297	0.283	0.290	2.56#
46)	T	Dibromomethane	0.183	0.172	0.191	0.173	0.185	0.176	0.180	4.19
47)	T	Bromodichlorom...	0.456	0.442	0.471	0.444	0.469	0.441	0.454	3.01
48)	T	Methyl methacr...	0.119	0.117	0.146	0.146	0.165	0.169	0.143	15.27
49)	T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.002	0.002	0.002	8.93
50)	S	Toluene-d8	1.109	1.148	1.155	1.189	1.224	1.159	1.164	3.34
51)	T	4-Methyl-2-Pen...	0.143	0.136	0.170	0.158	0.181	0.180	0.162	11.80
52)	CM	Toluene	0.761	0.813	0.874	0.854	0.898	0.842	0.840	5.74#
53)	T	t-1,3-Dichloro...	0.346	0.349	0.389	0.387	0.426	0.407	0.384	8.18
54)	T	cis-1,3-Dichlo...	0.419	0.434	0.475	0.463	0.495	0.474	0.460	6.13
55)	T	1,1,2-Trichlor...	0.244	0.230	0.250	0.234	0.249	0.236	0.241	3.46
56)	T	Ethyl methacry...	0.208	0.204	0.261	0.276	0.318	0.323	0.265	19.45

Method Path : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\
Method File : 82Y110425S.M

57)	T	1,3-Dichloropr...	0.375	0.363	0.401	0.376	0.399	0.376	0.381	3.94
58)	T	2-Chloroethyl ...	0.094	0.097	0.119	0.127	0.146	0.146	0.122	18.71
59)	T	2-Hexanone	0.101	0.099	0.127	0.114	0.132	0.133	0.118	12.88
60)	T	Dibromochlorom...	0.325	0.314	0.342	0.326	0.347	0.329	0.330	3.67
61)	T	1,2-Dibromoethane	0.221	0.208	0.240	0.222	0.238	0.226	0.226	5.28
62)	S	4-Bromofluorob...	0.354	0.354	0.379	0.388	0.400	0.385	0.376	5.04
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.554	0.549	0.545	0.512	0.500	0.462	0.520	6.87
65)	PM	Chlorobenzene	1.096	1.095	1.109	1.067	1.107	1.057	1.088	1.97
66)	T	1,1,1,2-Tetrac...	0.396	0.380	0.387	0.377	0.394	0.376	0.385	2.25
67)	C	Ethyl Benzene	1.589	1.661	1.787	1.807	1.908	1.819	1.762	6.59#
68)	T	m/p-Xylenes	0.618	0.671	0.722	0.727	0.757	0.727	0.704	7.13
69)	T	o-Xylene	0.562	0.600	0.659	0.674	0.717	0.691	0.651	9.02
70)	T	Styrene	0.903	0.979	1.110	1.121	1.184	1.145	1.074	10.12
71)	P	Bromoform	0.222	0.209	0.230	0.219	0.238	0.231	0.225	4.47
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	2.940	3.203	3.298	3.461	3.641	3.521	3.344	7.55
74)	T	N-amyl acetate	0.455	0.481	0.523	0.577	0.663	0.698	0.566	17.36
75)	P	1,1,2,2-Tetrac...	0.553	0.494	0.522	0.503	0.569	0.564	0.534	6.05
76)	T	1,2,3-Trichlor...	0.403	0.453	0.410	0.373	0.397	0.391	0.405	6.62
77)	T	Bromobenzene	0.837	0.855	0.850	0.862	0.915	0.885	0.867	3.25
78)	T	n-propylbenzene	3.526	3.781	3.927	4.085	4.205	4.076	3.933	6.30
79)	T	2-Chlorotoluene	2.100	2.244	2.288	2.325	2.407	2.332	2.283	4.58
80)	T	1,3,5-Trimethy...	2.330	2.604	2.734	2.834	2.943	2.857	2.717	8.18
81)	T	trans-1,4-Dich...	0.173	0.169	0.172	0.172	0.192	0.196	0.179	6.63
82)	T	4-Chlorotoluene	2.193	2.325	2.382	2.387	2.455	2.383	2.354	3.79
83)	T	tert-Butylbenzene	2.172	2.326	2.402	2.558	2.717	2.674	2.475	8.56
84)	T	1,2,4-Trimethy...	2.248	2.601	2.701	2.819	2.931	2.846	2.691	9.13
85)	T	sec-Butylbenzene	3.176	3.473	3.539	3.675	3.830	3.722	3.569	6.47
86)	T	p-Isopropyltol...	2.577	2.830	3.007	3.166	3.291	3.258	3.022	9.17
87)	T	1,3-Dichlorobe...	1.680	1.703	1.714	1.694	1.744	1.709	1.707	1.28
88)	T	1,4-Dichlorobe...	1.752	1.685	1.666	1.652	1.679	1.630	1.677	2.49
89)	T	n-Butylbenzene	2.293	2.441	2.557	2.752	2.877	2.844	2.627	8.95
90)	T	Hexachloroethane	0.657	0.656	0.632	0.639	0.664	0.648	0.649	1.85
91)	T	1,2-Dichlorobe...	1.468	1.467	1.488	1.454	1.494	1.457	1.471	1.12
92)	T	1,2-Dibromo-3-...	0.085	0.076	0.083	0.076	0.086	0.086	0.082	5.72
93)	T	1,2,4-Trichlor...	0.738	0.747	0.835	0.853	0.933	0.944	0.842	10.46
94)	T	Hexachlorobuta...	0.561	0.551	0.538	0.552	0.560	0.546	0.551	1.58
95)	T	Naphthalene	0.956	0.948	1.187	1.298	1.546	1.610	1.257	22.51
96)	T	1,2,3-Trichlor...	0.619	0.611	0.698	0.717	0.782	0.791	0.703	10.93

(#) = Out of Range



Response = 1.644e+000 * Amt - 1.730e-001
Coef of Det (r^2) = 0.997394 Curve Fit: Linear
Method Name: Z:\voasrv\HPCHEM1\MSVOA Y\methods\82Y110425S.M
Calibration Table Last Updated: Wed Nov 05 04:41:50 2025

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110425\
Data File : VY023661.D
Acq On : 04 Nov 2025 09:19
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 :Amit Patel 11/05/2025
Supervised By :Mahesh Dadoda 11/05/2025

Quant Time: Nov 05 04:24:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 05 04:24:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	510707	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	780075	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	667589	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	326953	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	23922	5.491	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 10.980%#			
35) Dibromofluoromethane	7.640	113	24311	4.987	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 9.980%#			
50) Toluene-d8	10.109	98	86542	4.766	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 9.540%#			
62) 4-Bromofluorobenzene	12.402	95	27590	4.698	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 9.400%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	19990	5.963	ug/l	97
3) Chloromethane	2.074	50	27439	5.849	ug/l	91
4) Vinyl Chloride	2.208	62	34731	5.689	ug/l	99
5) Bromomethane	2.599	94	29962	5.835	ug/l	98
6) Chloroethane	2.739	64	23388	5.543	ug/l	97
7) Trichlorofluoromethane	3.062	101	47868	5.568	ug/l	95
8) Diethyl Ether	3.464	74	11851	5.140	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.824	101	26531	5.601	ug/l	99
10) Methyl Iodide	4.007	142	25054	4.479	ug/l	99
11) Tert butyl alcohol	4.860	59	9027	32.136	ug/l #	74
12) 1,1-Dichloroethene	3.800	96	24289	5.323	ug/l	89
13) Acrolein	3.653	56	10439	28.913	ug/l	98
14) Allyl chloride	4.385	41	27044	4.869	ug/l	99
15) Acrylonitrile	5.068	53	22096	25.078	ug/l	100
16) Acetone	3.867	43	29389	27.140	ug/l	89
17) Carbon Disulfide	4.110	76	75554	5.395	ug/l	96
18) Methyl Acetate	4.391	43	11286	4.725	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	50027	4.728	ug/l	97
20) Methylene Chloride	4.623	84	33305	6.371	ug/l	93
21) trans-1,2-Dichloroethene	5.116	96	26157	5.084	ug/l	96
22) Diisopropyl ether	6.025	45	56019	4.527	ug/l	95
23) Vinyl Acetate	5.970	43	149457	22.631	ug/l	97
24) 1,1-Dichloroethane	5.915	63	43679	5.298	ug/l	99
25) 2-Butanone	6.897	43	32720	26.134	ug/l	93
26) 2,2-Dichloropropane	6.884	77	40803	5.380	ug/l	98
27) cis-1,2-Dichloroethene	6.897	96	29179	4.966	ug/l	98
28) Bromochloromethane	7.250	49	16184	5.127	ug/l	96
29) Tetrahydrofuran	7.275	42	15473	23.206	ug/l	96
30) Chloroform	7.427	83	48896	5.316	ug/l	93
31) Cyclohexane	7.707	56	40292	5.612	ug/l #	75
32) 1,1,1-Trichloroethane	7.616	97	43512	5.292	ug/l	100
36) 1,1-Dichloropropene	7.835	75	33214	5.099	ug/l	99
37) Ethyl Acetate	6.994	43	12363	4.902	ug/l	96
38) Carbon Tetrachloride	7.823	117	40263	5.246	ug/l	99
39) Methylcyclohexane	9.110	83	38956	4.680	ug/l	95
40) Benzene	8.079	78	103199	5.026	ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110425\
Data File : VY023661.D
Acq On : 04 Nov 2025 09:19
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 :Amit Patel 11/05/2025
Supervised By :Mahesh Dadoda 11/05/2025

Quant Time: Nov 05 04:24:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 05 04:24:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.232	41	6457	4.800	ug/l	#	72
42) 1,2-Dichloroethane	8.159	62	26761	5.151	ug/l		99
43) Isopropyl Acetate	8.195	43	21814	4.604	ug/l		96
44) Trichloroethene	8.866	130	31010	5.258	ug/l		88
45) 1,2-Dichloropropane	9.140	63	22961	5.067	ug/l		93
46) Dibromomethane	9.238	93	14269	5.082	ug/l		99
47) Bromodichloromethane	9.427	83	35539	5.020	ug/l		95
48) Methyl methacrylate	9.225	41	9263	4.138	ug/l		94
49) 1,4-Dioxane	9.225	88	2794	97.232	ug/l	#	87
51) 4-Methyl-2-Pentanone	10.000	43	55920	22.192	ug/l		96
52) Toluene	10.170	92	59389	4.530	ug/l		95
53) t-1,3-Dichloropropene	10.396	75	27017	4.510	ug/l		93
54) cis-1,3-Dichloropropene	9.859	75	32719	4.559	ug/l		96
55) 1,1,2-Trichloroethane	10.573	97	19045	5.075	ug/l		98
56) Ethyl methacrylate	10.439	69	16257	3.932	ug/l		95
57) 1,3-Dichloropropane	10.719	76	29234	4.912	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.713	63	36528	19.254	ug/l		100
59) 2-Hexanone	10.762	43	39473	21.472	ug/l		95
60) Dibromochloromethane	10.908	129	25371	4.921	ug/l		98
61) 1,2-Dibromoethane	11.018	107	17256	4.900	ug/l		99
64) Tetrachloroethene	10.646	164	36969	5.320	ug/l		98
65) Chlorobenzene	11.438	112	73160	5.034	ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.518	131	26429	5.143	ug/l		99
67) Ethyl Benzene	11.518	91	106047	4.508	ug/l		99
68) m/p-Xylenes	11.627	106	82562	8.785	ug/l		99
69) o-Xylene	11.951	106	37501	4.317	ug/l		98
70) Styrene	11.969	104	60258	4.204	ug/l		99
71) Bromoform	12.133	173	14838	4.944	ug/l	#	99
73) Isopropylbenzene	12.255	105	96120	4.396	ug/l		99
74) N-amyl acetate	12.066	43	14878	4.019	ug/l		95
75) 1,1,2,2-Tetrachloroethane	12.505	83	18096	5.181	ug/l		99
76) 1,2,3-Trichloropropane	12.554	75	13170m	4.977	ug/l		
77) Bromobenzene	12.530	156	27375	4.826	ug/l		96
78) n-propylbenzene	12.591	91	115286	4.482	ug/l		99
79) 2-Chlorotoluene	12.676	91	68648	4.599	ug/l		96
80) 1,3,5-Trimethylbenzene	12.737	105	76176	4.288	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.304	75	5654	4.829	ug/l		95
82) 4-Chlorotoluene	12.774	91	71686	4.657	ug/l		98
83) tert-Butylbenzene	12.993	119	70998	4.388	ug/l		98
84) 1,2,4-Trimethylbenzene	13.042	105	73513	4.177	ug/l		99
85) sec-Butylbenzene	13.176	105	103852	4.450	ug/l		99
86) p-Isopropyltoluene	13.292	119	84269	4.265	ug/l		100
87) 1,3-Dichlorobenzene	13.286	146	54916	4.919	ug/l		99
88) 1,4-Dichlorobenzene	13.365	146	57281	5.223	ug/l		95
89) n-Butylbenzene	13.615	91	74974	4.364	ug/l		99
90) Hexachloroethane	13.877	117	21483	5.060	ug/l		99
91) 1,2-Dichlorobenzene	13.658	146	47997	4.989	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	2763	5.138	ug/l		90
93) 1,2,4-Trichlorobenzene	14.919	180	24126	4.384	ug/l		98
94) Hexachlorobutadiene	15.023	225	18339	5.086	ug/l		98
95) Naphthalene	15.145	128	31252	8.168	ug/l		99
96) 1,2,3-Trichlorobenzene	15.328	180	20253	4.405	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110425\
Data File : VY023661.D
Acq On : 04 Nov 2025 09:19
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 :Amit Patel 11/05/2025
Supervised By :Mahesh Dadoda 11/05/2025

Quant Time: Nov 05 04:24:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 05 04:24:21 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

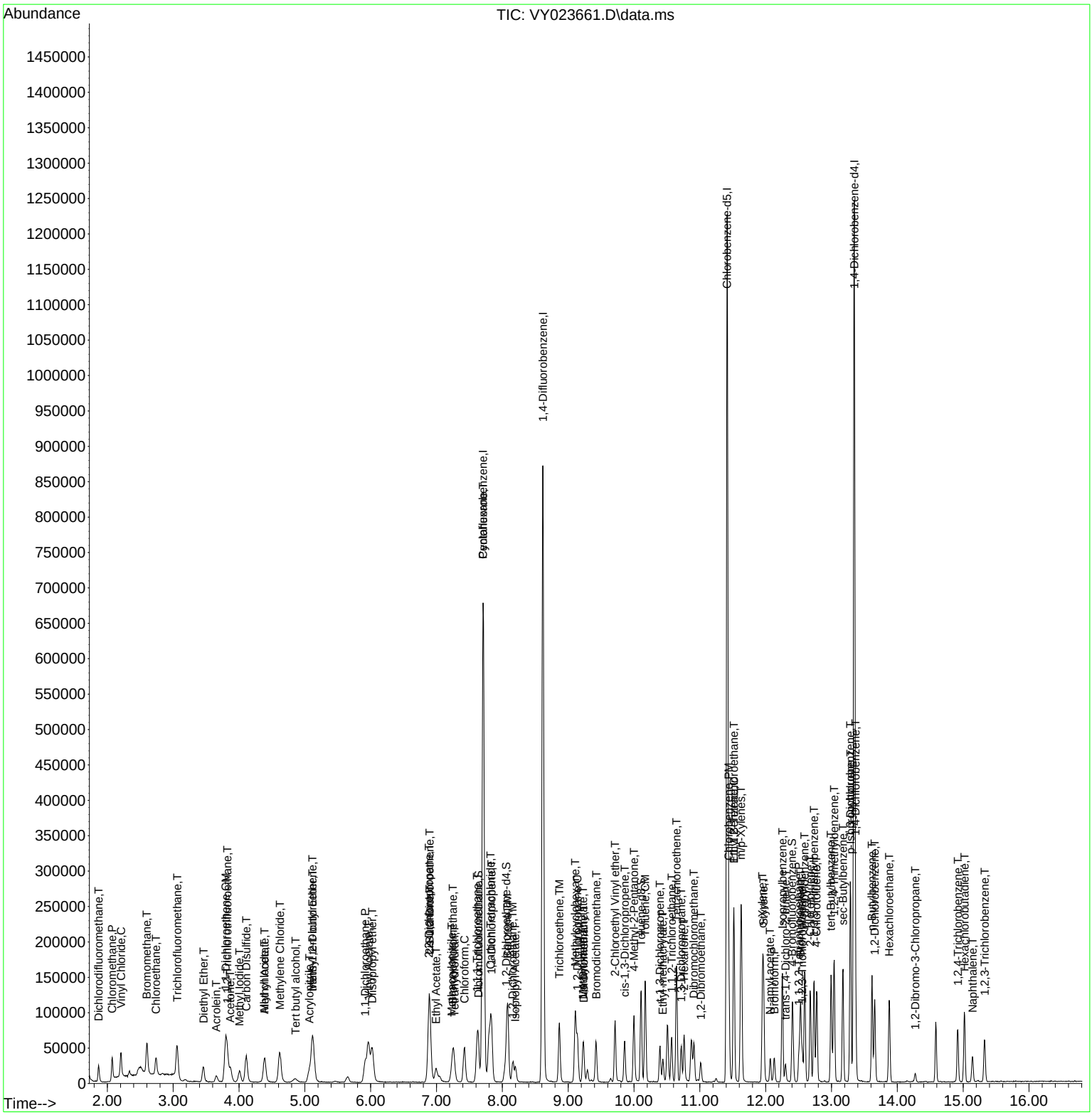
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110425\
Data File : VY023661.D
Acq On : 04 Nov 2025 09:19
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 05 04:24:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 05 04:24:21 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/05/2025
Supervised By :Mahesh Dadoda 11/05/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110425\
Data File : VY023662.D
Acq On : 04 Nov 2025 09:42
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 :Amit Patel 11/05/2025
Supervised By :Mahesh Dadoda 11/05/2025

Quant Time: Nov 05 04:26:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 05 04:24:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	529353	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	803774	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.413	117	690563	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	340245	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	45020	9.970	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 19.940%#			
35) Dibromofluoromethane	7.640	113	50749	10.103	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 20.200%#			
50) Toluene-d8	10.109	98	184529	9.862	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 19.720%#			
62) 4-Bromofluorobenzene	12.401	95	56847	9.395	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 18.780%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.866	85	40187	11.565	ug/l	97
3) Chloromethane	2.074	50	54024	11.110	ug/l	100
4) Vinyl Chloride	2.208	62	70038	11.069	ug/l	98
5) Bromomethane	2.598	94	58773	11.043	ug/l	94
6) Chloroethane	2.738	64	48132	11.006	ug/l	100
7) Trichlorofluoromethane	3.055	101	96161	10.791	ug/l	100
8) Diethyl Ether	3.458	74	24107	10.088	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.817	101	53535	10.904	ug/l	99
10) Methyl Iodide	4.006	142	57829	9.974	ug/l	99
11) Tert butyl alcohol	4.866	59	14032	48.194	ug/l	97
12) 1,1-Dichloroethene	3.793	96	48878	10.335	ug/l	97
13) Acrolein	3.653	56	19002	50.776	ug/l	97
14) Allyl chloride	4.390	41	56587	9.830	ug/l	99
15) Acrylonitrile	5.067	53	42033	46.026	ug/l	98
16) Acetone	3.872	43	55971	49.867	ug/l	99
17) Carbon Disulfide	4.110	76	155402	10.705	ug/l	100
18) Methyl Acetate	4.390	43	21794	8.803	ug/l	95
19) Methyl tert-butyl Ether	5.122	73	100086	9.126	ug/l	92
20) Methylene Chloride	4.622	84	56341	10.398	ug/l	95
21) trans-1,2-Dichloroethene	5.122	96	54511	10.222	ug/l	97
22) Diisopropyl ether	6.018	45	123533	9.630	ug/l #	90
23) Vinyl Acetate	5.963	43	311609	45.522	ug/l	98
24) 1,1-Dichloroethane	5.921	63	86555	10.129	ug/l	97
25) 2-Butanone	6.896	43	59816	46.094	ug/l	99
26) 2,2-Dichloropropane	6.890	77	80230	10.207	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	61638	10.120	ug/l	99
28) Bromochloromethane	7.250	49	34809	10.638	ug/l	94
29) Tetrahydrofuran	7.274	42	31053	44.932	ug/l	96
30) Chloroform	7.420	83	98898	10.373	ug/l	98
31) Cyclohexane	7.707	56	76145	10.232	ug/l #	89
32) 1,1,1-Trichloroethane	7.615	97	88141	10.343	ug/l	99
36) 1,1-Dichloropropene	7.841	75	66838	9.958	ug/l	100
37) Ethyl Acetate	6.987	43	24198	9.313	ug/l	98
38) Carbon Tetrachloride	7.817	117	78995	9.989	ug/l	97
39) Methylcyclohexane	9.109	83	79613	9.283	ug/l	95
40) Benzene	8.079	78	212456	10.042	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110425\
Data File : VY023662.D
Acq On : 04 Nov 2025 09:42
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 :Amit Patel 11/05/2025
Supervised By :Mahesh Dadoda 11/05/2025

Quant Time: Nov 05 04:26:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 05 04:24:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.225	41	12643m	9.122	ug/l		
42) 1,2-Dichloroethane	8.158	62	53223	9.943	ug/l		98
43) Isopropyl Acetate	8.201	43	42964	8.800	ug/l		97
44) Trichloroethene	8.865	130	61596	10.136	ug/l		100
45) 1,2-Dichloropropane	9.139	63	45808	9.810	ug/l		95
46) Dibromomethane	9.231	93	27595	9.538	ug/l		99
47) Bromodichloromethane	9.426	83	71048	9.740	ug/l		96
48) Methyl methacrylate	9.225	41	18849	8.172	ug/l		95
49) 1,4-Dioxane	9.231	88	5062	170.965	ug/l		94
51) 4-Methyl-2-Pentanone	9.999	43	109221	42.067	ug/l		98
52) Toluene	10.170	92	130648	9.672	ug/l		99
53) t-1,3-Dichloropropene	10.395	75	56121	9.093	ug/l		99
54) cis-1,3-Dichloropropene	9.859	75	69773	9.436	ug/l		98
55) 1,1,2-Trichloroethane	10.572	97	37044	9.581	ug/l		94
56) Ethyl methacrylate	10.438	69	32716	7.680	ug/l		97
57) 1,3-Dichloropropane	10.718	76	58301	9.506	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.713	63	78241	40.025	ug/l		99
59) 2-Hexanone	10.761	43	79804	42.130	ug/l		95
60) Dibromochloromethane	10.914	129	50465	9.499	ug/l		100
61) 1,2-Dibromoethane	11.017	107	33380	9.199	ug/l		97
64) Tetrachloroethene	10.645	164	75769	10.541	ug/l		98
65) Chlorobenzene	11.444	112	151288	10.063	ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.517	131	52459	9.868	ug/l		97
67) Ethyl Benzene	11.517	91	229438	9.430	ug/l		100
68) m/p-Xylenes	11.627	106	185401	19.072	ug/l		100
69) o-Xylene	11.956	106	82846	9.219	ug/l		99
70) Styrene	11.968	104	135208	9.119	ug/l		99
71) Bromoform	12.133	173	28921	9.315	ug/l	#	99
73) Isopropylbenzene	12.255	105	217972	9.579	ug/l		99
74) N-amyl acetate	12.066	43	32719	8.492	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.505	83	33622	9.251	ug/l		96
76) 1,2,3-Trichloropropane	12.553	75	30827m	11.195	ug/l		
77) Bromobenzene	12.529	156	58175	9.855	ug/l		99
78) n-propylbenzene	12.596	91	257281	9.612	ug/l		100
79) 2-Chlorotoluene	12.675	91	152691	9.830	ug/l		99
80) 1,3,5-Trimethylbenzene	12.736	105	177222	9.585	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.304	75	11473	9.416	ug/l		95
82) 4-Chlorotoluene	12.773	91	158206	9.876	ug/l		100
83) tert-Butylbenzene	12.999	119	158294	9.400	ug/l		100
84) 1,2,4-Trimethylbenzene	13.041	105	177023	9.667	ug/l		100
85) sec-Butylbenzene	13.175	105	236332	9.730	ug/l		100
86) p-Isopropyltoluene	13.291	119	192560	9.365	ug/l		99
87) 1,3-Dichlorobenzene	13.285	146	115903	9.976	ug/l		100
88) 1,4-Dichlorobenzene	13.364	146	114652	10.046	ug/l		96
89) n-Butylbenzene	13.614	91	166099	9.290	ug/l		99
90) Hexachloroethane	13.876	117	44630	10.101	ug/l		100
91) 1,2-Dichlorobenzene	13.657	146	99858	9.974	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	5202	9.296	ug/l		95
93) 1,2,4-Trichlorobenzene	14.919	180	50808	8.872	ug/l		98
94) Hexachlorobutadiene	15.023	225	37521	9.999	ug/l		99
95) Naphthalene	15.144	128	64530	11.029	ug/l		99
96) 1,2,3-Trichlorobenzene	15.327	180	41611	8.697	ug/l		98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110425\
Data File : VY023662.D
Acq On : 04 Nov 2025 09:42
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 :Amit Patel 11/05/2025
Supervised By :Mahesh Dadoda 11/05/2025

Quant Time: Nov 05 04:26:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 05 04:24:21 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

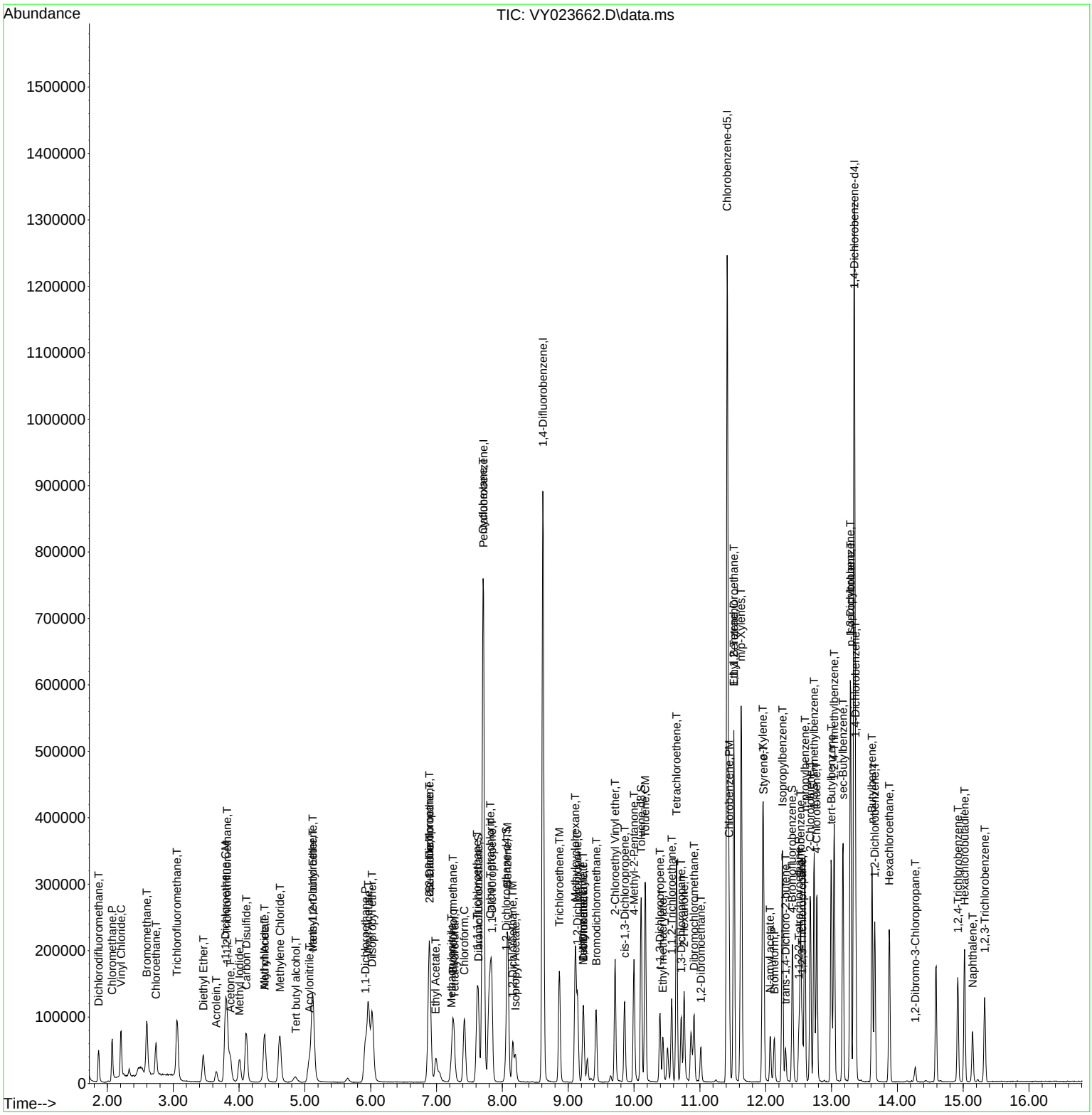
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110425\
Data File : VY023662.D
Acq On : 04 Nov 2025 09:42
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 05 04:26:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 05 04:24:21 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/05/2025
Supervised By :Mahesh Dadoda 11/05/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110425\
Data File : VY023663.D
Acq On : 04 Nov 2025 10:19
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 :Amit Patel 11/05/2025
Supervised By :Mahesh Dadoda 11/05/2025

