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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:	Q3474	**OrderDate:**	10/27/2025 1:27:00 PM
Client:	Sciacca General Contractors, LLC	**Project:**	7 Rynda Road, Maplewood
Contact:	Rosanne Scirica	**Location:**	J31,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3474-02	**VOC**	**SOIL**			**10/27/25**			**10/27/25**
			VOC-TCLVOA-10	8260D			10/28/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3474

Client: Sciacca General Contractors, LLC

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.: Q3474

Client: Sciacca General Contractors, LLC

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q3474-02	VOC	1,2-Dichloroethane-d4	50	58.2	116		63	155
		Dibromofluoromethane	50	52.6	105		70	134
		Toluene-d8	50	48.9	98		74	123
		4-Bromofluorobenzene	50	38.1	76		17	146
VY1028SBL01	VY1028SBL01	1,2-Dichloroethane-d4	50	50.7	101		63	155
		Dibromofluoromethane	50	50.0	100		70	134
		Toluene-d8	50	48.8	98		74	123
		4-Bromofluorobenzene	50	39.4	79		17	146
VY1028SBS01	VY1028SBS01	1,2-Dichloroethane-d4	50	50.3	101		63	155
		Dibromofluoromethane	50	52.3	105		70	134
		Toluene-d8	50	51.3	103		74	123
		4-Bromofluorobenzene	50	51.0	102		17	146
VY1028SBSD01	VY1028SBSD01	1,2-Dichloroethane-d4	50	49.3	99		63	155
		Dibromofluoromethane	50	51.3	103		70	134
		Toluene-d8	50	50.8	102		74	123
		4-Bromofluorobenzene	50	49.9	100		17	146

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3474 **Analytical Method:** SW8260D

Client: Sciacca General Contractors, LLC **Datafile :** VY023600.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VY1028SBS01	Dichlorodifluoromethane	20	20.8	ug/Kg	104			64	136	
	Chloromethane	20	20.0	ug/Kg	100			52	151	
	Vinyl chloride	20	20.2	ug/Kg	101			56	148	
	Bromomethane	20	21.8	ug/Kg	109			58	141	
	Chloroethane	20	21.5	ug/Kg	108			69	130	
	Trichlorofluoromethane	20	21.4	ug/Kg	107			69	134	
	1,1,2-Trichlorotrifluoroethane	20	22.2	ug/Kg	111			81	123	
	1,1-Dichloroethene	20	20.9	ug/Kg	104			79	121	
	Acetone	100	140	ug/Kg	140			40	171	
	Carbon disulfide	20	20.2	ug/Kg	101			59	130	
	Methyl tert-butyl Ether	20	20.0	ug/Kg	100			77	129	
	Methyl Acetate	20	17.2	ug/Kg	86			69	149	
	Methylene Chloride	20	20.3	ug/Kg	102			72	131	
	trans-1,2-Dichloroethene	20	21.6	ug/Kg	108			80	123	
	1,1-Dichloroethane	20	22.1	ug/Kg	111			82	123	
	Cyclohexane	20	20.5	ug/Kg	103			76	122	
	2-Butanone	100	120	ug/Kg	120			69	131	
	Carbon Tetrachloride	20	22.2	ug/Kg	111			76	129	
	cis-1,2-Dichloroethene	20	21.8	ug/Kg	109			82	123	
	Bromochloromethane	20	21.9	ug/Kg	110			80	127	
	Chloroform	20	22.4	ug/Kg	112			82	125	
	1,1,1-Trichloroethane	20	22.3	ug/Kg	112			80	126	
	Methylcyclohexane	20	20.7	ug/Kg	104			77	123	
	Benzene	20	22.2	ug/Kg	111			84	121	
	1,2-Dichloroethane	20	21.8	ug/Kg	109			81	126	
	Trichloroethene	20	21.9	ug/Kg	110			83	122	
	1,2-Dichloropropane	20	22.3	ug/Kg	112			83	122	
	Bromodichloromethane	20	22.2	ug/Kg	111			82	123	
	4-Methyl-2-Pentanone	100	100	ug/Kg	100			70	135	
	Toluene	20	22.4	ug/Kg	112			83	122	
	t-1,3-Dichloropropene	20	20.6	ug/Kg	103			78	124	
	cis-1,3-Dichloropropene	20	21.4	ug/Kg	107			81	122	
	1,1,2-Trichloroethane	20	22.0	ug/Kg	110			82	125	
	2-Hexanone	100	110	ug/Kg	110			66	138	
	Dibromochloromethane	20	21.5	ug/Kg	108			79	125	
	1,2-Dibromoethane	20	21.3	ug/Kg	106			80	125	
	Tetrachloroethene	20	22.7	ug/Kg	114			83	125	
	Chlorobenzene	20	21.6	ug/Kg	108			84	122	
	Ethyl Benzene	20	21.5	ug/Kg	108			82	124	
	m/p-Xylenes	40	44.0	ug/Kg	110			83	124	
	o-Xylene	20	21.2	ug/Kg	106			83	123	
	Styrene	20	21.5	ug/Kg	108			82	124	
	Bromoform	20	20.7	ug/Kg	104			75	127	
	Isopropylbenzene	20	21.3	ug/Kg	106			82	124	
	1,1,2,2-Tetrachloroethane	20	20.8	ug/Kg	104			77	127	
	1,3-Dichlorobenzene	20	21.6	ug/Kg	108			83	122	
	1,4-Dichlorobenzene	20	21.3	ug/Kg	106			84	121	
	1,2-Dichlorobenzene	20	21.3	ug/Kg	106			83	124	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3474 **Analytical Method:** SW8260D

Client: Sciacca General Contractors, LLC **Datafile :** VY023600.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VY1028SBS01	1,2-Dibromo-3-Chloropropane	20	19.1	ug/Kg	96			66	134	
	1,2,4-Trichlorobenzene	20	19.2	ug/Kg	96			78	127	
	1,2,3-Trichlorobenzene	20	18.9	ug/Kg	95			70	137	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3474 **Analytical Method:** SW8260D

Client: Sciacca General Contractors, LLC **Datafile :** VY023601.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VY1028SBSD01	Dichlorodifluoromethane	20	22.0	ug/Kg	110	6		64	136	20
	Chloromethane	20	20.7	ug/Kg	104	4		52	151	20
	Vinyl chloride	20	22.0	ug/Kg	110	9		56	148	20
	Bromomethane	20	22.8	ug/Kg	114	4		58	141	20
	Chloroethane	20	22.6	ug/Kg	113	5		69	130	20
	Trichlorofluoromethane	20	22.8	ug/Kg	114	6		69	134	20
	1,1,2-Trichlorotrifluoroethane	20	23.6	ug/Kg	118	6		81	123	20
	1,1-Dichloroethene	20	22.3	ug/Kg	112	7		79	121	20
	Acetone	100	150	ug/Kg	150	7		40	171	20
	Carbon disulfide	20	21.3	ug/Kg	106	5		59	130	20
	Methyl tert-butyl Ether	20	21.7	ug/Kg	109	9		77	129	20
	Methyl Acetate	20	19.8	ug/Kg	99	14		69	149	20
	Methylene Chloride	20	21.3	ug/Kg	106	4		72	131	20
	trans-1,2-Dichloroethene	20	22.7	ug/Kg	114	5		80	123	20
	1,1-Dichloroethane	20	23.5	ug/Kg	117	5		82	123	20
	Cyclohexane	20	22.1	ug/Kg	111	7		76	122	20
	2-Butanone	100	130	ug/Kg	130	8		69	131	20
	Carbon Tetrachloride	20	23.8	ug/Kg	119	7		76	129	20
	cis-1,2-Dichloroethene	20	22.7	ug/Kg	114	4		82	123	20
	Bromochloromethane	20	22.1	ug/Kg	111	1		80	127	20
	Chloroform	20	23.8	ug/Kg	119	6		82	125	20
	1,1,1-Trichloroethane	20	23.5	ug/Kg	117	4		80	126	20
	Methylcyclohexane	20	22.4	ug/Kg	112	7		77	123	20
	Benzene	20	23.6	ug/Kg	118	6		84	121	20
	1,2-Dichloroethane	20	22.8	ug/Kg	114	4		81	126	20
	Trichloroethene	20	23.4	ug/Kg	117	6		83	122	20
	1,2-Dichloropropane	20	23.8	ug/Kg	119	6		83	122	20
	Bromodichloromethane	20	23.6	ug/Kg	118	6		82	123	20
	4-Methyl-2-Pentanone	100	110	ug/Kg	110	10		70	135	20
	Toluene	20	23.9	ug/Kg	119	6		83	122	20
	t-1,3-Dichloropropene	20	22.5	ug/Kg	113	9		78	124	20
	cis-1,3-Dichloropropene	20	22.8	ug/Kg	114	6		81	122	20
	1,1,2-Trichloroethane	20	23.7	ug/Kg	119	8		82	125	20
	2-Hexanone	100	130	ug/Kg	130	17		66	138	20
	Dibromochloromethane	20	23.4	ug/Kg	117	8		79	125	20
	1,2-Dibromoethane	20	22.8	ug/Kg	114	7		80	125	20
	Tetrachloroethene	20	23.9	ug/Kg	119	4		83	125	20
	Chlorobenzene	20	23.1	ug/Kg	116	7		84	122	20
	Ethyl Benzene	20	23.0	ug/Kg	115	6		82	124	20
	m/p-Xylenes	40	47.1	ug/Kg	118	7		83	124	20
	o-Xylene	20	22.9	ug/Kg	115	8		83	123	20
	Styrene	20	23.0	ug/Kg	115	6		82	124	20
	Bromoform	20	22.8	ug/Kg	114	9		75	127	20
	Isopropylbenzene	20	22.8	ug/Kg	114	7		82	124	20
	1,1,2,2-Tetrachloroethane	20	22.6	ug/Kg	113	8		77	127	20
	1,3-Dichlorobenzene	20	22.9	ug/Kg	115	6		83	122	20
	1,4-Dichlorobenzene	20	22.8	ug/Kg	114	7		84	121	20
	1,2-Dichlorobenzene	20	22.6	ug/Kg	113	6		83	124	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3474 **Analytical Method:** SW8260D

Client: Sciacca General Contractors, LLC **Datafile :** VY023601.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VY1028SBSD01	1,2-Dibromo-3-Chloropropane	20	20.9	ug/Kg	104	8		66	134	20
	1,2,4-Trichlorobenzene	20	21.1	ug/Kg	106	10		78	127	20
	1,2,3-Trichlorobenzene	20	21.0	ug/Kg	105	10		70	137	20

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VOLATILE METHOD BLANK SUMMARY

Client ID: VY1028SBL01

Lab Name: Alliance | Contract: SCIA01

Lab Code: ACE | SDG NO.: Q3474

Lab File ID: VY023599.D | Lab Sample ID: VY1028SBL01

Date Analyzed: 10/28/2025 | Time Analyzed: 09:30

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
VY1028SBS01	VY1028SBS01	VY023600.D	10/28/2025
VY1028SBSD01	VY1028SBSD01	VY023601.D	10/28/2025
VOC	Q3474-02	VY023603.D	10/28/2025

COMMENTS:

Raw Data: **VY023383.D**

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: SCIA01

Lab Code: ACE | SDG NO.: Q3474

Lab File ID: VY023383.D | BFB Injection Date: 10/07/2025

Instrument ID: MSVOA_Y | BFB Injection Time: 08:43

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	16.9
75	30.0 - 60.0% of mass 95	48.1
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	0.9 (0.9) 1
174	50.0 - 100.0% of mass 95	99.1
175	5.0 - 9.0% of mass 174	7.3 (7.4) 1
176	95.0 - 101.0% of mass 174	95.4 (96.2) 1
177	5.0 - 9.0% of mass 176	6.3 (6.6) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC005	VSTDICC005	VY023384.D	10/07/2025	09:17
VSTDICC010	VSTDICC010	VY023385.D	10/07/2025	10:02
VSTDICC020	VSTDICC020	VY023386.D	10/07/2025	11:24
VSTDICCC050	VSTDICCC050	VY023387.D	10/07/2025	11:47
VSTDICC100	VSTDICC100	VY023388.D	10/07/2025	12:09
VSTDICC150	VSTDICC150	VY023389.D	10/07/2025	12:32

Raw Data: **VY023597.D**

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: SCIA01

Lab Code: ACE | SDG NO.: Q3474

Lab File ID: VY023597.D | BFB Injection Date: 10/28/2025

Instrument ID: MSVOA_Y | BFB Injection Time: 08:32

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	17.1
75	30.0 - 60.0% of mass 95	47.9
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	1.1 (1.2) 1
174	50.0 - 100.0% of mass 95	96.5
175	5.0 - 9.0% of mass 174	7 (7.3) 1
176	95.0 - 101.0% of mass 174	91.8 (95.2) 1
177	5.0 - 9.0% of mass 176	5.8 (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	VY023598.D	10/28/2025	09:02
VY1028SBL01	VY1028SBL01	VY023599.D	10/28/2025	09:30
VY1028SBS01	VY1028SBS01	VY023600.D	10/28/2025	10:01
VY1028SBSD01	VY1028SBSD01	VY023601.D	10/28/2025	10:24
VOC	Q3474-02	VY023603.D	10/28/2025	11:26

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: SCIA01

Lab Code: ACE SDG NO.: Q3474

Lab File ID: VY023598.D Date Analyzed: 10/28/2025

Instrument ID: MSVOA_Y Time Analyzed: 09:02

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	477691	7.71	674925	8.62	592275	11.41
UPPER LIMIT	955382	8.213	1349850	9.115	1184550	11.914
LOWER LIMIT	238846	7.213	337463	8.115	296138	10.914
EPA SAMPLE NO.						
VOC	624082	7.71	1042505	8.62	846455	11.41
VY1028SBL01	751348	7.71	1250620	8.62	1019446	11.42
VY1028SBS01	466766	7.71	688703	8.62	608323	11.41
VY1028SBSD01	455764	7.71	666569	8.62	588558	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: SCIA01

Lab Code: ACE SDG NO.: Q3474

Lab File ID: VY023598.D Date Analyzed: 10/28/2025

Instrument ID: MSVOA_Y Time Analyzed: 09:02

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

	IS4 AREA #	RT #				
12 HOUR STD	309528	13.346				
UPPER LIMIT	619056	13.846				
LOWER LIMIT	154764	12.846				
EPA SAMPLE NO.						
VOC	305015	13.35				
VY1028SBL01	391368	13.35				
VY1028SBS01	321635	13.35				
VY1028SBSD01	310817	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: **VY023603.D**

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	10/27/25
Project:	7 Rynda Road, Maplewood	Date Received:	10/27/25
Client Sample ID:	VOC	SDG No.:	Q3474
Lab Sample ID:	Q3474-02	Matrix:	SOIL
Analytical Method:	8260D	Level : LOW	% Solid: 86.6
Sample Wt/Vol:	5.1 g	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	1.30	U	1	1.30	5.70	ug/Kg	10/28/25 11:26	VY102825
74-87-3	Chloromethane	1.30	U	1	1.30	5.70	ug/Kg	10/28/25 11:26	VY102825
75-01-4	Vinyl Chloride	0.89	U	1	0.89	5.70	ug/Kg	10/28/25 11:26	VY102825
74-83-9	Bromomethane	1.20	U	1	1.20	5.70	ug/Kg	10/28/25 11:26	VY102825
75-00-3	Chloroethane	1.40	U	1	1.40	5.70	ug/Kg	10/28/25 11:26	VY102825
75-69-4	Trichlorofluoromethane	1.40	U	1	1.40	5.70	ug/Kg	10/28/25 11:26	VY102825
76-13-1	1,1,2-Trichlorotrifluoroethane	1.20	U	1	1.20	5.70	ug/Kg	10/28/25 11:26	VY102825
75-35-4	1,1-Dichloroethene	1.10	U	1	1.10	5.70	ug/Kg	10/28/25 11:26	VY102825
67-64-1	Acetone	5.40	U	1	5.40	28.3	ug/Kg	10/28/25 11:26	VY102825
75-15-0	Carbon Disulfide	1.20	U	1	1.20	5.70	ug/Kg	10/28/25 11:26	VY102825
1634-04-4	Methyl tert-butyl Ether	0.83	U	1	0.83	5.70	ug/Kg	10/28/25 11:26	VY102825
79-20-9	Methyl Acetate	1.70	U	1	1.70	5.70	ug/Kg	10/28/25 11:26	VY102825
75-09-2	Methylene Chloride	4.00	U	1	4.00	11.3	ug/Kg	10/28/25 11:26	VY102825
156-60-5	trans-1,2-Dichloroethene	0.97	U	1	0.97	5.70	ug/Kg	10/28/25 11:26	VY102825
75-34-3	1,1-Dichloroethane	0.91	U	1	0.91	5.70	ug/Kg	10/28/25 11:26	VY102825
110-82-7	Cyclohexane	0.89	U	1	0.89	5.70	ug/Kg	10/28/25 11:26	VY102825
78-93-3	2-Butanone	7.40	U	1	7.40	28.3	ug/Kg	10/28/25 11:26	VY102825
56-23-5	Carbon Tetrachloride	1.10	U	1	1.10	5.70	ug/Kg	10/28/25 11:26	VY102825
156-59-2	cis-1,2-Dichloroethene	0.85	U	1	0.85	5.70	ug/Kg	10/28/25 11:26	VY102825
74-97-5	Bromochloromethane	1.30	U	1	1.30	5.70	ug/Kg	10/28/25 11:26	VY102825
67-66-3	Chloroform	0.95	U	1	0.95	5.70	ug/Kg	10/28/25 11:26	VY102825
71-55-6	1,1,1-Trichloroethane	1.10	U	1	1.10	5.70	ug/Kg	10/28/25 11:26	VY102825
108-87-2	Methylcyclohexane	1.00	U	1	1.00	5.70	ug/Kg	10/28/25 11:26	VY102825
71-43-2	Benzene	0.89	U	1	0.89	5.70	ug/Kg	10/28/25 11:26	VY102825
107-06-2	1,2-Dichloroethane	0.89	U	1	0.89	5.70	ug/Kg	10/28/25 11:26	VY102825
79-01-6	Trichloroethene	0.92	U	1	0.92	5.70	ug/Kg	10/28/25 11:26	VY102825
78-87-5	1,2-Dichloropropane	1.00	U	1	1.00	5.70	ug/Kg	10/28/25 11:26	VY102825
75-27-4	Bromodichloromethane	0.88	U	1	0.88	5.70	ug/Kg	10/28/25 11:26	VY102825
108-10-1	4-Methyl-2-Pentanone	4.10	U	1	4.10	28.3	ug/Kg	10/28/25 11:26	VY102825
108-88-3	Toluene	0.88	U	1	0.88	5.70	ug/Kg	10/28/25 11:26	VY102825
10061-02-6	t-1,3-Dichloropropene	0.74	U	1	0.74	5.70	ug/Kg	10/28/25 11:26	VY102825
10061-01-5	cis-1,3-Dichloropropene	0.70	U	1	0.70	5.70	ug/Kg	10/28/25 11:26	VY102825
79-00-5	1,1,2-Trichloroethane	1.00	U	1	1.00	5.70	ug/Kg	10/28/25 11:26	VY102825
591-78-6	2-Hexanone	4.20	U	1	4.20	28.3	ug/Kg	10/28/25 11:26	VY102825
124-48-1	Dibromochloromethane	0.98	U	1	0.98	5.70	ug/Kg	10/28/25 11:26	VY102825
106-93-4	1,2-Dibromoethane	1.00	U	1	1.00	5.70	ug/Kg	10/28/25 11:26	VY102825
127-18-4	Tetrachloroethene	1.20	U	1	1.20	5.70	ug/Kg	10/28/25 11:26	VY102825
108-90-7	Chlorobenzene	1.00	U	1	1.00	5.70	ug/Kg	10/28/25 11:26	VY102825
100-41-4	Ethyl Benzene	0.76	U	1	0.76	5.70	ug/Kg	10/28/25 11:26	VY102825
179601-23-1	m/p-Xylenes	1.40	U	1	1.40	11.3	ug/Kg	10/28/25 11:26	VY102825
95-47-6	o-Xylene	0.93	U	1	0.93	5.70	ug/Kg	10/28/25 11:26	VY102825
100-42-5	Styrene	0.80	U	1	0.80	5.70	ug/Kg	10/28/25 11:26	VY102825
75-25-2	Bromoform	0.97	U	1	0.97	5.70	ug/Kg	10/28/25 11:26	VY102825

Raw Data: **VY023603.D**

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

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	10/27/25
Project:	7 Rynda Road, Maplewood	Date Received:	10/27/25
Client Sample ID:	VOC	SDG No.:	Q3474
Lab Sample ID:	Q3474-02	Matrix:	SOIL
Analytical Method:	8260D	Level : LOW	% Solid: 86.6
Sample Wt/Vol:	5.1 g	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.88	U	1	0.88	5.70	ug/Kg	10/28/25 11:26	VY102825
79-34-5	1,1,2,2-Tetrachloroethane	1.40	U	1	1.40	5.70	ug/Kg	10/28/25 11:26	VY102825
541-73-1	1,3-Dichlorobenzene	1.90	U	1	1.90	5.70	ug/Kg	10/28/25 11:26	VY102825
106-46-7	1,4-Dichlorobenzene	1.80	U	1	1.80	5.70	ug/Kg	10/28/25 11:26	VY102825
95-50-1	1,2-Dichlorobenzene	1.60	U	1	1.60	5.70	ug/Kg	10/28/25 11:26	VY102825
96-12-8	1,2-Dibromo-3-Chloropropane	2.10	U	1	2.10	5.70	ug/Kg	10/28/25 11:26	VY102825
120-82-1	1,2,4-Trichlorobenzene	3.40	U	1	3.40	5.70	ug/Kg	10/28/25 11:26	VY102825
87-61-6	1,2,3-Trichlorobenzene	3.60	U	1	3.60	5.70	ug/Kg	10/28/25 11:26	VY102825
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	58.2			63 - 155	116%	SPK: 50		
1868-53-7	Dibromofluoromethane	52.7			70 - 134	105%	SPK: 50		
2037-26-5	Toluene-d8	48.9			74 - 123	98%	SPK: 50		
460-00-4	4-Bromofluorobenzene	38.1			17 - 146	76%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	624000							
540-36-3	1,4-Difluorobenzene	1040000							
3114-55-4	Chlorobenzene-d5	846000							
3855-82-1	1,4-Dichlorobenzene-d4	305000							

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\VY102825\
Data File : VY023603.D
Acq On : 28 Oct 2025 11:26
Operator : SY/MD
Sample : Q3474-02
Misc : 5.10g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Quant Time: Oct 29 06:23:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

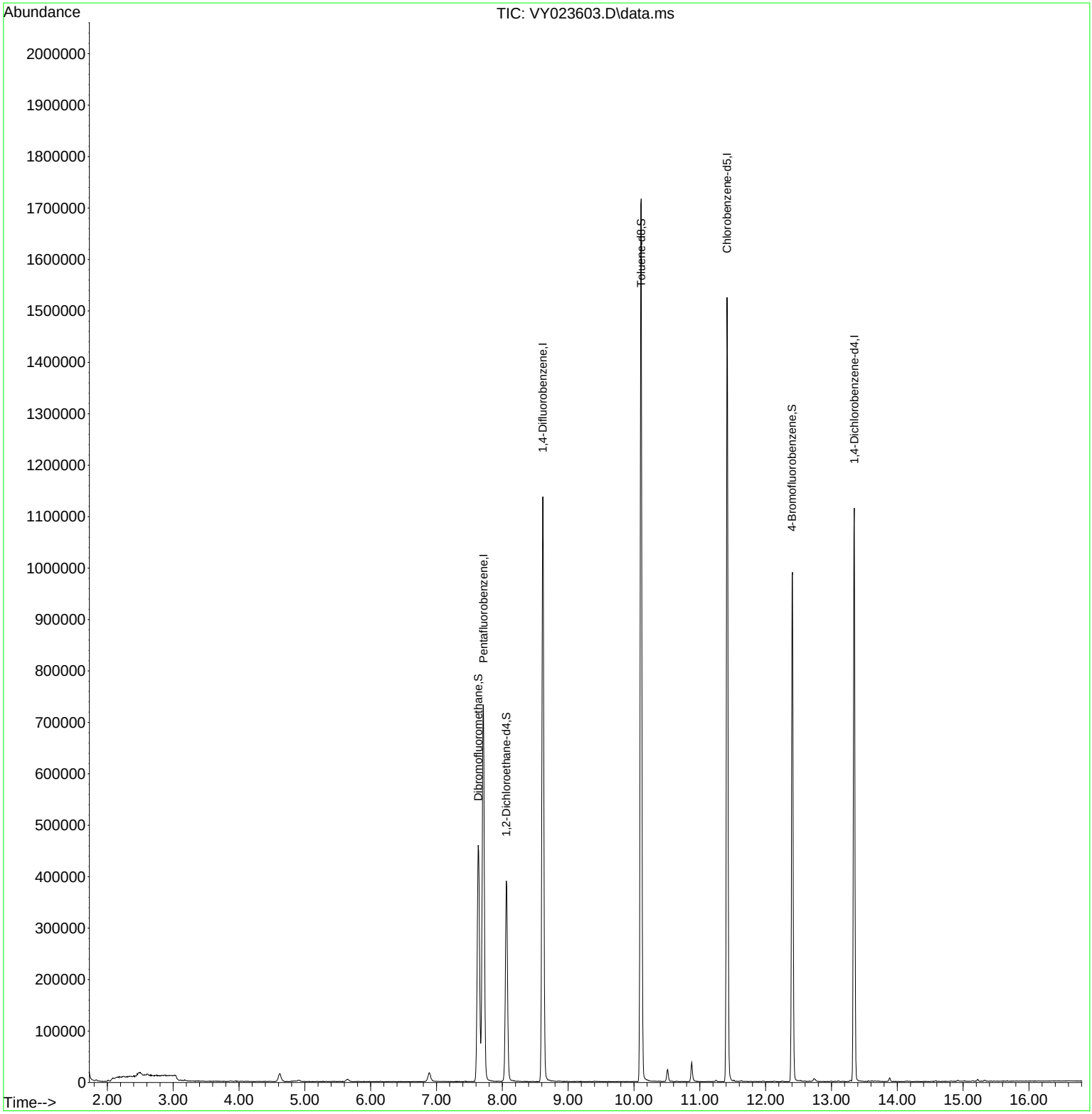
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	624082	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	1042505	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	846455	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	305015	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	303500	58.157	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 116.320%			
35) Dibromofluoromethane	7.634	113	337286	52.654	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.300%			
50) Toluene-d8	10.109	98	1165866	48.872	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 97.740%			
62) 4-Bromofluorobenzene	12.401	95	299946	38.084	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 76.160%			
Target Compounds						Qvalue

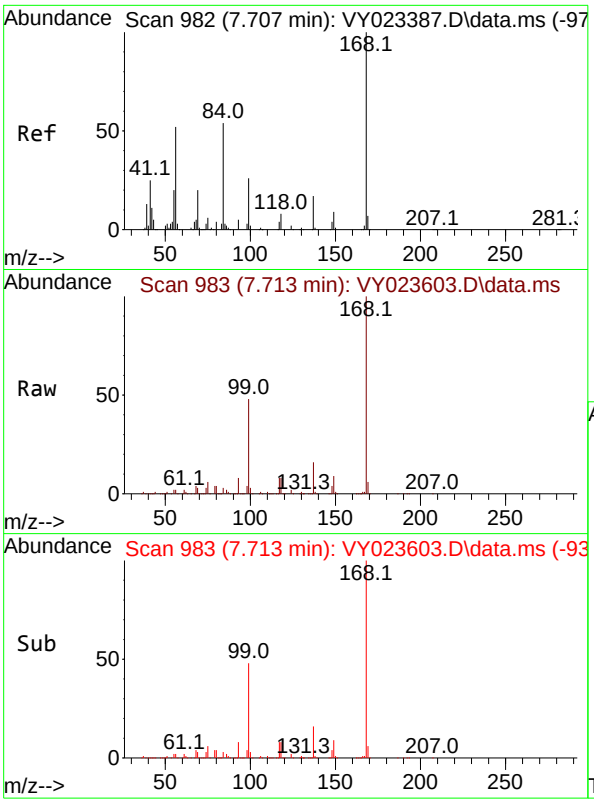
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102825\
Data File : VY023603.D
Acq On : 28 Oct 2025 11:26
Operator : SY/MD
Sample : Q3474-02
Misc : 5.10g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Quant Time: Oct 29 06:23:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration



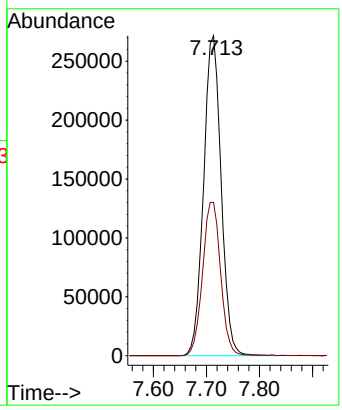


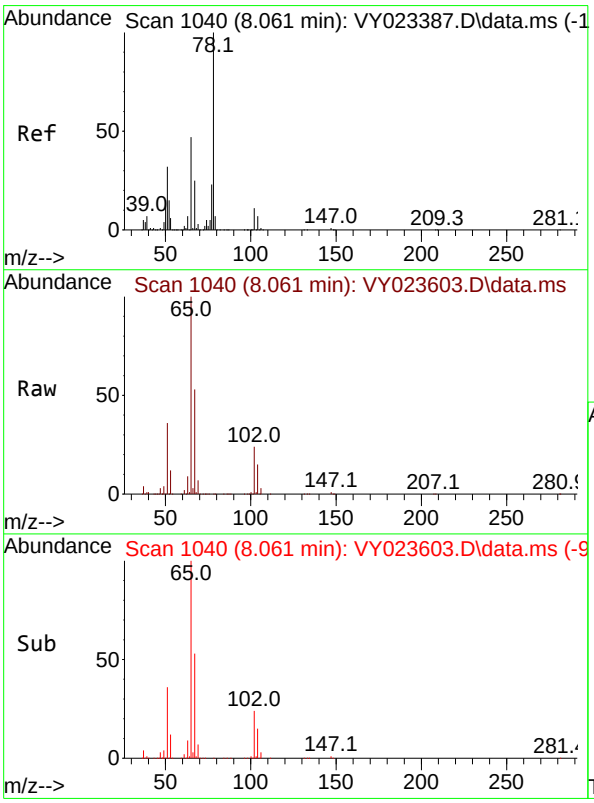
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY023603.D
Acq: 28 Oct 2025 11:26

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Tgt Ion:168 Resp: 624082

Ion	Ratio	Lower	Upper
168	100		
99	47.9	39.7	59.5

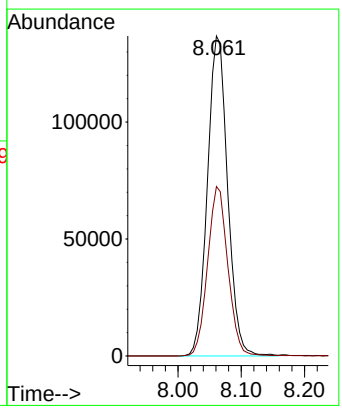


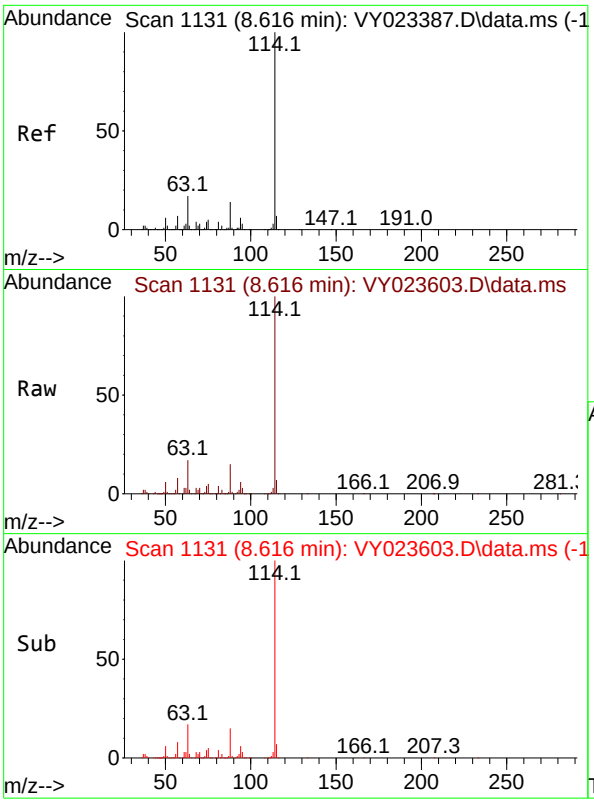


#33
1,2-Dichloroethane-d4
Concen: 58.157 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY023603.D
Acq: 28 Oct 2025 11:26

Tgt Ion: 65 Resp: 303500

Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	105.8



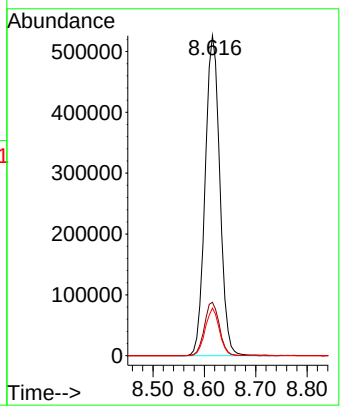


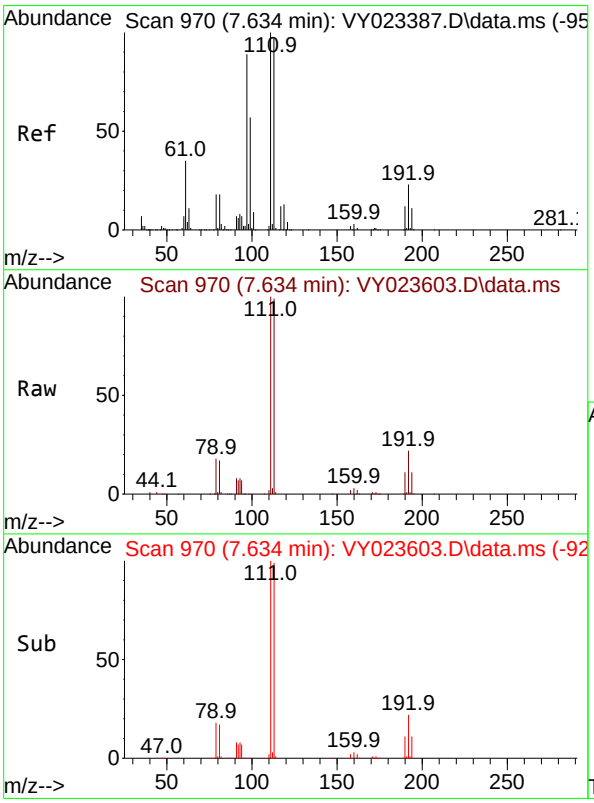
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023603.D
Acq: 28 Oct 2025 11:26

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Tgt Ion:114 Resp: 1042505

Ion	Ratio	Lower	Upper
114	100		
63	16.7	0.0	34.2
88	14.9	0.0	28.4

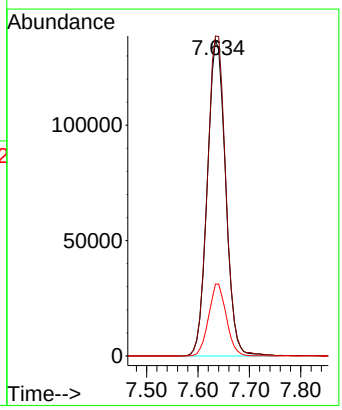


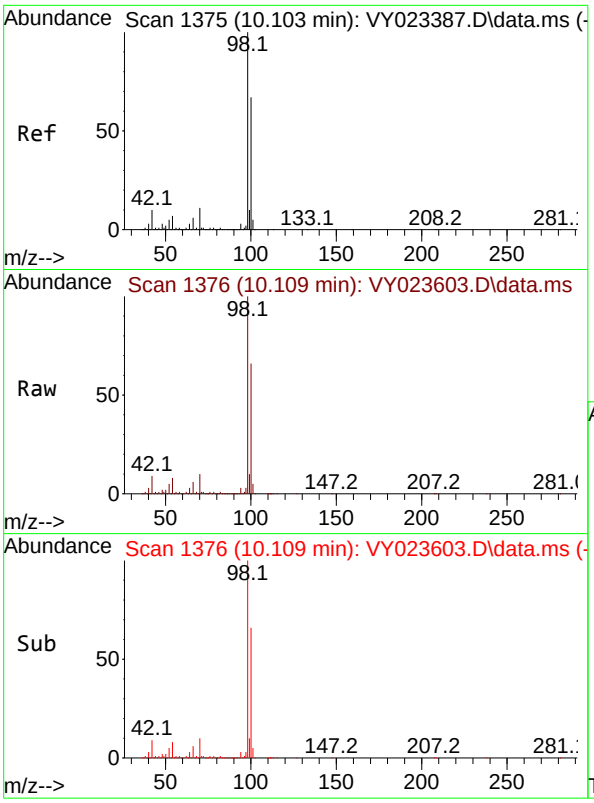


#35
Dibromofluoromethane
Concen: 52.654 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY023603.D
Acq: 28 Oct 2025 11:26

