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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:	Q3725	**OrderDate:**	11/25/2025 4:38:51 PM
Client:	Roman E&G Corp	**Project:**	AQUA Woolwich Pump Station 22-531
Contact:	Sonny Puzzo	**Location:**	D41,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3725-04	**STOCKPILE-SAMPLES**	**SOIL**			**11/25/25**			**11/25/25**
			VOCGCMS NJ CleanGroup New	8260D			11/26/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3725

Client: Roman E&G Corp

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units

Client ID:

0

Total Voc :

Total Concentration:

QC SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Surrogate Summary

SDG No.: Q3725

Client: Roman E&G Corp

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q3725-04	STOCKPILE-SAMPLES	1,2-Dichloroethane-d4	50	56.8	114		70 (63)	130 (155)
		Dibromofluoromethane	50	53.5	107		70 (70)	130 (134)
		Toluene-d8	50	48.4	97		70 (74)	130 (123)
		4-Bromofluorobenzene	50	33.5	67	*	70 (52)	130 (138)
VY1126SBL01	VY1126SBL01	1,2-Dichloroethane-d4	50	58.9	118		70 (63)	130 (155)
		Dibromofluoromethane	50	53.8	108		70 (70)	130 (134)
		Toluene-d8	50	50.0	100		70 (74)	130 (123)
		4-Bromofluorobenzene	50	44.6	89		70 (52)	130 (138)
VY1126SBS01	VY1126SBS01	1,2-Dichloroethane-d4	50	50.3	101		70 (63)	130 (155)
		Dibromofluoromethane	50	49.0	98		70 (70)	130 (134)
		Toluene-d8	50	50.4	101		70 (74)	130 (123)
		4-Bromofluorobenzene	50	48.8	98		70 (52)	130 (138)
VY1126SBSD01	VY1126SBSD01	1,2-Dichloroethane-d4	50	51.1	102		70 (63)	130 (155)
		Dibromofluoromethane	50	50.5	101		70 (70)	130 (134)
		Toluene-d8	50	51.4	103		70 (74)	130 (123)
		4-Bromofluorobenzene	50	49.2	98		70 (52)	130 (138)

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3725 **Analytical Method:** SW8260D

Client: Roman E&G Corp **Datafile :** VY023818.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VY1126SBS01	Dichlorodifluoromethane	20	21.8	ug/Kg	109			40 (64)	160 (136)	
	Chloromethane	20	21.3	ug/Kg	106			40 (73)	160 (129)	
	Vinyl chloride	20	21.0	ug/Kg	105			70 (73)	130 (133)	
	Bromomethane	20	21.8	ug/Kg	109			40 (77)	160 (137)	
	Chloroethane	20	21.4	ug/Kg	107			40 (69)	160 (130)	
	Trichlorofluoromethane	20	21.1	ug/Kg	106			40 (69)	160 (134)	
	Tert butyl alcohol	100	100	ug/Kg	100			70 (24)	130 (175)	
	1,1-Dichloroethene	20	20.9	ug/Kg	104			70 (79)	130 (121)	
	Acrolein	100	110	ug/Kg	110			70 (54)	130 (141)	
	Acrylonitrile	100	100	ug/Kg	100			70 (68)	130 (136)	
	Acetone	100	110	ug/Kg	110			40 (60)	160 (174)	
	Carbon disulfide	20	21.3	ug/Kg	106			40 (73)	160 (125)	
	Methyl tert-butyl Ether	20	20.9	ug/Kg	104			70 (77)	130 (129)	
	Methyl Acetate	20	20.6	ug/Kg	103			70 (51)	130 (140)	
	Methylene Chloride	20	21.2	ug/Kg	106			70 (54)	130 (158)	
	trans-1,2-Dichloroethene	20	21.4	ug/Kg	107			70 (80)	130 (123)	
	1,1-Dichloroethane	20	21.1	ug/Kg	106			70 (82)	130 (123)	
	2-Butanone	100	110	ug/Kg	110			40 (69)	160 (131)	
	Carbon Tetrachloride	20	20.8	ug/Kg	104			70 (76)	130 (129)	
	cis-1,2-Dichloroethene	20	20.7	ug/Kg	104			70 (82)	130 (123)	
	Chloroform	20	20.6	ug/Kg	103			70 (82)	130 (125)	
	1,1,1-Trichloroethane	20	20.7	ug/Kg	104			70 (80)	130 (126)	
	Benzene	20	20.8	ug/Kg	104			70 (84)	130 (121)	
	1,2-Dichloroethane	20	21.4	ug/Kg	107			70 (81)	130 (126)	
	Trichloroethene	20	21.2	ug/Kg	106			70 (83)	130 (122)	
	1,2-Dichloropropane	20	20.9	ug/Kg	104			70 (83)	130 (122)	
	Bromodichloromethane	20	20.9	ug/Kg	104			70 (82)	130 (123)	
	Toluene	20	20.9	ug/Kg	104			70 (83)	130 (122)	
	t-1,3-Dichloropropene	20	20.8	ug/Kg	104			70 (78)	130 (124)	
	cis-1,3-Dichloropropene	20	20.7	ug/Kg	104			70 (81)	130 (122)	
	1,1,2-Trichloroethane	20	21.1	ug/Kg	106			70 (82)	130 (125)	
	Dibromochloromethane	20	20.6	ug/Kg	103			70 (79)	130 (125)	
	1,2-Dibromoethane	20	20.7	ug/Kg	104			70 (80)	130 (125)	
	Tetrachloroethene	20	21.8	ug/Kg	109			70 (83)	130 (125)	
	Chlorobenzene	20	20.8	ug/Kg	104			70 (84)	130 (122)	
	Ethyl Benzene	20	20.8	ug/Kg	104			70 (82)	130 (124)	
	m/p-Xylenes	40	41.5	ug/Kg	104			70 (83)	130 (124)	
	o-Xylene	20	20.7	ug/Kg	104			70 (83)	130 (123)	
	Styrene	20	20.9	ug/Kg	104			70 (82)	130 (124)	
	Bromoform	20	20.6	ug/Kg	103			70 (75)	130 (127)	
	1,1,2,2-Tetrachloroethane	20	20.3	ug/Kg	102			70 (77)	130 (127)	
	1,2,4-Trimethylbenzene	20	20.4	ug/Kg	102			70 (81)	130 (125)	
	1,3-Dichlorobenzene	20	20.4	ug/Kg	102			70 (83)	130 (122)	
	1,4-Dichlorobenzene	20	20.3	ug/Kg	102			70 (84)	130 (121)	
	1,2-Dichlorobenzene	20	20.3	ug/Kg	102			70 (83)	130 (124)	
	1,2-Dibromo-3-Chloropropane	20	20.4	ug/Kg	102			40 (66)	160 (134)	
	1,2,4-Trichlorobenzene	20	19.9	ug/Kg	100			70 (78)	130 (127)	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3725 **Analytical Method:** SW8260D

Client: Roman E&G Corp **Datafile :** VY023819.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VY1126SBSD01	Dichlorodifluoromethane	20	21.7	ug/Kg	109	0		40 (64)	160 (136)	30 (20)
	Chloromethane	20	21.2	ug/Kg	106	0		40 (73)	160 (129)	30 (15)
	Vinyl chloride	20	21.6	ug/Kg	108	3		70 (73)	130 (133)	30 (15)
	Bromomethane	20	20.9	ug/Kg	104	5		40 (77)	160 (137)	30 (15)
	Chloroethane	20	21.0	ug/Kg	105	2		40 (69)	160 (130)	30 (15)
	Trichlorofluoromethane	20	20.9	ug/Kg	104	2		40 (69)	160 (134)	30 (27)
	Tert butyl alcohol	100	93.9	ug/Kg	94	6		70 (24)	130 (175)	30 (20)
	1,1-Dichloroethene	20	21.3	ug/Kg	106	2		70 (79)	130 (121)	30 (16)
	Acrolein	100	96.1	ug/Kg	96	14		70 (54)	130 (141)	30 (20)
	Acrylonitrile	100	97.1	ug/Kg	97	3		70 (68)	130 (136)	30 (20)
	Acetone	100	110	ug/Kg	110	0		40 (60)	160 (174)	30 (28)
	Carbon disulfide	20	21.3	ug/Kg	106	0		40 (73)	160 (125)	30 (15)
	Methyl tert-butyl Ether	20	20.2	ug/Kg	101	3		70 (77)	130 (129)	30 (20)
	Methyl Acetate	20	18.7	ug/Kg	94	9		70 (51)	130 (140)	30 (30)
	Methylene Chloride	20	20.6	ug/Kg	103	3		70 (54)	130 (158)	30 (20)
	trans-1,2-Dichloroethene	20	20.8	ug/Kg	104	3		70 (80)	130 (123)	30 (15)
	1,1-Dichloroethane	20	21.1	ug/Kg	106	0		70 (82)	130 (123)	30 (15)
	2-Butanone	100	100	ug/Kg	100	10		40 (69)	160 (131)	30 (29)
	Carbon Tetrachloride	20	20.6	ug/Kg	103	1		70 (76)	130 (129)	30 (15)
	cis-1,2-Dichloroethene	20	20.6	ug/Kg	103	1		70 (82)	130 (123)	30 (15)
	Chloroform	20	20.9	ug/Kg	104	1		70 (82)	130 (125)	30 (15)
	1,1,1-Trichloroethane	20	20.8	ug/Kg	104	0		70 (80)	130 (126)	30 (15)
	Benzene	20	20.6	ug/Kg	103	1		70 (84)	130 (121)	30 (15)
	1,2-Dichloroethane	20	20.7	ug/Kg	104	3		70 (81)	130 (126)	30 (15)
	Trichloroethene	20	20.7	ug/Kg	104	2		70 (83)	130 (122)	30 (15)
	1,2-Dichloropropane	20	21.0	ug/Kg	105	1		70 (83)	130 (122)	30 (15)
	Bromodichloromethane	20	20.3	ug/Kg	102	2		70 (82)	130 (123)	30 (15)
	Toluene	20	20.9	ug/Kg	104	0		70 (83)	130 (122)	30 (15)
	t-1,3-Dichloropropene	20	19.8	ug/Kg	99	5		70 (78)	130 (124)	30 (15)
	cis-1,3-Dichloropropene	20	20.4	ug/Kg	102	2		70 (81)	130 (122)	30 (15)
	1,1,2-Trichloroethane	20	20.5	ug/Kg	103	3		70 (82)	130 (125)	30 (15)
	Dibromochloromethane	20	20.1	ug/Kg	101	2		70 (79)	130 (125)	30 (15)
	1,2-Dibromoethane	20	20.0	ug/Kg	100	4		70 (80)	130 (125)	30 (16)
	Tetrachloroethene	20	21.8	ug/Kg	109	0		70 (83)	130 (125)	30 (15)
	Chlorobenzene	20	21.0	ug/Kg	105	1		70 (84)	130 (122)	30 (15)
	Ethyl Benzene	20	21.2	ug/Kg	106	2		70 (82)	130 (124)	30 (15)
	m/p-Xylenes	40	42.6	ug/Kg	106	2		70 (83)	130 (124)	30 (15)
	o-Xylene	20	21.0	ug/Kg	105	1		70 (83)	130 (123)	30 (15)
	Styrene	20	21.2	ug/Kg	106	2		70 (82)	130 (124)	30 (15)
	Bromoform	20	20.2	ug/Kg	101	2		70 (75)	130 (127)	30 (16)
	1,1,2,2-Tetrachloroethane	20	19.8	ug/Kg	99	3		70 (77)	130 (127)	30 (21)
	1,2,4-Trimethylbenzene	20	20.9	ug/Kg	104	2		70 (81)	130 (125)	30 (20)
	1,3-Dichlorobenzene	20	20.7	ug/Kg	104	2		70 (83)	130 (122)	30 (15)
	1,4-Dichlorobenzene	20	20.5	ug/Kg	103	1		70 (84)	130 (121)	30 (15)
	1,2-Dichlorobenzene	20	20.7	ug/Kg	104	2		70 (83)	130 (124)	30 (15)
	1,2-Dibromo-3-Chloropropane	20	18.5	ug/Kg	93	9		40 (66)	160 (134)	30 (20)
	1,2,4-Trichlorobenzene	20	20.4	ug/Kg	102	2		70 (78)	130 (127)	30 (20)

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VOLATILE METHOD BLANK SUMMARY

Client ID: VY1126SBL01

Lab Name: Alliance | Contract: ROMA02

Lab Code: ACE | SDG NO.: Q3725

Lab File ID: VY023817.D | Lab Sample ID: VY1126SBL01

Date Analyzed: 11/26/2025 | Time Analyzed: 11:13

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
VY1126SBS01	VY1126SBS01	VY023818.D	11/26/2025
VY1126SBSD01	VY1126SBSD01	VY023819.D	11/26/2025
STOCKPILE-SAMPLES	Q3725-04	VY023825.D	11/26/2025

COMMENTS:

Raw Data: **VY023808.D**

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: ROMA02

Lab Code: ACE | SDG NO.: Q3725

Lab File ID: VY023808.D | BFB Injection Date: 11/26/2025

Instrument ID: MSVOA_Y | BFB Injection Time: 07:11

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

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	18.5
75	30.0 - 60.0% of mass 95	51.4
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.3
173	Less than 2.0% of mass 174	0.9 (1.1) 1
174	50.0 - 100.0% of mass 95	87.3
175	5.0 - 9.0% of mass 174	6.4 (7.4) 1
176	95.0 - 101.0% of mass 174	83.8 (96) 1
177	5.0 - 9.0% of mass 176	5.6 (6.6) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC005	VSTDICC005	VY023809.D	11/26/2025	08:04
VSTDICC010	VSTDICC010	VY023810.D	11/26/2025	08:27
VSTDICC020	VSTDICC020	VY023811.D	11/26/2025	08:49
VSTDICCC050	VSTDICCC050	VY023812.D	11/26/2025	09:17
VSTDICC100	VSTDICC100	VY023813.D	11/26/2025	09:39
VSTDICC150	VSTDICC150	VY023814.D	11/26/2025	10:02
VY1126SBL01	VY1126SBL01	VY023817.D	11/26/2025	11:13
VY1126SBS01	VY1126SBS01	VY023818.D	11/26/2025	11:47
VY1126SBSD01	VY1126SBSD01	VY023819.D	11/26/2025	12:09
STOCKPILE-SAMPLES	Q3725-04	VY023825.D	11/26/2025	14:31

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: ROMA02

Lab Code: ACE SDG NO.: Q3725

Lab File ID: VY023812.D Date Analyzed: 11/26/2025

Instrument ID: MSVOA_Y Time Analyzed: 09:17

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	569944	7.71	897275	8.62	788206	11.41
UPPER LIMIT	1139890	8.207	1794550	9.116	1576410	11.914
LOWER LIMIT	284972	7.207	448638	8.116	394103	10.914
EPA SAMPLE NO.						
STOCKPILE-SAMPLES	711387	7.71	1273779	8.62	920727	11.41
VY1126SBL01	798267	7.71	1469518	8.62	1241361	11.41
VY1126SBS01	585172	7.71	926752	8.62	802455	11.41
VY1126SBSD01	572632	7.71	914870	8.62	774262	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: ROMA02

Lab Code: ACE SDG NO.: Q3725

Lab File ID: VY023812.D Date Analyzed: 11/26/2025

Instrument ID: MSVOA_Y Time Analyzed: 09:17

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

	IS4 AREA #	RT #				
12 HOUR STD	403440	13.346				
UPPER LIMIT	806880	13.846				
LOWER LIMIT	201720	12.846				
EPA SAMPLE NO.						
STOCKPILE-SAMPLES	270468	13.35				
VY1126SBL01	501293	13.35				
VY1126SBS01	408679	13.35				
VY1126SBSD01	389759	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: **VY023825.D**

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Roman E&G Corp	Date Collected:	11/25/25
Project:	AQUA Woolwich Pump Station 22-531	Date Received:	11/25/25
Client Sample ID:	STOCKPILE-SAMPLES	SDG No.:	Q3725
Lab Sample ID:	Q3725-04	Matrix:	SOIL
Analytical Method:	8260D Level: LOW	% Solid:	83.4
Sample Wt/Vol:	5.84 g Final Vol: 5000 uL	Test:	VOCGCMS NJ CleanGroup N

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	1.20	U	1	1.20	5.10	ug/Kg	11/26/25 14:31	VY112625
74-87-3	Chloromethane	1.20	U	1	1.20	5.10	ug/Kg	11/26/25 14:31	VY112625
75-01-4	Vinyl Chloride	0.81	U	1	0.81	5.10	ug/Kg	11/26/25 14:31	VY112625
74-83-9	Bromomethane	1.10	U	1	1.10	5.10	ug/Kg	11/26/25 14:31	VY112625
75-00-3	Chloroethane	1.30	U	1	1.30	5.10	ug/Kg	11/26/25 14:31	VY112625
75-69-4	Trichlorofluoromethane	1.20	U	1	1.20	5.10	ug/Kg	11/26/25 14:31	VY112625
75-65-0	Tert butyl alcohol	14.1	U	1	14.1	25.7	ug/Kg	11/26/25 14:31	VY112625
75-35-4	1,1-Dichloroethene	1.00	U	1	1.00	5.10	ug/Kg	11/26/25 14:31	VY112625
107-02-8	Acrolein	9.00	U	1	9.00	25.7	ug/Kg	11/26/25 14:31	VY112625
107-13-1	Acrylonitrile	5.10	U	1	5.10	25.7	ug/Kg	11/26/25 14:31	VY112625
67-64-1	Acetone	4.90	U	1	4.90	25.7	ug/Kg	11/26/25 14:31	VY112625
75-15-0	Carbon Disulfide	1.10	U	1	1.10	5.10	ug/Kg	11/26/25 14:31	VY112625
1634-04-4	Methyl tert-butyl Ether	0.75	U	1	0.75	5.10	ug/Kg	11/26/25 14:31	VY112625
79-20-9	Methyl Acetate	1.60	U	1	1.60	5.10	ug/Kg	11/26/25 14:31	VY112625
75-09-2	Methylene Chloride	3.60	U	1	3.60	10.3	ug/Kg	11/26/25 14:31	VY112625
156-60-5	trans-1,2-Dichloroethene	0.88	U	1	0.88	5.10	ug/Kg	11/26/25 14:31	VY112625
75-34-3	1,1-Dichloroethane	0.82	U	1	0.82	5.10	ug/Kg	11/26/25 14:31	VY112625
78-93-3	2-Butanone	6.70	U	1	6.70	25.7	ug/Kg	11/26/25 14:31	VY112625
56-23-5	Carbon Tetrachloride	1.00	U	1	1.00	5.10	ug/Kg	11/26/25 14:31	VY112625
156-59-2	cis-1,2-Dichloroethene	0.77	U	1	0.77	5.10	ug/Kg	11/26/25 14:31	VY112625
67-66-3	Chloroform	0.86	U	1	0.86	5.10	ug/Kg	11/26/25 14:31	VY112625
71-55-6	1,1,1-Trichloroethane	0.95	U	1	0.95	5.10	ug/Kg	11/26/25 14:31	VY112625
71-43-2	Benzene	0.81	U	1	0.81	5.10	ug/Kg	11/26/25 14:31	VY112625
107-06-2	1,2-Dichloroethane	0.81	U	1	0.81	5.10	ug/Kg	11/26/25 14:31	VY112625
79-01-6	Trichloroethene	0.83	U	1	0.83	5.10	ug/Kg	11/26/25 14:31	VY112625
78-87-5	1,2-Dichloropropane	0.93	U	1	0.93	5.10	ug/Kg	11/26/25 14:31	VY112625
75-27-4	Bromodichloromethane	0.80	U	1	0.80	5.10	ug/Kg	11/26/25 14:31	VY112625
108-88-3	Toluene	0.80	U	1	0.80	5.10	ug/Kg	11/26/25 14:31	VY112625
10061-02-6	t-1,3-Dichloropropene	0.67	U	1	0.67	5.10	ug/Kg	11/26/25 14:31	VY112625
10061-01-5	cis-1,3-Dichloropropene	0.64	U	1	0.64	5.10	ug/Kg	11/26/25 14:31	VY112625
79-00-5	1,1,2-Trichloroethane	0.94	U	1	0.94	5.10	ug/Kg	11/26/25 14:31	VY112625
124-48-1	Dibromochloromethane	0.89	U	1	0.89	5.10	ug/Kg	11/26/25 14:31	VY112625
106-93-4	1,2-Dibromoethane	0.90	U	1	0.90	5.10	ug/Kg	11/26/25 14:31	VY112625
127-18-4	Tetrachloroethene	1.10	U	1	1.10	5.10	ug/Kg	11/26/25 14:31	VY112625
108-90-7	Chlorobenzene	0.93	U	1	0.93	5.10	ug/Kg	11/26/25 14:31	VY112625
100-41-4	Ethyl Benzene	0.69	U	1	0.69	5.10	ug/Kg	11/26/25 14:31	VY112625
179601-23-1	m/p-Xylenes	1.30	U	1	1.30	10.3	ug/Kg	11/26/25 14:31	VY112625
1330-20-7	Total Xylenes	2.14	U	1	2.14	15.4	ug/Kg	11/26/25 14:31	VY112625
95-47-6	o-Xylene	0.84	U	1	0.84	5.10	ug/Kg	11/26/25 14:31	VY112625
100-42-5	Styrene	0.73	U	1	0.73	5.10	ug/Kg	11/26/25 14:31	VY112625
75-25-2	Bromoform	0.88	U	1	0.88	5.10	ug/Kg	11/26/25 14:31	VY112625
79-34-5	1,1,2,2-Tetrachloroethane	1.20	U	1	1.20	5.10	ug/Kg	11/26/25 14:31	VY112625
95-63-6	1,2,4-Trimethylbenzene	0.66	U	1	0.66	5.10	ug/Kg	11/26/25 14:31	VY112625

Raw Data: **VY023825.D**

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

Report of Analysis

Client:	Roman E&G Corp	Date Collected:	11/25/25
Project:	AQUA Woolwich Pump Station 22-531	Date Received:	11/25/25
Client Sample ID:	STOCKPILE-SAMPLES	SDG No.:	Q3725
Lab Sample ID:	Q3725-04	Matrix:	SOIL
Analytical Method:	8260D Level: LOW	% Solid:	83.4
Sample Wt/Vol:	5.84 g Final Vol: 5000 uL	Test:	VOCGCMS NJ CleanGroup N

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
541-73-1	1,3-Dichlorobenzene	1.80	U	1	1.80	5.10	ug/Kg	11/26/25 14:31	VY112625
106-46-7	1,4-Dichlorobenzene	1.60	U	1	1.60	5.10	ug/Kg	11/26/25 14:31	VY112625
95-50-1	1,2-Dichlorobenzene	1.50	U	1	1.50	5.10	ug/Kg	11/26/25 14:31	VY112625
96-12-8	1,2-Dibromo-3-Chloropropane	1.90	U	1	1.90	5.10	ug/Kg	11/26/25 14:31	VY112625
120-82-1	1,2,4-Trichlorobenzene	3.00	U	1	3.00	5.10	ug/Kg	11/26/25 14:31	VY112625
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	56.8			70 (63) - 130 (155)	114%	SPK: 50		
1868-53-7	Dibromofluoromethane	53.5			70 (70) - 130 (134)	107%	SPK: 50		
2037-26-5	Toluene-d8	48.4			70 (74) - 130 (123)	97%	SPK: 50		
460-00-4	4-Bromofluorobenzene	33.5	*		70 (52) - 130 (138)	67%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	711000							
540-36-3	1,4-Difluorobenzene	1270000							
3114-55-4	Chlorobenzene-d5	921000							
3855-82-1	1,4-Dichlorobenzene-d4	270000							

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

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

Sample Results: **VY023825.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112625\
Data File : VY023825.D
Acq On : 26 Nov 2025 14:31
Operator : SY/MD
Sample : Q3725-04
Misc : 5.84g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
STOCKPILE-SAMPLES

Quant Time: Nov 27 01:22:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112625S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 27 01:14:36 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	711387	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	1273779	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	920727	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	270468	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	393390	56.784	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.560%			
35) Dibromofluoromethane	7.634	113	404010	53.542	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.080%			
50) Toluene-d8	10.109	98	1449882	48.375	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 96.760%			
62) 4-Bromofluorobenzene	12.401	95	330728	33.537	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 67.080%			

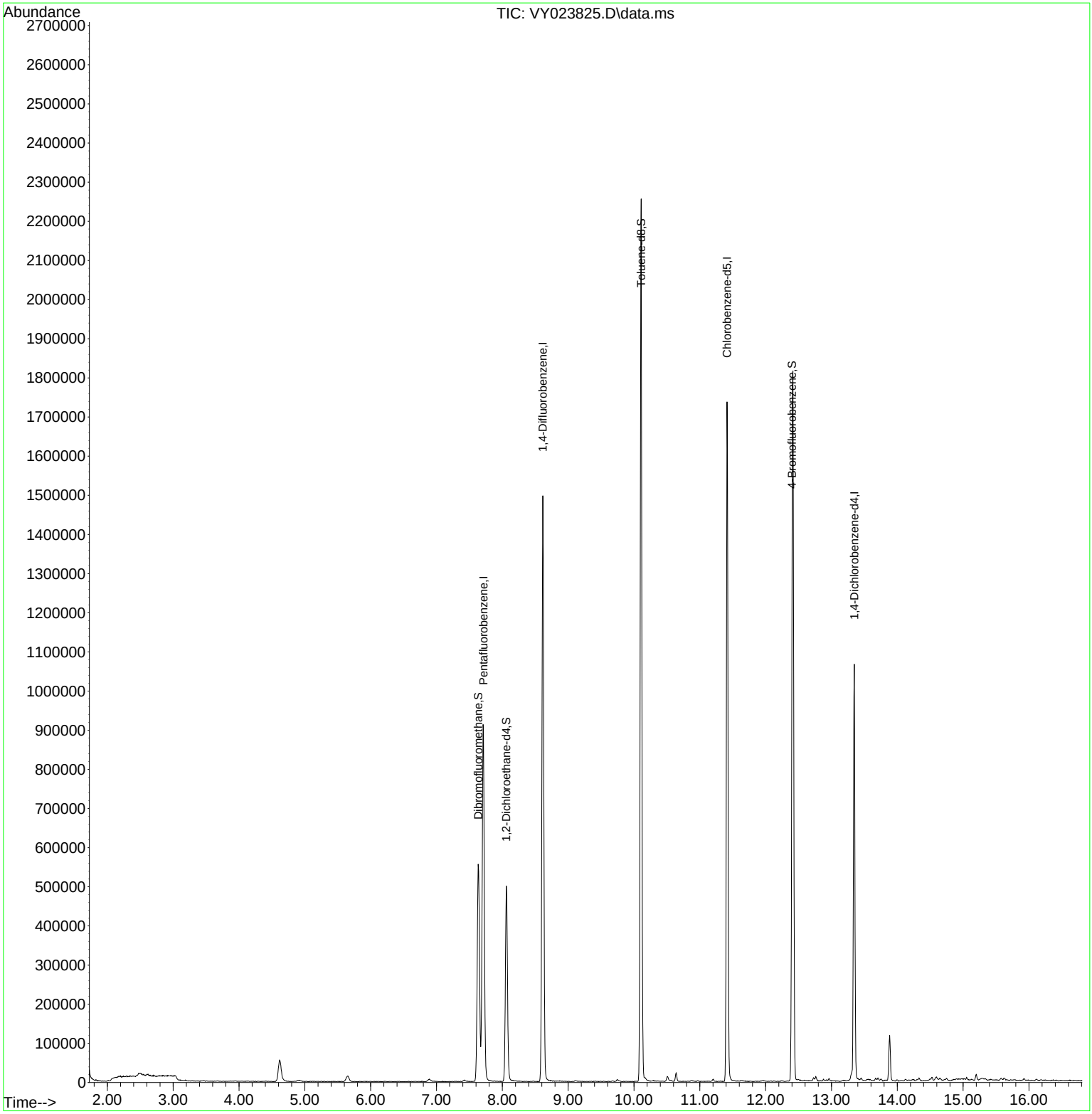
Target Compounds Qvalue

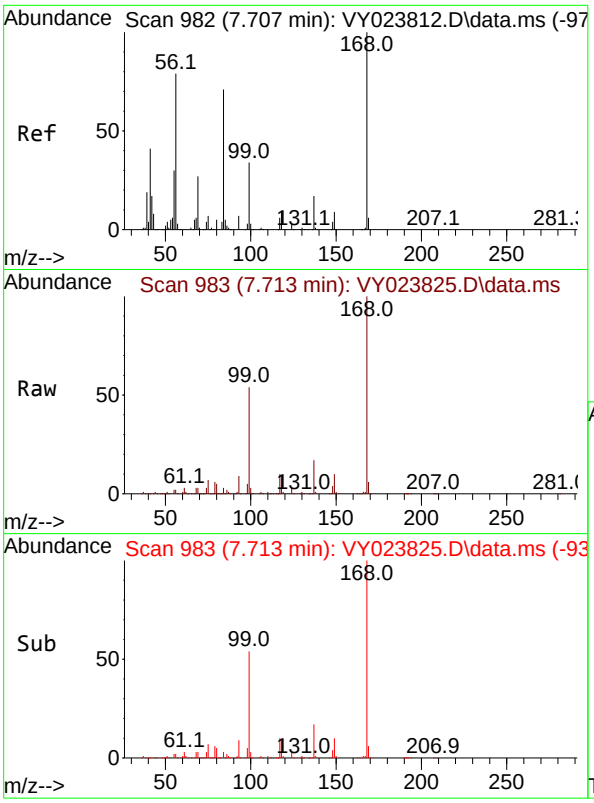
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112625\
Data File : VY023825.D
Acq On : 26 Nov 2025 14:31
Operator : SY/MD
Sample : Q3725-04
Misc : 5.84g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
STOCKPILE-SAMPLES