Quant Time: Nov 05 04:27:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 05 04:24:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	545914	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	804973	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	707291	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	367397	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	93111	19.995	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	40.000%#		
35) Dibromofluoromethane	7.634	113	100472	19.972	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	39.940%#		
50) Toluene-d8	10.109	98	371763	19.839	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	39.680%#		
62) 4-Bromofluorobenzene	12.402	95	121943	20.122	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	40.240%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	81455	22.731	ug/l	100
3) Chloromethane	2.074	50	106778	21.293	ug/l	100
4) Vinyl Chloride	2.208	62	138125	21.168	ug/l	98
5) Bromomethane	2.592	94	115694	21.078	ug/l	98
6) Chloroethane	2.739	64	94359	20.922	ug/l	98
7) Trichlorofluoromethane	3.056	101	193612	21.067	ug/l	96
8) Diethyl Ether	3.452	74	50730	20.585	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.818	101	102772	20.297	ug/l	99
10) Methyl Iodide	4.007	142	121925	20.392	ug/l	100
11) Tert butyl alcohol	4.854	59	29518	98.306	ug/l	99
12) 1,1-Dichloroethene	3.787	96	100782	20.662	ug/l	98
13) Acrolein	3.653	56	42967	111.331	ug/l	99
14) Allyl chloride	4.385	41	119977	20.209	ug/l	100
15) Acrylonitrile	5.061	53	97947	103.998	ug/l	100
16) Acetone	3.873	43	125071	108.051	ug/l	96
17) Carbon Disulfide	4.104	76	310907	20.768	ug/l	100
18) Methyl Acetate	4.385	43	63810	24.993	ug/l	97
19) Methyl tert-butyl Ether	5.122	73	231292	20.450	ug/l	97
20) Methylene Chloride	4.616	84	112357	20.107	ug/l	98
21) trans-1,2-Dichloroethene	5.116	96	113402	20.620	ug/l	98
22) Diisopropyl ether	6.019	45	275900	20.856	ug/l	95
23) Vinyl Acetate	5.964	43	688746	97.564	ug/l	99
24) 1,1-Dichloroethane	5.915	63	179473	20.365	ug/l	99
25) 2-Butanone	6.896	43	141827	105.975	ug/l	97
26) 2,2-Dichloropropane	6.884	77	162022	19.986	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	125435	19.971	ug/l	99
28) Bromochloromethane	7.244	49	71844	21.291	ug/l	100
29) Tetrahydrofuran	7.262	42	74415	104.407	ug/l	97
30) Chloroform	7.421	83	200613	20.402	ug/l	98
31) Cyclohexane	7.707	56	151188	19.699	ug/l	89
32) 1,1,1-Trichloroethane	7.616	97	179118	20.382	ug/l	99
36) 1,1-Dichloropropene	7.841	75	137450	20.447	ug/l	99
37) Ethyl Acetate	6.988	43	51827	19.916	ug/l	98
38) Carbon Tetrachloride	7.817	117	161201	20.353	ug/l	99
39) Methylcyclohexane	9.109	83	172623	20.098	ug/l	98
40) Benzene	8.079	78	436191	20.586	ug/l	98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110425\
Data File : VY023663.D
Acq On : 04 Nov 2025 10:19
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 :Amit Patel 11/05/2025
Supervised By :Mahesh Dadoda 11/05/2025

Quant Time: Nov 05 04:27:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 05 04:24:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Methacrylonitrile	7.220	41	27760m	19.999 ug/l		
42) 1,2-Dichloroethane	8.158	62	110796	20.669 ug/l		100
43) Isopropyl Acetate	8.201	43	98512	20.148 ug/l		99
44) Trichloroethene	8.866	130	124567	20.468 ug/l		96
45) 1,2-Dichloropropane	9.140	63	96481	20.632 ug/l		98
46) Dibromomethane	9.231	93	61391	21.188 ug/l		97
47) Bromodichloromethane	9.426	83	151710	20.767 ug/l		99
48) Methyl methacrylate	9.225	41	46988	20.341 ug/l		98
49) 1,4-Dioxane	9.231	88	11983	404.113 ug/l		97
51) 4-Methyl-2-Pentanone	9.999	43	273875	105.327 ug/l		99
52) Toluene	10.170	92	281364	20.799 ug/l		99
53) t-1,3-Dichloropropene	10.396	75	125239	20.261 ug/l		99
54) cis-1,3-Dichloropropene	9.853	75	152830	20.637 ug/l		99
55) 1,1,2-Trichloroethane	10.573	97	80390	20.761 ug/l		96
56) Ethyl methacrylate	10.438	69	83993	19.687 ug/l		98
57) 1,3-Dichloropropane	10.719	76	128976	20.999 ug/l		99
58) 2-Chloroethyl Vinyl ether	9.713	63	192206	98.178 ug/l		100
59) 2-Hexanone	10.762	43	203840	107.451 ug/l		99
60) Dibromochloromethane	10.914	129	110009	20.677 ug/l		98
61) 1,2-Dibromoethane	11.018	107	77174	21.237 ug/l		97
64) Tetrachloroethene	10.646	164	154270	20.955 ug/l		98
65) Chlorobenzene	11.444	112	313776	20.378 ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.518	131	109560	20.122 ug/l		98
67) Ethyl Benzene	11.518	91	505466	20.283 ug/l		98
68) m/p-Xylenes	11.627	106	408699	41.048 ug/l		97
69) o-Xylene	11.956	106	186475	20.260 ug/l		100
70) Styrene	11.969	104	313946	20.674 ug/l		100
71) Bromoform	12.133	173	64954	20.426 ug/l	#	98
73) Isopropylbenzene	12.255	105	484626	19.723 ug/l		99
74) N-amyl acetate	12.072	43	76905	18.486 ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.505	83	76650	19.531 ug/l		97
76) 1,2,3-Trichloropropane	12.554	75	60277m	20.272 ug/l		
77) Bromobenzene	12.530	156	124926	19.600 ug/l		97
78) n-propylbenzene	12.597	91	577151	19.968 ug/l		99
79) 2-Chlorotoluene	12.676	91	336249	20.048 ug/l		99
80) 1,3,5-Trimethylbenzene	12.737	105	401810	20.126 ug/l		99
81) trans-1,4-Dichloro-2-b...	12.304	75	25299	19.229 ug/l		98
82) 4-Chlorotoluene	12.780	91	350104	20.241 ug/l		100
83) tert-Butylbenzene	12.999	119	352929	19.409 ug/l		100
84) 1,2,4-Trimethylbenzene	13.042	105	397002	20.077 ug/l		100
85) sec-Butylbenzene	13.176	105	520106	19.831 ug/l		100
86) p-Isopropyltoluene	13.292	119	441869	19.902 ug/l		100
87) 1,3-Dichlorobenzene	13.286	146	251903	20.080 ug/l		100
88) 1,4-Dichlorobenzene	13.365	146	244807	19.866 ug/l		99
89) n-Butylbenzene	13.615	91	375842	19.467 ug/l		100
90) Hexachloroethane	13.877	117	92928	19.477 ug/l		100
91) 1,2-Dichlorobenzene	13.657	146	218655	20.225 ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	12260	20.289 ug/l		95
93) 1,2,4-Trichlorobenzene	14.919	180	122756	19.851 ug/l		99
94) Hexachlorobutadiene	15.023	225	79039	19.507 ug/l		99
95) Naphthalene	15.145	128	174378	19.694 ug/l		100
96) 1,2,3-Trichlorobenzene	15.328	180	102582	19.855 ug/l		98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110425\
Data File : VY023663.D
Acq On : 04 Nov 2025 10:19
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 :Amit Patel 11/05/2025
Supervised By :Mahesh Dadoda 11/05/2025

Quant Time: Nov 05 04:27:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 05 04:24:21 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

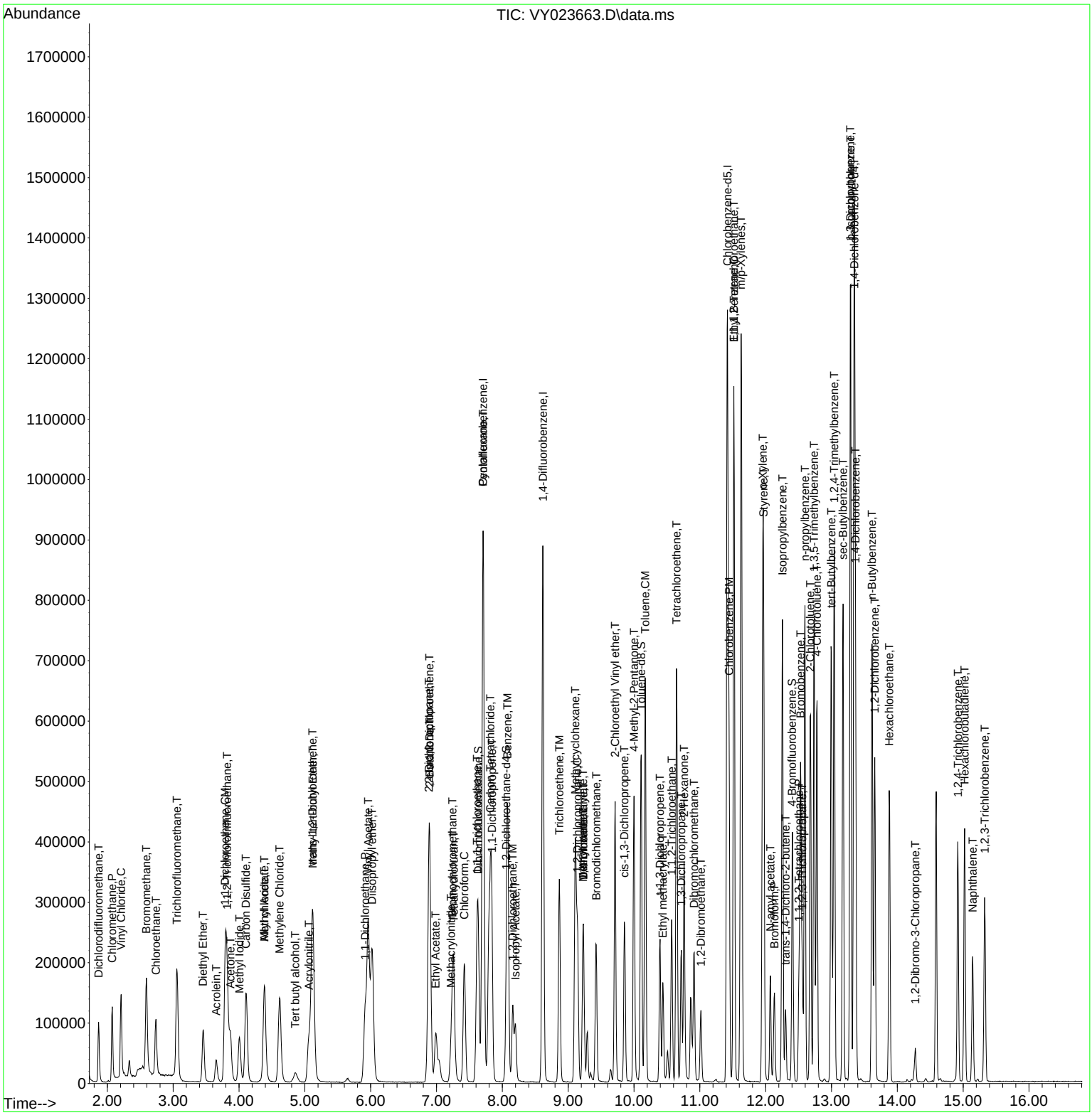
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110425\
Data File : VY023663.D
Acq On : 04 Nov 2025 10:19
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 05 04:27:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 05 04:24:21 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/05/2025
Supervised By :Mahesh Dadoda 11/05/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110425\
Data File : VY023664.D
Acq On : 04 Nov 2025 10:42
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 :Amit Patel 11/05/2025
Supervised By :Mahesh Dadoda 11/05/2025

Quant Time: Nov 05 04:28:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 05 04:24:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	575867	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	844654	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	748313	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	378927	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	234526	47.743	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 95.480%			
35) Dibromofluoromethane	7.634	113	261509	49.542	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.080%			
50) Toluene-d8	10.109	98	1004143	51.068	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 102.140%			
62) 4-Bromofluorobenzene	12.401	95	327509	51.505	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 103.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	158310	41.880	ug/l	100
3) Chloromethane	2.074	50	237663	44.928	ug/l	100
4) Vinyl Chloride	2.208	62	315113	45.779	ug/l	100
5) Bromomethane	2.598	94	255339	44.099	ug/l	100
6) Chloroethane	2.739	64	222257	46.718	ug/l	100
7) Trichlorofluoromethane	3.062	101	448928	46.308	ug/l	100
8) Diethyl Ether	3.458	74	122314	47.049	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.818	101	249353	46.685	ug/l	100
10) Methyl Iodide	4.007	142	329865	52.300	ug/l	100
11) Tert butyl alcohol	4.866	59	65929	208.147	ug/l	100
12) 1,1-Dichloroethene	3.793	96	242599	47.151	ug/l	100
13) Acrolein	3.653	56	85009	208.809	ug/l	100
14) Allyl chloride	4.385	41	303471	48.458	ug/l	100
15) Acrylonitrile	5.061	53	234014	235.546	ug/l	100
16) Acetone	3.866	43	272077	222.826	ug/l	100
17) Carbon Disulfide	4.110	76	741781	46.973	ug/l	100
18) Methyl Acetate	4.385	43	121078	44.957	ug/l	100
19) Methyl tert-butyl Ether	5.116	73	580730	48.676	ug/l	100
20) Methylene Chloride	4.616	84	264862	44.934	ug/l	100
21) trans-1,2-Dichloroethene	5.122	96	280571	48.364	ug/l	100
22) Diisopropyl ether	6.025	45	703596	50.420	ug/l	100
23) Vinyl Acetate	5.964	43	1877953	252.183	ug/l	100
24) 1,1-Dichloroethane	5.915	63	446287	48.007	ug/l	100
25) 2-Butanone	6.896	43	319404	226.250	ug/l	100
26) 2,2-Dichloropropane	6.890	77	408039	47.716	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	322689	48.703	ug/l	100
28) Bromochloromethane	7.244	49	167148	46.958	ug/l	100
29) Tetrahydrofuran	7.262	42	178179	236.990	ug/l	100
30) Chloroform	7.421	83	497055	47.921	ug/l	100
31) Cyclohexane	7.701	56	381239	47.090	ug/l	100
32) 1,1,1-Trichloroethane	7.616	97	442659	47.750	ug/l	100
36) 1,1-Dichloropropene	7.835	75	345431	48.973	ug/l	100
37) Ethyl Acetate	6.982	43	130827	47.912	ug/l	100
38) Carbon Tetrachloride	7.817	117	402944	48.486	ug/l	100
39) Methylcyclohexane	9.109	83	454885	50.473	ug/l	100
40) Benzene	8.079	78	1087048	48.893	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110425\
Data File : VY023664.D
Acq On : 04 Nov 2025 10:42
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 :Amit Patel 11/05/2025
Supervised By :Mahesh Dadoda 11/05/2025

Quant Time: Nov 05 04:28:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 05 04:24:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	71198	48.884	ug/l	100
42) 1,2-Dichloroethane	8.158	62	270723	48.130	ug/l	100
43) Isopropyl Acetate	8.195	43	249080	48.549	ug/l	100
44) Trichloroethene	8.866	130	308925	48.377	ug/l	100
45) 1,2-Dichloropropane	9.140	63	239811	48.873	ug/l	100
46) Dibromomethane	9.231	93	146001	48.022	ug/l	100
47) Bromodichloromethane	9.420	83	374866	48.904	ug/l	100
48) Methyl methacrylate	9.219	41	122935	50.717	ug/l	100
49) 1,4-Dioxane	9.231	88	30413	977.461	ug/l	100
51) 4-Methyl-2-Pentanone	9.999	43	667795	244.757	ug/l	100
52) Toluene	10.170	92	721090	50.801	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	326566	50.350	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	391126	50.333	ug/l	100
55) 1,1,2-Trichloroethane	10.573	97	197468	48.601	ug/l	100
56) Ethyl methacrylate	10.438	69	233410	52.139	ug/l	100
57) 1,3-Dichloropropane	10.719	76	317296	49.234	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	538181	261.987	ug/l	100
59) 2-Hexanone	10.762	43	483563	242.927	ug/l	100
60) Dibromochloromethane	10.908	129	275217	49.299	ug/l	100
61) 1,2-Dibromoethane	11.011	107	187108	49.070	ug/l	100
64) Tetrachloroethene	10.646	164	383425	49.228	ug/l	100
65) Chlorobenzene	11.438	112	798384	49.008	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.517	131	282049	48.962	ug/l	100
67) Ethyl Benzene	11.517	91	1352193	51.285	ug/l	100
68) m/p-Xylenes	11.627	106	1088606	103.340	ug/l	100
69) o-Xylene	11.956	106	504648	51.824	ug/l	100
70) Styrene	11.969	104	838808	52.208	ug/l	100
71) Bromoform	12.133	173	163771	48.678	ug/l	100
73) Isopropylbenzene	12.255	105	1311582	51.752	ug/l	100
74) N-amyl acetate	12.066	43	218665	50.962	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.505	83	190486	47.061	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	141409m	46.111	ug/l	
77) Bromobenzene	12.530	156	326732	49.702	ug/l	100
78) n-propylbenzene	12.597	91	1548019	51.929	ug/l	100
79) 2-Chlorotoluene	12.676	91	881152	50.938	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	1073705	52.144	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	65310	48.129	ug/l	100
82) 4-Chlorotoluene	12.773	91	904469	50.699	ug/l	100
83) tert-Butylbenzene	12.993	119	969322	51.686	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	1068009	52.367	ug/l	100
85) sec-Butylbenzene	13.176	105	1392655	51.485	ug/l	100
86) p-Isopropyltoluene	13.292	119	1199869	52.399	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	641830	49.605	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	625847	49.241	ug/l	100
89) n-Butylbenzene	13.615	91	1042799	52.370	ug/l	100
90) Hexachloroethane	13.877	117	242026	49.183	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	550837	49.400	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	28889	46.355	ug/l	100
93) 1,2,4-Trichlorobenzene	14.919	180	323218	50.677	ug/l	100
94) Hexachlorobutadiene	15.023	225	209077	50.032	ug/l	100
95) Naphthalene	15.145	128	491886	44.734	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	271777	51.002	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110425\
Data File : VY023664.D
Acq On : 04 Nov 2025 10:42
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 :Amit Patel 11/05/2025
Supervised By :Mahesh Dadoda 11/05/2025

Quant Time: Nov 05 04:28:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 05 04:24:21 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

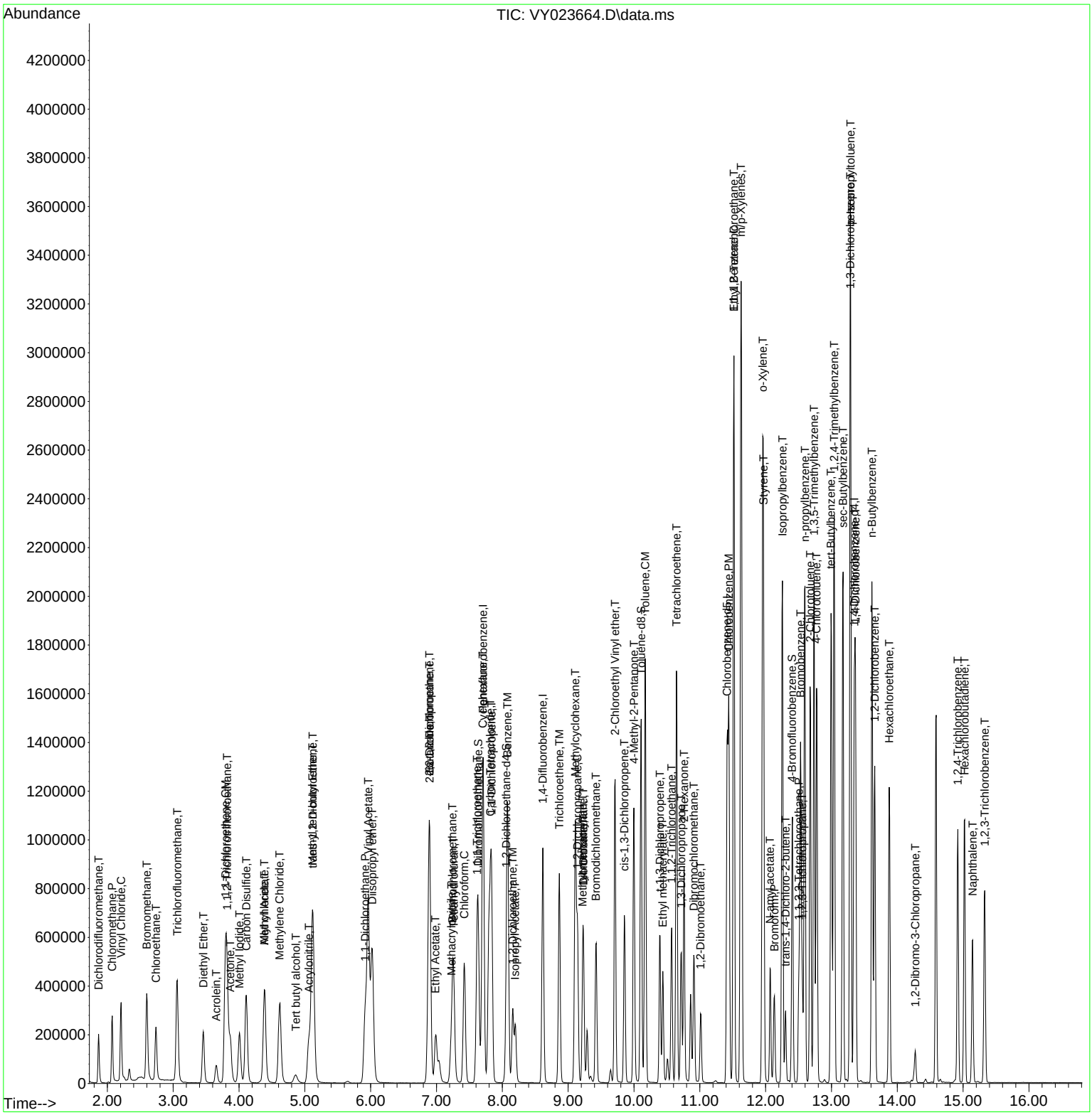
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110425\
Data File : VY023664.D
Acq On : 04 Nov 2025 10:42
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 05 04:28:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 05 04:24:21 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/05/2025
Supervised By :Mahesh Dadoda 11/05/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110425\
Data File : VY023665.D
Acq On : 04 Nov 2025 11:05
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 :Amit Patel 11/05/2025
Supervised By :Mahesh Dadoda 11/05/2025

Quant Time: Nov 05 04:29:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 05 04:24:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	565663	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	831963	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	740642	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	370503	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	480881	99.661	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 199.320%#			
35) Dibromofluoromethane	7.634	113	529343	101.812	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 203.620%#			
50) Toluene-d8	10.109	98	2036678	105.160	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 210.320%#			
62) 4-Bromofluorobenzene	12.402	95	665813	106.305	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 212.600%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	321162	86.493	ug/l	99
3) Chloromethane	2.074	50	479848	92.348	ug/l	99
4) Vinyl Chloride	2.208	62	629525	93.106	ug/l	99
5) Bromomethane	2.592	94	525066	92.319	ug/l	98
6) Chloroethane	2.733	64	445045	95.235	ug/l	99
7) Trichlorofluoromethane	3.056	101	884872	92.924	ug/l	100
8) Diethyl Ether	3.458	74	260634	102.064	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.818	101	496959	94.721	ug/l	100
10) Methyl Iodide	4.007	142	661306	106.741	ug/l	99
11) Tert butyl alcohol	4.860	59	149691	481.121	ug/l	98
12) 1,1-Dichloroethene	3.793	96	499345	98.802	ug/l	100
13) Acrolein	3.653	56	191158	478.014	ug/l	99
14) Allyl chloride	4.385	41	652452	106.061	ug/l	99
15) Acrylonitrile	5.061	53	521023	533.895	ug/l	99
16) Acetone	3.866	43	591155	492.879	ug/l	100
17) Carbon Disulfide	4.110	76	1505201	97.036	ug/l	99
18) Methyl Acetate	4.385	43	289722	109.515	ug/l	98
19) Methyl tert-butyl Ether	5.122	73	1280442	109.260	ug/l	100
20) Methylene Chloride	4.616	84	538051	92.927	ug/l	97
21) trans-1,2-Dichloroethene	5.116	96	576752	101.211	ug/l	97
22) Diisopropyl ether	6.025	45	1476751	107.734	ug/l	98
23) Vinyl Acetate	5.964	43	4052575	554.021	ug/l	99
24) 1,1-Dichloroethane	5.921	63	920205	100.771	ug/l	99
25) 2-Butanone	6.890	43	716857	516.946	ug/l	100
26) 2,2-Dichloropropane	6.890	77	836165	99.545	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	677651	104.123	ug/l	100
28) Bromochloromethane	7.250	49	351637	100.569	ug/l	99
29) Tetrahydrofuran	7.262	42	407174	551.338	ug/l	98
30) Chloroform	7.421	83	1015475	99.668	ug/l	100
31) Cyclohexane	7.701	56	785863	98.820	ug/l	98
32) 1,1,1-Trichloroethane	7.622	97	908433	99.760	ug/l	99
36) 1,1-Dichloropropene	7.835	75	702866	101.168	ug/l	99
37) Ethyl Acetate	6.988	43	287737	106.984	ug/l	99
38) Carbon Tetrachloride	7.817	117	821264	100.329	ug/l	99
39) Methylcyclohexane	9.109	83	946648	106.639	ug/l	99
40) Benzene	8.079	78	2238265	102.208	ug/l	100