Tgt Ion:113 Resp: 337286

Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.8	122.6
192	22.1	18.0	27.0



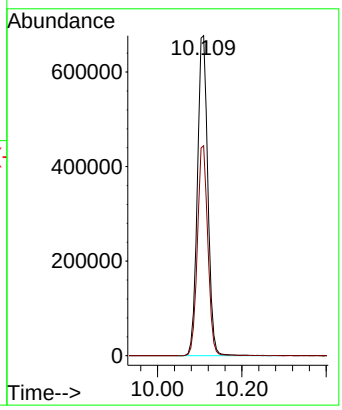


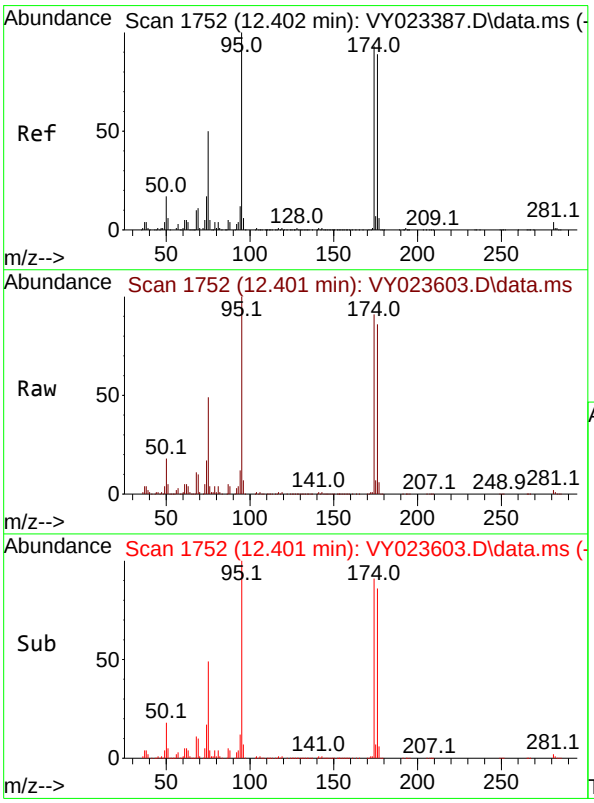
#50
Toluene-d8
Concen: 48.872 ug/l
RT: 10.109 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023603.D
Acq: 28 Oct 2025 11:26

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Tgt Ion: 98 Resp: 1165866

Ion	Ratio	Lower	Upper
98	100		
100	65.2	53.0	79.4

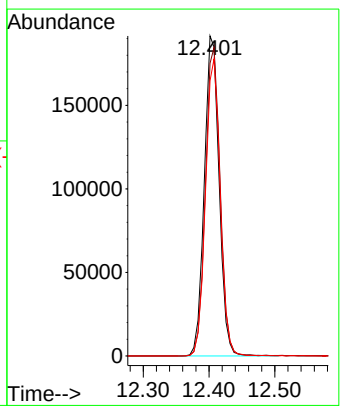


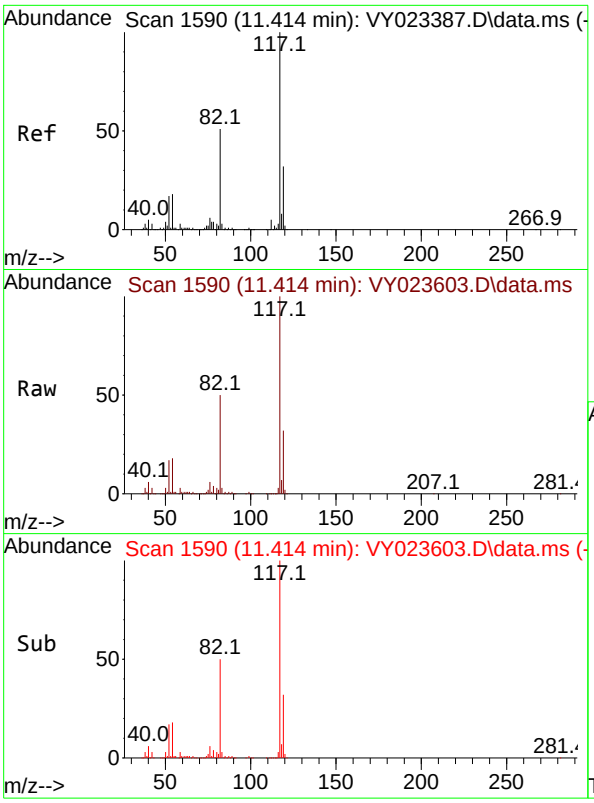


#62
4-Bromofluorobenzene
Concen: 38.084 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VY023603.D
Acq: 28 Oct 2025 11:26

Tgt Ion: 95 Resp: 299946

Ion	Ratio	Lower	Upper
95	100		
174	96.4	0.0	192.8
176	92.3	0.0	187.6



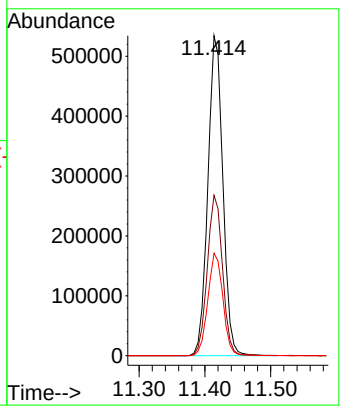


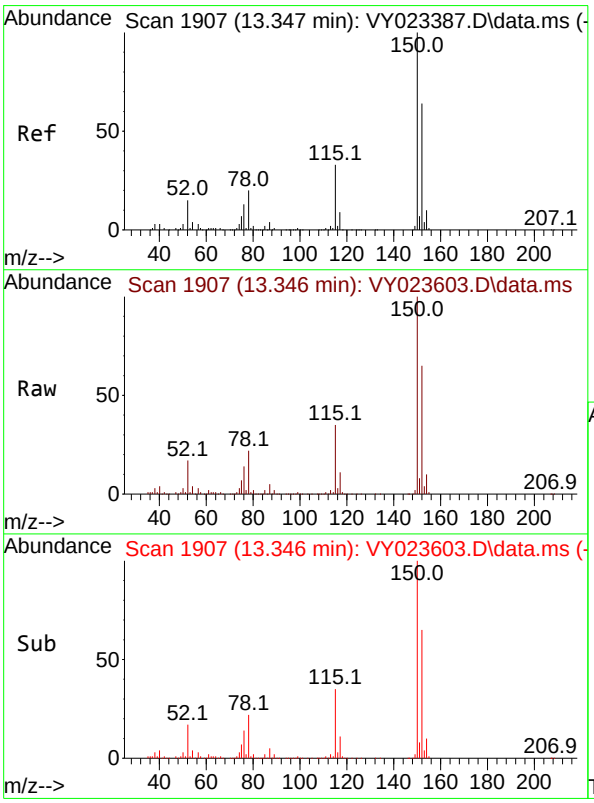
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023603.D
Acq: 28 Oct 2025 11:26

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Tgt Ion:117 Resp: 846455

Ion	Ratio	Lower	Upper
117	100		
82	50.1	41.0	61.4
119	32.0	25.6	38.4

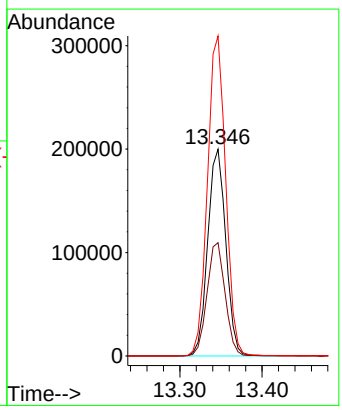




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY023603.D
Acq: 28 Oct 2025 11:26

Tgt Ion:152 Resp: 305015

Ion	Ratio	Lower	Upper
152	100		
115	55.1	27.1	81.2
150	156.3	0.0	347.4



Sample Results: **VY023603.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102825\
Data File : VY023603.D
Acq On : 28 Oct 2025 11:26
Operator : SY/MD
Sample : Q3474-02
Misc : 5.10g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VOC

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

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

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Title : SW846 8260

Signal : TIC: VY023603.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.616	466	475	491	rVB3	15810	51038	1.72%	0.342%
2	6.890	837	848	860	rBV	17413	54543	1.83%	0.366%
3	7.634	959	970	976	rBV	459204	1120040	37.65%	7.507%
4	7.707	976	982	997	rVB	730763	1707744	57.40%	11.447%
5	8.061	1029	1040	1053	rBV	389985	885942	29.78%	5.938%
6	8.616	1122	1131	1143	rBV	1136951	2259552	75.95%	15.145%
7	10.109	1367	1376	1389	rBV	1716497	2974939	100.00%	19.940%
8	10.512	1434	1442	1449	rBV	23253	42669	1.43%	0.286%
9	10.877	1495	1502	1513	rBV	36866	62162	2.09%	0.417%
10	11.414	1583	1590	1605	rBV	1523872	2426060	81.55%	16.261%
11	12.408	1745	1753	1765	rBV	990202	1618683	54.41%	10.850%
12	13.346	1900	1907	1917	rBV	1113862	1715843	57.68%	11.501%

Sum of corrected areas: 14919215

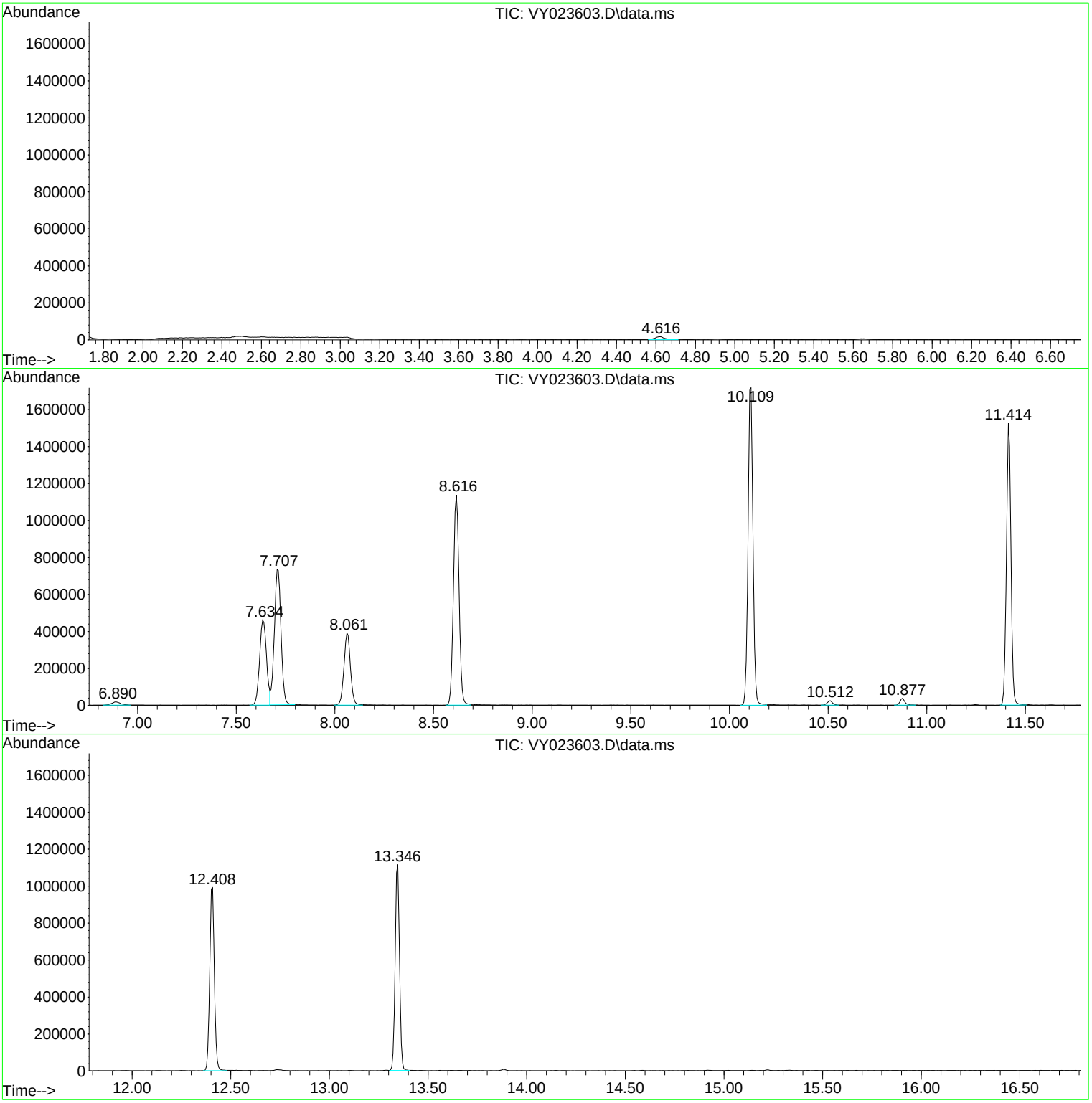
Sample Results: **VY023603.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102825\
Data File : VY023603.D
Acq On : 28 Oct 2025 11:26
Operator : SY/MD
Sample : Q3474-02
Misc : 5.10g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260

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



Library Search Compound Report

Sample Results: **VY023603.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102825\
Data File : VY023603.D
Acq On : 28 Oct 2025 11:26
Operator : SY/MD
Sample : Q3474-02
Misc : 5.10g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260

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

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102825\
Data File : VY023603.D
Acq On : 28 Oct 2025 11:26
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Misc : 5.10g/5.0mL/MSVOA_Y/SOIL/A
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MSVOA_Y
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260

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

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

CALIBRATION SUMMARY

Raw Data

Alliance TECHNICAL GROUP

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: SCIA01

Lab Code: ACE SDG No.: Q3474

Instrument ID: MSVOA_Y Calibration Date(s): 10/07/2025 10/07/2025

Heated Purge: (Y/N) Y Calibration Time(s): 09:17 12:32

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

LAB FILE ID: RRF005 = VY023384.D RRF010 = VY023385.D RRF020 = VY023386.D
RRF050 = VY023387.D RRF100 = VY023388.D RRF150 = VY023389.D

COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.397	0.399	0.400	0.321	0.310	0.333	0.360	12
Chloromethane	0.518	0.557	0.512	0.449	0.438	0.467	0.490	9.4
Vinyl Chloride	0.660	0.684	0.659	0.598	0.597	0.633	0.639	5.6
Bromomethane	0.601	0.596	0.548	0.469	0.483	0.518	0.536	10.4
Chloroethane	0.441	0.462	0.453	0.414	0.413	0.429	0.435	4.7
Trichlorofluoromethane	0.884	0.920	0.946	0.842	0.850	0.877	0.887	4.5
1,1,2-Trichlorotrifluoroethane	0.484	0.486	0.479	0.437	0.429	0.445	0.460	5.6
1,1-Dichloroethene	0.449	0.475	0.456	0.427	0.426	0.443	0.446	4.1
Acetone	0.128	0.117	0.094	0.084	0.085	0.089	0.100	18.7
Carbon Disulfide	1.291	1.367	1.320	1.225	1.210	1.246	1.277	4.7
Methyl tert-butyl Ether	1.006	1.075	1.075	1.020	1.091	1.165	1.072	5.3
Methyl Acetate	0.244	0.265	0.260	0.245	0.266	0.286	0.261	6
Methylene Chloride	0.625	0.634	0.576	0.458	0.463	0.473	0.538	15.4
trans-1,2-Dichloroethene	0.494	0.504	0.507	0.470	0.478	0.494	0.491	2.9
1,1-Dichloroethane	0.800	0.835	0.827	0.759	0.765	0.792	0.796	3.9
Cyclohexane	0.797	0.717	0.697	0.643	0.644	0.676	0.696	8.3
2-Butanone	0.133	0.134	0.115	0.105	0.115	0.126	0.122	9.6
Carbon Tetrachloride	0.483	0.501	0.504	0.481	0.487	0.503	0.493	2.1
cis-1,2-Dichloroethene	0.542	0.584	0.582	0.542	0.563	0.591	0.567	3.8
Bromochloromethane	0.332	0.323	0.320	0.267	0.270	0.273	0.297	10.2
Chloroform	0.886	0.912	0.901	0.835	0.842	0.874	0.875	3.5
1,1,1-Trichloroethane	0.808	0.814	0.822	0.767	0.764	0.796	0.795	3.1
Methylcyclohexane	0.491	0.486	0.537	0.527	0.554	0.583	0.530	7
Benzene	1.253	1.302	1.322	1.259	1.281	1.312	1.288	2.2
1,2-Dichloroethane	0.328	0.346	0.343	0.315	0.324	0.338	0.332	3.6
Trichloroethene	0.380	0.381	0.386	0.367	0.372	0.376	0.377	1.8
1,2-Dichloropropane	0.276	0.289	0.292	0.274	0.283	0.293	0.285	2.9
Bromodichloromethane	0.440	0.463	0.459	0.439	0.449	0.468	0.453	2.7
4-Methyl-2-Pentanone	0.141	0.159	0.161	0.159	0.180	0.196	0.166	11.6
Toluene	0.777	0.818	0.855	0.827	0.855	0.885	0.836	4.5

* 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.

Raw Data

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: SCIA01

Lab Code: ACE SDG No.: Q3474

Instrument ID: MSVOA_Y Calibration Date(s): 10/07/2025 10/07/2025

Heated Purge: (Y/N) Y Calibration Time(s): 09:17 12:32

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

LAB FILE ID: RRF005 = VY023384.D RRF010 = VY023385.D RRF020 = VY023386.D
RRF050 = VY023387.D RRF100 = VY023388.D RRF150 = VY023389.D

COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
t-1,3-Dichloropropene	0.357	0.380	0.390	0.385	0.415	0.438	0.394	7.2
cis-1,3-Dichloropropene	0.424	0.460	0.465	0.455	0.481	0.505	0.465	5.9
1,1,2-Trichloroethane	0.234	0.247	0.241	0.231	0.244	0.254	0.242	3.5
2-Hexanone	0.108	0.117	0.110	0.112	0.126	0.138	0.119	9.9
Dibromochloromethane	0.319	0.337	0.340	0.327	0.347	0.365	0.339	4.7
1,2-Dibromoethane	0.215	0.229	0.231	0.223	0.237	0.249	0.231	5.2
Tetrachloroethene	0.538	0.517	0.561	0.523	0.502	0.456	0.516	6.9
Chlorobenzene	1.086	1.095	1.092	1.053	1.083	1.116	1.087	1.9
Ethyl Benzene	1.606	1.711	1.753	1.777	1.824	1.891	1.760	5.5
m/p-Xylenes	0.632	0.675	0.715	0.719	0.734	0.763	0.706	6.5
o-Xylene	0.588	0.623	0.653	0.670	0.701	0.738	0.662	8.1
Styrene	0.902	1.026	1.098	1.109	1.166	1.233	1.089	10.5
Bromoform	0.225	0.242	0.238	0.230	0.244	0.262	0.240	5.4
Isopropylbenzene	2.967	3.153	3.353	3.317	3.425	3.555	3.295	6.3
1,1,2,2-Tetrachloroethane	0.530	0.548	0.502	0.499	0.543	0.611	0.539	7.6
1,3-Dichlorobenzene	1.667	1.698	1.718	1.657	1.701	1.794	1.706	2.9
1,4-Dichlorobenzene	1.703	1.703	1.694	1.624	1.653	1.732	1.685	2.3
1,2-Dichlorobenzene	1.485	1.498	1.511	1.446	1.490	1.543	1.496	2.1
1,2-Dibromo-3-Chloropropane	0.087	0.093	0.083	0.083	0.088	0.096	0.088	6.2
1,2,4-Trichlorobenzene	0.846	0.867	0.901	0.918	1.007	1.054	0.932	8.7
1,2,3-Trichlorobenzene	0.719	0.753	0.795	0.793	0.866	0.920	0.808	9.1
1,2-Dichloroethane-d4	0.455	0.436	0.429	0.392	0.392	0.405	0.418	6.2
Dibromofluoromethane	0.311	0.314	0.317	0.298	0.299	0.303	0.307	2.6
Toluene-d8	1.132	1.170	1.177	1.129	1.122	1.135	1.144	2
4-Bromofluorobenzene	0.401	0.370	0.373	0.365	0.372	0.386	0.378	3.5

* 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 : 82Y100725S.M
Title : SW846 8260
Last Update : Wed Oct 08 05:12:50 2025
Response Via : Initial Calibration

Calibration Files
5 =VY023384.D 10 =VY023385.D 20 =VY023386.D 50 =VY023387.D 100 =VY023388.D 150 =VY023389.D

		Compound	5	10	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.397	0.399	0.400	0.321	0.310	0.333	0.360	11.97
3)	P	Chloromethane	0.518	0.557	0.512	0.449	0.438	0.467	0.490	9.45
4)	C	Vinyl Chloride	0.660	0.684	0.659	0.598	0.597	0.633	0.639	5.59#
5)	T	Bromomethane	0.601	0.596	0.548	0.469	0.483	0.518	0.536	10.42
6)	T	Chloroethane	0.441	0.462	0.453	0.414	0.413	0.429	0.435	4.67
7)	T	Trichlorofluor...	0.884	0.920	0.946	0.842	0.850	0.877	0.887	4.54
8)	T	Diethyl Ether	0.240	0.239	0.236	0.215	0.224	0.237	0.232	4.42
9)	T	1,1,2-Trichlor...	0.484	0.486	0.479	0.437	0.429	0.445	0.460	5.57
10)	T	Methyl Iodide	0.404	0.503	0.518	0.538	0.547	0.562	0.512	11.09
11)	T	Tert butyl alc...	0.033	0.037	0.030	0.025	0.029	0.033	0.031	13.08
12)	CM	1,1-Dichloroet...	0.449	0.475	0.456	0.427	0.426	0.443	0.446	4.14#
13)	T	Acrolein	0.045	0.043	0.042	0.042	0.044	0.048	0.044	5.27
14)	T	Allyl chloride	0.540	0.555	0.546	0.526	0.535	0.560	0.544	2.33
15)	T	Acrylonitrile	0.088	0.093	0.086	0.082	0.088	0.095	0.089	5.52
16)	T	Acetone	0.128	0.117	0.094	0.084	0.085	0.089	0.100	18.67
17)	T	Carbon Disulfide	1.291	1.367	1.320	1.225	1.210	1.246	1.277	4.74
18)	T	Methyl Acetate	0.244	0.265	0.260	0.245	0.266	0.286	0.261	6.00
19)	T	Methyl tert-bu...	1.006	1.075	1.075	1.020	1.091	1.165	1.072	5.30
20)	T	Methylene Chlo...	0.625	0.634	0.576	0.458	0.463	0.473	0.538	15.41
21)	T	trans-1,2-Dich...	0.494	0.504	0.507	0.470	0.478	0.494	0.491	2.95
22)	T	Diisopropyl ether	1.107	1.238	1.255	1.163	1.195	1.257	1.202	4.95
23)	T	Vinyl Acetate	0.594	0.646	0.651	0.625	0.667	0.722	0.651	6.65
24)	P	1,1-Dichloroet...	0.800	0.835	0.827	0.759	0.765	0.792	0.796	3.90
25)	T	2-Butanone	0.133	0.134	0.115	0.105	0.115	0.126	0.122	9.56
26)	T	2,2-Dichloropr...	0.752	0.771	0.731	0.705	0.699	0.726	0.731	3.74
27)	T	cis-1,2-Dichlo...	0.542	0.584	0.582	0.542	0.563	0.591	0.567	3.81
28)	T	Bromochloromet...	0.332	0.323	0.320	0.267	0.270	0.273	0.297	10.22
29)	T	Tetrahydrofuran	0.066	0.070	0.067	0.064	0.070	0.078	0.069	7.25
30)	C	Chloroform	0.886	0.912	0.901	0.835	0.842	0.874	0.875	3.54#
31)	T	Cyclohexane	0.797	0.717	0.697	0.643	0.644	0.676	0.696	8.27
32)	T	1,1,1-Trichlor...	0.808	0.814	0.822	0.767	0.764	0.796	0.795	3.08
33)	S	1,2-Dichloroet...	0.455	0.436	0.429	0.392	0.392	0.405	0.418	6.21
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...	0.311	0.314	0.317	0.298	0.299	0.303	0.307	2.62
36)	T	1,1-Dichloropr...	0.395	0.413	0.413	0.397	0.405	0.417	0.407	2.20
37)	T	Ethyl Acetate	0.148	0.162	0.163	0.150	0.164	0.179	0.161	6.94
38)	T	Carbon Tetrach...	0.483	0.501	0.504	0.481	0.487	0.503	0.493	2.14
39)	T	Methylcyclohexane	0.491	0.486	0.537	0.527	0.554	0.583	0.530	7.03
40)	TM	Benzene	1.253	1.302	1.322	1.259	1.281	1.312	1.288	2.22
41)	T	Methacrylonitrile	0.082	0.085	0.091	0.080	0.089	0.096	0.087	7.09
42)	TM	1,2-Dichloroet...	0.328	0.346	0.343	0.315	0.324	0.338	0.332	3.59
43)	T	Isopropyl Acetate	0.297	0.313	0.313	0.302	0.335	0.369	0.321	8.32
44)	TM	Trichloroethene	0.380	0.381	0.386	0.367	0.372	0.376	0.377	1.81
45)	C	1,2-Dichloropr...	0.276	0.289	0.292	0.274	0.283	0.293	0.285	2.89#
46)	T	Dibromomethane	0.172	0.182	0.183	0.173	0.181	0.188	0.180	3.43
47)	T	Bromodichlorom...	0.440	0.463	0.459	0.439	0.449	0.468	0.453	2.70
48)	T	Methyl methacr...	0.125	0.139	0.149	0.148	0.165	0.181	0.151	12.98
49)	T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.002	0.002	0.002	10.06
50)	S	Toluene-d8	1.132	1.170	1.177	1.129	1.122	1.135	1.144	2.03
51)	T	4-Methyl-2-Pen...	0.141	0.159	0.161	0.159	0.180	0.196	0.166	11.55
52)	CM	Toluene	0.777	0.818	0.855	0.827	0.855	0.885	0.836	4.49#
53)	T	t-1,3-Dichloro...	0.357	0.380	0.390	0.385	0.415	0.438	0.394	7.24
54)	T	cis-1,3-Dichlo...	0.424	0.460	0.465	0.455	0.481	0.505	0.465	5.86
55)	T	1,1,2-Trichlor...	0.234	0.247	0.241	0.231	0.244	0.254	0.242	3.52
56)	T	Ethyl methacry...	0.219	0.248	0.262	0.279	0.321	0.345	0.279	16.80

Method Path : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\
Method File : 82Y100725S.M

57)	T	1,3-Dichloropr...	0.361	0.381	0.383	0.374	0.392	0.409	0.383	4.26
58)	T	2-Chloroethyl ...	0.093	0.112	0.112	0.129	0.145	0.159	0.125	19.35
59)	T	2-Hexanone	0.108	0.117	0.110	0.112	0.126	0.138	0.119	9.86
60)	T	Dibromochlorom...	0.319	0.337	0.340	0.327	0.347	0.365	0.339	4.69
61)	T	1,2-Dibromoethane	0.215	0.229	0.231	0.223	0.237	0.249	0.231	5.16
62)	S	4-Bromofluorob...	0.401	0.370	0.373	0.365	0.372	0.386	0.378	3.51
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.538	0.517	0.561	0.523	0.502	0.456	0.516	6.92
65)	PM	Chlorobenzene	1.086	1.095	1.092	1.053	1.083	1.116	1.087	1.89
66)	T	1,1,1,2-Tetrac...	0.388	0.389	0.390	0.373	0.384	0.402	0.388	2.44
67)	C	Ethyl Benzene	1.606	1.711	1.753	1.777	1.824	1.891	1.760	5.54#
68)	T	m/p-Xylenes	0.632	0.675	0.715	0.719	0.734	0.763	0.706	6.54
69)	T	o-Xylene	0.588	0.623	0.653	0.670	0.701	0.738	0.662	8.15
70)	T	Styrene	0.902	1.026	1.098	1.109	1.166	1.233	1.089	10.55
71)	P	Bromoform	0.225	0.242	0.238	0.230	0.244	0.262	0.240	5.41
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	2.967	3.153	3.353	3.317	3.425	3.555	3.295	6.30
74)	T	N-amyl acetate	0.477	0.535	0.556	0.581	0.665	0.738	0.592	15.95
75)	P	1,1,2,2-Tetrac...	0.530	0.548	0.502	0.499	0.543	0.611	0.539	7.60
76)	T	1,2,3-Trichlor...	0.406	0.399	0.484	0.433	0.455	0.469	0.441	7.76
77)	T	Bromobenzene	0.849	0.880	0.885	0.845	0.877	0.921	0.876	3.14
78)	T	n-propylbenzene	3.373	3.676	3.906	3.883	3.955	4.086	3.813	6.64
79)	T	2-Chlorotoluene	2.095	2.208	2.282	2.227	2.249	2.338	2.233	3.66
80)	T	1,3,5-Trimethy...	2.309	2.557	2.736	2.706	2.772	2.896	2.663	7.70
81)	T	trans-1,4-Dich...	0.171	0.175	0.176	0.169	0.185	0.203	0.180	7.04
82)	T	4-Chlorotoluene	2.173	2.266	2.362	2.276	2.316	2.404	2.300	3.52
83)	T	tert-Butylbenzene	2.199	2.363	2.465	2.522	2.533	2.668	2.458	6.55
84)	T	1,2,4-Trimethy...	2.301	2.552	2.701	2.706	2.782	2.903	2.657	7.86
85)	T	sec-Butylbenzene	3.175	3.388	3.571	3.583	3.664	3.778	3.527	6.08
86)	T	p-Isopropyltol...	2.575	2.804	3.032	3.087	3.183	3.334	3.003	9.09
87)	T	1,3-Dichlorobe...	1.667	1.698	1.718	1.657	1.701	1.794	1.706	2.85
88)	T	1,4-Dichlorobe...	1.703	1.703	1.694	1.624	1.653	1.732	1.685	2.33
89)	T	n-Butylbenzene	2.279	2.428	2.626	2.682	2.778	2.904	2.616	8.76
90)	T	Hexachloroethane	0.667	0.631	0.647	0.625	0.643	0.662	0.646	2.54
91)	T	1,2-Dichlorobe...	1.485	1.498	1.511	1.446	1.490	1.543	1.496	2.13
92)	T	1,2-Dibromo-3-...	0.087	0.093	0.083	0.083	0.088	0.096	0.088	6.18
93)	T	1,2,4-Trichlor...	0.846	0.867	0.901	0.918	1.007	1.054	0.932	8.75
94)	T	Hexachlorobuta...	0.590	0.571	0.572	0.577	0.587	0.590	0.581	1.52
95)	T	Naphthalene	1.206	1.281	1.346	1.466	1.722	1.887	1.485	17.98
96)	T	1,2,3-Trichlor...	0.719	0.753	0.795	0.793	0.866	0.920	0.808	9.14

(#) = Out of Range

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023384.D
Acq On : 07 Oct 2025 09:17
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

Quant Time: Oct 08 04:39:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 04:39:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	585717	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	882488	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	753398	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	378104	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	26670	5.258	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 10.520%#			
35) Dibromofluoromethane	7.634	113	27455	5.126	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 10.260%#			
50) Toluene-d8	10.103	98	99905	4.946	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 9.900%#			
62) 4-Bromofluorobenzene	12.401	95	35355	5.548	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 11.100%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	23245	5.038	ug/l	92
3) Chloromethane	2.074	50	30346	4.627	ug/l	94
4) Vinyl Chloride	2.202	62	38657	4.668	ug/l	95
5) Bromomethane	2.598	94	35214	5.184	ug/l	94
6) Chloroethane	2.732	64	25848	4.597	ug/l	98
7) Trichlorofluoromethane	3.055	101	51797	4.869	ug/l	98
8) Diethyl Ether	3.452	74	14079	5.060	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.818	101	28368	4.989	ug/l	99
10) Methyl Iodide	4.007	142	23692	3.606	ug/l	99
11) Tert butyl alcohol	4.854	59	9774	32.746	ug/l #	80
12) 1,1-Dichloroethene	3.787	96	26290	4.806	ug/l	94
13) Acrolein	3.653	56	13176	26.054	ug/l	100
14) Allyl chloride	4.385	41	31614	4.616	ug/l	98
15) Acrylonitrile	5.055	53	25891	23.754	ug/l	99
16) Acetone	3.866	43	37573	32.940	ug/l	96
17) Carbon Disulfide	4.104	76	75645	4.432	ug/l	99
18) Methyl Acetate	4.391	43	14279	4.926	ug/l	98
19) Methyl tert-butyl Ether	5.116	73	58919	4.600	ug/l	95
20) Methylene Chloride	4.616	84	36598	5.917	ug/l	100
21) trans-1,2-Dichloroethene	5.110	96	28923	4.754	ug/l	99
22) Diisopropyl ether	6.018	45	64833	4.269	ug/l	94
23) Vinyl Acetate	5.964	43	173851	20.824	ug/l	99
24) 1,1-Dichloroethane	5.909	63	46850	4.679	ug/l	100
25) 2-Butanone	6.890	43	38990	27.656	ug/l	93
26) 2,2-Dichloropropane	6.884	77	44062	4.953	ug/l	98
27) cis-1,2-Dichloroethene	6.884	96	31743	4.600	ug/l	98
28) Bromochloromethane	7.244	49	19445	5.006	ug/l	99
29) Tetrahydrofuran	7.262	42	19296	23.059	ug/l	98
30) Chloroform	7.421	83	51887	4.806	ug/l	97
31) Cyclohexane	7.707	56	46675	5.279	ug/l #	79
32) 1,1,1-Trichloroethane	7.616	97	47305	4.881	ug/l	99
36) 1,1-Dichloropropene	7.835	75	34888	4.617	ug/l	98
37) Ethyl Acetate	6.982	43	13082	4.379	ug/l #	93
38) Carbon Tetrachloride	7.817	117	42654	4.859	ug/l	95
39) Methylcyclohexane	9.109	83	43329	4.479	ug/l	98
40) Benzene	8.079	78	110551	4.693	ug/l	100

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023384.D
Acq On : 07 Oct 2025 09:17
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 08 04:39:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 04:39:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.225	41	7226m	4.658	ug/l		
42) 1,2-Dichloroethane	8.158	62	28940	4.828	ug/l		100
43) Isopropyl Acetate	8.201	43	26166	4.503	ug/l		99
44) Trichloroethene	8.859	130	33564	5.077	ug/l		99
45) 1,2-Dichloropropane	9.140	63	24358	4.595	ug/l		92
46) Dibromomethane	9.231	93	15179	4.682	ug/l		97
47) Bromodichloromethane	9.420	83	38813	4.756	ug/l		93
48) Methyl methacrylate	9.219	41	11038	4.071	ug/l		98
49) 1,4-Dioxane	9.219	88	3255	96.953	ug/l	#	86
51) 4-Methyl-2-Pentanone	9.999	43	62279	20.925	ug/l		98
52) Toluene	10.170	92	68550	4.585	ug/l		99
53) t-1,3-Dichloropropene	10.396	75	31477	4.491	ug/l		99
54) cis-1,3-Dichloropropene	9.853	75	37392	4.463	ug/l		96
55) 1,1,2-Trichloroethane	10.572	97	20641	4.786	ug/l		97
56) Ethyl methacrylate	10.438	69	19324	3.891	ug/l		94
57) 1,3-Dichloropropane	10.719	76	31831	4.560	ug/l		96
58) 2-Chloroethyl Vinyl ether	9.713	63	41054m	18.894	ug/l		
59) 2-Hexanone	10.761	43	47778	23.185	ug/l		97
60) Dibromochloromethane	10.908	129	28135	4.783	ug/l		97
61) 1,2-Dibromoethane	11.017	107	18957	4.673	ug/l		97
64) Tetrachloroethene	10.646	164	40570	5.383	ug/l		98
65) Chlorobenzene	11.444	112	81802	4.997	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.517	131	29222	5.075	ug/l		97
67) Ethyl Benzene	11.517	91	121005	4.529	ug/l		99
68) m/p-Xylenes	11.633	106	95176	8.887	ug/l		100
69) o-Xylene	11.956	106	44280	4.466	ug/l		98
70) Styrene	11.969	104	67960	4.152	ug/l		99
71) Bromoform	12.133	173	16988	4.929	ug/l	#	99
73) Isopropylbenzene	12.255	105	112194	4.455	ug/l		99
74) N-amyl acetate	12.066	43	18041	3.833	ug/l	#	96
75) 1,1,2,2-Tetrachloroethane	12.505	83	20052	4.773	ug/l		100
76) 1,2,3-Trichloropropane	12.554	75	15359m	4.118	ug/l		
77) Bromobenzene	12.529	156	32106	4.967	ug/l		99
78) n-propylbenzene	12.596	91	127521	4.305	ug/l		99
79) 2-Chlorotoluene	12.676	91	79199	4.631	ug/l		99
80) 1,3,5-Trimethylbenzene	12.737	105	87297	4.264	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.304	75	6474	4.680	ug/l		98
82) 4-Chlorotoluene	12.779	91	82155	4.600	ug/l		100
83) tert-Butylbenzene	12.999	119	83151	4.457	ug/l		100
84) 1,2,4-Trimethylbenzene	13.042	105	86988	4.294	ug/l		99
85) sec-Butylbenzene	13.176	105	120061	4.443	ug/l		99
86) p-Isopropyltoluene	13.291	119	97377	4.264	ug/l		99
87) 1,3-Dichlorobenzene	13.285	146	63027	4.936	ug/l		100
88) 1,4-Dichlorobenzene	13.365	146	64389	5.085	ug/l		95
89) n-Butylbenzene	13.615	91	86179	4.274	ug/l		99
90) Hexachloroethane	13.877	117	25204	5.084	ug/l		97
91) 1,2-Dichlorobenzene	13.657	146	56167	5.041	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	3305	4.964	ug/l		95
93) 1,2,4-Trichlorobenzene	14.919	180	32000	4.875	ug/l		99
94) Hexachlorobutadiene	15.023	225	22316	5.456	ug/l		99
95) Naphthalene	15.145	128	45598	4.360	ug/l		99
96) 1,2,3-Trichlorobenzene	15.328	180	27176	4.772	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023384.D
Acq On : 07 Oct 2025 09:17
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