Quant Time: Nov 27 01:22:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112625S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 27 01:14:36 2025
Response via : Initial Calibration



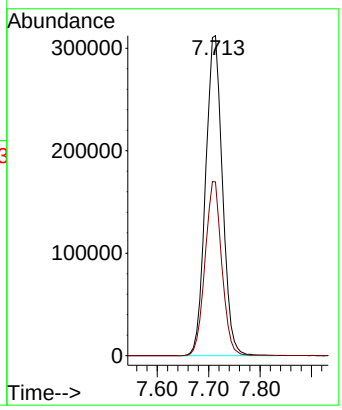


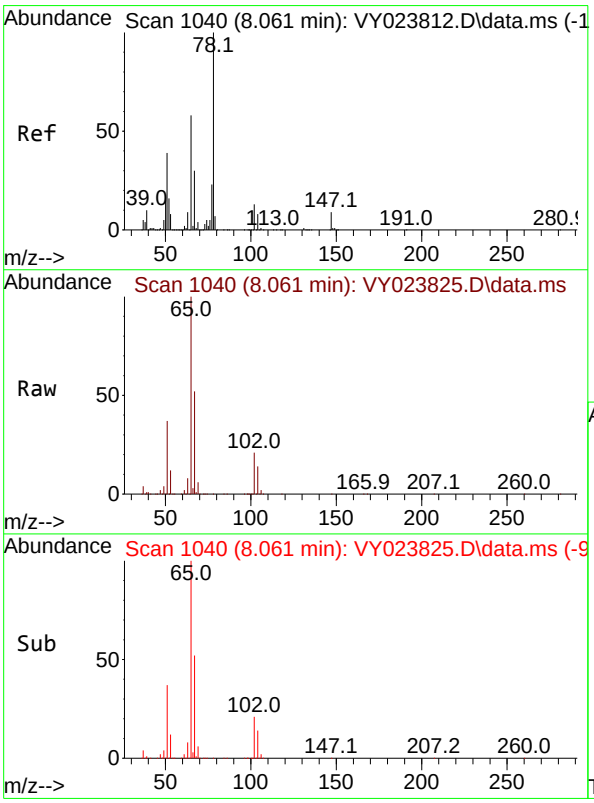
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY023825.D
Acq: 26 Nov 2025 14:31

Instrument :
MSVOA_Y
ClientSampleId :
STOCKPILE-SAMPLES

Tgt Ion:168 Resp: 711387

Ion	Ratio	Lower	Upper
168	100		
99	54.3	44.0	66.0

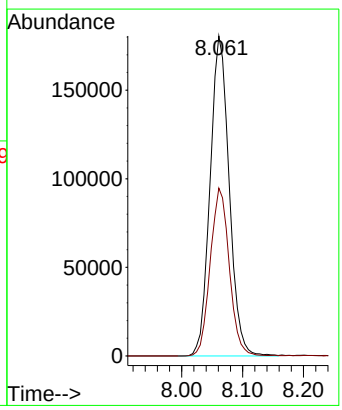


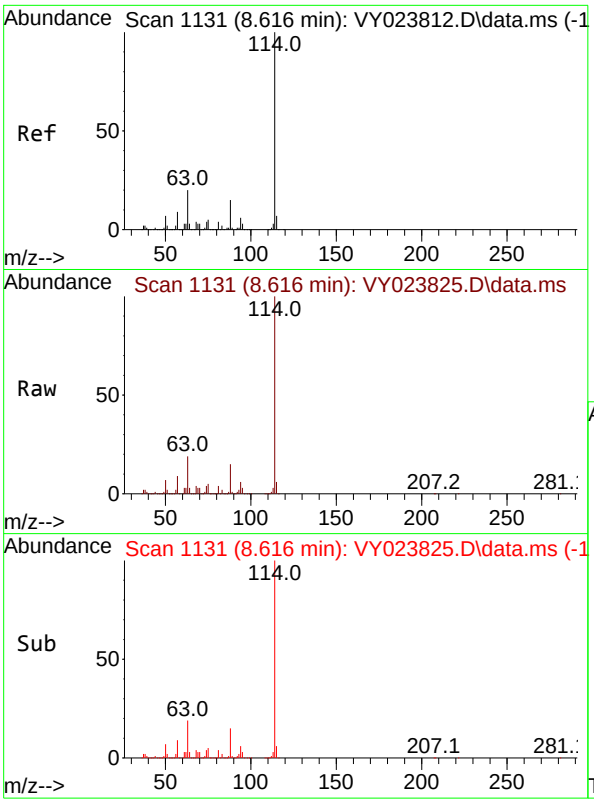


#33
1,2-Dichloroethane-d4
Concen: 56.784 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY023825.D
Acq: 26 Nov 2025 14:31

Tgt Ion: 65 Resp: 393390

Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	107.4



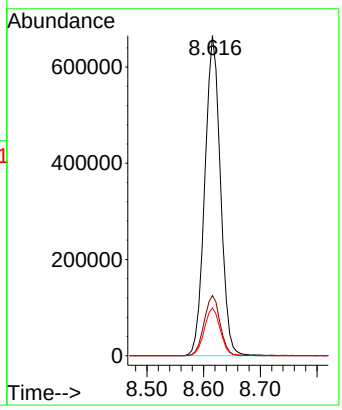


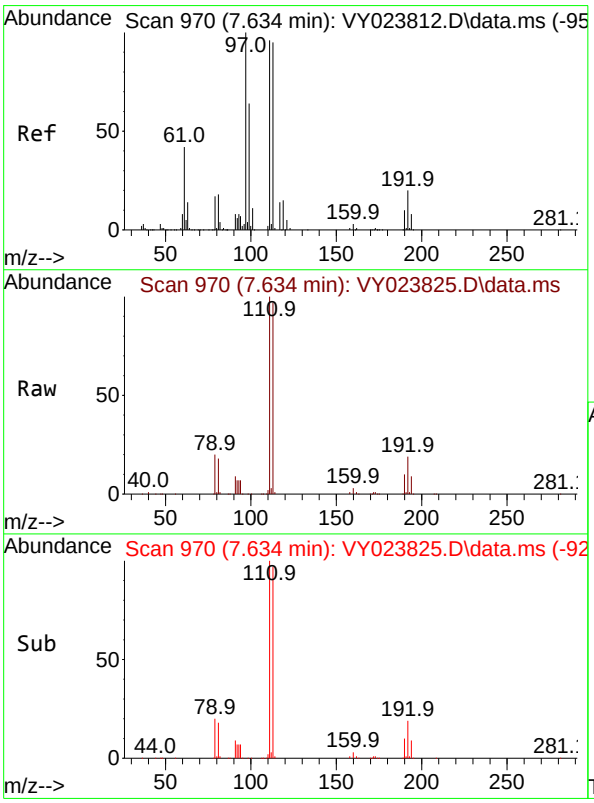
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023825.D
Acq: 26 Nov 2025 14:31

Instrument :
MSVOA_Y
ClientSampleId :
STOCKPILE-SAMPLES

Tgt Ion:114 Resp: 1273779

Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	39.4
88	14.9	0.0	30.8

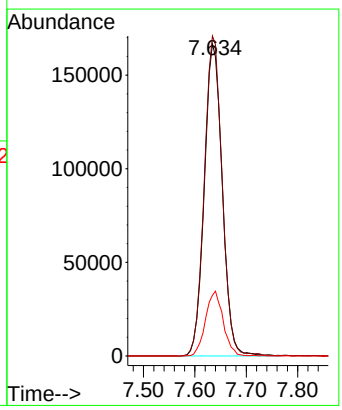


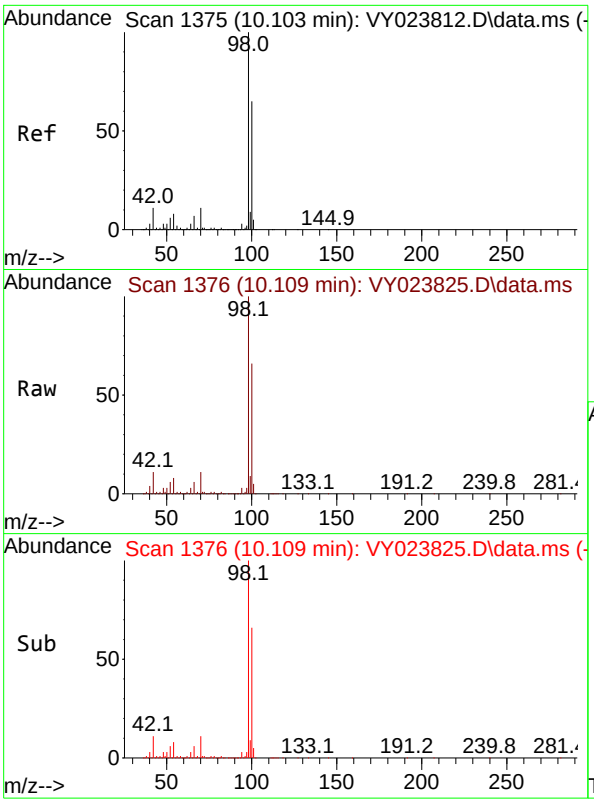


#35
Dibromofluoromethane
Concen: 53.542 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY023825.D
Acq: 26 Nov 2025 14:31

Tgt Ion:113 Resp: 404010

Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.4	122.0
192	20.4	15.8	23.8



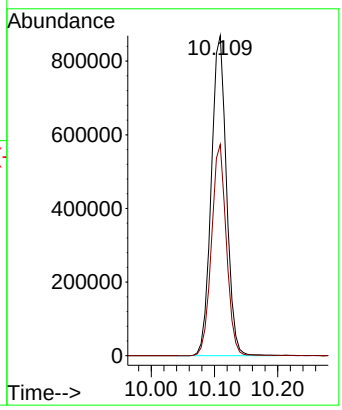


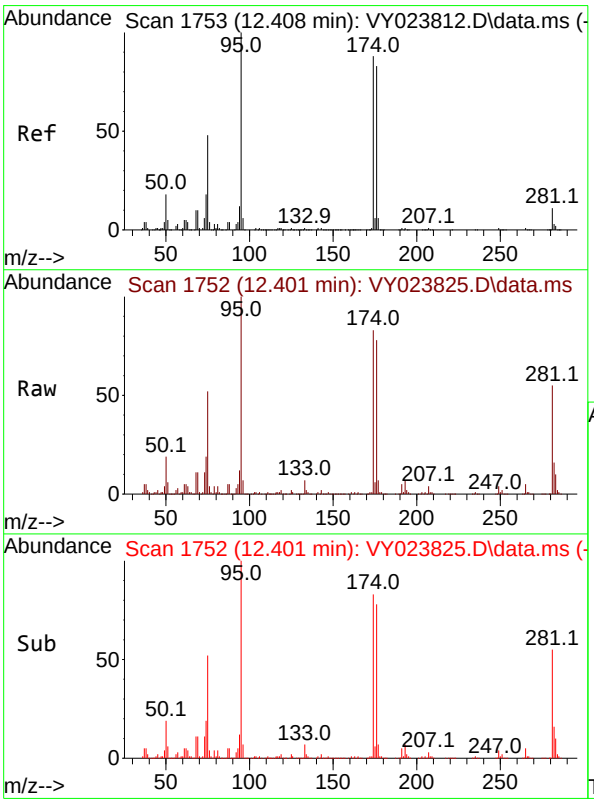
#50
Toluene-d8
Concen: 48.375 ug/l
RT: 10.109 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023825.D
Acq: 26 Nov 2025 14:31

Instrument :
MSVOA_Y
ClientSampleId :
STOCKPILE-SAMPLES

Tgt Ion: 98 Resp: 1449882

Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.9	77.9

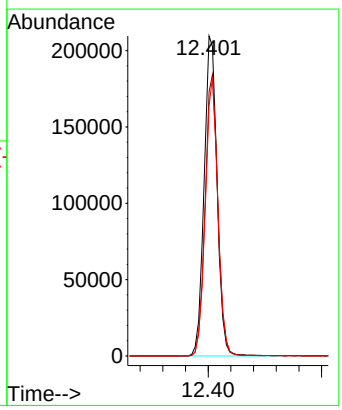


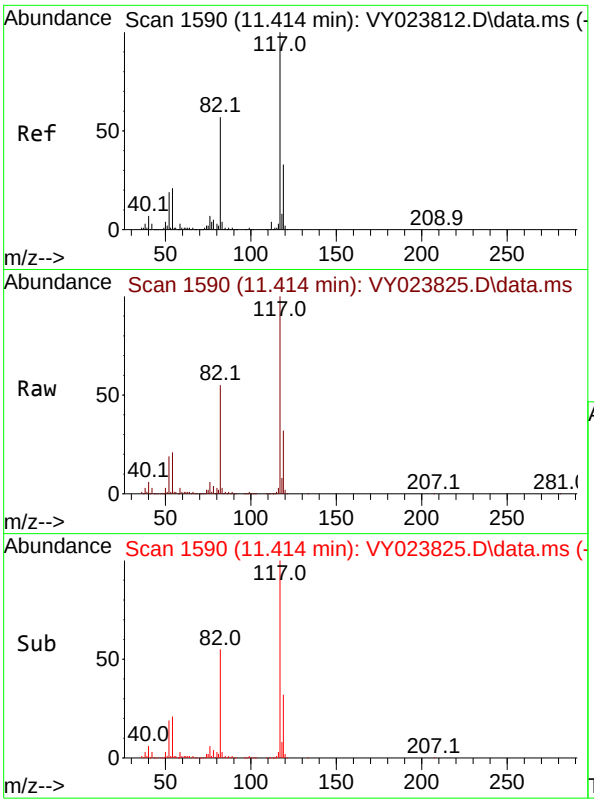


#62
4-Bromofluorobenzene
Concen: 33.537 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY023825.D
Acq: 26 Nov 2025 14:31

Tgt Ion: 95 Resp: 330728

Ion	Ratio	Lower	Upper
95	100		
174	87.0	0.0	168.6
176	84.3	0.0	164.6



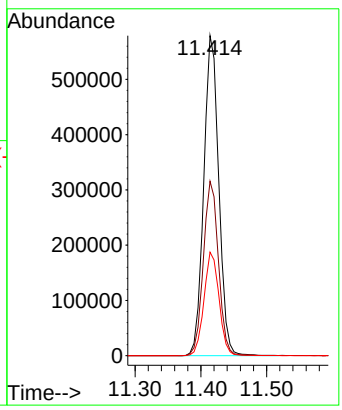


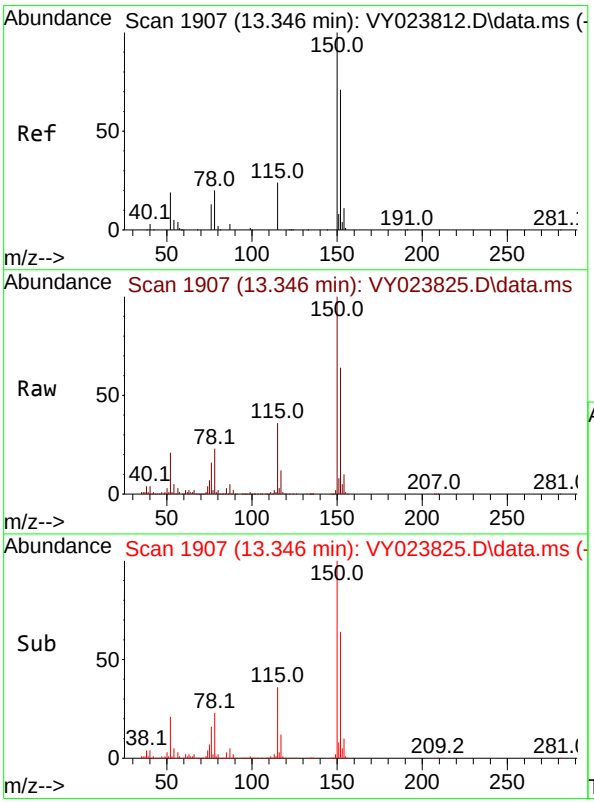
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023825.D
Acq: 26 Nov 2025 14:31

Instrument :
MSVOA_Y
ClientSampleId :
STOCKPILE-SAMPLES

Tgt Ion:117 Resp: 920727

Ion	Ratio	Lower	Upper
117	100		
82	54.5	45.4	68.0
119	32.4	26.0	39.0

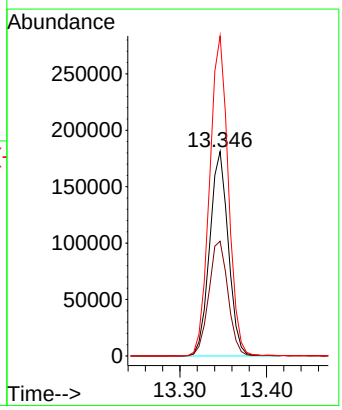




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY023825.D
Acq: 26 Nov 2025 14:31

Tgt Ion:152 Resp: 270468

Ion	Ratio	Lower	Upper
152	100		
115	58.3	28.7	86.3
150	157.5	0.0	345.6



CALIBRATION SUMMARY

Raw Data

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: ROMA02

Lab Code: ACE SDG No.: Q3725

Instrument ID: MSVOA_Y Calibration Date(s): 11/26/2025 11/26/2025

Heated Purge: (Y/N) Y Calibration Time(s): 08:04 10:02

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

LAB FILE ID: RRF005 = VY023809.D RRF010 = VY023810.D RRF020 = VY023811.D
RRF050 = VY023812.D RRF100 = VY023813.D RRF150 = VY023814.D

COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.422	0.412	0.414	0.340	0.339	0.334	0.377	11.4
Chloromethane	0.640	0.632	0.607	0.531	0.532	0.515	0.576	9.8
Vinyl Chloride	0.662	0.655	0.640	0.604	0.602	0.580	0.624	5.3
Bromomethane	0.543	0.480	0.439	0.386	0.402	0.390	0.440	14
Chloroethane	0.437	0.420	0.420	0.395	0.394	0.372	0.406	5.8
Trichlorofluoromethane	0.906	0.865	0.874	0.815	0.805	0.793	0.843	5.3
Tert butyl alcohol	0.053	0.040	0.037	0.034	0.041	0.035	0.040	17.7
1,1-Dichloroethene	0.508	0.487	0.491	0.471	0.476	0.471	0.484	3
Acrolein	0.060	0.053	0.056	0.056	0.060	0.059	0.057	5
Acrylonitrile	0.109	0.106	0.111	0.115	0.128	0.118	0.115	6.9
Acetone	0.148	0.138	0.137	0.135	0.150	0.133	0.140	5.1
Carbon Disulfide	1.644	1.610	1.618	1.519	1.521	1.461	1.562	4.6
Methyl tert-butyl Ether	1.182	1.158	1.200	1.242	1.355	1.287	1.237	6
Methyl Acetate	0.273	0.264	0.262	0.257	0.299	0.270	0.271	5.5
Methylene Chloride	0.755	0.662	0.582	0.530	0.530	0.500	0.593	16.5
trans-1,2-Dichloroethene	0.553	0.537	0.543	0.526	0.539	0.518	0.536	2.3
1,1-Dichloroethane	1.012	0.982	0.989	0.955	0.968	0.947	0.976	2.4
2-Butanone	0.169	0.163	0.163	0.169	0.192	0.171	0.171	6.4
Carbon Tetrachloride	0.514	0.490	0.502	0.494	0.507	0.483	0.498	2.3
cis-1,2-Dichloroethene	0.636	0.620	0.623	0.611	0.632	0.613	0.622	1.6
Chloroform	1.025	0.991	0.996	0.961	0.969	0.943	0.981	3
1,1,1-Trichloroethane	0.893	0.885	0.882	0.851	0.869	0.844	0.871	2.3
Benzene	1.415	1.388	1.434	1.383	1.410	1.355	1.398	2
1,2-Dichloroethane	0.365	0.354	0.358	0.359	0.372	0.354	0.360	2
Trichloroethene	0.366	0.347	0.371	0.355	0.362	0.350	0.359	2.6
1,2-Dichloropropane	0.324	0.325	0.336	0.329	0.339	0.324	0.330	2
Bromodichloromethane	0.468	0.460	0.468	0.463	0.484	0.460	0.467	1.9
Toluene	0.818	0.831	0.883	0.892	0.908	0.866	0.866	4.1
t-1,3-Dichloropropene	0.399	0.394	0.415	0.438	0.473	0.450	0.428	7.2
cis-1,3-Dichloropropene	0.488	0.489	0.509	0.516	0.548	0.526	0.512	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: ROMA02

Lab Code: ACE SDG No.: Q3725

Instrument ID: MSVOA_Y Calibration Date(s): 11/26/2025 11/26/2025

Heated Purge: (Y/N) Y Calibration Time(s): 08:04 10:02

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

LAB FILE ID: RRF005 = VY023809.D RRF010 = VY023810.D RRF020 = VY023811.D
RRF050 = VY023812.D RRF100 = VY023813.D RRF150 = VY023814.D

COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
1,1,2-Trichloroethane	0.233	0.230	0.235	0.242	0.257	0.240	0.240	4
Dibromochloromethane	0.305	0.308	0.321	0.322	0.347	0.326	0.321	4.7
1,2-Dibromoethane	0.218	0.207	0.219	0.220	0.243	0.226	0.222	5.4
Tetrachloroethene	0.525	0.455	0.510	0.470	0.442	0.445	0.474	7.4
Chlorobenzene	1.100	1.091	1.118	1.093	1.109	1.074	1.098	1.4
Ethyl Benzene	1.779	1.789	1.887	1.918	1.967	1.907	1.875	4
m/p-Xylenes	0.676	0.695	0.739	0.743	0.754	0.728	0.722	4.2
o-Xylene	0.633	0.643	0.679	0.690	0.724	0.695	0.677	5
Styrene	0.995	1.047	1.117	1.162	1.210	1.163	1.116	7.2
Bromoform	0.214	0.209	0.209	0.216	0.237	0.221	0.217	4.9
1,1,2,2-Tetrachloroethane	0.580	0.573	0.524	0.576	0.654	0.599	0.584	7.2
1,2,4-Trimethylbenzene	2.707	2.817	2.933	2.962	3.046	2.905	2.895	4.1
1,3-Dichlorobenzene	1.696	1.674	1.670	1.654	1.698	1.645	1.673	1.3
1,4-Dichlorobenzene	1.798	1.678	1.645	1.635	1.662	1.601	1.670	4.1
1,2-Dichlorobenzene	1.489	1.439	1.456	1.460	1.501	1.431	1.463	1.9
1,2-Dibromo-3-Chloropropane	0.104	0.094	0.085	0.095	0.110	0.100	0.098	8.7
1,2,4-Trichlorobenzene	0.855	0.777	0.835	0.877	0.949	0.940	0.872	7.5
1,2-Dichloroethane-d4	0.508	0.478	0.483	0.492	0.486	0.475	0.487	2.5
Dibromofluoromethane	0.299	0.285	0.297	0.303	0.299	0.295	0.296	2.1
Toluene-d8	1.161	1.125	1.183	1.212	1.209	1.170	1.176	2.8
4-Bromofluorobenzene	0.388	0.362	0.381	0.395	0.406	0.390	0.387	3.8

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

Response Factor Report GCVOA_Y

Method Path : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\
Method File : 82Y112625S.M
Title : SW846 8260
Last Update : Thu Nov 27 01:14:36 2025
Response Via : Initial Calibration

Calibration Files
5 =VY023809.D 10 =VY023810.D 20 =VY023811.D 50 =VY023812.D 100 =VY023813.D 150 =VY023814.D