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110425\
Data File : VY023665.D
Acq On : 04 Nov 2025 11:05
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 05 04:29:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 05 04:24:21 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/05/2025
Supervised By :Mahesh Dadoda 11/05/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.226	41	162465	113.249	ug/l		97
42) 1,2-Dichloroethane	8.158	62	564693	101.924	ug/l		99
43) Isopropyl Acetate	8.201	43	559293	110.678	ug/l	#	87
44) Trichloroethene	8.866	130	626949	99.676	ug/l		97
45) 1,2-Dichloropropane	9.140	63	494430	102.300	ug/l		99
46) Dibromomethane	9.231	93	308450	103.001	ug/l		99
47) Bromodichloromethane	9.426	83	780217	103.338	ug/l		98
48) Methyl methacrylate	9.219	41	273819	114.688	ug/l		98
49) 1,4-Dioxane	9.231	88	66284	2162.837	ug/l		98
51) 4-Methyl-2-Pentanone	10.000	43	1509447	561.674	ug/l		99
52) Toluene	10.170	92	1494139	106.868	ug/l		98
53) t-1,3-Dichloropropene	10.396	75	708290	110.869	ug/l		100
54) cis-1,3-Dichloropropene	9.853	75	824093	107.667	ug/l		99
55) 1,1,2-Trichloroethane	10.573	97	414987	103.695	ug/l		96
56) Ethyl methacrylate	10.438	69	529329	120.046	ug/l		98
57) 1,3-Dichloropropane	10.719	76	663870	104.582	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.713	63	1213712	599.849	ug/l		99
59) 2-Hexanone	10.762	43	1099726	560.896	ug/l		99
60) Dibromochloromethane	10.914	129	577908	105.098	ug/l		100
61) 1,2-Dibromoethane	11.018	107	396076	105.457	ug/l		99
64) Tetrachloroethene	10.646	164	741118	96.137	ug/l		99
65) Chlorobenzene	11.438	112	1639055	101.655	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.518	131	583207	102.290	ug/l		99
67) Ethyl Benzene	11.518	91	2825731	108.283	ug/l		99
68) m/p-Xylenes	11.627	106	2241551	214.992	ug/l		99
69) o-Xylene	11.950	106	1062605	110.253	ug/l		99
70) Styrene	11.969	104	1753830	110.290	ug/l		100
71) Bromoform	12.133	173	351826	105.656	ug/l		99
73) Isopropylbenzene	12.255	105	2698043	108.880	ug/l		100
74) N-amyl acetate	12.066	43	491427	117.135	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.505	83	421715	106.557	ug/l		100
76) 1,2,3-Trichloropropane	12.554	75	294519m	98.221	ug/l		
77) Bromobenzene	12.530	156	677938	105.471	ug/l		98
78) n-propylbenzene	12.591	91	3116044	106.906	ug/l		99
79) 2-Chlorotoluene	12.676	91	1783319	105.435	ug/l		99
80) 1,3,5-Trimethylbenzene	12.737	105	2181015	108.328	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.304	75	142192	107.168	ug/l		99
82) 4-Chlorotoluene	12.773	91	1818934	104.277	ug/l		100
83) tert-Butylbenzene	12.993	119	2013210	109.789	ug/l		100
84) 1,2,4-Trimethylbenzene	13.042	105	2172108	108.924	ug/l		99
85) sec-Butylbenzene	13.176	105	2838051	107.306	ug/l		100
86) p-Isopropyltoluene	13.286	119	2438892	108.929	ug/l		100
87) 1,3-Dichlorobenzene	13.286	146	1292429	102.159	ug/l		99
88) 1,4-Dichlorobenzene	13.365	146	1243927	100.096	ug/l		99
89) n-Butylbenzene	13.615	91	2131963	109.503	ug/l		98
90) Hexachloroethane	13.877	117	492034	102.262	ug/l		99
91) 1,2-Dichlorobenzene	13.657	146	1107343	101.567	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	64052	105.113	ug/l		99
93) 1,2,4-Trichlorobenzene	14.919	180	691314	110.855	ug/l		100
94) Hexachlorobutadiene	15.023	225	415145	101.602	ug/l		99
95) Naphthalene	15.139	128	1145310	99.258	ug/l		100
96) 1,2,3-Trichlorobenzene	15.328	180	579136	111.152	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110425\
Data File : VY023665.D
Acq On : 04 Nov 2025 11:05
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 :Amit Patel 11/05/2025
Supervised By :Mahesh Dadoda 11/05/2025

Quant Time: Nov 05 04:29:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 05 04:24:21 2025
Response via : Initial Calibration

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

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

Quantitation Report (QT Reviewed)

ICAL Form

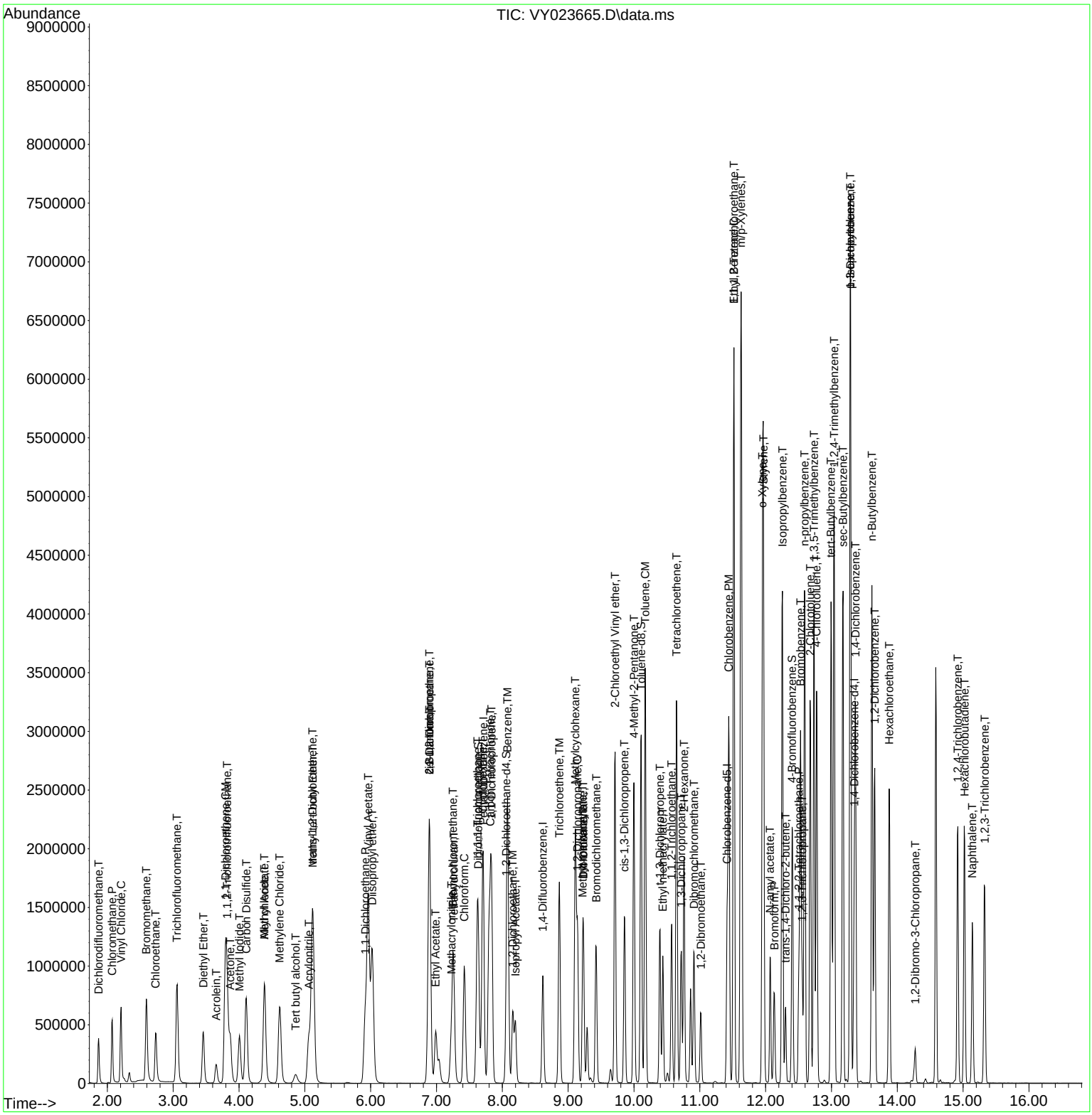
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110425\
Data File : VY023665.D
Acq On : 04 Nov 2025 11:05
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 05 04:29:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 05 04:24:21 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/05/2025
Supervised By :Mahesh Dadoda 11/05/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110425\
Data File : VY023666.D
Acq On : 04 Nov 2025 11:27
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 :Amit Patel 11/05/2025
Supervised By :Mahesh Dadoda 11/05/2025

Quant Time: Nov 05 04:30:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 05 04:24:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	621042	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	901916	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	790988	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	391606	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	757684	143.025	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 286.060%#			
35) Dibromofluoromethane	7.634	113	832527	147.706	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 295.420%#			
50) Toluene-d8	10.109	98	3136015	149.364	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 298.720%#			
62) 4-Bromofluorobenzene	12.402	95	1040552	153.250	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 306.500%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	496440	121.776	ug/l	99
3) Chloromethane	2.068	50	712373	124.873	ug/l	99
4) Vinyl Chloride	2.208	62	946660	127.526	ug/l	99
5) Bromomethane	2.586	94	814598	130.454	ug/l	99
6) Chloroethane	2.733	64	660222	128.682	ug/l	99
7) Trichlorofluoromethane	3.056	101	1409197	134.789	ug/l	99
8) Diethyl Ether	3.452	74	408901	145.847	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.812	101	772147	134.049	ug/l	100
10) Methyl Iodide	4.007	142	993484	146.059	ug/l	99
11) Tert butyl alcohol	4.860	59	249226	729.606	ug/l	98
12) 1,1-Dichloroethene	3.787	96	780521	140.665	ug/l	99
13) Acrolein	3.653	56	304058	692.535	ug/l	99
14) Allyl chloride	4.385	41	1016094	150.446	ug/l	98
15) Acrylonitrile	5.055	53	824786	769.798	ug/l	99
16) Acetone	3.866	43	947595	719.612	ug/l	99
17) Carbon Disulfide	4.104	76	2304859	135.337	ug/l	100
18) Methyl Acetate	4.385	43	405494	139.609	ug/l	98
19) Methyl tert-butyl Ether	5.122	73	2032527	157.970	ug/l	99
20) Methylene Chloride	4.616	84	813039	127.899	ug/l	99
21) trans-1,2-Dichloroethene	5.116	96	892080	142.587	ug/l	95
22) Diisopropyl ether	6.019	45	2264384	150.464	ug/l	98
23) Vinyl Acetate	5.958	43	6576961	818.950	ug/l	99
24) 1,1-Dichloroethane	5.915	63	1415798	141.217	ug/l	99
25) 2-Butanone	6.896	43	1180801	775.579	ug/l	99
26) 2,2-Dichloropropane	6.884	77	1319960	143.128	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	1051376	147.141	ug/l	99
28) Bromochloromethane	7.244	49	519064	135.216	ug/l	99
29) Tetrahydrofuran	7.262	42	655805	808.815	ug/l	99
30) Chloroform	7.421	83	1551090	138.663	ug/l	99
31) Cyclohexane	7.701	56	1230432	140.926	ug/l	98
32) 1,1,1-Trichloroethane	7.622	97	1402944	140.327	ug/l	99
36) 1,1-Dichloropropene	7.835	75	1096950	145.645	ug/l	99
37) Ethyl Acetate	6.982	43	465489	159.651	ug/l	99
38) Carbon Tetrachloride	7.817	117	1279569	144.193	ug/l	99
39) Methylcyclohexane	9.109	83	1522789	158.237	ug/l	99
40) Benzene	8.079	78	3423551	144.208	ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110425\
Data File : VY023666.D
Acq On : 04 Nov 2025 11:27
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 :Amit Patel 11/05/2025
Supervised By :Mahesh Dadoda 11/05/2025

Quant Time: Nov 05 04:30:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 05 04:24:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	270053	173.645	ug/l	93
42) 1,2-Dichloroethane	8.158	62	864999	144.018	ug/l	99
43) Isopropyl Acetate	8.195	43	915445	167.105	ug/l	100
44) Trichloroethene	8.866	130	968647	142.056	ug/l	100
45) 1,2-Dichloropropane	9.140	63	765153	146.035	ug/l	98
46) Dibromomethane	9.231	93	477241	147.004	ug/l	99
47) Bromodichloromethane	9.420	83	1193540	145.820	ug/l	100
48) Methyl methacrylate	9.219	41	456960	176.551	ug/l	99
49) 1,4-Dioxane	9.225	88	110006	3311.077	ug/l	98
51) 4-Methyl-2-Pentanone	10.000	43	2437010	836.491	ug/l	100
52) Toluene	10.170	92	2278105	150.304	ug/l	97
53) t-1,3-Dichloropropene	10.390	75	1101094	158.988	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	1281333	154.422	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	637615	146.967	ug/l	98
56) Ethyl methacrylate	10.438	69	873314	182.696	ug/l	99
57) 1,3-Dichloropropane	10.719	76	1018360	147.983	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	1973993	899.933	ug/l	99
59) 2-Hexanone	10.762	43	1802207	847.892	ug/l	99
60) Dibromochloromethane	10.914	129	889783	149.265	ug/l	99
61) 1,2-Dibromoethane	11.012	107	612102	150.335	ug/l	100
64) Tetrachloroethene	10.646	164	1096726	133.211	ug/l	98
65) Chlorobenzene	11.438	112	2508744	145.689	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	891788	146.458	ug/l	99
67) Ethyl Benzene	11.518	91	4316877	154.896	ug/l	100
68) m/p-Xylenes	11.627	106	3451849	310.002	ug/l	99
69) o-Xylene	11.957	106	1640734	159.402	ug/l	100
70) Styrene	11.969	104	2716949	159.981	ug/l	99
71) Bromoform	12.133	173	548567	154.254	ug/l	100
73) Isopropylbenzene	12.255	105	4137095	157.957	ug/l	99
74) N-amyl acetate	12.066	43	819575	184.824	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	662143	158.291	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	459716m	145.052	ug/l	
77) Bromobenzene	12.530	156	1039954	153.073	ug/l	98
78) n-propylbenzene	12.591	91	4789010	155.449	ug/l	99
79) 2-Chlorotoluene	12.676	91	2739475	153.238	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	3356489	157.728	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	230746	164.538	ug/l	98
82) 4-Chlorotoluene	12.773	91	2799224	151.827	ug/l	99
83) tert-Butylbenzene	12.993	119	3140967	162.060	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	3343184	158.616	ug/l	99
85) sec-Butylbenzene	13.176	105	4372346	156.408	ug/l	99
86) p-Isopropyltoluene	13.292	119	3826970	161.714	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	2007587	150.136	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	1914429	145.749	ug/l	99
89) n-Butylbenzene	13.615	91	3341239	162.367	ug/l	98
90) Hexachloroethane	13.877	117	761235	149.685	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	1711163	148.493	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	101448	157.511	ug/l	96
93) 1,2,4-Trichlorobenzene	14.919	180	1108704	168.205	ug/l	99
94) Hexachlorobutadiene	15.023	225	641847	148.620	ug/l	99
95) Naphthalene	15.139	128	1891291	152.117	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	929367	168.759	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110425\
Data File : VY023666.D
Acq On : 04 Nov 2025 11:27
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 :Amit Patel 11/05/2025
Supervised By :Mahesh Dadoda 11/05/2025

Quant Time: Nov 05 04:30:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 05 04:24:21 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

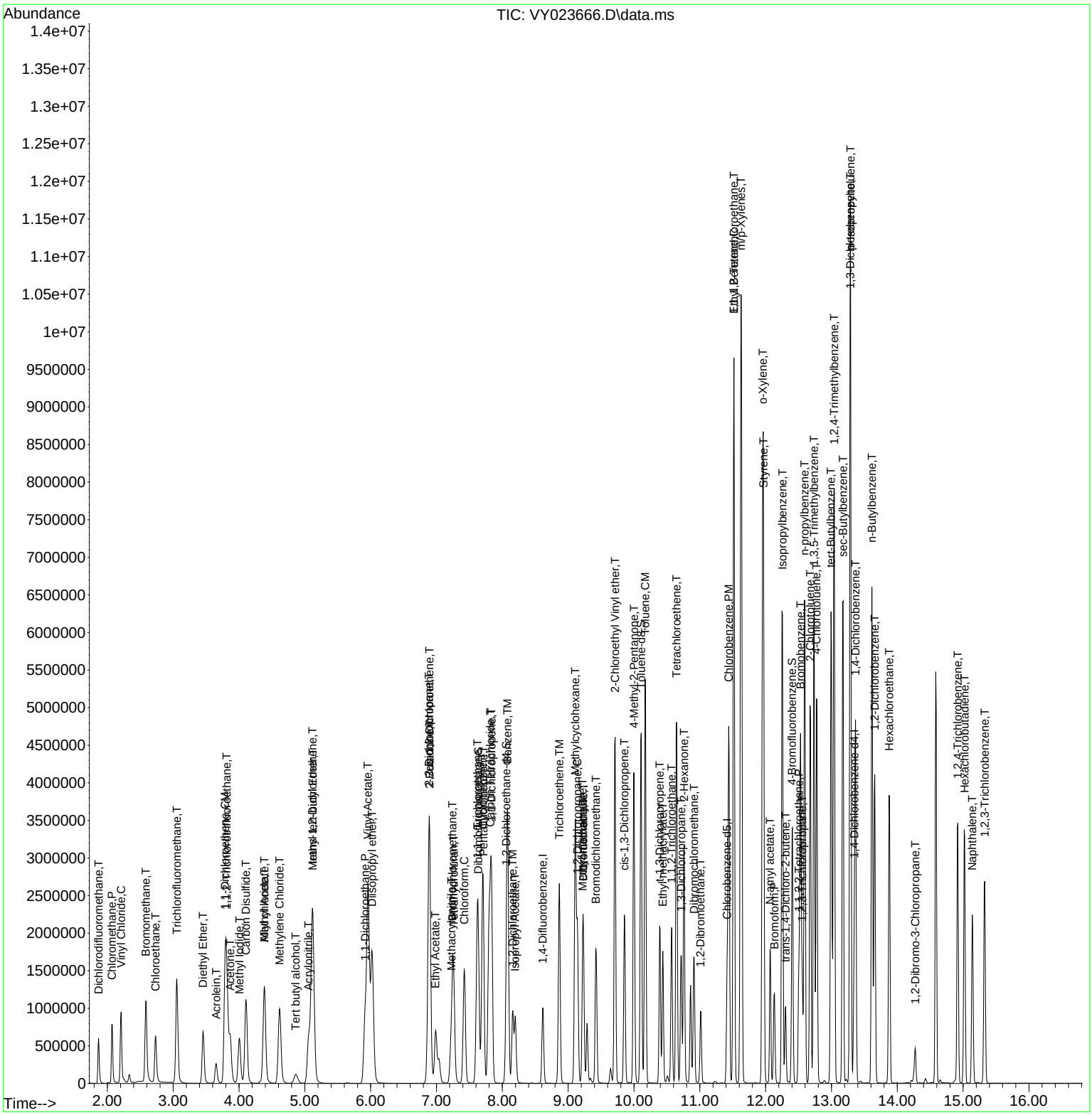
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110425\
Data File : VY023666.D
Acq On : 04 Nov 2025 11:27
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 05 04:30:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 05 04:24:21 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/05/2025
Supervised By :Mahesh Dadoda 11/05/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110425\
Data File : VY023668.D
Acq On : 04 Nov 2025 12:14
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY110425

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/05/2025
Supervised By :Mahesh Dadoda 11/05/2025

Quant Time: Nov 05 04:45:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 05 04:41:50 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	608113	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	888282	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	783299	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	398785	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	242791	46.805	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 93.620%			
35) Dibromofluoromethane	7.634	113	268074	48.291	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 96.580%			
50) Toluene-d8	10.109	98	1040318	50.309	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.620%			
62) 4-Bromofluorobenzene	12.402	95	344284	51.484	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 102.960%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	169445	42.448	ug/l	99
3) Chloromethane	2.074	50	256717	45.957	ug/l	99
4) Vinyl Chloride	2.208	62	330280	45.438	ug/l	98
5) Bromomethane	2.599	94	277800	45.434	ug/l	97
6) Chloroethane	2.739	64	235159	46.809	ug/l	99
7) Trichlorofluoromethane	3.056	101	474583	46.359	ug/l	98
8) Diethyl Ether	3.458	74	132465	48.252	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.818	101	267535	47.433	ug/l	100
10) Methyl Iodide	4.007	142	316753	47.558	ug/l	99
11) Tert butyl alcohol	4.860	59	75144	224.660	ug/l	96
12) 1,1-Dichloroethene	3.793	96	261851	48.194	ug/l	99
13) Acrolein	3.653	56	91811	213.558	ug/l	99
14) Allyl chloride	4.385	41	330702	50.006	ug/l	99
15) Acrylonitrile	5.062	53	257491	245.434	ug/l	99
16) Acetone	3.867	43	294814	228.644	ug/l	95
17) Carbon Disulfide	4.110	76	787691	47.235	ug/l	99
18) Methyl Acetate	4.385	43	126071	44.328	ug/l	98
19) Methyl tert-butyl Ether	5.116	73	643310	51.062	ug/l	99
20) Methylene Chloride	4.616	84	285026	45.791	ug/l	99
21) trans-1,2-Dichloroethene	5.122	96	300477	49.048	ug/l	99
22) Diisopropyl ether	6.025	45	755561	51.273	ug/l	100
23) Vinyl Acetate	5.964	43	2077321	264.163	ug/l	100
24) 1,1-Dichloroethane	5.921	63	471845	48.064	ug/l	99
25) 2-Butanone	6.897	43	352581	236.507	ug/l	100
26) 2,2-Dichloropropane	6.890	77	437078	48.402	ug/l	99
27) cis-1,2-Dichloroethene	6.897	96	347603	49.682	ug/l	99
28) Bromochloromethane	7.250	49	176101	46.849	ug/l	99
29) Tetrahydrofuran	7.262	42	198667	250.229	ug/l	99
30) Chloroform	7.421	83	524526	47.888	ug/l	100
31) Cyclohexane	7.701	56	414807	48.520	ug/l	98
32) 1,1,1-Trichloroethane	7.622	97	471242	48.137	ug/l	99
36) 1,1-Dichloropropene	7.835	75	369989	49.878	ug/l	100
37) Ethyl Acetate	6.988	43	146441	50.997	ug/l	99
38) Carbon Tetrachloride	7.823	117	432288	49.462	ug/l	100
39) Methylcyclohexane	9.110	83	501162	52.876	ug/l	98
40) Benzene	8.079	78	1163766	49.773	ug/l	99

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110425\
Data File : VY023668.D
Acq On : 04 Nov 2025 12:14
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 05 04:45:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 05 04:41:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY110425

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/05/2025
Supervised By :Mahesh Dadoda 11/05/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.226	41	68046	43.412	ug/l	#	81
42) 1,2-Dichloroethane	8.159	62	287665	48.630	ug/l		99
43) Isopropyl Acetate	8.201	43	277810	51.490	ug/l	#	87
44) Trichloroethene	8.866	130	327327	48.741	ug/l		97
45) 1,2-Dichloropropane	9.140	63	257161	49.835	ug/l		98
46) Dibromomethane	9.232	93	159165	49.780	ug/l		98
47) Bromodichloromethane	9.420	83	399133	49.512	ug/l		99
48) Methyl methacrylate	9.219	41	135247	53.056	ug/l		99
49) 1,4-Dioxane	9.225	88	32783	1001.883	ug/l		100
51) 4-Methyl-2-Pentanone	10.000	43	739467	257.714	ug/l		99
52) Toluene	10.170	92	769370	51.540	ug/l		98
53) t-1,3-Dichloropropene	10.396	75	349820	51.286	ug/l		100
54) cis-1,3-Dichloropropene	9.859	75	418833	51.251	ug/l		96
55) 1,1,2-Trichloroethane	10.573	97	209781	49.096	ug/l		95
56) Ethyl methacrylate	10.439	69	259940	55.214	ug/l		99
57) 1,3-Dichloropropane	10.719	76	337613	49.813	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.713	63	586635	271.549	ug/l		100
59) 2-Hexanone	10.762	43	536488	256.278	ug/l		100
60) Dibromochloromethane	10.908	129	293578	50.005	ug/l		100
61) 1,2-Dibromoethane	11.012	107	200656	50.038	ug/l		99
64) Tetrachloroethene	10.646	164	384807	47.199	ug/l		98
65) Chlorobenzene	11.438	112	849748	49.832	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.518	131	298190	49.452	ug/l		99
67) Ethyl Benzene	11.518	91	1445427	52.373	ug/l		99
68) m/p-Xylenes	11.627	106	1159953	105.195	ug/l		100
69) o-Xylene	11.957	106	541389	53.114	ug/l		99
70) Styrene	11.969	104	896108	53.283	ug/l		99
71) Bromoform	12.133	173	177352	50.360	ug/l	#	99
73) Isopropylbenzene	12.255	105	1417486	53.146	ug/l		99
74) N-amyl acetate	12.072	43	238873	52.899	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.505	83	214414	50.335	ug/l		100
76) 1,2,3-Trichloropropane	12.554	75	153462m	47.550	ug/l		
77) Bromobenzene	12.530	156	348579	50.384	ug/l		99
78) n-propylbenzene	12.591	91	1654045	52.723	ug/l		100
79) 2-Chlorotoluene	12.676	91	940627	51.669	ug/l		99
80) 1,3,5-Trimethylbenzene	12.737	105	1152618	53.189	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.298	75	70336	49.252	ug/l		99
82) 4-Chlorotoluene	12.774	91	965258	51.412	ug/l		100
83) tert-Butylbenzene	12.993	119	1067903	54.107	ug/l		99
84) 1,2,4-Trimethylbenzene	13.042	105	1146575	53.419	ug/l		99
85) sec-Butylbenzene	13.170	105	1517909	53.321	ug/l		100
86) p-Isopropyltoluene	13.292	119	1299518	53.924	ug/l		100
87) 1,3-Dichlorobenzene	13.286	146	681531	50.050	ug/l		99
88) 1,4-Dichlorobenzene	13.365	146	656109	49.051	ug/l		99
89) n-Butylbenzene	13.615	91	1139328	54.369	ug/l		99
90) Hexachloroethane	13.877	117	258543	49.923	ug/l		99
91) 1,2-Dichlorobenzene	13.658	146	587705	50.082	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	31188	47.551	ug/l		96
93) 1,2,4-Trichlorobenzene	14.919	180	356674	53.138	ug/l		100
94) Hexachlorobutadiene	15.023	225	222246	50.535	ug/l		99
95) Naphthalene	15.139	128	560653	48.012	ug/l		100
96) 1,2,3-Trichlorobenzene	15.328	180	300360	53.559	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110425\
Data File : VY023668.D
Acq On : 04 Nov 2025 12:14
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY110425

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/05/2025
Supervised By :Mahesh Dadoda 11/05/2025

Quant Time: Nov 05 04:45:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 05 04:41:50 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