Quant Time: Oct 08 04:39:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 04:39:16 2025
Response via : Initial Calibration

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

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

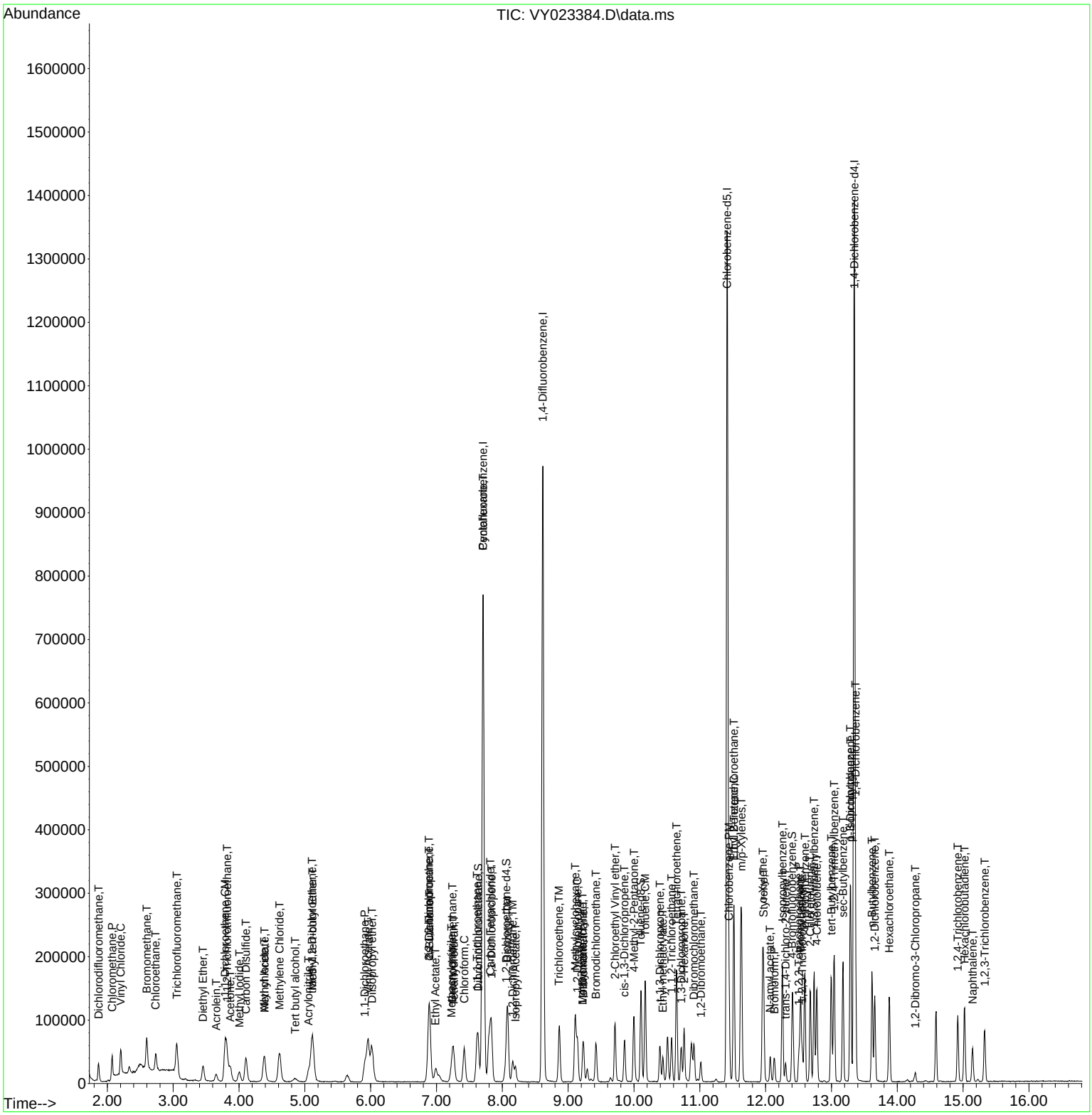
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023384.D
Acq On : 07 Oct 2025 09:17
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 08 04:39:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 04:39:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023385.D
Acq On : 07 Oct 2025 10:02
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 :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

Quant Time: Oct 08 04:40:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 04:39:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	559828	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	847077	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	736152	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	374998	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	48826	10.071	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	20.140%#		
35) Dibromofluoromethane	7.634	113	53279	10.364	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	20.720%#		
50) Toluene-d8	10.109	98	198242	10.225	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	20.460%#		
62) 4-Bromofluorobenzene	12.401	95	62601	10.235	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	20.460%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	44666	10.129	ug/l	97
3) Chloromethane	2.068	50	62413	9.957	ug/l	97
4) Vinyl Chloride	2.202	62	76587	9.676	ug/l	99
5) Bromomethane	2.592	94	66689	10.271	ug/l	90
6) Chloroethane	2.732	64	51757	9.632	ug/l	92
7) Trichlorofluoromethane	3.055	101	102972	10.128	ug/l	99
8) Diethyl Ether	3.458	74	26719	10.047	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.818	101	54405	10.011	ug/l	99
10) Methyl Iodide	4.007	142	56313	8.967	ug/l	99
11) Tert butyl alcohol	4.854	59	20540	71.998	ug/l #	89
12) 1,1-Dichloroethene	3.793	96	53191	10.173	ug/l	98
13) Acrolein	3.653	56	24014	49.681	ug/l	94
14) Allyl chloride	4.385	41	62154	9.494	ug/l	99
15) Acrylonitrile	5.061	53	51937	49.854	ug/l	99
16) Acetone	3.872	43	65410	59.997	ug/l	94
17) Carbon Disulfide	4.104	76	153055	9.382	ug/l	100
18) Methyl Acetate	4.391	43	29725	10.728	ug/l	100
19) Methyl tert-butyl Ether	5.116	73	120347	9.830	ug/l	100
20) Methylene Chloride	4.616	84	71034	12.016	ug/l	96
21) trans-1,2-Dichloroethene	5.116	96	56465	9.710	ug/l	97
22) Diisopropyl ether	6.024	45	138589	9.547	ug/l	98
23) Vinyl Acetate	5.963	43	361478	45.300	ug/l	99
24) 1,1-Dichloroethane	5.915	63	93512	9.772	ug/l	98
25) 2-Butanone	6.890	43	75171	55.784	ug/l	92
26) 2,2-Dichloropropane	6.890	77	86325	10.153	ug/l	99
27) cis-1,2-Dichloroethene	6.896	96	65335	9.905	ug/l	99
28) Bromochloromethane	7.244	49	36132	9.733	ug/l	99
29) Tetrahydrofuran	7.262	42	38990	48.749	ug/l	99
30) Chloroform	7.421	83	102058	9.890	ug/l	99
31) Cyclohexane	7.701	56	80245	9.495	ug/l #	88
32) 1,1,1-Trichloroethane	7.622	97	91186	9.844	ug/l	99
36) 1,1-Dichloropropene	7.835	75	69913	9.639	ug/l	99
37) Ethyl Acetate	6.988	43	27388	9.551	ug/l	96
38) Carbon Tetrachloride	7.817	117	84799	10.065	ug/l	99
39) Methylcyclohexane	9.109	83	82275	8.860	ug/l	95
40) Benzene	8.079	78	220629	9.758	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023385.D
Acq On : 07 Oct 2025 10:02
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 :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

Quant Time: Oct 08 04:40:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 04:39:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.225	41	14344	9.632	ug/l	#	92
42) 1,2-Dichloroethane	8.158	62	58541	10.174	ug/l		99
43) Isopropyl Acetate	8.201	43	53042	9.510	ug/l		98
44) Trichloroethene	8.865	130	64537	10.171	ug/l		96
45) 1,2-Dichloropropane	9.140	63	49009	9.632	ug/l		100
46) Dibromomethane	9.231	93	30780	9.890	ug/l		99
47) Bromodichloromethane	9.426	83	78392	10.007	ug/l		99
48) Methyl methacrylate	9.225	41	23484	9.023	ug/l		97
49) 1,4-Dioxane	9.231	88	6822	211.693	ug/l		94
51) 4-Methyl-2-Pentanone	9.999	43	134746	47.165	ug/l		99
52) Toluene	10.170	92	138662	9.661	ug/l		100
53) t-1,3-Dichloropropene	10.396	75	64315	9.559	ug/l		96
54) cis-1,3-Dichloropropene	9.853	75	77905	9.687	ug/l		98
55) 1,1,2-Trichloroethane	10.572	97	41881	10.118	ug/l		92
56) Ethyl methacrylate	10.438	69	42096	8.830	ug/l		98
57) 1,3-Dichloropropane	10.719	76	64537	9.633	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.713	63	94970m	45.535	ug/l		
59) 2-Hexanone	10.761	43	99175	50.138	ug/l		96
60) Dibromochloromethane	10.908	129	57151	10.123	ug/l		97
61) 1,2-Dibromoethane	11.011	107	38861	9.979	ug/l		99
64) Tetrachloroethene	10.646	164	76110	10.335	ug/l		98
65) Chlorobenzene	11.438	112	161155	10.074	ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.517	131	57233	10.173	ug/l		98
67) Ethyl Benzene	11.517	91	251958	9.651	ug/l		98
68) m/p-Xylenes	11.627	106	198866	19.004	ug/l		99
69) o-Xylene	11.950	106	91710	9.467	ug/l		100
70) Styrene	11.969	104	151094	9.446	ug/l		99
71) Bromoform	12.133	173	35681	10.595	ug/l	#	94
73) Isopropylbenzene	12.249	105	236489	9.467	ug/l		99
74) N-amyl acetate	12.066	43	40098	8.590	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.505	83	41130	9.871	ug/l		97
76) 1,2,3-Trichloropropane	12.554	75	29944m	8.095	ug/l		
77) Bromobenzene	12.529	156	66002	10.295	ug/l		99
78) n-propylbenzene	12.590	91	275671	9.384	ug/l		100
79) 2-Chlorotoluene	12.676	91	165582	9.762	ug/l		100
80) 1,3,5-Trimethylbenzene	12.731	105	191799	9.445	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.298	75	13110	9.556	ug/l		99
82) 4-Chlorotoluene	12.773	91	169968	9.595	ug/l		100
83) tert-Butylbenzene	12.993	119	177250	9.579	ug/l		99
84) 1,2,4-Trimethylbenzene	13.041	105	191423	9.528	ug/l		98
85) sec-Butylbenzene	13.170	105	254134	9.483	ug/l		100
86) p-Isopropyltoluene	13.285	119	210320	9.287	ug/l		100
87) 1,3-Dichlorobenzene	13.285	146	127377	10.058	ug/l		99
88) 1,4-Dichlorobenzene	13.365	146	127757	10.172	ug/l		98
89) n-Butylbenzene	13.615	91	182116	9.107	ug/l		98
90) Hexachloroethane	13.877	117	47355	9.630	ug/l		97
91) 1,2-Dichlorobenzene	13.657	146	112325	10.165	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	7005	10.608	ug/l		94
93) 1,2,4-Trichlorobenzene	14.919	180	65050	9.992	ug/l		98
94) Hexachlorobutadiene	15.023	225	42813	10.554	ug/l		97
95) Naphthalene	15.139	128	96092	9.264	ug/l		99
96) 1,2,3-Trichlorobenzene	15.328	180	56499	10.004	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023385.D
Acq On : 07 Oct 2025 10:02
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 :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

Quant Time: Oct 08 04:40:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 04:39:16 2025
Response via : Initial Calibration

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

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

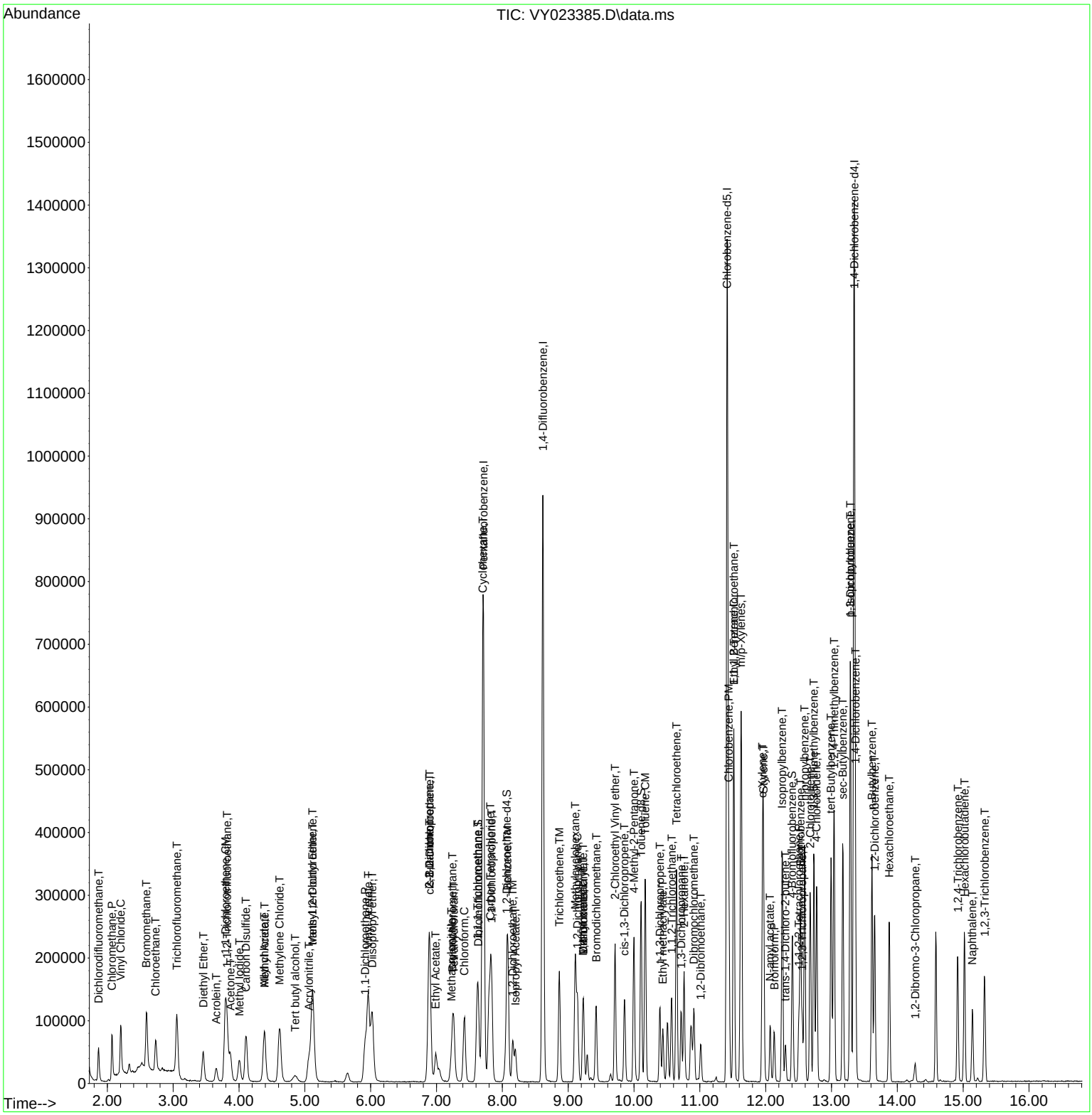
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023385.D
Acq On : 07 Oct 2025 10:02
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 08 04:40:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 04:39:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023386.D
Acq On : 07 Oct 2025 11:24
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 :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

Quant Time: Oct 08 04:41:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 04:39:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	574363	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	851961	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	746872	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	382604	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	98481	19.798	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	39.600%#		
35) Dibromofluoromethane	7.634	113	108034	20.895	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	41.800%#		
50) Toluene-d8	10.103	98	401067	20.568	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	41.140%#		
62) 4-Bromofluorobenzene	12.401	95	127216	20.680	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	41.360%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	91924	20.318	ug/l	98
3) Chloromethane	2.074	50	117585	18.284	ug/l	100
4) Vinyl Chloride	2.202	62	151460	18.652	ug/l	99
5) Bromomethane	2.586	94	125948	18.907	ug/l	97
6) Chloroethane	2.732	64	103973	18.859	ug/l	94
7) Trichlorofluoromethane	3.049	101	217452	20.846	ug/l	99
8) Diethyl Ether	3.452	74	54124	19.837	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.811	101	109936	19.718	ug/l	99
10) Methyl Iodide	4.007	142	119083	18.482	ug/l	99
11) Tert butyl alcohol	4.854	59	34346	117.345	ug/l	98
12) 1,1-Dichloroethene	3.787	96	104778	19.531	ug/l	98
13) Acrolein	3.653	56	48115	97.023	ug/l	98
14) Allyl chloride	4.384	41	125424	18.674	ug/l	98
15) Acrylonitrile	5.055	53	99018	92.641	ug/l	100
16) Acetone	3.866	43	108209	96.742	ug/l	96
17) Carbon Disulfide	4.104	76	303284	18.121	ug/l	99
18) Methyl Acetate	4.384	43	59704	21.002	ug/l	97
19) Methyl tert-butyl Ether	5.116	73	247030	19.667	ug/l	97
20) Methylene Chloride	4.616	84	132229	21.801	ug/l	98
21) trans-1,2-Dichloroethene	5.110	96	116410	19.512	ug/l	95
22) Diisopropyl ether	6.018	45	288429	19.366	ug/l	98
23) Vinyl Acetate	5.957	43	748048	91.373	ug/l	99
24) 1,1-Dichloroethane	5.915	63	190012	19.354	ug/l	99
25) 2-Butanone	6.896	43	132159	95.593	ug/l	93
26) 2,2-Dichloropropane	6.884	77	167903	19.247	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	133634	19.747	ug/l	99
28) Bromochloromethane	7.244	49	73407	19.273	ug/l	98
29) Tetrahydrofuran	7.262	42	76502	93.229	ug/l	99
30) Chloroform	7.421	83	207096	19.562	ug/l	100
31) Cyclohexane	7.701	56	160159	18.472	ug/l	97
32) 1,1,1-Trichloroethane	7.616	97	188861	19.873	ug/l	100
36) 1,1-Dichloropropene	7.835	75	140912	19.317	ug/l	100
37) Ethyl Acetate	6.982	43	55705	19.315	ug/l	98
38) Carbon Tetrachloride	7.817	117	171925	20.289	ug/l	99
39) Methylcyclohexane	9.109	83	182831	19.576	ug/l	99
40) Benzene	8.079	78	450471	19.809	ug/l	99

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023386.D
Acq On : 07 Oct 2025 11:24
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 :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

Quant Time: Oct 08 04:41:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 04:39:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.225	41	31129m	20.783	ug/l		
42) 1,2-Dichloroethane	8.158	62	116941	20.206	ug/l		99
43) Isopropyl Acetate	8.195	43	106595	19.002	ug/l	#	87
44) Trichloroethene	8.865	130	131459	20.598	ug/l		98
45) 1,2-Dichloropropane	9.140	63	99363	19.417	ug/l		98
46) Dibromomethane	9.231	93	62277	19.896	ug/l		98
47) Bromodichloromethane	9.420	83	156426	19.854	ug/l		98
48) Methyl methacrylate	9.219	41	50661	19.352	ug/l		99
49) 1,4-Dioxane	9.225	88	13636	420.712	ug/l		99
51) 4-Methyl-2-Pentanone	9.999	43	274059	95.378	ug/l		100
52) Toluene	10.170	92	291453	20.191	ug/l		100
53) t-1,3-Dichloropropene	10.390	75	132848	19.632	ug/l		99
54) cis-1,3-Dichloropropene	9.853	75	158580	19.606	ug/l		95
55) 1,1,2-Trichloroethane	10.572	97	82183	19.740	ug/l		96
56) Ethyl methacrylate	10.438	69	89244	18.613	ug/l		99
57) 1,3-Dichloropropane	10.719	76	130650	19.389	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.713	63	190850m	90.982	ug/l		
59) 2-Hexanone	10.761	43	187387	94.190	ug/l		99
60) Dibromochloromethane	10.908	129	115907	20.412	ug/l		100
61) 1,2-Dibromoethane	11.011	107	78579	20.062	ug/l		100
64) Tetrachloroethene	10.646	164	167648	22.438	ug/l		97
65) Chlorobenzene	11.438	112	326360	20.109	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.517	131	116412	20.396	ug/l		99
67) Ethyl Benzene	11.517	91	523606	19.768	ug/l		99
68) m/p-Xylenes	11.627	106	426913	40.211	ug/l		100
69) o-Xylene	11.956	106	195021	19.843	ug/l		96
70) Styrene	11.968	104	327934	20.208	ug/l		99
71) Bromoform	12.133	173	71119	20.814	ug/l	#	99
73) Isopropylbenzene	12.255	105	513183	20.136	ug/l		99
74) N-amyl acetate	12.072	43	85063	17.860	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.505	83	76821	18.069	ug/l		99
76) 1,2,3-Trichloropropane	12.554	75	74100m	19.634	ug/l		
77) Bromobenzene	12.529	156	135402	20.700	ug/l		98
78) n-propylbenzene	12.596	91	597829	19.945	ug/l		100
79) 2-Chlorotoluene	12.676	91	349203	20.179	ug/l		100
80) 1,3,5-Trimethylbenzene	12.737	105	418684	20.208	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.304	75	26922	19.234	ug/l		98
82) 4-Chlorotoluene	12.773	91	361458	20.000	ug/l		99
83) tert-Butylbenzene	12.993	119	377277	19.983	ug/l		99
84) 1,2,4-Trimethylbenzene	13.041	105	413292	20.162	ug/l		100
85) sec-Butylbenzene	13.176	105	546582	19.990	ug/l		100
86) p-Isopropyltoluene	13.291	119	464005	20.081	ug/l		100
87) 1,3-Dichlorobenzene	13.285	146	262901	20.347	ug/l		99
88) 1,4-Dichlorobenzene	13.365	146	259217	20.230	ug/l		99
89) n-Butylbenzene	13.615	91	401893	19.697	ug/l		98
90) Hexachloroethane	13.877	117	98983	19.730	ug/l		97
91) 1,2-Dichlorobenzene	13.657	146	231199	20.507	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	12668	18.802	ug/l		99
93) 1,2,4-Trichlorobenzene	14.919	180	137963	20.770	ug/l		99
94) Hexachlorobutadiene	15.023	225	87575	21.159	ug/l		99
95) Naphthalene	15.145	128	206017	19.467	ug/l		100
96) 1,2,3-Trichlorobenzene	15.328	180	121656	21.113	ug/l		98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023386.D
Acq On : 07 Oct 2025 11:24
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 :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

Quant Time: Oct 08 04:41:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 04:39:16 2025
Response via : Initial Calibration

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

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

ICAL Form

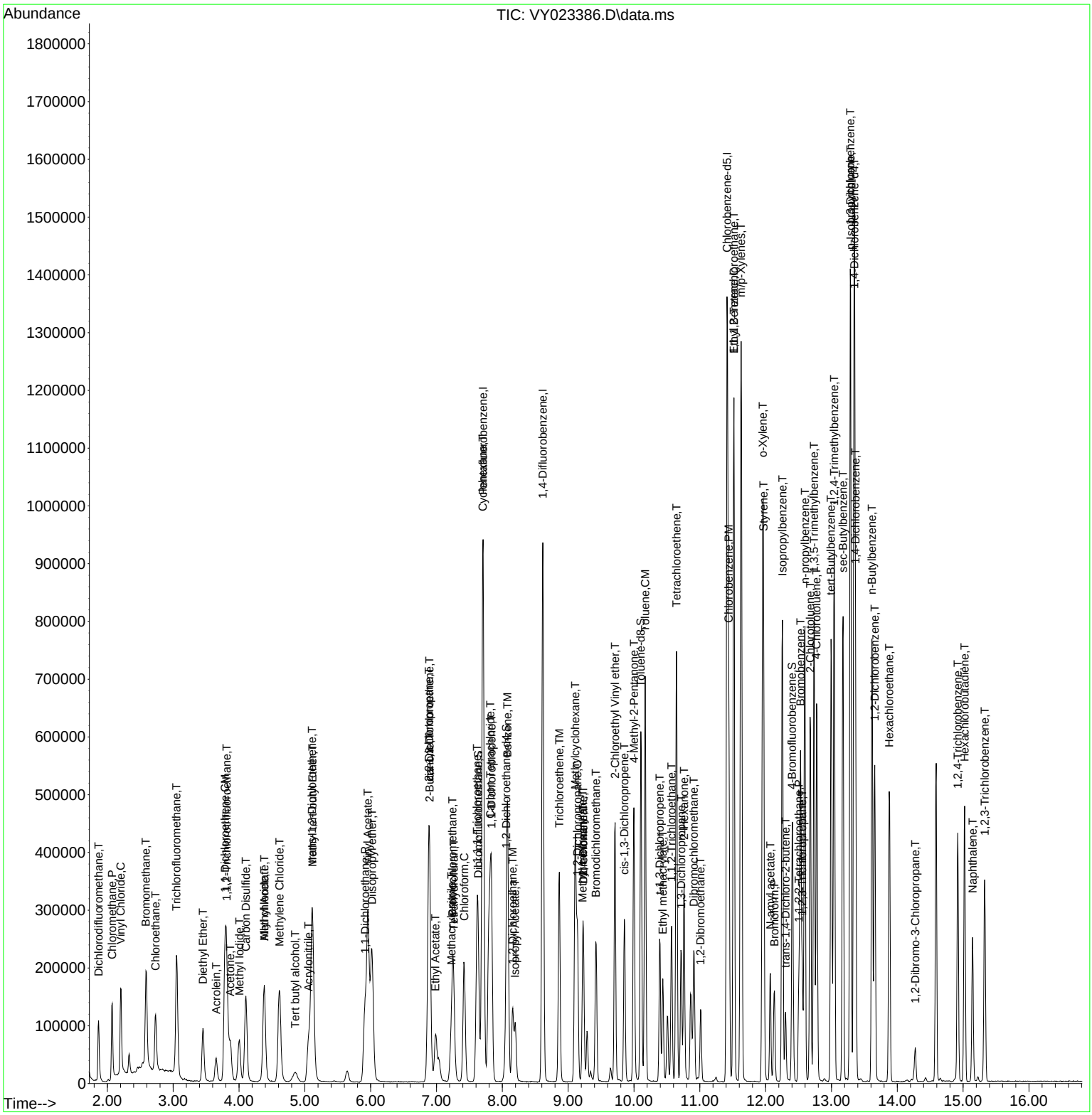
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023386.D
Acq On : 07 Oct 2025 11:24
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 08 04:41:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 04:39:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023387.D
Acq On : 07 Oct 2025 11:47
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 :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

Quant Time: Oct 08 04:43:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 04:39:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	590340	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	858767	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	749869	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	392169	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	231295	45.240	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 90.480%			
35) Dibromofluoromethane	7.634	113	256331	49.185	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.360%			
50) Toluene-d8	10.103	98	969649	49.334	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 98.660%			
62) 4-Bromofluorobenzene	12.402	95	313426	50.546	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 101.100%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	189467	40.745	ug/l	100
3) Chloromethane	2.068	50	265142	40.113	ug/l	100
4) Vinyl Chloride	2.202	62	352993	42.293	ug/l	100
5) Bromomethane	2.592	94	277005	40.458	ug/l	100
6) Chloroethane	2.733	64	244551	43.157	ug/l	100
7) Trichlorofluoromethane	3.056	101	496981	46.354	ug/l	100
8) Diethyl Ether	3.452	74	126634	45.158	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.812	101	258100	45.039	ug/l	100
10) Methyl Iodide	4.001	142	317731	47.979	ug/l	100
11) Tert butyl alcohol	4.860	59	73642	244.793	ug/l	100
12) 1,1-Dichloroethene	3.787	96	252190	45.738	ug/l	100
13) Acrolein	3.647	56	123642	242.575	ug/l	100
14) Allyl chloride	4.379	41	310569	44.989	ug/l	100
15) Acrylonitrile	5.055	53	240668	219.075	ug/l	100
16) Acetone	3.866	43	247122	214.955	ug/l	100
17) Carbon Disulfide	4.104	76	722982	42.028	ug/l	100
18) Methyl Acetate	4.385	43	144816	49.563	ug/l	100
19) Methyl tert-butyl Ether	5.116	73	601934	46.626	ug/l	100
20) Methylene Chloride	4.616	84	270612	43.409	ug/l	100
21) trans-1,2-Dichloroethene	5.110	96	277516	45.256	ug/l	100
22) Diisopropyl ether	6.019	45	686481	44.844	ug/l	100
23) Vinyl Acetate	5.958	43	1843784	219.119	ug/l	100
24) 1,1-Dichloroethane	5.915	63	448267	44.423	ug/l	100
25) 2-Butanone	6.890	43	310237	218.327	ug/l	100
26) 2,2-Dichloropropane	6.884	77	416391	46.440	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	320028	46.010	ug/l	100
28) Bromochloromethane	7.244	49	157414	40.211	ug/l	100
29) Tetrahydrofuran	7.262	42	187787	222.653	ug/l	100
30) Chloroform	7.421	83	493098	45.316	ug/l	100
31) Cyclohexane	7.701	56	379644	42.602	ug/l	100
32) 1,1,1-Trichloroethane	7.616	97	452713	46.347	ug/l	100
36) 1,1-Dichloropropene	7.835	75	341353	46.424	ug/l	100
37) Ethyl Acetate	6.982	43	129053	44.394	ug/l	100
38) Carbon Tetrachloride	7.817	117	413187	48.374	ug/l	100
39) Methylcyclohexane	9.109	83	452959	48.113	ug/l	100
40) Benzene	8.079	78	1080883	47.154	ug/l	100

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023387.D
Acq On : 07 Oct 2025 11:47
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 08 04:43:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 04:39:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.220	41	68542	45.399	ug/l		100
42) 1,2-Dichloroethane	8.152	62	270387	46.350	ug/l		100
43) Isopropyl Acetate	8.195	43	259041	45.811	ug/l		100
44) Trichloroethene	8.866	130	315104	48.982	ug/l		100
45) 1,2-Dichloropropane	9.140	63	234978	45.555	ug/l		100
46) Dibromomethane	9.231	93	148914	47.198	ug/l		100
47) Bromodichloromethane	9.420	83	377084	47.482	ug/l		100
48) Methyl methacrylate	9.219	41	126732	48.027	ug/l		100
49) 1,4-Dioxane	9.225	88	34053	1042.312	ug/l		100
51) 4-Methyl-2-Pentanone	9.993	43	682879	235.772	ug/l		100
52) Toluene	10.170	92	710404	48.824	ug/l		100
53) t-1,3-Dichloropropene	10.390	75	330392	48.438	ug/l		100
54) cis-1,3-Dichloropropene	9.853	75	390619	47.910	ug/l		100
55) 1,1,2-Trichloroethane	10.573	97	198478	47.296	ug/l		100
56) Ethyl methacrylate	10.438	69	239407	49.535	ug/l		100
57) 1,3-Dichloropropane	10.713	76	321276	47.301	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.707	63	553816	261.921	ug/l		100
59) 2-Hexanone	10.756	43	479606	239.162	ug/l		100
60) Dibromochloromethane	10.908	129	281047	49.103	ug/l		100
61) 1,2-Dibromoethane	11.012	107	191356	48.468	ug/l		100
64) Tetrachloroethene	10.646	164	392056	52.264	ug/l		100
65) Chlorobenzene	11.438	112	789650	48.460	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.511	131	279583	48.788	ug/l		100
67) Ethyl Benzene	11.518	91	1332350	50.099	ug/l		100
68) m/p-Xylenes	11.627	106	1077583	101.092	ug/l		100
69) o-Xylene	11.950	106	502722	50.946	ug/l		100
70) Styrene	11.969	104	831908	51.059	ug/l		100
71) Bromoform	12.127	173	172315	50.229	ug/l	#	100
73) Isopropylbenzene	12.249	105	1301009	49.803	ug/l		100
74) N-amyl acetate	12.066	43	227684	46.640	ug/l		100
75) 1,1,2,2-Tetrachloroethane	12.505	83	195565	44.878	ug/l		100
76) 1,2,3-Trichloropropane	12.554	75	169814m	43.898	ug/l		
77) Bromobenzene	12.530	156	331331	49.419	ug/l		100
78) n-propylbenzene	12.591	91	1522965	49.572	ug/l		100
79) 2-Chlorotoluene	12.676	91	873335	49.235	ug/l		100
80) 1,3,5-Trimethylbenzene	12.731	105	1061112	49.966	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.298	75	66299	46.212	ug/l		100
82) 4-Chlorotoluene	12.773	91	892764	48.192	ug/l		100
83) tert-Butylbenzene	12.993	119	988936	51.104	ug/l		100
84) 1,2,4-Trimethylbenzene	13.042	105	1061159	50.505	ug/l		100
85) sec-Butylbenzene	13.170	105	1405003	50.133	ug/l		100
86) p-Isopropyltoluene	13.286	119	1210644	51.115	ug/l		100
87) 1,3-Dichlorobenzene	13.286	146	649899	49.072	ug/l		100
88) 1,4-Dichlorobenzene	13.365	146	636694	48.476	ug/l		100
89) n-Butylbenzene	13.615	91	1051949	50.299	ug/l		100
90) Hexachloroethane	13.877	117	245108	47.664	ug/l		100
91) 1,2-Dichlorobenzene	13.657	146	567114	49.075	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	32585	47.184	ug/l		100
93) 1,2,4-Trichlorobenzene	14.919	180	359833	52.852	ug/l		100
94) Hexachlorobutadiene	15.017	225	226316	53.346	ug/l		100
95) Naphthalene	15.139	128	575044	53.012	ug/l		100
96) 1,2,3-Trichlorobenzene	15.328	180	310831	52.628	ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023387.D
Acq On : 07 Oct 2025 11:47
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 :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

Quant Time: Oct 08 04:43:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 04:39:16 2025
Response via : Initial Calibration

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

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

ICAL Form

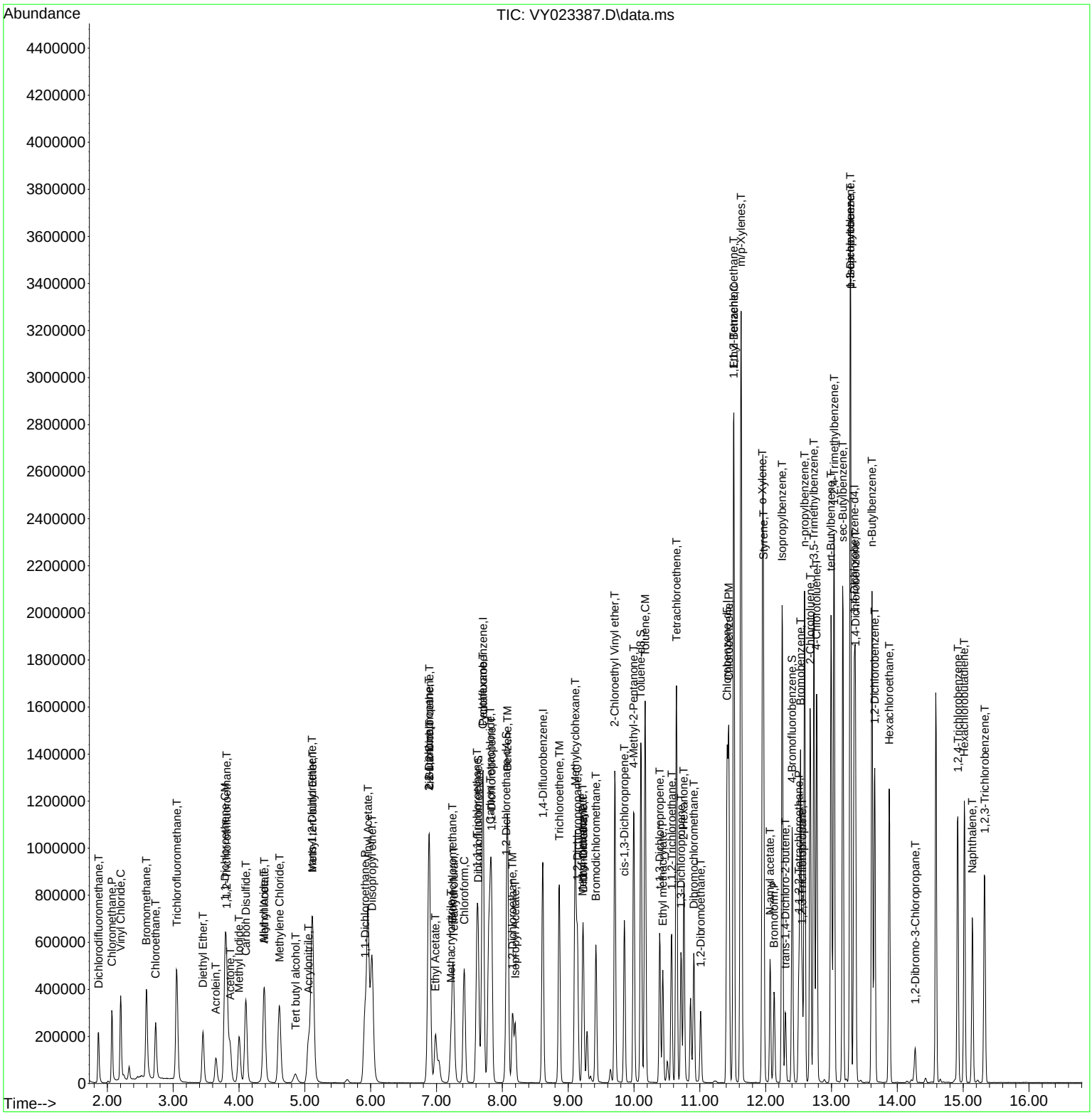
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023387.D
Acq On : 07 Oct 2025 11:47
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 08 04:43:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 04:39:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023388.D
Acq On : 07 Oct 2025 12:09
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 :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