		Compound	5	10	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.422	0.412	0.414	0.340	0.339	0.334	0.377	11.45
3)	P	Chloromethane	0.640	0.632	0.607	0.531	0.532	0.515	0.576	9.78
4)	C	Vinyl Chloride	0.662	0.655	0.640	0.604	0.602	0.580	0.624	5.32#
5)	T	Bromomethane	0.543	0.480	0.439	0.386	0.402	0.390	0.440	14.04
6)	T	Chloroethane	0.437	0.420	0.420	0.395	0.394	0.372	0.406	5.78
7)	T	Trichlorofluor...	0.906	0.865	0.874	0.815	0.805	0.793	0.843	5.34
8)	T	Diethyl Ether	0.276	0.250	0.264	0.261	0.275	0.267	0.266	3.53
9)	T	1,1,2-Trichlor...	0.537	0.509	0.501	0.473	0.477	0.455	0.492	6.01
10)	T	Methyl Iodide	0.481	0.512	0.534	0.582	0.585	0.541	0.539	7.45
11)	T	Tert butyl alc...	0.053	0.040	0.037	0.034	0.041	0.035	0.040	17.70
12)	CM	1,1-Dichloroet...	0.508	0.487	0.491	0.471	0.476	0.471	0.484	2.99#
13)	T	Acrolein	0.060	0.053	0.056	0.056	0.060	0.059	0.057	4.95
14)	T	Allyl chloride	0.757	0.732	0.778	0.768	0.793	0.773	0.767	2.73
15)	T	Acrylonitrile	0.109	0.106	0.111	0.115	0.128	0.118	0.115	6.88
16)	T	Acetone	0.148	0.138	0.137	0.135	0.150	0.133	0.140	5.11
17)	T	Carbon Disulfide	1.644	1.610	1.618	1.519	1.521	1.461	1.562	4.61
18)	T	Methyl Acetate	0.273	0.264	0.262	0.257	0.299	0.270	0.271	5.52
19)	T	Methyl tert-bu...	1.182	1.158	1.200	1.242	1.355	1.287	1.237	5.95
20)	T	Methylene Chlo...	0.755	0.662	0.582	0.530	0.530	0.500	0.593	16.49
21)	T	trans-1,2-Dich...	0.553	0.537	0.543	0.526	0.539	0.518	0.536	2.29
22)	T	Diisopropyl ether	1.573	1.622	1.710	1.688	1.725	1.631	1.658	3.55
23)	T	Vinyl Acetate	0.839	0.849	0.907	0.959	1.028	0.951	0.922	7.83
24)	P	1,1-Dichloroet...	1.012	0.982	0.989	0.955	0.968	0.947	0.976	2.44
25)	T	2-Butanone	0.169	0.163	0.163	0.169	0.192	0.171	0.171	6.36
26)	T	2,2-Dichloropr...	0.936	0.888	0.857	0.838	0.850	0.819	0.865	4.83
27)	T	cis-1,2-Dichlo...	0.636	0.620	0.623	0.611	0.632	0.613	0.622	1.59
28)	T	Bromochloromet...	0.437	0.400	0.405	0.399	0.408	0.386	0.406	4.17
29)	T	Tetrahydrofuran	0.090	0.085	0.090	0.098	0.112	0.099	0.095	10.05
30)	C	Chloroform	1.025	0.991	0.996	0.961	0.969	0.943	0.981	2.97#
31)	T	Cyclohexane	1.060	0.953	0.937	0.896	0.903	0.867	0.936	7.24
32)	T	1,1,1-Trichlor...	0.893	0.885	0.882	0.851	0.869	0.844	0.871	2.28
33)	S	1,2-Dichloroet...	0.508	0.478	0.483	0.492	0.486	0.475	0.487	2.47
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...	0.299	0.285	0.297	0.303	0.299	0.295	0.296	2.12
36)	T	1,1-Dichloropr...	0.455	0.446	0.462	0.451	0.466	0.444	0.454	1.90
37)	T	Ethyl Acetate	0.209	0.185	0.210	0.217	0.243	0.218	0.214	8.68
38)	T	Carbon Tetrach...	0.514	0.490	0.502	0.494	0.507	0.483	0.498	2.30
39)	T	Methylcyclohexane	0.598	0.572	0.591	0.604	0.631	0.603	0.600	3.22
40)	TM	Benzene	1.415	1.388	1.434	1.383	1.410	1.355	1.398	2.00
41)	T	Methacrylonitrile	0.112	0.090	0.109	0.104	0.115	0.109	0.107	8.32
42)	TM	1,2-Dichloroet...	0.365	0.354	0.358	0.359	0.372	0.354	0.360	1.97
43)	T	Isopropyl Acetate	0.373	0.354	0.374	0.407	0.465	0.421	0.399	10.15
44)	TM	Trichloroethene	0.366	0.347	0.371	0.355	0.362	0.350	0.359	2.63
45)	C	1,2-Dichloropr...	0.324	0.325	0.336	0.329	0.339	0.324	0.330	1.99#
46)	T	Dibromomethane	0.176	0.169	0.182	0.178	0.190	0.178	0.179	3.87
47)	T	Bromodichlorom...	0.468	0.460	0.468	0.463	0.484	0.460	0.467	1.89
48)	T	Methyl methacr...	0.154	0.163	0.179	0.199	0.224	0.208	0.188	14.38
49)	T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.002	0.002	0.002	11.97
50)	S	Toluene-d8	1.161	1.125	1.183	1.212	1.209	1.170	1.176	2.76
51)	T	4-Methyl-2-Pen...	0.183	0.185	0.199	0.219	0.252	0.223	0.210	12.64
52)	CM	Toluene	0.818	0.831	0.883	0.892	0.908	0.866	0.866	4.11#
53)	T	t-1,3-Dichloro...	0.399	0.394	0.415	0.438	0.473	0.450	0.428	7.24
54)	T	cis-1,3-Dichlo...	0.488	0.489	0.509	0.516	0.548	0.526	0.512	4.47
55)	T	1,1,2-Trichlor...	0.233	0.230	0.235	0.242	0.257	0.240	0.240	4.00
56)	T	Ethyl methacry...	0.246	0.264	0.289	0.335	0.389	0.363	0.314	18.10

Method Path : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\
Method File : 82Y112625S.M

57)	T	1,3-Dichloropr...	0.410	0.388	0.411	0.422	0.453	0.423	0.418	5.13
58)	T	2-Chloroethyl ...	0.126	0.125	0.143	0.157	0.182	0.173	0.151	15.83
59)	T	2-Hexanone	0.131	0.135	0.147	0.162	0.190	0.167	0.155	14.19
60)	T	Dibromochlorom...	0.305	0.308	0.321	0.322	0.347	0.326	0.321	4.66
61)	T	1,2-Dibromoethane	0.218	0.207	0.219	0.220	0.243	0.226	0.222	5.36
62)	S	4-Bromofluorob...	0.388	0.362	0.381	0.395	0.406	0.390	0.387	3.81
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.525	0.455	0.510	0.470	0.442	0.445	0.474	7.39
65)	PM	Chlorobenzene	1.100	1.091	1.118	1.093	1.109	1.074	1.098	1.41
66)	T	1,1,1,2-Tetrac...	0.375	0.369	0.378	0.370	0.379	0.367	0.373	1.30
67)	C	Ethyl Benzene	1.779	1.789	1.887	1.918	1.967	1.907	1.875	4.00#
68)	T	m/p-Xylenes	0.676	0.695	0.739	0.743	0.754	0.728	0.722	4.23
69)	T	o-Xylene	0.633	0.643	0.679	0.690	0.724	0.695	0.677	5.04
70)	T	Styrene	0.995	1.047	1.117	1.162	1.210	1.163	1.116	7.23
71)	P	Bromoform	0.214	0.209	0.209	0.216	0.237	0.221	0.217	4.85
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.390	3.431	3.571	3.610	3.701	3.590	3.549	3.29
74)	T	N-amyl acetate	0.674	0.683	0.732	0.829	0.955	0.884	0.793	14.46
75)	P	1,1,2,2-Tetrac...	0.580	0.573	0.524	0.576	0.654	0.599	0.584	7.23
76)	T	1,2,3-Trichlor...	0.433	0.421	0.421	0.443	0.459	0.431	0.435	3.33
77)	T	Bromobenzene	0.853	0.803	0.831	0.824	0.864	0.832	0.835	2.59
78)	T	n-propylbenzene	4.145	4.171	4.298	4.354	4.441	4.227	4.272	2.65
79)	T	2-Chlorotoluene	2.424	2.415	2.477	2.468	2.537	2.432	2.459	1.86
80)	T	1,3,5-Trimethy...	2.752	2.833	2.889	2.968	3.022	2.917	2.897	3.33
81)	T	trans-1,4-Dich...	0.183	0.196	0.191	0.207	0.237	0.221	0.206	9.76
82)	T	4-Chlorotoluene	2.476	2.496	2.542	2.559	2.590	2.490	2.525	1.78
83)	T	tert-Butylbenzene	2.516	2.443	2.587	2.642	2.784	2.642	2.602	4.53
84)	T	1,2,4-Trimethy...	2.707	2.817	2.933	2.962	3.046	2.905	2.895	4.09
85)	T	sec-Butylbenzene	3.766	3.693	3.840	3.936	4.003	3.812	3.842	2.94
86)	T	p-Isopropyltol...	3.072	3.084	3.201	3.315	3.371	3.224	3.211	3.74
87)	T	1,3-Dichlorobe...	1.696	1.674	1.670	1.654	1.698	1.645	1.673	1.29
88)	T	1,4-Dichlorobe...	1.798	1.678	1.645	1.635	1.661	1.601	1.670	4.07
89)	T	n-Butylbenzene	2.804	2.737	2.895	3.054	3.144	3.031	2.944	5.36
90)	T	Hexachloroethane	0.712	0.678	0.659	0.662	0.683	0.655	0.675	3.18
91)	T	1,2-Dichlorobe...	1.489	1.439	1.456	1.460	1.501	1.431	1.463	1.89
92)	T	1,2-Dibromo-3-...	0.104	0.094	0.085	0.095	0.110	0.100	0.098	8.67
93)	T	1,2,4-Trichlor...	0.855	0.777	0.835	0.877	0.949	0.940	0.872	7.48
94)	T	Hexachlorobuta...	0.587	0.539	0.531	0.529	0.545	0.528	0.543	4.14
95)	T	Naphthalene	1.202	1.170	1.301	1.527	1.836	1.790	1.471	19.93
96)	T	1,2,3-Trichlor...	0.711	0.658	0.710	0.740	0.817	0.820	0.743	8.69

(#) = Out of Range

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112625\
Data File : VY023809.D
Acq On : 26 Nov 2025 08:04
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/01/2025
Supervised By :Mahesh Dadoda 12/02/2025

Quant Time: Nov 27 00:55:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112625S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 27 00:55:03 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	532129	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	866822	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	736167	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	350642	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	27044	5.219	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	10.440%#		
35) Dibromofluoromethane	7.634	113	25931	5.050	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	10.100%#		
50) Toluene-d8	10.109	98	100595	4.932	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	9.860%#		
62) 4-Bromofluorobenzene	12.401	95	33655	5.015	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	10.020%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	22458	5.600	ug/l	96
3) Chloromethane	2.074	50	34081	5.555	ug/l	99
4) Vinyl Chloride	2.208	62	35243	5.310	ug/l	95
5) Bromomethane	2.598	94	28883	6.169	ug/l	92
6) Chloroethane	2.739	64	23232	5.371	ug/l	91
7) Trichlorofluoromethane	3.068	101	48226	5.375	ug/l	97
8) Diethyl Ether	3.458	74	14681	5.195	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.811	101	28577	5.457	ug/l	100
10) Methyl Iodide	4.000	142	25593	4.460	ug/l	99
11) Tert butyl alcohol	4.860	59	14209m	33.385	ug/l	
12) 1,1-Dichloroethene	3.799	96	27047	5.250	ug/l	92
13) Acrolein	3.659	56	16096	26.308	ug/l	99
14) Allyl chloride	4.391	41	40290	4.936	ug/l	98
15) Acrylonitrile	5.067	53	29006	23.781	ug/l	96
16) Acetone	3.872	43	39498	26.455	ug/l	100
17) Carbon Disulfide	4.110	76	87477	5.261	ug/l	97
18) Methyl Acetate	4.391	43	14515	5.034	ug/l	100
19) Methyl tert-butyl Ether	5.116	73	62884	4.776	ug/l	96
20) Methylene Chloride	4.616	84	40177	6.365	ug/l	96
21) trans-1,2-Dichloroethene	5.122	96	29429	5.159	ug/l	95
22) Diisopropyl ether	6.012	45	83725	4.744	ug/l #	84
23) Vinyl Acetate	5.964	43	223175	22.741	ug/l	100
24) 1,1-Dichloroethane	5.915	63	53844	5.186	ug/l	100
25) 2-Butanone	6.896	43	44989	24.691	ug/l	94
26) 2,2-Dichloropropane	6.890	77	49810	5.413	ug/l	94
27) cis-1,2-Dichloroethene	6.896	96	33832	5.107	ug/l	98
28) Bromochloromethane	7.244	49	23235	5.380	ug/l	99
29) Tetrahydrofuran	7.268	42	23903	23.520	ug/l	99
30) Chloroform	7.427	83	54536	5.224	ug/l	95
31) Cyclohexane	7.707	56	56393	5.660	ug/l #	77
32) 1,1,1-Trichloroethane	7.610	97	47530	5.129	ug/l	99
36) 1,1-Dichloropropene	7.841	75	39399	5.004	ug/l	98
37) Ethyl Acetate	6.994	43	18095	4.886	ug/l	97
38) Carbon Tetrachloride	7.817	117	44591	5.160	ug/l	96
39) Methylcyclohexane	9.103	83	51838	4.985	ug/l	93
40) Benzene	8.079	78	122693	5.064	ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112625\
Data File : VY023809.D
Acq On : 26 Nov 2025 08:04
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/01/2025
Supervised By :Mahesh Dadoda 12/02/2025

Quant Time: Nov 27 00:55:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112625S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 27 00:55:03 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	7.238	41	9701m	5.125 ug/l	
42) 1,2-Dichloroethane	8.158	62	31668	5.070 ug/l	99
43) Isopropyl Acetate	8.201	43	32350	4.674 ug/l #	88
44) Trichloroethene	8.865	130	31758	5.109 ug/l	95
45) 1,2-Dichloropropane	9.140	63	28056	4.911 ug/l	95
46) Dibromomethane	9.231	93	15252	4.920 ug/l	98
47) Bromodichloromethane	9.426	83	40564	5.007 ug/l	96
48) Methyl methacrylate	9.225	41	13354	4.098 ug/l	93
49) 1,4-Dioxane	9.225	88	3210	92.402 ug/l #	94
51) 4-Methyl-2-Pentanone	9.999	43	79196	21.738 ug/l	100
52) Toluene	10.170	92	70888	4.720 ug/l	98
53) t-1,3-Dichloropropene	10.396	75	34548	4.656 ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	42262	4.758 ug/l	94
55) 1,1,2-Trichloroethane	10.572	97	20191	4.863 ug/l	94
56) Ethyl methacrylate	10.438	69	21354	3.917 ug/l	94
57) 1,3-Dichloropropane	10.719	76	35550	4.908 ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	54697	20.883 ug/l	99
59) 2-Hexanone	10.761	43	56863	21.107 ug/l	99
60) Dibromochloromethane	10.908	129	26404	4.739 ug/l	99
61) 1,2-Dibromoethane	11.011	107	18914	4.907 ug/l	97
64) Tetrachloroethene	10.646	164	38652	5.535 ug/l	97
65) Chlorobenzene	11.438	112	80968	5.011 ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.511	131	27581	5.024 ug/l	98
67) Ethyl Benzene	11.517	91	130977	4.745 ug/l	98
68) m/p-Xylenes	11.627	106	99496	9.355 ug/l	99
69) o-Xylene	11.950	106	46612	4.675 ug/l	94
70) Styrene	11.969	104	73240	4.459 ug/l	99
71) Bromoform	12.133	173	15744	4.917 ug/l #	97
73) Isopropylbenzene	12.255	105	118872	4.777 ug/l	98
74) N-amyl acetate	12.072	43	23625	4.249 ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	20330	4.962 ug/l	97
76) 1,2,3-Trichloropropane	12.554	75	15187m	5.000 ug/l	
77) Bromobenzene	12.529	156	29918	5.111 ug/l	97
78) n-propylbenzene	12.590	91	145340	4.851 ug/l	100
79) 2-Chlorotoluene	12.676	91	85012	4.930 ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	96483	4.749 ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	6416	4.448 ug/l	86
82) 4-Chlorotoluene	12.773	91	86822	4.903 ug/l	96
83) tert-Butylbenzene	12.993	119	88226	4.834 ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	94919	4.675 ug/l	99
85) sec-Butylbenzene	13.170	105	132038	4.901 ug/l	100
86) p-Isopropyltoluene	13.291	119	107702	4.783 ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	59468	5.069 ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	63039	5.383 ug/l	95
89) n-Butylbenzene	13.615	91	98307	4.761 ug/l	99
90) Hexachloroethane	13.877	117	24971	5.278 ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	52221	5.090 ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	3631	5.295 ug/l	94
93) 1,2,4-Trichlorobenzene	14.919	180	29977	4.901 ug/l	95
94) Hexachlorobutadiene	15.023	225	20588	5.405 ug/l	95
95) Naphthalene	15.145	128	42163	4.087 ug/l	97
96) 1,2,3-Trichlorobenzene	15.328	180	24916	4.783 ug/l	96

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112625\
Data File : VY023809.D
Acq On : 26 Nov 2025 08:04
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/01/2025
Supervised By :Mahesh Dadoda 12/02/2025

Quant Time: Nov 27 00:55:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112625S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 27 00:55:03 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

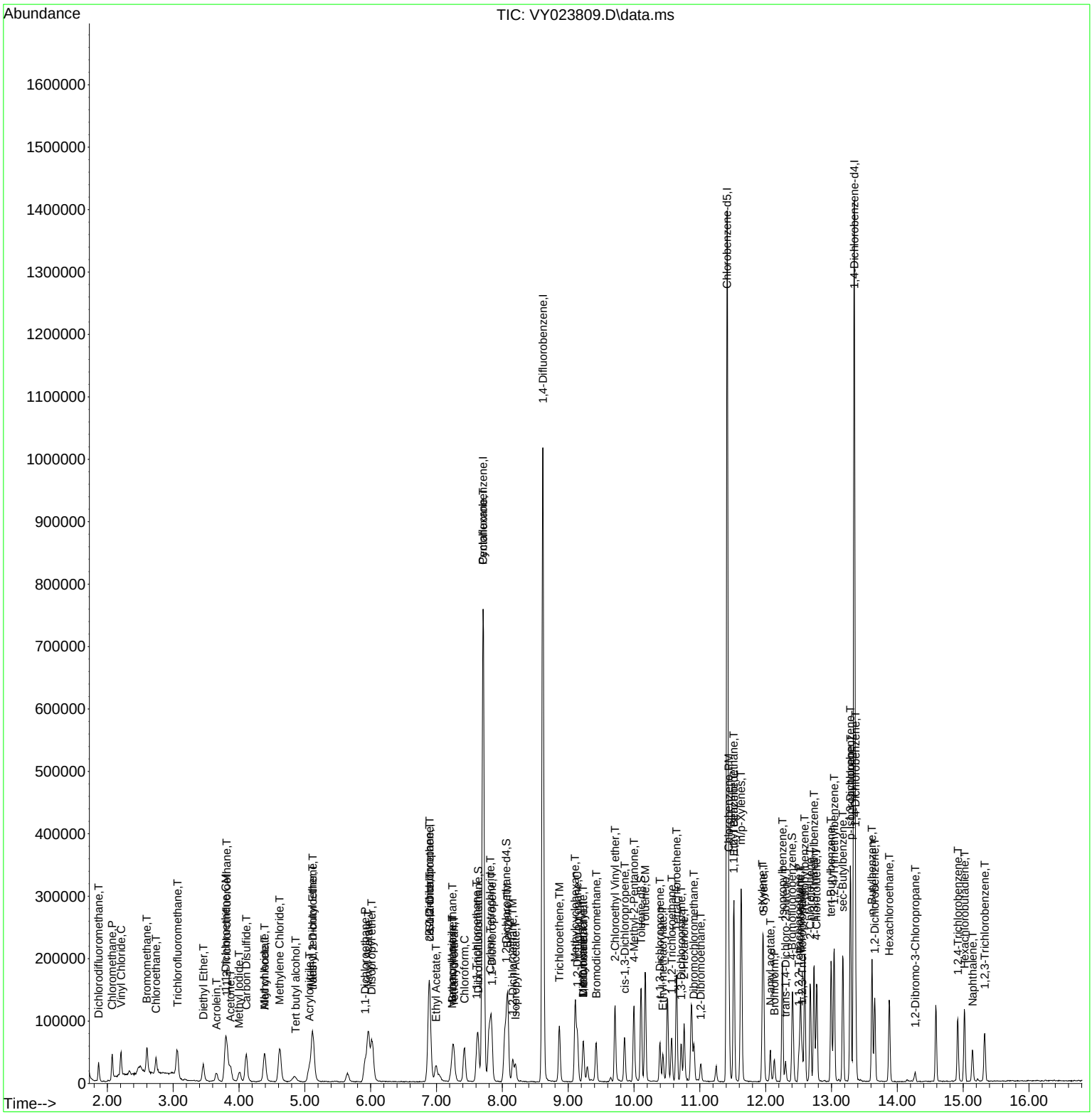
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112625\
Data File : VY023809.D
Acq On : 26 Nov 2025 08:04
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 27 00:55:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112625S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 27 00:55:03 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/01/2025
Supervised By :Mahesh Dadoda 12/02/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112625\
Data File : VY023810.D
Acq On : 26 Nov 2025 08:27
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 27 00:56:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112625S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 27 00:55:03 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/01/2025
Supervised By :Mahesh Dadoda 12/02/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	564273	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	913960	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	777533	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	376672	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	53928	9.814	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	19.620%#		
35) Dibromofluoromethane	7.640	113	52026	9.609	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	19.220%#		
50) Toluene-d8	10.109	98	205669	9.564	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	19.120%#		
62) 4-Bromofluorobenzene	12.408	95	66256	9.364	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	18.720%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.873	85	46524	10.940	ug/l	99
3) Chloromethane	2.074	50	71362	10.969	ug/l	96
4) Vinyl Chloride	2.208	62	73870	10.496	ug/l	100
5) Bromomethane	2.605	94	54197	10.917	ug/l	90
6) Chloroethane	2.745	64	47420	10.339	ug/l	96
7) Trichlorofluoromethane	3.068	101	97629	10.261	ug/l	97
8) Diethyl Ether	3.458	74	28269	9.433	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.824	101	57492	10.353	ug/l	100
10) Methyl Iodide	4.019	142	57800	9.498	ug/l	99
11) Tert butyl alcohol	4.860	59	22599	50.074	ug/l #	86
12) 1,1-Dichloroethene	3.799	96	54946	10.057	ug/l	96
13) Acrolein	3.659	56	30054	46.323	ug/l	98
14) Allyl chloride	4.385	41	82586	9.542	ug/l	96
15) Acrylonitrile	5.067	53	59992	46.383	ug/l	99
16) Acetone	3.873	43	77696	49.074	ug/l	98
17) Carbon Disulfide	4.110	76	181723	10.307	ug/l	99
18) Methyl Acetate	4.391	43	29830	9.756	ug/l	99
19) Methyl tert-butyl Ether	5.122	73	130676	9.360	ug/l	98
20) Methylene Chloride	4.622	84	74728	11.164	ug/l	96
21) trans-1,2-Dichloroethene	5.122	96	60632	10.024	ug/l	97
22) Diisopropyl ether	6.019	45	183008	9.779	ug/l	92
23) Vinyl Acetate	5.964	43	478803	46.009	ug/l	99
24) 1,1-Dichloroethane	5.915	63	110784	10.063	ug/l	98
25) 2-Butanone	6.896	43	91948	47.588	ug/l	97
26) 2,2-Dichloropropane	6.890	77	100266	10.275	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	70023	9.969	ug/l	99
28) Bromochloromethane	7.250	49	45144	9.858	ug/l	98
29) Tetrahydrofuran	7.268	42	47835	44.388	ug/l	100
30) Chloroform	7.421	83	111865	10.105	ug/l	99
31) Cyclohexane	7.707	56	107538	10.179	ug/l #	91
32) 1,1,1-Trichloroethane	7.622	97	99921	10.169	ug/l	99
36) 1,1-Dichloropropene	7.835	75	81603	9.830	ug/l	99
37) Ethyl Acetate	6.994	43	33831	8.664	ug/l	96
38) Carbon Tetrachloride	7.817	117	89626	9.836	ug/l	98
39) Methylcyclohexane	9.109	83	104498	9.531	ug/l	95
40) Benzene	8.085	78	253670	9.930	ug/l	99

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112625\
Data File : VY023810.D
Acq On : 26 Nov 2025 08:27
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 27 00:56:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112625S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 27 00:55:03 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/01/2025
Supervised By :Mahesh Dadoda 12/02/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.220	41	16500	8.268	ug/l		95
42) 1,2-Dichloroethane	8.158	62	64652	9.817	ug/l		100
43) Isopropyl Acetate	8.201	43	64769	8.876	ug/l	#	89
44) Trichloroethene	8.866	130	63449	9.680	ug/l		92
45) 1,2-Dichloropropane	9.140	63	59454	9.871	ug/l		99
46) Dibromomethane	9.231	93	30950	9.470	ug/l		98
47) Bromodichloromethane	9.420	83	84139	9.851	ug/l		94
48) Methyl methacrylate	9.219	41	29866	8.693	ug/l		97
49) 1,4-Dioxane	9.231	88	6498	177.403	ug/l	#	92
51) 4-Methyl-2-Pentanone	10.000	43	169218	44.052	ug/l		97
52) Toluene	10.170	92	151848	9.588	ug/l		99
53) t-1,3-Dichloropropene	10.390	75	72089	9.214	ug/l		94
54) cis-1,3-Dichloropropene	9.859	75	89325	9.537	ug/l		94
55) 1,1,2-Trichloroethane	10.573	97	41995	9.592	ug/l		92
56) Ethyl methacrylate	10.438	69	48259	8.395	ug/l		98
57) 1,3-Dichloropropane	10.713	76	70951	9.290	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.713	63	113907	41.247	ug/l		99
59) 2-Hexanone	10.762	43	123369	43.431	ug/l		99
60) Dibromochloromethane	10.908	129	56287	9.581	ug/l		96
61) 1,2-Dibromoethane	11.012	107	37878	9.321	ug/l		99
64) Tetrachloroethene	10.646	164	70797	9.598	ug/l		98
65) Chlorobenzene	11.438	112	169636	9.939	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.518	131	57403	9.900	ug/l		99
67) Ethyl Benzene	11.518	91	278266	9.545	ug/l		99
68) m/p-Xylenes	11.627	106	216036	19.231	ug/l		99
69) o-Xylene	11.950	106	99916	9.487	ug/l		97
70) Styrene	11.969	104	162814	9.385	ug/l		99
71) Bromoform	12.133	173	32473	9.601	ug/l	#	97
73) Isopropylbenzene	12.255	105	258446	9.668	ug/l		100
74) N-amyl acetate	12.066	43	51482	8.620	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.505	83	43159	9.806	ug/l		99
76) 1,2,3-Trichloropropane	12.554	75	31717m	9.720	ug/l		
77) Bromobenzene	12.530	156	60506	9.623	ug/l		97
78) n-propylbenzene	12.591	91	314184	9.762	ug/l		99
79) 2-Chlorotoluene	12.676	91	181905	9.820	ug/l		100
80) 1,3,5-Trimethylbenzene	12.731	105	213425	9.780	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.304	75	14733	9.507	ug/l		97
82) 4-Chlorotoluene	12.773	91	188018	9.883	ug/l		98
83) tert-Butylbenzene	12.993	119	184010	9.386	ug/l		99
84) 1,2,4-Trimethylbenzene	13.042	105	212245	9.731	ug/l		100
85) sec-Butylbenzene	13.170	105	278180	9.612	ug/l		100
86) p-Isopropyltoluene	13.292	119	232309	9.604	ug/l		99
87) 1,3-Dichlorobenzene	13.286	146	126076	10.004	ug/l		97
88) 1,4-Dichlorobenzene	13.365	146	126441	10.052	ug/l		97
89) n-Butylbenzene	13.615	91	206209	9.297	ug/l		100
90) Hexachloroethane	13.877	117	51040	10.043	ug/l		99
91) 1,2-Dichlorobenzene	13.657	146	108408	9.837	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	7052	9.572	ug/l		89
93) 1,2,4-Trichlorobenzene	14.919	180	58552	8.911	ug/l		100
94) Hexachlorobutadiene	15.023	225	40570	9.915	ug/l		99
95) Naphthalene	15.139	128	88132	7.953	ug/l		99
96) 1,2,3-Trichlorobenzene	15.328	180	49571	8.858	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112625\
Data File : VY023810.D
Acq On : 26 Nov 2025 08:27
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 12/01/2025
Supervised By :Mahesh Dadoda 12/02/2025

Quant Time: Nov 27 00:56:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112625S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 27 00:55:03 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