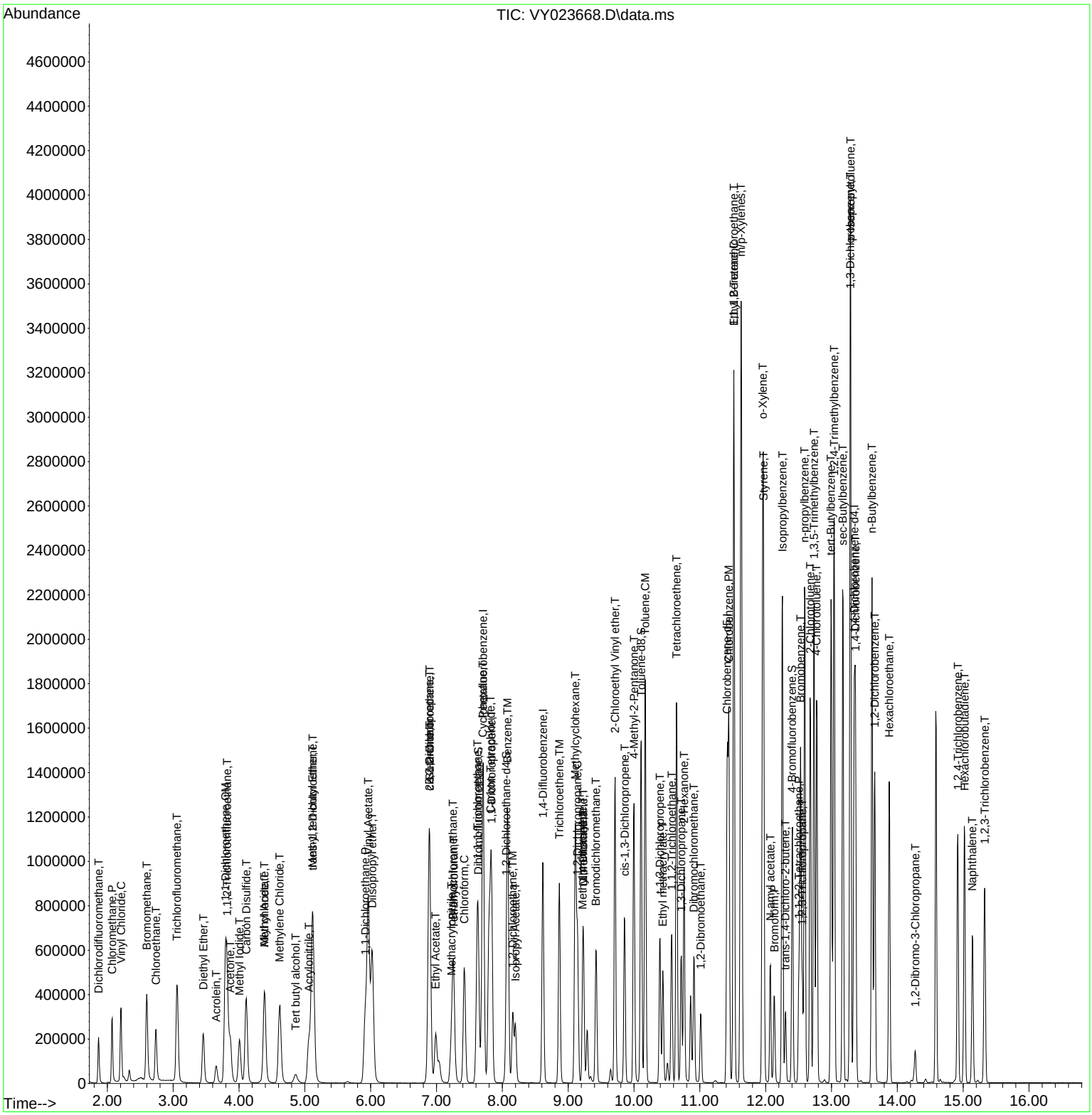
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110425\
Data File : VY023668.D
Acq On : 04 Nov 2025 12:14
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 05 04:45:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 05 04:41:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY110425

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/05/2025
Supervised By :Mahesh Dadoda 11/05/2025



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110425\
Data File : VY023668.D
Acq On : 04 Nov 2025 12:14
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY110425

Quant Time: Nov 05 04:45:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 05 04:41:50 2025
Response via : Initial Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	1.000	1.000	0.0	106	0.00
2	T	Dichlorodifluoromethane	0.328	0.279	14.9	107	0.00
3	P	Chloromethane	0.459	0.422	8.1	108	0.00
4	C	Vinyl Chloride	0.598	0.543	9.2#	105	0.00
5	T	Bromomethane	0.503	0.457	9.1	109	0.00
6	T	Chloroethane	0.413	0.387	6.3	106	0.00
7	T	Trichlorofluoromethane	0.842	0.780	7.4	106	0.00
8	T	Diethyl Ether	0.226	0.218	3.5	108	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.464	0.440	5.2	107	0.00
10	T	Methyl Iodide	0.548	0.521	4.9	96	0.00
11	T	Tert butyl alcohol	0.028	0.025	10.7	114	0.00
12	CM	1,1-Dichloroethene	0.447	0.431	3.6#	108	0.00
13	T	Acrolein	0.035	0.030	14.3	108	0.00
14	T	Allyl chloride	0.544	0.544	0.0	109	0.00
15	T	Acrylonitrile	0.086	0.085	1.2	110	0.00
16	T	Acetone	0.106	0.097	8.5	108	0.00
17	T	Carbon Disulfide	1.371	1.295	5.5	106	0.00
18	T	Methyl Acetate	0.234	0.207	11.5	104	0.00
19	T	Methyl tert-butyl Ether	1.036	1.058	-2.1	111	0.00
20	T	Methylene Chloride	0.512	0.469	8.4	108	0.00
21	T	trans-1,2-Dichloroethene	0.504	0.494	2.0	107	0.00
22	T	Diisopropyl ether	1.212	1.242	-2.5	107	0.00
23	T	Vinyl Acetate	0.647	0.683	-5.6	111	0.00
24	P	1,1-Dichloroethane	0.807	0.776	3.8	106	0.00
25	T	2-Butanone	0.123	0.116	5.7	110	0.00
26	T	2,2-Dichloropropane	0.742	0.719	3.1	107	0.00
27	T	cis-1,2-Dichloroethene	0.575	0.572	0.5	108	0.00
28	T	Bromochloromethane	0.309	0.290	6.1	105	0.00
29	T	Tetrahydrofuran	0.065	0.065	0.0	111	0.00
30	C	Chloroform	0.901	0.863	4.2#	106	0.00
31	T	Cyclohexane	0.703	0.682	3.0	109	0.00
32	T	1,1,1-Trichloroethane	0.805	0.775	3.7	106	0.00
33	S	1,2-Dichloroethane-d4	0.427	0.399	6.6	104	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	105	0.00
35	S	Dibromofluoromethane	0.312	0.302	3.2	103	0.00
36	T	1,1-Dichloropropene	0.418	0.417	0.2	107	0.00
37	T	Ethyl Acetate	0.162	0.165	-1.9	112	0.00
38	T	Carbon Tetrachloride	0.492	0.487	1.0	107	0.00
39	T	Methylcyclohexane	0.534	0.564	-5.6	110	0.00
40	TM	Benzene	1.316	1.310	0.5	107	0.00
41	T	Methacrylonitrile	0.088	0.077	12.5	96	0.00
42	TM	1,2-Dichloroethane	0.333	0.324	2.7	106	0.00
43	T	Isopropyl Acetate	0.304	0.313	-3.0	112	0.00
44	TM	Trichloroethene	0.378	0.368	2.6	106	0.00
45	C	1,2-Dichloropropane	0.290	0.290	0.0	107	0.00
46	T	Dibromomethane	0.180	0.179	0.6	109	0.00
47	T	Bromodichloromethane	0.454	0.449	1.1	106	0.00
48	T	Methyl methacrylate	0.143	0.152	-6.3	110	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110425\
Data File : VY023668.D
Acq On : 04 Nov 2025 12:14
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY110425

Quant Time: Nov 05 04:45:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 05 04:41:50 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	108	0.00
50	S	Toluene-d8	1.164	1.171	-0.6	104	0.00
51	T	4-Methyl-2-Pentanone	0.162	0.166	-2.5	111	0.00
52	CM	Toluene	0.840	0.866	-3.1#	107	0.00
53	T	t-1,3-Dichloropropene	0.384	0.394	-2.6	107	0.00
54	T	cis-1,3-Dichloropropene	0.460	0.472	-2.6	107	0.00
55	T	1,1,2-Trichloroethane	0.241	0.236	2.1	106	0.00
56	T	Ethyl methacrylate	0.265	0.293	-10.6	111	0.00
57	T	1,3-Dichloropropane	0.381	0.380	0.3	106	0.00
58	T	2-Chloroethyl Vinyl ether	0.122	0.132	-8.2	109	0.00
59	T	2-Hexanone	0.118	0.121	-2.5	111	0.00
60	T	Dibromochloromethane	0.330	0.331	-0.3	107	0.00
61	T	1,2-Dibromoethane	0.226	0.226	0.0	107	0.00
62	S	4-Bromofluorobenzene	0.376	0.388	-3.2	105	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	105	0.00
64	T	Tetrachloroethene	0.520	0.491	5.6	100	0.00
65	PM	Chlorobenzene	1.088	1.085	0.3	106	0.00
66	T	1,1,1,2-Tetrachloroethane	0.385	0.381	1.0	106	0.00
67	C	Ethyl Benzene	1.762	1.845	-4.7#	107	0.00
68	T	m/p-Xylenes	0.704	0.740	-5.1	107	0.00
69	T	o-Xylene	0.651	0.691	-6.1	107	0.00
70	T	Styrene	1.074	1.144	-6.5	107	0.00
71	P	Bromoform	0.225	0.226	-0.4	108	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	105	0.00
73	T	Isopropylbenzene	3.344	3.555	-6.3	108	0.00
74	T	N-amyl acetate	0.566	0.599	-5.8	109	0.00
75	P	1,1,2,2-Tetrachloroethane	0.534	0.538	-0.7	113	0.00
76	T	1,2,3-Trichloropropane	0.405	0.385	4.9	109	0.00
77	T	Bromobenzene	0.867	0.874	-0.8	107	0.00
78	T	n-propylbenzene	3.933	4.148	-5.5	107	0.00
79	T	2-Chlorotoluene	2.283	2.359	-3.3	107	0.00
80	T	1,3,5-Trimethylbenzene	2.717	2.890	-6.4	107	0.00
81	T	trans-1,4-Dichloro-2-butene	0.179	0.176	1.7	108	0.00
82	T	4-Chlorotoluene	2.354	2.420	-2.8	107	0.00
83	T	tert-Butylbenzene	2.475	2.678	-8.2	110	0.00
84	T	1,2,4-Trimethylbenzene	2.691	2.875	-6.8	107	0.00
85	T	sec-Butylbenzene	3.569	3.806	-6.6	109	0.00
86	T	p-Isopropyltoluene	3.022	3.259	-7.8	108	0.00
87	T	1,3-Dichlorobenzene	1.707	1.709	-0.1	106	0.00
88	T	1,4-Dichlorobenzene	1.677	1.645	1.9	105	0.00
89	T	n-Butylbenzene	2.627	2.857	-8.8	109	0.00
90	T	Hexachloroethane	0.649	0.648	0.2	107	0.00
91	T	1,2-Dichlorobenzene	1.471	1.474	-0.2	107	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.082	0.078	4.9	108	0.00
93	T	1,2,4-Trichlorobenzene	0.842	0.894	-6.2	110	0.00
94	T	Hexachlorobutadiene	0.551	0.557	-1.1	106	0.00
95	T	Naphthalene	1.257	1.406	-11.9	114	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110425\
Data File : VY023668.D
Acq On : 04 Nov 2025 12:14
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY110425

Quant Time: Nov 05 04:45:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 05 04:41:50 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	0.703	0.753	-7.1	111	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 5

Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110425\
Data File : VY023668.D
Acq On : 04 Nov 2025 12:14
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY110425

Quant Time: Nov 05 04:45:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 05 04:41:50 2025
Response via : Initial Calibration

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

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	50.000	50.000	0.0	106	0.00
2	T	Dichlorodifluoromethane	50.000	42.448	15.1	107	0.00
3	P	Chloromethane	50.000	45.957	8.1	108	0.00
4	C	Vinyl Chloride	50.000	45.438	9.1#	105	0.00
5	T	Bromomethane	50.000	45.434	9.1	109	0.00
6	T	Chloroethane	50.000	46.809	6.4	106	0.00
7	T	Trichlorofluoromethane	50.000	46.359	7.3	106	0.00
8	T	Diethyl Ether	50.000	48.252	3.5	108	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	47.433	5.1	107	0.00
10	T	Methyl Iodide	50.000	47.558	4.9	96	0.00
11	T	Tert butyl alcohol	250.000	224.660	10.1	114	0.00
12	CM	1,1-Dichloroethene	50.000	48.194	3.6#	108	0.00
13	T	Acrolein	250.000	213.558	14.6	108	0.00
14	T	Allyl chloride	50.000	50.006	-0.0	109	0.00
15	T	Acrylonitrile	250.000	245.434	1.8	110	0.00
16	T	Acetone	250.000	228.644	8.5	108	0.00
17	T	Carbon Disulfide	50.000	47.235	5.5	106	0.00
18	T	Methyl Acetate	50.000	44.328	11.3	104	0.00
19	T	Methyl tert-butyl Ether	50.000	51.062	-2.1	111	0.00
20	T	Methylene Chloride	50.000	45.791	8.4	108	0.00
21	T	trans-1,2-Dichloroethene	50.000	49.048	1.9	107	0.00
22	T	Diisopropyl ether	50.000	51.273	-2.5	107	0.00
23	T	Vinyl Acetate	250.000	264.163	-5.7	111	0.00
24	P	1,1-Dichloroethane	50.000	48.064	3.9	106	0.00
25	T	2-Butanone	250.000	236.507	5.4	110	0.00
26	T	2,2-Dichloropropane	50.000	48.402	3.2	107	0.00
27	T	cis-1,2-Dichloroethene	50.000	49.682	0.6	108	0.00
28	T	Bromochloromethane	50.000	46.849	6.3	105	0.00
29	T	Tetrahydrofuran	250.000	250.229	-0.1	111	0.00
30	C	Chloroform	50.000	47.888	4.2#	106	0.00
31	T	Cyclohexane	50.000	48.520	3.0	109	0.00
32	T	1,1,1-Trichloroethane	50.000	48.137	3.7	106	0.00
33	S	1,2-Dichloroethane-d4	50.000	46.805	6.4	104	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	105	0.00
35	S	Dibromofluoromethane	50.000	48.291	3.4	103	0.00
36	T	1,1-Dichloropropene	50.000	49.878	0.2	107	0.00
37	T	Ethyl Acetate	50.000	50.997	-2.0	112	0.00
38	T	Carbon Tetrachloride	50.000	49.462	1.1	107	0.00
39	T	Methylcyclohexane	50.000	52.876	-5.8	110	0.00
40	TM	Benzene	50.000	49.773	0.5	107	0.00
41	T	Methacrylonitrile	50.000	43.412	13.2	96	0.00
42	TM	1,2-Dichloroethane	50.000	48.630	2.7	106	0.00
43	T	Isopropyl Acetate	50.000	51.490	-3.0	112	0.00
44	TM	Trichloroethene	50.000	48.741	2.5	106	0.00
45	C	1,2-Dichloropropane	50.000	49.835	0.3#	107	0.00
46	T	Dibromomethane	50.000	49.780	0.4	109	0.00
47	T	Bromodichloromethane	50.000	49.512	1.0	106	0.00
48	T	Methyl methacrylate	50.000	53.056	-6.1	110	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110425\
Data File : VY023668.D
Acq On : 04 Nov 2025 12:14
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY110425

Quant Time: Nov 05 04:45:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 05 04:41:50 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	1001.883	-0.2	108	0.00
50	S	Toluene-d8	50.000	50.309	-0.6	104	0.00
51	T	4-Methyl-2-Pentanone	250.000	257.714	-3.1	111	0.00
52	CM	Toluene	50.000	51.540	-3.1#	107	0.00
53	T	t-1,3-Dichloropropene	50.000	51.286	-2.6	107	0.00
54	T	cis-1,3-Dichloropropene	50.000	51.251	-2.5	107	0.00
55	T	1,1,2-Trichloroethane	50.000	49.096	1.8	106	0.00
56	T	Ethyl methacrylate	50.000	55.214	-10.4	111	0.00
57	T	1,3-Dichloropropane	50.000	49.813	0.4	106	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	271.549	-8.6	109	0.00
59	T	2-Hexanone	250.000	256.278	-2.5	111	0.00
60	T	Dibromochloromethane	50.000	50.005	-0.0	107	0.00
61	T	1,2-Dibromoethane	50.000	50.038	-0.1	107	0.00
62	S	4-Bromofluorobenzene	50.000	51.484	-3.0	105	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	105	0.00
64	T	Tetrachloroethene	50.000	47.199	5.6	100	0.00
65	PM	Chlorobenzene	50.000	49.832	0.3	106	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	49.452	1.1	106	0.00
67	C	Ethyl Benzene	50.000	52.373	-4.7#	107	0.00
68	T	m/p-Xylenes	100.000	105.195	-5.2	107	0.00
69	T	o-Xylene	50.000	53.114	-6.2	107	0.00
70	T	Styrene	50.000	53.283	-6.6	107	0.00
71	P	Bromoform	50.000	50.360	-0.7	108	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	105	0.00
73	T	Isopropylbenzene	50.000	53.146	-6.3	108	0.00
74	T	N-amyl acetate	50.000	52.899	-5.8	109	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	50.335	-0.7	113	0.00
76	T	1,2,3-Trichloropropane	50.000	47.550	4.9	109	0.00
77	T	Bromobenzene	50.000	50.384	-0.8	107	0.00
78	T	n-propylbenzene	50.000	52.723	-5.4	107	0.00
79	T	2-Chlorotoluene	50.000	51.669	-3.3	107	0.00
80	T	1,3,5-Trimethylbenzene	50.000	53.189	-6.4	107	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	49.252	1.5	108	0.00
82	T	4-Chlorotoluene	50.000	51.412	-2.8	107	0.00
83	T	tert-Butylbenzene	50.000	54.107	-8.2	110	0.00
84	T	1,2,4-Trimethylbenzene	50.000	53.419	-6.8	107	0.00
85	T	sec-Butylbenzene	50.000	53.321	-6.6	109	0.00
86	T	p-Isopropyltoluene	50.000	53.924	-7.8	108	0.00
87	T	1,3-Dichlorobenzene	50.000	50.050	-0.1	106	0.00
88	T	1,4-Dichlorobenzene	50.000	49.051	1.9	105	0.00
89	T	n-Butylbenzene	50.000	54.369	-8.7	109	0.00
90	T	Hexachloroethane	50.000	49.923	0.2	107	0.00
91	T	1,2-Dichlorobenzene	50.000	50.082	-0.2	107	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	47.551	4.9	108	0.00
93	T	1,2,4-Trichlorobenzene	50.000	53.138	-6.3	110	0.00
94	T	Hexachlorobutadiene	50.000	50.535	-1.1	106	0.00
95	T	Naphthalene	50.000	48.012	4.0	114	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110425\
Data File : VY023668.D
Acq On : 04 Nov 2025 12:14
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY110425

Quant Time: Nov 05 04:45:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 05 04:41:50 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	53.559	-7.1	111	0.00

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

Raw Data: **VY023752.D**

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	Alliance	Contract:	POWE02
Lab Code:	ACE	SDG No.:	Q3614
Instrument ID:	MSVOA_Y	Calibration Date/Time:	11/12/2025 10:01
Lab File ID:	VY023752.D	Init. Calib. Date(s):	11/04/2025 11/04/2025
Heated Purge: (Y/N)	Y	Init. Calib. Time(s):	09:19 11:27

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
cis-1,2-Dichloroethene	0.575	0.587		2.09	20
1,1,1-Trichloroethane	0.805	0.810		0.62	20
Benzene	1.316	1.358		3.19	20
Trichloroethene	0.378	0.389		2.91	20
Toluene	0.840	0.900		7.14	20
Ethyl Benzene	1.762	1.933		9.7	20
m/p-Xylenes	0.704	0.769		9.23	20
o-Xylene	0.651	0.718		10.29	20
Isopropylbenzene	3.344	3.789		13.31	20
1,2-Dichloroethane-d4	0.427	0.419		-1.87	20
Dibromofluoromethane	0.312	0.321		2.88	20
Toluene-d8	1.164	1.193		2.49	20
4-Bromofluorobenzene	0.376	0.417		10.9	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\VY111225\
Data File : VY023752.D
Acq On : 12 Nov 2025 10:01
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 14 01:18:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 05 04:41:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	542463	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	778548	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	693308	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	345261	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	227103	49.079	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 98.160%			
35) Dibromofluoromethane	7.634	113	249654	51.312	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.620%			
50) Toluene-d8	10.109	98	929077	51.262	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 102.520%			
62) 4-Bromofluorobenzene	12.408	95	325031	55.455	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 110.920%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	155853	43.768	ug/l	98
3) Chloromethane	2.074	50	214055	42.957	ug/l	99
4) Vinyl Chloride	2.208	62	290034	44.730	ug/l	100
5) Bromomethane	2.598	94	241839	44.340	ug/l	99
6) Chloroethane	2.739	64	210632	47.001	ug/l	98
7) Trichlorofluoromethane	3.062	101	452930	49.598	ug/l	99
8) Diethyl Ether	3.458	74	127491	52.061	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.824	101	249419	49.573	ug/l	98
10) Methyl Iodide	4.013	142	311272	52.391	ug/l	100
11) Tert butyl alcohol	4.866	59	79248	265.604	ug/l #	89
12) 1,1-Dichloroethene	3.793	96	241841	49.898	ug/l	99
13) Acrolein	3.659	56	56726	147.917	ug/l	98
14) Allyl chloride	4.391	41	296624	50.281	ug/l	99
15) Acrylonitrile	5.061	53	256549	274.130	ug/l	99
16) Acetone	3.873	43	340696	296.206	ug/l	99
17) Carbon Disulfide	4.110	76	709324	47.684	ug/l	99
18) Methyl Acetate	4.391	43	119901	47.261	ug/l	98
19) Methyl tert-butyl Ether	5.122	73	609991	54.277	ug/l	98
20) Methylene Chloride	4.622	84	267307	48.141	ug/l	98
21) trans-1,2-Dichloroethene	5.122	96	272626	49.888	ug/l	97
22) Diisopropyl ether	6.025	45	689356	52.442	ug/l	99
23) Vinyl Acetate	5.964	43	1980312	282.304	ug/l	100
24) 1,1-Dichloroethane	5.921	63	436028	49.791	ug/l	100
25) 2-Butanone	6.896	43	378488	284.611	ug/l	99
26) 2,2-Dichloropropane	6.890	77	405422	50.330	ug/l	100
27) cis-1,2-Dichloroethene	6.896	96	318192	50.982	ug/l	99
28) Bromochloromethane	7.250	49	168834	50.352	ug/l	99
29) Tetrahydrofuran	7.262	42	201776	284.902	ug/l	98
30) Chloroform	7.427	83	486957	49.839	ug/l	99
31) Cyclohexane	7.707	56	373665	48.997	ug/l	99
32) 1,1,1-Trichloroethane	7.622	97	439582	50.338	ug/l	100
36) 1,1-Dichloropropene	7.841	75	336435	51.748	ug/l	100
37) Ethyl Acetate	6.988	43	144553	57.434	ug/l	100
38) Carbon Tetrachloride	7.823	117	404231	52.770	ug/l	97
39) Methylcyclohexane	9.109	83	447873	53.914	ug/l	99
40) Benzene	8.085	78	1057576	51.606	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111225\
Data File : VY023752.D
Acq On : 12 Nov 2025 10:01
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 14 01:18:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 05 04:41:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	73481m	53.487	ug/l	
42) 1,2-Dichloroethane	8.158	62	272360	52.532	ug/l	99
43) Isopropyl Acetate	8.201	43	269125	56.911	ug/l	99
44) Trichloroethene	8.866	130	303172	51.507	ug/l	99
45) 1,2-Dichloropropane	9.146	63	234620	51.875	ug/l	97
46) Dibromomethane	9.231	93	151745	54.149	ug/l	99
47) Bromodichloromethane	9.426	83	373574	52.874	ug/l	99
48) Methyl methacrylate	9.225	41	127862	57.229	ug/l	98
49) 1,4-Dioxane	9.231	88	32778	1142.921	ug/l	94
51) 4-Methyl-2-Pentanone	9.999	43	737994	293.452	ug/l	99
52) Toluene	10.170	92	701055	53.583	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	328830	55.004	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	384462	53.676	ug/l	97
55) 1,1,2-Trichloroethane	10.573	97	202168	53.983	ug/l	98
56) Ethyl methacrylate	10.438	69	250544	60.719	ug/l	98
57) 1,3-Dichloropropane	10.719	76	318852	53.676	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	517745	273.439	ug/l	100
59) 2-Hexanone	10.762	43	556162	303.122	ug/l	99
60) Dibromochloromethane	10.914	129	281149	54.637	ug/l	99
61) 1,2-Dibromoethane	11.018	107	192335	54.724	ug/l	99
64) Tetrachloroethene	10.646	164	375348	52.014	ug/l	99
65) Chlorobenzene	11.444	112	795130	52.681	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	283711	53.158	ug/l	99
67) Ethyl Benzene	11.518	91	1340142	54.861	ug/l	98
68) m/p-Xylenes	11.627	106	1066846	109.309	ug/l	99
69) o-Xylene	11.956	106	497753	55.171	ug/l	99
70) Styrene	11.969	104	831999	55.893	ug/l	100
71) Bromoform	12.133	173	179488	57.582	ug/l	99
73) Isopropylbenzene	12.255	105	1308186	56.652	ug/l	99
74) N-amyl acetate	12.072	43	239771	61.329	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	207541	56.274	ug/l	98
76) 1,2,3-Trichloropropane	12.560	75	135408m	48.460	ug/l	
77) Bromobenzene	12.536	156	330972	55.256	ug/l	98
78) n-propylbenzene	12.597	91	1536805	56.580	ug/l	100
79) 2-Chlorotoluene	12.682	91	874697	55.496	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	1064739	56.750	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	71767	58.044	ug/l	99
82) 4-Chlorotoluene	12.779	91	898820	55.295	ug/l	100
83) tert-Butylbenzene	12.999	119	934952	54.715	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	1032214	55.547	ug/l	99
85) sec-Butylbenzene	13.176	105	1362855	55.296	ug/l	100
86) p-Isopropyltoluene	13.292	119	1155519	55.382	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	621543	52.721	ug/l	100
88) 1,4-Dichlorobenzene	13.371	146	606732	52.392	ug/l	99
89) n-Butylbenzene	13.615	91	1022377	56.351	ug/l	99
90) Hexachloroethane	13.883	117	238901	53.282	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	548166	53.955	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	32148	56.614	ug/l	99
93) 1,2,4-Trichlorobenzene	14.919	180	321156	55.264	ug/l	100
94) Hexachlorobutadiene	15.023	225	202421	53.162	ug/l	99
95) Naphthalene	15.145	128	530711	52.002	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	273690	56.369	ug/l	99

Sample Results: **VY023752.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111225\
Data File : VY023752.D
Acq On : 12 Nov 2025 10:01
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 :Amit Patel 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025