Quant Time: Oct 08 04:44:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 04:39:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	595770	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	855682	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	764361	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	400285	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	467005	90.510	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 181.020%#			
35) Dibromofluoromethane	7.634	113	511478	98.497	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 197.000%#			
50) Toluene-d8	10.103	98	1919872	98.031	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 196.060%#			
62) 4-Bromofluorobenzene	12.401	95	636435	103.007	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 206.020%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	368985	78.627	ug/l	96
3) Chloromethane	2.068	50	521606	78.195	ug/l	96
4) Vinyl Chloride	2.202	62	711235	84.438	ug/l	100
5) Bromomethane	2.586	94	574957	83.210	ug/l	99
6) Chloroethane	2.732	64	491625	85.968	ug/l	99
7) Trichlorofluoromethane	3.049	101	1012851	93.610	ug/l	99
8) Diethyl Ether	3.452	74	266779	94.266	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.812	101	511482	88.441	ug/l	100
10) Methyl Iodide	4.001	142	651575	97.495	ug/l	99
11) Tert butyl alcohol	4.866	59	172718	568.898	ug/l	99
12) 1,1-Dichloroethene	3.787	96	508059	91.303	ug/l	96
13) Acrolein	3.647	56	262636	510.573	ug/l	99
14) Allyl chloride	4.378	41	637073	91.446	ug/l	99
15) Acrylonitrile	5.055	53	522511	471.296	ug/l	100
16) Acetone	3.866	43	504700	435.004	ug/l	98
17) Carbon Disulfide	4.104	76	1442005	83.061	ug/l	99
18) Methyl Acetate	4.385	43	316911	107.474	ug/l	98
19) Methyl tert-butyl Ether	5.116	73	1300206	99.797	ug/l	97
20) Methylene Chloride	4.610	84	552018	87.742	ug/l	98
21) trans-1,2-Dichloroethene	5.110	96	569334	91.999	ug/l	96
22) Diisopropyl ether	6.018	45	1423347	92.133	ug/l	97
23) Vinyl Acetate	5.957	43	3975052	468.098	ug/l	99
24) 1,1-Dichloroethane	5.915	63	911619	89.517	ug/l	99
25) 2-Butanone	6.890	43	685693	478.154	ug/l	99
26) 2,2-Dichloropropane	6.884	77	833452	92.108	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	670773	95.557	ug/l	98
28) Bromochloromethane	7.244	49	321657	81.418	ug/l	99
29) Tetrahydrofuran	7.262	42	415867	488.587	ug/l	99
30) Chloroform	7.421	83	1003722	91.401	ug/l	100
31) Cyclohexane	7.701	56	767083	85.293	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	910837	92.399	ug/l	100
36) 1,1-Dichloropropene	7.835	75	692477	94.516	ug/l	99
37) Ethyl Acetate	6.982	43	280560	96.859	ug/l	98
38) Carbon Tetrachloride	7.817	117	833170	97.894	ug/l	99
39) Methylcyclohexane	9.109	83	947664	101.024	ug/l	99
40) Benzene	8.079	78	2192645	96.000	ug/l	98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023388.D
Acq On : 07 Oct 2025 12:09
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 08 04:44:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 04:39:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.219	41	152239	101.200	ug/l		98
42) 1,2-Dichloroethane	8.158	62	554810	95.449	ug/l		100
43) Isopropyl Acetate	8.195	43	573653	101.815	ug/l		99
44) Trichloroethene	8.866	130	636149	99.245	ug/l		100
45) 1,2-Dichloropropane	9.140	63	485084	94.381	ug/l		99
46) Dibromomethane	9.231	93	309964	98.596	ug/l		99
47) Bromodichloromethane	9.420	83	769238	97.210	ug/l		99
48) Methyl methacrylate	9.219	41	282582	107.476	ug/l		99
49) 1,4-Dioxane	9.225	88	77305	2374.722	ug/l		99
51) 4-Methyl-2-Pentanone	9.993	43	1539324	533.386	ug/l		100
52) Toluene	10.170	92	1462927	100.905	ug/l		99
53) t-1,3-Dichloropropene	10.390	75	710475	104.537	ug/l		98
54) cis-1,3-Dichloropropene	9.853	75	822967	101.302	ug/l		98
55) 1,1,2-Trichloroethane	10.573	97	417623	99.875	ug/l		96
56) Ethyl methacrylate	10.438	69	549366	114.077	ug/l		99
57) 1,3-Dichloropropane	10.713	76	670961	99.140	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.707	63	1240361	588.731	ug/l		99
59) 2-Hexanone	10.755	43	1081568	541.284	ug/l		99
60) Dibromochloromethane	10.908	129	593878	104.133	ug/l		100
61) 1,2-Dibromoethane	11.011	107	406293	103.280	ug/l		99
64) Tetrachloroethene	10.646	164	767753	100.406	ug/l		99
65) Chlorobenzene	11.438	112	1655143	99.649	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.511	131	586878	100.470	ug/l		99
67) Ethyl Benzene	11.517	91	2788252	102.856	ug/l		98
68) m/p-Xylenes	11.627	106	2243033	206.437	ug/l		100
69) o-Xylene	11.950	106	1072335	106.611	ug/l		99
70) Styrene	11.969	104	1782757	107.344	ug/l		100
71) Bromoform	12.127	173	373208	106.727	ug/l	#	100
73) Isopropylbenzene	12.249	105	2741698	102.825	ug/l		100
74) N-amyl acetate	12.066	43	532255	106.818	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.505	83	434720	97.735	ug/l		98
76) 1,2,3-Trichloropropane	12.554	75	364622m	92.345	ug/l		
77) Bromobenzene	12.529	156	701741	102.545	ug/l		100
78) n-propylbenzene	12.590	91	3165894	100.958	ug/l		99
79) 2-Chlorotoluene	12.676	91	1800124	99.426	ug/l		100
80) 1,3,5-Trimethylbenzene	12.731	105	2219080	102.374	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.298	75	148302	101.273	ug/l		98
82) 4-Chlorotoluene	12.773	91	1854165	98.060	ug/l		99
83) tert-Butylbenzene	12.993	119	2028198	102.684	ug/l		97
84) 1,2,4-Trimethylbenzene	13.042	105	2227197	103.853	ug/l		100
85) sec-Butylbenzene	13.170	105	2932949	102.530	ug/l		100
86) p-Isopropyltoluene	13.285	119	2548220	105.408	ug/l		100
87) 1,3-Dichlorobenzene	13.285	146	1361716	100.735	ug/l		100
88) 1,4-Dichlorobenzene	13.365	146	1323618	98.734	ug/l		100
89) n-Butylbenzene	13.615	91	2223744	104.174	ug/l		99
90) Hexachloroethane	13.877	117	514746	98.069	ug/l		99
91) 1,2-Dichlorobenzene	13.657	146	1193043	101.146	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.267	75	70107	99.458	ug/l		94
93) 1,2,4-Trichlorobenzene	14.919	180	806328	116.031	ug/l		99
94) Hexachlorobutadiene	15.017	225	470072	108.557	ug/l		99
95) Naphthalene	15.139	128	1378291	124.485	ug/l		100
96) 1,2,3-Trichlorobenzene	15.322	180	693477	115.034	ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023388.D
Acq On : 07 Oct 2025 12:09
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 :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

Quant Time: Oct 08 04:44:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 04:39:16 2025
Response via : Initial Calibration

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

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

ICAL Form

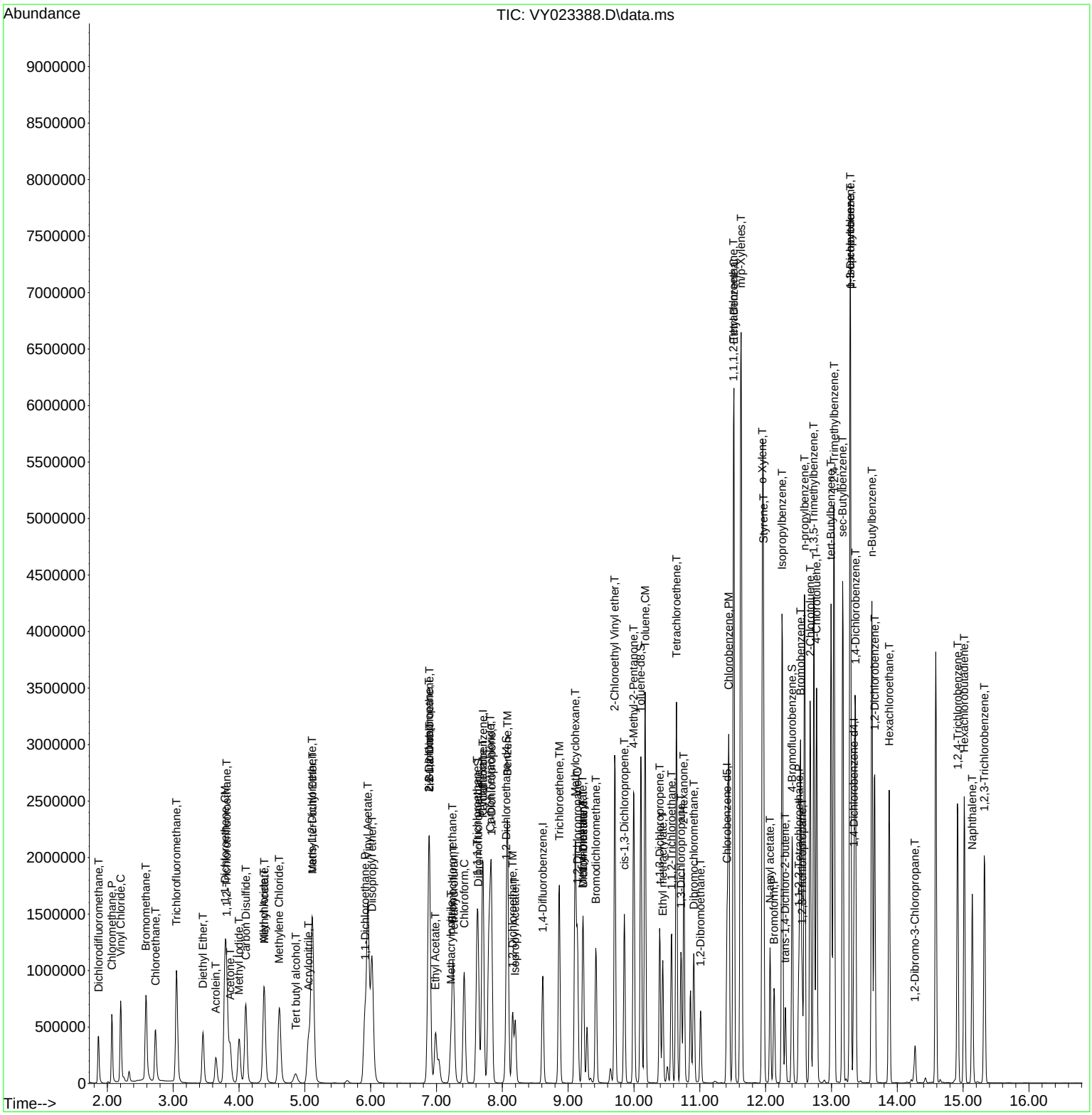
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023388.D
Acq On : 07 Oct 2025 12:09
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 08 04:44:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 04:39:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023389.D
Acq On : 07 Oct 2025 12:32
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 :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

Quant Time: Oct 08 04:45:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 04:39:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	588489	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	855488	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	765357	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	402368	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	714730	140.236	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 280.480%#			
35) Dibromofluoromethane	7.634	113	778632	149.977	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 299.960%#			
50) Toluene-d8	10.103	98	2912319	148.741	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 297.480%#			
62) 4-Bromofluorobenzene	12.402	95	990964	160.423	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 320.840%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	587619	126.766	ug/l	97
3) Chloromethane	2.068	50	825167	125.233	ug/l	100
4) Vinyl Chloride	2.208	62	1118134	134.387	ug/l	100
5) Bromomethane	2.580	94	915389	134.118	ug/l	98
6) Chloroethane	2.726	64	756912	133.994	ug/l	99
7) Trichlorofluoromethane	3.050	101	1549160	144.948	ug/l	100
8) Diethyl Ether	3.452	74	418615	149.747	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.812	101	786278	137.639	ug/l	99
10) Methyl Iodide	4.007	142	992925	150.409	ug/l	99
11) Tert butyl alcohol	4.866	59	288878	963.279	ug/l	99
12) 1,1-Dichloroethene	3.787	96	781235	142.133	ug/l	97
13) Acrolein	3.653	56	423418	833.323	ug/l	100
14) Allyl chloride	4.385	41	988378	143.628	ug/l	99
15) Acrylonitrile	5.055	53	841857	768.735	ug/l	99
16) Acetone	3.866	43	789668	689.040	ug/l	99
17) Carbon Disulfide	4.104	76	2199339	128.252	ug/l	100
18) Methyl Acetate	4.385	43	505344	173.497	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	2056533	159.802	ug/l	97
20) Methylene Chloride	4.616	84	835005	134.365	ug/l	98
21) trans-1,2-Dichloroethene	5.116	96	871380	142.549	ug/l	98
22) Diisopropyl ether	6.019	45	2218430	145.375	ug/l	99
23) Vinyl Acetate	5.958	43	6377047	760.246	ug/l	99
24) 1,1-Dichloroethane	5.915	63	1398477	139.024	ug/l	98
25) 2-Butanone	6.890	43	1116343	788.091	ug/l	97
26) 2,2-Dichloropropane	6.884	77	1281633	143.391	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	1043574	150.505	ug/l	98
28) Bromochloromethane	7.244	49	482210	123.567	ug/l	99
29) Tetrahydrofuran	7.262	42	687719	817.972	ug/l	100
30) Chloroform	7.421	83	1542715	142.221	ug/l	99
31) Cyclohexane	7.701	56	1192778	134.268	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	1405131	144.305	ug/l	100
36) 1,1-Dichloropropene	7.835	75	1069665	146.031	ug/l	100
37) Ethyl Acetate	6.982	43	460027	158.853	ug/l	98
38) Carbon Tetrachloride	7.817	117	1290353	151.646	ug/l	99
39) Methylcyclohexane	9.109	83	1496612	159.580	ug/l	99
40) Benzene	8.079	78	3366812	147.442	ug/l	98

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023389.D
Acq On : 07 Oct 2025 12:32
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 08 04:45:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 04:39:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.220	41	246974	164.212	ug/l		98
42) 1,2-Dichloroethane	8.158	62	866250	149.063	ug/l		100
43) Isopropyl Acetate	8.195	43	946087	167.955	ug/l		100
44) Trichloroethene	8.866	130	966011	150.740	ug/l		99
45) 1,2-Dichloropropane	9.140	63	752286	146.403	ug/l		99
46) Dibromomethane	9.231	93	483702	153.895	ug/l		99
47) Bromodichloromethane	9.420	83	1202247	151.965	ug/l		98
48) Methyl methacrylate	9.219	41	463614	176.368	ug/l		100
49) 1,4-Dioxane	9.225	88	123991	3809.726	ug/l		97
51) 4-Methyl-2-Pentanone	9.993	43	2516107	872.045	ug/l		100
52) Toluene	10.170	92	2272574	156.786	ug/l		98
53) t-1,3-Dichloropropene	10.390	75	1123644	165.367	ug/l		100
54) cis-1,3-Dichloropropene	9.853	75	1296713	159.654	ug/l		99
55) 1,1,2-Trichloroethane	10.573	97	652242	156.020	ug/l		96
56) Ethyl methacrylate	10.438	69	886127	184.048	ug/l		100
57) 1,3-Dichloropropane	10.713	76	1049593	155.122	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.707	63	2040136	968.559	ug/l		100
59) 2-Hexanone	10.755	43	1776032	889.038	ug/l		99
60) Dibromochloromethane	10.908	129	935577	164.084	ug/l		99
61) 1,2-Dibromoethane	11.012	107	639895	162.699	ug/l		99
64) Tetrachloroethene	10.646	164	1046931	136.739	ug/l		98
65) Chlorobenzene	11.438	112	2563176	154.117	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.511	131	923367	157.870	ug/l		99
67) Ethyl Benzene	11.518	91	4341801	159.957	ug/l		97
68) m/p-Xylenes	11.627	106	3502137	321.899	ug/l		99
69) o-Xylene	11.950	106	1694987	168.295	ug/l		98
70) Styrene	11.969	104	2830398	170.203	ug/l		99
71) Bromoform	12.127	173	602644	172.115	ug/l	#	99
73) Isopropylbenzene	12.249	105	4290662	160.084	ug/l		100
74) N-amyl acetate	12.066	43	890882	177.866	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.505	83	737773	165.010	ug/l		99
76) 1,2,3-Trichloropropane	12.554	75	565754m	142.542	ug/l		
77) Bromobenzene	12.530	156	1111318	161.555	ug/l		100
78) n-propylbenzene	12.591	91	4932015	156.465	ug/l		99
79) 2-Chlorotoluene	12.676	91	2822049	155.063	ug/l		100
80) 1,3,5-Trimethylbenzene	12.731	105	3496249	160.460	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.298	75	245190	166.570	ug/l		98
82) 4-Chlorotoluene	12.773	91	2902371	152.701	ug/l		99
83) tert-Butylbenzene	12.993	119	3220384	162.197	ug/l		97
84) 1,2,4-Trimethylbenzene	13.042	105	3503639	162.527	ug/l		99
85) sec-Butylbenzene	13.170	105	4560715	158.609	ug/l		99
86) p-Isopropyltoluene	13.286	119	4024712	165.622	ug/l		100
87) 1,3-Dichlorobenzene	13.286	146	2165278	159.350	ug/l		100
88) 1,4-Dichlorobenzene	13.365	146	2090133	155.104	ug/l		100
89) n-Butylbenzene	13.615	91	3505715	163.379	ug/l		99
90) Hexachloroethane	13.877	117	799264	151.487	ug/l		99
91) 1,2-Dichlorobenzene	13.657	146	1862691	157.101	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.267	75	116273	164.099	ug/l		96
93) 1,2,4-Trichlorobenzene	14.913	180	1272621	182.183	ug/l		100
94) Hexachlorobutadiene	15.017	225	711748	163.518	ug/l		98
95) Naphthalene	15.139	128	2277549	204.639	ug/l		100
96) 1,2,3-Trichlorobenzene	15.322	180	1110193	183.206	ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023389.D
Acq On : 07 Oct 2025 12:32
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 :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

Quant Time: Oct 08 04:45:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 04:39:16 2025
Response via : Initial Calibration

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

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

ICAL Form

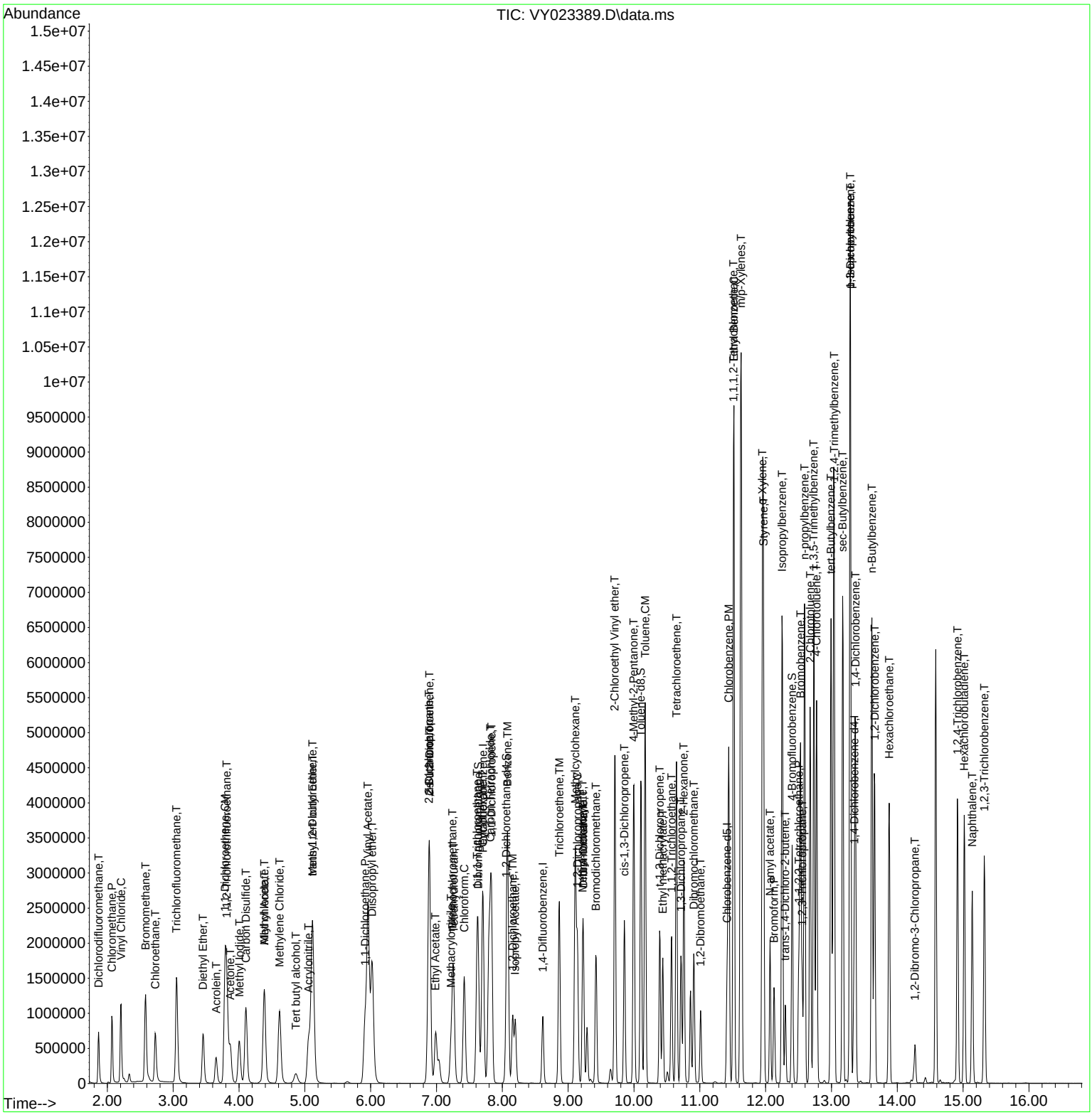
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023389.D
Acq On : 07 Oct 2025 12:32
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 08 04:45:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 04:39:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023391.D
Acq On : 07 Oct 2025 14:12
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

Quant Time: Oct 08 05:15:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	574332	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	861639	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	771372	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	405636	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	237493	49.450	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 98.900%			
35) Dibromofluoromethane	7.634	113	260038	49.116	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.240%			
50) Toluene-d8	10.103	98	970614	49.228	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 98.460%			
62) 4-Bromofluorobenzene	12.402	95	324700	49.881	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 99.760%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	185683	44.916	ug/l	99
3) Chloromethane	2.068	50	295766	52.519	ug/l	98
4) Vinyl Chloride	2.208	62	362714	49.449	ug/l	100
5) Bromomethane	2.598	94	300735	48.856	ug/l	98
6) Chloroethane	2.739	64	256831	51.367	ug/l	99
7) Trichlorofluoromethane	3.056	101	494789	48.582	ug/l	99
8) Diethyl Ether	3.458	74	135857	51.050	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.812	101	257524	48.728	ug/l	100
10) Methyl Iodide	4.007	142	305209	51.875	ug/l	98
11) Tert butyl alcohol	4.860	59	82562	231.079	ug/l	100
12) 1,1-Dichloroethene	3.787	96	254382	49.653	ug/l	97
13) Acrolein	3.653	56	124288	246.184	ug/l	99
14) Allyl chloride	4.385	41	316213	50.645	ug/l	99
15) Acrylonitrile	5.055	53	256219	251.575	ug/l	99
16) Acetone	3.866	43	243433	212.910	ug/l	98
17) Carbon Disulfide	4.104	76	733457	50.021	ug/l	100
18) Methyl Acetate	4.385	43	151281	50.439	ug/l	100
19) Methyl tert-butyl Ether	5.116	73	643111	52.230	ug/l	97
20) Methylene Chloride	4.616	84	324604	52.503	ug/l	97
21) trans-1,2-Dichloroethene	5.116	96	290384	51.482	ug/l	98
22) Diisopropyl ether	6.019	45	709381	51.364	ug/l	99
23) Vinyl Acetate	5.958	43	1950969	260.981	ug/l	99
24) 1,1-Dichloroethane	5.915	63	464207	50.742	ug/l	98
25) 2-Butanone	6.890	43	325351	233.083	ug/l	99
26) 2,2-Dichloropropane	6.884	77	416585	49.626	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	341964	52.485	ug/l	97
28) Bromochloromethane	7.244	49	155146	45.427	ug/l	100
29) Tetrahydrofuran	7.262	42	200513	253.317	ug/l	99
30) Chloroform	7.421	83	513997	51.137	ug/l	98
31) Cyclohexane	7.701	56	378819	47.416	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	456112	49.934	ug/l	100
36) 1,1-Dichloropropene	7.835	75	348786	49.761	ug/l	99
37) Ethyl Acetate	6.982	43	138119	49.740	ug/l	98
38) Carbon Tetrachloride	7.817	117	413653	48.671	ug/l	99
39) Methylcyclohexane	9.109	83	456031	49.970	ug/l	99
40) Benzene	8.079	78	1107790	49.906	ug/l	97

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023391.D
Acq On : 07 Oct 2025 14:12
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

Quant Time: Oct 08 05:15:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41)	Methacrylonitrile	7.220	41	72100	48.008	ug/l		96
42)	1,2-Dichloroethane	8.158	62	282332	49.318	ug/l		99
43)	Isopropyl Acetate	8.195	43	279887	50.548	ug/l		100
44)	Trichloroethene	8.866	130	319131	49.120	ug/l		98
45)	1,2-Dichloropropane	9.140	63	246887	50.355	ug/l		100
46)	Dibromomethane	9.231	93	157758	50.885	ug/l		98
47)	Bromodichloromethane	9.420	83	393918	50.450	ug/l		99
48)	Methyl methacrylate	9.219	41	128606	49.440	ug/l		95
49)	1,4-Dioxane	9.231	88	37356	1039.252	ug/l		97
51)	4-Methyl-2-Pentanone	10.000	43	724992	253.421	ug/l		100
52)	Toluene	10.170	92	743055	51.556	ug/l		99
53)	t-1,3-Dichloropropene	10.390	75	347336	51.160	ug/l		99
54)	cis-1,3-Dichloropropene	9.853	75	413860	51.649	ug/l		99
55)	1,1,2-Trichloroethane	10.573	97	210245	50.430	ug/l		97
56)	Ethyl methacrylate	10.438	69	256731	53.385	ug/l		99
57)	1,3-Dichloropropane	10.713	76	337673	51.113	ug/l		99
58)	2-Chloroethyl Vinyl ether	9.713	63	586266	272.133	ug/l		100
59)	2-Hexanone	10.762	43	501877	245.480	ug/l		99
60)	Dibromochloromethane	10.908	129	297946	50.974	ug/l		99
61)	1,2-Dibromoethane	11.018	107	201415	50.658	ug/l		100
64)	Tetrachloroethene	10.646	164	382998	48.087	ug/l		99
65)	Chlorobenzene	11.438	112	828466	49.381	ug/l		100
66)	1,1,1,2-Tetrachloroethane	11.518	131	296157	49.537	ug/l		99
67)	Ethyl Benzene	11.518	91	1380691	50.841	ug/l		100
68)	m/p-Xylenes	11.627	106	1108386	101.757	ug/l		100
69)	o-Xylene	11.950	106	526954	51.577	ug/l		100
70)	Styrene	11.969	104	875709	52.122	ug/l		100
71)	Bromoform	12.133	173	185682	50.070	ug/l	#	98
73)	Isopropylbenzene	12.255	105	1345109	50.318	ug/l		100
74)	N-amyl acetate	12.066	43	245291	51.087	ug/l		99
75)	1,1,2,2-Tetrachloroethane	12.505	83	217245	49.688	ug/l		99
76)	1,2,3-Trichloropropane	12.554	75	153438m	42.874	ug/l		
77)	Bromobenzene	12.530	156	352420	49.590	ug/l		99
78)	n-propylbenzene	12.591	91	1568180	50.694	ug/l		100
79)	2-Chlorotoluene	12.676	91	906610	50.047	ug/l		100
80)	1,3,5-Trimethylbenzene	12.737	105	1106664	51.231	ug/l		99
81)	trans-1,4-Dichloro-2-b...	12.304	75	67959	46.566	ug/l		97
82)	4-Chlorotoluene	12.773	91	941314	50.455	ug/l		100
83)	tert-Butylbenzene	12.993	119	1037510	52.019	ug/l		99
84)	1,2,4-Trimethylbenzene	13.042	105	1110672	51.520	ug/l		99
85)	sec-Butylbenzene	13.176	105	1454774	50.848	ug/l		100
86)	p-Isopropyltoluene	13.292	119	1263377	51.864	ug/l		99
87)	1,3-Dichlorobenzene	13.286	146	686854	49.632	ug/l		99
88)	1,4-Dichlorobenzene	13.365	146	671644	49.140	ug/l		100
89)	n-Butylbenzene	13.615	91	1100086	51.829	ug/l		99
90)	Hexachloroethane	13.877	117	257335	49.116	ug/l		98
91)	1,2-Dichlorobenzene	13.657	146	602989	49.698	ug/l		99
92)	1,2-Dibromo-3-Chloropr...	14.273	75	34928	48.687	ug/l		99
93)	1,2,4-Trichlorobenzene	14.919	180	386806	51.138	ug/l		100
94)	Hexachlorobutadiene	15.023	225	236040	50.061	ug/l		99
95)	Naphthalene	15.139	128	628190	52.154	ug/l		100
96)	1,2,3-Trichlorobenzene	15.328	180	335267	51.172	ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023391.D
Acq On : 07 Oct 2025 14:12
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

Quant Time: Oct 08 05:15:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 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

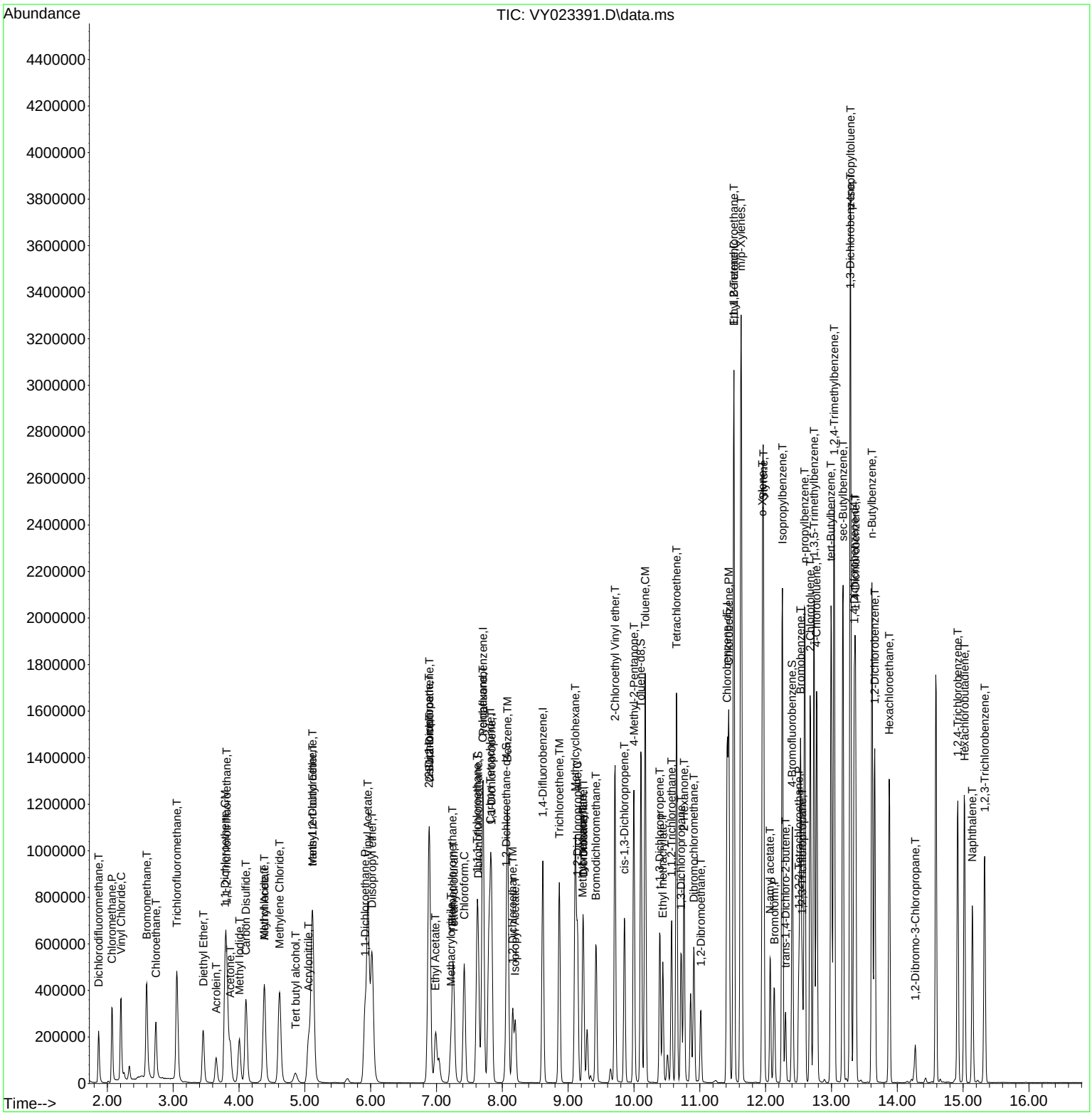
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023391.D
Acq On : 07 Oct 2025 14:12
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Oct 08 05:15:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023391.D
Acq On : 07 Oct 2025 14:12
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

Quant Time: Oct 08 05:15:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 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	97	0.00
2	T	Dichlorodifluoromethane	50.000	44.916	10.2	98	0.00
3	P	Chloromethane	50.000	52.519	-5.0	112	0.00
4	C	Vinyl Chloride	50.000	49.449	1.1#	103	0.00
5	T	Bromomethane	50.000	48.856	2.3	109	0.00
6	T	Chloroethane	50.000	51.367	-2.7	105	0.00
7	T	Trichlorofluoromethane	50.000	48.582	2.8	100	0.00
8	T	Diethyl Ether	50.000	51.050	-2.1	107	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	48.728	2.5	100	0.00
10	T	Methyl Iodide	50.000	51.875	-3.8	96	0.00
11	T	Tert butyl alcohol	250.000	231.079	7.6	112	0.00
12	CM	1,1-Dichloroethene	50.000	49.653	0.7#	101	0.00
13	T	Acrolein	250.000	246.184	1.5	101	0.00
14	T	Allyl chloride	50.000	50.645	-1.3	102	0.00
15	T	Acrylonitrile	250.000	251.575	-0.6	106	0.00
16	T	Acetone	250.000	212.910	14.8	99	0.00
17	T	Carbon Disulfide	50.000	50.021	-0.0	101	0.00
18	T	Methyl Acetate	50.000	50.439	-0.9	104	0.00
19	T	Methyl tert-butyl Ether	50.000	52.230	-4.5	107	0.00
20	T	Methylene Chloride	50.000	52.503	-5.0	120	0.00
21	T	trans-1,2-Dichloroethene	50.000	51.482	-3.0	105	0.00
22	T	Diisopropyl ether	50.000	51.364	-2.7	103	0.00
23	T	Vinyl Acetate	250.000	260.981	-4.4	106	0.00
24	P	1,1-Dichloroethane	50.000	50.742	-1.5	104	0.00
25	T	2-Butanone	250.000	233.083	6.8	105	0.00
26	T	2,2-Dichloropropane	50.000	49.626	0.7	100	0.00
27	T	cis-1,2-Dichloroethene	50.000	52.485	-5.0	107	0.00
28	T	Bromochloromethane	50.000	45.427	9.1	99	0.00
29	T	Tetrahydrofuran	250.000	253.317	-1.3	107	0.00
30	C	Chloroform	50.000	51.137	-2.3#	104	0.00
31	T	Cyclohexane	50.000	47.416	5.2	100	0.00
32	T	1,1,1-Trichloroethane	50.000	49.934	0.1	101	0.00
33	S	1,2-Dichloroethane-d4	50.000	49.450	1.1	103	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	100	0.00
35	S	Dibromofluoromethane	50.000	49.116	1.8	101	0.00
36	T	1,1-Dichloropropene	50.000	49.761	0.5	102	0.00
37	T	Ethyl Acetate	50.000	49.740	0.5	107	0.00
38	T	Carbon Tetrachloride	50.000	48.671	2.7	100	0.00
39	T	Methylcyclohexane	50.000	49.970	0.1	101	0.00
40	TM	Benzene	50.000	49.906	0.2	102	0.00
41	T	Methacrylonitrile	50.000	48.008	4.0	105	0.00
42	TM	1,2-Dichloroethane	50.000	49.318	1.4	104	0.00
43	T	Isopropyl Acetate	50.000	50.548	-1.1	108	0.00
44	TM	Trichloroethene	50.000	49.120	1.8	101	0.00
45	C	1,2-Dichloropropane	50.000	50.355	-0.7#	105	0.00
46	T	Dibromomethane	50.000	50.885	-1.8	106	0.00
47	T	Bromodichloromethane	50.000	50.450	-0.9	104	0.00
48	T	Methyl methacrylate	50.000	49.440	1.1	101	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023391.D
Acq On : 07 Oct 2025 14:12
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