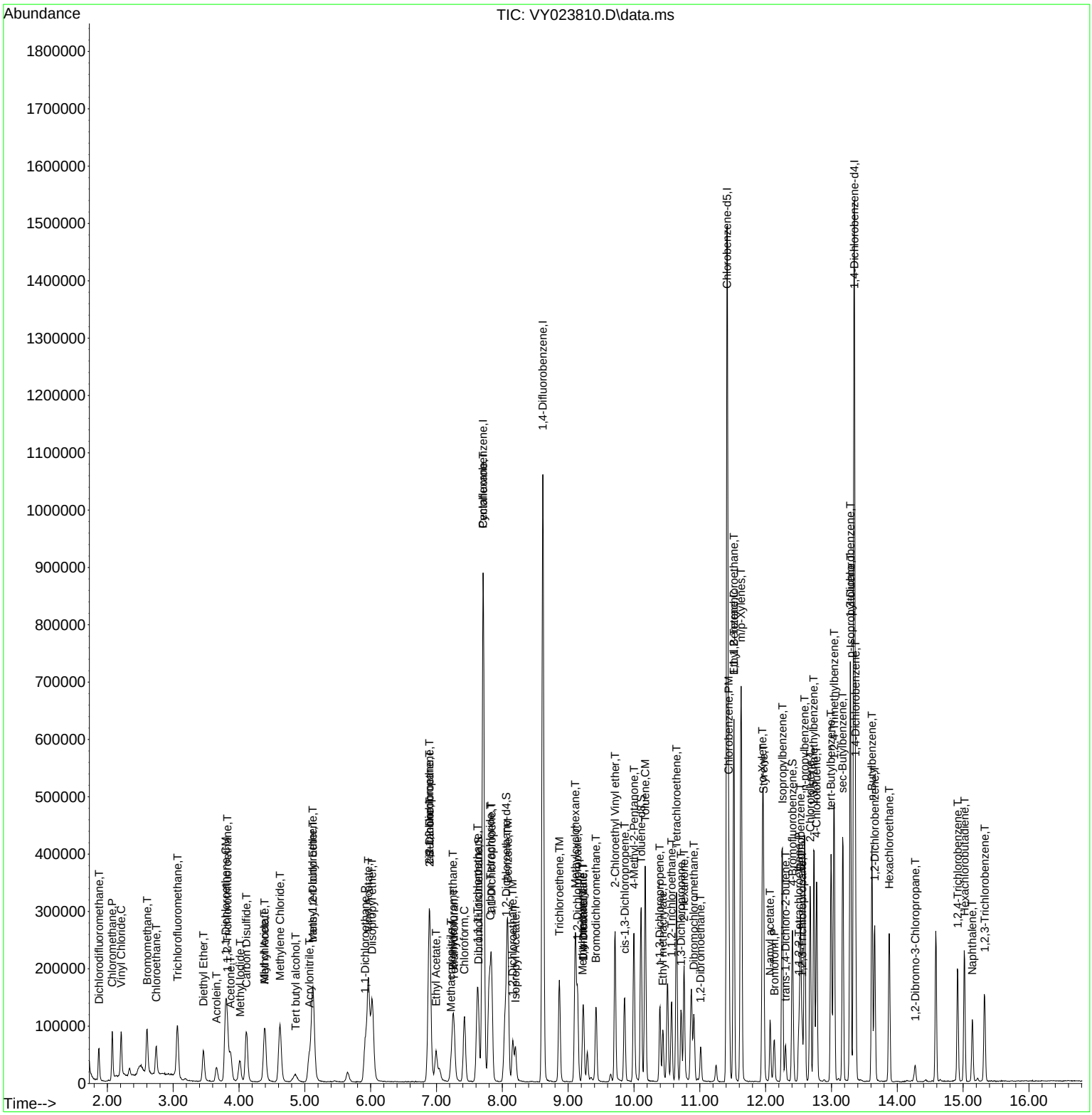
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112625\
Data File : VY023810.D
Acq On : 26 Nov 2025 08:27
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 27 00:56:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112625S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 27 00:55:03 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/01/2025
Supervised By :Mahesh Dadoda 12/02/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112625\
Data File : VY023811.D
Acq On : 26 Nov 2025 08:49
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 12/01/2025
Supervised By :Mahesh Dadoda 12/02/2025

Quant Time: Nov 27 00:57:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112625S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 27 00:55:03 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	556743	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	885764	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	762209	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	382282	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	107470	19.822	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	39.640%#		
35) Dibromofluoromethane	7.640	113	105212	20.051	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	40.100%#		
50) Toluene-d8	10.109	98	419040	20.106	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	40.220%#		
62) 4-Bromofluorobenzene	12.401	95	134901	19.672	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	39.340%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	92159	21.965	ug/l	98
3) Chloromethane	2.074	50	135209	21.064	ug/l	97
4) Vinyl Chloride	2.208	62	142424	20.511	ug/l	96
5) Bromomethane	2.592	94	97742	19.954	ug/l	100
6) Chloroethane	2.732	64	93605	20.685	ug/l	99
7) Trichlorofluoromethane	3.056	101	194642	20.733	ug/l	96
8) Diethyl Ether	3.452	74	58730	19.863	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.818	101	111667	20.381	ug/l	100
10) Methyl Iodide	4.007	142	119008	19.821	ug/l	99
11) Tert butyl alcohol	4.848	59	40736	91.481	ug/l	95
12) 1,1-Dichloroethene	3.793	96	109410	20.297	ug/l	99
13) Acrolein	3.659	56	61923	96.735	ug/l	98
14) Allyl chloride	4.385	41	173293	20.293	ug/l	99
15) Acrylonitrile	5.061	53	123452	96.738	ug/l	99
16) Acetone	3.872	43	152557	97.661	ug/l	98
17) Carbon Disulfide	4.110	76	360392	20.717	ug/l	99
18) Methyl Acetate	4.385	43	58271	19.316	ug/l	100
19) Methyl tert-butyl Ether	5.116	73	267135	19.392	ug/l	99
20) Methylene Chloride	4.622	84	129636	19.630	ug/l	99
21) trans-1,2-Dichloroethene	5.116	96	120839	20.247	ug/l	96
22) Diisopropyl ether	6.018	45	380757	20.621	ug/l	99
23) Vinyl Acetate	5.964	43	1009741	98.340	ug/l	100
24) 1,1-Dichloroethane	5.915	63	220340	20.285	ug/l	98
25) 2-Butanone	6.896	43	181564	95.240	ug/l	98
26) 2,2-Dichloropropane	6.890	77	190759	19.812	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	138769	20.023	ug/l	99
28) Bromochloromethane	7.244	49	90230	19.970	ug/l	98
29) Tetrahydrofuran	7.262	42	100057	94.102	ug/l	99
30) Chloroform	7.421	83	221797	20.307	ug/l	97
31) Cyclohexane	7.701	56	208772	20.029	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	196476	20.265	ug/l	99
36) 1,1-Dichloropropene	7.835	75	163817	20.362	ug/l	99
37) Ethyl Acetate	6.988	43	74497	19.686	ug/l	99
38) Carbon Tetrachloride	7.817	117	177842	20.139	ug/l	96
39) Methylcyclohexane	9.109	83	209460	19.713	ug/l	99
40) Benzene	8.079	78	508024	20.520	ug/l	98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112625\
Data File : VY023811.D
Acq On : 26 Nov 2025 08:49
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Quant Time: Nov 27 00:57:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112625S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 27 00:55:03 2025
Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/01/2025
Supervised By :Mahesh Dadoda 12/02/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.219	41	38732	20.026	ug/l		92
42) 1,2-Dichloroethane	8.158	62	126790	19.865	ug/l		99
43) Isopropyl Acetate	8.195	43	132641	18.756	ug/l		99
44) Trichloroethene	8.865	130	131402	20.686	ug/l		92
45) 1,2-Dichloropropane	9.140	63	119131	20.409	ug/l		100
46) Dibromomethane	9.231	93	64634	20.406	ug/l		97
47) Bromodichloromethane	9.420	83	165883	20.039	ug/l		96
48) Methyl methacrylate	9.219	41	63502	19.072	ug/l		98
49) 1,4-Dioxane	9.225	88	12754	359.283	ug/l		99
51) 4-Methyl-2-Pentanone	9.999	43	351650	94.458	ug/l		98
52) Toluene	10.170	92	312929	20.389	ug/l		100
53) t-1,3-Dichloropropene	10.390	75	146889	19.371	ug/l		100
54) cis-1,3-Dichloropropene	9.853	75	180268	19.860	ug/l		99
55) 1,1,2-Trichloroethane	10.573	97	83309	19.634	ug/l		97
56) Ethyl methacrylate	10.438	69	102493	18.397	ug/l		100
57) 1,3-Dichloropropane	10.713	76	145459	19.652	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.713	63	253922	94.874	ug/l		99
59) 2-Hexanone	10.755	43	261283	94.910	ug/l		99
60) Dibromochloromethane	10.908	129	113709	19.971	ug/l		99
61) 1,2-Dibromoethane	11.011	107	77429	19.660	ug/l		98
64) Tetrachloroethene	10.646	164	155362	21.487	ug/l		98
65) Chlorobenzene	11.438	112	340825	20.371	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.511	131	115189	20.266	ug/l		98
67) Ethyl Benzene	11.517	91	575333	20.132	ug/l		100
68) m/p-Xylenes	11.627	106	450352	40.896	ug/l		99
69) o-Xylene	11.950	106	206970	20.047	ug/l		97
70) Styrene	11.969	104	340595	20.027	ug/l		99
71) Bromoform	12.127	173	63581	19.177	ug/l	#	98
73) Isopropylbenzene	12.255	105	546020	20.125	ug/l		100
74) N-amyl acetate	12.066	43	111944	18.468	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.505	83	80160	17.945	ug/l		99
76) 1,2,3-Trichloropropane	12.554	75	64388m	19.443	ug/l		
77) Bromobenzene	12.529	156	127101	19.917	ug/l		99
78) n-propylbenzene	12.590	91	657150	20.118	ug/l		100
79) 2-Chlorotoluene	12.676	91	378773	20.147	ug/l		99
80) 1,3,5-Trimethylbenzene	12.737	105	441817	19.948	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.304	75	29220	18.579	ug/l		97
82) 4-Chlorotoluene	12.773	91	388634	20.129	ug/l		97
83) tert-Butylbenzene	12.993	119	395625	19.883	ug/l		99
84) 1,2,4-Trimethylbenzene	13.042	105	448562	20.265	ug/l		100
85) sec-Butylbenzene	13.170	105	587207	19.993	ug/l		100
86) p-Isopropyltoluene	13.292	119	489495	19.939	ug/l		100
87) 1,3-Dichlorobenzene	13.285	146	255366	19.967	ug/l		100
88) 1,4-Dichlorobenzene	13.365	146	251601	19.708	ug/l		99
89) n-Butylbenzene	13.615	91	442694	19.666	ug/l		100
90) Hexachloroethane	13.877	117	100778	19.538	ug/l		99
91) 1,2-Dichlorobenzene	13.657	146	222634	19.906	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	13061	17.469	ug/l		99
93) 1,2,4-Trichlorobenzene	14.919	180	127613	19.137	ug/l		99
94) Hexachlorobutadiene	15.023	225	81242	19.563	ug/l		99
95) Naphthalene	15.139	128	198894	17.686	ug/l		100
96) 1,2,3-Trichlorobenzene	15.328	180	108628	19.127	ug/l		97

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112625\
Data File : VY023811.D
Acq On : 26 Nov 2025 08:49
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 12/01/2025
Supervised By :Mahesh Dadoda 12/02/2025

Quant Time: Nov 27 00:57:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112625S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 27 00:55:03 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

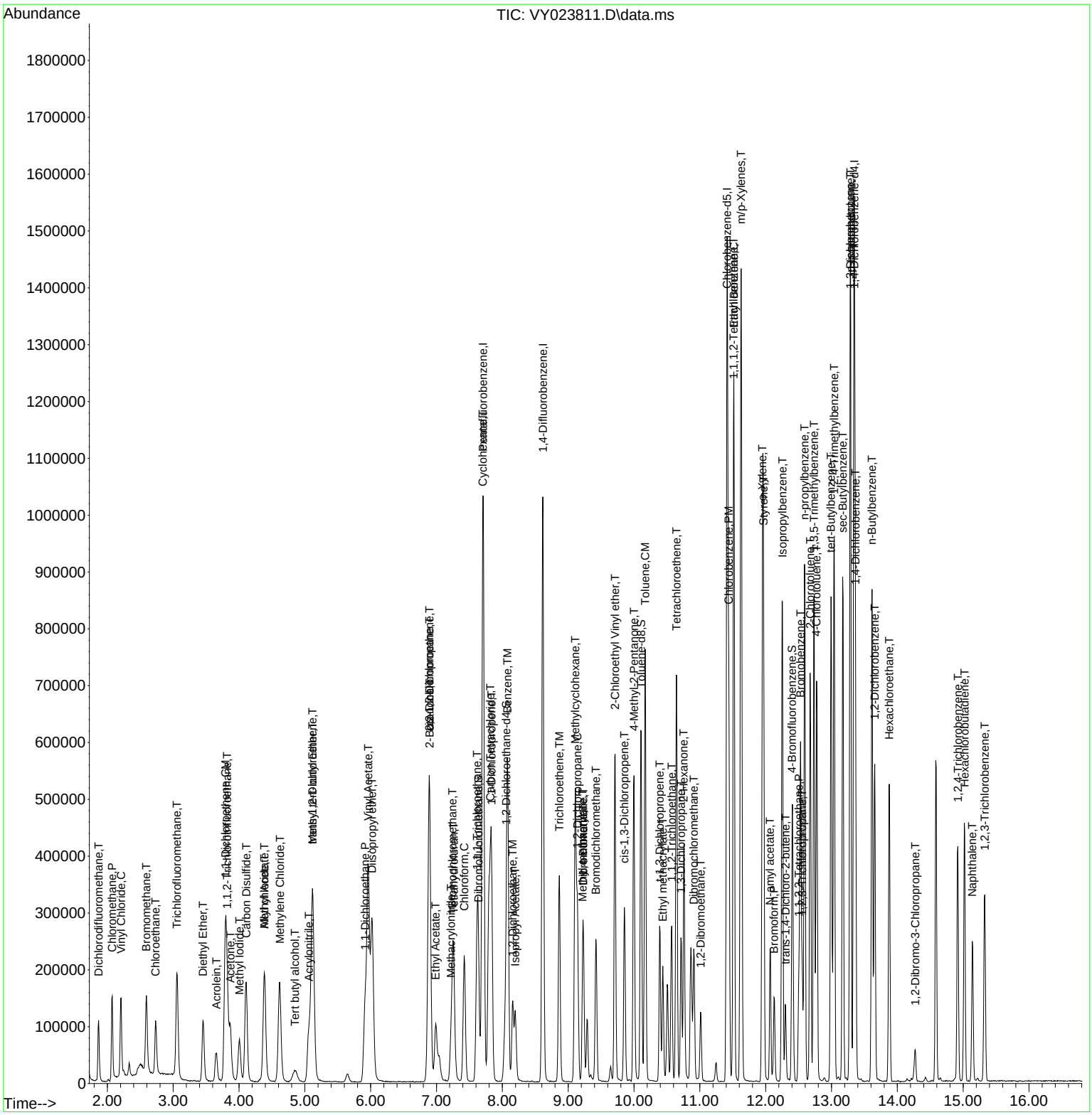
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112625\
Data File : VY023811.D
Acq On : 26 Nov 2025 08:49
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 27 00:57:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112625S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 27 00:55:03 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/01/2025
Supervised By :Mahesh Dadoda 12/02/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112625\
Data File : VY023812.D
Acq On : 26 Nov 2025 09:17
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 27 00:58:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112625S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 27 00:55:03 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/01/2025
Supervised By :Mahesh Dadoda 12/02/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	569944	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	897275	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	788206	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	403440	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	280509	50.539	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.080%			
35) Dibromofluoromethane	7.634	113	271773	51.130	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.260%			
50) Toluene-d8	10.103	98	1087204	51.496	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 103.000%			
62) 4-Bromofluorobenzene	12.408	95	354001	50.959	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 101.920%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	193497	45.049	ug/l	100
3) Chloromethane	2.074	50	302832	46.085	ug/l	100
4) Vinyl Chloride	2.208	62	344155	48.415	ug/l	100
5) Bromomethane	2.598	94	219721	43.817	ug/l	100
6) Chloroethane	2.739	64	225351	48.645	ug/l	100
7) Trichlorofluoromethane	3.062	101	464314	48.313	ug/l	100
8) Diethyl Ether	3.452	74	148973	49.217	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.818	101	269379	48.026	ug/l	100
10) Methyl Iodide	4.007	142	331790	53.981	ug/l	100
11) Tert butyl alcohol	4.860	59	96336	211.332	ug/l	100
12) 1,1-Dichloroethene	3.793	96	268646	48.684	ug/l	100
13) Acrolein	3.653	56	160873	245.491	ug/l	100
14) Allyl chloride	4.385	41	437682	50.067	ug/l	100
15) Acrylonitrile	5.061	53	328696	251.602	ug/l	100
16) Acetone	3.866	43	386104	241.443	ug/l	100
17) Carbon Disulfide	4.110	76	865796	48.617	ug/l	100
18) Methyl Acetate	4.391	43	146747	47.518	ug/l	100
19) Methyl tert-butyl Ether	5.122	73	707682	50.184	ug/l	100
20) Methylene Chloride	4.622	84	301790	44.639	ug/l	100
21) trans-1,2-Dichloroethene	5.116	96	299860	49.079	ug/l	100
22) Diisopropyl ether	6.018	45	962143	50.901	ug/l	100
23) Vinyl Acetate	5.964	43	2733456	260.049	ug/l	100
24) 1,1-Dichloroethane	5.915	63	544251	48.944	ug/l	100
25) 2-Butanone	6.896	43	480977	246.454	ug/l	100
26) 2,2-Dichloropropane	6.884	77	477444	48.439	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	348222	49.080	ug/l	100
28) Bromochloromethane	7.250	49	227548	49.194	ug/l	100
29) Tetrahydrofuran	7.262	42	278158	255.545	ug/l	100
30) Chloroform	7.421	83	547940	49.005	ug/l	100
31) Cyclohexane	7.701	56	510849	47.873	ug/l	100
32) 1,1,1-Trichloroethane	7.616	97	484886	48.854	ug/l	100
36) 1,1-Dichloropropene	7.835	75	404723	49.660	ug/l	100
37) Ethyl Acetate	6.988	43	194341	50.697	ug/l	100
38) Carbon Tetrachloride	7.817	117	443416	49.568	ug/l	100
39) Methylcyclohexane	9.109	83	541715	50.330	ug/l	100
40) Benzene	8.079	78	1241044	49.484	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112625\
Data File : VY023812.D
Acq On : 26 Nov 2025 09:17
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Quant Time: Nov 27 00:58:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112625S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 27 00:55:03 2025
Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/01/2025
Supervised By :Mahesh Dadoda 12/02/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	93022	47.478	ug/l	100
42) 1,2-Dichloroethane	8.158	62	321935	49.792	ug/l	100
43) Isopropyl Acetate	8.195	43	364953	50.945	ug/l	100
44) Trichloroethene	8.866	130	318148	49.441	ug/l	100
45) 1,2-Dichloropropane	9.140	63	295491	49.972	ug/l	100
46) Dibromomethane	9.231	93	159296	49.646	ug/l	100
47) Bromodichloromethane	9.420	83	415809	49.587	ug/l	100
48) Methyl methacrylate	9.219	41	178701	52.982	ug/l	100
49) 1,4-Dioxane	9.225	88	36440	1013.353	ug/l	100
51) 4-Methyl-2-Pentanone	9.999	43	983275	260.732	ug/l	100
52) Toluene	10.170	92	800460	51.484	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	392658	51.118	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	462990	50.354	ug/l	100
55) 1,1,2-Trichloroethane	10.573	97	217262	50.548	ug/l	100
56) Ethyl methacrylate	10.438	69	300280	53.207	ug/l	100
57) 1,3-Dichloropropane	10.719	76	378679	50.505	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	704627	259.896	ug/l	100
59) 2-Hexanone	10.762	43	726972	260.683	ug/l	100
60) Dibromochloromethane	10.908	129	289218	50.144	ug/l	100
61) 1,2-Dibromoethane	11.018	107	197826	49.585	ug/l	100
64) Tetrachloroethene	10.646	164	370190	49.509	ug/l	100
65) Chlorobenzene	11.438	112	861821	49.812	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.517	131	291409	49.579	ug/l	100
67) Ethyl Benzene	11.517	91	1511745	51.154	ug/l	100
68) m/p-Xylenes	11.627	106	1171507	102.873	ug/l	100
69) o-Xylene	11.956	106	543887	50.944	ug/l	100
70) Styrene	11.969	104	916028	52.085	ug/l	100
71) Bromoform	12.133	173	170129	49.622	ug/l	100
73) Isopropylbenzene	12.255	105	1456356	50.863	ug/l	100
74) N-amyl acetate	12.072	43	334446	52.282	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.505	83	232224	49.261	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	178780m	51.153	ug/l	
77) Bromobenzene	12.530	156	332397	49.355	ug/l	100
78) n-propylbenzene	12.597	91	1756464	50.952	ug/l	100
79) 2-Chlorotoluene	12.676	91	995768	50.188	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	1197605	51.235	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	83618	50.378	ug/l	100
82) 4-Chlorotoluene	12.773	91	1032380	50.666	ug/l	100
83) tert-Butylbenzene	12.999	119	1065914	50.761	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	1194899	51.151	ug/l	100
85) sec-Butylbenzene	13.176	105	1587946	51.229	ug/l	100
86) p-Isopropyltoluene	13.292	119	1337277	51.615	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	667107	49.424	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	659518	48.952	ug/l	100
89) n-Butylbenzene	13.615	91	1232045	51.863	ug/l	100
90) Hexachloroethane	13.877	117	266931	49.037	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	589140	49.913	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	38151	48.349	ug/l	100
93) 1,2,4-Trichlorobenzene	14.919	180	353935	50.293	ug/l	100
94) Hexachlorobutadiene	15.023	225	213425	48.697	ug/l	100
95) Naphthalene	15.145	128	615986	51.901	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	298647	49.827	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112625\
Data File : VY023812.D
Acq On : 26 Nov 2025 09:17
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 12/01/2025
Supervised By :Mahesh Dadoda 12/02/2025

Quant Time: Nov 27 00:58:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112625S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 27 00:55:03 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

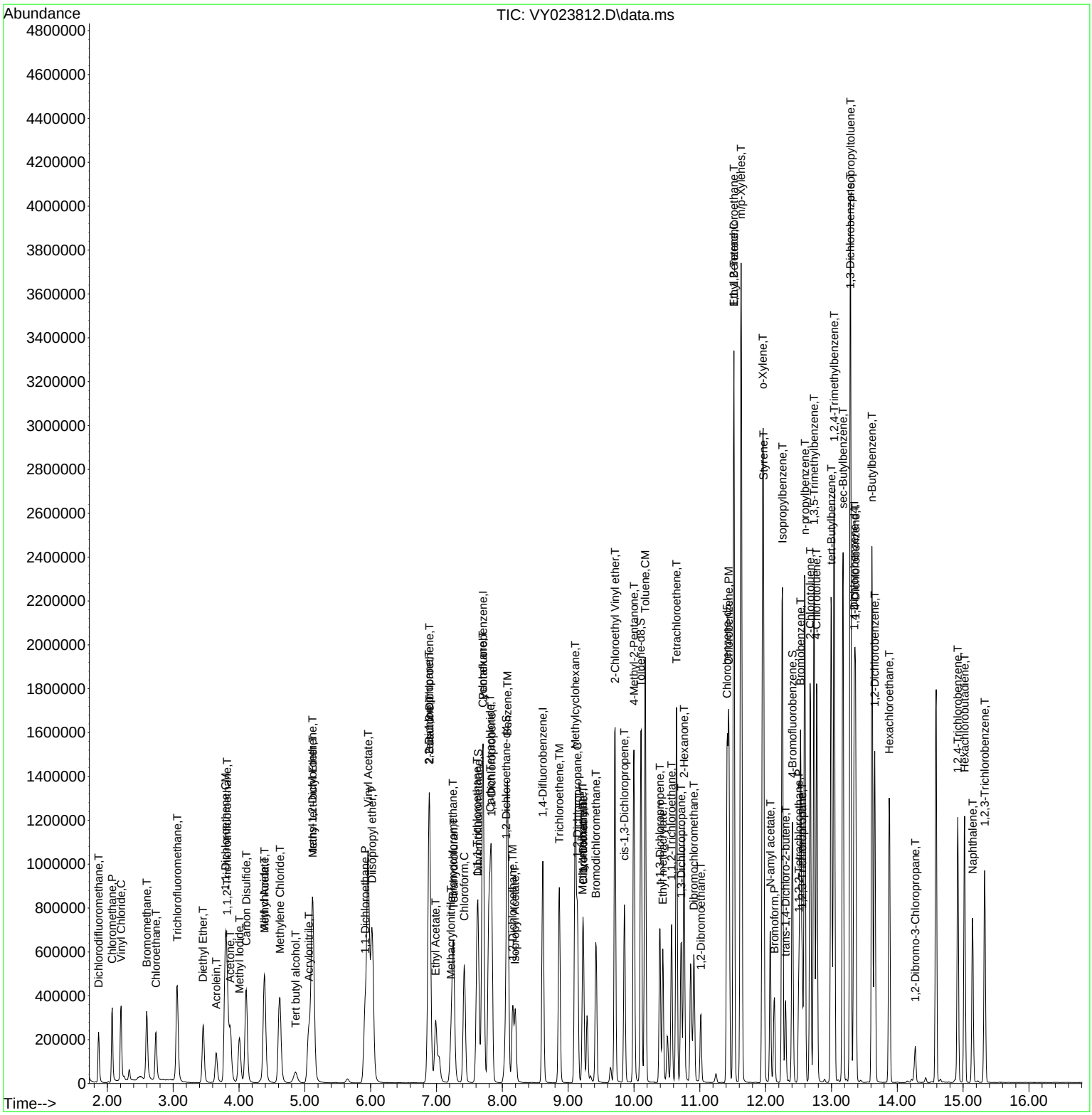
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112625\
Data File : VY023812.D
Acq On : 26 Nov 2025 09:17
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 27 00:58:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112625S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 27 00:55:03 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/01/2025
Supervised By :Mahesh Dadoda 12/02/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112625\
Data File : VY023813.D
Acq On : 26 Nov 2025 09:39
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 27 00:59:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112625S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 27 00:55:03 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/01/2025
Supervised By :Mahesh Dadoda 12/02/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	597752	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	936662	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	843412	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	429717	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	580634	99.745	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 199.480%#			
35) Dibromofluoromethane	7.634	113	559842	100.896	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 201.800%#			
50) Toluene-d8	10.109	98	2265326	102.785	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 205.580%#			
62) 4-Bromofluorobenzene	12.402	95	761395	104.995	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 210.000%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	405722	90.064	ug/l	96
3) Chloromethane	2.074	50	636530	92.361	ug/l	99
4) Vinyl Chloride	2.208	62	719283	96.481	ug/l	99
5) Bromomethane	2.592	94	480036	91.276	ug/l	99
6) Chloroethane	2.739	64	471062	96.954	ug/l	100
7) Trichlorofluoromethane	3.062	101	962539	95.496	ug/l	98
8) Diethyl Ether	3.458	74	328405	103.449	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.818	101	569678	96.840	ug/l	98
10) Methyl Iodide	4.007	142	699139	108.456	ug/l	100
11) Tert butyl alcohol	4.866	59	242821	507.896	ug/l	100
12) 1,1-Dichloroethene	3.793	96	569043	98.325	ug/l	98
13) Acrolein	3.653	56	358931	522.245	ug/l	99
14) Allyl chloride	4.391	41	948399	103.442	ug/l	99
15) Acrylonitrile	5.061	53	766454	559.393	ug/l	99
16) Acetone	3.873	43	897316	535.016	ug/l	98
17) Carbon Disulfide	4.110	76	1818866	97.383	ug/l	99
18) Methyl Acetate	4.391	43	357818	110.474	ug/l	100
19) Methyl tert-butyl Ether	5.122	73	1619657	109.511	ug/l	99
20) Methylene Chloride	4.622	84	633854	89.395	ug/l	100
21) trans-1,2-Dichloroethene	5.116	96	643910	100.489	ug/l	100
22) Diisopropyl ether	6.025	45	2062665	104.046	ug/l	96
23) Vinyl Acetate	5.964	43	6145514	557.458	ug/l	99
24) 1,1-Dichloroethane	5.921	63	1157588	99.258	ug/l	98
25) 2-Butanone	6.896	43	1149970	561.837	ug/l	96
26) 2,2-Dichloropropane	6.890	77	1016493	98.331	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	755007	101.464	ug/l	99
28) Bromochloromethane	7.244	49	487526	100.497	ug/l	99
29) Tetrahydrofuran	7.262	42	668025	585.166	ug/l	99
30) Chloroform	7.421	83	1159007	98.833	ug/l	100
31) Cyclohexane	7.701	56	1079753	96.480	ug/l	96
32) 1,1,1-Trichloroethane	7.622	97	1038504	99.766	ug/l	100
36) 1,1-Dichloropropene	7.841	75	872975	102.612	ug/l	100
37) Ethyl Acetate	6.988	43	454311	113.530	ug/l	99
38) Carbon Tetrachloride	7.823	117	949580	101.686	ug/l	98
39) Methylcyclohexane	9.109	83	1181912	105.191	ug/l	98
40) Benzene	8.085	78	2641537	100.896	ug/l	99