Quant Time: Nov 14 01:18:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 05 04:41:50 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\VY111225\
Data File : VY023752.D
Acq On : 12 Nov 2025 10:01
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 14 01:18:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 05 04:41:50 2025
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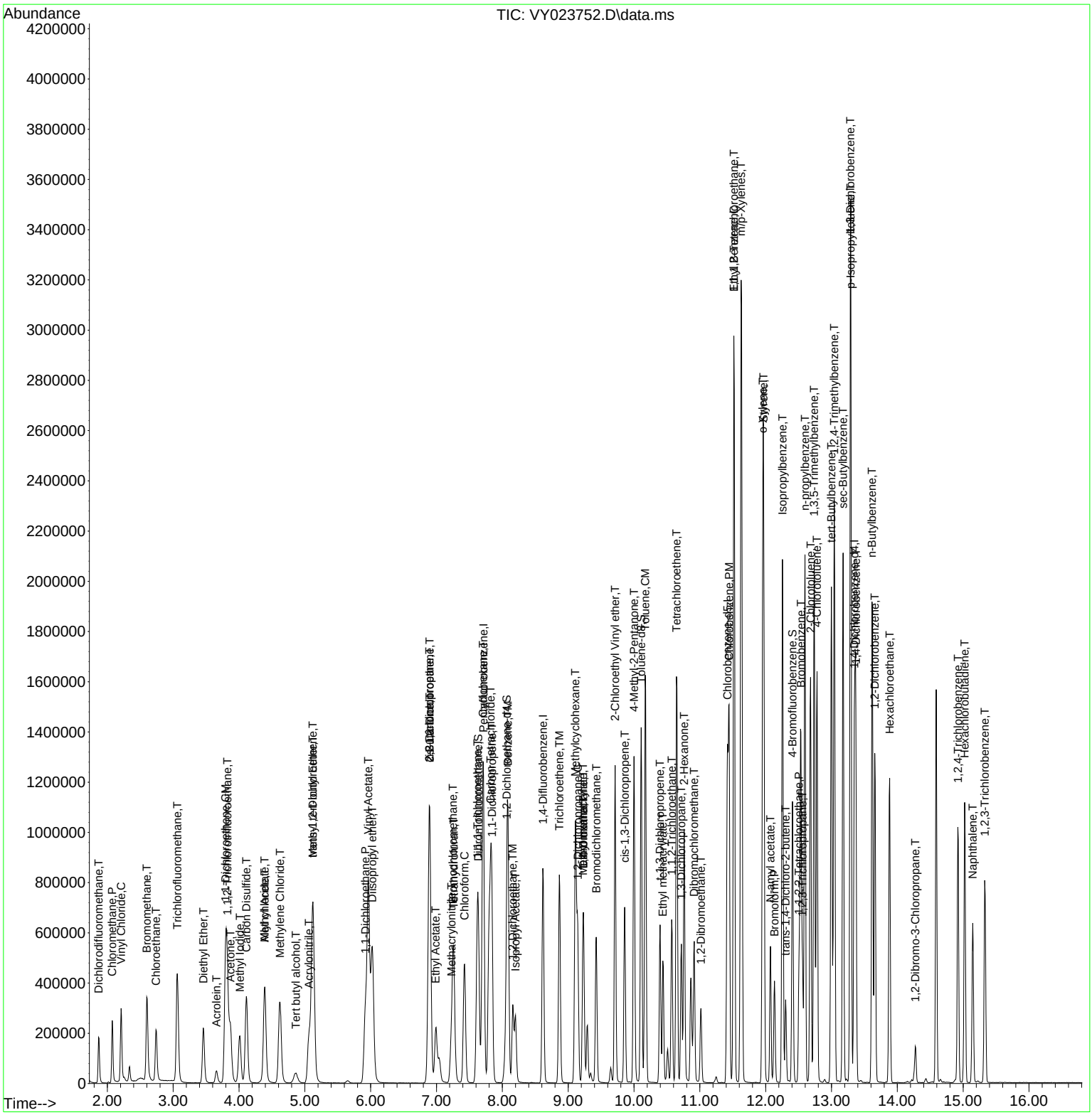
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



Sample Results: **VY023752.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111225\
Data File : VY023752.D
Acq On : 12 Nov 2025 10:01
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: Nov 14 01:18:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 05 04:41:50 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	94	0.00
2	T	Dichlorodifluoromethane	0.328	0.287	12.5	98	0.00
3	P	Chloromethane	0.459	0.395	13.9	90	0.00
4	C	Vinyl Chloride	0.598	0.535	10.5#	92	0.00
5	T	Bromomethane	0.503	0.446	11.3	95	0.00
6	T	Chloroethane	0.413	0.388	6.1	95	0.00
7	T	Trichlorofluoromethane	0.842	0.835	0.8	101	0.00
8	T	Diethyl Ether	0.226	0.235	-4.0	104	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.464	0.460	0.9	100	0.00
10	T	Methyl Iodide	0.548	0.574	-4.7	94	0.00
11	T	Tert butyl alcohol	0.028	0.029	-3.6	120	0.00
12	CM	1,1-Dichloroethene	0.447	0.446	0.2#	100	0.00
13	T	Acrolein	0.035	0.021	40.0#	67	0.00
14	T	Allyl chloride	0.544	0.547	-0.6	98	0.00
15	T	Acrylonitrile	0.086	0.095	-10.5	110	0.00
16	T	Acetone	0.106	0.126	-18.9	125	0.00
17	T	Carbon Disulfide	1.371	1.308	4.6	96	0.00
18	T	Methyl Acetate	0.234	0.221	5.6	99	0.00
19	T	Methyl tert-butyl Ether	1.036	1.124	-8.5	105	0.00
20	T	Methylene Chloride	0.512	0.493	3.7	101	0.00
21	T	trans-1,2-Dichloroethene	0.504	0.503	0.2	97	0.00
22	T	Diisopropyl ether	1.212	1.271	-4.9	98	0.00
23	T	Vinyl Acetate	0.647	0.730	-12.8	105	0.00
24	P	1,1-Dichloroethane	0.807	0.804	0.4	98	0.00
25	T	2-Butanone	0.123	0.140	-13.8	118	0.00
26	T	2,2-Dichloropropane	0.742	0.747	-0.7	99	0.00
27	T	cis-1,2-Dichloroethene	0.575	0.587	-2.1	99	0.00
28	T	Bromochloromethane	0.309	0.311	-0.6	101	0.00
29	T	Tetrahydrofuran	0.065	0.074	-13.8	113	0.00
30	C	Chloroform	0.901	0.898	0.3#	98	0.00
31	T	Cyclohexane	0.703	0.689	2.0	98	0.00
32	T	1,1,1-Trichloroethane	0.805	0.810	-0.6	99	0.00
33	S	1,2-Dichloroethane-d4	0.427	0.419	1.9	97	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	92	0.00
35	S	Dibromofluoromethane	0.312	0.321	-2.9	95	0.00
36	T	1,1-Dichloropropene	0.418	0.432	-3.3	97	0.00
37	T	Ethyl Acetate	0.162	0.186	-14.8	110	0.00
38	T	Carbon Tetrachloride	0.492	0.519	-5.5	100	0.00
39	T	Methylcyclohexane	0.534	0.575	-7.7	98	0.00
40	TM	Benzene	1.316	1.358	-3.2	97	0.00
41	T	Methacrylonitrile	0.088	0.094	-6.8	103	0.00
42	TM	1,2-Dichloroethane	0.333	0.350	-5.1	101	0.00
43	T	Isopropyl Acetate	0.304	0.346	-13.8	108	0.00
44	TM	Trichloroethene	0.378	0.389	-2.9	98	0.00
45	C	1,2-Dichloropropane	0.290	0.301	-3.8#	98	0.00
46	T	Dibromomethane	0.180	0.195	-8.3	104	0.00
47	T	Bromodichloromethane	0.454	0.480	-5.7	100	0.00
48	T	Methyl methacrylate	0.143	0.164	-14.7	104	0.00

Sample Results: **VY023752.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111225\
Data File : VY023752.D
Acq On : 12 Nov 2025 10:01
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: Nov 14 01:18:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 05 04:41:50 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	108	0.00
50	S	Toluene-d8	1.164	1.193	-2.5	93	0.00
51	T	4-Methyl-2-Pentanone	0.162	0.190	-17.3	111	0.00
52	CM	Toluene	0.840	0.900	-7.1#	97	0.00
53	T	t-1,3-Dichloropropene	0.384	0.422	-9.9	101	0.00
54	T	cis-1,3-Dichloropropene	0.460	0.494	-7.4	98	0.00
55	T	1,1,2-Trichloroethane	0.241	0.260	-7.9	102	0.00
56	T	Ethyl methacrylate	0.265	0.322	-21.5	107	0.00
57	T	1,3-Dichloropropane	0.381	0.410	-7.6	100	0.00
58	T	2-Chloroethyl Vinyl ether	0.122	0.133	-9.0	96	0.00
59	T	2-Hexanone	0.118	0.143	-21.2	115	0.00
60	T	Dibromochloromethane	0.330	0.361	-9.4	102	0.00
61	T	1,2-Dibromoethane	0.226	0.247	-9.3	103	0.00
62	S	4-Bromofluorobenzene	0.376	0.417	-10.9	99	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	93	0.00
64	T	Tetrachloroethene	0.520	0.541	-4.0	98	0.00
65	PM	Chlorobenzene	1.088	1.147	-5.4	100	0.00
66	T	1,1,1,2-Tetrachloroethane	0.385	0.409	-6.2	101	0.00
67	C	Ethyl Benzene	1.762	1.933	-9.7#	99	0.00
68	T	m/p-Xylenes	0.704	0.769	-9.2	98	0.00
69	T	o-Xylene	0.651	0.718	-10.3	99	0.00
70	T	Styrene	1.074	1.200	-11.7	99	0.00
71	P	Bromoform	0.225	0.259	-15.1	110	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	91	0.00
73	T	Isopropylbenzene	3.344	3.789	-13.3	100	0.00
74	T	N-amyl acetate	0.566	0.694	-22.6	110	0.00
75	P	1,1,2,2-Tetrachloroethane	0.534	0.601	-12.5	109	0.00
76	T	1,2,3-Trichloropropane	0.405	0.392	3.2	96	0.00
77	T	Bromobenzene	0.867	0.959	-10.6	101	0.00
78	T	n-propylbenzene	3.933	4.451	-13.2	99	0.00
79	T	2-Chlorotoluene	2.283	2.533	-11.0	99	0.00
80	T	1,3,5-Trimethylbenzene	2.717	3.084	-13.5	99	0.00
81	T	trans-1,4-Dichloro-2-butene	0.179	0.208	-16.2	110	0.00
82	T	4-Chlorotoluene	2.354	2.603	-10.6	99	0.00
83	T	tert-Butylbenzene	2.475	2.708	-9.4	96	0.00
84	T	1,2,4-Trimethylbenzene	2.691	2.990	-11.1	97	0.00
85	T	sec-Butylbenzene	3.569	3.947	-10.6	98	0.00
86	T	p-Isopropyltoluene	3.022	3.347	-10.8	96	0.00
87	T	1,3-Dichlorobenzene	1.707	1.800	-5.4	97	0.00
88	T	1,4-Dichlorobenzene	1.677	1.757	-4.8	97	0.00
89	T	n-Butylbenzene	2.627	2.961	-12.7	98	0.00
90	T	Hexachloroethane	0.649	0.692	-6.6	99	0.00
91	T	1,2-Dichlorobenzene	1.471	1.588	-8.0	100	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.082	0.093	-13.4	111	0.00
93	T	1,2,4-Trichlorobenzene	0.842	0.930	-10.5	99	0.00
94	T	Hexachlorobutadiene	0.551	0.586	-6.4	97	0.00
95	T	Naphthalene	1.257	1.537	-22.3	108	0.00

Sample Results: **VY023752.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111225\
Data File : VY023752.D
Acq On : 12 Nov 2025 10:01
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: Nov 14 01:18:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 05 04:41:50 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	0.703	0.793	-12.8	101	0.00

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

Evaluate Continuing Calibration Report

Sample Results: **VY023752.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111225\
Data File : VY023752.D
Acq On : 12 Nov 2025 10:01
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: Nov 14 01:18:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 05 04:41:50 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	94	0.00
2	T	Dichlorodifluoromethane	50.000	43.768	12.5	98	0.00
3	P	Chloromethane	50.000	42.957	14.1	90	0.00
4	C	Vinyl Chloride	50.000	44.730	10.5#	92	0.00
5	T	Bromomethane	50.000	44.340	11.3	95	0.00
6	T	Chloroethane	50.000	47.001	6.0	95	0.00
7	T	Trichlorofluoromethane	50.000	49.598	0.8	101	0.00
8	T	Diethyl Ether	50.000	52.061	-4.1	104	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	49.573	0.9	100	0.00
10	T	Methyl Iodide	50.000	52.391	-4.8	94	0.00
11	T	Tert butyl alcohol	250.000	265.604	-6.2	120	0.00
12	CM	1,1-Dichloroethene	50.000	49.898	0.2#	100	0.00
13	T	Acrolein	250.000	147.917	40.8#	67	0.00
14	T	Allyl chloride	50.000	50.281	-0.6	98	0.00
15	T	Acrylonitrile	250.000	274.130	-9.7	110	0.00
16	T	Acetone	250.000	296.206	-18.5	125	0.00
17	T	Carbon Disulfide	50.000	47.684	4.6	96	0.00
18	T	Methyl Acetate	50.000	47.261	5.5	99	0.00
19	T	Methyl tert-butyl Ether	50.000	54.277	-8.6	105	0.00
20	T	Methylene Chloride	50.000	48.141	3.7	101	0.00
21	T	trans-1,2-Dichloroethene	50.000	49.888	0.2	97	0.00
22	T	Diisopropyl ether	50.000	52.442	-4.9	98	0.00
23	T	Vinyl Acetate	250.000	282.304	-12.9	105	0.00
24	P	1,1-Dichloroethane	50.000	49.791	0.4	98	0.00
25	T	2-Butanone	250.000	284.611	-13.8	118	0.00
26	T	2,2-Dichloropropane	50.000	50.330	-0.7	99	0.00
27	T	cis-1,2-Dichloroethene	50.000	50.982	-2.0	99	0.00
28	T	Bromochloromethane	50.000	50.352	-0.7	101	0.00
29	T	Tetrahydrofuran	250.000	284.902	-14.0	113	0.00
30	C	Chloroform	50.000	49.839	0.3#	98	0.00
31	T	Cyclohexane	50.000	48.997	2.0	98	0.00
32	T	1,1,1-Trichloroethane	50.000	50.338	-0.7	99	0.00
33	S	1,2-Dichloroethane-d4	50.000	49.079	1.8	97	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	92	0.00
35	S	Dibromofluoromethane	50.000	51.312	-2.6	95	0.00
36	T	1,1-Dichloropropene	50.000	51.748	-3.5	97	0.00
37	T	Ethyl Acetate	50.000	57.434	-14.9	110	0.00
38	T	Carbon Tetrachloride	50.000	52.770	-5.5	100	0.00
39	T	Methylcyclohexane	50.000	53.914	-7.8	98	0.00
40	TM	Benzene	50.000	51.606	-3.2	97	0.00
41	T	Methacrylonitrile	50.000	53.487	-7.0	103	0.00
42	TM	1,2-Dichloroethane	50.000	52.532	-5.1	101	0.00
43	T	Isopropyl Acetate	50.000	56.911	-13.8	108	0.00
44	TM	Trichloroethene	50.000	51.507	-3.0	98	0.00
45	C	1,2-Dichloropropane	50.000	51.875	-3.8#	98	0.00
46	T	Dibromomethane	50.000	54.149	-8.3	104	0.00
47	T	Bromodichloromethane	50.000	52.874	-5.7	100	0.00
48	T	Methyl methacrylate	50.000	57.229	-14.5	104	0.00

Sample Results: **VY023752.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111225\
Data File : VY023752.D
Acq On : 12 Nov 2025 10:01
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: Nov 14 01:18:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 05 04:41:50 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	1142.921	-14.3	108	0.00
50	S	Toluene-d8	50.000	51.262	-2.5	93	0.00
51	T	4-Methyl-2-Pentanone	250.000	293.452	-17.4	111	0.00
52	CM	Toluene	50.000	53.583	-7.2#	97	0.00
53	T	t-1,3-Dichloropropene	50.000	55.004	-10.0	101	0.00
54	T	cis-1,3-Dichloropropene	50.000	53.676	-7.4	98	0.00
55	T	1,1,2-Trichloroethane	50.000	53.983	-8.0	102	0.00
56	T	Ethyl methacrylate	50.000	60.719	-21.4	107	0.00
57	T	1,3-Dichloropropane	50.000	53.676	-7.4	100	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	273.439	-9.4	96	0.00
59	T	2-Hexanone	250.000	303.122	-21.2	115	0.00
60	T	Dibromochloromethane	50.000	54.637	-9.3	102	0.00
61	T	1,2-Dibromoethane	50.000	54.724	-9.4	103	0.00
62	S	4-Bromofluorobenzene	50.000	55.455	-10.9	99	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	93	0.00
64	T	Tetrachloroethene	50.000	52.014	-4.0	98	0.00
65	PM	Chlorobenzene	50.000	52.681	-5.4	100	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	53.158	-6.3	101	0.00
67	C	Ethyl Benzene	50.000	54.861	-9.7#	99	0.00
68	T	m/p-Xylenes	100.000	109.309	-9.3	98	0.00
69	T	o-Xylene	50.000	55.171	-10.3	99	0.00
70	T	Styrene	50.000	55.893	-11.8	99	0.00
71	P	Bromoform	50.000	57.582	-15.2	110	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	91	0.00
73	T	Isopropylbenzene	50.000	56.652	-13.3	100	0.00
74	T	N-amyl acetate	50.000	61.329	-22.7	110	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	56.274	-12.5	109	0.00
76	T	1,2,3-Trichloropropane	50.000	48.460	3.1	96	0.00
77	T	Bromobenzene	50.000	55.256	-10.5	101	0.00
78	T	n-propylbenzene	50.000	56.580	-13.2	99	0.00
79	T	2-Chlorotoluene	50.000	55.496	-11.0	99	0.00
80	T	1,3,5-Trimethylbenzene	50.000	56.750	-13.5	99	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	58.044	-16.1	110	0.00
82	T	4-Chlorotoluene	50.000	55.295	-10.6	99	0.00
83	T	tert-Butylbenzene	50.000	54.715	-9.4	96	0.00
84	T	1,2,4-Trimethylbenzene	50.000	55.547	-11.1	97	0.00
85	T	sec-Butylbenzene	50.000	55.296	-10.6	98	0.00
86	T	p-Isopropyltoluene	50.000	55.382	-10.8	96	0.00
87	T	1,3-Dichlorobenzene	50.000	52.721	-5.4	97	0.00
88	T	1,4-Dichlorobenzene	50.000	52.392	-4.8	97	0.00
89	T	n-Butylbenzene	50.000	56.351	-12.7	98	0.00
90	T	Hexachloroethane	50.000	53.282	-6.6	99	0.00
91	T	1,2-Dichlorobenzene	50.000	53.955	-7.9	100	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	56.614	-13.2	111	0.00
93	T	1,2,4-Trichlorobenzene	50.000	55.264	-10.5	99	0.00
94	T	Hexachlorobutadiene	50.000	53.162	-6.3	97	0.00
95	T	Naphthalene	50.000	52.002	-4.0	108	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111225\
Data File : VY023752.D
Acq On : 12 Nov 2025 10:01
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: Nov 14 01:18:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 05 04:41:50 2025
Response via : Initial Calibration

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	56.369	-12.7	101	0.00

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

QC SAMPLE DATA

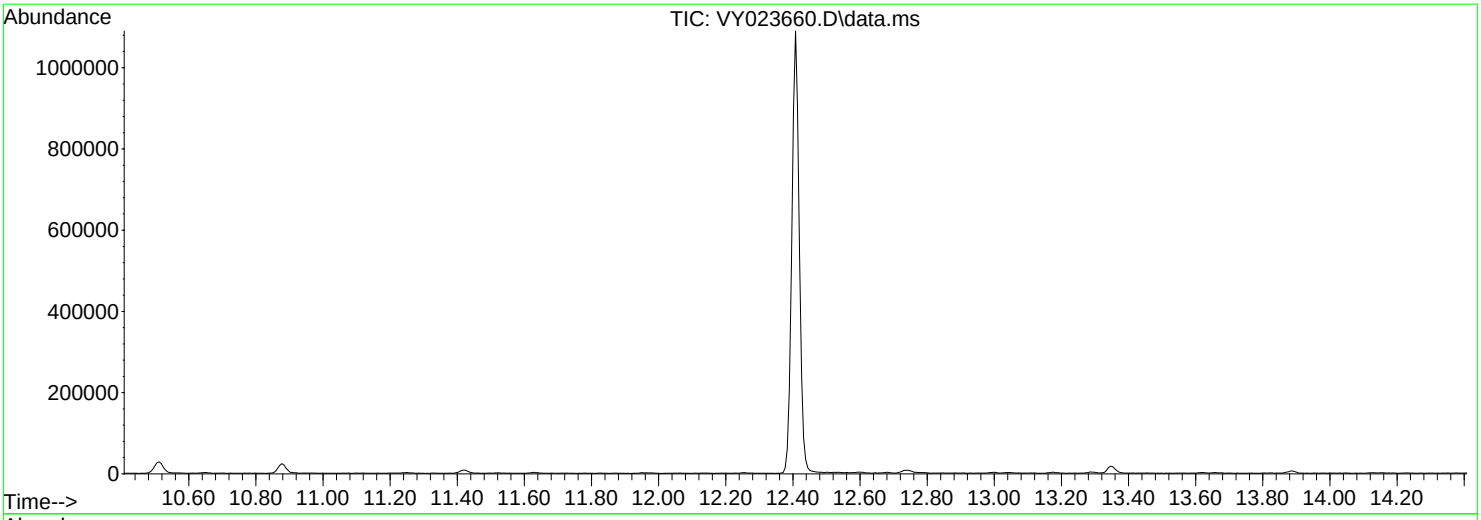
Sample Results: **VY023660.D**

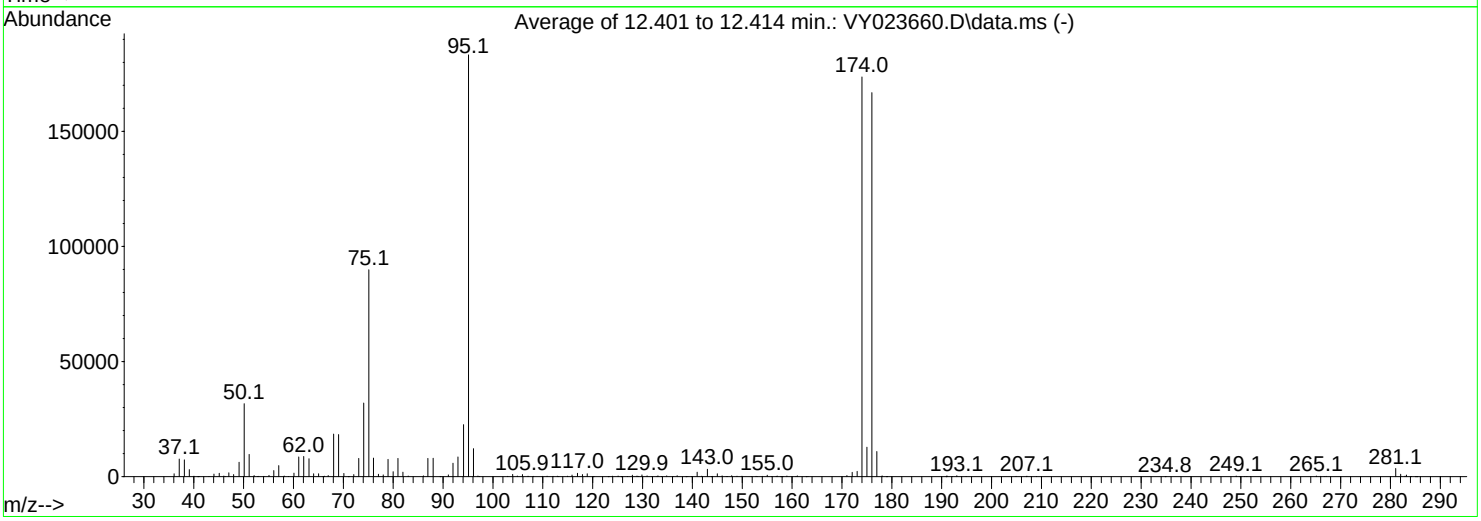
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110425\
Data File : VY023660.D
Acq On : 04 Nov 2025 08:11
Operator : SY/MD
Sample : BFB
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
Title : SW846 8260
Last Update : Wed Nov 05 04:41:50 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	17.3	31677	PASS
75	95	30	60	49.0	89880	PASS
95	95	100	100	100.0	183253	PASS
96	95	5	9	6.7	12193	PASS
173	174	0.00	2	1.3	2292	PASS
174	95	50	100	94.8	173653	PASS
175	174	5	9	7.4	12790	PASS
176	174	95	101	96.1	166869	PASS
177	176	5	9	6.5	10925	PASS

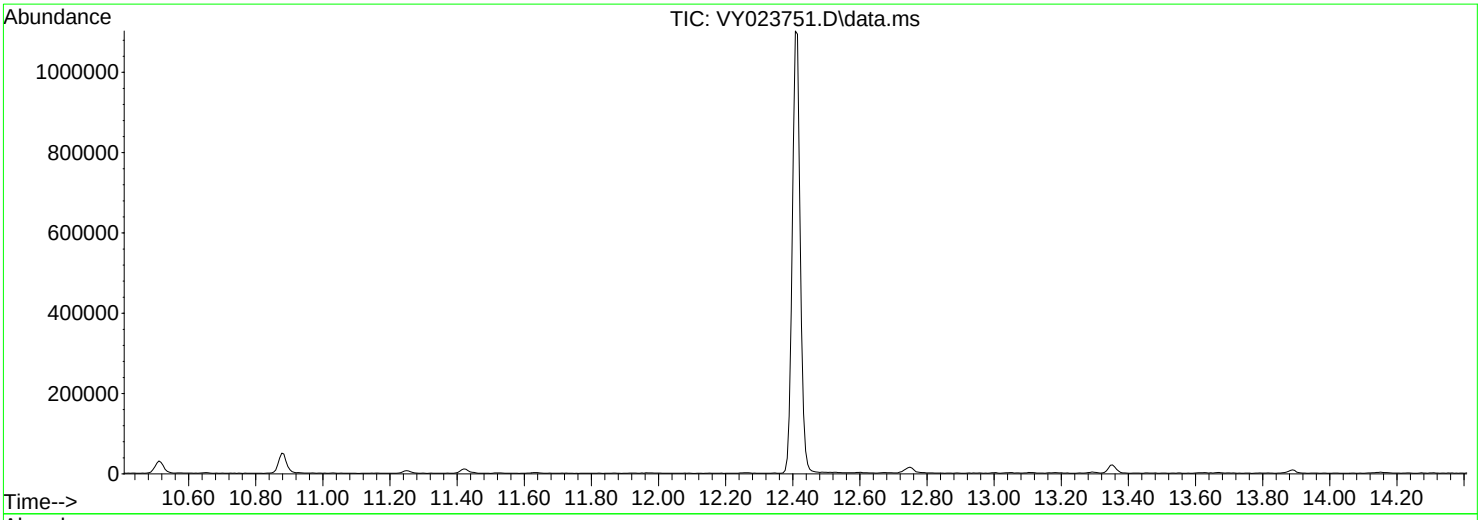
Sample Results: **VY023751.D**

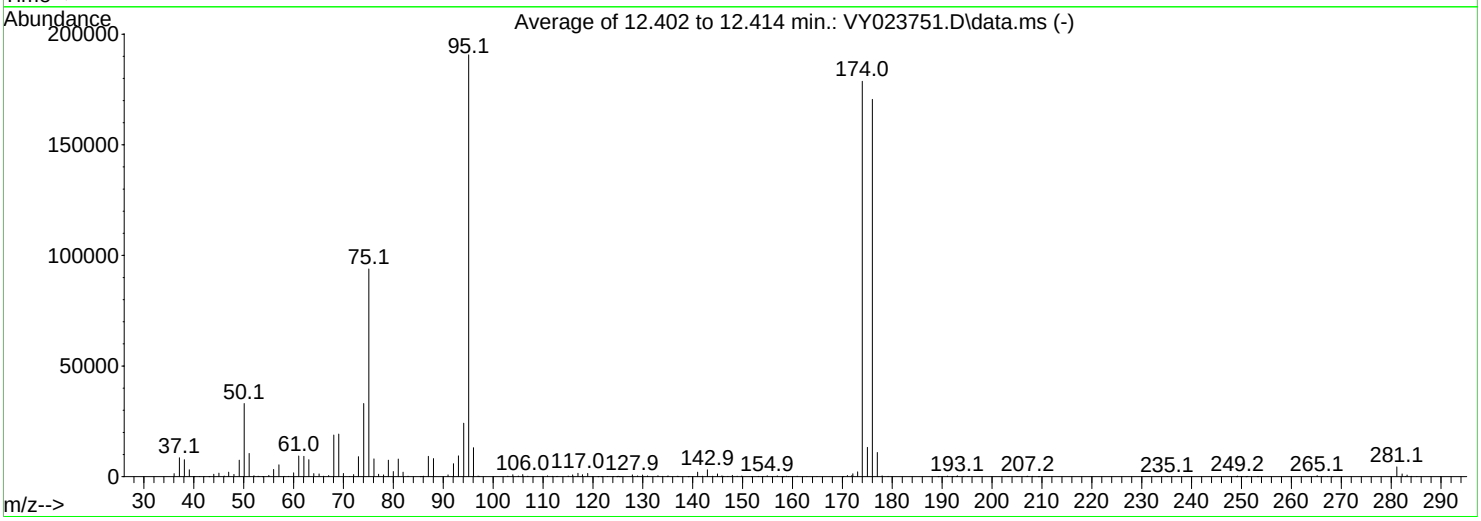
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111225\
Data File : VY023751.D
Acq On : 12 Nov 2025 09:23
Operator : SY/MD
Sample : BFB
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
Title : SW846 8260
Last Update : Wed Nov 05 04:41:50 2025