Quant Time: Oct 08 05:15:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 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	1039.252	-3.9	110	0.00
50	S	Toluene-d8	50.000	49.228	1.5	100	0.00
51	T	4-Methyl-2-Pentanone	250.000	253.421	-1.4	106	0.00
52	CM	Toluene	50.000	51.556	-3.1#	105	0.00
53	T	t-1,3-Dichloropropene	50.000	51.160	-2.3	105	0.00
54	T	cis-1,3-Dichloropropene	50.000	51.649	-3.3	106	0.00
55	T	1,1,2-Trichloroethane	50.000	50.430	-0.9	106	0.00
56	T	Ethyl methacrylate	50.000	53.385	-6.8	107	0.00
57	T	1,3-Dichloropropane	50.000	51.113	-2.2	105	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	272.133	-8.9	106	0.00
59	T	2-Hexanone	250.000	245.480	1.8	105	0.00
60	T	Dibromochloromethane	50.000	50.974	-1.9	106	0.00
61	T	1,2-Dibromoethane	50.000	50.658	-1.3	105	0.00
62	S	4-Bromofluorobenzene	50.000	49.881	0.2	104	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	103	0.00
64	T	Tetrachloroethene	50.000	48.087	3.8	98	0.00
65	PM	Chlorobenzene	50.000	49.381	1.2	105	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	49.537	0.9	106	0.00
67	C	Ethyl Benzene	50.000	50.841	-1.7#	104	0.00
68	T	m/p-Xylenes	100.000	101.757	-1.8	103	0.00
69	T	o-Xylene	50.000	51.577	-3.2	105	0.00
70	T	Styrene	50.000	52.122	-4.2	105	0.00
71	P	Bromoform	50.000	50.070	-0.1	108	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	103	0.00
73	T	Isopropylbenzene	50.000	50.318	-0.6	103	0.00
74	T	N-amyl acetate	50.000	51.087	-2.2	108	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	49.688	0.6	111	0.00
76	T	1,2,3-Trichloropropane	50.000	42.874	14.3	90	0.00
77	T	Bromobenzene	50.000	49.590	0.8	106	0.00
78	T	n-propylbenzene	50.000	50.694	-1.4	103	0.00
79	T	2-Chlorotoluene	50.000	50.047	-0.1	104	0.00
80	T	1,3,5-Trimethylbenzene	50.000	51.231	-2.5	104	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	46.566	6.9	103	0.00
82	T	4-Chlorotoluene	50.000	50.455	-0.9	105	0.00
83	T	tert-Butylbenzene	50.000	52.019	-4.0	105	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.520	-3.0	105	0.00
85	T	sec-Butylbenzene	50.000	50.848	-1.7	104	0.00
86	T	p-Isopropyltoluene	50.000	51.864	-3.7	104	0.00
87	T	1,3-Dichlorobenzene	50.000	49.632	0.7	106	0.00
88	T	1,4-Dichlorobenzene	50.000	49.140	1.7	105	0.00
89	T	n-Butylbenzene	50.000	51.829	-3.7	105	0.00
90	T	Hexachloroethane	50.000	49.116	1.8	105	0.00
91	T	1,2-Dichlorobenzene	50.000	49.698	0.6	106	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	48.687	2.6	107	0.00
93	T	1,2,4-Trichlorobenzene	50.000	51.138	-2.3	107	0.00
94	T	Hexachlorobutadiene	50.000	50.061	-0.1	104	0.00
95	T	Naphthalene	50.000	52.154	-4.3	109	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023391.D
Acq On : 07 Oct 2025 14:12
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

Quant Time: Oct 08 05:15:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 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	51.172	-2.3	108	0.00

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

Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023391.D
Acq On : 07 Oct 2025 14:12
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

Quant Time: Oct 08 05:15:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 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	97	0.00
2	T	Dichlorodifluoromethane	0.360	0.323	10.3	98	0.00
3	P	Chloromethane	0.490	0.515	-5.1	112	0.00
4	C	Vinyl Chloride	0.639	0.632	1.1#	103	0.00
5	T	Bromomethane	0.536	0.524	2.2	109	0.00
6	T	Chloroethane	0.435	0.447	-2.8	105	0.00
7	T	Trichlorofluoromethane	0.887	0.862	2.8	100	0.00
8	T	Diethyl Ether	0.232	0.237	-2.2	107	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.460	0.448	2.6	100	0.00
10	T	Methyl Iodide	0.512	0.531	-3.7	96	0.00
11	T	Tert butyl alcohol	0.031	0.029	6.5	112	0.00
12	CM	1,1-Dichloroethene	0.446	0.443	0.7#	101	0.00
13	T	Acrolein	0.044	0.043	2.3	101	0.00
14	T	Allyl chloride	0.544	0.551	-1.3	102	0.00
15	T	Acrylonitrile	0.089	0.089	0.0	106	0.00
16	T	Acetone	0.100	0.085	15.0	99	0.00
17	T	Carbon Disulfide	1.277	1.277	0.0	101	0.00
18	T	Methyl Acetate	0.261	0.263	-0.8	104	0.00
19	T	Methyl tert-butyl Ether	1.072	1.120	-4.5	107	0.00
20	T	Methylene Chloride	0.538	0.565	-5.0	120	0.00
21	T	trans-1,2-Dichloroethene	0.491	0.506	-3.1	105	0.00
22	T	Diisopropyl ether	1.202	1.235	-2.7	103	0.00
23	T	Vinyl Acetate	0.651	0.679	-4.3	106	0.00
24	P	1,1-Dichloroethane	0.796	0.808	-1.5	104	0.00
25	T	2-Butanone	0.122	0.113	7.4	105	0.00
26	T	2,2-Dichloropropane	0.731	0.725	0.8	100	0.00
27	T	cis-1,2-Dichloroethene	0.567	0.595	-4.9	107	0.00
28	T	Bromochloromethane	0.297	0.270	9.1	99	0.00
29	T	Tetrahydrofuran	0.069	0.070	-1.4	107	0.00
30	C	Chloroform	0.875	0.895	-2.3#	104	0.00
31	T	Cyclohexane	0.696	0.660	5.2	100	0.00
32	T	1,1,1-Trichloroethane	0.795	0.794	0.1	101	0.00
33	S	1,2-Dichloroethane-d4	0.418	0.414	1.0	103	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	100	0.00
35	S	Dibromofluoromethane	0.307	0.302	1.6	101	0.00
36	T	1,1-Dichloropropene	0.407	0.405	0.5	102	0.00
37	T	Ethyl Acetate	0.161	0.160	0.6	107	0.00
38	T	Carbon Tetrachloride	0.493	0.480	2.6	100	0.00
39	T	Methylcyclohexane	0.530	0.529	0.2	101	0.00
40	TM	Benzene	1.288	1.286	0.2	102	0.00
41	T	Methacrylonitrile	0.087	0.084	3.4	105	0.00
42	TM	1,2-Dichloroethane	0.332	0.328	1.2	104	0.00
43	T	Isopropyl Acetate	0.321	0.325	-1.2	108	0.00
44	TM	Trichloroethene	0.377	0.370	1.9	101	0.00
45	C	1,2-Dichloropropane	0.285	0.287	-0.7#	105	0.00
46	T	Dibromomethane	0.180	0.183	-1.7	106	0.00
47	T	Bromodichloromethane	0.453	0.457	-0.9	104	0.00
48	T	Methyl methacrylate	0.151	0.149	1.3	101	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023391.D
Acq On : 07 Oct 2025 14:12
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

Quant Time: Oct 08 05:15:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 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	110	0.00
50	S	Toluene-d8	1.144	1.126	1.6	100	0.00
51	T	4-Methyl-2-Pentanone	0.166	0.168	-1.2	106	0.00
52	CM	Toluene	0.836	0.862	-3.1#	105	0.00
53	T	t-1,3-Dichloropropene	0.394	0.403	-2.3	105	0.00
54	T	cis-1,3-Dichloropropene	0.465	0.480	-3.2	106	0.00
55	T	1,1,2-Trichloroethane	0.242	0.244	-0.8	106	0.00
56	T	Ethyl methacrylate	0.279	0.298	-6.8	107	0.00
57	T	1,3-Dichloropropane	0.383	0.392	-2.3	105	0.00
58	T	2-Chloroethyl Vinyl ether	0.125	0.136	-8.8	106	0.00
59	T	2-Hexanone	0.119	0.116	2.5	105	0.00
60	T	Dibromochloromethane	0.339	0.346	-2.1	106	0.00
61	T	1,2-Dibromoethane	0.231	0.234	-1.3	105	0.00
62	S	4-Bromofluorobenzene	0.378	0.377	0.3	104	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	103	0.00
64	T	Tetrachloroethene	0.516	0.497	3.7	98	0.00
65	PM	Chlorobenzene	1.087	1.074	1.2	105	0.00
66	T	1,1,1,2-Tetrachloroethane	0.388	0.384	1.0	106	0.00
67	C	Ethyl Benzene	1.760	1.790	-1.7#	104	0.00
68	T	m/p-Xylenes	0.706	0.718	-1.7	103	0.00
69	T	o-Xylene	0.662	0.683	-3.2	105	0.00
70	T	Styrene	1.089	1.135	-4.2	105	0.00
71	P	Bromoform	0.240	0.241	-0.4	108	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	103	0.00
73	T	Isopropylbenzene	3.295	3.316	-0.6	103	0.00
74	T	N-amyl acetate	0.592	0.605	-2.2	108	0.00
75	P	1,1,2,2-Tetrachloroethane	0.539	0.536	0.6	111	0.00
76	T	1,2,3-Trichloropropane	0.441	0.378	14.3	90	0.00
77	T	Bromobenzene	0.876	0.869	0.8	106	0.00
78	T	n-propylbenzene	3.813	3.866	-1.4	103	0.00
79	T	2-Chlorotoluene	2.233	2.235	-0.1	104	0.00
80	T	1,3,5-Trimethylbenzene	2.663	2.728	-2.4	104	0.00
81	T	trans-1,4-Dichloro-2-butene	0.180	0.168	6.7	103	0.00
82	T	4-Chlorotoluene	2.300	2.321	-0.9	105	0.00
83	T	tert-Butylbenzene	2.458	2.558	-4.1	105	0.00
84	T	1,2,4-Trimethylbenzene	2.657	2.738	-3.0	105	0.00
85	T	sec-Butylbenzene	3.527	3.586	-1.7	104	0.00
86	T	p-Isopropyltoluene	3.003	3.115	-3.7	104	0.00
87	T	1,3-Dichlorobenzene	1.706	1.693	0.8	106	0.00
88	T	1,4-Dichlorobenzene	1.685	1.656	1.7	105	0.00
89	T	n-Butylbenzene	2.616	2.712	-3.7	105	0.00
90	T	Hexachloroethane	0.646	0.634	1.9	105	0.00
91	T	1,2-Dichlorobenzene	1.496	1.487	0.6	106	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.088	0.086	2.3	107	0.00
93	T	1,2,4-Trichlorobenzene	0.932	0.954	-2.4	107	0.00
94	T	Hexachlorobutadiene	0.581	0.582	-0.2	104	0.00
95	T	Naphthalene	1.485	1.549	-4.3	109	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023391.D
Acq On : 07 Oct 2025 14:12
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100725

Quant Time: Oct 08 05:15:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 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	0.808	0.827	-2.4	108	0.00

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

Raw Data: **VY023598.D**

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: SCIA01
Lab Code: ACE
SDG No.: Q3474
Instrument ID: MSVOA_Y
Calibration Date/Time: 10/28/2025 09:02
Lab File ID: VY023598.D
Init. Calib. Date(s): 10/07/2025 10/07/2025
Heated Purge: (Y/N) Y
Init. Calib. Time(s): 09:17 12:32
GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.360	0.319		-11.39	20
Chloromethane	0.490	0.442	0.1	-9.8	20
Vinyl Chloride	0.639	0.616		-3.6	20
Bromomethane	0.536	0.499		-6.9	20
Chloroethane	0.435	0.453		4.14	20
Trichlorofluoromethane	0.887	0.914		3.04	20
1,1,2-Trichlorotrifluoroethane	0.460	0.510		10.87	20
1,1-Dichloroethene	0.446	0.470		5.38	20
Acetone	0.100	0.098		-2	20
Carbon Disulfide	1.277	1.256		-1.64	20
Methyl tert-butyl Ether	1.072	1.051		-1.96	20
Methyl Acetate	0.261	0.274		4.98	20
Methylene Chloride	0.538	0.519		-3.53	20
trans-1,2-Dichloroethene	0.491	0.531		8.15	20
1,1-Dichloroethane	0.796	0.886	0.1	11.31	20
Cyclohexane	0.696	0.703		1.01	20
2-Butanone	0.122	0.108		-11.48	20
Carbon Tetrachloride	0.493	0.575		16.63	20
cis-1,2-Dichloroethene	0.567	0.631		11.29	20
Bromochloromethane	0.297	0.275		-7.41	20
Chloroform	0.875	0.995		13.71	20
1,1,1-Trichloroethane	0.795	0.902		13.46	20
Methylcyclohexane	0.530	0.598		12.83	20
Benzene	1.288	1.495		16.07	20
1,2-Dichloroethane	0.332	0.357		7.53	20
Trichloroethene	0.377	0.426		13	20
1,2-Dichloropropane	0.285	0.326		14.39	20
Bromodichloromethane	0.453	0.525		15.89	20
4-Methyl-2-Pentanone	0.166	0.161		-3.01	20
Toluene	0.836	0.994		18.9	20
t-1,3-Dichloropropene	0.394	0.430		9.14	20
cis-1,3-Dichloropropene	0.465	0.524		12.69	20
1,1,2-Trichloroethane	0.242	0.265		9.5	20
2-Hexanone	0.119	0.113		-5.04	20
Dibromochloromethane	0.339	0.377		11.21	20
1,2-Dibromoethane	0.231	0.247		6.93	20
Tetrachloroethene	0.516	0.600		16.28	20
Chlorobenzene	1.087	1.246	0.3	14.63	20

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

Raw Data: **VY023598.D**

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	Alliance	Contract:	SCIA01
Lab Code:	ACE	SDG No.:	Q3474
Instrument ID:	MSVOA_Y	Calibration Date/Time:	10/28/2025 09:02
Lab File ID:	VY023598.D	Init. Calib. Date(s):	10/07/2025 10/07/2025
Heated Purge: (Y/N)	Y	Init. Calib. Time(s):	09:17 12:32

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.760	2.117		20.28	20
m/p-Xylenes	0.706	0.845		19.69	20
o-Xylene	0.662	0.785		18.58	20
Styrene	1.089	1.307		20.02	20
Bromoform	0.240	0.253	0.1	5.42	20
Isopropylbenzene	3.295	4.014		21.82	20
1,1,2,2-Tetrachloroethane	0.539	0.550	0.3	2.04	20
1,3-Dichlorobenzene	1.706	1.954		14.54	20
1,4-Dichlorobenzene	1.685	1.880		11.57	20
1,2-Dichlorobenzene	1.496	1.672		11.77	20
1,2-Dibromo-3-Chloropropane	0.088	0.078		-11.36	20
1,2,4-Trichlorobenzene	0.932	1.009		8.26	20
1,2,3-Trichlorobenzene	0.808	0.843		4.33	20
1,2-Dichloroethane-d4	0.418	0.383		-8.37	20
Dibromofluoromethane	0.307	0.314		2.28	20
Toluene-d8	1.144	1.161		1.49	20
4-Bromofluorobenzene	0.378	0.382		1.06	20

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

Sample Results: **VY023598.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102825\
Data File : VY023598.D
Acq On : 28 Oct 2025 09:02
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 29 06:20:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	477691	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	674925	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	592275	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	309528	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	182963	45.803	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 91.600%			
35) Dibromofluoromethane	7.634	113	211613	51.027	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.060%			
50) Toluene-d8	10.109	98	783345	50.721	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.440%			
62) 4-Bromofluorobenzene	12.407	95	258049	50.609	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 101.220%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	152466	44.343	ug/l	95
3) Chloromethane	2.074	50	210901	45.026	ug/l	99
4) Vinyl Chloride	2.208	62	294178	48.219	ug/l	99
5) Bromomethane	2.598	94	238129	46.512	ug/l	99
6) Chloroethane	2.739	64	216348	52.024	ug/l	98
7) Trichlorofluoromethane	3.062	101	436442	51.523	ug/l	99
8) Diethyl Ether	3.458	74	106398	48.068	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.818	101	243480	55.391	ug/l	100
10) Methyl Iodide	4.007	142	293161	59.908	ug/l	100
11) Tert butyl alcohol	4.854	59	59615	200.609	ug/l	100
12) 1,1-Dichloroethene	3.793	96	224552	52.698	ug/l	95
13) Acrolein	3.653	56	20779	49.485	ug/l	97
14) Allyl chloride	4.391	41	271451	52.271	ug/l	99
15) Acrylonitrile	5.055	53	199794	235.861	ug/l	99
16) Acetone	3.866	43	234030	246.096	ug/l	98
17) Carbon Disulfide	4.110	76	599998	49.197	ug/l	99
18) Methyl Acetate	4.391	43	131050	52.534	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	501895	49.007	ug/l	96
20) Methylene Chloride	4.616	84	247852	48.199	ug/l	98
21) trans-1,2-Dichloroethene	5.122	96	253703	54.079	ug/l	97
22) Diisopropyl ether	6.024	45	626736	54.560	ug/l	99
23) Vinyl Acetate	5.964	43	1499808	241.218	ug/l	98
24) 1,1-Dichloroethane	5.915	63	423299	55.631	ug/l	99
25) 2-Butanone	6.896	43	257575	221.859	ug/l	98
26) 2,2-Dichloropropane	6.890	77	394847	56.552	ug/l	99
27) cis-1,2-Dichloroethene	6.896	96	301393	55.617	ug/l	98
28) Bromochloromethane	7.250	49	131185	46.183	ug/l	98
29) Tetrahydrofuran	7.262	42	142819	216.932	ug/l	99
30) Chloroform	7.421	83	475520	56.880	ug/l	98
31) Cyclohexane	7.701	56	335607	50.505	ug/l	98
32) 1,1,1-Trichloroethane	7.622	97	430765	56.700	ug/l	100
36) 1,1-Dichloropropene	7.841	75	317761	57.877	ug/l	100
37) Ethyl Acetate	6.988	43	102179	46.976	ug/l	98
38) Carbon Tetrachloride	7.823	117	388149	58.304	ug/l	99
39) Methylcyclohexane	9.109	83	403407	56.432	ug/l	99
40) Benzene	8.079	78	1008851	58.022	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102825\
Data File : VY023598.D
Acq On : 28 Oct 2025 09:02
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 29 06:20:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.219	41	59689	50.739	ug/l		93
42) 1,2-Dichloroethane	8.158	62	240719	53.681	ug/l		100
43) Isopropyl Acetate	8.201	43	200983	46.339	ug/l		99
44) Trichloroethene	8.865	130	287584	56.510	ug/l		97
45) 1,2-Dichloropropane	9.146	63	219700	57.207	ug/l		99
46) Dibromomethane	9.231	93	133149	54.829	ug/l		98
47) Bromodichloromethane	9.426	83	354320	57.932	ug/l		99
48) Methyl methacrylate	9.219	41	98527	48.355	ug/l		98
49) 1,4-Dioxane	9.225	88	26009	923.749	ug/l		98
51) 4-Methyl-2-Pentanone	9.999	43	543036	242.330	ug/l		99
52) Toluene	10.170	92	670944	59.432	ug/l		100
53) t-1,3-Dichloropropene	10.396	75	290372	54.601	ug/l		99
54) cis-1,3-Dichloropropene	9.859	75	353475	56.317	ug/l		99
55) 1,1,2-Trichloroethane	10.572	97	179070	54.835	ug/l		95
56) Ethyl methacrylate	10.438	69	196059	52.047	ug/l		98
57) 1,3-Dichloropropane	10.719	76	283152	54.718	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.713	63	413554	245.069	ug/l		100
59) 2-Hexanone	10.761	43	382011	238.542	ug/l		100
60) Dibromochloromethane	10.914	129	254730	55.636	ug/l		100
61) 1,2-Dibromoethane	11.018	107	166958	53.608	ug/l		100
64) Tetrachloroethene	10.646	164	355189	58.080	ug/l		98
65) Chlorobenzene	11.444	112	737827	57.277	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.517	131	265838	57.911	ug/l		99
67) Ethyl Benzene	11.517	91	1254123	60.145	ug/l		100
68) m/p-Xylenes	11.627	106	1001078	119.696	ug/l		98
69) o-Xylene	11.956	106	465090	59.287	ug/l		100
70) Styrene	11.969	104	773893	59.990	ug/l		100
71) Bromoform	12.133	173	149564	52.526	ug/l	#	98
73) Isopropylbenzene	12.255	105	1242443	60.909	ug/l		99
74) N-amyl acetate	12.072	43	171181	46.722	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.505	83	170217	51.020	ug/l		98
76) 1,2,3-Trichloropropane	12.554	75	127666m	46.749	ug/l		
77) Bromobenzene	12.529	156	302602	55.801	ug/l		99
78) n-propylbenzene	12.596	91	1450223	61.437	ug/l		100
79) 2-Chlorotoluene	12.682	91	819953	59.318	ug/l		100
80) 1,3,5-Trimethylbenzene	12.737	105	1007981	61.152	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.304	75	54323	48.780	ug/l		97
82) 4-Chlorotoluene	12.773	91	840070	59.010	ug/l		100
83) tert-Butylbenzene	12.999	119	927474	60.941	ug/l		99
84) 1,2,4-Trimethylbenzene	13.042	105	999176	60.739	ug/l		99
85) sec-Butylbenzene	13.176	105	1349280	61.804	ug/l		99
86) p-Isopropyltoluene	13.291	119	1147771	61.748	ug/l		100
87) 1,3-Dichlorobenzene	13.285	146	604687	57.261	ug/l		100
88) 1,4-Dichlorobenzene	13.365	146	581837	55.787	ug/l		100
89) n-Butylbenzene	13.615	91	1004621	62.027	ug/l		99
90) Hexachloroethane	13.877	117	235053	58.793	ug/l		98
91) 1,2-Dichlorobenzene	13.657	146	517601	55.907	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	24105	44.034	ug/l		96
93) 1,2,4-Trichlorobenzene	14.919	180	312170	54.085	ug/l		98
94) Hexachlorobutadiene	15.023	225	211839	58.878	ug/l		100
95) Naphthalene	15.145	128	437252	47.574	ug/l		100
96) 1,2,3-Trichlorobenzene	15.328	180	260982	52.202	ug/l		99

Sample Results: **VY023598.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102825\
Data File : VY023598.D
Acq On : 28 Oct 2025 09:02
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 29 06:20:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025

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

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

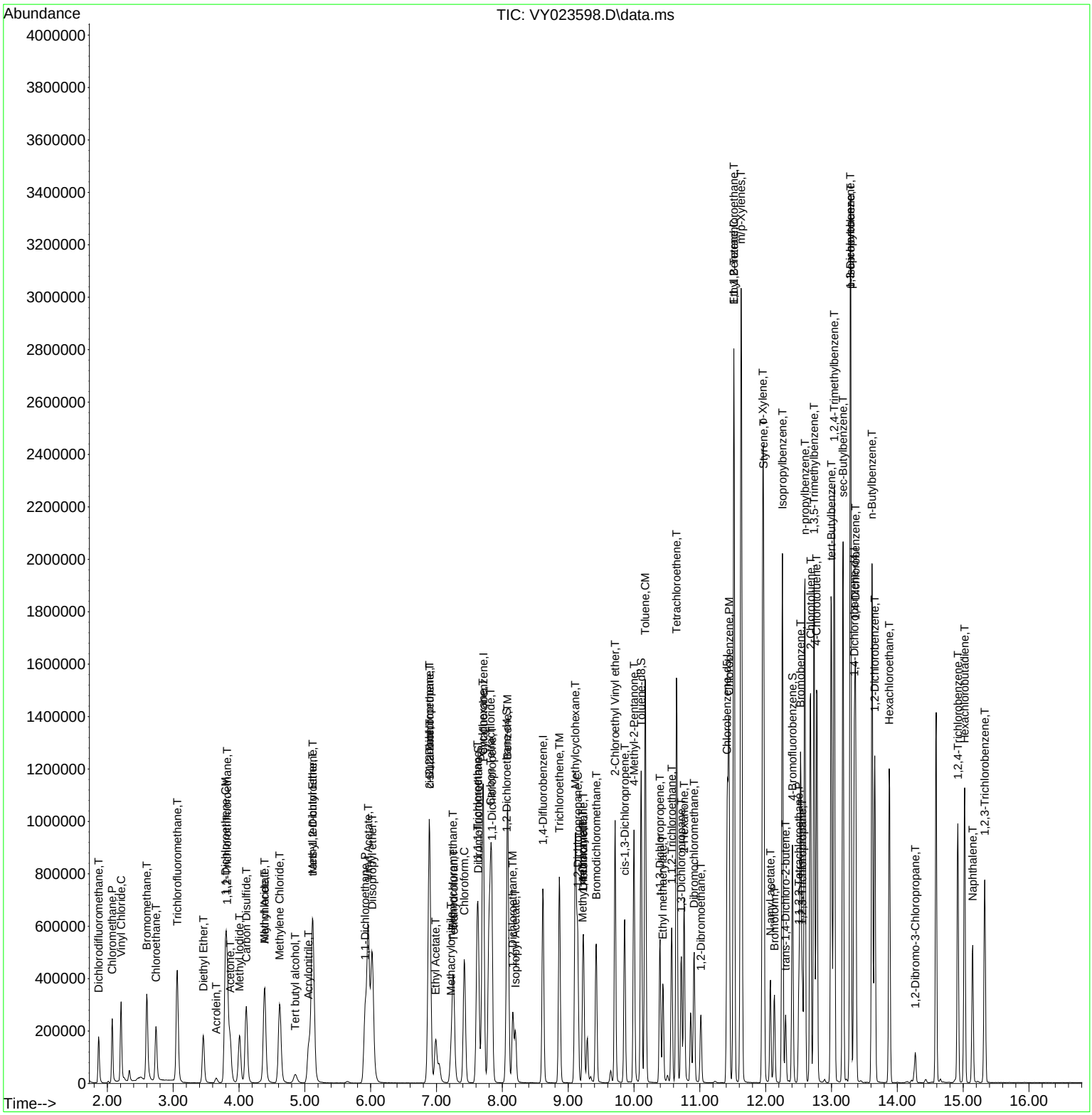
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102825\
Data File : VY023598.D
Acq On : 28 Oct 2025 09:02
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 29 06:20:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



Sample Results: **VY023598.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102825\
Data File : VY023598.D
Acq On : 28 Oct 2025 09:02
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: Oct 29 06:20:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 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	81	0.00
2	T	Dichlorodifluoromethane	0.360	0.319	11.4	80	0.00
3	P	Chloromethane	0.490	0.442	9.8	80	0.00
4	C	Vinyl Chloride	0.639	0.616	3.6#	83	0.00
5	T	Bromomethane	0.536	0.499	6.9	86	0.00
6	T	Chloroethane	0.435	0.453	-4.1	88	0.00
7	T	Trichlorofluoromethane	0.887	0.914	-3.0	88	0.00
8	T	Diethyl Ether	0.232	0.223	3.9	84	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.460	0.510	-10.9	94	0.00
10	T	Methyl Iodide	0.512	0.614	-19.9	92	0.00
11	T	Tert butyl alcohol	0.031	0.025	19.4	81	0.00
12	CM	1,1-Dichloroethene	0.446	0.470	-5.4#	89	0.00
13	T	Acrolein	0.044	0.009	79.5#	17#	0.00
14	T	Allyl chloride	0.544	0.568	-4.4	87	0.01
15	T	Acrylonitrile	0.089	0.084	5.6	83	0.00
16	T	Acetone	0.100	0.098	2.0	95	0.00
17	T	Carbon Disulfide	1.277	1.256	1.6	83	0.00
18	T	Methyl Acetate	0.261	0.274	-5.0	90	0.00
19	T	Methyl tert-butyl Ether	1.072	1.051	2.0	83	0.00
20	T	Methylene Chloride	0.538	0.519	3.5	92	0.00
21	T	trans-1,2-Dichloroethene	0.491	0.531	-8.1	91	0.01
22	T	Diisopropyl ether	1.202	1.312	-9.2	91	0.00
23	T	Vinyl Acetate	0.651	0.628	3.5	81	0.00
24	P	1,1-Dichloroethane	0.796	0.886	-11.3	94	0.00
25	T	2-Butanone	0.122	0.108	11.5	83	0.00
26	T	2,2-Dichloropropane	0.731	0.827	-13.1	95	0.00
27	T	cis-1,2-Dichloroethene	0.567	0.631	-11.3	94	0.00
28	T	Bromochloromethane	0.297	0.275	7.4	83	0.00
29	T	Tetrahydrofuran	0.069	0.060	13.0	76	0.00
30	C	Chloroform	0.875	0.995	-13.7#	96	0.00
31	T	Cyclohexane	0.696	0.703	-1.0	88	0.00
32	T	1,1,1-Trichloroethane	0.795	0.902	-13.5	95	0.00
33	S	1,2-Dichloroethane-d4	0.418	0.383	8.4	79	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	79	0.00
35	S	Dibromofluoromethane	0.307	0.314	-2.3	83	0.00
36	T	1,1-Dichloropropene	0.407	0.471	-15.7	93	0.00
37	T	Ethyl Acetate	0.161	0.151	6.2	79	0.00
38	T	Carbon Tetrachloride	0.493	0.575	-16.6	94	0.00
39	T	Methylcyclohexane	0.530	0.598	-12.8	89	0.00
40	TM	Benzene	1.288	1.495	-16.1	93	0.00
41	T	Methacrylonitrile	0.087	0.088	-1.1	87	0.00
42	TM	1,2-Dichloroethane	0.332	0.357	-7.5	89	0.00
43	T	Isopropyl Acetate	0.321	0.298	7.2	78	0.00
44	TM	Trichloroethene	0.377	0.426	-13.0	91	0.00
45	C	1,2-Dichloropropane	0.285	0.326	-14.4#	93	0.00
46	T	Dibromomethane	0.180	0.197	-9.4	89	0.00
47	T	Bromodichloromethane	0.453	0.525	-15.9	94	0.00
48	T	Methyl methacrylate	0.151	0.146	3.3	78	0.00

Sample Results: **VY023598.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102825\
Data File : VY023598.D
Acq On : 28 Oct 2025 09:02
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: Oct 29 06:20:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 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	76	0.00
50	S	Toluene-d8	1.144	1.161	-1.5	81	0.00
51	T	4-Methyl-2-Pentanone	0.166	0.161	3.0	80	0.00
52	CM	Toluene	0.836	0.994	-18.9#	94	0.00
53	T	t-1,3-Dichloropropene	0.394	0.430	-9.1	88	0.00
54	T	cis-1,3-Dichloropropene	0.465	0.524	-12.7	90	0.00
55	T	1,1,2-Trichloroethane	0.242	0.265	-9.5	90	0.00
56	T	Ethyl methacrylate	0.279	0.290	-3.9	82	0.00
57	T	1,3-Dichloropropane	0.383	0.420	-9.7	88	0.00
58	T	2-Chloroethyl Vinyl ether	0.125	0.123	1.6	75	0.00
59	T	2-Hexanone	0.119	0.113	5.0	80	0.00
60	T	Dibromochloromethane	0.339	0.377	-11.2	91	0.00
61	T	1,2-Dibromoethane	0.231	0.247	-6.9	87	0.00
62	S	4-Bromofluorobenzene	0.378	0.382	-1.1	82	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	79	0.00
64	T	Tetrachloroethene	0.516	0.600	-16.3	91	0.00
65	PM	Chlorobenzene	1.087	1.246	-14.6	93	0.00
66	T	1,1,1,2-Tetrachloroethane	0.388	0.449	-15.7	95	0.00
67	C	Ethyl Benzene	1.760	2.117	-20.3#	94	0.00
68	T	m/p-Xylenes	0.706	0.845	-19.7	93	0.00
69	T	o-Xylene	0.662	0.785	-18.6	93	0.00
70	T	Styrene	1.089	1.307	-20.0	93	0.00
71	P	Bromoform	0.240	0.253	-5.4	87	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	79	0.00
73	T	Isopropylbenzene	3.295	4.014	-21.8	95	0.00
74	T	N-amyl acetate	0.592	0.553	6.6	75	0.00
75	P	1,1,2,2-Tetrachloroethane	0.539	0.550	-2.0	87	0.00
76	T	1,2,3-Trichloropropane	0.441	0.412	6.6	75	0.00
77	T	Bromobenzene	0.876	0.978	-11.6	91	0.00
78	T	n-propylbenzene	3.813	4.685	-22.9	95	0.00
79	T	2-Chlorotoluene	2.233	2.649	-18.6	94	0.00
80	T	1,3,5-Trimethylbenzene	2.663	3.257	-22.3	95	0.00
81	T	trans-1,4-Dichloro-2-butene	0.180	0.176	2.2	82	0.00
82	T	4-Chlorotoluene	2.300	2.714	-18.0	94	0.00
83	T	tert-Butylbenzene	2.458	2.996	-21.9	94	0.00
84	T	1,2,4-Trimethylbenzene	2.657	3.228	-21.5	94	0.00
85	T	sec-Butylbenzene	3.527	4.359	-23.6	96	0.00
86	T	p-Isopropyltoluene	3.003	3.708	-23.5	95	0.00
87	T	1,3-Dichlorobenzene	1.706	1.954	-14.5	93	0.00
88	T	1,4-Dichlorobenzene	1.685	1.880	-11.6	91	0.00
89	T	n-Butylbenzene	2.616	3.246	-24.1	96	0.00
90	T	Hexachloroethane	0.646	0.759	-17.5	96	0.00
91	T	1,2-Dichlorobenzene	1.496	1.672	-11.8	91	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.088	0.078	11.4	74	0.00
93	T	1,2,4-Trichlorobenzene	0.932	1.009	-8.3	87	0.00
94	T	Hexachlorobutadiene	0.581	0.684	-17.7	94	0.00
95	T	Naphthalene	1.485	1.413	4.8	76	0.00

Sample Results: **VY023598.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102825\
Data File : VY023598.D
Acq On : 28 Oct 2025 09:02
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: Oct 29 06:20:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 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	0.808	0.843	-4.3	84	0.00

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

Sample Results: **VY023598.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102825\
Data File : VY023598.D
Acq On : 28 Oct 2025 09:02
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: Oct 29 06:20:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 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	81	0.00
2	T	Dichlorodifluoromethane	50.000	44.343	11.3	80	0.00
3	P	Chloromethane	50.000	45.026	9.9	80	0.00
4	C	Vinyl Chloride	50.000	48.219	3.6#	83	0.00
5	T	Bromomethane	50.000	46.512	7.0	86	0.00
6	T	Chloroethane	50.000	52.024	-4.0	88	0.00
7	T	Trichlorofluoromethane	50.000	51.523	-3.0	88	0.00
8	T	Diethyl Ether	50.000	48.068	3.9	84	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	55.391	-10.8	94	0.00
10	T	Methyl Iodide	50.000	59.908	-19.8	92	0.00
11	T	Tert butyl alcohol	250.000	200.609	19.8	81	0.00
12	CM	1,1-Dichloroethene	50.000	52.698	-5.4#	89	0.00
13	T	Acrolein	250.000	49.485	80.2#	17	0.00
14	T	Allyl chloride	50.000	52.271	-4.5	87	0.01
15	T	Acrylonitrile	250.000	235.861	5.7	83	0.00
16	T	Acetone	250.000	246.096	1.6	95	0.00
17	T	Carbon Disulfide	50.000	49.197	1.6	83	0.00
18	T	Methyl Acetate	50.000	52.534	-5.1	90	0.00
19	T	Methyl tert-butyl Ether	50.000	49.007	2.0	83	0.00
20	T	Methylene Chloride	50.000	48.199	3.6	92	0.00
21	T	trans-1,2-Dichloroethene	50.000	54.079	-8.2	91	0.01
22	T	Diisopropyl ether	50.000	54.560	-9.1	91	0.00
23	T	Vinyl Acetate	250.000	241.218	3.5	81	0.00
24	P	1,1-Dichloroethane	50.000	55.631	-11.3	94	0.00
25	T	2-Butanone	250.000	221.859	11.3	83	0.00
26	T	2,2-Dichloropropane	50.000	56.552	-13.1	95	0.00
27	T	cis-1,2-Dichloroethene	50.000	55.617	-11.2	94	0.00
28	T	Bromochloromethane	50.000	46.183	7.6	83	0.00
29	T	Tetrahydrofuran	250.000	216.932	13.2	76	0.00
30	C	Chloroform	50.000	56.880	-13.8#	96	0.00
31	T	Cyclohexane	50.000	50.505	-1.0	88	0.00
32	T	1,1,1-Trichloroethane	50.000	56.700	-13.4	95	0.00
33	S	1,2-Dichloroethane-d4	50.000	45.803	8.4	79	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	79	0.00
35	S	Dibromofluoromethane	50.000	51.027	-2.1	83	0.00
36	T	1,1-Dichloropropene	50.000	57.877	-15.8	93	0.00
37	T	Ethyl Acetate	50.000	46.976	6.0	79	0.00
38	T	Carbon Tetrachloride	50.000	58.304	-16.6	94	0.00
39	T	Methylcyclohexane	50.000	56.432	-12.9	89	0.00
40	TM	Benzene	50.000	58.022	-16.0	93	0.00
41	T	Methacrylonitrile	50.000	50.739	-1.5	87	0.00
42	TM	1,2-Dichloroethane	50.000	53.681	-7.4	89	0.00
43	T	Isopropyl Acetate	50.000	46.339	7.3	78	0.00
44	TM	Trichloroethene	50.000	56.510	-13.0	91	0.00
45	C	1,2-Dichloropropane	50.000	57.207	-14.4#	93	0.00
46	T	Dibromomethane	50.000	54.829	-9.7	89	0.00
47	T	Bromodichloromethane	50.000	57.932	-15.9	94	0.00
48	T	Methyl methacrylate	50.000	48.355	3.3	78	0.00