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112625\
Data File : VY023813.D
Acq On : 26 Nov 2025 09:39
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 27 00:59:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112625S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 27 00:55:03 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/01/2025
Supervised By :Mahesh Dadoda 12/02/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.220	41	215840	105.532	ug/l		94
42) 1,2-Dichloroethane	8.158	62	696886	103.250	ug/l		100
43) Isopropyl Acetate	8.195	43	871566	116.548	ug/l		99
44) Trichloroethene	8.866	130	678866	101.062	ug/l		98
45) 1,2-Dichloropropane	9.140	63	634600	102.807	ug/l		99
46) Dibromomethane	9.231	93	355888	106.252	ug/l		99
47) Bromodichloromethane	9.420	83	906225	103.527	ug/l		96
48) Methyl methacrylate	9.219	41	419685	119.198	ug/l		98
49) 1,4-Dioxane	9.231	88	88895	2368.112	ug/l		100
51) 4-Methyl-2-Pentanone	10.000	43	2361341	599.821	ug/l		99
52) Toluene	10.170	92	1701789	104.854	ug/l		100
53) t-1,3-Dichloropropene	10.390	75	886831	110.597	ug/l		98
54) cis-1,3-Dichloropropene	9.853	75	1025804	106.873	ug/l		97
55) 1,1,2-Trichloroethane	10.573	97	480783	107.155	ug/l		99
56) Ethyl methacrylate	10.438	69	728992	123.738	ug/l		99
57) 1,3-Dichloropropane	10.719	76	849242	108.503	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.713	63	1702898	601.687	ug/l		99
59) 2-Hexanone	10.756	43	1779023	611.110	ug/l		99
60) Dibromochloromethane	10.914	129	649228	107.829	ug/l		100
61) 1,2-Dibromoethane	11.012	107	455334	109.330	ug/l		99
64) Tetrachloroethene	10.646	164	744933	93.105	ug/l		98
65) Chlorobenzene	11.438	112	1871522	101.090	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.511	131	638745	101.559	ug/l		100
67) Ethyl Benzene	11.518	91	3318500	104.941	ug/l		99
68) m/p-Xylenes	11.627	106	2543178	208.706	ug/l		100
69) o-Xylene	11.950	106	1221395	106.915	ug/l		99
70) Styrene	11.969	104	2040807	108.445	ug/l		100
71) Bromoform	12.127	173	399426	108.876	ug/l	#	100
73) Isopropylbenzene	12.249	105	3180547	104.287	ug/l		99
74) N-amyl acetate	12.066	43	820749	120.457	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.505	83	562127	111.952	ug/l		100
76) 1,2,3-Trichloropropane	12.554	75	394480m	105.969	ug/l		
77) Bromobenzene	12.530	156	742728	103.539	ug/l		99
78) n-propylbenzene	12.591	91	3816360	103.936	ug/l		100
79) 2-Chlorotoluene	12.676	91	2180570	103.184	ug/l		99
80) 1,3,5-Trimethylbenzene	12.737	105	2597326	104.323	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.298	75	203291	114.988	ug/l		97
82) 4-Chlorotoluene	12.773	91	2225711	102.551	ug/l		99
83) tert-Butylbenzene	12.993	119	2392858	106.985	ug/l		99
84) 1,2,4-Trimethylbenzene	13.042	105	2617729	105.207	ug/l		99
85) sec-Butylbenzene	13.170	105	3440649	104.213	ug/l		100
86) p-Isopropyltoluene	13.286	119	2897085	104.982	ug/l		100
87) 1,3-Dichlorobenzene	13.286	146	1459661	101.530	ug/l		100
88) 1,4-Dichlorobenzene	13.365	146	1427947	99.506	ug/l		100
89) n-Butylbenzene	13.615	91	2702445	106.802	ug/l		99
90) Hexachloroethane	13.877	117	586931	101.229	ug/l		99
91) 1,2-Dichlorobenzene	13.657	146	1290309	102.632	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	94238	112.126	ug/l		97
93) 1,2,4-Trichlorobenzene	14.919	180	815534	108.798	ug/l		99
94) Hexachlorobutadiene	15.017	225	468190	100.295	ug/l		99
95) Naphthalene	15.139	128	1577765	124.808	ug/l		99
96) 1,2,3-Trichlorobenzene	15.328	180	702369	110.019	ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112625\
Data File : VY023813.D
Acq On : 26 Nov 2025 09:39
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 12/01/2025
Supervised By :Mahesh Dadoda 12/02/2025

Quant Time: Nov 27 00:59:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112625S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 27 00:55:03 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

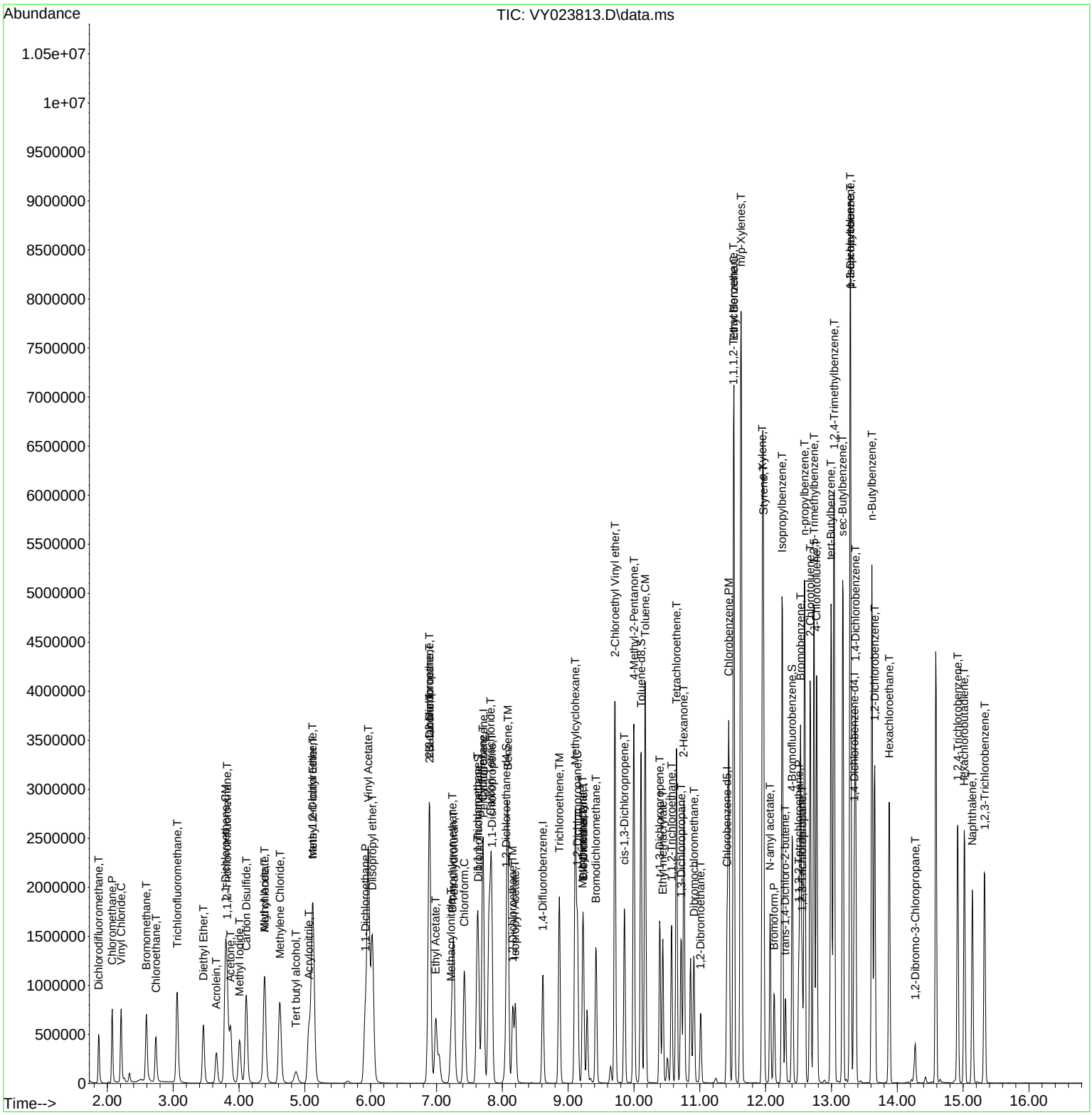
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112625\
Data File : VY023813.D
Acq On : 26 Nov 2025 09:39
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 27 00:59:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112625S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 27 00:55:03 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/01/2025
Supervised By :Mahesh Dadoda 12/02/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112625\
Data File : VY023814.D
Acq On : 26 Nov 2025 10:02
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 12/01/2025
Supervised By :Mahesh Dadoda 12/02/2025

Quant Time: Nov 27 01:01:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112625S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 27 00:55:03 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	600698	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	946959	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	834229	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	420425	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	856046	146.336	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 292.680%#			
35) Dibromofluoromethane	7.634	113	837234	149.248	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 298.500%#			
50) Toluene-d8	10.109	98	3322724	149.124	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 298.240%#			
62) 4-Bromofluorobenzene	12.402	95	1108449	151.192	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 302.380%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	601715	132.916	ug/l	98
3) Chloromethane	2.068	50	928274	134.033	ug/l	99
4) Vinyl Chloride	2.208	62	1044707	139.444	ug/l	99
5) Bromomethane	2.586	94	703715	133.151	ug/l	100
6) Chloroethane	2.733	64	670264	137.277	ug/l	99
7) Trichlorofluoromethane	3.056	101	1429848	141.163	ug/l	99
8) Diethyl Ether	3.458	74	481277	150.861	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.818	101	820578	138.806	ug/l	99
10) Methyl Iodide	4.007	142	974572	150.442	ug/l	100
11) Tert butyl alcohol	4.860	59	319683	665.384	ug/l	99
12) 1,1-Dichloroethene	3.787	96	848390	145.874	ug/l	98
13) Acrolein	3.653	56	532210	770.569	ug/l	98
14) Allyl chloride	4.385	41	1393233	151.215	ug/l	99
15) Acrylonitrile	5.061	53	1062165	771.414	ug/l	99
16) Acetone	3.867	43	1198260	710.947	ug/l	99
17) Carbon Disulfide	4.104	76	2632645	140.262	ug/l	99
18) Methyl Acetate	4.385	43	486609	149.501	ug/l	100
19) Methyl tert-butyl Ether	5.122	73	2319472	156.059	ug/l	98
20) Methylene Chloride	4.616	84	900300	126.350	ug/l	98
21) trans-1,2-Dichloroethene	5.116	96	934021	145.048	ug/l	98
22) Diisopropyl ether	6.019	45	2939745	147.561	ug/l	98
23) Vinyl Acetate	5.958	43	8572152	773.764	ug/l	99
24) 1,1-Dichloroethane	5.915	63	1706556	145.612	ug/l	98
25) 2-Butanone	6.896	43	1540693	749.039	ug/l	97
26) 2,2-Dichloropropane	6.884	77	1476118	142.093	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	1104064	147.646	ug/l	98
28) Bromochloromethane	7.244	49	695302	142.624	ug/l	97
29) Tetrahydrofuran	7.262	42	893027	778.423	ug/l	98
30) Chloroform	7.421	83	1698685	144.142	ug/l	99
31) Cyclohexane	7.701	56	1562743	138.952	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	1520934	145.395	ug/l	99
36) 1,1-Dichloropropene	7.835	75	1262718	146.809	ug/l	100
37) Ethyl Acetate	6.988	43	620680	153.419	ug/l	98
38) Carbon Tetrachloride	7.817	117	1372641	145.392	ug/l	99
39) Methylcyclohexane	9.110	83	1713475	150.843	ug/l	98
40) Benzene	8.079	78	3849599	145.441	ug/l	99

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112625\
Data File : VY023814.D
Acq On : 26 Nov 2025 10:02
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 12/01/2025
Supervised By :Mahesh Dadoda 12/02/2025

Quant Time: Nov 27 01:01:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112625S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 27 00:55:03 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.226	41	311028	150.420	ug/l		95
42) 1,2-Dichloroethane	8.158	62	1005917	147.416	ug/l		100
43) Isopropyl Acetate	8.195	43	1196776	158.296	ug/l		100
44) Trichloroethene	8.866	130	994754	146.477	ug/l		98
45) 1,2-Dichloropropane	9.140	63	919872	147.402	ug/l		100
46) Dibromomethane	9.231	93	504506	148.984	ug/l		99
47) Bromodichloromethane	9.420	83	1306863	147.672	ug/l		97
48) Methyl methacrylate	9.219	41	590425	165.868	ug/l		98
49) 1,4-Dioxane	9.231	88	124481	3280.044	ug/l		96
51) 4-Methyl-2-Pentanone	10.000	43	3170958	796.719	ug/l		98
52) Toluene	10.170	92	2460265	149.938	ug/l		99
53) t-1,3-Dichloropropene	10.390	75	1277548	157.592	ug/l		99
54) cis-1,3-Dichloropropene	9.853	75	1493215	153.879	ug/l		97
55) 1,1,2-Trichloroethane	10.573	97	683158	150.604	ug/l		99
56) Ethyl methacrylate	10.439	69	1032641	173.374	ug/l		98
57) 1,3-Dichloropropane	10.719	76	1200769	151.747	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.713	63	2463679	861.030	ug/l		99
59) 2-Hexanone	10.756	43	2368612	804.792	ug/l		98
60) Dibromochloromethane	10.908	129	926239	152.165	ug/l		100
61) 1,2-Dibromoethane	11.012	107	643233	152.768	ug/l		98
64) Tetrachloroethene	10.646	164	1113104	140.652	ug/l		98
65) Chlorobenzene	11.438	112	2687113	146.742	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.512	131	918816	147.698	ug/l		99
67) Ethyl Benzene	11.518	91	4773051	152.600	ug/l		98
68) m/p-Xylenes	11.627	106	3645935	302.497	ug/l		99
69) o-Xylene	11.950	106	1738989	153.898	ug/l		99
70) Styrene	11.969	104	2910104	156.340	ug/l		99
71) Bromoform	12.133	173	553261	152.468	ug/l	#	99
73) Isopropylbenzene	12.255	105	4527406	151.730	ug/l		99
74) N-amyl acetate	12.066	43	1114480	167.182	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.505	83	755313	153.751	ug/l		100
76) 1,2,3-Trichloropropane	12.554	75	544238m	149.429	ug/l		
77) Bromobenzene	12.530	156	1049744	149.572	ug/l		100
78) n-propylbenzene	12.591	91	5331513	148.409	ug/l		100
79) 2-Chlorotoluene	12.676	91	3067460	148.359	ug/l		99
80) 1,3,5-Trimethylbenzene	12.737	105	3678919	151.031	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.298	75	278511	161.016	ug/l		96
82) 4-Chlorotoluene	12.774	91	3140270	147.888	ug/l		99
83) tert-Butylbenzene	12.993	119	3332737	152.301	ug/l		100
84) 1,2,4-Trimethylbenzene	13.042	105	3664408	150.528	ug/l		98
85) sec-Butylbenzene	13.176	105	4807442	148.829	ug/l		100
86) p-Isopropyltoluene	13.292	119	4065975	150.596	ug/l		99
87) 1,3-Dichlorobenzene	13.286	146	2075260	147.539	ug/l		100
88) 1,4-Dichlorobenzene	13.365	146	2018866	143.793	ug/l		100
89) n-Butylbenzene	13.615	91	3822638	154.412	ug/l		99
90) Hexachloroethane	13.877	117	825534	145.528	ug/l		99
91) 1,2-Dichlorobenzene	13.657	146	1805086	146.751	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	126081	153.329	ug/l		97
93) 1,2,4-Trichlorobenzene	14.919	180	1185872	161.700	ug/l		99
94) Hexachlorobutadiene	15.023	225	666251	145.877	ug/l		99
95) Naphthalene	15.139	128	2257476	182.522	ug/l		100
96) 1,2,3-Trichlorobenzene	15.328	180	1034791	165.673	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112625\
Data File : VY023814.D
Acq On : 26 Nov 2025 10:02
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 12/01/2025
Supervised By :Mahesh Dadoda 12/02/2025

Quant Time: Nov 27 01:01:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112625S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 27 00:55:03 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

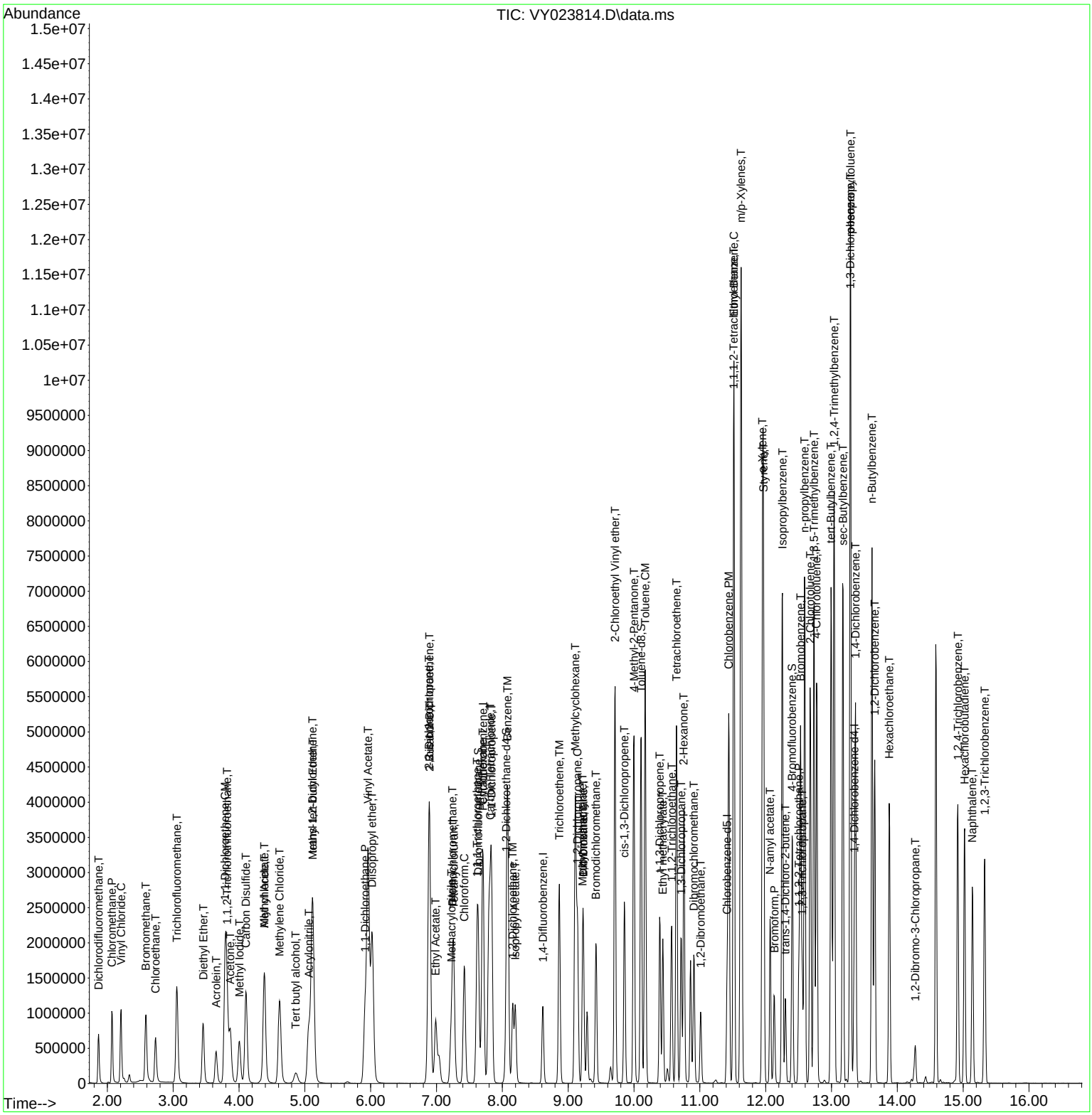
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112625\
Data File : VY023814.D
Acq On : 26 Nov 2025 10:02
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 27 01:01:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112625S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 27 00:55:03 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/01/2025
Supervised By :Mahesh Dadoda 12/02/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112625\
Data File : VY023816.D
Acq On : 26 Nov 2025 10:50
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY112625

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/01/2025
Supervised By :Mahesh Dadoda 12/02/2025

Quant Time: Nov 27 01:17:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112625S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 27 01:14:36 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	605213	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	946786	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	823538	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	425396	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	291561	49.469	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 98.940%			
35) Dibromofluoromethane	7.634	113	283457	50.539	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.080%			
50) Toluene-d8	10.103	98	1142465	51.283	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 102.560%			
62) 4-Bromofluorobenzene	12.401	95	374049	51.029	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 102.060%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	199844	43.815	ug/l	97
3) Chloromethane	2.074	50	326559	46.800	ug/l	98
4) Vinyl Chloride	2.208	62	360242	47.725	ug/l	100
5) Bromomethane	2.598	94	240840	45.230	ug/l	97
6) Chloroethane	2.739	64	233552	47.477	ug/l	99
7) Trichlorofluoromethane	3.062	101	485263	47.551	ug/l	99
8) Diethyl Ether	3.458	74	157529	49.011	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.818	101	280967	47.173	ug/l	99
10) Methyl Iodide	4.007	142	310869	47.630	ug/l	100
11) Tert butyl alcohol	4.854	59	102898	212.573	ug/l	100
12) 1,1-Dichloroethene	3.793	96	284850	48.612	ug/l	100
13) Acrolein	3.653	56	163680	235.219	ug/l	99
14) Allyl chloride	4.385	41	462858	49.862	ug/l	99
15) Acrylonitrile	5.055	53	345475	249.035	ug/l	98
16) Acetone	3.872	43	401149	236.232	ug/l	99
17) Carbon Disulfide	4.110	76	904681	47.840	ug/l	100
18) Methyl Acetate	4.385	43	159839	48.741	ug/l	100
19) Methyl tert-butyl Ether	5.116	73	755578	50.458	ug/l	99
20) Methylene Chloride	4.616	84	321179	44.739	ug/l	97
21) trans-1,2-Dichloroethene	5.116	96	316475	48.780	ug/l	99
22) Diisopropyl ether	6.018	45	1020554	50.845	ug/l	99
23) Vinyl Acetate	5.964	43	2908683	260.593	ug/l	99
24) 1,1-Dichloroethane	5.921	63	574662	48.667	ug/l	98
25) 2-Butanone	6.896	43	509151	245.687	ug/l	99
26) 2,2-Dichloropropane	6.884	77	504372	48.189	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	372903	49.496	ug/l	98
28) Bromochloromethane	7.250	49	246577	50.202	ug/l	100
29) Tetrahydrofuran	7.262	42	292492	253.054	ug/l	100
30) Chloroform	7.421	83	578168	48.695	ug/l	99
31) Cyclohexane	7.701	56	531720	46.925	ug/l	99
32) 1,1,1-Trichloroethane	7.622	97	512677	48.644	ug/l	100
36) 1,1-Dichloropropene	7.835	75	428863	49.871	ug/l	100
37) Ethyl Acetate	6.988	43	203185	50.232	ug/l	98
38) Carbon Tetrachloride	7.823	117	464341	49.193	ug/l	99
39) Methylcyclohexane	9.109	83	568218	50.031	ug/l	98
40) Benzene	8.079	78	1312371	49.591	ug/l	99

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112625\
Data File : VY023816.D
Acq On : 26 Nov 2025 10:50
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 27 01:17:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112625S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 27 01:14:36 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY112625

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/01/2025
Supervised By :Mahesh Dadoda 12/02/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.219	41	96227	47.651	ug/l		94
42) 1,2-Dichloroethane	8.158	62	339650	49.784	ug/l		99
43) Isopropyl Acetate	8.201	43	391123	51.743	ug/l		100
44) Trichloroethene	8.865	130	339157	49.950	ug/l		98
45) 1,2-Dichloropropane	9.140	63	313901	50.309	ug/l		100
46) Dibromomethane	9.231	93	167417	49.448	ug/l		99
47) Bromodichloromethane	9.426	83	443038	50.071	ug/l		96
48) Methyl methacrylate	9.219	41	184165	51.747	ug/l		96
49) 1,4-Dioxane	9.225	88	38346	1010.592	ug/l		98
51) 4-Methyl-2-Pentanone	9.999	43	1058487	265.999	ug/l		100
52) Toluene	10.170	92	844866	51.499	ug/l		99
53) t-1,3-Dichloropropene	10.396	75	419288	51.731	ug/l		99
54) cis-1,3-Dichloropropene	9.859	75	493811	50.897	ug/l		96
55) 1,1,2-Trichloroethane	10.572	97	229436	50.589	ug/l		98
56) Ethyl methacrylate	10.438	69	324025	54.412	ug/l		99
57) 1,3-Dichloropropane	10.719	76	399949	50.553	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.713	63	786072	274.774	ug/l		100
59) 2-Hexanone	10.761	43	775397	263.508	ug/l		100
60) Dibromochloromethane	10.908	129	308866	50.751	ug/l		100
61) 1,2-Dibromoethane	11.011	107	214926	51.054	ug/l		97
64) Tetrachloroethene	10.646	164	392925	50.295	ug/l		99
65) Chlorobenzene	11.438	112	903776	49.995	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.517	131	310931	50.631	ug/l		98
67) Ethyl Benzene	11.517	91	1605188	51.986	ug/l		100
68) m/p-Xylenes	11.627	106	1224804	102.939	ug/l		99
69) o-Xylene	11.950	106	576057	51.642	ug/l		99
70) Styrene	11.969	104	965758	52.557	ug/l		100
71) Bromoform	12.127	173	180986	50.524	ug/l	#	100
73) Isopropylbenzene	12.249	105	1536018	50.876	ug/l		100
74) N-amyl acetate	12.066	43	355965	52.774	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.505	83	244226	49.133	ug/l		99
76) 1,2,3-Trichloropropane	12.554	75	187263m	50.621	ug/l		
77) Bromobenzene	12.529	156	351980	49.566	ug/l		100
78) n-propylbenzene	12.597	91	1836538	50.525	ug/l		100
79) 2-Chlorotoluene	12.676	91	1039622	49.694	ug/l		99
80) 1,3,5-Trimethylbenzene	12.737	105	1253868	50.874	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.304	75	90392	51.648	ug/l		96
82) 4-Chlorotoluene	12.773	91	1076490	50.104	ug/l		100
83) tert-Butylbenzene	12.993	119	1130264	51.048	ug/l		99
84) 1,2,4-Trimethylbenzene	13.042	105	1255424	50.968	ug/l		100
85) sec-Butylbenzene	13.176	105	1657174	50.703	ug/l		100
86) p-Isopropyltoluene	13.291	119	1388004	50.808	ug/l		100
87) 1,3-Dichlorobenzene	13.285	146	699537	49.152	ug/l		100
88) 1,4-Dichlorobenzene	13.365	146	695830	48.981	ug/l		99
89) n-Butylbenzene	13.615	91	1289715	51.488	ug/l		100
90) Hexachloroethane	13.877	117	282963	49.299	ug/l		100
91) 1,2-Dichlorobenzene	13.657	146	619921	49.810	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	41331	49.676	ug/l		99
93) 1,2,4-Trichlorobenzene	14.919	180	373440	50.325	ug/l		99
94) Hexachlorobutadiene	15.023	225	228160	49.372	ug/l		98
95) Naphthalene	15.139	128	665577	53.185	ug/l		100
96) 1,2,3-Trichlorobenzene	15.328	180	321532	50.877	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112625\
Data File : VY023816.D
Acq On : 26 Nov 2025 10:50
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY112625