AutoFind: Scans 1752, 1753, 1754; 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	17.3	33064	PASS
75	95	30	60	49.2	93869	PASS
95	95	100	100	100.0	190677	PASS
96	95	5	9	6.9	13077	PASS
173	174	0.00	2	1.2	2214	PASS
174	95	50	100	93.7	178731	PASS
175	174	5	9	7.4	13246	PASS
176	174	95	101	95.4	170573	PASS
177	176	5	9	6.4	10938	PASS

Raw Data: **VY023753.D**

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

Report of Analysis

Client:	Kleinfelder			Date Collected:	
Project:	Logan School			Date Received:	
Client Sample ID:	VY1112SBL01			SDG No.:	Q3614
Lab Sample ID:	VY1112SBL01			Matrix:	SOIL
Analytical Method:	8260D	Level:	LOW	% Solid:	100
Sample Wt/Vol:	5 g	Final Vol:	5000 uL	Test:	VOCMS Group1

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
156-59-2	cis-1,2-Dichloroethene	0.75	U	1	0.75	5.00	ug/Kg	11/12/25 10:37	vy111225
71-55-6	1,1,1-Trichloroethane	0.93	U	1	0.93	5.00	ug/Kg	11/12/25 10:37	vy111225
71-43-2	Benzene	0.79	U	1	0.79	5.00	ug/Kg	11/12/25 10:37	vy111225
79-01-6	Trichloroethene	0.81	U	1	0.81	5.00	ug/Kg	11/12/25 10:37	vy111225
108-88-3	Toluene	0.78	U	1	0.78	5.00	ug/Kg	11/12/25 10:37	vy111225
100-41-4	Ethyl Benzene	0.67	U	1	0.67	5.00	ug/Kg	11/12/25 10:37	vy111225
1330-20-7	Total Xylenes	2.02	U	1	2.02	15.0	ug/Kg	11/12/25 10:37	vy111225
98-82-8	Isopropylbenzene	0.78	U	1	0.78	5.00	ug/Kg	11/12/25 10:37	vy111225
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	57.4			63 - 155	115%	SPK: 50		
1868-53-7	Dibromofluoromethane	51.1			70 - 134	102%	SPK: 50		
2037-26-5	Toluene-d8	48.1			74 - 123	96%	SPK: 50		
460-00-4	4-Bromofluorobenzene	42.4			52 - 138	85%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	769000							
540-36-3	1,4-Difluorobenzene	1300000							
3114-55-4	Chlorobenzene-d5	1090000							
3855-82-1	1,4-Dichlorobenzene-d4	432000							

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\VY111225\
Data File : VY023753.D
Acq On : 12 Nov 2025 10:37
Operator : SY/MD
Sample : VY1112SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBL01

Quant Time: Nov 14 03:33:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 05 04:41:50 2025
Response via : Initial Calibration

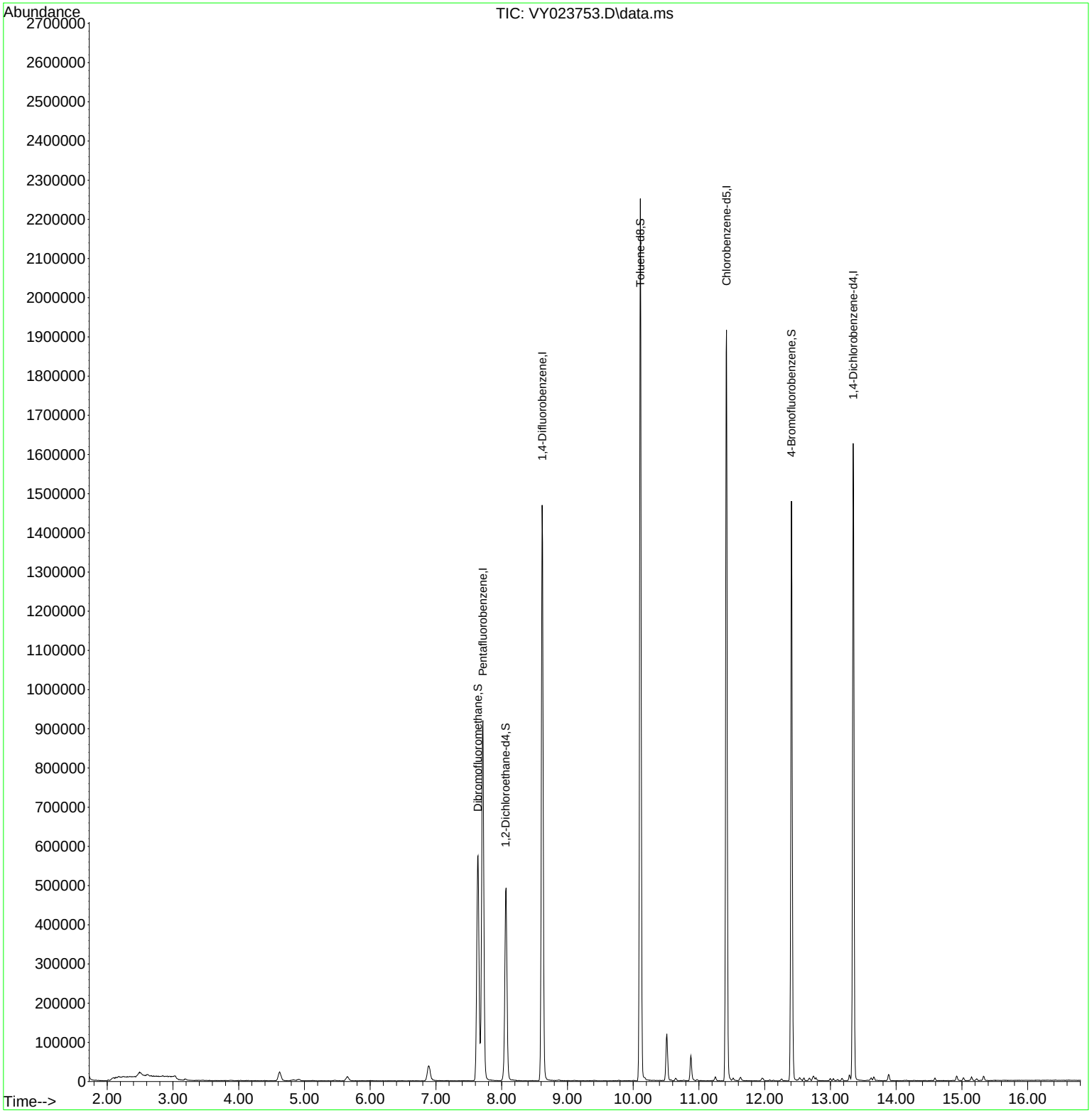
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	769463	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	1302390	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	1092818	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	431668	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	376845	57.414	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 114.820%			
35) Dibromofluoromethane	7.640	113	415926	51.102	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.200%			
50) Toluene-d8	10.109	98	1458000	48.089	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 96.180%			
62) 4-Bromofluorobenzene	12.408	95	415705	42.398	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 84.800%			
Target Compounds						Qvalue

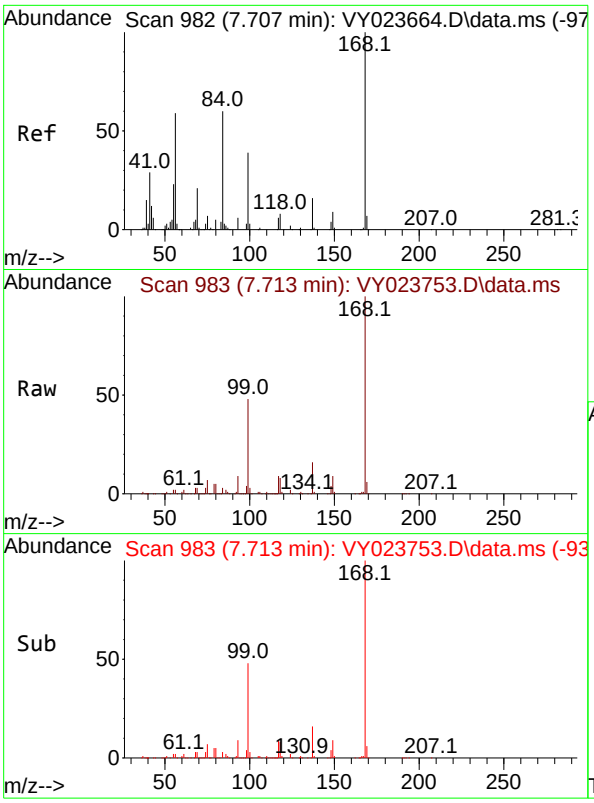
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111225\
Data File : VY023753.D
Acq On : 12 Nov 2025 10:37
Operator : SY/MD
Sample : VY1112SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBL01

Quant Time: Nov 14 03:33:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 05 04:41:50 2025
Response via : Initial Calibration



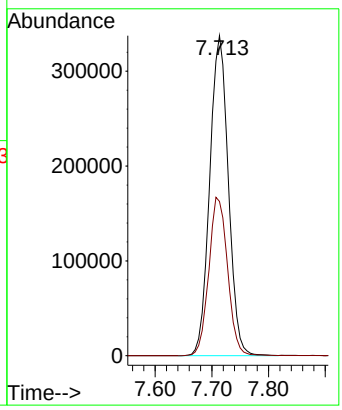


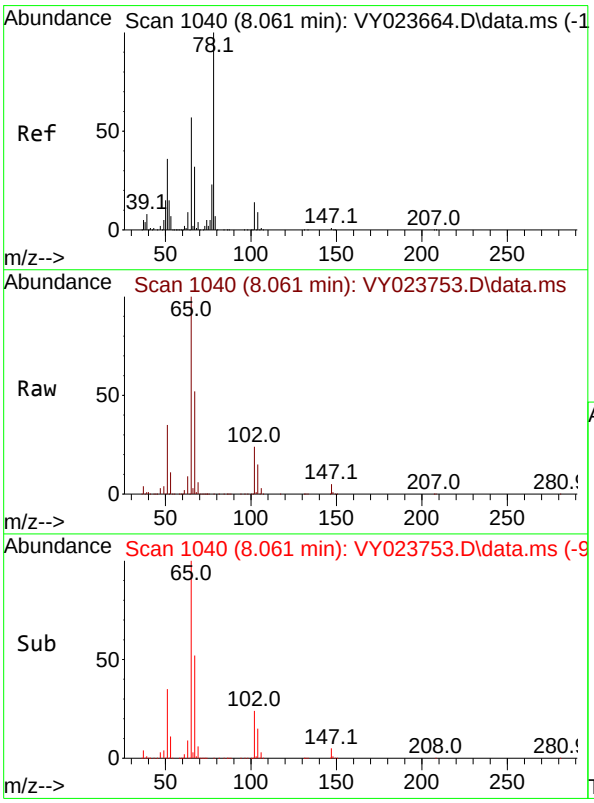
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY023753.D
Acq: 12 Nov 2025 10:37

Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBL01

Tgt Ion:168 Resp: 769463

Ion	Ratio	Lower	Upper
168	100		
99	48.2	41.0	61.4

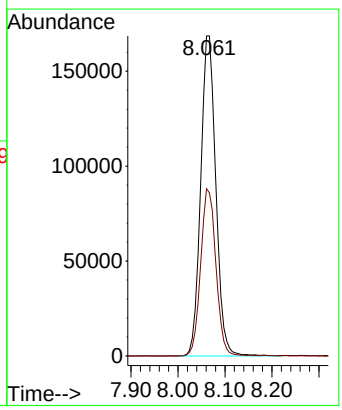


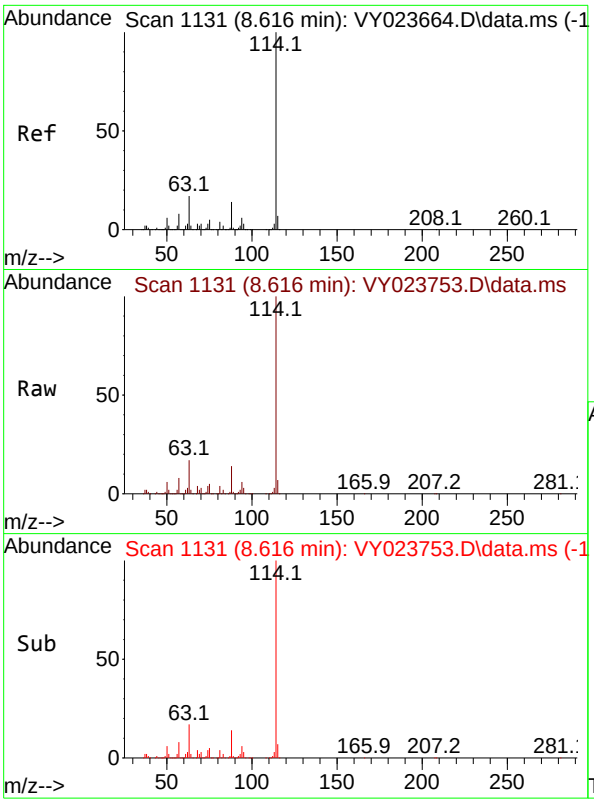


#33
1,2-Dichloroethane-d4
Concen: 57.414 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY023753.D
Acq: 12 Nov 2025 10:37

Tgt Ion: 65 Resp: 376845

Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	107.4



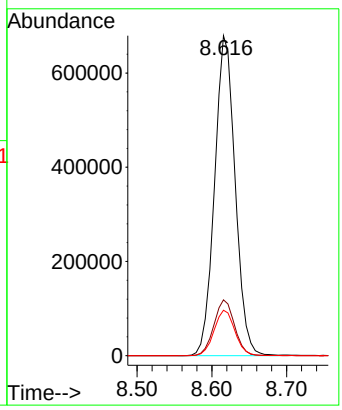


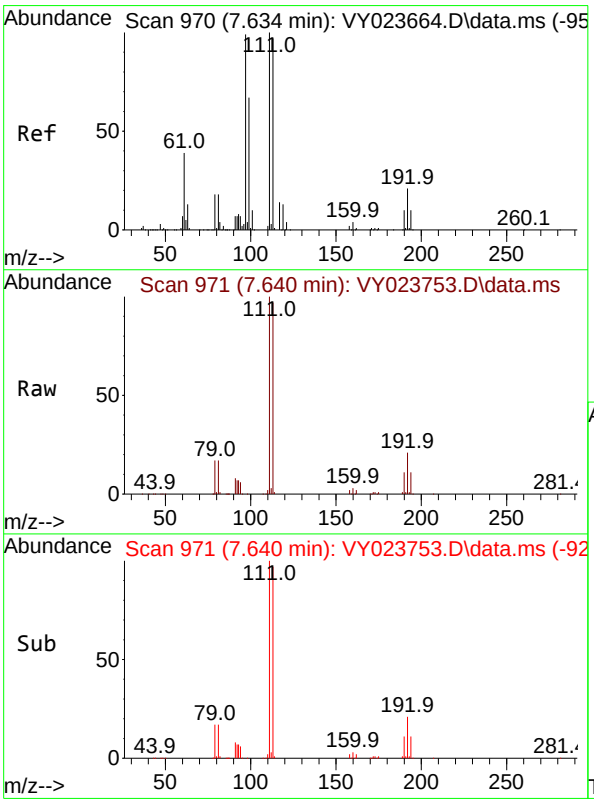
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023753.D
Acq: 12 Nov 2025 10:37

Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBL01

Tgt Ion:114 Resp: 1302390

Ion	Ratio	Lower	Upper
114	100		
63	17.4	0.0	33.8
88	14.2	0.0	29.0

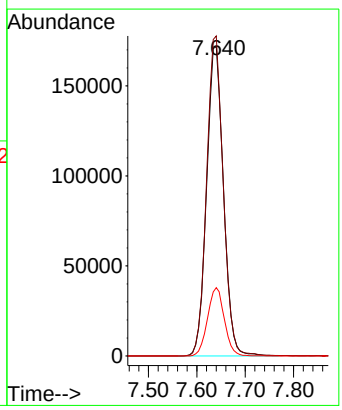


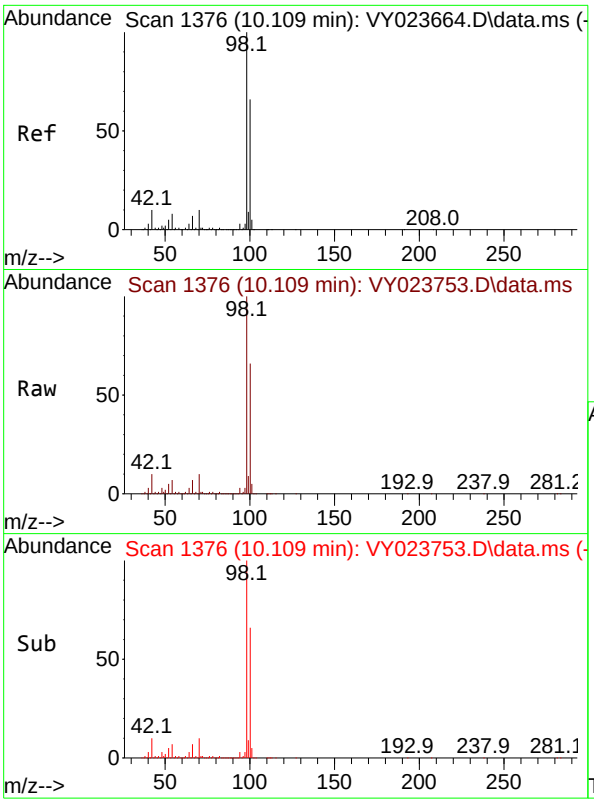


#35
Dibromofluoromethane
Concen: 51.102 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY023753.D
Acq: 12 Nov 2025 10:37

Tgt Ion:113 Resp: 415926

Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.2	123.4
192	22.0	17.3	25.9



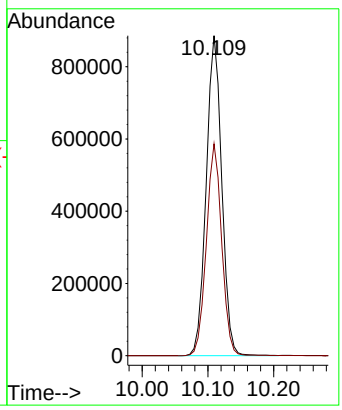


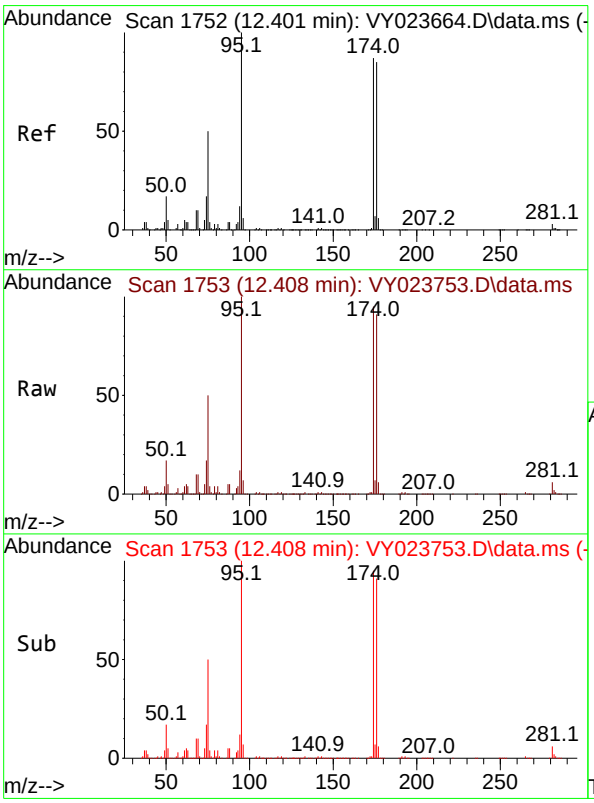
#50
Toluene-d8
Concen: 48.089 ug/l
RT: 10.109 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023753.D
Acq: 12 Nov 2025 10:37

Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBL01

Tgt Ion: 98 Resp: 1458000

Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.7	79.1

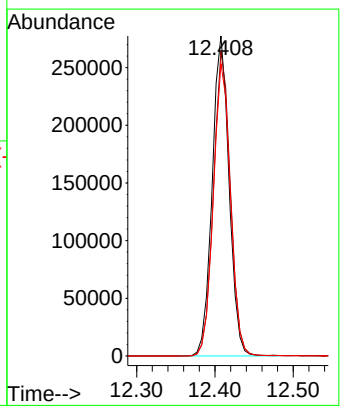


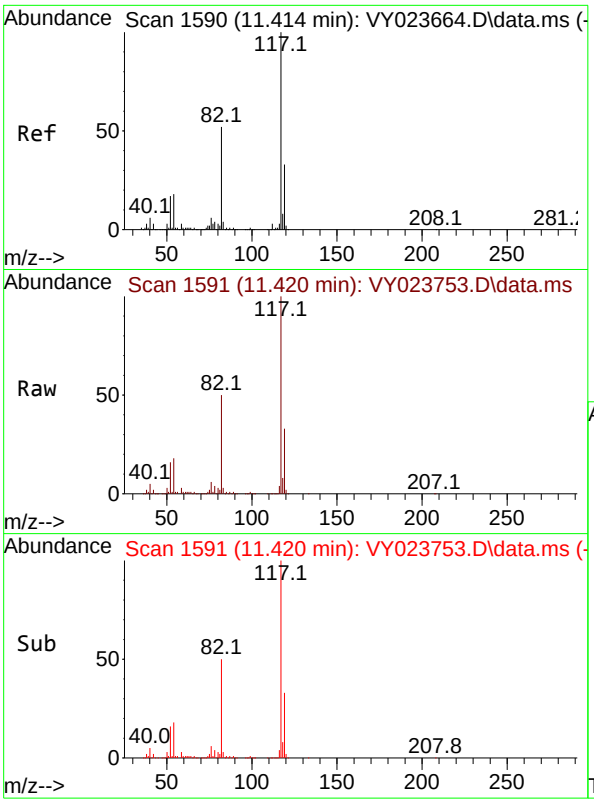


#62
4-Bromofluorobenzene
Concen: 42.398 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023753.D
Acq: 12 Nov 2025 10:37

Tgt Ion: 95 Resp: 415705

Ion	Ratio	Lower	Upper
95	100		
174	95.9	0.0	184.8
176	92.6	0.0	181.6



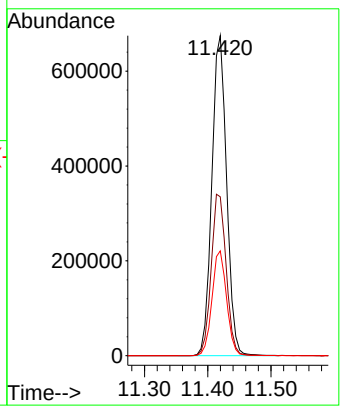


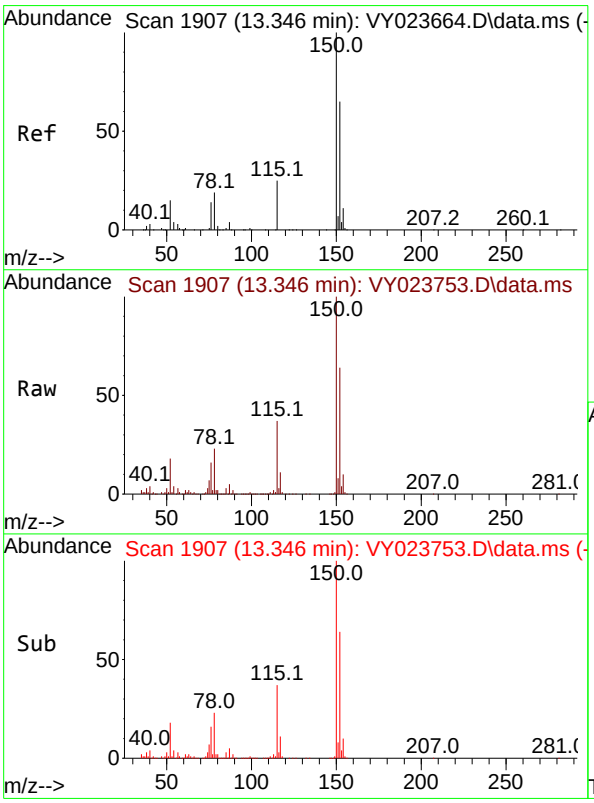
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023753.D
Acq: 12 Nov 2025 10:37

Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBL01

Tgt Ion:117 Resp: 1092818

Ion	Ratio	Lower	Upper
117	100		
82	49.6	41.2	61.8
119	32.7	26.2	39.2

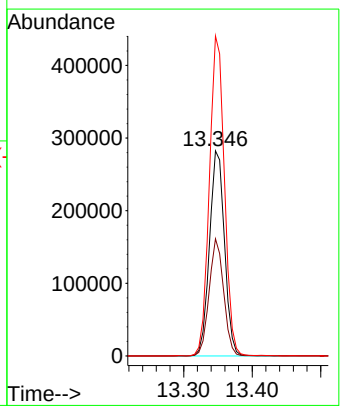




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY023753.D
Acq: 12 Nov 2025 10:37

Tgt Ion:152 Resp: 431668

Ion	Ratio	Lower	Upper
152	100		
115	55.2	27.5	82.5
150	155.9	0.0	349.0



Raw Data: **VY023754.D**

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

Report of Analysis

Client:	Kleinfelder			Date Collected:	
Project:	Logan School			Date Received:	
Client Sample ID:	VY1112SBS01			SDG No.:	Q3614
Lab Sample ID:	VY1112SBS01			Matrix:	SOIL
Analytical Method:	8260D	Level:	LOW	% Solid:	100
Sample Wt/Vol:	5 g	Final Vol:	5000 uL	Test:	VOCMS Group1

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
156-59-2	cis-1,2-Dichloroethene	19.6		1	0.75	5.00	ug/Kg	11/12/25 11:04	vy111225
71-55-6	1,1,1-Trichloroethane	20.1		1	0.93	5.00	ug/Kg	11/12/25 11:04	vy111225
71-43-2	Benzene	20.1		1	0.79	5.00	ug/Kg	11/12/25 11:04	vy111225
79-01-6	Trichloroethene	20.1		1	0.81	5.00	ug/Kg	11/12/25 11:04	vy111225
108-88-3	Toluene	20.6		1	0.78	5.00	ug/Kg	11/12/25 11:04	vy111225
100-41-4	Ethyl Benzene	20.2		1	0.67	5.00	ug/Kg	11/12/25 11:04	vy111225
1330-20-7	Total Xylenes	60.8		1	2.02	15.0	ug/Kg	11/12/25 11:04	vy111225
98-82-8	Isopropylbenzene	19.8		1	0.78	5.00	ug/Kg	11/12/25 11:04	vy111225
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	49.4			63 - 155	99%	SPK: 50		
1868-53-7	Dibromofluoromethane	50.6			70 - 134	101%	SPK: 50		
2037-26-5	Toluene-d8	51.3			74 - 123	103%	SPK: 50		
460-00-4	4-Bromofluorobenzene	51.8			52 - 138	104%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	546000							
540-36-3	1,4-Difluorobenzene	797000							
3114-55-4	Chlorobenzene-d5	696000							
3855-82-1	1,4-Dichlorobenzene-d4	358000							