Sample Results: **VY023598.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102825\
Data File : VY023598.D
Acq On : 28 Oct 2025 09:02
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: Oct 29 06:20:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 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	923.749	7.6	76	0.00
50	S	Toluene-d8	50.000	50.721	-1.4	81	0.00
51	T	4-Methyl-2-Pentanone	250.000	242.330	3.1	80	0.00
52	CM	Toluene	50.000	59.432	-18.9#	94	0.00
53	T	t-1,3-Dichloropropene	50.000	54.601	-9.2	88	0.00
54	T	cis-1,3-Dichloropropene	50.000	56.317	-12.6	90	0.00
55	T	1,1,2-Trichloroethane	50.000	54.835	-9.7	90	0.00
56	T	Ethyl methacrylate	50.000	52.047	-4.1	82	0.00
57	T	1,3-Dichloropropane	50.000	54.718	-9.4	88	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	245.069	2.0	75	0.00
59	T	2-Hexanone	250.000	238.542	4.6	80	0.00
60	T	Dibromochloromethane	50.000	55.636	-11.3	91	0.00
61	T	1,2-Dibromoethane	50.000	53.608	-7.2	87	0.00
62	S	4-Bromofluorobenzene	50.000	50.609	-1.2	82	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	79	0.00
64	T	Tetrachloroethene	50.000	58.080	-16.2	91	0.00
65	PM	Chlorobenzene	50.000	57.277	-14.6	93	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	57.911	-15.8	95	0.00
67	C	Ethyl Benzene	50.000	60.145	-20.3#	94	0.00
68	T	m/p-Xylenes	100.000	119.696	-19.7	93	0.00
69	T	o-Xylene	50.000	59.287	-18.6	93	0.00
70	T	Styrene	50.000	59.990	-20.0	93	0.00
71	P	Bromoform	50.000	52.526	-5.1	87	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	79	0.00
73	T	Isopropylbenzene	50.000	60.909	-21.8	95	0.00
74	T	N-amyl acetate	50.000	46.722	6.6	75	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	51.020	-2.0	87	0.00
76	T	1,2,3-Trichloropropane	50.000	46.749	6.5	75	0.00
77	T	Bromobenzene	50.000	55.801	-11.6	91	0.00
78	T	n-propylbenzene	50.000	61.437	-22.9	95	0.00
79	T	2-Chlorotoluene	50.000	59.318	-18.6	94	0.00
80	T	1,3,5-Trimethylbenzene	50.000	61.152	-22.3	95	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	48.780	2.4	82	0.00
82	T	4-Chlorotoluene	50.000	59.010	-18.0	94	0.00
83	T	tert-Butylbenzene	50.000	60.941	-21.9	94	0.00
84	T	1,2,4-Trimethylbenzene	50.000	60.739	-21.5	94	0.00
85	T	sec-Butylbenzene	50.000	61.804	-23.6	96	0.00
86	T	p-Isopropyltoluene	50.000	61.748	-23.5	95	0.00
87	T	1,3-Dichlorobenzene	50.000	57.261	-14.5	93	0.00
88	T	1,4-Dichlorobenzene	50.000	55.787	-11.6	91	0.00
89	T	n-Butylbenzene	50.000	62.027	-24.1	96	0.00
90	T	Hexachloroethane	50.000	58.793	-17.6	96	0.00
91	T	1,2-Dichlorobenzene	50.000	55.907	-11.8	91	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	44.034	11.9	74	0.00
93	T	1,2,4-Trichlorobenzene	50.000	54.085	-8.2	87	0.00
94	T	Hexachlorobutadiene	50.000	58.878	-17.8	94	0.00
95	T	Naphthalene	50.000	47.574	4.9	76	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102825\
Data File : VY023598.D
Acq On : 28 Oct 2025 09:02
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: Oct 29 06:20:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 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	52.202	-4.4	84	0.00

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

QC SAMPLE DATA

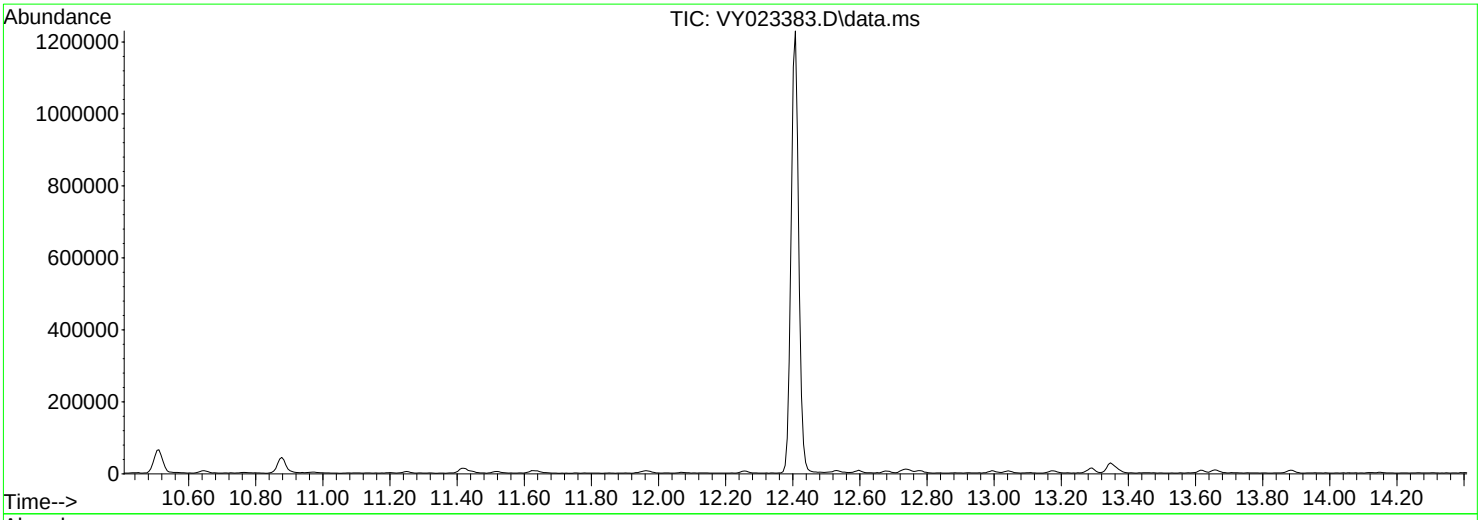
Sample Results: **VY023383.D**

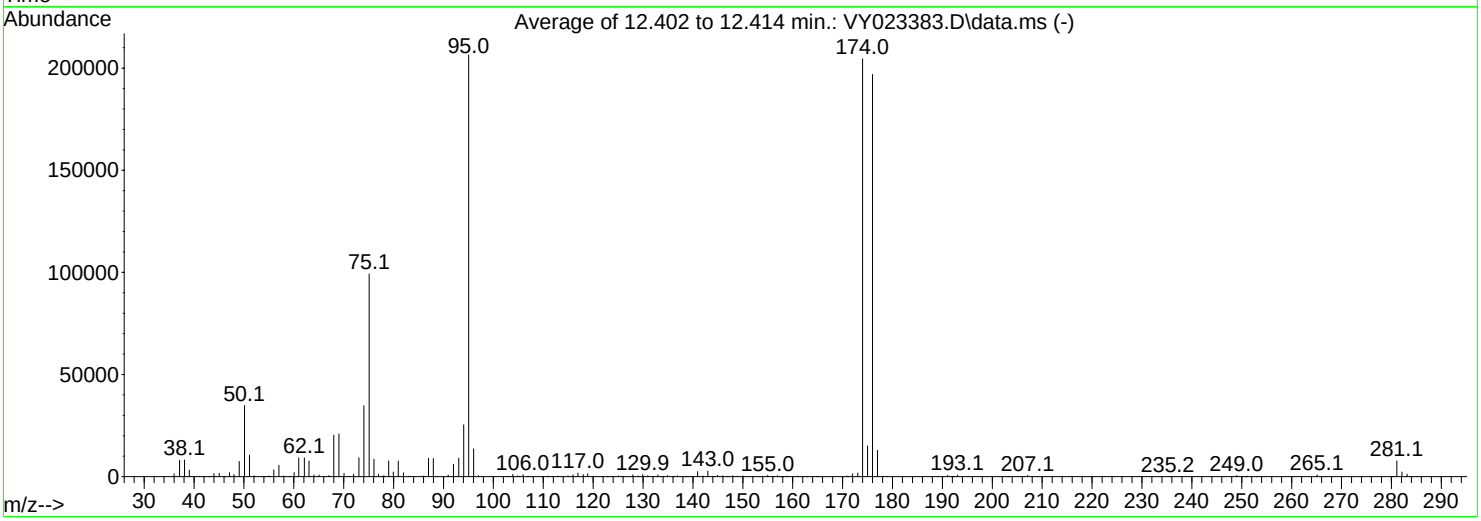
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
Data File : VY023383.D
Acq On : 07 Oct 2025 08:43
Operator : SY/MD
Sample : BFB
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Title : SW846 8260
Last Update : Wed Oct 08 05:12:50 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	16.9	34816	PASS
75	95	30	60	48.1	99264	PASS
95	95	100	100	100.0	206507	PASS
96	95	5	9	6.6	13540	PASS
173	174	0.00	2	0.9	1817	PASS
174	95	50	100	99.1	204629	PASS
175	174	5	9	7.4	15059	PASS
176	174	95	101	96.2	196949	PASS
177	176	5	9	6.6	12912	PASS

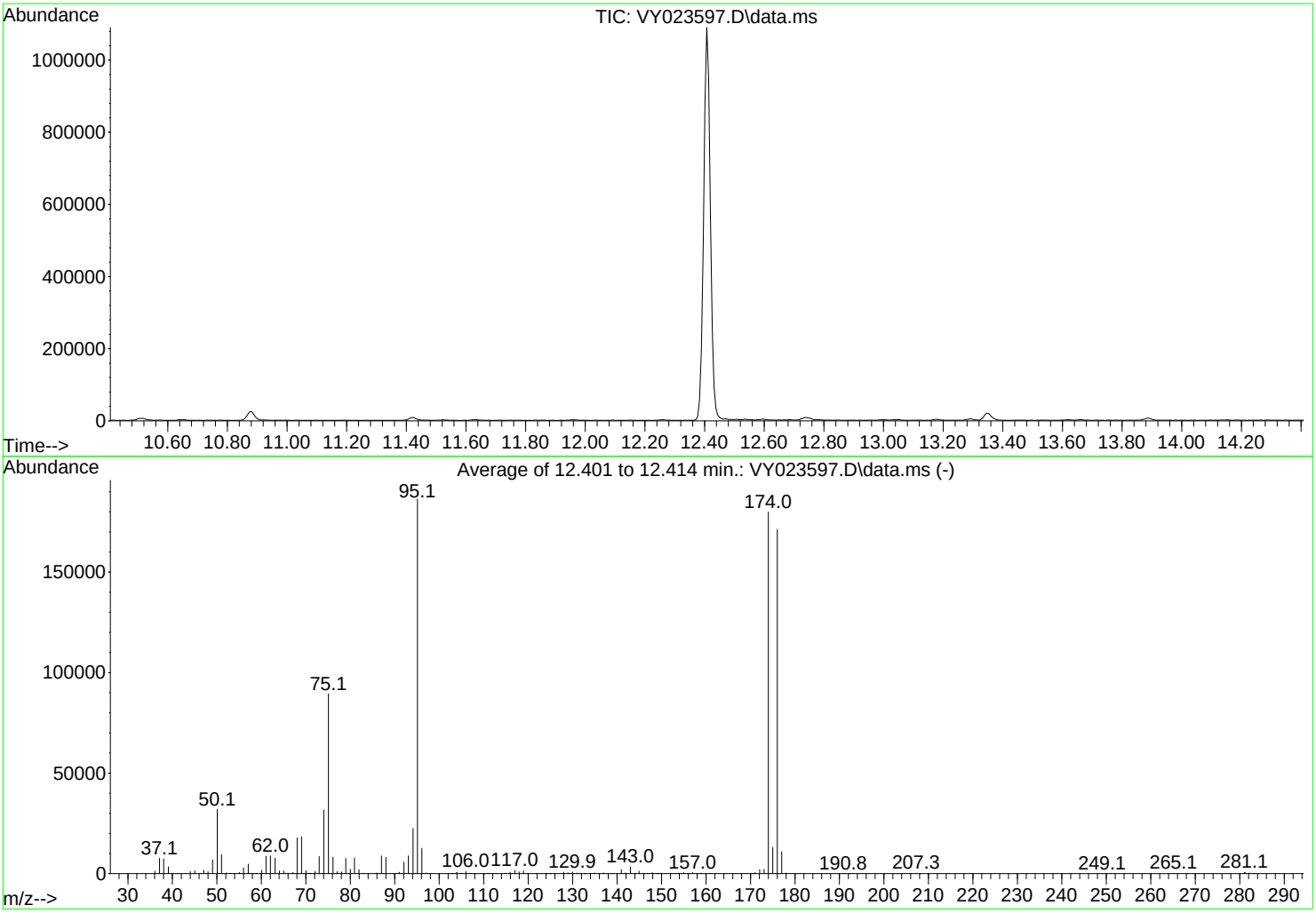
Sample Results: **VY023597.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102825\
Data File : VY023597.D
Acq On : 28 Oct 2025 08:32
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\82Y100725S.M
Title : SW846 8260
Last Update : Wed Oct 08 05:12:50 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	17.1	31893	PASS
75	95	30	60	47.9	89349	PASS
95	95	100	100	100.0	186389	PASS
96	95	5	9	6.7	12568	PASS
173	174	0.00	2	1.2	2131	PASS
174	95	50	100	96.5	179861	PASS
175	174	5	9	7.3	13041	PASS
176	174	95	101	95.2	171157	PASS
177	176	5	9	6.4	10875	PASS

Raw Data: **VY023599.D**

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

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	
Project:	7 Rynda Road, Maplewood	Date Received:	
Client Sample ID:	VY1028SBL01	SDG No.:	Q3474
Lab Sample ID:	VY1028SBL01	Matrix:	SOIL
Analytical Method:	8260D	Level : LOW	% Solid: 100
Sample Wt/Vol:	5 g	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	1.10	U	1	1.10	5.00	ug/Kg	10/28/25 09:30	VY102825
74-87-3	Chloromethane	1.10	U	1	1.10	5.00	ug/Kg	10/28/25 09:30	VY102825
75-01-4	Vinyl Chloride	0.79	U	1	0.79	5.00	ug/Kg	10/28/25 09:30	VY102825
74-83-9	Bromomethane	1.10	U	1	1.10	5.00	ug/Kg	10/28/25 09:30	VY102825
75-00-3	Chloroethane	1.30	U	1	1.30	5.00	ug/Kg	10/28/25 09:30	VY102825
75-69-4	Trichlorofluoromethane	1.20	U	1	1.20	5.00	ug/Kg	10/28/25 09:30	VY102825
76-13-1	1,1,2-Trichlorotrifluoroethane	1.10	U	1	1.10	5.00	ug/Kg	10/28/25 09:30	VY102825
75-35-4	1,1-Dichloroethene	1.00	U	1	1.00	5.00	ug/Kg	10/28/25 09:30	VY102825
67-64-1	Acetone	4.70	U	1	4.70	25.0	ug/Kg	10/28/25 09:30	VY102825
75-15-0	Carbon Disulfide	1.10	U	1	1.10	5.00	ug/Kg	10/28/25 09:30	VY102825
1634-04-4	Methyl tert-butyl Ether	0.73	U	1	0.73	5.00	ug/Kg	10/28/25 09:30	VY102825
79-20-9	Methyl Acetate	1.50	U	1	1.50	5.00	ug/Kg	10/28/25 09:30	VY102825
75-09-2	Methylene Chloride	3.50	U	1	3.50	10.0	ug/Kg	10/28/25 09:30	VY102825
156-60-5	trans-1,2-Dichloroethene	0.86	U	1	0.86	5.00	ug/Kg	10/28/25 09:30	VY102825
75-34-3	1,1-Dichloroethane	0.80	U	1	0.80	5.00	ug/Kg	10/28/25 09:30	VY102825
110-82-7	Cyclohexane	0.79	U	1	0.79	5.00	ug/Kg	10/28/25 09:30	VY102825
78-93-3	2-Butanone	6.50	U	1	6.50	25.0	ug/Kg	10/28/25 09:30	VY102825
56-23-5	Carbon Tetrachloride	0.97	U	1	0.97	5.00	ug/Kg	10/28/25 09:30	VY102825
156-59-2	cis-1,2-Dichloroethene	0.75	U	1	0.75	5.00	ug/Kg	10/28/25 09:30	VY102825
74-97-5	Bromochloromethane	1.20	U	1	1.20	5.00	ug/Kg	10/28/25 09:30	VY102825
67-66-3	Chloroform	0.84	U	1	0.84	5.00	ug/Kg	10/28/25 09:30	VY102825
71-55-6	1,1,1-Trichloroethane	0.93	U	1	0.93	5.00	ug/Kg	10/28/25 09:30	VY102825
108-87-2	Methylcyclohexane	0.91	U	1	0.91	5.00	ug/Kg	10/28/25 09:30	VY102825
71-43-2	Benzene	0.79	U	1	0.79	5.00	ug/Kg	10/28/25 09:30	VY102825
107-06-2	1,2-Dichloroethane	0.79	U	1	0.79	5.00	ug/Kg	10/28/25 09:30	VY102825
79-01-6	Trichloroethene	0.81	U	1	0.81	5.00	ug/Kg	10/28/25 09:30	VY102825
78-87-5	1,2-Dichloropropane	0.91	U	1	0.91	5.00	ug/Kg	10/28/25 09:30	VY102825
75-27-4	Bromodichloromethane	0.78	U	1	0.78	5.00	ug/Kg	10/28/25 09:30	VY102825
108-10-1	4-Methyl-2-Pentanone	3.60	U	1	3.60	25.0	ug/Kg	10/28/25 09:30	VY102825
108-88-3	Toluene	0.78	U	1	0.78	5.00	ug/Kg	10/28/25 09:30	VY102825
10061-02-6	t-1,3-Dichloropropene	0.65	U	1	0.65	5.00	ug/Kg	10/28/25 09:30	VY102825
10061-01-5	cis-1,3-Dichloropropene	0.62	U	1	0.62	5.00	ug/Kg	10/28/25 09:30	VY102825
79-00-5	1,1,2-Trichloroethane	0.92	U	1	0.92	5.00	ug/Kg	10/28/25 09:30	VY102825
591-78-6	2-Hexanone	3.70	U	1	3.70	25.0	ug/Kg	10/28/25 09:30	VY102825
124-48-1	Dibromochloromethane	0.87	U	1	0.87	5.00	ug/Kg	10/28/25 09:30	VY102825
106-93-4	1,2-Dibromoethane	0.88	U	1	0.88	5.00	ug/Kg	10/28/25 09:30	VY102825
127-18-4	Tetrachloroethene	1.10	U	1	1.10	5.00	ug/Kg	10/28/25 09:30	VY102825
108-90-7	Chlorobenzene	0.91	U	1	0.91	5.00	ug/Kg	10/28/25 09:30	VY102825
100-41-4	Ethyl Benzene	0.67	U	1	0.67	5.00	ug/Kg	10/28/25 09:30	VY102825
179601-23-1	m/p-Xylenes	1.20	U	1	1.20	10.0	ug/Kg	10/28/25 09:30	VY102825
95-47-6	o-Xylene	0.82	U	1	0.82	5.00	ug/Kg	10/28/25 09:30	VY102825
100-42-5	Styrene	0.71	U	1	0.71	5.00	ug/Kg	10/28/25 09:30	VY102825
75-25-2	Bromoform	0.86	U	1	0.86	5.00	ug/Kg	10/28/25 09:30	VY102825

Raw Data: **VY023599.D**

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

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	
Project:	7 Rynda Road, Maplewood	Date Received:	
Client Sample ID:	VY1028SBL01	SDG No.:	Q3474
Lab Sample ID:	VY1028SBL01	Matrix:	SOIL
Analytical Method:	8260D	Level : LOW	% Solid: 100
Sample Wt/Vol:	5 g	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.78	U	1	0.78	5.00	ug/Kg	10/28/25 09:30	VY102825
79-34-5	1,1,2,2-Tetrachloroethane	1.20	U	1	1.20	5.00	ug/Kg	10/28/25 09:30	VY102825
541-73-1	1,3-Dichlorobenzene	1.70	U	1	1.70	5.00	ug/Kg	10/28/25 09:30	VY102825
106-46-7	1,4-Dichlorobenzene	1.60	U	1	1.60	5.00	ug/Kg	10/28/25 09:30	VY102825
95-50-1	1,2-Dichlorobenzene	1.50	U	1	1.50	5.00	ug/Kg	10/28/25 09:30	VY102825
96-12-8	1,2-Dibromo-3-Chloropropane	1.80	U	1	1.80	5.00	ug/Kg	10/28/25 09:30	VY102825
120-82-1	1,2,4-Trichlorobenzene	3.00	U	1	3.00	5.00	ug/Kg	10/28/25 09:30	VY102825
87-61-6	1,2,3-Trichlorobenzene	3.20	U	1	3.20	5.00	ug/Kg	10/28/25 09:30	VY102825
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	50.7			63 - 155	101%	SPK: 50		
1868-53-7	Dibromofluoromethane	50.0			70 - 134	100%	SPK: 50		
2037-26-5	Toluene-d8	48.8			74 - 123	98%	SPK: 50		
460-00-4	4-Bromofluorobenzene	39.4			17 - 146	79%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	751000							
540-36-3	1,4-Difluorobenzene	1250000							
3114-55-4	Chlorobenzene-d5	1020000							
3855-82-1	1,4-Dichlorobenzene-d4	391000							

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\VY102825\
Data File : VY023599.D
Acq On : 28 Oct 2025 09:30
Operator : SY/MD
Sample : VY1028SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1028SBL01

Quant Time: Oct 29 06:21:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	751348	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	1250620	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	1019446	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	391368	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	318592	50.708	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.420%			
35) Dibromofluoromethane	7.634	113	383941	49.963	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.920%			
50) Toluene-d8	10.109	98	1396250	48.790	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 97.580%			
62) 4-Bromofluorobenzene	12.408	95	372675	39.444	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 78.880%			

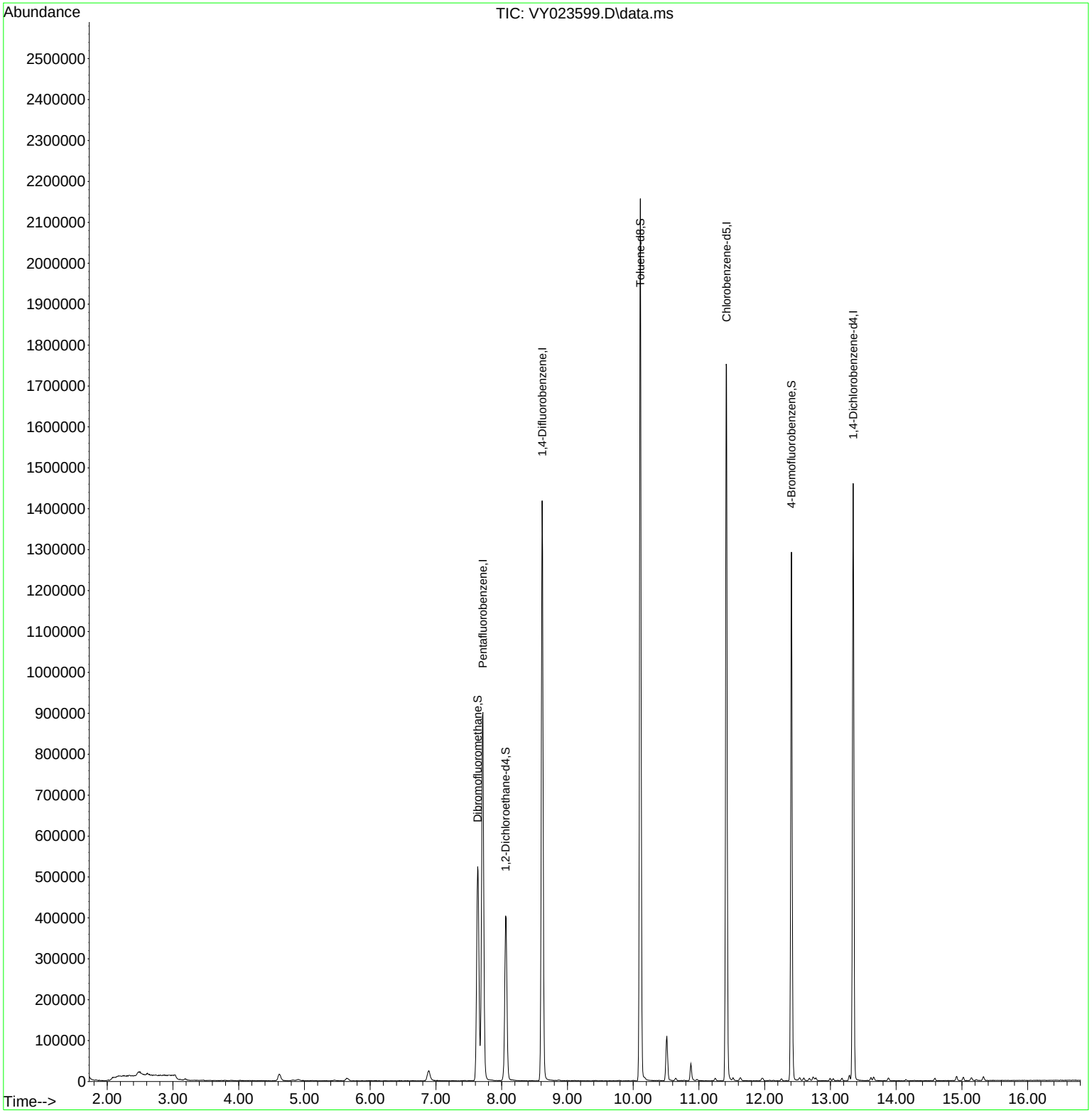
Target Compounds Qvalue

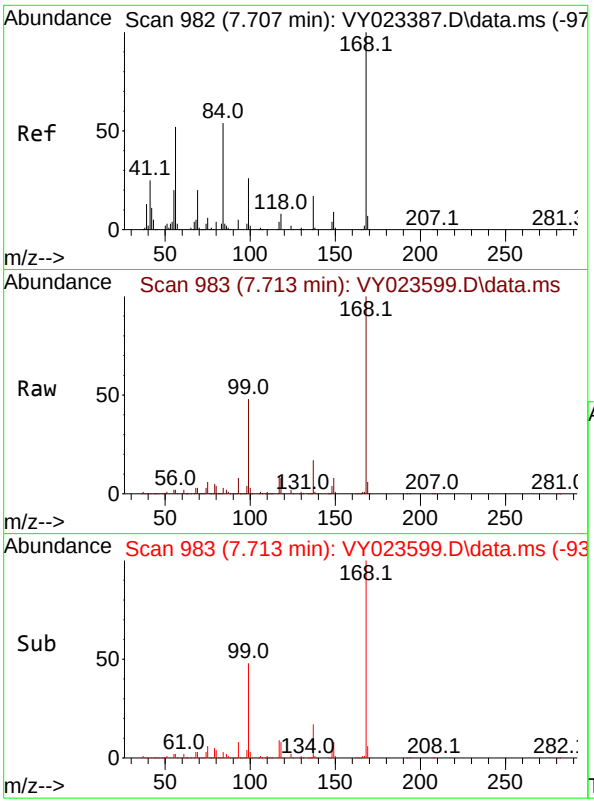
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102825\
Data File : VY023599.D
Acq On : 28 Oct 2025 09:30
Operator : SY/MD
Sample : VY1028SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1028SBL01

Quant Time: Oct 29 06:21:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration



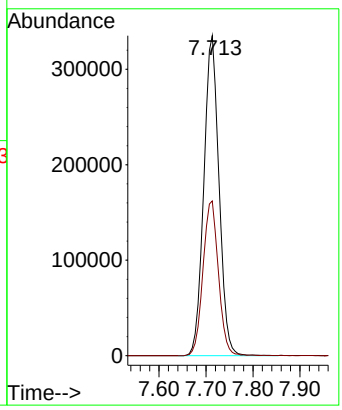


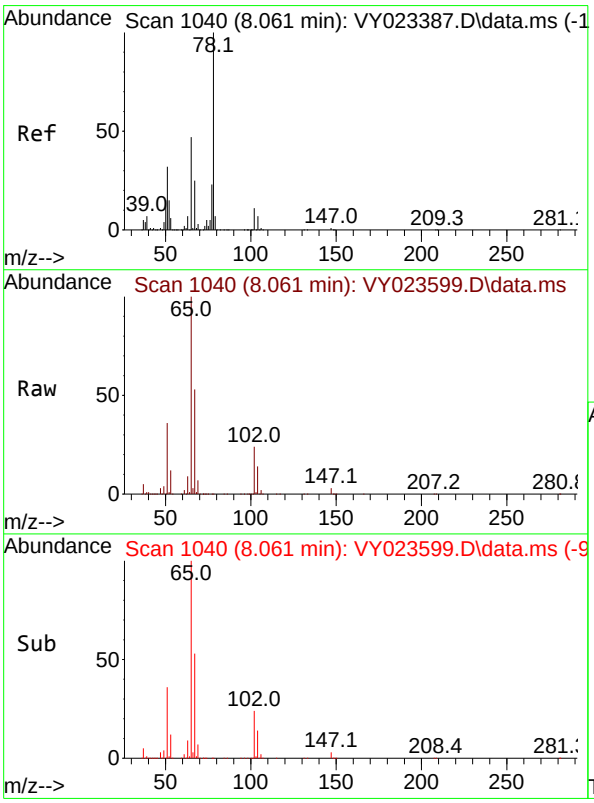
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY023599.D
Acq: 28 Oct 2025 09:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1028SBL01

Tgt Ion:168 Resp: 751348

Ion	Ratio	Lower	Upper
168	100		
99	48.4	39.7	59.5

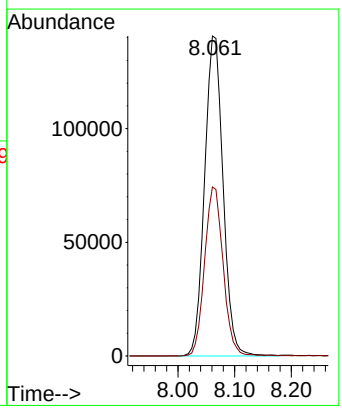


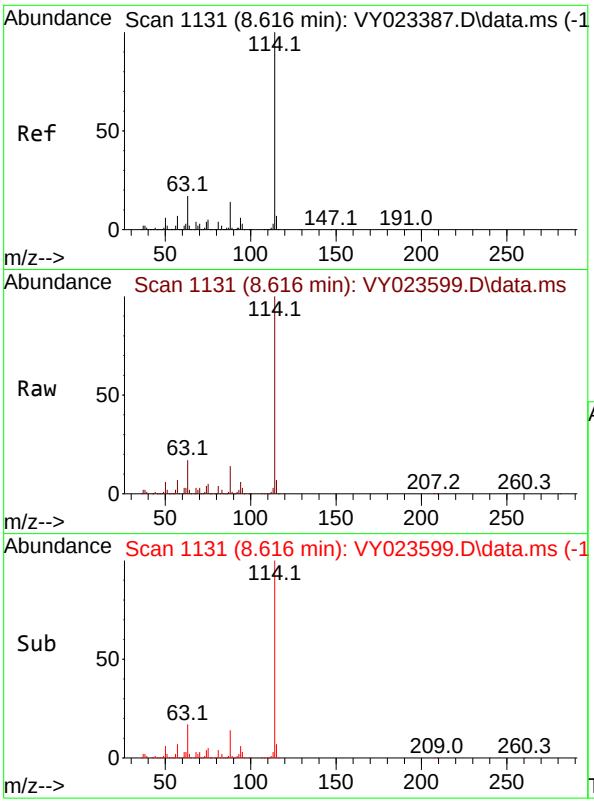


#33
1,2-Dichloroethane-d4
Concen: 50.708 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY023599.D
Acq: 28 Oct 2025 09:30

Tgt Ion: 65 Resp: 318592

Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	105.8



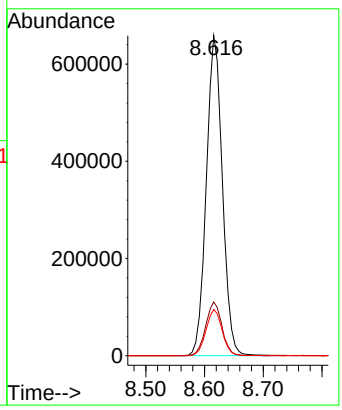


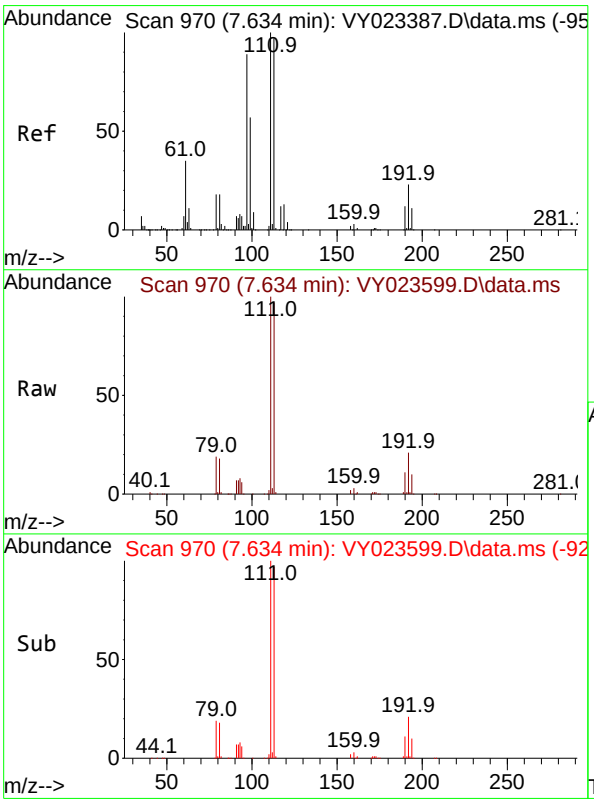
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023599.D
Acq: 28 Oct 2025 09:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1028SBL01

Tgt Ion:114 Resp: 1250620

Ion	Ratio	Lower	Upper
114	100		
63	16.8	0.0	34.2
88	14.4	0.0	28.4

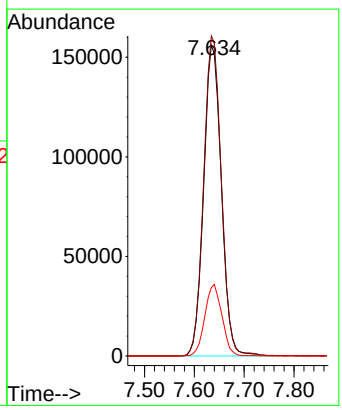


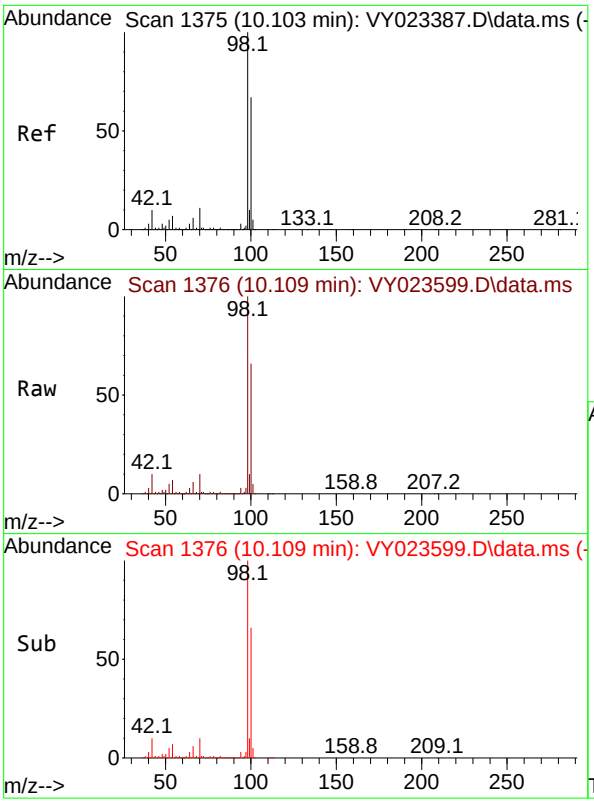


#35
Dibromofluoromethane
Concen: 49.963 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY023599.D
Acq: 28 Oct 2025 09:30