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/01/2025
Supervised By :Mahesh Dadoda 12/02/2025

Quant Time: Nov 27 01:17:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112625S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 27 01:14:36 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

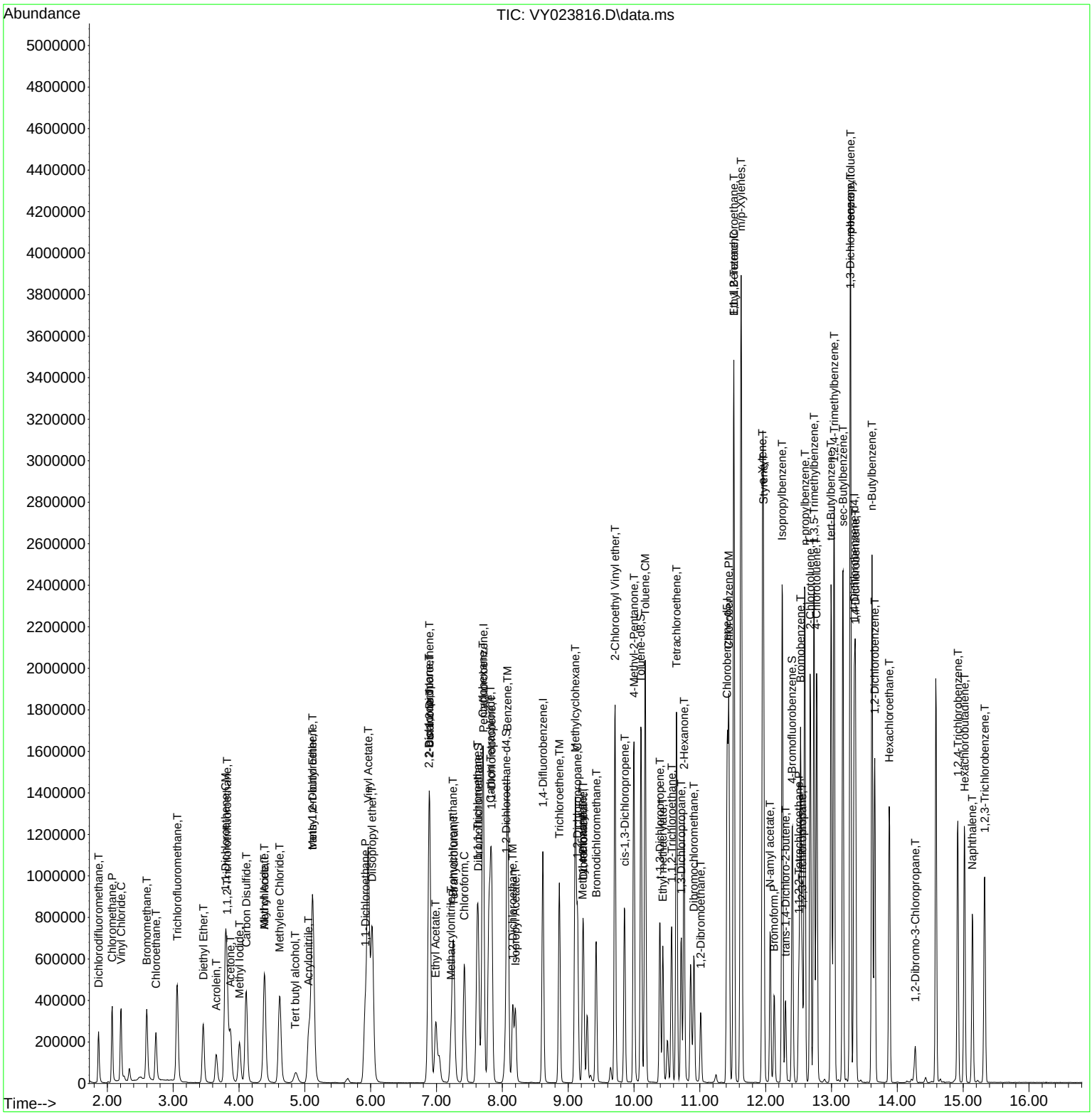
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112625\
Data File : VY023816.D
Acq On : 26 Nov 2025 10:50
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 27 01:17:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112625S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 27 01:14:36 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY112625

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/01/2025
Supervised By :Mahesh Dadoda 12/02/2025



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112625\
Data File : VY023816.D
Acq On : 26 Nov 2025 10:50
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY112625

Quant Time: Nov 27 01:17:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112625S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 27 01:14:36 2025
Response via : Initial Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	1.000	1.000	0.0	106	0.00
2	T	Dichlorodifluoromethane	0.377	0.330	12.5	103	0.00
3	P	Chloromethane	0.576	0.540	6.2	108	0.00
4	C	Vinyl Chloride	0.624	0.595	4.6#	105	0.00
5	T	Bromomethane	0.440	0.398	9.5	110	0.00
6	T	Chloroethane	0.406	0.386	4.9	104	0.00
7	T	Trichlorofluoromethane	0.843	0.802	4.9	105	0.00
8	T	Diethyl Ether	0.266	0.260	2.3	106	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.492	0.464	5.7	104	0.00
10	T	Methyl Iodide	0.539	0.514	4.6	94	0.00
11	T	Tert butyl alcohol	0.040	0.034	15.0	107	0.00
12	CM	1,1-Dichloroethene	0.484	0.471	2.7#	106	0.00
13	T	Acrolein	0.057	0.054	5.3	102	0.00
14	T	Allyl chloride	0.767	0.765	0.3	106	0.00
15	T	Acrylonitrile	0.115	0.114	0.9	105	0.00
16	T	Acetone	0.140	0.133	5.0	104	0.00
17	T	Carbon Disulfide	1.562	1.495	4.3	104	0.00
18	T	Methyl Acetate	0.271	0.264	2.6	109	0.00
19	T	Methyl tert-butyl Ether	1.237	1.248	-0.9	107	0.00
20	T	Methylene Chloride	0.593	0.531	10.5	106	0.00
21	T	trans-1,2-Dichloroethene	0.536	0.523	2.4	106	0.00
22	T	Diisopropyl ether	1.658	1.686	-1.7	106	0.00
23	T	Vinyl Acetate	0.922	0.961	-4.2	106	0.00
24	P	1,1-Dichloroethane	0.976	0.950	2.7	106	0.00
25	T	2-Butanone	0.171	0.168	1.8	106	0.00
26	T	2,2-Dichloropropane	0.865	0.833	3.7	106	0.00
27	T	cis-1,2-Dichloroethene	0.622	0.616	1.0	107	0.00
28	T	Bromochloromethane	0.406	0.407	-0.2	108	0.00
29	T	Tetrahydrofuran	0.095	0.097	-2.1	105	0.00
30	C	Chloroform	0.981	0.955	2.7#	106	0.00
31	T	Cyclohexane	0.936	0.879	6.1	104	0.00
32	T	1,1,1-Trichloroethane	0.871	0.847	2.8	106	0.00
33	S	1,2-Dichloroethane-d4	0.487	0.482	1.0	104	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	106	0.00
35	S	Dibromofluoromethane	0.296	0.299	-1.0	104	0.00
36	T	1,1-Dichloropropene	0.454	0.453	0.2	106	0.00
37	T	Ethyl Acetate	0.214	0.215	-0.5	105	0.00
38	T	Carbon Tetrachloride	0.498	0.490	1.6	105	0.00
39	T	Methylcyclohexane	0.600	0.600	0.0	105	0.00
40	TM	Benzene	1.398	1.386	0.9	106	0.00
41	T	Methacrylonitrile	0.107	0.102	4.7	103	0.00
42	TM	1,2-Dichloroethane	0.360	0.359	0.3	106	0.00
43	T	Isopropyl Acetate	0.399	0.413	-3.5	107	0.00
44	TM	Trichloroethene	0.359	0.358	0.3	107	0.00
45	C	1,2-Dichloropropane	0.330	0.332	-0.6#	106	0.00
46	T	Dibromomethane	0.179	0.177	1.1	105	0.00
47	T	Bromodichloromethane	0.467	0.468	-0.2	107	0.00
48	T	Methyl methacrylate	0.188	0.195	-3.7	103	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112625\
Data File : VY023816.D
Acq On : 26 Nov 2025 10:50
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY112625

Quant Time: Nov 27 01:17:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112625S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 27 01:14:36 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	105	0.00
50	S	Toluene-d8	1.176	1.207	-2.6	105	0.00
51	T	4-Methyl-2-Pentanone	0.210	0.224	-6.7	108	0.00
52	CM	Toluene	0.866	0.892	-3.0#	106	0.00
53	T	t-1,3-Dichloropropene	0.428	0.443	-3.5	107	0.00
54	T	cis-1,3-Dichloropropene	0.512	0.522	-2.0	107	0.00
55	T	1,1,2-Trichloroethane	0.240	0.242	-0.8	106	0.00
56	T	Ethyl methacrylate	0.314	0.342	-8.9	108	0.00
57	T	1,3-Dichloropropane	0.418	0.422	-1.0	106	0.00
58	T	2-Chloroethyl Vinyl ether	0.151	0.166	-9.9	112	0.00
59	T	2-Hexanone	0.155	0.164	-5.8	107	0.00
60	T	Dibromochloromethane	0.321	0.326	-1.6	107	0.00
61	T	1,2-Dibromoethane	0.222	0.227	-2.3	109	0.00
62	S	4-Bromofluorobenzene	0.387	0.395	-2.1	106	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	104	0.00
64	T	Tetrachloroethene	0.474	0.477	-0.6	106	0.00
65	PM	Chlorobenzene	1.098	1.097	0.1	105	0.00
66	T	1,1,1,2-Tetrachloroethane	0.373	0.378	-1.3	107	0.00
67	C	Ethyl Benzene	1.875	1.949	-3.9#	106	0.00
68	T	m/p-Xylenes	0.722	0.744	-3.0	105	0.00
69	T	o-Xylene	0.677	0.699	-3.2	106	0.00
70	T	Styrene	1.116	1.173	-5.1	105	0.00
71	P	Bromoform	0.217	0.220	-1.4	106	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	105	0.00
73	T	Isopropylbenzene	3.549	3.611	-1.7	105	0.00
74	T	N-amyl acetate	0.793	0.837	-5.5	106	0.00
75	P	1,1,2,2-Tetrachloroethane	0.584	0.574	1.7	105	0.00
76	T	1,2,3-Trichloropropane	0.435	0.440	-1.1	105	0.00
77	T	Bromobenzene	0.835	0.827	1.0	106	0.00
78	T	n-propylbenzene	4.272	4.317	-1.1	105	0.00
79	T	2-Chlorotoluene	2.459	2.444	0.6	104	0.00
80	T	1,3,5-Trimethylbenzene	2.897	2.948	-1.8	105	0.00
81	T	trans-1,4-Dichloro-2-butene	0.206	0.212	-2.9	108	0.00
82	T	4-Chlorotoluene	2.525	2.531	-0.2	104	0.00
83	T	tert-Butylbenzene	2.602	2.657	-2.1	106	0.00
84	T	1,2,4-Trimethylbenzene	2.895	2.951	-1.9	105	0.00
85	T	sec-Butylbenzene	3.842	3.896	-1.4	104	0.00
86	T	p-Isopropyltoluene	3.211	3.263	-1.6	104	0.00
87	T	1,3-Dichlorobenzene	1.673	1.644	1.7	105	0.00
88	T	1,4-Dichlorobenzene	1.670	1.636	2.0	106	0.00
89	T	n-Butylbenzene	2.944	3.032	-3.0	105	0.00
90	T	Hexachloroethane	0.675	0.665	1.5	106	0.00
91	T	1,2-Dichlorobenzene	1.463	1.457	0.4	105	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.098	0.097	1.0	108	0.00
93	T	1,2,4-Trichlorobenzene	0.872	0.878	-0.7	106	0.00
94	T	Hexachlorobutadiene	0.543	0.536	1.3	107	0.00
95	T	Naphthalene	1.471	1.565	-6.4	108	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112625\
Data File : VY023816.D
Acq On : 26 Nov 2025 10:50
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY112625

Quant Time: Nov 27 01:17:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112625S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 27 01:14:36 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	0.743	0.756	-1.7	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\VY112625\
Data File : VY023816.D
Acq On : 26 Nov 2025 10:50
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY112625

Quant Time: Nov 27 01:17:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112625S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 27 01:14:36 2025
Response via : Initial Calibration

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

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	50.000	50.000	0.0	106	0.00
2	T	Dichlorodifluoromethane	50.000	43.815	12.4	103	0.00
3	P	Chloromethane	50.000	46.800	6.4	108	0.00
4	C	Vinyl Chloride	50.000	47.725	4.5#	105	0.00
5	T	Bromomethane	50.000	45.230	9.5	110	0.00
6	T	Chloroethane	50.000	47.477	5.0	104	0.00
7	T	Trichlorofluoromethane	50.000	47.551	4.9	105	0.00
8	T	Diethyl Ether	50.000	49.011	2.0	106	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	47.173	5.7	104	0.00
10	T	Methyl Iodide	50.000	47.630	4.7	94	0.00
11	T	Tert butyl alcohol	250.000	212.573	15.0	107	0.00
12	CM	1,1-Dichloroethene	50.000	48.612	2.8#	106	0.00
13	T	Acrolein	250.000	235.219	5.9	102	0.00
14	T	Allyl chloride	50.000	49.862	0.3	106	0.00
15	T	Acrylonitrile	250.000	249.035	0.4	105	0.00
16	T	Acetone	250.000	236.232	5.5	104	0.00
17	T	Carbon Disulfide	50.000	47.840	4.3	104	0.00
18	T	Methyl Acetate	50.000	48.741	2.5	109	0.00
19	T	Methyl tert-butyl Ether	50.000	50.458	-0.9	107	0.00
20	T	Methylene Chloride	50.000	44.739	10.5	106	0.00
21	T	trans-1,2-Dichloroethene	50.000	48.780	2.4	106	0.00
22	T	Diisopropyl ether	50.000	50.845	-1.7	106	0.00
23	T	Vinyl Acetate	250.000	260.593	-4.2	106	0.00
24	P	1,1-Dichloroethane	50.000	48.667	2.7	106	0.00
25	T	2-Butanone	250.000	245.687	1.7	106	0.00
26	T	2,2-Dichloropropane	50.000	48.189	3.6	106	0.00
27	T	cis-1,2-Dichloroethene	50.000	49.496	1.0	107	0.00
28	T	Bromochloromethane	50.000	50.202	-0.4	108	0.00
29	T	Tetrahydrofuran	250.000	253.054	-1.2	105	0.00
30	C	Chloroform	50.000	48.695	2.6#	106	0.00
31	T	Cyclohexane	50.000	46.925	6.2	104	0.00
32	T	1,1,1-Trichloroethane	50.000	48.644	2.7	106	0.00
33	S	1,2-Dichloroethane-d4	50.000	49.469	1.1	104	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	106	0.00
35	S	Dibromofluoromethane	50.000	50.539	-1.1	104	0.00
36	T	1,1-Dichloropropene	50.000	49.871	0.3	106	0.00
37	T	Ethyl Acetate	50.000	50.232	-0.5	105	0.00
38	T	Carbon Tetrachloride	50.000	49.193	1.6	105	0.00
39	T	Methylcyclohexane	50.000	50.031	-0.1	105	0.00
40	TM	Benzene	50.000	49.591	0.8	106	0.00
41	T	Methacrylonitrile	50.000	47.651	4.7	103	0.00
42	TM	1,2-Dichloroethane	50.000	49.784	0.4	106	0.00
43	T	Isopropyl Acetate	50.000	51.743	-3.5	107	0.00
44	TM	Trichloroethene	50.000	49.950	0.1	107	0.00
45	C	1,2-Dichloropropane	50.000	50.309	-0.6#	106	0.00
46	T	Dibromomethane	50.000	49.448	1.1	105	0.00
47	T	Bromodichloromethane	50.000	50.071	-0.1	107	0.00
48	T	Methyl methacrylate	50.000	51.747	-3.5	103	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112625\
Data File : VY023816.D
Acq On : 26 Nov 2025 10:50
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY112625

Quant Time: Nov 27 01:17:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112625S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 27 01:14:36 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	1010.592	-1.1	105	0.00
50	S	Toluene-d8	50.000	51.283	-2.6	105	0.00
51	T	4-Methyl-2-Pentanone	250.000	265.999	-6.4	108	0.00
52	CM	Toluene	50.000	51.499	-3.0#	106	0.00
53	T	t-1,3-Dichloropropene	50.000	51.731	-3.5	107	0.00
54	T	cis-1,3-Dichloropropene	50.000	50.897	-1.8	107	0.00
55	T	1,1,2-Trichloroethane	50.000	50.589	-1.2	106	0.00
56	T	Ethyl methacrylate	50.000	54.412	-8.8	108	0.00
57	T	1,3-Dichloropropane	50.000	50.553	-1.1	106	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	274.774	-9.9	112	0.00
59	T	2-Hexanone	250.000	263.508	-5.4	107	0.00
60	T	Dibromochloromethane	50.000	50.751	-1.5	107	0.00
61	T	1,2-Dibromoethane	50.000	51.054	-2.1	109	0.00
62	S	4-Bromofluorobenzene	50.000	51.029	-2.1	106	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	104	0.00
64	T	Tetrachloroethene	50.000	50.295	-0.6	106	0.00
65	PM	Chlorobenzene	50.000	49.995	0.0	105	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	50.631	-1.3	107	0.00
67	C	Ethyl Benzene	50.000	51.986	-4.0#	106	0.00
68	T	m/p-Xylenes	100.000	102.939	-2.9	105	0.00
69	T	o-Xylene	50.000	51.642	-3.3	106	0.00
70	T	Styrene	50.000	52.557	-5.1	105	0.00
71	P	Bromoform	50.000	50.524	-1.0	106	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	105	0.00
73	T	Isopropylbenzene	50.000	50.876	-1.8	105	0.00
74	T	N-amyl acetate	50.000	52.774	-5.5	106	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	49.133	1.7	105	0.00
76	T	1,2,3-Trichloropropane	50.000	50.621	-1.2	105	0.00
77	T	Bromobenzene	50.000	49.566	0.9	106	0.00
78	T	n-propylbenzene	50.000	50.525	-1.0	105	0.00
79	T	2-Chlorotoluene	50.000	49.694	0.6	104	0.00
80	T	1,3,5-Trimethylbenzene	50.000	50.874	-1.7	105	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	51.648	-3.3	108	0.00
82	T	4-Chlorotoluene	50.000	50.104	-0.2	104	0.00
83	T	tert-Butylbenzene	50.000	51.048	-2.1	106	0.00
84	T	1,2,4-Trimethylbenzene	50.000	50.968	-1.9	105	0.00
85	T	sec-Butylbenzene	50.000	50.703	-1.4	104	0.00
86	T	p-Isopropyltoluene	50.000	50.808	-1.6	104	0.00
87	T	1,3-Dichlorobenzene	50.000	49.152	1.7	105	0.00
88	T	1,4-Dichlorobenzene	50.000	48.981	2.0	106	0.00
89	T	n-Butylbenzene	50.000	51.488	-3.0	105	0.00
90	T	Hexachloroethane	50.000	49.299	1.4	106	0.00
91	T	1,2-Dichlorobenzene	50.000	49.810	0.4	105	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	49.676	0.6	108	0.00
93	T	1,2,4-Trichlorobenzene	50.000	50.325	-0.7	106	0.00
94	T	Hexachlorobutadiene	50.000	49.372	1.3	107	0.00
95	T	Naphthalene	50.000	53.185	-6.4	108	0.00

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112625\
Data File : VY023816.D
Acq On : 26 Nov 2025 10:50
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY112625

Quant Time: Nov 27 01:17:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112625S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 27 01:14:36 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	50.877	-1.8	108	0.00

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

Raw Data: **VY023812.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: ROMA02
Lab Code: ACE
SDG No.: Q3725
Instrument ID: MSVOA_Y
Calibration Date/Time: 11/26/2025 09:17
Lab File ID: VY023812.D
Init. Calib. Date(s): 11/26/2025 11/26/2025
Heated Purge: (Y/N) Y
Init. Calib. Time(s): 08:04 10:02
GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.377	0.340		-9.81	
Chloromethane	0.576	0.531		-7.81	
Vinyl Chloride	0.624	0.604		-3.2	
Bromomethane	0.440	0.386		-12.27	
Chloroethane	0.406	0.395		-2.71	
Trichlorofluoromethane	0.843	0.815		-3.32	
Tert butyl alcohol	0.040	0.034		-15	
1,1-Dichloroethene	0.484	0.471		-2.69	
Acrolein	0.057	0.056		-1.75	
Acrylonitrile	0.115	0.115		0	
Acetone	0.140	0.135		-3.57	
Carbon Disulfide	1.562	1.519		-2.75	
Methyl tert-butyl Ether	1.237	1.242		0.4	
Methyl Acetate	0.271	0.257		-5.17	
Methylene Chloride	0.593	0.530		-10.62	
trans-1,2-Dichloroethene	0.536	0.526		-1.87	
1,1-Dichloroethane	0.976	0.955		-2.15	
2-Butanone	0.171	0.169		-1.17	
Carbon Tetrachloride	0.498	0.494		-0.8	
cis-1,2-Dichloroethene	0.622	0.611		-1.77	
Chloroform	0.981	0.961		-2.04	
1,1,1-Trichloroethane	0.871	0.851		-2.3	
Benzene	1.398	1.383		-1.07	
1,2-Dichloroethane	0.360	0.359		-0.28	
Trichloroethene	0.359	0.355		-1.11	
1,2-Dichloropropane	0.330	0.329		-0.3	
Bromodichloromethane	0.467	0.463		-0.86	
Toluene	0.866	0.892		3	
t-1,3-Dichloropropene	0.428	0.438		2.34	
cis-1,3-Dichloropropene	0.512	0.516		0.78	
1,1,2-Trichloroethane	0.240	0.242		0.83	
Dibromochloromethane	0.321	0.322		0.31	
1,2-Dibromoethane	0.222	0.220		-0.9	
Tetrachloroethene	0.474	0.470		-0.84	
Chlorobenzene	1.098	1.093		-0.46	
Ethyl Benzene	1.875	1.918		2.29	
m/p-Xylenes	0.722	0.743		2.91	
o-Xylene	0.677	0.690		1.92	

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

Raw Data: **VY023812.D**

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	Alliance	Contract:	ROMA02
Lab Code:	ACE	SDG No.:	Q3725
Instrument ID:	MSVOA_Y	Calibration Date/Time:	11/26/2025 09:17
Lab File ID:	VY023812.D	Init. Calib. Date(s):	11/26/2025 11/26/2025
Heated Purge: (Y/N)	Y	Init. Calib. Time(s):	08:04 10:02

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Styrene	1.116	1.162		4.12	
Bromoform	0.217	0.216		-0.46	
1,1,2,2-Tetrachloroethane	0.584	0.576		-1.37	
1,2,4-Trimethylbenzene	2.895	2.962		2.31	
1,3-Dichlorobenzene	1.673	1.654		-1.14	
1,4-Dichlorobenzene	1.670	1.635		-2.1	
1,2-Dichlorobenzene	1.463	1.460		-0.2	
1,2-Dibromo-3-Chloropropane	0.098	0.095		-3.06	
1,2,4-Trichlorobenzene	0.872	0.877		0.57	
1,2-Dichloroethane-d4	0.487	0.492		1.03	
Dibromofluoromethane	0.296	0.303		2.37	
Toluene-d8	1.176	1.212		3.06	
4-Bromofluorobenzene	0.387	0.395		2.07	

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112625\
Data File : VY023812.D
Acq On : 26 Nov 2025 09:17
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 27 00:58:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112625S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 27 00:55:03 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/01/2025
Supervised By :Mahesh Dadoda 12/02/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	569944	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	897275	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	788206	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	403440	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	280509	50.539	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.080%			
35) Dibromofluoromethane	7.634	113	271773	51.130	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.260%			
50) Toluene-d8	10.103	98	1087204	51.496	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 103.000%			
62) 4-Bromofluorobenzene	12.408	95	354001	50.959	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 101.920%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	193497	45.049	ug/l	100
3) Chloromethane	2.074	50	302832	46.085	ug/l	100
4) Vinyl Chloride	2.208	62	344155	48.415	ug/l	100
5) Bromomethane	2.598	94	219721	43.817	ug/l	100
6) Chloroethane	2.739	64	225351	48.645	ug/l	100
7) Trichlorofluoromethane	3.062	101	464314	48.313	ug/l	100
8) Diethyl Ether	3.452	74	148973	49.217	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.818	101	269379	48.026	ug/l	100
10) Methyl Iodide	4.007	142	331790	53.981	ug/l	100
11) Tert butyl alcohol	4.860	59	96336	211.332	ug/l	100
12) 1,1-Dichloroethene	3.793	96	268646	48.684	ug/l	100
13) Acrolein	3.653	56	160873	245.491	ug/l	100
14) Allyl chloride	4.385	41	437682	50.067	ug/l	100
15) Acrylonitrile	5.061	53	328696	251.602	ug/l	100
16) Acetone	3.866	43	386104	241.443	ug/l	100
17) Carbon Disulfide	4.110	76	865796	48.617	ug/l	100
18) Methyl Acetate	4.391	43	146747	47.518	ug/l	100
19) Methyl tert-butyl Ether	5.122	73	707682	50.184	ug/l	100
20) Methylene Chloride	4.622	84	301790	44.639	ug/l	100
21) trans-1,2-Dichloroethene	5.116	96	299860	49.079	ug/l	100
22) Diisopropyl ether	6.018	45	962143	50.901	ug/l	100
23) Vinyl Acetate	5.964	43	2733456	260.049	ug/l	100
24) 1,1-Dichloroethane	5.915	63	544251	48.944	ug/l	100
25) 2-Butanone	6.896	43	480977	246.454	ug/l	100
26) 2,2-Dichloropropane	6.884	77	477444	48.439	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	348222	49.080	ug/l	100
28) Bromochloromethane	7.250	49	227548	49.194	ug/l	100
29) Tetrahydrofuran	7.262	42	278158	255.545	ug/l	100
30) Chloroform	7.421	83	547940	49.005	ug/l	100
31) Cyclohexane	7.701	56	510849	47.873	ug/l	100
32) 1,1,1-Trichloroethane	7.616	97	484886	48.854	ug/l	100
36) 1,1-Dichloropropene	7.835	75	404723	49.660	ug/l	100
37) Ethyl Acetate	6.988	43	194341	50.697	ug/l	100
38) Carbon Tetrachloride	7.817	117	443416	49.568	ug/l	100
39) Methylcyclohexane	9.109	83	541715	50.330	ug/l	100
40) Benzene	8.079	78	1241044	49.484	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112625\
Data File : VY023812.D
Acq On : 26 Nov 2025 09:17
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 27 00:58:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112625S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 27 00:55:03 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/01/2025
Supervised By :Mahesh Dadoda 12/02/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	93022	47.478	ug/l	100
42) 1,2-Dichloroethane	8.158	62	321935	49.792	ug/l	100
43) Isopropyl Acetate	8.195	43	364953	50.945	ug/l	100
44) Trichloroethene	8.866	130	318148	49.441	ug/l	100
45) 1,2-Dichloropropane	9.140	63	295491	49.972	ug/l	100
46) Dibromomethane	9.231	93	159296	49.646	ug/l	100
47) Bromodichloromethane	9.420	83	415809	49.587	ug/l	100
48) Methyl methacrylate	9.219	41	178701	52.982	ug/l	100
49) 1,4-Dioxane	9.225	88	36440	1013.353	ug/l	100
51) 4-Methyl-2-Pentanone	9.999	43	983275	260.732	ug/l	100
52) Toluene	10.170	92	800460	51.484	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	392658	51.118	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	462990	50.354	ug/l	100
55) 1,1,2-Trichloroethane	10.573	97	217262	50.548	ug/l	100
56) Ethyl methacrylate	10.438	69	300280	53.207	ug/l	100
57) 1,3-Dichloropropane	10.719	76	378679	50.505	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	704627	259.896	ug/l	100
59) 2-Hexanone	10.762	43	726972	260.683	ug/l	100
60) Dibromochloromethane	10.908	129	289218	50.144	ug/l	100
61) 1,2-Dibromoethane	11.018	107	197826	49.585	ug/l	100
64) Tetrachloroethene	10.646	164	370190	49.509	ug/l	100
65) Chlorobenzene	11.438	112	861821	49.812	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.517	131	291409	49.579	ug/l	100
67) Ethyl Benzene	11.517	91	1511745	51.154	ug/l	100
68) m/p-Xylenes	11.627	106	1171507	102.873	ug/l	100
69) o-Xylene	11.956	106	543887	50.944	ug/l	100
70) Styrene	11.969	104	916028	52.085	ug/l	100
71) Bromoform	12.133	173	170129	49.622	ug/l	100
73) Isopropylbenzene	12.255	105	1456356	50.863	ug/l	100
74) N-amyl acetate	12.072	43	334446	52.282	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.505	83	232224	49.261	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	178780m	51.153	ug/l	
77) Bromobenzene	12.530	156	332397	49.355	ug/l	100
78) n-propylbenzene	12.597	91	1756464	50.952	ug/l	100
79) 2-Chlorotoluene	12.676	91	995768	50.188	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	1197605	51.235	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	83618	50.378	ug/l	100
82) 4-Chlorotoluene	12.773	91	1032380	50.666	ug/l	100
83) tert-Butylbenzene	12.999	119	1065914	50.761	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	1194899	51.151	ug/l	100
85) sec-Butylbenzene	13.176	105	1587946	51.229	ug/l	100
86) p-Isopropyltoluene	13.292	119	1337277	51.615	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	667107	49.424	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	659518	48.952	ug/l	100
89) n-Butylbenzene	13.615	91	1232045	51.863	ug/l	100
90) Hexachloroethane	13.877	117	266931	49.037	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	589140	49.913	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	38151	48.349	ug/l	100
93) 1,2,4-Trichlorobenzene	14.919	180	353935	50.293	ug/l	100
94) Hexachlorobutadiene	15.023	225	213425	48.697	ug/l	100
95) Naphthalene	15.145	128	615986	51.901	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	298647	49.827	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112625\
Data File : VY023812.D
Acq On : 26 Nov 2025 09:17
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 27 00:58:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112625S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 27 00:55:03 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/01/2025
Supervised By :Mahesh Dadoda 12/02/2025