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\VY111225\
Data File : VY023754.D
Acq On : 12 Nov 2025 11:04
Operator : SY/MD
Sample : VY1112SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 14 03:35:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 05 04:41:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBS01

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	546007	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	796865	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	695921	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	358224	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	230153	49.416	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 98.840%			
35) Dibromofluoromethane	7.634	113	251781	50.560	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.120%			
50) Toluene-d8	10.109	98	950745	51.252	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 102.500%			
62) 4-Bromofluorobenzene	12.408	95	310594	51.774	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 103.540%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	75861	21.166	ug/l	96
3) Chloromethane	2.074	50	95473	19.035	ug/l	98
4) Vinyl Chloride	2.208	62	125898	19.291	ug/l	99
5) Bromomethane	2.592	94	110591	20.145	ug/l	98
6) Chloroethane	2.739	64	86569	19.192	ug/l	99
7) Trichlorofluoromethane	3.062	101	193065	21.004	ug/l	99
8) Diethyl Ether	3.458	74	51199	20.771	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.818	101	103910	20.518	ug/l	99
10) Methyl Iodide	4.007	142	104268	17.436	ug/l	100
11) Tert butyl alcohol	4.854	59	32054	106.733	ug/l	98
12) 1,1-Dichloroethene	3.793	96	96315	19.743	ug/l	94
13) Acrolein	3.659	56	32635	84.546	ug/l	95
14) Allyl chloride	4.385	41	116750	19.662	ug/l	99
15) Acrylonitrile	5.061	53	95226	101.091	ug/l	98
16) Acetone	3.866	43	131027	113.177	ug/l	96
17) Carbon Disulfide	4.110	76	295046	19.705	ug/l	100
18) Methyl Acetate	4.391	43	39801	15.586	ug/l	97
19) Methyl tert-butyl Ether	5.116	73	223019	19.715	ug/l	99
20) Methylene Chloride	4.622	84	112698	20.165	ug/l	98
21) trans-1,2-Dichloroethene	5.116	96	108183	19.668	ug/l	98
22) Diisopropyl ether	6.018	45	268058	20.260	ug/l	92
23) Vinyl Acetate	5.964	43	743253	105.267	ug/l	99
24) 1,1-Dichloroethane	5.915	63	175299	19.888	ug/l	99
25) 2-Butanone	6.896	43	143833	107.456	ug/l	99
26) 2,2-Dichloropropane	6.890	77	160319	19.773	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	123095	19.595	ug/l	100
28) Bromochloromethane	7.250	49	68160	20.196	ug/l	99
29) Tetrahydrofuran	7.262	42	70757	99.258	ug/l	100
30) Chloroform	7.427	83	192666	19.591	ug/l	99
31) Cyclohexane	7.701	56	152164	19.823	ug/l	96
32) 1,1,1-Trichloroethane	7.622	97	176895	20.125	ug/l	100
36) 1,1-Dichloropropene	7.835	75	136108	20.454	ug/l	99
37) Ethyl Acetate	6.988	43	55113	21.394	ug/l	96
38) Carbon Tetrachloride	7.823	117	160196	20.432	ug/l	98
39) Methylcyclohexane	9.109	83	170328	20.032	ug/l	98
40) Benzene	8.079	78	422366	20.136	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111225\
Data File : VY023754.D
Acq On : 12 Nov 2025 11:04
Operator : SY/MD
Sample : VY1112SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 14 03:35:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 05 04:41:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBS01

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.220	41	26488	18.837	ug/l		93
42) 1,2-Dichloroethane	8.158	62	107624	20.281	ug/l		98
43) Isopropyl Acetate	8.195	43	98243	20.297	ug/l		98
44) Trichloroethene	8.866	130	121333	20.140	ug/l		100
45) 1,2-Dichloropropane	9.140	63	91399	19.744	ug/l		100
46) Dibromomethane	9.231	93	56733	19.779	ug/l		99
47) Bromodichloromethane	9.426	83	146486	20.256	ug/l		98
48) Methyl methacrylate	9.225	41	42932	18.774	ug/l		93
49) 1,4-Dioxane	9.231	88	11767	400.867	ug/l	#	96
51) 4-Methyl-2-Pentanone	9.999	43	266672	103.601	ug/l		99
52) Toluene	10.170	92	275871	20.601	ug/l		97
53) t-1,3-Dichloropropene	10.396	75	121908	19.923	ug/l		99
54) cis-1,3-Dichloropropene	9.859	75	146970	20.047	ug/l		98
55) 1,1,2-Trichloroethane	10.573	97	75882	19.796	ug/l		98
56) Ethyl methacrylate	10.438	69	85323	20.203	ug/l		99
57) 1,3-Dichloropropane	10.719	76	123192	20.262	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.713	63	192429	99.292	ug/l		100
59) 2-Hexanone	10.762	43	202789	107.985	ug/l		99
60) Dibromochloromethane	10.914	129	105980	20.122	ug/l		100
61) 1,2-Dibromoethane	11.018	107	72340	20.109	ug/l		99
64) Tetrachloroethene	10.646	164	144882	20.002	ug/l		95
65) Chlorobenzene	11.444	112	300999	19.868	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.518	131	105628	19.717	ug/l		98
67) Ethyl Benzene	11.518	91	495224	20.197	ug/l		97
68) m/p-Xylenes	11.627	106	401550	40.988	ug/l		100
69) o-Xylene	11.956	106	179658	19.839	ug/l		99
70) Styrene	11.969	104	300983	20.144	ug/l		100
71) Bromoform	12.133	173	63763	20.379	ug/l	#	99
73) Isopropylbenzene	12.255	105	475092	19.830	ug/l		100
74) N-amyl acetate	12.072	43	78890	19.449	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.505	83	75530	19.739	ug/l		98
76) 1,2,3-Trichloropropane	12.560	75	59053m	20.369	ug/l		
77) Bromobenzene	12.536	156	121816	19.601	ug/l		98
78) n-propylbenzene	12.597	91	562853	19.972	ug/l		99
79) 2-Chlorotoluene	12.682	91	322130	19.698	ug/l		99
80) 1,3,5-Trimethylbenzene	12.737	105	392909	20.184	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.304	75	25027	19.509	ug/l		99
82) 4-Chlorotoluene	12.779	91	338093	20.047	ug/l		100
83) tert-Butylbenzene	12.999	119	342262	19.305	ug/l		99
84) 1,2,4-Trimethylbenzene	13.042	105	390413	20.249	ug/l		100
85) sec-Butylbenzene	13.176	105	516942	20.215	ug/l		100
86) p-Isopropyltoluene	13.292	119	432225	19.966	ug/l		99
87) 1,3-Dichlorobenzene	13.285	146	236767	19.357	ug/l		99
88) 1,4-Dichlorobenzene	13.365	146	235098	19.566	ug/l		99
89) n-Butylbenzene	13.621	91	370888	19.703	ug/l		100
90) Hexachloroethane	13.883	117	90499	19.454	ug/l		99
91) 1,2-Dichlorobenzene	13.657	146	206816	19.620	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	10802	18.334	ug/l		95
93) 1,2,4-Trichlorobenzene	14.919	180	112897	18.724	ug/l		100
94) Hexachlorobutadiene	15.023	225	74687	18.905	ug/l		98
95) Naphthalene	15.145	128	164618	19.235	ug/l		100
96) 1,2,3-Trichlorobenzene	15.328	180	95857	19.028	ug/l		99

Sample Results: **VY023754.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111225\
Data File : VY023754.D
Acq On : 12 Nov 2025 11:04
Operator : SY/MD
Sample : VY1112SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 14 03:35:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 05 04:41:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBS01

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025

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

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

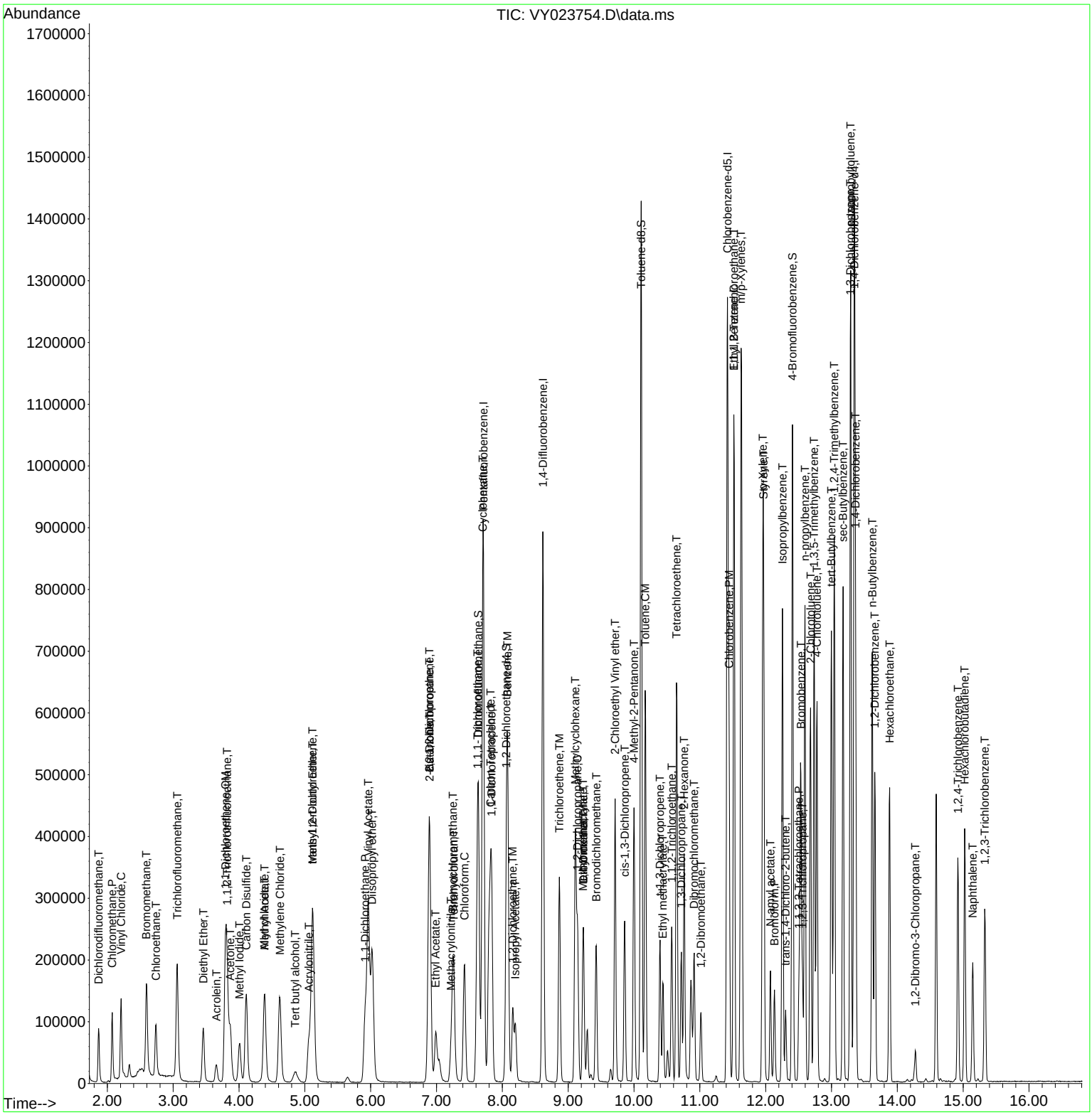
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111225\
Data File : VY023754.D
Acq On : 12 Nov 2025 11:04
Operator : SY/MD
Sample : VY1112SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 14 03:35:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 05 04:41:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBS01

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



Raw Data: **VY023755.D**

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

Report of Analysis

Client:	Kleinfelder			Date Collected:	
Project:	Logan School			Date Received:	
Client Sample ID:	VY1112SBSD01			SDG No.:	Q3614
Lab Sample ID:	VY1112SBSD01			Matrix:	SOIL
Analytical Method:	8260D	Level:	LOW	% Solid:	100
Sample Wt/Vol:	5 g	Final Vol:	5000 uL	Test:	VOCMS Group1

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
156-59-2	cis-1,2-Dichloroethene	20.7		1	0.75	5.00	ug/Kg	11/12/25 11:27	vy111225
71-55-6	1,1,1-Trichloroethane	21.1		1	0.93	5.00	ug/Kg	11/12/25 11:27	vy111225
71-43-2	Benzene	20.8		1	0.79	5.00	ug/Kg	11/12/25 11:27	vy111225
79-01-6	Trichloroethene	20.6		1	0.81	5.00	ug/Kg	11/12/25 11:27	vy111225
108-88-3	Toluene	20.7		1	0.78	5.00	ug/Kg	11/12/25 11:27	vy111225
100-41-4	Ethyl Benzene	21.1		1	0.67	5.00	ug/Kg	11/12/25 11:27	vy111225
1330-20-7	Total Xylenes	63.0		1	2.02	15.0	ug/Kg	11/12/25 11:27	vy111225
98-82-8	Isopropylbenzene	21.0		1	0.78	5.00	ug/Kg	11/12/25 11:27	vy111225
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	50.9			63 - 155	102%	SPK: 50		
1868-53-7	Dibromofluoromethane	50.2			70 - 134	100%	SPK: 50		
2037-26-5	Toluene-d8	50.6			74 - 123	101%	SPK: 50		
460-00-4	4-Bromofluorobenzene	50.1			52 - 138	100%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	550000							
540-36-3	1,4-Difluorobenzene	816000							
3114-55-4	Chlorobenzene-d5	694000							
3855-82-1	1,4-Dichlorobenzene-d4	350000							

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\VY111225\
Data File : VY023755.D
Acq On : 12 Nov 2025 11:27
Operator : SY/MD
Sample : VY1112SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 14 03:36:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 05 04:41:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBSD01

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	549741	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	816418	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	694367	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	349899	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	238840	50.932	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.860%			
35) Dibromofluoromethane	7.634	113	256341	50.243	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.480%			
50) Toluene-d8	10.109	98	960728	50.550	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.100%			
62) 4-Bromofluorobenzene	12.402	95	307726	50.067	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 100.140%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	77006	21.339	ug/l	99
3) Chloromethane	2.074	50	97369	19.282	ug/l	96
4) Vinyl Chloride	2.208	62	128988	19.630	ug/l	99
5) Bromomethane	2.592	94	110135	19.925	ug/l	96
6) Chloroethane	2.739	64	88778	19.548	ug/l	99
7) Trichlorofluoromethane	3.062	101	192794	20.832	ug/l	99
8) Diethyl Ether	3.458	74	53590	21.594	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.818	101	108244	21.229	ug/l	98
10) Methyl Iodide	4.007	142	117521	19.518	ug/l	98
11) Tert butyl alcohol	4.854	59	36059	119.254	ug/l	99
12) 1,1-Dichloroethene	3.793	96	103569	21.086	ug/l	99
13) Acrolein	3.659	56	36994	95.187	ug/l	98
14) Allyl chloride	4.391	41	127230	21.281	ug/l	97
15) Acrylonitrile	5.067	53	102512	108.087	ug/l	100
16) Acetone	3.873	43	141684	121.551	ug/l	99
17) Carbon Disulfide	4.110	76	313135	20.772	ug/l	99
18) Methyl Acetate	4.391	43	41922	16.305	ug/l	95
19) Methyl tert-butyl Ether	5.122	73	241416	21.197	ug/l	97
20) Methylene Chloride	4.616	84	120421	21.400	ug/l	96
21) trans-1,2-Dichloroethene	5.116	96	114377	20.653	ug/l	96
22) Diisopropyl ether	6.025	45	289430	21.727	ug/l	96
23) Vinyl Acetate	5.964	43	803469	113.022	ug/l	97
24) 1,1-Dichloroethane	5.921	63	182684	20.585	ug/l	98
25) 2-Butanone	6.896	43	157019	116.510	ug/l	100
26) 2,2-Dichloropropane	6.890	77	174264	21.347	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	130664	20.658	ug/l	98
28) Bromochloromethane	7.250	49	71233	20.963	ug/l	100
29) Tetrahydrofuran	7.262	42	78052	108.748	ug/l	97
30) Chloroform	7.421	83	202312	20.432	ug/l	99
31) Cyclohexane	7.707	56	164424	21.275	ug/l	94
32) 1,1,1-Trichloroethane	7.622	97	186759	21.103	ug/l	99
36) 1,1-Dichloropropene	7.841	75	141845	20.805	ug/l	99
37) Ethyl Acetate	6.982	43	57256	21.694	ug/l	98
38) Carbon Tetrachloride	7.823	117	169607	21.114	ug/l	98
39) Methylcyclohexane	9.109	83	179638	20.621	ug/l	96
40) Benzene	8.085	78	446990	20.800	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111225\
Data File : VY023755.D
Acq On : 12 Nov 2025 11:27
Operator : SY/MD
Sample : VY1112SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 14 03:36:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 05 04:41:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBSD01

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.220	41	28804m	19.994	ug/l		
42) 1,2-Dichloroethane	8.158	62	114100	20.986	ug/l		99
43) Isopropyl Acetate	8.201	43	105238	21.222	ug/l		99
44) Trichloroethene	8.866	130	127006	20.577	ug/l		99
45) 1,2-Dichloropropane	9.140	63	96335	20.312	ug/l		99
46) Dibromomethane	9.231	93	60762	20.677	ug/l		100
47) Bromodichloromethane	9.420	83	153250	20.684	ug/l		96
48) Methyl methacrylate	9.225	41	47611	20.321	ug/l		97
49) 1,4-Dioxane	9.231	88	13008	432.531	ug/l		97
51) 4-Methyl-2-Pentanone	10.000	43	287798	109.130	ug/l		98
52) Toluene	10.170	92	284485	20.735	ug/l		100
53) t-1,3-Dichloropropene	10.396	75	131005	20.897	ug/l		97
54) cis-1,3-Dichloropropene	9.853	75	158694	21.128	ug/l		98
55) 1,1,2-Trichloroethane	10.573	97	81422	20.733	ug/l		96
56) Ethyl methacrylate	10.438	69	90516	20.919	ug/l		99
57) 1,3-Dichloropropane	10.719	76	127409	20.453	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.713	63	207410	104.459	ug/l		100
59) 2-Hexanone	10.762	43	219985	114.336	ug/l		99
60) Dibromochloromethane	10.914	129	110883	20.549	ug/l		99
61) 1,2-Dibromoethane	11.018	107	74553	20.228	ug/l		99
64) Tetrachloroethene	10.646	164	151096	20.906	ug/l		98
65) Chlorobenzene	11.438	112	313170	20.717	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.518	131	110058	20.590	ug/l		98
67) Ethyl Benzene	11.518	91	516183	21.099	ug/l		97
68) m/p-Xylenes	11.627	106	411561	42.104	ug/l		99
69) o-Xylene	11.956	106	188964	20.913	ug/l		99
70) Styrene	11.969	104	313157	21.005	ug/l		99
71) Bromoform	12.133	173	65706	21.047	ug/l	#	98
73) Isopropylbenzene	12.255	105	491524	21.004	ug/l		99
74) N-amyl acetate	12.072	43	85724	21.636	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.505	83	79468	21.262	ug/l		98
76) 1,2,3-Trichloropropane	12.554	75	58568m	20.682	ug/l		
77) Bromobenzene	12.530	156	127328	20.976	ug/l		98
78) n-propylbenzene	12.591	91	584545	21.236	ug/l		99
79) 2-Chlorotoluene	12.676	91	335651	21.013	ug/l		99
80) 1,3,5-Trimethylbenzene	12.737	105	405620	21.333	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.304	75	25025	19.972	ug/l		93
82) 4-Chlorotoluene	12.780	91	348395	21.149	ug/l		99
83) tert-Butylbenzene	12.993	119	359841	20.779	ug/l		100
84) 1,2,4-Trimethylbenzene	13.042	105	398224	21.146	ug/l		100
85) sec-Butylbenzene	13.176	105	526022	21.060	ug/l		100
86) p-Isopropyltoluene	13.292	119	442600	20.932	ug/l		100
87) 1,3-Dichlorobenzene	13.286	146	243286	20.363	ug/l		99
88) 1,4-Dichlorobenzene	13.365	146	243795	20.773	ug/l		99
89) n-Butylbenzene	13.615	91	376156	20.458	ug/l		100
90) Hexachloroethane	13.877	117	90369	19.888	ug/l		100
91) 1,2-Dichlorobenzene	13.657	146	214583	20.841	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	11936	20.741	ug/l		97
93) 1,2,4-Trichlorobenzene	14.919	180	118044	20.044	ug/l		100
94) Hexachlorobutadiene	15.023	225	77214	20.010	ug/l		98
95) Naphthalene	15.145	128	177293	20.669	ug/l		99
96) 1,2,3-Trichlorobenzene	15.328	180	101369	20.601	ug/l		99

Sample Results: **VY023755.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111225\
Data File : VY023755.D
Acq On : 12 Nov 2025 11:27
Operator : SY/MD
Sample : VY1112SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 14 03:36:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 05 04:41:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBSD01

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025

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

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

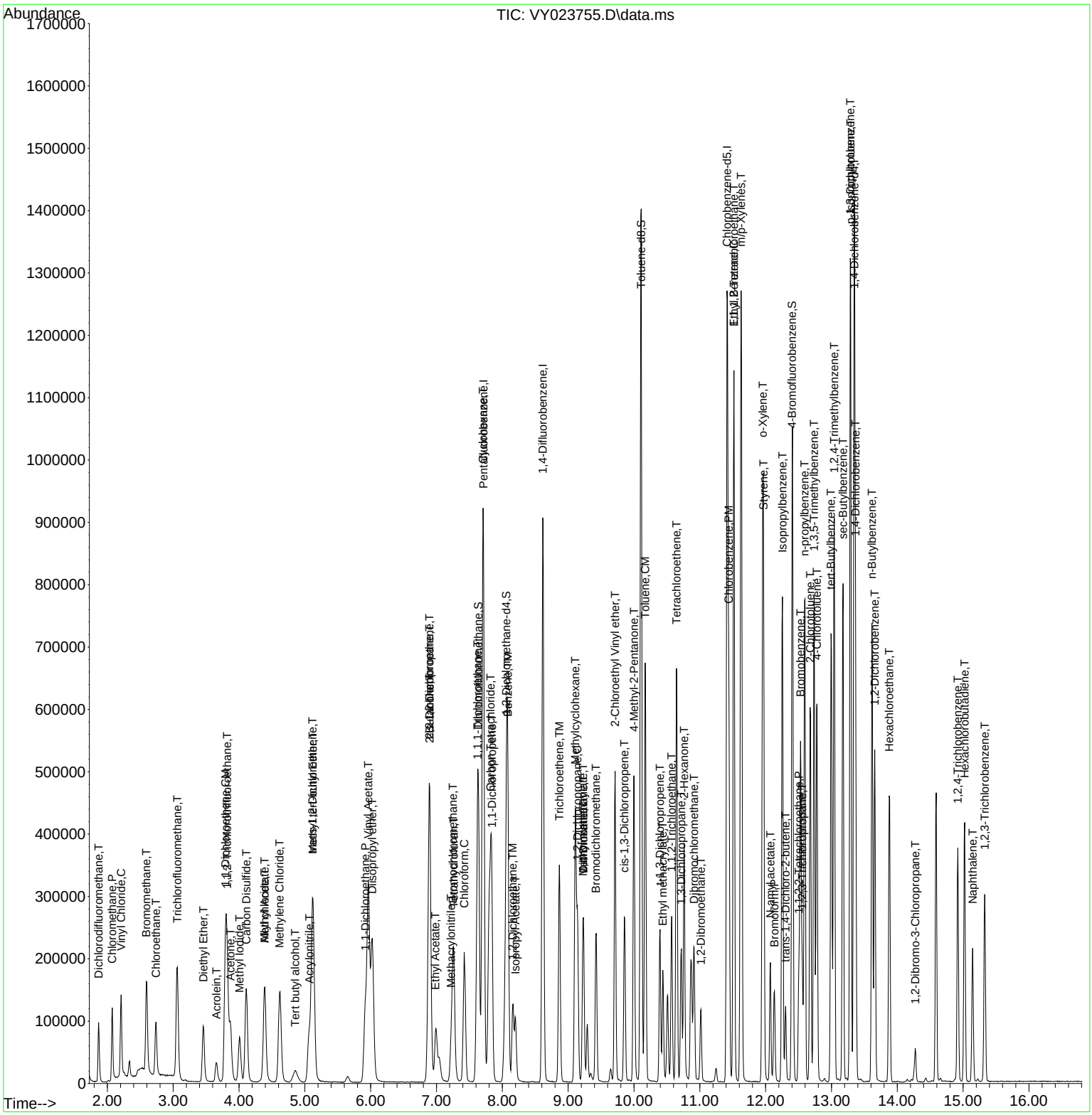
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111225\
Data File : VY023755.D
Acq On : 12 Nov 2025 11:27
Operator : SY/MD
Sample : VY1112SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 14 03:36:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 05 04:41:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBSD01

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/14/2025
Supervised By :Mahesh Dadoda 11/14/2025



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

Manual Integration Report

Sequence:	VY110425	Instrument	MSVOA_y

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC005	VY023661.D	1,2,3-Trichloropropane	Amit	11/5/2025 2:39:41 PM	MMDadoda	11/5/2025 2:42:20 PM	Peak Integrated by Software
VSTDICC010	VY023662.D	1,2,3-Trichloropropane	Amit	11/5/2025 2:39:45 PM	MMDadoda	11/5/2025 2:42:23 PM	Peak Integrated by Software
VSTDICC010	VY023662.D	Methacrylonitrile	Amit	11/5/2025 2:39:45 PM	MMDadoda	11/5/2025 2:42:23 PM	Peak Integrated by Software
VSTDICC020	VY023663.D	1,2,3-Trichloropropane	Amit	11/5/2025 2:39:50 PM	MMDadoda	11/5/2025 2:42:26 PM	Peak Integrated by Software
VSTDICC020	VY023663.D	Methacrylonitrile	Amit	11/5/2025 2:39:50 PM	MMDadoda	11/5/2025 2:42:26 PM	Peak Integrated by Software
VSTDICCC050	VY023664.D	1,2,3-Trichloropropane	Amit	11/5/2025 2:39:54 PM	MMDadoda	11/5/2025 2:42:29 PM	Peak Integrated by Software
VSTDICC100	VY023665.D	1,2,3-Trichloropropane	Amit	11/5/2025 2:41:22 PM	MMDadoda	11/5/2025 2:42:32 PM	Peak Integrated by Software
VSTDICC150	VY023666.D	1,2,3-Trichloropropane	Amit	11/5/2025 2:39:59 PM	MMDadoda	11/5/2025 2:42:36 PM	Peak Integrated by Software
VSTDICV050	VY023668.D	1,2,3-Trichloropropane	Amit	11/5/2025 2:40:02 PM	MMDadoda	11/5/2025 2:42:40 PM	Peak Integrated by Software
VSTDCCC050	VY023677.D	1,2,3-Trichloropropane	Amit	11/5/2025 2:41:12 PM	MMDadoda	11/5/2025 2:42:58 PM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	VY111225	Instrument	MSVOA_y