Tgt Ion:113 Resp: 383941

Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.8	122.6
192	22.3	18.0	27.0



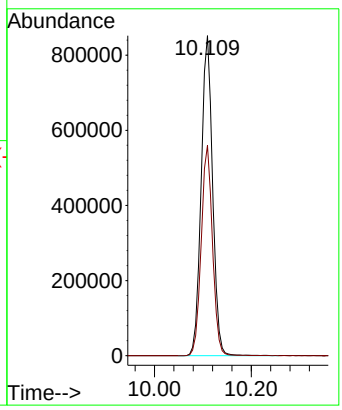


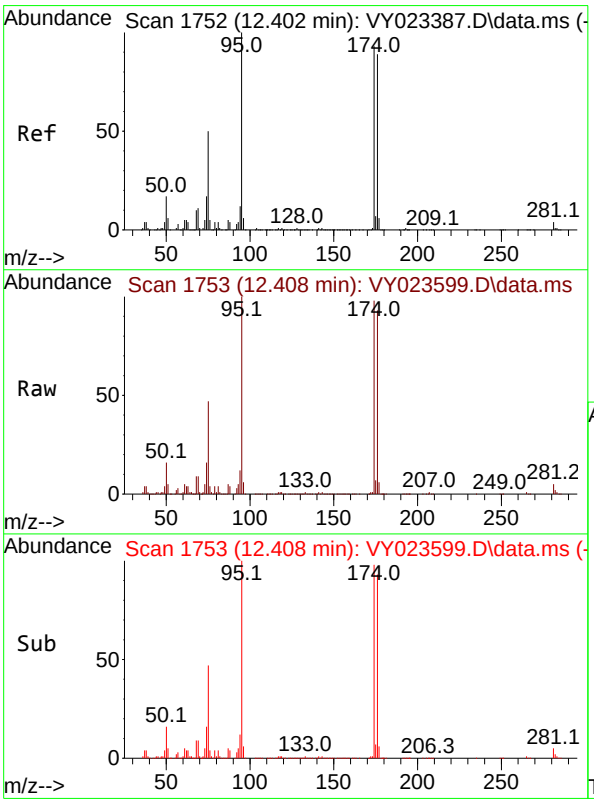
#50
Toluene-d8
Concen: 48.790 ug/l
RT: 10.109 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023599.D
Acq: 28 Oct 2025 09:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1028SBL01

Tgt Ion: 98 Resp: 1396250

Ion	Ratio	Lower	Upper
98	100		
100	64.9	53.0	79.4

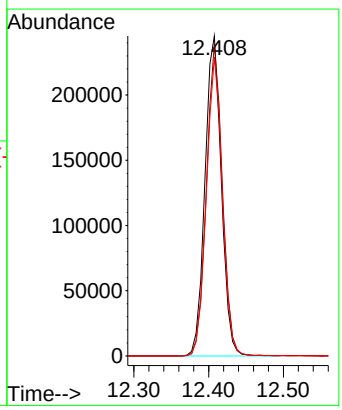


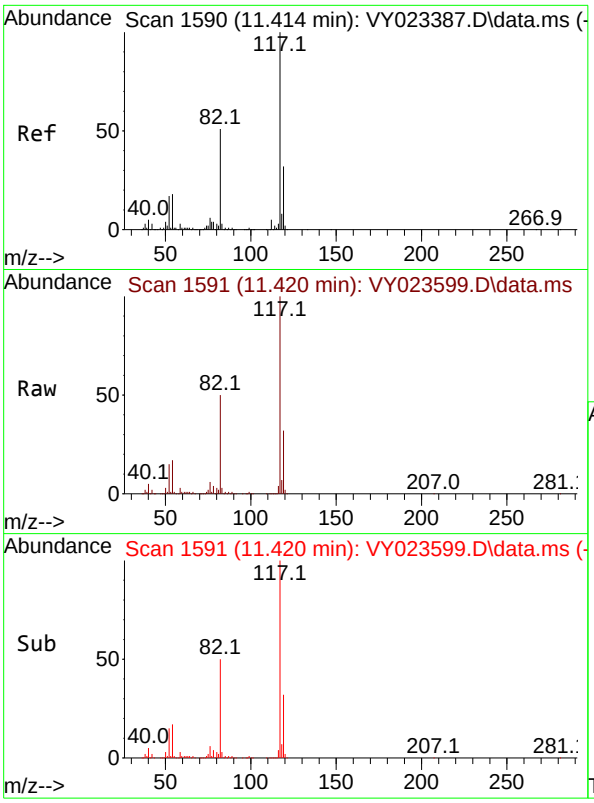


#62
4-Bromofluorobenzene
Concen: 39.444 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023599.D
Acq: 28 Oct 2025 09:30

Tgt Ion: 95 Resp: 372675

Ion	Ratio	Lower	Upper
95	100		
174	95.5	0.0	192.8
176	91.2	0.0	187.6



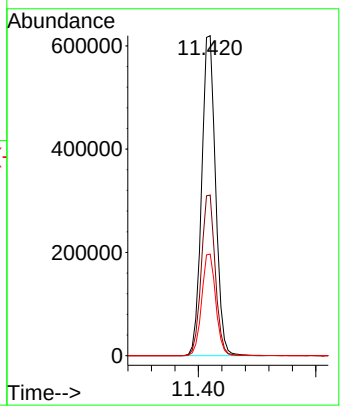


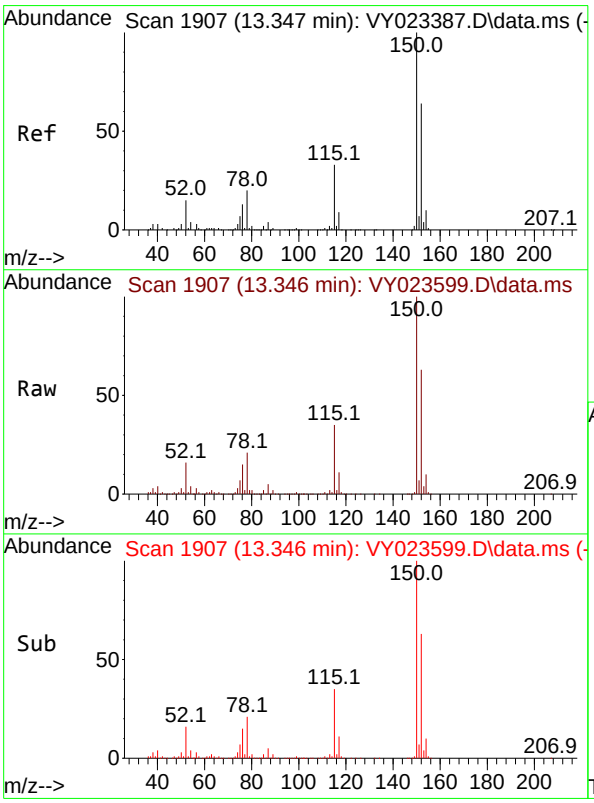
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023599.D
Acq: 28 Oct 2025 09:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1028SBL01

Tgt Ion:117 Resp: 1019446

Ion	Ratio	Lower	Upper
117	100		
82	50.2	41.0	61.4
119	31.7	25.6	38.4

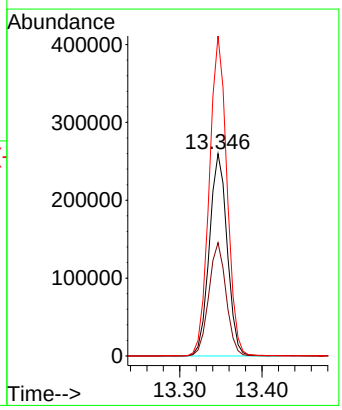




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY023599.D
Acq: 28 Oct 2025 09:30

Tgt Ion:152 Resp: 391368

Ion	Ratio	Lower	Upper
152	100		
115	54.4	27.1	81.2
150	156.7	0.0	347.4



Sample Results: **VY023599.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102825\
Data File : VY023599.D
Acq On : 28 Oct 2025 09:30
Operator : SY/MD
Sample : VY1028SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1028SBL01

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

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

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Title : SW846 8260

Signal : TIC: VY023599.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.616	466	475	486	rBV3	15928	48290	1.35%	0.266%
2	6.890	839	848	861	rBV	24461	76955	2.16%	0.425%
3	7.634	960	970	976	rBV	523393	1277209	35.80%	7.046%
4	7.713	976	983	998	rVB	898746	2067358	57.95%	11.404%
5	8.061	1029	1040	1053	rBV	402772	944314	26.47%	5.209%
6	8.616	1122	1131	1152	rBV	1418057	2719122	76.22%	15.000%
7	10.109	1367	1376	1394	rBV	2156340	3567329	100.00%	19.679%
8	10.512	1435	1442	1449	rBV	109562	206823	5.80%	1.141%
9	10.877	1494	1502	1513	rBV	41676	72463	2.03%	0.400%
10	11.414	1582	1590	1603	rBV	1751774	2918362	81.81%	16.099%
11	12.408	1743	1753	1765	rBV	1292501	2020147	56.63%	11.144%
12	13.346	1900	1907	1919	rVB	1458879	2209557	61.94%	12.189%

Sum of corrected areas: 18127929

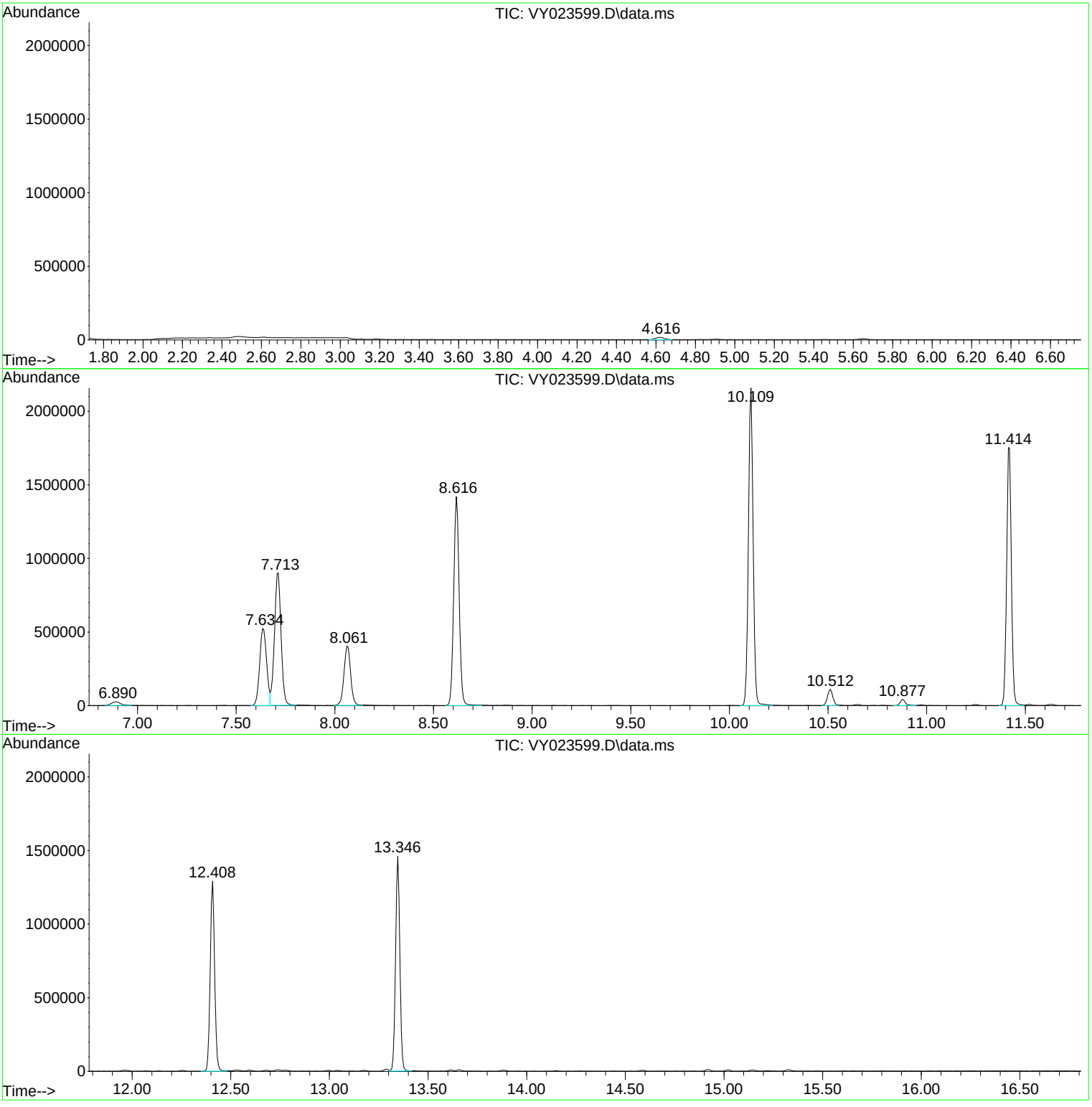
Sample Results: **VY023599.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102825\
Data File : VY023599.D
Acq On : 28 Oct 2025 09:30
Operator : SY/MD
Sample : VY1028SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1028SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260

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



Library Search Compound Report

Sample Results: **VY023599.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102825\
Data File : VY023599.D
Acq On : 28 Oct 2025 09:30
Operator : SY/MD
Sample : VY1028SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1028SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260

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

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102825\
Data File : VY023599.D
Acq On : 28 Oct 2025 09:30
Operator : SY/MD
Sample : VY1028SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1028SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260

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

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

Raw Data: **VY023600.D**

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

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	
Project:	7 Rynda Road, Maplewood	Date Received:	
Client Sample ID:	VY1028SBS01	SDG No.:	Q3474
Lab Sample ID:	VY1028SBS01	Matrix:	SOIL
Analytical Method:	8260D	Level : LOW	% Solid: 100
Sample Wt/Vol:	5 g	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	20.8		1	1.10	5.00	ug/Kg	10/28/25 10:01	VY102825
74-87-3	Chloromethane	20.0		1	1.10	5.00	ug/Kg	10/28/25 10:01	VY102825
75-01-4	Vinyl Chloride	20.2		1	0.79	5.00	ug/Kg	10/28/25 10:01	VY102825
74-83-9	Bromomethane	21.8		1	1.10	5.00	ug/Kg	10/28/25 10:01	VY102825
75-00-3	Chloroethane	21.5		1	1.30	5.00	ug/Kg	10/28/25 10:01	VY102825
75-69-4	Trichlorofluoromethane	21.4		1	1.20	5.00	ug/Kg	10/28/25 10:01	VY102825
76-13-1	1,1,2-Trichlorotrifluoroethane	22.2		1	1.10	5.00	ug/Kg	10/28/25 10:01	VY102825
75-35-4	1,1-Dichloroethene	20.9		1	1.00	5.00	ug/Kg	10/28/25 10:01	VY102825
67-64-1	Acetone	140		1	4.70	25.0	ug/Kg	10/28/25 10:01	VY102825
75-15-0	Carbon Disulfide	20.2		1	1.10	5.00	ug/Kg	10/28/25 10:01	VY102825
1634-04-4	Methyl tert-butyl Ether	20.0		1	0.73	5.00	ug/Kg	10/28/25 10:01	VY102825
79-20-9	Methyl Acetate	17.2		1	1.50	5.00	ug/Kg	10/28/25 10:01	VY102825
75-09-2	Methylene Chloride	20.3		1	3.50	10.0	ug/Kg	10/28/25 10:01	VY102825
156-60-5	trans-1,2-Dichloroethene	21.6		1	0.86	5.00	ug/Kg	10/28/25 10:01	VY102825
75-34-3	1,1-Dichloroethane	22.1		1	0.80	5.00	ug/Kg	10/28/25 10:01	VY102825
110-82-7	Cyclohexane	20.5		1	0.79	5.00	ug/Kg	10/28/25 10:01	VY102825
78-93-3	2-Butanone	120		1	6.50	25.0	ug/Kg	10/28/25 10:01	VY102825
56-23-5	Carbon Tetrachloride	22.2		1	0.97	5.00	ug/Kg	10/28/25 10:01	VY102825
156-59-2	cis-1,2-Dichloroethene	21.8		1	0.75	5.00	ug/Kg	10/28/25 10:01	VY102825
74-97-5	Bromochloromethane	21.9		1	1.20	5.00	ug/Kg	10/28/25 10:01	VY102825
67-66-3	Chloroform	22.4		1	0.84	5.00	ug/Kg	10/28/25 10:01	VY102825
71-55-6	1,1,1-Trichloroethane	22.3		1	0.93	5.00	ug/Kg	10/28/25 10:01	VY102825
108-87-2	Methylcyclohexane	20.7		1	0.91	5.00	ug/Kg	10/28/25 10:01	VY102825
71-43-2	Benzene	22.2		1	0.79	5.00	ug/Kg	10/28/25 10:01	VY102825
107-06-2	1,2-Dichloroethane	21.8		1	0.79	5.00	ug/Kg	10/28/25 10:01	VY102825
79-01-6	Trichloroethene	21.9		1	0.81	5.00	ug/Kg	10/28/25 10:01	VY102825
78-87-5	1,2-Dichloropropane	22.3		1	0.91	5.00	ug/Kg	10/28/25 10:01	VY102825
75-27-4	Bromodichloromethane	22.2		1	0.78	5.00	ug/Kg	10/28/25 10:01	VY102825
108-10-1	4-Methyl-2-Pentanone	100		1	3.60	25.0	ug/Kg	10/28/25 10:01	VY102825
108-88-3	Toluene	22.4		1	0.78	5.00	ug/Kg	10/28/25 10:01	VY102825
10061-02-6	t-1,3-Dichloropropene	20.6		1	0.65	5.00	ug/Kg	10/28/25 10:01	VY102825
10061-01-5	cis-1,3-Dichloropropene	21.4		1	0.62	5.00	ug/Kg	10/28/25 10:01	VY102825
79-00-5	1,1,2-Trichloroethane	22.0		1	0.92	5.00	ug/Kg	10/28/25 10:01	VY102825
591-78-6	2-Hexanone	110		1	3.70	25.0	ug/Kg	10/28/25 10:01	VY102825
124-48-1	Dibromochloromethane	21.5		1	0.87	5.00	ug/Kg	10/28/25 10:01	VY102825
106-93-4	1,2-Dibromoethane	21.3		1	0.88	5.00	ug/Kg	10/28/25 10:01	VY102825
127-18-4	Tetrachloroethene	22.7		1	1.10	5.00	ug/Kg	10/28/25 10:01	VY102825
108-90-7	Chlorobenzene	21.6		1	0.91	5.00	ug/Kg	10/28/25 10:01	VY102825
100-41-4	Ethyl Benzene	21.5		1	0.67	5.00	ug/Kg	10/28/25 10:01	VY102825
179601-23-1	m/p-Xylenes	44.0		1	1.20	10.0	ug/Kg	10/28/25 10:01	VY102825
95-47-6	o-Xylene	21.2		1	0.82	5.00	ug/Kg	10/28/25 10:01	VY102825
100-42-5	Styrene	21.5		1	0.71	5.00	ug/Kg	10/28/25 10:01	VY102825
75-25-2	Bromoform	20.7		1	0.86	5.00	ug/Kg	10/28/25 10:01	VY102825

Raw Data: **VY023600.D**

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

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	
Project:	7 Rynda Road, Maplewood	Date Received:	
Client Sample ID:	VY1028SBS01	SDG No.:	Q3474
Lab Sample ID:	VY1028SBS01	Matrix:	SOIL
Analytical Method:	8260D	Level : LOW	% Solid: 100
Sample Wt/Vol:	5 g	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	21.3		1	0.78	5.00	ug/Kg	10/28/25 10:01	VY102825
79-34-5	1,1,2,2-Tetrachloroethane	20.8		1	1.20	5.00	ug/Kg	10/28/25 10:01	VY102825
541-73-1	1,3-Dichlorobenzene	21.6		1	1.70	5.00	ug/Kg	10/28/25 10:01	VY102825
106-46-7	1,4-Dichlorobenzene	21.3		1	1.60	5.00	ug/Kg	10/28/25 10:01	VY102825
95-50-1	1,2-Dichlorobenzene	21.3		1	1.50	5.00	ug/Kg	10/28/25 10:01	VY102825
96-12-8	1,2-Dibromo-3-Chloropropane	19.1		1	1.80	5.00	ug/Kg	10/28/25 10:01	VY102825
120-82-1	1,2,4-Trichlorobenzene	19.2		1	3.00	5.00	ug/Kg	10/28/25 10:01	VY102825
87-61-6	1,2,3-Trichlorobenzene	18.9		1	3.20	5.00	ug/Kg	10/28/25 10:01	VY102825
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	50.3			63 - 155	101%	SPK: 50		
1868-53-7	Dibromofluoromethane	52.3			70 - 134	105%	SPK: 50		
2037-26-5	Toluene-d8	51.3			74 - 123	103%	SPK: 50		
460-00-4	4-Bromofluorobenzene	51.1			17 - 146	102%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	467000							
540-36-3	1,4-Difluorobenzene	689000							
3114-55-4	Chlorobenzene-d5	608000							
3855-82-1	1,4-Dichlorobenzene-d4	322000							

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\VY102825\
Data File : VY023600.D
Acq On : 28 Oct 2025 10:01
Operator : SY/MD
Sample : VY1028SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 29 06:21:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY1028SBS01

Manual Integrations APPROVED

Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	466766	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	688703	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	608323	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	321635	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	196350	50.305	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.620%			
35) Dibromofluoromethane	7.634	113	221379	52.314	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.620%			
50) Toluene-d8	10.109	98	808043	51.274	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 102.540%			
62) 4-Bromofluorobenzene	12.408	95	265636	51.055	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 102.100%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	69870	20.796	ug/l	97
3) Chloromethane	2.074	50	91352	19.960	ug/l	98
4) Vinyl Chloride	2.208	62	120309	20.182	ug/l	98
5) Bromomethane	2.592	94	109036	21.796	ug/l	97
6) Chloroethane	2.732	64	87164	21.450	ug/l	99
7) Trichlorofluoromethane	3.056	101	177446	21.438	ug/l	100
8) Diethyl Ether	3.458	74	43433	20.081	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.818	101	95195	22.163	ug/l	99
10) Methyl Iodide	4.007	142	97920	20.478	ug/l	100
11) Tert butyl alcohol	4.860	59	29198	100.553	ug/l	100
12) 1,1-Dichloroethene	3.793	96	87083	20.915	ug/l	95
13) Acrolein	3.659	56	16931	41.265	ug/l	91
14) Allyl chloride	4.391	41	104257	20.546	ug/l	98
15) Acrylonitrile	5.061	53	84404	101.973	ug/l	99
16) Acetone	3.866	43	131159	141.149	ug/l	97
17) Carbon Disulfide	4.110	76	240939	20.218	ug/l	99
18) Methyl Acetate	4.391	43	41922	17.198	ug/l	98
19) Methyl tert-butyl Ether	5.116	73	200260	20.012	ug/l	96
20) Methylene Chloride	4.616	84	101756	20.251	ug/l	98
21) trans-1,2-Dichloroethene	5.116	96	98982	21.593	ug/l	100
22) Diisopropyl ether	6.018	45	241026	21.474	ug/l	96
23) Vinyl Acetate	5.964	43	631264	103.904	ug/l	100
24) 1,1-Dichloroethane	5.921	63	164133	22.076	ug/l	99
25) 2-Butanone	6.896	43	136405	120.241	ug/l	96
26) 2,2-Dichloropropane	6.890	77	151471	22.202	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	115619	21.835	ug/l	98
28) Bromochloromethane	7.250	49	60766	21.893	ug/l	98
29) Tetrahydrofuran	7.262	42	62628	97.354	ug/l	99
30) Chloroform	7.421	83	183212	22.428	ug/l	97
31) Cyclohexane	7.701	56	133313	20.532	ug/l	96
32) 1,1,1-Trichloroethane	7.616	97	165698	22.321	ug/l	100
36) 1,1-Dichloropropene	7.835	75	123774	22.093	ug/l	99
37) Ethyl Acetate	6.982	43	44619	20.103	ug/l	98
38) Carbon Tetrachloride	7.823	117	150651	22.177	ug/l	98
39) Methylcyclohexane	9.109	83	151022	20.704	ug/l	96
40) Benzene	8.079	78	393698	22.190	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102825\
Data File : VY023600.D
Acq On : 28 Oct 2025 10:01
Operator : SY/MD
Sample : VY1028SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 29 06:21:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY1028SBS01

Manual Integrations APPROVED

Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.219	41	20248	16.868	ug/l		88
42) 1,2-Dichloroethane	8.158	62	99846	21.821	ug/l		100
43) Isopropyl Acetate	8.195	43	86105	19.455	ug/l		99
44) Trichloroethene	8.866	130	113936	21.940	ug/l		100
45) 1,2-Dichloropropane	9.140	63	87417	22.307	ug/l		99
46) Dibromomethane	9.231	93	54187	21.867	ug/l		96
47) Bromodichloromethane	9.420	83	138357	22.169	ug/l		98
48) Methyl methacrylate	9.219	41	38842	18.681	ug/l		95
49) 1,4-Dioxane	9.225	88	11340	394.700	ug/l		97
51) 4-Methyl-2-Pentanone	9.999	43	229656	100.434	ug/l		98
52) Toluene	10.170	92	258089	22.404	ug/l		99
53) t-1,3-Dichloropropene	10.396	75	111991	20.637	ug/l		98
54) cis-1,3-Dichloropropene	9.859	75	136753	21.352	ug/l		99
55) 1,1,2-Trichloroethane	10.573	97	73452	22.042	ug/l		95
56) Ethyl methacrylate	10.438	69	73531	19.129	ug/l		98
57) 1,3-Dichloropropane	10.719	76	112114	21.232	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.713	63	132397	76.888	ug/l		98
59) 2-Hexanone	10.762	43	184056	112.632	ug/l		99
60) Dibromochloromethane	10.914	129	100306	21.470	ug/l		100
61) 1,2-Dibromoethane	11.018	107	67752	21.319	ug/l		99
64) Tetrachloroethene	10.646	164	142374	22.667	ug/l		99
65) Chlorobenzene	11.438	112	286438	21.649	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.518	131	103716	21.998	ug/l		100
67) Ethyl Benzene	11.518	91	459863	21.472	ug/l		100
68) m/p-Xylenes	11.627	106	378066	44.012	ug/l		99
69) o-Xylene	11.956	106	171152	21.242	ug/l		100
70) Styrene	11.969	104	284873	21.500	ug/l		100
71) Bromoform	12.133	173	60670	20.745	ug/l	#	98
73) Isopropylbenzene	12.255	105	451320	21.293	ug/l		99
74) N-amyl acetate	12.072	43	69684	18.303	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.505	83	71985	20.764	ug/l		100
76) 1,2,3-Trichloropropane	12.554	75	53848m	18.976	ug/l		
77) Bromobenzene	12.530	156	118325	20.998	ug/l		99
78) n-propylbenzene	12.597	91	541114	22.061	ug/l		99
79) 2-Chlorotoluene	12.676	91	308506	21.478	ug/l		100
80) 1,3,5-Trimethylbenzene	12.737	105	374465	21.863	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.304	75	22332	19.298	ug/l		96
82) 4-Chlorotoluene	12.773	91	323122	21.843	ug/l		100
83) tert-Butylbenzene	12.993	119	337341	21.331	ug/l		99
84) 1,2,4-Trimethylbenzene	13.042	105	370089	21.651	ug/l		100
85) sec-Butylbenzene	13.176	105	497748	21.941	ug/l		100
86) p-Isopropyltoluene	13.292	119	416425	21.560	ug/l		100
87) 1,3-Dichlorobenzene	13.285	146	236963	21.595	ug/l		99
88) 1,4-Dichlorobenzene	13.365	146	230538	21.272	ug/l		100
89) n-Butylbenzene	13.615	91	357323	21.231	ug/l		99
90) Hexachloroethane	13.877	117	89471	21.537	ug/l		97
91) 1,2-Dichlorobenzene	13.657	146	205061	21.315	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	10856	19.085	ug/l		99
93) 1,2,4-Trichlorobenzene	14.919	180	115182	19.205	ug/l		99
94) Hexachlorobutadiene	15.017	225	78197	20.916	ug/l		98
95) Naphthalene	15.139	128	159934	16.746	ug/l		99
96) 1,2,3-Trichlorobenzene	15.328	180	98332	18.928	ug/l		98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102825\
Data File : VY023600.D
Acq On : 28 Oct 2025 10:01
Operator : SY/MD
Sample : VY1028SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 29 06:21:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY1028SBS01

Manual Integrations APPROVED

Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025

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

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

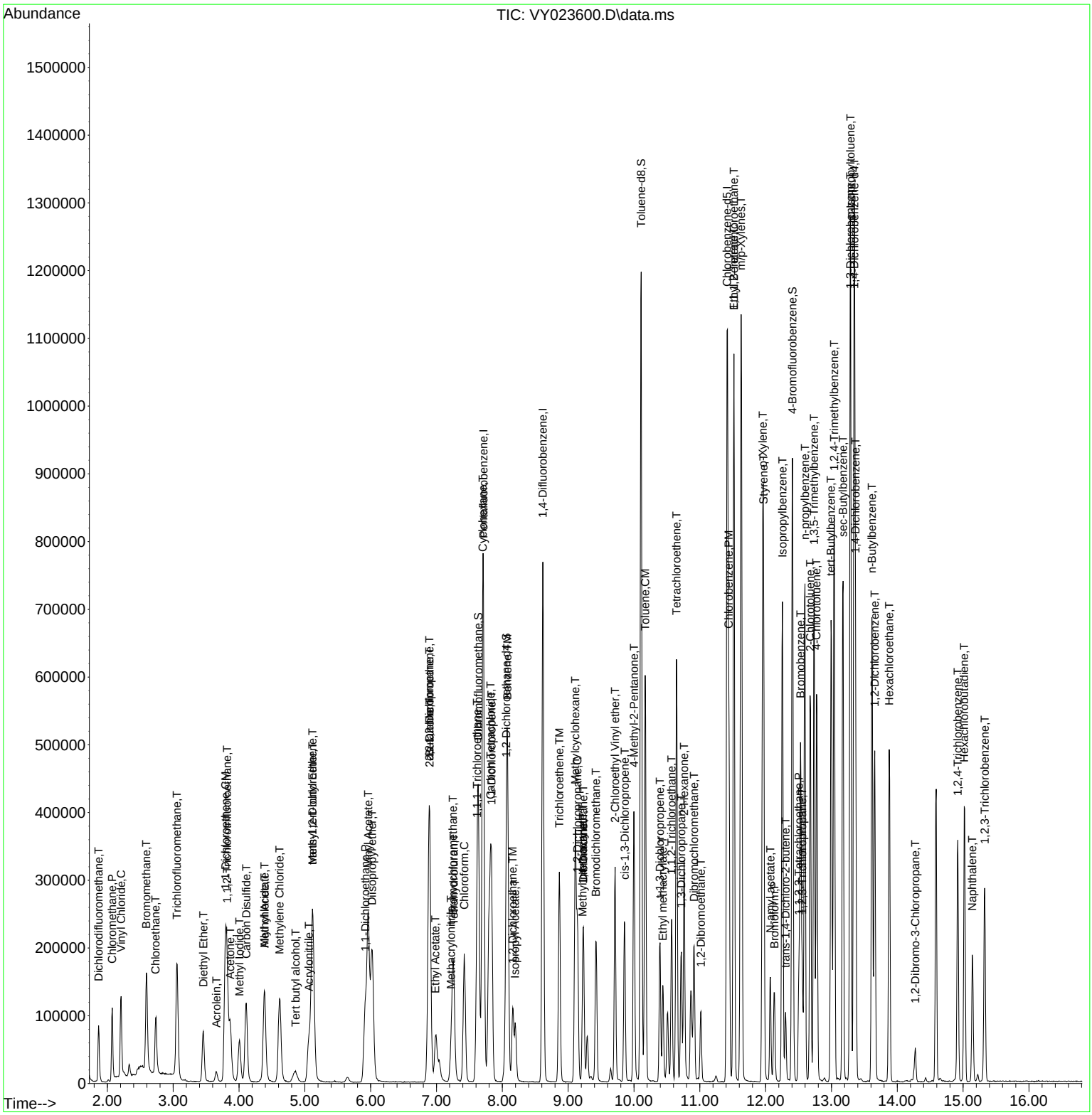
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102825\
Data File : VY023600.D
Acq On : 28 Oct 2025 10:01
Operator : SY/MD
Sample : VY1028SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 29 06:21:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY1028SBS01

Manual Integrations APPROVED

Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



Raw Data: **VY023601.D**

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

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	
Project:	7 Rynda Road, Maplewood	Date Received:	
Client Sample ID:	VY1028SBSD01	SDG No.:	Q3474
Lab Sample ID:	VY1028SBSD01	Matrix:	SOIL
Analytical Method:	8260D	Level : LOW	% Solid: 100
Sample Wt/Vol:	5 g	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	22.0		1	1.10	5.00	ug/Kg	10/28/25 10:24	VY102825
74-87-3	Chloromethane	20.7		1	1.10	5.00	ug/Kg	10/28/25 10:24	VY102825
75-01-4	Vinyl Chloride	22.0		1	0.79	5.00	ug/Kg	10/28/25 10:24	VY102825
74-83-9	Bromomethane	22.8		1	1.10	5.00	ug/Kg	10/28/25 10:24	VY102825
75-00-3	Chloroethane	22.6		1	1.30	5.00	ug/Kg	10/28/25 10:24	VY102825
75-69-4	Trichlorofluoromethane	22.8		1	1.20	5.00	ug/Kg	10/28/25 10:24	VY102825
76-13-1	1,1,2-Trichlorotrifluoroethane	23.6		1	1.10	5.00	ug/Kg	10/28/25 10:24	VY102825
75-35-4	1,1-Dichloroethene	22.3		1	1.00	5.00	ug/Kg	10/28/25 10:24	VY102825
67-64-1	Acetone	150		1	4.70	25.0	ug/Kg	10/28/25 10:24	VY102825
75-15-0	Carbon Disulfide	21.3		1	1.10	5.00	ug/Kg	10/28/25 10:24	VY102825
1634-04-4	Methyl tert-butyl Ether	21.7		1	0.73	5.00	ug/Kg	10/28/25 10:24	VY102825
79-20-9	Methyl Acetate	19.8		1	1.50	5.00	ug/Kg	10/28/25 10:24	VY102825
75-09-2	Methylene Chloride	21.3		1	3.50	10.0	ug/Kg	10/28/25 10:24	VY102825
156-60-5	trans-1,2-Dichloroethene	22.7		1	0.86	5.00	ug/Kg	10/28/25 10:24	VY102825
75-34-3	1,1-Dichloroethane	23.5		1	0.80	5.00	ug/Kg	10/28/25 10:24	VY102825
110-82-7	Cyclohexane	22.1		1	0.79	5.00	ug/Kg	10/28/25 10:24	VY102825
78-93-3	2-Butanone	130		1	6.50	25.0	ug/Kg	10/28/25 10:24	VY102825
56-23-5	Carbon Tetrachloride	23.8		1	0.97	5.00	ug/Kg	10/28/25 10:24	VY102825
156-59-2	cis-1,2-Dichloroethene	22.7		1	0.75	5.00	ug/Kg	10/28/25 10:24	VY102825
74-97-5	Bromochloromethane	22.1		1	1.20	5.00	ug/Kg	10/28/25 10:24	VY102825
67-66-3	Chloroform	23.8		1	0.84	5.00	ug/Kg	10/28/25 10:24	VY102825
71-55-6	1,1,1-Trichloroethane	23.5		1	0.93	5.00	ug/Kg	10/28/25 10:24	VY102825
108-87-2	Methylcyclohexane	22.4		1	0.91	5.00	ug/Kg	10/28/25 10:24	VY102825
71-43-2	Benzene	23.6		1	0.79	5.00	ug/Kg	10/28/25 10:24	VY102825
107-06-2	1,2-Dichloroethane	22.8		1	0.79	5.00	ug/Kg	10/28/25 10:24	VY102825
79-01-6	Trichloroethene	23.4		1	0.81	5.00	ug/Kg	10/28/25 10:24	VY102825
78-87-5	1,2-Dichloropropane	23.8		1	0.91	5.00	ug/Kg	10/28/25 10:24	VY102825
75-27-4	Bromodichloromethane	23.6		1	0.78	5.00	ug/Kg	10/28/25 10:24	VY102825
108-10-1	4-Methyl-2-Pentanone	110		1	3.60	25.0	ug/Kg	10/28/25 10:24	VY102825
108-88-3	Toluene	23.9		1	0.78	5.00	ug/Kg	10/28/25 10:24	VY102825
10061-02-6	t-1,3-Dichloropropene	22.5		1	0.65	5.00	ug/Kg	10/28/25 10:24	VY102825
10061-01-5	cis-1,3-Dichloropropene	22.8		1	0.62	5.00	ug/Kg	10/28/25 10:24	VY102825
79-00-5	1,1,2-Trichloroethane	23.7		1	0.92	5.00	ug/Kg	10/28/25 10:24	VY102825
591-78-6	2-Hexanone	130		1	3.70	25.0	ug/Kg	10/28/25 10:24	VY102825
124-48-1	Dibromochloromethane	23.4		1	0.87	5.00	ug/Kg	10/28/25 10:24	VY102825
106-93-4	1,2-Dibromoethane	22.8		1	0.88	5.00	ug/Kg	10/28/25 10:24	VY102825
127-18-4	Tetrachloroethene	23.9		1	1.10	5.00	ug/Kg	10/28/25 10:24	VY102825
108-90-7	Chlorobenzene	23.1		1	0.91	5.00	ug/Kg	10/28/25 10:24	VY102825
100-41-4	Ethyl Benzene	23.0		1	0.67	5.00	ug/Kg	10/28/25 10:24	VY102825
179601-23-1	m/p-Xylenes	47.1		1	1.20	10.0	ug/Kg	10/28/25 10:24	VY102825
95-47-6	o-Xylene	22.9		1	0.82	5.00	ug/Kg	10/28/25 10:24	VY102825
100-42-5	Styrene	23.0		1	0.71	5.00	ug/Kg	10/28/25 10:24	VY102825
75-25-2	Bromoform	22.8		1	0.86	5.00	ug/Kg	10/28/25 10:24	VY102825