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

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

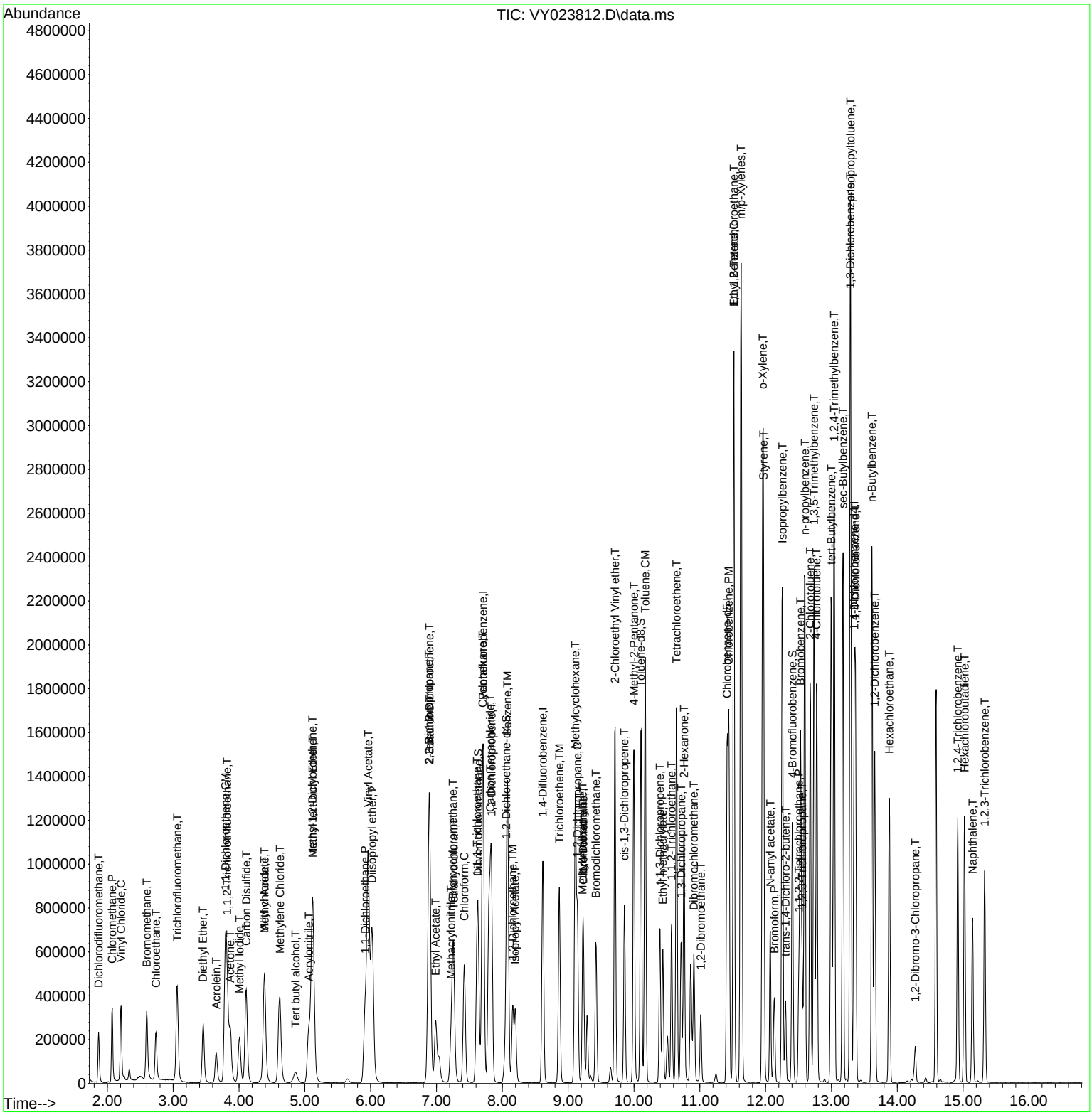
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112625\
Data File : VY023812.D
Acq On : 26 Nov 2025 09:17
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 27 00:58:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112625S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 27 00:55:03 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/01/2025
Supervised By :Mahesh Dadoda 12/02/2025



QC SAMPLE DATA

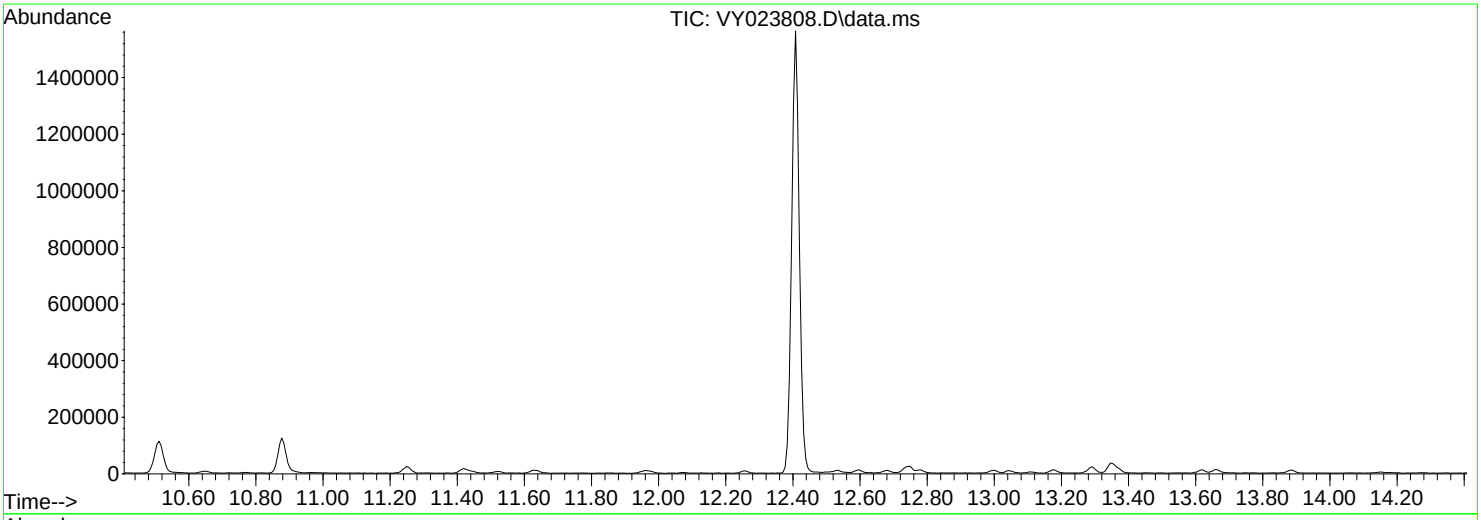
Sample Results: **VY023808.D**

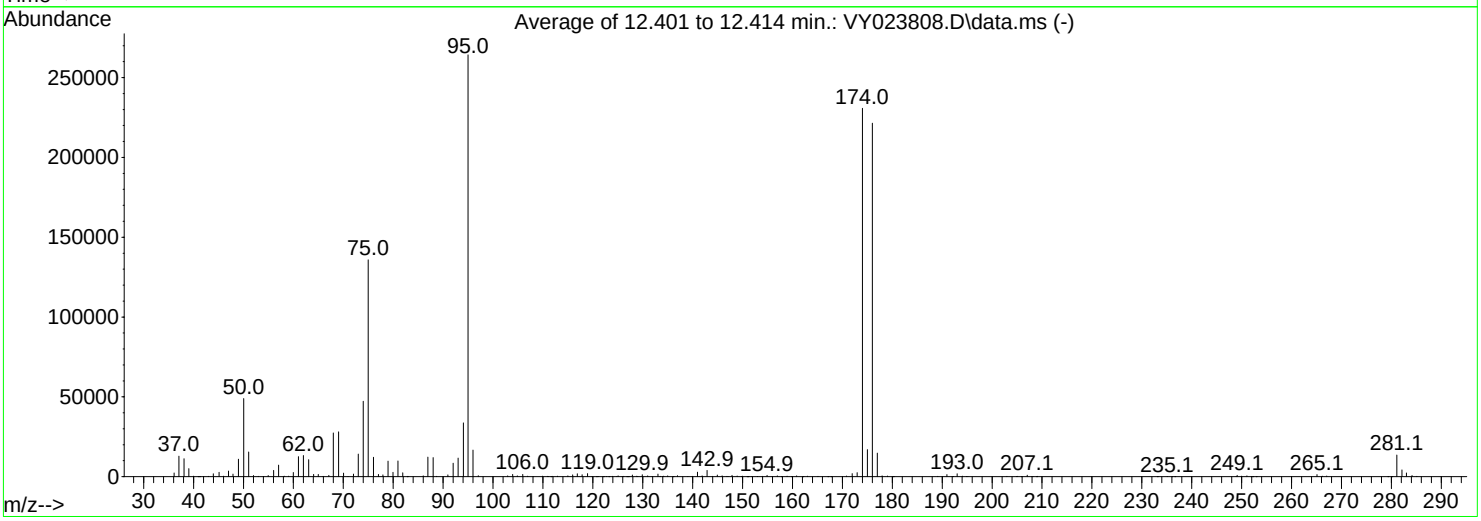
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112625\
Data File : VY023808.D
Acq On : 26 Nov 2025 07:11
Operator : SY/MD
Sample : BFB
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112625S.M
Title : SW846 8260
Last Update : Thu Nov 27 01:14:36 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	18.5	48904	PASS
75	95	30	60	51.4	135885	PASS
95	95	100	100	100.0	264277	PASS
96	95	5	9	6.3	16621	PASS
173	174	0.00	2	1.1	2509	PASS
174	95	50	100	87.3	230763	PASS
175	174	5	9	7.4	16984	PASS
176	174	95	101	96.0	221461	PASS
177	176	5	9	6.6	14721	PASS

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

Report of Analysis

Client:	Roman E&G Corp	Date Collected:	
Project:	AQUA Woolwich Pump Station 22-531	Date Received:	
Client Sample ID:	VY1126SBL01	SDG No.:	Q3725
Lab Sample ID:	VY1126SBL01	Matrix:	SOIL
Analytical Method:	8260D Level: LOW	% Solid:	100
Sample Wt/Vol:	5 g Final Vol: 5000 uL	Test:	VOCGCMS NJ CleanGroup N

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	11/26/25 11:13	VY112625
74-87-3	Chloromethane	1.10	U	1	1.10	5.00	ug/Kg	11/26/25 11:13	VY112625
75-01-4	Vinyl Chloride	0.79	U	1	0.79	5.00	ug/Kg	11/26/25 11:13	VY112625
74-83-9	Bromomethane	1.10	U	1	1.10	5.00	ug/Kg	11/26/25 11:13	VY112625
75-00-3	Chloroethane	1.30	U	1	1.30	5.00	ug/Kg	11/26/25 11:13	VY112625
75-69-4	Trichlorofluoromethane	1.20	U	1	1.20	5.00	ug/Kg	11/26/25 11:13	VY112625
75-65-0	Tert butyl alcohol	13.7	U	1	13.7	25.0	ug/Kg	11/26/25 11:13	VY112625
75-35-4	1,1-Dichloroethene	1.00	U	1	1.00	5.00	ug/Kg	11/26/25 11:13	VY112625
107-02-8	Acrolein	8.80	U	1	8.80	25.0	ug/Kg	11/26/25 11:13	VY112625
107-13-1	Acrylonitrile	5.00	U	1	5.00	25.0	ug/Kg	11/26/25 11:13	VY112625
67-64-1	Acetone	4.70	U	1	4.70	25.0	ug/Kg	11/26/25 11:13	VY112625
75-15-0	Carbon Disulfide	1.10	U	1	1.10	5.00	ug/Kg	11/26/25 11:13	VY112625
1634-04-4	Methyl tert-butyl Ether	0.73	U	1	0.73	5.00	ug/Kg	11/26/25 11:13	VY112625
79-20-9	Methyl Acetate	1.50	U	1	1.50	5.00	ug/Kg	11/26/25 11:13	VY112625
75-09-2	Methylene Chloride	3.50	U	1	3.50	10.0	ug/Kg	11/26/25 11:13	VY112625
156-60-5	trans-1,2-Dichloroethene	0.86	U	1	0.86	5.00	ug/Kg	11/26/25 11:13	VY112625
75-34-3	1,1-Dichloroethane	0.80	U	1	0.80	5.00	ug/Kg	11/26/25 11:13	VY112625
78-93-3	2-Butanone	6.50	U	1	6.50	25.0	ug/Kg	11/26/25 11:13	VY112625
56-23-5	Carbon Tetrachloride	0.97	U	1	0.97	5.00	ug/Kg	11/26/25 11:13	VY112625
156-59-2	cis-1,2-Dichloroethene	0.75	U	1	0.75	5.00	ug/Kg	11/26/25 11:13	VY112625
67-66-3	Chloroform	0.84	U	1	0.84	5.00	ug/Kg	11/26/25 11:13	VY112625
71-55-6	1,1,1-Trichloroethane	0.93	U	1	0.93	5.00	ug/Kg	11/26/25 11:13	VY112625
71-43-2	Benzene	0.79	U	1	0.79	5.00	ug/Kg	11/26/25 11:13	VY112625
107-06-2	1,2-Dichloroethane	0.79	U	1	0.79	5.00	ug/Kg	11/26/25 11:13	VY112625
79-01-6	Trichloroethene	0.81	U	1	0.81	5.00	ug/Kg	11/26/25 11:13	VY112625
78-87-5	1,2-Dichloropropane	0.91	U	1	0.91	5.00	ug/Kg	11/26/25 11:13	VY112625
75-27-4	Bromodichloromethane	0.78	U	1	0.78	5.00	ug/Kg	11/26/25 11:13	VY112625
108-88-3	Toluene	0.78	U	1	0.78	5.00	ug/Kg	11/26/25 11:13	VY112625
10061-02-6	t-1,3-Dichloropropene	0.65	U	1	0.65	5.00	ug/Kg	11/26/25 11:13	VY112625
10061-01-5	cis-1,3-Dichloropropene	0.62	U	1	0.62	5.00	ug/Kg	11/26/25 11:13	VY112625
79-00-5	1,1,2-Trichloroethane	0.92	U	1	0.92	5.00	ug/Kg	11/26/25 11:13	VY112625
124-48-1	Dibromochloromethane	0.87	U	1	0.87	5.00	ug/Kg	11/26/25 11:13	VY112625
106-93-4	1,2-Dibromoethane	0.88	U	1	0.88	5.00	ug/Kg	11/26/25 11:13	VY112625
127-18-4	Tetrachloroethene	1.10	U	1	1.10	5.00	ug/Kg	11/26/25 11:13	VY112625
108-90-7	Chlorobenzene	0.91	U	1	0.91	5.00	ug/Kg	11/26/25 11:13	VY112625
100-41-4	Ethyl Benzene	0.67	U	1	0.67	5.00	ug/Kg	11/26/25 11:13	VY112625
179601-23-1	m/p-Xylenes	1.20	U	1	1.20	10.0	ug/Kg	11/26/25 11:13	VY112625
1330-20-7	Total Xylenes	2.02	U	1	2.02	15.0	ug/Kg	11/26/25 11:13	VY112625
95-47-6	o-Xylene	0.82	U	1	0.82	5.00	ug/Kg	11/26/25 11:13	VY112625
100-42-5	Styrene	0.71	U	1	0.71	5.00	ug/Kg	11/26/25 11:13	VY112625
75-25-2	Bromoform	0.86	U	1	0.86	5.00	ug/Kg	11/26/25 11:13	VY112625
79-34-5	1,1,2,2-Tetrachloroethane	1.20	U	1	1.20	5.00	ug/Kg	11/26/25 11:13	VY112625
95-63-6	1,2,4-Trimethylbenzene	0.64	U	1	0.64	5.00	ug/Kg	11/26/25 11:13	VY112625

Raw Data: **VY023817.D**

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

Report of Analysis

Client:	Roman E&G Corp			Date Collected:	
Project:	AQUA Woolwich Pump Station 22-531			Date Received:	
Client Sample ID:	VY1126SBL01			SDG No.:	Q3725
Lab Sample ID:	VY1126SBL01			Matrix:	SOIL
Analytical Method:	8260D	Level:	LOW	% Solid:	100
Sample Wt/Vol:	5 g	Final Vol:	5000 uL	Test:	VOCGCMS NJ CleanGroup M

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
541-73-1	1,3-Dichlorobenzene	1.70	U	1	1.70	5.00	ug/Kg	11/26/25 11:13	VY112625
106-46-7	1,4-Dichlorobenzene	1.60	U	1	1.60	5.00	ug/Kg	11/26/25 11:13	VY112625
95-50-1	1,2-Dichlorobenzene	1.50	U	1	1.50	5.00	ug/Kg	11/26/25 11:13	VY112625
96-12-8	1,2-Dibromo-3-Chloropropane	1.80	U	1	1.80	5.00	ug/Kg	11/26/25 11:13	VY112625
120-82-1	1,2,4-Trichlorobenzene	3.00	U	1	3.00	5.00	ug/Kg	11/26/25 11:13	VY112625
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	58.9			70 (63) - 130 (155)	118%	SPK: 50		
1868-53-7	Dibromofluoromethane	53.8			70 (70) - 130 (134)	108%	SPK: 50		
2037-26-5	Toluene-d8	50.0			70 (74) - 130 (123)	100%	SPK: 50		
460-00-4	4-Bromofluorobenzene	44.6			70 (52) - 130 (138)	89%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	798000							
540-36-3	1,4-Difluorobenzene	1470000							
3114-55-4	Chlorobenzene-d5	1240000							
3855-82-1	1,4-Dichlorobenzene-d4	501000							

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\VY112625\
Data File : VY023817.D
Acq On : 26 Nov 2025 11:13
Operator : SY/MD
Sample : VY1126SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1126SBL01

Quant Time: Nov 27 01:17:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112625S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 27 01:14:36 2025
Response via : Initial Calibration

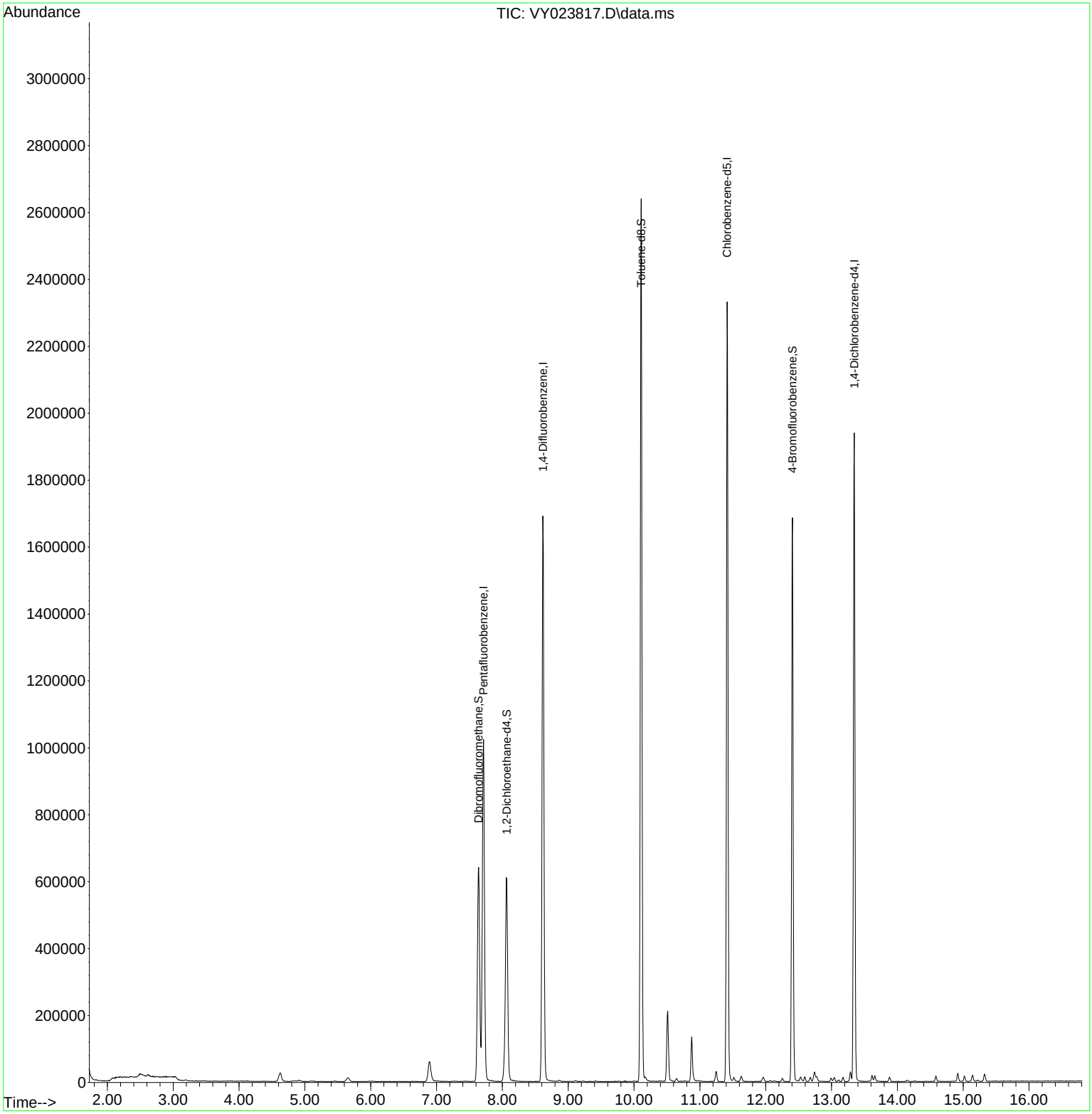
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	798267	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	1469518	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	1241361	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	501293	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	458147	58.934	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 117.860%			
35) Dibromofluoromethane	7.640	113	468262	53.791	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.580%			
50) Toluene-d8	10.109	98	1730074	50.035	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.060%			
62) 4-Bromofluorobenzene	12.407	95	507573	44.614	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 89.220%			
Target Compounds						Qvalue

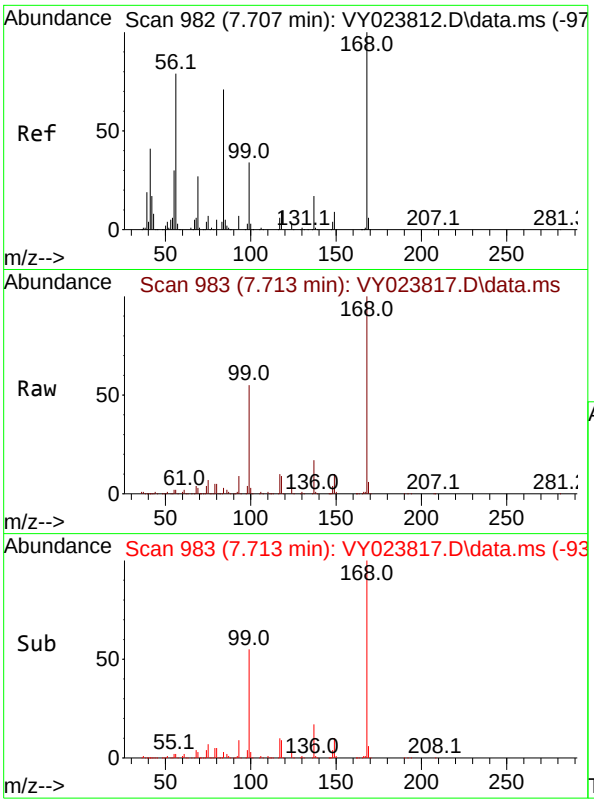
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112625\
Data File : VY023817.D
Acq On : 26 Nov 2025 11:13
Operator : SY/MD
Sample : VY1126SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1126SBL01

Quant Time: Nov 27 01:17:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112625S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 27 01:14:36 2025
Response via : Initial Calibration



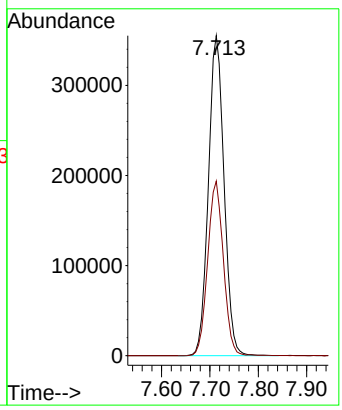


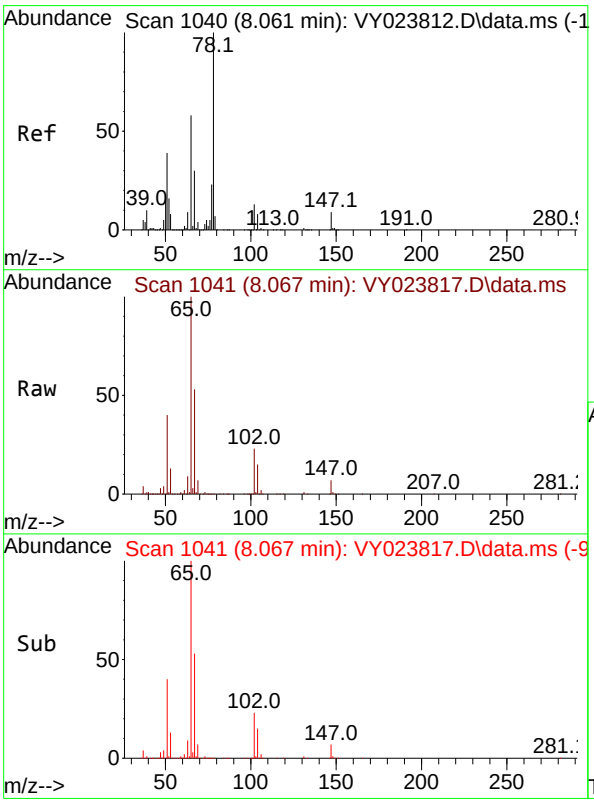
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY023817.D
Acq: 26 Nov 2025 11:13