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VY023752.D	1,2,3-Trichloropropane	Amit	11/14/2025 9:57:17 AM	MMDadoda	11/14/2025 10:52:53 AM	Peak Integrated by Software
VSTDCCC050	VY023752.D	Methacrylonitrile	Amit	11/14/2025 9:57:17 AM	MMDadoda	11/14/2025 10:52:53 AM	Peak Integrated by Software
VY1112SBS01	VY023754.D	1,2,3-Trichloropropane	Amit	11/14/2025 9:57:20 AM	MMDadoda	11/14/2025 10:52:56 AM	Peak Integrated by Software
VY1112SBSD01	VY023755.D	1,2,3-Trichloropropane	Amit	11/14/2025 9:57:23 AM	MMDadoda	11/14/2025 10:52:59 AM	Peak Integrated by Software
VY1112SBSD01	VY023755.D	Methacrylonitrile	Amit	11/14/2025 9:57:23 AM	MMDadoda	11/14/2025 10:52:59 AM	Peak Integrated by Software
VSTDCCC050	VY023772.D	1,2,3-Trichloropropane	Amit	11/14/2025 9:57:30 AM	MMDadoda	11/14/2025 10:53:06 AM	Peak Integrated by Software
VSTDCCC050	VY023772.D	Methacrylonitrile	Amit	11/14/2025 9:57:30 AM	MMDadoda	11/14/2025 10:53:06 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 # VY110425

Review By	Amit Patel	Review On	11/5/2025 2:42:53 PM				
Supervise By	Mahesh Dadoda	Supervise On	11/6/2025 8:39:21 AM				
SubDirectory	VY110425	HP Acquire Method	MSVOA_Y	HP Processing Method	82y110425s.m		

STD. NAME	STD REF.#
Tune/Reschk	VP136031
Initial Calibration Stds	VP136032,VP136033,VP136034,VP136035,VP136036,VP136037
CCC	VP136050,LOD VP136051,VP136052,LOQ VP136053
Internal Standard/PEM	VP133934
ICV/I.BLK	VP136038
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VY023660.D	04 Nov 2025 08:11	SY/MD	Ok
2	VSTDICC005	VY023661.D	04 Nov 2025 09:19	SY/MD	Ok,M
3	VSTDICC010	VY023662.D	04 Nov 2025 09:42	SY/MD	Ok,M
4	VSTDICC020	VY023663.D	04 Nov 2025 10:19	SY/MD	Ok,M
5	VSTDICCC050	VY023664.D	04 Nov 2025 10:42	SY/MD	Ok,M
6	VSTDICC100	VY023665.D	04 Nov 2025 11:05	SY/MD	Ok,M
7	VSTDICC150	VY023666.D	04 Nov 2025 11:27	SY/MD	Ok,M
8	VIBLK	VY023667.D	04 Nov 2025 11:51	SY/MD	Ok
9	VSTDICV050	VY023668.D	04 Nov 2025 12:14	SY/MD	Ok,M
10	VY1104SBL01	VY023669.D	04 Nov 2025 12:37	SY/MD	Ok
11	VY1104SBS01	VY023670.D	04 Nov 2025 13:14	SY/MD	Ok,M
12	VY1104SBSD01	VY023671.D	04 Nov 2025 13:37	SY/MD	Ok,M
13	Q3530-01	VY023672.D	04 Nov 2025 14:08	SY/MD	Ok,M
14	Q3530-01	VY023673.D	04 Nov 2025 14:31	SY/MD	Ok,M
15	Q3530-02	VY023674.D	04 Nov 2025 14:53	SY/MD	Ok,M
16	Q3532-03	VY023675.D	04 Nov 2025 15:16	SY/MD	Ok
17	Q3532-07	VY023676.D	04 Nov 2025 15:40	SY/MD	Ok
18	VSTDCCC050	VY023677.D	04 Nov 2025 16:26	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 # VY111225

Review By	Amit Patel	Review On	11/14/2025 12:33:40 PM				
Supervise By	Mahesh Dadoda	Supervise On	11/17/2025 9:25:17 AM				
SubDirectory	VY111225	HP Acquire Method	MSVOA_Y		HP Processing Method	82y110425s.m	

STD. NAME	STD REF.#
Tune/Reschk	VP136179
Initial Calibration Stds	
CCC	VP136182,VP136183
Internal Standard/PEM	VP136146
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VY023751.D	12 Nov 2025 09:23	SY/MD	Ok
2	VSTDCCC050	VY023752.D	12 Nov 2025 10:01	SY/MD	Ok,M
3	VY1112SBL01	VY023753.D	12 Nov 2025 10:37	SY/MD	Ok
4	VY1112SBS01	VY023754.D	12 Nov 2025 11:04	SY/MD	Ok,M
5	VY1112SBSD01	VY023755.D	12 Nov 2025 11:27	SY/MD	Ok,M
6	Q3599-01	VY023756.D	12 Nov 2025 12:04	SY/MD	Ok,M
7	Q3598-01	VY023757.D	12 Nov 2025 12:27	SY/MD	Ok
8	Q3582-04RE	VY023758.D	12 Nov 2025 12:51	SY/MD	Confirms
9	Q3586-01RE	VY023759.D	12 Nov 2025 13:14	SY/MD	Confirms
10	Q3586-02RE	VY023760.D	12 Nov 2025 13:38	SY/MD	Confirms
11	Q3586-03	VY023761.D	12 Nov 2025 14:01	SY/MD	Ok
12	Q3600-01	VY023762.D	12 Nov 2025 14:24	SY/MD	Ok
13	Q3609-02	VY023763.D	12 Nov 2025 14:57	SY/MD	Ok
14	Q3609-05	VY023764.D	12 Nov 2025 15:21	SY/MD	Ok
15	Q3609-08	VY023765.D	12 Nov 2025 15:44	SY/MD	Ok
16	Q3609-11	VY023766.D	12 Nov 2025 16:08	SY/MD	Ok
17	Q3609-14	VY023767.D	12 Nov 2025 16:31	SY/MD	Ok
18	Q3614-01	VY023768.D	12 Nov 2025 16:55	SY/MD	Ok
19	Q3614-02	VY023769.D	12 Nov 2025 17:18	SY/MD	Ok
20	Q3614-03	VY023770.D	12 Nov 2025 17:42	SY/MD	Ok
21	VIBLK	VY023771.D	12 Nov 2025 18:05	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 # VY111225

Review By	Amit Patel	Review On	11/14/2025 12:33:40 PM				
Supervise By	Mahesh Dadoda	Supervise On	11/17/2025 9:25:17 AM				
SubDirectory	VY111225	HP Acquire Method	MSVOA_Y	HP Processing Method	82y110425s.m		

STD. NAME	STD REF.#
Tune/Reschk	VP136179
Initial Calibration Stds	
CCC	VP136182,VP136183
Internal Standard/PEM	VP136146
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	VSTDCCC050	VY023772.D	12 Nov 2025 18:28	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 # VY110425

Review By	Amit Patel	Review On	11/5/2025 2:42:53 PM		
Supervise By	Mahesh Dadoda	Supervise On	11/6/2025 8:39:21 AM		
SubDirectory	VY110425	HP Acquire Method	MSVOA_Y	HP Processing Method	82y110425s.m

STD. NAME	STD REF.#
Tune/Reschk	VP136031
Initial Calibration Stds	VP136032,VP136033,VP136034,VP136035,VP136036,VP136037
CCC	VP136050,LOD VP136051,VP136052,LOQ VP136053
Internal Standard/PEM	VP133934
ICV/I.BLK	VP136038
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VY023660.D	04 Nov 2025 08:11		SY/MD	Ok
2	VSTDICC005	VSTDICC005	VY023661.D	04 Nov 2025 09:19		SY/MD	Ok,M
3	VSTDICC010	VSTDICC010	VY023662.D	04 Nov 2025 09:42		SY/MD	Ok,M
4	VSTDICC020	VSTDICC020	VY023663.D	04 Nov 2025 10:19		SY/MD	Ok,M
5	VSTDICCC050	VSTDICCC050	VY023664.D	04 Nov 2025 10:42	Comp. #95 on Linear Regression	SY/MD	Ok,M
6	VSTDICC100	VSTDICC100	VY023665.D	04 Nov 2025 11:05		SY/MD	Ok,M
7	VSTDICC150	VSTDICC150	VY023666.D	04 Nov 2025 11:27		SY/MD	Ok,M
8	VIBLK	VIBLK	VY023667.D	04 Nov 2025 11:51		SY/MD	Ok
9	VSTDICV050	ICVVY110425	VY023668.D	04 Nov 2025 12:14		SY/MD	Ok,M
10	VY1104SBL01	VY1104SBL01	VY023669.D	04 Nov 2025 12:37		SY/MD	Ok
11	VY1104SBS01	VY1104SBS01	VY023670.D	04 Nov 2025 13:14		SY/MD	Ok,M
12	VY1104SBSD01	VY1104SBSD01	VY023671.D	04 Nov 2025 13:37		SY/MD	Ok,M
13	Q3530-01	LOD-MDL-SOIL-01-QT	VY023672.D	04 Nov 2025 14:08		SY/MD	Ok,M
14	Q3530-01	LOD-MDL-SOIL-01-QT	VY023673.D	04 Nov 2025 14:31		SY/MD	Ok,M
15	Q3530-02	LOQ-SOIL-02-QT4-202	VY023674.D	04 Nov 2025 14:53		SY/MD	Ok,M
16	Q3532-03	TP-1-VOC	VY023675.D	04 Nov 2025 15:16	vial-A	SY/MD	Ok
17	Q3532-07	TP-2-VOC	VY023676.D	04 Nov 2025 15:40	vial-A	SY/MD	Ok
18	VSTDCCC050	VSTDCCC050EC	VY023677.D	04 Nov 2025 16:26		SY/MD	Ok,M

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Fax : 908 789 8922

Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY110425

Review By	Amit Patel	Review On	11/5/2025 2:42:53 PM		
Supervise By	Mahesh Dadoda	Supervise On	11/6/2025 8:39:21 AM		
SubDirectory	VY110425	HP Acquire Method	MSVOA_Y	HP Processing Method	82y110425s.m

STD. NAME	STD REF.#
Tune/Reschk	VP136031
Initial Calibration Stds	VP136032,VP136033,VP136034,VP136035,VP136036,VP136037
CCC	VP136050,LOD VP136051,VP136052,LOQ VP136053
Internal Standard/PEM	VP133934
ICV/I.BLK	VP136038
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

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 # VY111225

Review By	Amit Patel	Review On	11/14/2025 12:33:40 PM		
Supervise By	Mahesh Dadoda	Supervise On	11/17/2025 9:25:17 AM		
SubDirectory	VY111225	HP Acquire Method	MSVOA_Y	HP Processing Method	82y110425s.m

STD. NAME	STD REF.#
Tune/Reschk	VP136179
Initial Calibration Stds	
CCC	VP136182,VP136183
Internal Standard/PEM	VP136146
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VY023751.D	12 Nov 2025 09:23		SY/MD	Ok
2	VSTDCCC050	VSTDCCC050	VY023752.D	12 Nov 2025 10:01		SY/MD	Ok,M
3	VY1112SBL01	VY1112SBL01	VY023753.D	12 Nov 2025 10:37		SY/MD	Ok
4	VY1112SBS01	VY1112SBS01	VY023754.D	12 Nov 2025 11:04		SY/MD	Ok,M
5	VY1112SBSD01	VY1112SBSD01	VY023755.D	12 Nov 2025 11:27		SY/MD	Ok,M
6	Q3599-01	LIVINGSTON-SOIL	VY023756.D	12 Nov 2025 12:04	vial-B	SY/MD	Ok,M
7	Q3598-01	EO-CONCRETE	VY023757.D	12 Nov 2025 12:27	vial-B	SY/MD	Ok
8	Q3582-04RE	RT4912RE	VY023758.D	12 Nov 2025 12:51	vial-B Surrogate Fail;Internal Standard Fail	SY/MD	Confirms
9	Q3586-01RE	SED-1RE	VY023759.D	12 Nov 2025 13:14	vial-B Internal Standard Fail	SY/MD	Confirms
10	Q3586-02RE	SED-2RE	VY023760.D	12 Nov 2025 13:38	vial-B Surrogate Fail;Internal Standard Fail	SY/MD	Confirms
11	Q3586-03	SED-3	VY023761.D	12 Nov 2025 14:01	vial-B	SY/MD	Ok
12	Q3600-01	CENTRAL-ROW-CONC	VY023762.D	12 Nov 2025 14:24	vial-B	SY/MD	Ok
13	Q3609-02	AU-713-VOC-01	VY023763.D	12 Nov 2025 14:57	vial-A	SY/MD	Ok
14	Q3609-05	AU-713-VOC-02	VY023764.D	12 Nov 2025 15:21	vial-A	SY/MD	Ok
15	Q3609-08	AU-713-VOC-03	VY023765.D	12 Nov 2025 15:44	vial-A	SY/MD	Ok
16	Q3609-11	AU-713-VOC-04	VY023766.D	12 Nov 2025 16:08	vial-A	SY/MD	Ok
17	Q3609-14	AU-713-VOC-05	VY023767.D	12 Nov 2025 16:31	vial-A	SY/MD	Ok

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Fax : 908 789 8922

Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY111225

Review By	Amit Patel	Review On	11/14/2025 12:33:40 PM		
Supervise By	Mahesh Dadoda	Supervise On	11/17/2025 9:25:17 AM		
SubDirectory	VY111225	HP Acquire Method	MSVOA_Y	HP Processing Method	82y110425s.m

STD. NAME	STD REF.#
Tune/Reschk	VP136179
Initial Calibration Stds	
CCC	VP136182,VP136183
Internal Standard/PEM	VP136146
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	Q3614-01	COMP-1	VY023768.D	12 Nov 2025 16:55	vial-A	SY/MD	Ok
19	Q3614-02	COMP-2	VY023769.D	12 Nov 2025 17:18	vial-A	SY/MD	Ok
20	Q3614-03	COMP-3	VY023770.D	12 Nov 2025 17:42	vial-A	SY/MD	Ok
21	VIBLK	VIBLK	VY023771.D	12 Nov 2025 18:05		SY/MD	Ok
22	VSTDCCC050	VSTDCCC050EC	VY023772.D	12 Nov 2025 18:28		SY/MD	Ok,M

M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 11/13/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:20
In Date: 11/12/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:27
Out Date: 11/13/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB137869

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
Q3609-01	AU-713-COMP-01	1	1.15	10.53	11.68	9.74	81.6	
Q3609-02	AU-713-VOC-01	2	1.18	10.57	11.75	10.37	86.9	
Q3609-04	AU-713-COMP-02	3	1.19	10.53	11.72	10.1	84.6	
Q3609-05	AU-713-VOC-02	4	1.15	10.68	11.83	9.23	75.7	
Q3609-07	AU-713-COMP-03	5	1.19	10.33	11.52	10.00	85.3	
Q3609-08	AU-713-VOC-03	6	1.16	10.90	12.06	10.44	85.1	
Q3609-10	AU-713-COMP-04	7	1.18	10.34	11.52	9.51	80.6	
Q3609-11	AU-713-VOC-04	8	1.13	10.46	11.59	10.16	86.3	
Q3609-13	AU-713-COMP-05	9	1.14	10.49	11.63	10.05	84.9	
Q3609-14	AU-713-VOC-05	10	1.13	10.40	11.53	10.00	85.3	
Q3609-15	AU-713-COMP-05	11	1.14	10.49	11.63	10.05	84.9	
Q3610-01	AU-713-TPH-01	12	1.18	10.35	11.53	10.37	88.8	
Q3610-02	AU-713-TPH-02	13	1.19	10.50	11.69	9.48	79.0	
Q3610-03	AU-713-TPH-03	14	1.11	10.33	11.44	9.75	83.6	
Q3610-04	AU-713-TPH-04	15	1.18	10.42	11.6	9.1	76.0	
Q3610-05	AU-713-TPH-05	16	1.18	10.56	11.74	10.33	86.6	
Q3610-06	AU-713-TPH-06	17	1.19	10.37	11.56	10.03	85.2	
Q3610-07	AU-713-TPH-07	18	1.15	10.40	11.55	9.08	76.3	
Q3610-08	AU-713-TPH-08	19	1.19	10.43	11.62	10.04	84.9	
Q3610-09	AU-713-TPH-09	20	1.18	10.71	11.89	9.9	81.4	
Q3610-10	AU-713-TPH-10	21	1.16	10.24	11.4	9.96	85.9	
Q3610-11	AU-713-TPH-11	22	1.14	9.99	11.13	8.96	78.3	
Q3610-12	AU-713-TPH-12	23	1.19	10.49	11.68	9.99	83.9	
Q3610-13	AU-713-TPH-13	24	1.15	10.84	11.99	10.4	85.3	
Q3610-14	AU-713-TPH-14	25	1.18	10.50	11.68	10.44	88.2	
Q3610-15	AU-713-TPH-15	26	1.14	10.48	11.62	10.34	87.8	
Q3611-01	AU-713-01	27	1.13	10.54	11.67	9.83	82.5	
Q3611-02	AU-713-02	28	1.12	11.27	12.39	9.7	76.1	

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 11/13/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:20
In Date: 11/12/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:27
Out Date: 11/13/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB137869

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
Q3611-03	AU-713-03	29	1.12	10.07	11.19	9.69	85.1	
Q3611-04	AU-713-04	30	1.16	10.64	11.8	9.27	76.2	
Q3611-05	AU-713-05	31	1.16	10.31	11.47	10.55	91.1	
Q3611-06	AU-713-06	32	1.18	10.70	11.88	10.14	83.7	
Q3611-07	AU-713-07	33	1.15	10.28	11.43	9.16	77.9	
Q3611-08	AU-713-08	34	1.19	10.71	11.9	10.05	82.7	
Q3611-09	AU-713-09	35	1.19	10.66	11.85	9.64	79.3	
Q3611-10	AU-713-10	36	1.17	10.13	11.3	9.79	85.1	
Q3611-11	AU-713-11	37	1.13	11.03	12.16	9.74	78.1	
Q3611-12	AU-713-12	38	1.11	10.13	11.24	9.17	79.6	
Q3611-13	AU-713-13	39	1.13	10.59	11.72	9.54	79.4	
Q3611-14	AU-713-14	40	1.16	10.23	11.39	10.02	86.6	
Q3611-15	AU-713-15	41	1.16	10.44	11.6	10.08	85.4	
Q3614-01	COMP-1	42	1.12	10.94	12.06	10.12	82.3	
Q3614-02	COMP-2	43	1.18	10.44	11.62	9.71	81.7	
Q3614-03	COMP-3	44	1.18	10.30	11.48	9.78	83.5	
Q3615-01	East Bathhouse-Concrete	45	1.00	1.00	2.00	2.00	100.0	Concreate sample
Q3618-01	EME-TOP-SOIL	46	1.18	10.33	11.51	8.44	70.3	
Q3618-02	EME-GENERAL-FILL	47	1.19	10.38	11.57	10.34	88.2	
Q3621-01	VNJ-231	48	1.16	10.38	11.54	11.06	95.4	
Q3621-02	VNJ-231	49	1.19	10.21	11.4	10.7	93.1	
Q3622-01	RT3071-SOLID	50	1.15	10.44	11.59	8.75	72.8	
Q3623-01	RBR200007-SOIL	51	1.13	10.84	11.97	10.5	86.4	
Q3623-02	RBR200007-SILICA	52	1.13	10.86	11.99	3.71	23.8	sludge sample
Q3624-01	OK-02-11122025	53	1.13	10.91	12.04	10.54	86.3	
Q3624-02	OK-02-11122025-E2	54	1.16	10.34	11.5	10.12	86.7	

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

WORKLIST(Hardcopy Internal Chain)

UB 137869

WorkList Name : %1-111225 **WorkList ID :** 193056 **Department :** Wet-Chemistry **Date :** 11-12-2025 07:31:43

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3609-01	AU-713-COMP-01	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/11/2025	Chemtech -SO
Q3609-02	AU-713-VOC-01	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/11/2025	Chemtech -SO
Q3609-04	AU-713-COMP-02	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/11/2025	Chemtech -SO
Q3609-05	AU-713-VOC-02	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/11/2025	Chemtech -SO
Q3609-07	AU-713-COMP-03	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/11/2025	Chemtech -SO
Q3609-08	AU-713-VOC-03	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/11/2025	Chemtech -SO
Q3609-10	AU-713-COMP-04	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/11/2025	Chemtech -SO
Q3609-11	AU-713-VOC-04	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/11/2025	Chemtech -SO
Q3609-13	AU-713-COMP-05	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/11/2025	Chemtech -SO
Q3609-14	AU-713-VOC-05	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/11/2025	Chemtech -SO
Q3609-15	AU-713-COMP-05	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/11/2025	Chemtech -SO
Q3610-01	AU-713-TPH-01	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/11/2025	Chemtech -SO
Q3610-02	AU-713-TPH-02	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/11/2025	Chemtech -SO
Q3610-03	AU-713-TPH-03	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/11/2025	Chemtech -SO
Q3610-04	AU-713-TPH-04	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/11/2025	Chemtech -SO
Q3610-05	AU-713-TPH-05	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/11/2025	Chemtech -SO
Q3610-06	AU-713-TPH-06	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/11/2025	Chemtech -SO
Q3610-07	AU-713-TPH-07	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/11/2025	Chemtech -SO
Q3610-08	AU-713-TPH-08	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/11/2025	Chemtech -SO
Q3610-09	AU-713-TPH-09	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/11/2025	Chemtech -SO
Q3610-10	AU-713-TPH-10	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/11/2025	Chemtech -SO

Date/Time 11-12-25 15:30

Raw Sample Received by: JB WPC

Raw Sample Relinquished by: CR

Date/Time 11-12-25 17:40

Raw Sample Received by: CR

Raw Sample Relinquished by: JB WPC

WORKLIST(Hardcopy Internal Chain)

WB137869

WorkList Name : %1-111225 **WorkList ID :** 193056 **Department :** Wet-Chemistry **Date :** 11-12-2025 07:31:43

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3610-11	AU-713-TPH-11	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/11/2025	Chemtech -SO
Q3610-12	AU-713-TPH-12	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/11/2025	Chemtech -SO
Q3610-13	AU-713-TPH-13	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/11/2025	Chemtech -SO
Q3610-14	AU-713-TPH-14	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/11/2025	Chemtech -SO
Q3610-15	AU-713-TPH-15	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/11/2025	Chemtech -SO
Q3611-01	AU-713-01	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/11/2025	Chemtech -SO
Q3611-02	AU-713-02	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	11/12/2025	Chemtech -SO
Q3611-03	AU-713-03	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	11/12/2025	Chemtech -SO
Q3611-04	AU-713-04	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	11/12/2025	Chemtech -SO
Q3611-05	AU-713-05	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	11/12/2025	Chemtech -SO
Q3611-06	AU-713-06	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	11/12/2025	Chemtech -SO
Q3611-07	AU-713-07	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	11/12/2025	Chemtech -SO
Q3611-08	AU-713-08	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	11/12/2025	Chemtech -SO
Q3611-09	AU-713-09	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	11/12/2025	Chemtech -SO
Q3611-10	AU-713-10	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	11/12/2025	Chemtech -SO
Q3611-11	AU-713-11	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	11/12/2025	Chemtech -SO
Q3611-12	AU-713-12	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	11/12/2025	Chemtech -SO
Q3611-13	AU-713-13	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	11/12/2025	Chemtech -SO
Q3611-14	AU-713-14	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	11/12/2025	Chemtech -SO
Q3611-15	AU-713-15	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	11/12/2025	Chemtech -SO
Q3614-01	COMP-1	Solid	Percent Solids	Cool 4 deg C	POWE02	J21	11/11/2025	Chemtech -SO

Date/Time 11-12-25 13:30

Raw Sample Received by: JD WC

Raw Sample Relinquished by: AP

Date/Time 11-12-25 17:40

Raw Sample Received by: AP

Raw Sample Relinquished by: JD WC

JB 1377869

WORKLIST(Hardcopy Internal Chain)

WorkList Name : %1-111225 **WorkList ID :** 193056 **Department :** Wet-Chemistry **Date :** 11-12-2025 07:31:43

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3614-02	COMP-2	Solid	Percent Solids	Cool 4 deg C	POWE02	J21	11/11/2025	Chemtech -SO
Q3614-03	COMP-3	Solid	Percent Solids	Cool 4 deg C	POWE02	J21	11/11/2025	Chemtech -SO
Q3615-01	East Bathhouse- Concrete	Solid	Percent Solids	Cool 4 deg C	CORE02	J32	11/12/2025	Chemtech -SO
Q3618-01	EME-TOP-SOIL	Solid	Percent Solids	Cool 4 deg C	ENTA05	D41	11/12/2025	Chemtech -SO
Q3618-02	EME-GENERAL-FILL	Solid	Percent Solids	Cool 4 deg C	ENTA05	D41	11/12/2025	Chemtech -SO
Q3621-01	VNJ-231	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/12/2025	Chemtech -SO
Q3621-02	VNJ-231	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/12/2025	Chemtech -SO
Q3622-01	RT3071-SOLID	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/12/2025	Chemtech -SO
Q3623-01	RBR200007-SOIL	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/12/2025	Chemtech -SO
Q3623-02	RBR200007-SILICA	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/12/2025	Chemtech -SO
Q3624-01	OK-02-11122025	Solid	Percent Solids	Cool 4 deg C	PSEG05	D41	11/12/2025	Chemtech -SO
Q3624-02	OK-02-11122025-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	D41	11/12/2025	Chemtech -SO

Date/Time 11-12-25 15:30
Raw Sample Received by: [signature]
Raw Sample Relinquished by: [signature]

Date/Time 11-12-25 17:40
Raw Sample Received by: [signature]
Raw Sample Relinquished by: [signature]

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. Q 3614
COC Number 2045182

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: Kleinfelder
ADDRESS: 180 Sheree Blvd. Suite 3800
CITY Exton STATE: PA ZIP: 19341
ATTENTION: Mark Warchol
PHONE: 484-883-3892 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Logan School
PROJECT NO.: LOCATION: Philadelphia, PA
PROJECT MANAGER: Mark Warchol
e-mail: mwarchol@kleinfelder.com
PHONE: 484-883-3892 FAX:

CLIENT BILLING INFORMATION

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

DATA TURNAROUND INFORMATION

FAX (RUSH) 5 DAYS*
HARDCOPY (DATA PACKAGE): 5 DAYS*
EDD: 5 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

PADEP Historic Logan Fill Parameters

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
								E									← Specify Preservatives A-HCl D-NaOH B-HN03 E-ICE C-H2SO4 F-OTHER
1.	COMP-1	Soil	✓		11/11/25	10:05	6	✓									
2.	COMP-2	↓	↓		↓	10:45	↓	↓									
3.	COMP-3	↓	↓		↓	11:30	↓	↓									
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

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

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	11/11/25 15:00	1.
2.	11/12/25 1145	2.
3.		3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP °C
Comments: 2.6 + 0 = 2.6°C
1 Cooler #1

Page 1 of 1

CLIENT: ☐ Hand Delivered ☑ Other FedEx

Shipment Complete ☐ YES ☐ NO

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

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

Laboratory Certification

Certified By	License No.
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255425
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3614 POWE02
Client Name : Kleinfelder
Client Contact : Mark Warchol
Invoice Name : Kleinfelder
Invoice Contact : Mark Warchol

Order Date : 11/12/2025 11:51:00 AM
Project Name : Logan School
Receive DateTime : 11/12/2025 11:45:00 AM
Purchase Order :

Project Mgr :
Report Type : Results+QC
EDD Type : EXCEL NOCLEANUP
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3614-01	COMP-1	Solid	11/11/2025	10:05					
					VOCMS Group1		8260D		5 Bus. Days
Q3614-02	COMP-2	Solid	11/11/2025	10:45					
					VOCMS Group1		8260D		5 Bus. Days
Q3614-03	COMP-3	Solid	11/11/2025	11:30					
					VOCMS Group1		8260D		5 Bus. Days

Relinguished By :
Date / Time : 11/12/25 1250

Received By :
Date / Time : 11/12/25 1252

Storage Area : **VOA Refridgerator Room**