Raw Data: **VY023601.D**

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

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	
Project:	7 Rynda Road, Maplewood	Date Received:	
Client Sample ID:	VY1028SBSD01	SDG No.:	Q3474
Lab Sample ID:	VY1028SBSD01	Matrix:	SOIL
Analytical Method:	8260D	Level : LOW	% Solid: 100
Sample Wt/Vol:	5 g	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	22.8		1	0.78	5.00	ug/Kg	10/28/25 10:24	VY102825
79-34-5	1,1,2,2-Tetrachloroethane	22.6		1	1.20	5.00	ug/Kg	10/28/25 10:24	VY102825
541-73-1	1,3-Dichlorobenzene	22.9		1	1.70	5.00	ug/Kg	10/28/25 10:24	VY102825
106-46-7	1,4-Dichlorobenzene	22.8		1	1.60	5.00	ug/Kg	10/28/25 10:24	VY102825
95-50-1	1,2-Dichlorobenzene	22.6		1	1.50	5.00	ug/Kg	10/28/25 10:24	VY102825
96-12-8	1,2-Dibromo-3-Chloropropane	20.9		1	1.80	5.00	ug/Kg	10/28/25 10:24	VY102825
120-82-1	1,2,4-Trichlorobenzene	21.1		1	3.00	5.00	ug/Kg	10/28/25 10:24	VY102825
87-61-6	1,2,3-Trichlorobenzene	21.0		1	3.20	5.00	ug/Kg	10/28/25 10:24	VY102825
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	49.3			63 - 155	99%	SPK: 50		
1868-53-7	Dibromofluoromethane	51.3			70 - 134	103%	SPK: 50		
2037-26-5	Toluene-d8	50.8			74 - 123	102%	SPK: 50		
460-00-4	4-Bromofluorobenzene	49.9			17 - 146	100%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	456000							
540-36-3	1,4-Difluorobenzene	667000							
3114-55-4	Chlorobenzene-d5	589000							
3855-82-1	1,4-Dichlorobenzene-d4	311000							

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\VY102825\
Data File : VY023601.D
Acq On : 28 Oct 2025 10:24
Operator : SY/MD
Sample : VY1028SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 29 06:22:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY1028SBSD01

Manual Integrations APPROVED

Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	455764	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	666569	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	588558	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	310817	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	187961	49.318	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 98.640%			
35) Dibromofluoromethane	7.634	113	210029	51.280	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.560%			
50) Toluene-d8	10.109	98	774440	50.773	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.540%			
62) 4-Bromofluorobenzene	12.402	95	251364	49.916	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 99.840%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	72019	21.953	ug/l	96
3) Chloromethane	2.074	50	92722	20.748	ug/l	96
4) Vinyl Chloride	2.208	62	128188	22.022	ug/l	97
5) Bromomethane	2.592	94	111252	22.775	ug/l	97
6) Chloroethane	2.733	64	89477	22.551	ug/l	96
7) Trichlorofluoromethane	3.056	101	184057	22.774	ug/l	100
8) Diethyl Ether	3.458	74	45069	21.341	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.818	101	99109	23.632	ug/l	100
10) Methyl Iodide	4.007	142	104737	22.433	ug/l	100
11) Tert butyl alcohol	4.854	59	30836	108.758	ug/l	98
12) 1,1-Dichloroethene	3.793	96	90636	22.294	ug/l	94
13) Acrolein	3.653	56	19413	48.456	ug/l	99
14) Allyl chloride	4.385	41	111339	22.471	ug/l	98
15) Acrylonitrile	5.061	53	89509	110.751	ug/l	100
16) Acetone	3.866	43	135646	149.502	ug/l	99
17) Carbon Disulfide	4.110	76	247768	21.293	ug/l	98
18) Methyl Acetate	4.385	43	47132	19.803	ug/l	100
19) Methyl tert-butyl Ether	5.122	73	211702	21.666	ug/l	100
20) Methylene Chloride	4.616	84	104323	21.263	ug/l	99
21) trans-1,2-Dichloroethene	5.122	96	101692	22.719	ug/l	96
22) Diisopropyl ether	6.019	45	255040	23.271	ug/l	95
23) Vinyl Acetate	5.964	43	669667	112.886	ug/l	99
24) 1,1-Dichloroethane	5.921	63	170855	23.534	ug/l	98
25) 2-Butanone	6.896	43	141062	127.348	ug/l	98
26) 2,2-Dichloropropane	6.890	77	157891	23.702	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	117622	22.749	ug/l	99
28) Bromochloromethane	7.244	49	59815	22.070	ug/l	98
29) Tetrahydrofuran	7.268	42	67276	107.104	ug/l	100
30) Chloroform	7.421	83	189686	23.781	ug/l	100
31) Cyclohexane	7.701	56	140081	22.095	ug/l	94
32) 1,1,1-Trichloroethane	7.622	97	170699	23.549	ug/l	99
36) 1,1-Dichloropropene	7.835	75	127469	23.508	ug/l	99
37) Ethyl Acetate	6.982	43	49001	22.810	ug/l	97
38) Carbon Tetrachloride	7.817	117	156432	23.792	ug/l	97
39) Methylcyclohexane	9.109	83	158006	22.380	ug/l	98
40) Benzene	8.079	78	404795	23.573	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102825\
Data File : VY023601.D
Acq On : 28 Oct 2025 10:24
Operator : SY/MD
Sample : VY1028SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 29 06:22:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY1028SBSD01

Manual Integrations APPROVED

Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.226	41	25394m	21.857	ug/l		
42) 1,2-Dichloroethane	8.158	62	101064	22.820	ug/l		99
43) Isopropyl Acetate	8.201	43	94190	21.989	ug/l		99
44) Trichloroethene	8.866	130	117688	23.415	ug/l		99
45) 1,2-Dichloropropane	9.140	63	90127	23.762	ug/l		97
46) Dibromomethane	9.231	93	55338	23.073	ug/l		97
47) Bromodichloromethane	9.426	83	142280	23.555	ug/l		98
48) Methyl methacrylate	9.225	41	44531	22.129	ug/l		98
49) 1,4-Dioxane	9.231	88	12046	433.195	ug/l	#	96
51) 4-Methyl-2-Pentanone	10.000	43	250716	113.285	ug/l		98
52) Toluene	10.170	92	265953	23.853	ug/l		100
53) t-1,3-Dichloropropene	10.396	75	118032	22.473	ug/l		100
54) cis-1,3-Dichloropropene	9.859	75	141576	22.839	ug/l		99
55) 1,1,2-Trichloroethane	10.573	97	76489	23.716	ug/l		97
56) Ethyl methacrylate	10.438	69	78889	21.205	ug/l		98
57) 1,3-Dichloropropane	10.719	76	117159	22.924	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.713	63	171553	102.936	ug/l		99
59) 2-Hexanone	10.762	43	201148	127.179	ug/l		97
60) Dibromochloromethane	10.914	129	105595	23.352	ug/l		99
61) 1,2-Dibromoethane	11.012	107	70060	22.777	ug/l		100
64) Tetrachloroethene	10.646	164	145375	23.922	ug/l		99
65) Chlorobenzene	11.444	112	296212	23.140	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.518	131	106001	23.237	ug/l		99
67) Ethyl Benzene	11.518	91	477377	23.039	ug/l		100
68) m/p-Xylenes	11.627	106	391246	47.076	ug/l		100
69) o-Xylene	11.957	106	178260	22.867	ug/l		100
70) Styrene	11.969	104	295341	23.039	ug/l		100
71) Bromoform	12.133	173	64591	22.827	ug/l	#	97
73) Isopropylbenzene	12.255	105	466499	22.775	ug/l		99
74) N-amyl acetate	12.066	43	77341	21.022	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.505	83	75858	22.643	ug/l		99
76) 1,2,3-Trichloropropane	12.554	75	56722m	20.685	ug/l		
77) Bromobenzene	12.530	156	121115	22.241	ug/l		98
78) n-propylbenzene	12.591	91	552713	23.318	ug/l		100
79) 2-Chlorotoluene	12.676	91	319727	23.034	ug/l		100
80) 1,3,5-Trimethylbenzene	12.737	105	387416	23.406	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.304	75	22742	20.337	ug/l		93
82) 4-Chlorotoluene	12.773	91	332052	23.228	ug/l		99
83) tert-Butylbenzene	12.993	119	351640	23.009	ug/l		99
84) 1,2,4-Trimethylbenzene	13.042	105	384595	23.282	ug/l		100
85) sec-Butylbenzene	13.176	105	515454	23.512	ug/l		99
86) p-Isopropyltoluene	13.292	119	430842	23.082	ug/l		99
87) 1,3-Dichlorobenzene	13.286	146	242552	22.873	ug/l		99
88) 1,4-Dichlorobenzene	13.365	146	239032	22.824	ug/l		98
89) n-Butylbenzene	13.615	91	368032	22.629	ug/l		99
90) Hexachloroethane	13.877	117	93510	23.293	ug/l		94
91) 1,2-Dichlorobenzene	13.657	146	209784	22.565	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	11479	20.882	ug/l		99
93) 1,2,4-Trichlorobenzene	14.919	180	122400	21.119	ug/l		99
94) Hexachlorobutadiene	15.017	225	82250	22.766	ug/l		100
95) Naphthalene	15.139	128	179020	19.397	ug/l		99
96) 1,2,3-Trichlorobenzene	15.328	180	105226	20.960	ug/l		99

Sample Results: **VY023601.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102825\
Data File : VY023601.D
Acq On : 28 Oct 2025 10:24
Operator : SY/MD
Sample : VY1028SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 29 06:22:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY1028SBSD01

Manual Integrations APPROVED

Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025

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

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

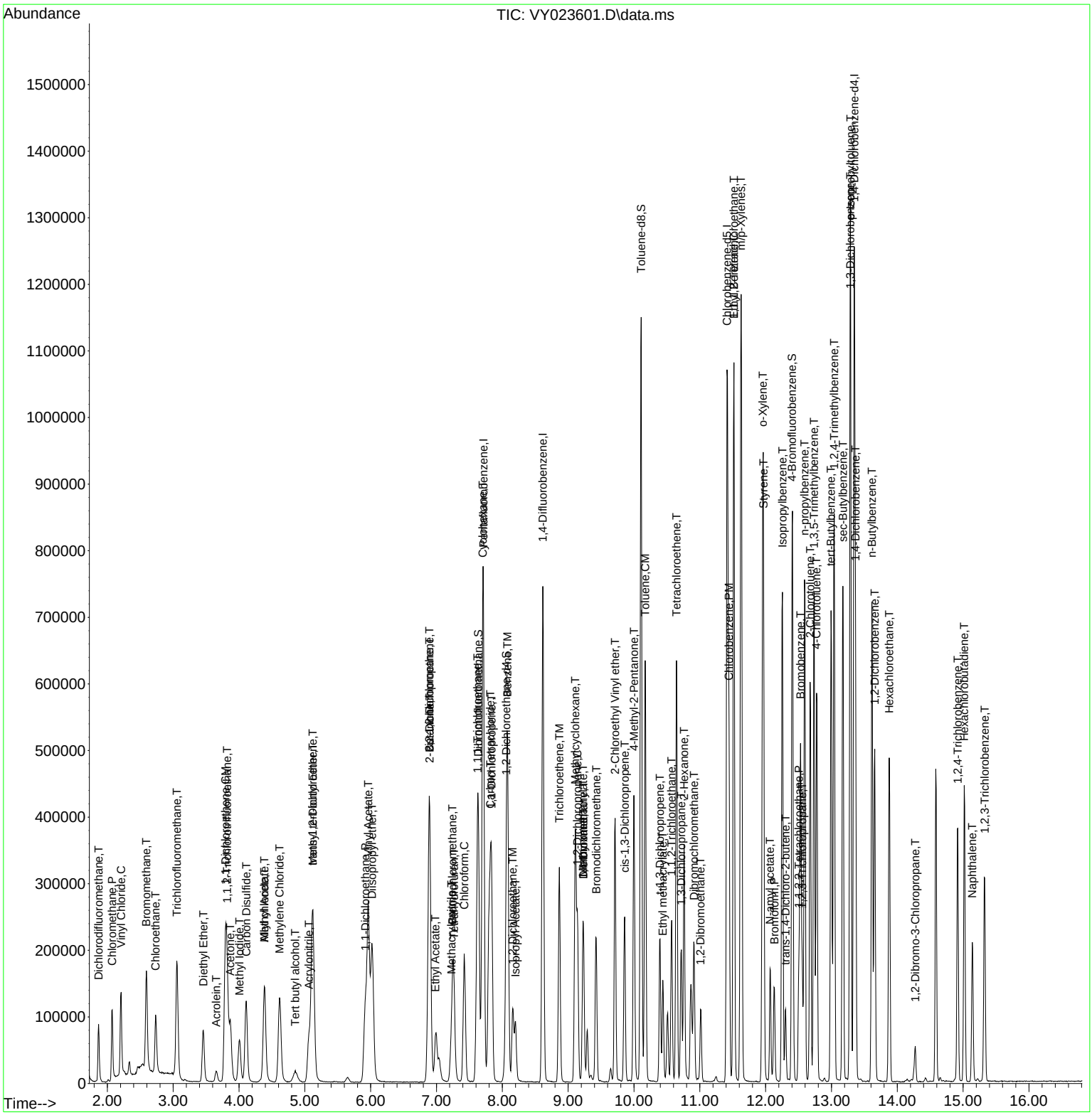
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102825\
Data File : VY023601.D
Acq On : 28 Oct 2025 10:24
Operator : SY/MD
Sample : VY1028SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 29 06:22:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY1028SBSD01

Manual Integrations APPROVED

Reviewed By :Amit Patel 10/29/2025
Supervised By :Mahesh Dadoda 10/29/2025



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

Manual Integration Report

Sequence:	VY100725	Instrument	MSVOA_y

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC005	VY023384.D	1,2,3-Trichloropropane	sam	10/10/2025 2:59:48 AM	MMdadoda	10/10/2025 4:37:28 AM	Peak Integrated by Software
VSTDICC005	VY023384.D	2-Chloroethyl Vinyl ether	sam	10/10/2025 2:59:48 AM	MMdadoda	10/10/2025 4:37:28 AM	Peak Integrated by Software
VSTDICC005	VY023384.D	Methacrylonitrile	sam	10/10/2025 2:59:48 AM	MMdadoda	10/10/2025 4:37:28 AM	Peak Integrated by Software
VSTDICC010	VY023385.D	1,2,3-Trichloropropane	sam	10/10/2025 2:59:52 AM	MMdadoda	10/10/2025 4:37:33 AM	Peak Integrated by Software
VSTDICC010	VY023385.D	2-Chloroethyl Vinyl ether	sam	10/10/2025 2:59:52 AM	MMdadoda	10/10/2025 4:37:33 AM	Peak Integrated by Software
VSTDICC020	VY023386.D	1,2,3-Trichloropropane	sam	10/10/2025 2:59:56 AM	MMdadoda	10/10/2025 4:37:37 AM	Peak Integrated by Software
VSTDICC020	VY023386.D	2-Chloroethyl Vinyl ether	sam	10/10/2025 2:59:56 AM	MMdadoda	10/10/2025 4:37:37 AM	Peak Integrated by Software
VSTDICC020	VY023386.D	Methacrylonitrile	sam	10/10/2025 2:59:56 AM	MMdadoda	10/10/2025 4:37:37 AM	Peak Integrated by Software
VSTDICCC050	VY023387.D	1,2,3-Trichloropropane	sam	10/10/2025 3:00:01 AM	MMdadoda	10/10/2025 4:37:41 AM	Peak Integrated by Software
VSTDICC100	VY023388.D	1,2,3-Trichloropropane	sam	10/10/2025 3:00:05 AM	MMdadoda	10/10/2025 4:37:46 AM	Peak Integrated by Software
VSTDICC150	VY023389.D	1,2,3-Trichloropropane	sam	10/10/2025 3:00:09 AM	MMdadoda	10/10/2025 4:37:51 AM	Peak Integrated by Software
VSTDICV050	VY023391.D	1,2,3-Trichloropropane	sam	10/10/2025 3:00:14 AM	MMdadoda	10/10/2025 4:37:55 AM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	VY100725	Instrument	MSVOA_y

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

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

Manual Integration Report

Sequence:	Vy102825	Instrument	MSVOA_y

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VY023598.D	1,2,3-Trichloropropane	Amit	10/29/2025 8:23:15 AM	MMDadoda	10/29/2025 1:19:23 PM	Peak Integrated by Software
VY1028SBS01	VY023600.D	1,2,3-Trichloropropane	Amit	10/29/2025 8:23:55 AM	MMDadoda	10/29/2025 1:19:32 PM	Peak Integrated by Software
VY1028SBSD01	VY023601.D	1,2,3-Trichloropropane	Amit	10/29/2025 8:24:01 AM	MMDadoda	10/29/2025 1:19:36 PM	Peak Integrated by Software
VY1028SBSD01	VY023601.D	Methacrylonitrile	Amit	10/29/2025 8:24:01 AM	MMDadoda	10/29/2025 1:19:36 PM	Peak Integrated by Software
VSTDCCC050	VY023609.D	1,2,3-Trichloropropane	Amit	10/29/2025 8:24:08 AM	MMDadoda	10/29/2025 1:19:41 PM	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 # VY100725

Review By	Semsettin Yesilyurt	Review On	10/10/2025 3:00:22 AM				
Supervise By	Mahesh Dadoda	Supervise On	10/10/2025 4:38:02 AM				
SubDirectory	VY100725	HP Acquire Method	MSVOA_Y	HP Processing Method	82y100725s.m		

STD. NAME	STD REF.#
Tune/Reschk	VP135766
Initial Calibration Stds	VP135767,VP135768,VP135769,VP135770,VP135771,VP135772
CCC	
Internal Standard/PEM	VP133934
ICV/I.BLK	VP135773
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VY023383.D	07 Oct 2025 08:43	SY/MD	Ok
2	VSTDICC005	VY023384.D	07 Oct 2025 09:17	SY/MD	Ok,M
3	VSTDICC010	VY023385.D	07 Oct 2025 10:02	SY/MD	Ok,M
4	VSTDICC020	VY023386.D	07 Oct 2025 11:24	SY/MD	Ok,M
5	VSTDICCC050	VY023387.D	07 Oct 2025 11:47	SY/MD	Ok,M
6	VSTDICC100	VY023388.D	07 Oct 2025 12:09	SY/MD	Ok,M
7	VSTDICC150	VY023389.D	07 Oct 2025 12:32	SY/MD	Ok,M
8	VIBLK	VY023390.D	07 Oct 2025 13:02	SY/MD	Ok
9	VSTDICV050	VY023391.D	07 Oct 2025 14:12	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 # VY102825

Review By	Amit Patel	Review On	10/29/2025 8:25:28 AM				
Supervise By	Mahesh Dadoda	Supervise On	10/29/2025 1:19:51 PM				
SubDirectory	VY102825	HP Acquire Method	MSVOA_Y	HP Processing Method	82y100725s.m		

STD. NAME	STD REF.#
Tune/Reschk	VP135957
Initial Calibration Stds	
CCC	VP135958,VP135959
Internal Standard/PEM	VP133934
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VY023597.D	28 Oct 2025 08:32	SY/MD	Ok
2	VSTDCCC050	VY023598.D	28 Oct 2025 09:02	SY/MD	Ok,M
3	VY1028SBL01	VY023599.D	28 Oct 2025 09:30	SY/MD	Ok
4	VY1028SBS01	VY023600.D	28 Oct 2025 10:01	SY/MD	Ok,M
5	VY1028SBSD01	VY023601.D	28 Oct 2025 10:24	SY/MD	Ok,M
6	Q3460-19	VY023602.D	28 Oct 2025 11:03	SY/MD	Ok
7	Q3474-02	VY023603.D	28 Oct 2025 11:26	SY/MD	Ok
8	Q3477-01	VY023604.D	28 Oct 2025 14:06	SY/MD	Ok
9	Q3476-01	VY023605.D	28 Oct 2025 14:30	SY/MD	Ok
10	Q3480-01	VY023606.D	28 Oct 2025 14:59	SY/MD	Ok
11	Q3481-01	VY023607.D	28 Oct 2025 15:22	SY/MD	Ok
12	VIBLK	VY023608.D	28 Oct 2025 15:46	SY/MD	Ok
13	VSTDCCC050	VY023609.D	28 Oct 2025 16:09	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 # VY100725

Review By	Semsettin Yesilyurt	Review On	10/10/2025 3:00:22 AM		
Supervise By	Mahesh Dadoda	Supervise On	10/10/2025 4:38:02 AM		
SubDirectory	VY100725	HP Acquire Method	MSVOA_Y	HP Processing Method	82y100725s.m

STD. NAME	STD REF.#
Tune/Reschk	VP135766
Initial Calibration Stds	VP135767,VP135768,VP135769,VP135770,VP135771,VP135772
CCC	
Internal Standard/PEM	VP133934
ICV/I.BLK	VP135773
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VY023383.D	07 Oct 2025 08:43		SY/MD	Ok
2	VSTDICC005	VSTDICC005	VY023384.D	07 Oct 2025 09:17		SY/MD	Ok,M
3	VSTDICC010	VSTDICC010	VY023385.D	07 Oct 2025 10:02		SY/MD	Ok,M
4	VSTDICC020	VSTDICC020	VY023386.D	07 Oct 2025 11:24		SY/MD	Ok,M
5	VSTDICCC050	VSTDICCC050	VY023387.D	07 Oct 2025 11:47		SY/MD	Ok,M
6	VSTDICC100	VSTDICC100	VY023388.D	07 Oct 2025 12:09		SY/MD	Ok,M
7	VSTDICC150	VSTDICC150	VY023389.D	07 Oct 2025 12:32		SY/MD	Ok,M
8	VIBLK	VIBLK	VY023390.D	07 Oct 2025 13:02		SY/MD	Ok
9	VSTDICV050	ICVVY100725	VY023391.D	07 Oct 2025 14:12		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 # VY102825

Review By	Amit Patel	Review On	10/29/2025 8:25:28 AM		
Supervise By	Mahesh Dadoda	Supervise On	10/29/2025 1:19:51 PM		
SubDirectory	VY102825	HP Acquire Method	MSVOA_Y	HP Processing Method	82y100725s.m

STD. NAME	STD REF.#
Tune/Reschk	VP135957
Initial Calibration Stds	
CCC	VP135958,VP135959
Internal Standard/PEM	VP133934
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VY023597.D	28 Oct 2025 08:32		SY/MD	Ok
2	VSTDCCC050	VSTDCCC050	VY023598.D	28 Oct 2025 09:02		SY/MD	Ok,M
3	VY1028SBL01	VY1028SBL01	VY023599.D	28 Oct 2025 09:30		SY/MD	Ok
4	VY1028SBS01	VY1028SBS01	VY023600.D	28 Oct 2025 10:01		SY/MD	Ok,M
5	VY1028SBSD01	VY1028SBSD01	VY023601.D	28 Oct 2025 10:24		SY/MD	Ok,M
6	Q3460-19	WC-5-VOC	VY023602.D	28 Oct 2025 11:03	vial-A	SY/MD	Ok
7	Q3474-02	VOC	VY023603.D	28 Oct 2025 11:26	vial-A	SY/MD	Ok
8	Q3477-01	SOUTH-MAHWAH-SOI	VY023604.D	28 Oct 2025 14:06	vial-A	SY/MD	Ok
9	Q3476-01	NB-07-102825	VY023605.D	28 Oct 2025 14:30	vial-A	SY/MD	Ok
10	Q3480-01	RT3449	VY023606.D	28 Oct 2025 14:59	vial-A	SY/MD	Ok
11	Q3481-01	OR-02-102825	VY023607.D	28 Oct 2025 15:22	vial-A	SY/MD	Ok
12	VIBLK	VIBLK	VY023608.D	28 Oct 2025 15:46		SY/MD	Ok
13	VSTDCCC050	VSTDCCC050EC	VY023609.D	28 Oct 2025 16:09		SY/MD	Ok,M

M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 10/28/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:40
In Date: 10/27/2025
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: 10/28/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB137661

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
Q3459-01	Y2404-0071-END-1-1	1	1.00	1.00	2.00	2.00	100.0	PILC
Q3459-02	Y2404-0071-END-1-2	2	1.00	1.00	2.00	2.00	100.0	PILC
Q3459-03	Y2404-0071-END-2-1	3	1.00	1.00	2.00	2.00	100.0	PILC
Q3459-04	Y2404-0071-END-2-2	4	1.00	1.00	2.00	2.00	100.0	PILC
Q3459-05	BC259240LOK-END-1-1	5	1.00	1.00	2.00	2.00	100.0	PILC
Q3459-06	BC259240LOK-END-1-2	6	1.00	1.00	2.00	2.00	100.0	PILC
Q3459-07	BC271327-END-1-1	7	1.00	1.00	2.00	2.00	100.0	PILC
Q3459-08	BC271327-END-1-2	8	1.00	1.00	2.00	2.00	100.0	PILC
Q3459-09	BC271327-END-2-1	9	1.00	1.00	2.00	2.00	100.0	PILC
Q3459-10	BC271327-END-2-2	10	1.00	1.00	2.00	2.00	100.0	PILC
Q3459-11	BC283118LOK-END-1-1	11	1.00	1.00	2.00	2.00	100.0	PILC
Q3459-12	BC283118LOK-END-1-2	12	1.00	1.00	2.00	2.00	100.0	PILC
Q3459-13	BC283118LOK-END-2-1	13	1.00	1.00	2.00	2.00	100.0	PILC
Q3459-14	BC283118LOK-END-2-2	14	1.00	1.00	2.00	2.00	100.0	PILC
Q3459-15	BC283118LOK-END-3-1	15	1.00	1.00	2.00	2.00	100.0	PILC
Q3459-16	BC283118LOK-END-3-2	16	1.00	1.00	2.00	2.00	100.0	PILC
Q3459-17	BC283118LOK-END-4-1	17	1.00	1.00	2.00	2.00	100.0	PILC
Q3459-18	BC283118LOK-END-4-2	18	1.00	1.00	2.00	2.00	100.0	PILC
Q3461-01	SS-9R(4.5-5.0)	19	1.18	10.38	11.56	10.34	88.2	
Q3461-02	SS-9R(5.0-5.5)	20	1.19	10.46	11.65	10.07	84.9	
Q3461-03	SS-25(4.5-5.0)	21	1.19	10.39	11.58	9.76	82.5	
Q3461-04	SS-25(5.0-5.5)	22	1.12	11.10	12.22	10.89	88.0	
Q3465-01	SU-03-10242025	23	1.16	10.29	11.45	10.74	93.1	
Q3465-02	SU-03-10242025-E2	24	1.18	10.49	11.67	10.23	86.3	
Q3466-01	B8-0.5-1.0-20251023	25	1.17	10.34	11.51	9.6	81.5	
Q3466-02	B8-0.0-1.0-20251023	26	1.16	10.36	11.52	10.00	85.3	
Q3466-04	B9-0.5-1.0-20251023	27	1.17	10.38	11.55	9.85	83.6	
Q3466-05	B9-0.0-1.0-20251023	28	1.18	10.42	11.6	9.85	83.2	

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 10/28/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:40
In Date: 10/27/2025
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: 10/28/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB137661

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
Q3466-06	B7-1.5-2.0-20251023	29	1.14	10.35	11.49	10.57	91.1	
Q3466-07	B7-1.0-2.0-20251023	30	1.16	10.65	11.81	10.66	89.2	
Q3469-01	TP-13	31	1.18	10.10	11.28	10.38	91.1	
Q3469-02	TP-13-EPH	32	1.12	11.10	12.22	10.21	81.9	
Q3469-03	TP-13-VOC	33	1.11	10.41	11.52	10.52	90.4	
Q3470-01	PILC-1	34	1.00	1.00	2.00	2.00	100.0	PILC
Q3470-02	PILC-2	35	1.00	1.00	2.00	2.00	100.0	PILC
Q3472-04	COMP-1	36	1.00	1.00	2.00	2.00	100.0	oily-debris
Q3472-06	COMP-2	37	1.00	1.00	2.00	2.00	100.0	oily-debris
Q3472-08	COMP-3	38	1.00	1.00	2.00	2.00	100.0	oily-debris
Q3472-10	COMP-4	39	1.00	1.00	2.00	2.00	100.0	oily-debris
Q3472-12	COMP-5	40	1.00	1.00	2.00	2.00	100.0	oily-debris
Q3472-14	155	41	1.00	1.00	2.00	2.00	100.0	debris
Q3472-16	142	42	1.00	1.00	2.00	2.00	100.0	oil sample
Q3472-18	137	43	1.00	1.00	2.00	2.00	100.0	oil sample
Q3474-01	WASTE	44	1.18	10.39	11.57	10.24	87.2	
Q3474-02	VOC	45	1.11	10.43	11.54	10.14	86.6	
Q3474-03	1	46	1.18	10.32	11.5	9.87	84.2	
Q3474-04	2	47	1.19	10.47	11.66	9.97	83.9	
Q3474-05	3	48	1.16	10.56	11.72	10.32	86.7	
Q3474-06	4	49	1.18	10.27	11.45	10.1	86.9	
Q3474-07	5	50	1.16	10.61	11.77	10.27	85.9	

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

WORKLIST(Hardcopy Internal Chain)

WR 13766

WorkList Name : %1-102725 **WorkList ID :** 192686 **Department :** Wet-Chemistry **Date :** 10-27-2025 08:17:32

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3459-01	Y2404-0071-END-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/24/2025	Chemtech -SO
Q3459-02	Y2404-0071-END-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/24/2025	Chemtech -SO
Q3459-03	Y2404-0071-END-2-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/24/2025	Chemtech -SO
Q3459-04	Y2404-0071-END-2-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/24/2025	Chemtech -SO
Q3459-05	BC259240LOK-END-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/24/2025	Chemtech -SO
Q3459-06	BC259240LOK-END-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/24/2025	Chemtech -SO
Q3459-07	BC271327-END-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/24/2025	Chemtech -SO
Q3459-08	BC271327-END-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/24/2025	Chemtech -SO
Q3459-09	BC271327-END-2-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/24/2025	Chemtech -SO
Q3459-10	BC271327-END-2-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/24/2025	Chemtech -SO
Q3459-11	BC283118LOK-END-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/24/2025	Chemtech -SO
Q3459-12	BC283118LOK-END-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/24/2025	Chemtech -SO
Q3459-13	BC283118LOK-END-2-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/24/2025	Chemtech -SO
Q3459-14	BC283118LOK-END-2-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/24/2025	Chemtech -SO
Q3459-15	BC283118LOK-END-3-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/24/2025	Chemtech -SO
Q3459-16	BC283118LOK-END-3-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/24/2025	Chemtech -SO
Q3459-17	BC283118LOK-END-4-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/24/2025	Chemtech -SO
Q3459-18	BC283118LOK-END-4-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/24/2025	Chemtech -SO
Q3461-01	SS-9R(4.5-5.0)	Solid	Percent Solids	Cool 4 deg C	MATR02	D41	10/24/2025	Chemtech -SO
Q3461-02	SS-9R(5.0-5.5)	Solid	Percent Solids	Cool 4 deg C	MATR02	D41	10/24/2025	Chemtech -SO
Q3461-03	SS-25(4.5-5.0)	Solid	Percent Solids	Cool 4 deg C	MATR02	D41	10/24/2025	Chemtech -SO

Date/Time 10/27/25 15:30

Raw Sample Received by: JB WQC

Raw Sample Relinquished by:

Date/Time 10/27/25 17:45

Raw Sample Received by:

Raw Sample Relinquished by: JB WQC

WORKLIST(Hardcopy Internal Chain)

WF137661

WorkList Name : %1-102725 **WorkList ID :** 192686 **Department :** Wet-Chemistry **Date :** 10-27-2025 08:17:32

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3461-04	SS-25(5.0-5.5)	Solid	Percent Solids	Cool 4 deg C	MATR02	D41	10/24/2025	Chemtech -SO
Q3465-01	SU-03-10242025	Solid	Percent Solids	Cool 4 deg C	PSEG05	D31	10/24/2025	Chemtech -SO
Q3465-02	SU-03-10242025-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	D31	10/24/2025	Chemtech -SO
Q3466-01	B8-0.5-1.0-20251023	Solid	Percent Solids	Cool 4 deg C	HDRI08	D41	10/23/2025	Chemtech -SO
Q3466-02	B8-0.0-1.0-20251023	Solid	Percent Solids	Cool 4 deg C	HDRI08	D41	10/23/2025	Chemtech -SO
Q3466-04	B9-0.5-1.0-20251023	Solid	Percent Solids	Cool 4 deg C	HDRI08	D41	10/23/2025	Chemtech -SO
Q3466-05	B9-0.0-1.0-20251023	Solid	Percent Solids	Cool 4 deg C	HDRI08	D41	10/23/2025	Chemtech -SO
Q3466-06	B7-1.5-2.0-20251023	Solid	Percent Solids	Cool 4 deg C	HDRI08	D41	10/23/2025	Chemtech -SO
Q3466-07	B7-1.0-2.0-20251023	Solid	Percent Solids	Cool 4 deg C	HDRI08	D41	10/23/2025	Chemtech -SO
Q3469-01	TP-13	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/25/2025	Chemtech -SO
Q3469-02	TP-13-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/25/2025	Chemtech -SO
Q3469-03	TP-13-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/25/2025	Chemtech -SO
Q3470-01	PILC-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/27/2025	Chemtech -SO
Q3470-02	PILC-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/27/2025	Chemtech -SO
Q3472-04	COMP-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/27/2025	Chemtech -SO
Q3472-06	COMP-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/27/2025	Chemtech -SO
Q3472-08	COMP-3	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/27/2025	Chemtech -SO
Q3472-10	COMP-4	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/27/2025	Chemtech -SO
Q3472-12	COMP-5	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/27/2025	Chemtech -SO
Q3472-14	155	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/27/2025	Chemtech -SO
Q3472-16	142	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/27/2025	Chemtech -SO

Date/Time 10/27/25 15:30

Raw Sample Received by: TB WDC

Raw Sample Relinquished by: CP Sm

Date/Time 10/27/25 17:45

Raw Sample Received by: CP Sm

Raw Sample Relinquished by: TB WDC

WORKLIST(Hardcopy Internal Chain)

UB 137661

WorkList Name : %1-102725 **WorkList ID :** 192686 **Department :** Wet-Chemistry **Date :** 10-27-2025 08:17:32

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3472-18	137	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/27/2025	Chemtech -SO
Q3474-01	WASTE	Solid	Percent Solids	Cool 4 deg C	SCIA01	J31	10/27/2025	Chemtech -SO
Q3474-02	VOC	Solid	Percent Solids	Cool 4 deg C	SCIA01	J31	10/27/2025	Chemtech -SO
Q3474-03	1	Solid	Percent Solids	Cool 4 deg C	SCIA01	J31	10/27/2025	Chemtech -SO
Q3474-04	2	Solid	Percent Solids	Cool 4 deg C	SCIA01	J31	10/27/2025	Chemtech -SO
Q3474-05	3	Solid	Percent Solids	Cool 4 deg C	SCIA01	J31	10/27/2025	Chemtech -SO
Q3474-06	4	Solid	Percent Solids	Cool 4 deg C	SCIA01	J31	10/27/2025	Chemtech -SO
Q3474-07	5	Solid	Percent Solids	Cool 4 deg C	SCIA01	J31	10/27/2025	Chemtech -SO

Date/Time 10/27/25 13:30

Raw Sample Received by: MC

Raw Sample Relinquished by:

Date/Time 10/27/25 17:45

Raw Sample Received by:

Raw Sample Relinquished by: MC

SHIPPING DOCUMENTS

Lynda Road

CHEMTECH
CHAIN OF CUSTODY RECORD

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

Chemtech Project Number: Maplewood

COC Number:

CLIENT INFORMATION

Report to be sent to:
COMPANY:
ADDRESS:
CITY: STATE: ZIP:
ATTENTION:
PHONE: FAX:

PROJECT INFORMATION

PROJECT NAME:
PROJECT #: LOCATION:
PROJECT MANAGER:
E-MAIL:
PHONE: FAX:

BILLING INFORMATION

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

DATA TURNAROUND INFORMATION

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

DATA DELIVERABLE INFORMATION

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

ANALYSIS

1 TPH_GC
2 VOC
3 EPH_F2
4
5
6
7
8
9

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# of Bottles	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
1.	WASTE				10.27.25	8:30	1	X									
2.	VOC					8:30	1		X								
3.	1					10:30	1			X							
4.	2					10:34	1			X							
5.	3					10	1			X							
6.	4					9:45	1			X							
7.	5					9:45	1			X							
8.																	
9.																	
10.																	

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

RELINQUISHED BY SAMPLER	DATE/TIME	RECEIVED BY
1.	10-27-25 1236	1. 1236 10-27-25
RELINQUISHED BY	DATE/TIME	RECEIVED BY
2.		2.
RELINQUISHED BY	DATE/TIME	RECEIVED FOR LAB BY
3.	10-27-25 1607	3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 2.2°C
Comments: 10/27/25

Page _____ of _____

CLIENT: ☐ Hand Delivered ☐ Other: _____
CHEMTECH: ☐ Picked Up

Shipment Complete ☐ YES ☐ NO

10/2018

WHITE - CHEMTECH COPY FOR RETURN TO CLIENT YELLOW - CHEMTECH 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

QA Control Code: A2070148

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3474 SCIA01
Client Name : Sciacca General Contractors
Client Contact : Rosanne Scirica
Invoice Name : Sciacca General Contractors
Invoice Contact : Rosanne Scirica

Order Date : 10/27/2025 1:27:00 PM
Project Name : 7 Rynda Road, Maplewood
Receive DateTime : 10/27/2025 4:07:00 PM
Purchase Order :

Project Mgr :
Report Type : Results Only
EDD Type : EXCEL NJCLEANUP
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3474-02	VOC	Solid	10/27/2025	08:15					
					VOC-TCLVOA-10		8260D		10 Bus. Days

Relinguished By :
Date / Time : 10-27-25

Received By :
Date / Time : 10/28/25 8:52

Storage Area : VOA Refridgerator Room