Instrument :
MSVOA_Y
ClientSampleId :
VY1126SBL01

Tgt Ion:168 Resp: 798267

Ion	Ratio	Lower	Upper
168	100		
99	54.5	44.0	66.0

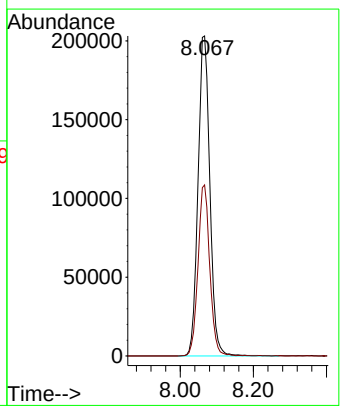


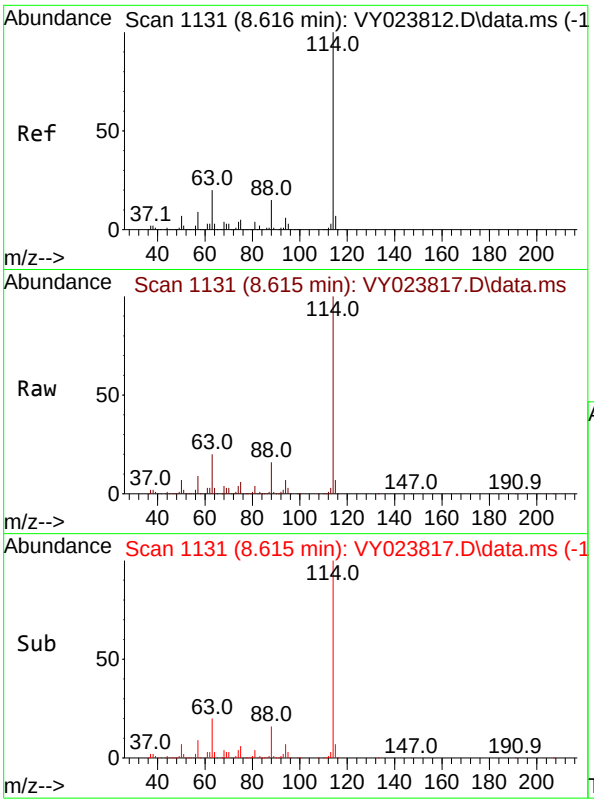


#33
1,2-Dichloroethane-d4
Concen: 58.934 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY023817.D
Acq: 26 Nov 2025 11:13

Tgt Ion: 65 Resp: 458147

Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	107.4



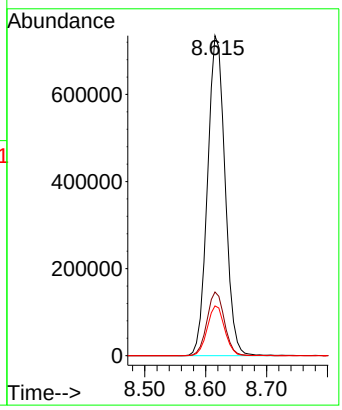


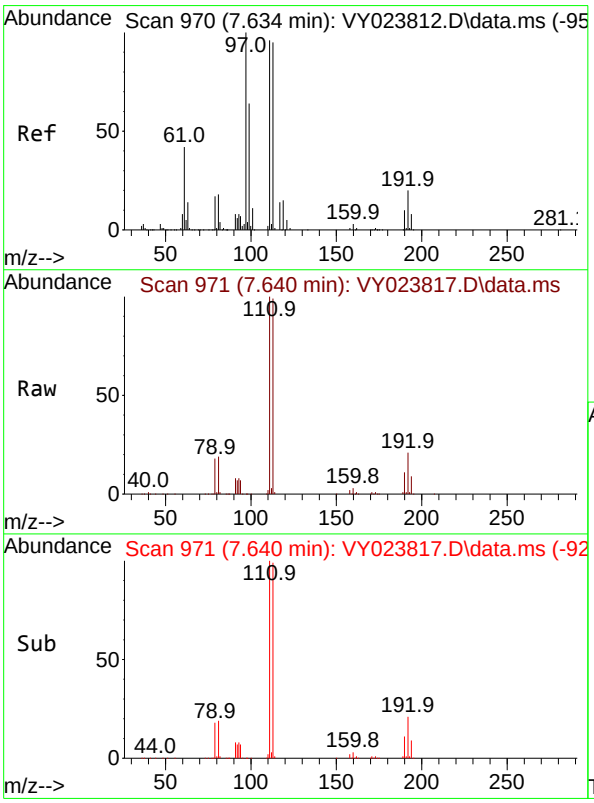
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023817.D
Acq: 26 Nov 2025 11:13

Instrument :
MSVOA_Y
ClientSampleId :
VY1126SBL01

Tgt Ion:114 Resp: 1469518

Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	39.4
88	15.6	0.0	30.8

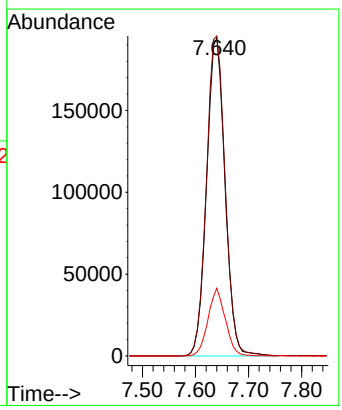


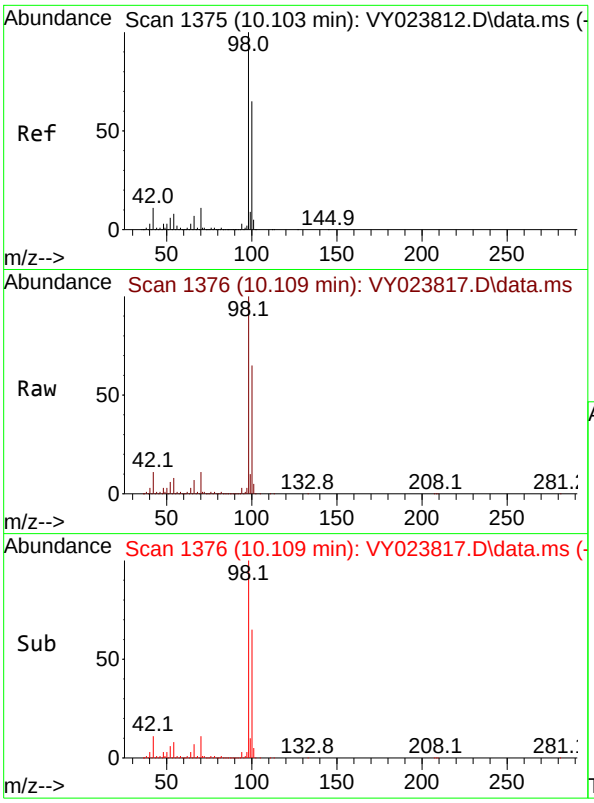


#35
Dibromofluoromethane
Concen: 53.791 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY023817.D
Acq: 26 Nov 2025 11:13

Tgt Ion:113 Resp: 468262

Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.4	122.0
192	20.0	15.8	23.8



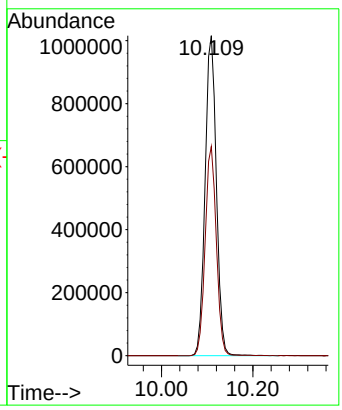


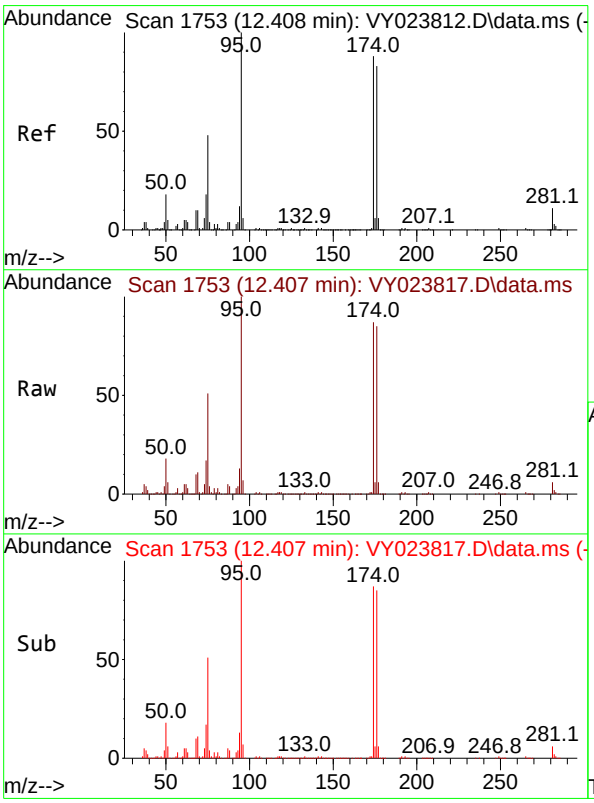
#50
Toluene-d8
Concen: 50.035 ug/l
RT: 10.109 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023817.D
Acq: 26 Nov 2025 11:13

Instrument :
MSVOA_Y
ClientSampleId :
VY1126SBL01

Tgt Ion: 98 Resp: 1730074

Ion	Ratio	Lower	Upper
98	100		
100	64.9	51.9	77.9

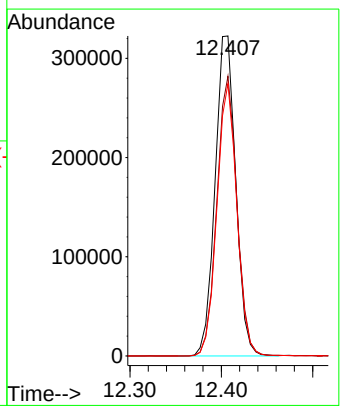


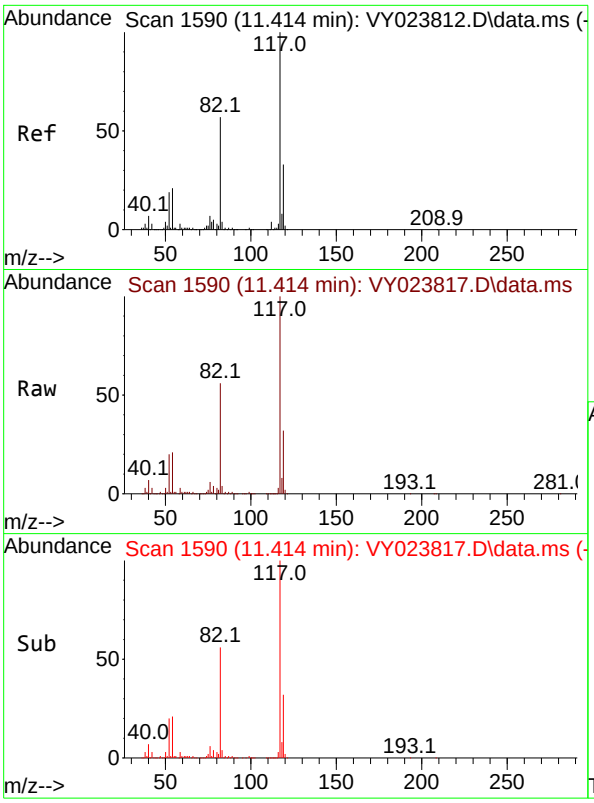


#62
4-Bromofluorobenzene
Concen: 44.614 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY023817.D
Acq: 26 Nov 2025 11:13

Tgt Ion: 95 Resp: 507573

Ion	Ratio	Lower	Upper
95	100		
174	85.1	0.0	168.6
176	82.1	0.0	164.6



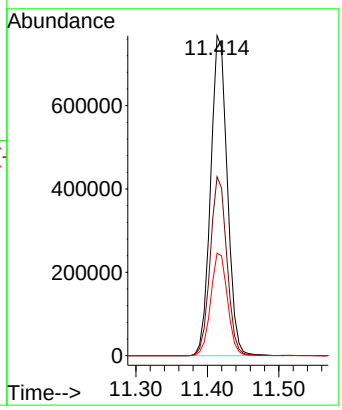


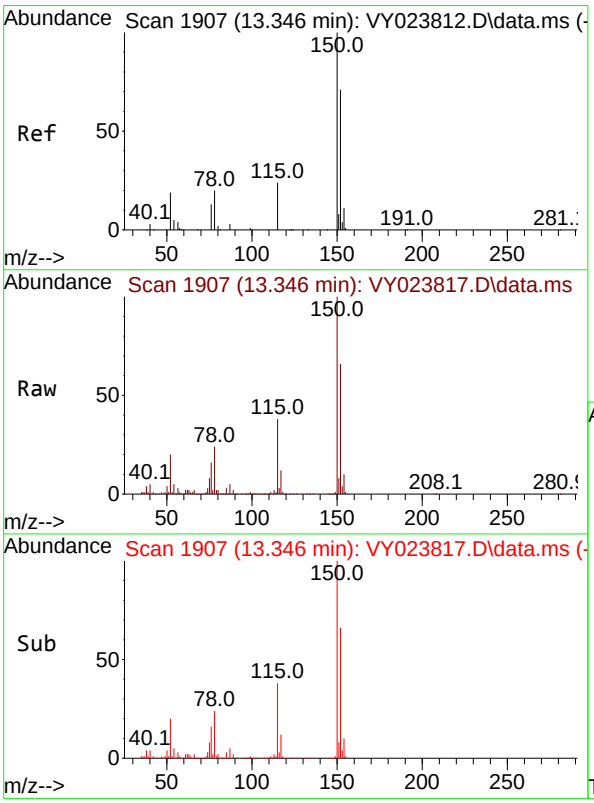
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023817.D
Acq: 26 Nov 2025 11:13

Instrument :
MSVOA_Y
ClientSampleId :
VY1126SBL01

Tgt Ion:117 Resp: 1241361

Ion	Ratio	Lower	Upper
117	100		
82	55.9	45.4	68.0
119	32.0	26.0	39.0

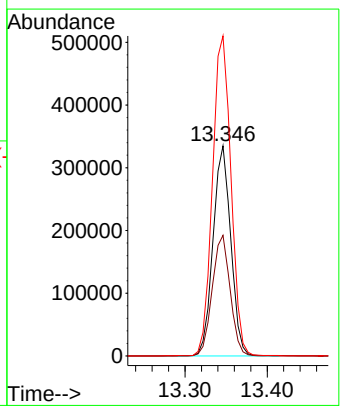




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY023817.D
Acq: 26 Nov 2025 11:13

Tgt Ion:152 Resp: 501293

Ion	Ratio	Lower	Upper
152	100		
115	58.1	28.7	86.3
150	158.5	0.0	345.6



Raw Data: **VY023818.D**

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

Report of Analysis

Client:	Roman E&G Corp	Date Collected:	
Project:	AQUA Woolwich Pump Station 22-531	Date Received:	
Client Sample ID:	VY1126SBS01	SDG No.:	Q3725
Lab Sample ID:	VY1126SBS01	Matrix:	SOIL
Analytical Method:	8260D Level: LOW	% Solid:	100
Sample Wt/Vol:	5 g Final Vol: 5000 uL	Test:	VOCGCMS NJ CleanGroup M

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	21.8		1	1.10	5.00	ug/Kg	11/26/25 11:47	VY112625
74-87-3	Chloromethane	21.3		1	1.10	5.00	ug/Kg	11/26/25 11:47	VY112625
75-01-4	Vinyl Chloride	21.0		1	0.79	5.00	ug/Kg	11/26/25 11:47	VY112625
74-83-9	Bromomethane	21.8		1	1.10	5.00	ug/Kg	11/26/25 11:47	VY112625
75-00-3	Chloroethane	21.4		1	1.30	5.00	ug/Kg	11/26/25 11:47	VY112625
75-69-4	Trichlorofluoromethane	21.1		1	1.20	5.00	ug/Kg	11/26/25 11:47	VY112625
75-65-0	Tert butyl alcohol	100		1	13.7	25.0	ug/Kg	11/26/25 11:47	VY112625
75-35-4	1,1-Dichloroethene	20.9		1	1.00	5.00	ug/Kg	11/26/25 11:47	VY112625
107-02-8	Acrolein	110		1	8.80	25.0	ug/Kg	11/26/25 11:47	VY112625
107-13-1	Acrylonitrile	100		1	5.00	25.0	ug/Kg	11/26/25 11:47	VY112625
67-64-1	Acetone	110		1	4.70	25.0	ug/Kg	11/26/25 11:47	VY112625
75-15-0	Carbon Disulfide	21.3		1	1.10	5.00	ug/Kg	11/26/25 11:47	VY112625
1634-04-4	Methyl tert-butyl Ether	20.9		1	0.73	5.00	ug/Kg	11/26/25 11:47	VY112625
79-20-9	Methyl Acetate	20.6		1	1.50	5.00	ug/Kg	11/26/25 11:47	VY112625
75-09-2	Methylene Chloride	21.2		1	3.50	10.0	ug/Kg	11/26/25 11:47	VY112625
156-60-5	trans-1,2-Dichloroethene	21.4		1	0.86	5.00	ug/Kg	11/26/25 11:47	VY112625
75-34-3	1,1-Dichloroethane	21.1		1	0.80	5.00	ug/Kg	11/26/25 11:47	VY112625
78-93-3	2-Butanone	110		1	6.50	25.0	ug/Kg	11/26/25 11:47	VY112625
56-23-5	Carbon Tetrachloride	20.8		1	0.97	5.00	ug/Kg	11/26/25 11:47	VY112625
156-59-2	cis-1,2-Dichloroethene	20.7		1	0.75	5.00	ug/Kg	11/26/25 11:47	VY112625
67-66-3	Chloroform	20.6		1	0.84	5.00	ug/Kg	11/26/25 11:47	VY112625
71-55-6	1,1,1-Trichloroethane	20.7		1	0.93	5.00	ug/Kg	11/26/25 11:47	VY112625
71-43-2	Benzene	20.8		1	0.79	5.00	ug/Kg	11/26/25 11:47	VY112625
107-06-2	1,2-Dichloroethane	21.4		1	0.79	5.00	ug/Kg	11/26/25 11:47	VY112625
79-01-6	Trichloroethene	21.2		1	0.81	5.00	ug/Kg	11/26/25 11:47	VY112625
78-87-5	1,2-Dichloropropane	20.9		1	0.91	5.00	ug/Kg	11/26/25 11:47	VY112625
75-27-4	Bromodichloromethane	20.9		1	0.78	5.00	ug/Kg	11/26/25 11:47	VY112625
108-88-3	Toluene	20.9		1	0.78	5.00	ug/Kg	11/26/25 11:47	VY112625
10061-02-6	t-1,3-Dichloropropene	20.8		1	0.65	5.00	ug/Kg	11/26/25 11:47	VY112625
10061-01-5	cis-1,3-Dichloropropene	20.7		1	0.62	5.00	ug/Kg	11/26/25 11:47	VY112625
79-00-5	1,1,2-Trichloroethane	21.1		1	0.92	5.00	ug/Kg	11/26/25 11:47	VY112625
124-48-1	Dibromochloromethane	20.6		1	0.87	5.00	ug/Kg	11/26/25 11:47	VY112625
106-93-4	1,2-Dibromoethane	20.7		1	0.88	5.00	ug/Kg	11/26/25 11:47	VY112625
127-18-4	Tetrachloroethene	21.8		1	1.10	5.00	ug/Kg	11/26/25 11:47	VY112625
108-90-7	Chlorobenzene	20.8		1	0.91	5.00	ug/Kg	11/26/25 11:47	VY112625
100-41-4	Ethyl Benzene	20.8		1	0.67	5.00	ug/Kg	11/26/25 11:47	VY112625
179601-23-1	m/p-Xylenes	41.5		1	1.20	10.0	ug/Kg	11/26/25 11:47	VY112625
1330-20-7	Total Xylenes	62.2		1	2.02	15.0	ug/Kg	11/26/25 11:47	VY112625
95-47-6	o-Xylene	20.7		1	0.82	5.00	ug/Kg	11/26/25 11:47	VY112625
100-42-5	Styrene	20.9		1	0.71	5.00	ug/Kg	11/26/25 11:47	VY112625
75-25-2	Bromoform	20.6		1	0.86	5.00	ug/Kg	11/26/25 11:47	VY112625
79-34-5	1,1,2,2-Tetrachloroethane	20.3		1	1.20	5.00	ug/Kg	11/26/25 11:47	VY112625
95-63-6	1,2,4-Trimethylbenzene	20.4		1	0.64	5.00	ug/Kg	11/26/25 11:47	VY112625

Raw Data: **VY023818.D**

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

Report of Analysis

Client:	Roman E&G Corp			Date Collected:	
Project:	AQUA Woolwich Pump Station 22-531			Date Received:	
Client Sample ID:	VY1126SBS01			SDG No.:	Q3725
Lab Sample ID:	VY1126SBS01			Matrix:	SOIL
Analytical Method:	8260D	Level:	LOW	% Solid:	100
Sample Wt/Vol:	5 g	Final Vol:	5000 uL	Test:	VOCGCMS NJ CleanGroup M

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
541-73-1	1,3-Dichlorobenzene	20.4		1	1.70	5.00	ug/Kg	11/26/25 11:47	VY112625
106-46-7	1,4-Dichlorobenzene	20.3		1	1.60	5.00	ug/Kg	11/26/25 11:47	VY112625
95-50-1	1,2-Dichlorobenzene	20.3		1	1.50	5.00	ug/Kg	11/26/25 11:47	VY112625
96-12-8	1,2-Dibromo-3-Chloropropane	20.4		1	1.80	5.00	ug/Kg	11/26/25 11:47	VY112625
120-82-1	1,2,4-Trichlorobenzene	19.9		1	3.00	5.00	ug/Kg	11/26/25 11:47	VY112625
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	50.3			70 (63) - 130 (155)	101%	SPK: 50		
1868-53-7	Dibromofluoromethane	49.0			70 (70) - 130 (134)	98%	SPK: 50		
2037-26-5	Toluene-d8	50.4			70 (74) - 130 (123)	101%	SPK: 50		
460-00-4	4-Bromofluorobenzene	48.8			70 (52) - 130 (138)	98%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	585000							
540-36-3	1,4-Difluorobenzene	927000							
3114-55-4	Chlorobenzene-d5	802000							
3855-82-1	1,4-Dichlorobenzene-d4	409000							

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

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

Sample Results: **VY023818.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112625\
Data File : VY023818.D
Acq On : 26 Nov 2025 11:47
Operator : SY/MD
Sample : VY1126SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 27 01:18:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112625S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 27 01:14:36 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY1126SBS01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/01/2025
Supervised By :Mahesh Dadoda 12/02/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	585172	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	926752	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	802455	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	408679	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	286768	50.322	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.640%			
35) Dibromofluoromethane	7.634	113	268860	48.973	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 97.940%			
50) Toluene-d8	10.109	98	1099449	50.419	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.840%			
62) 4-Bromofluorobenzene	12.402	95	350356	48.830	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 97.660%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	96229	21.820	ug/l	98
3) Chloromethane	2.074	50	143685	21.297	ug/l	98
4) Vinyl Chloride	2.208	62	153442	21.024	ug/l	98
5) Bromomethane	2.592	94	112475	21.846	ug/l	96
6) Chloroethane	2.739	64	101592	21.359	ug/l	96
7) Trichlorofluoromethane	3.062	101	208661	21.147	ug/l	98
8) Diethyl Ether	3.452	74	66090	21.266	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.818	101	123941	21.522	ug/l	99
10) Methyl Iodide	4.007	142	114229	18.101	ug/l	100
11) Tert butyl alcohol	4.866	59	47676	101.865	ug/l #	87
12) 1,1-Dichloroethene	3.787	96	118664	20.945	ug/l	99
13) Acrolein	3.653	56	70817	105.254	ug/l	96
14) Allyl chloride	4.385	41	187027	20.838	ug/l	98
15) Acrylonitrile	5.061	53	139726	104.171	ug/l	99
16) Acetone	3.873	43	182943	111.423	ug/l	98
17) Carbon Disulfide	4.110	76	389212	21.287	ug/l	97
18) Methyl Acetate	4.385	43	65457	20.644	ug/l	98
19) Methyl tert-butyl Ether	5.116	73	302815	20.915	ug/l	95
20) Methylene Chloride	4.616	84	147436	21.240	ug/l	93
21) trans-1,2-Dichloroethene	5.122	96	133936	21.351	ug/l	96
22) Diisopropyl ether	6.019	45	417664	21.521	ug/l	98
23) Vinyl Acetate	5.964	43	1168163	108.242	ug/l	99
24) 1,1-Dichloroethane	5.915	63	240875	21.098	ug/l	97
25) 2-Butanone	6.896	43	220596	110.093	ug/l	99
26) 2,2-Dichloropropane	6.884	77	207993	20.553	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	150845	20.708	ug/l	99
28) Bromochloromethane	7.244	49	95982	20.211	ug/l	99
29) Tetrahydrofuran	7.262	42	115704	103.531	ug/l	99
30) Chloroform	7.421	83	236679	20.616	ug/l	97
31) Cyclohexane	7.701	56	225974	20.626	ug/l	98
32) 1,1,1-Trichloroethane	7.622	97	211057	20.712	ug/l	100
36) 1,1-Dichloropropene	7.835	75	177511	21.088	ug/l	99
37) Ethyl Acetate	6.988	43	85742	21.656	ug/l	99
38) Carbon Tetrachloride	7.817	117	192375	20.821	ug/l	97
39) Methylcyclohexane	9.109	83	234896	21.130	ug/l	98
40) Benzene	8.079	78	538729	20.797	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112625\
Data File : VY023818.D
Acq On : 26 Nov 2025 11:47
Operator : SY/MD
Sample : VY1126SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 27 01:18:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112625S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 27 01:14:36 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY1126SBS01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/01/2025
Supervised By :Mahesh Dadoda 12/02/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.220	41	44015	22.267	ug/l		94
42) 1,2-Dichloroethane	8.158	62	142882	21.396	ug/l		100
43) Isopropyl Acetate	8.201	43	155497	21.016	ug/l	#	88
44) Trichloroethene	8.866	130	140705	21.171	ug/l		99
45) 1,2-Dichloropropane	9.140	63	127828	20.930	ug/l		99
46) Dibromomethane	9.231	93	70530	21.282	ug/l		99
47) Bromodichloromethane	9.420	83	180982	20.896	ug/l		92
48) Methyl methacrylate	9.219	41	75795	21.757	ug/l		98
49) 1,4-Dioxane	9.231	88	15349	413.261	ug/l		95
51) 4-Methyl-2-Pentanone	10.000	43	422979	108.593	ug/l		99
52) Toluene	10.170	92	335586	20.898	ug/l		98
53) t-1,3-Dichloropropene	10.390	75	165346	20.841	ug/l		99
54) cis-1,3-Dichloropropene	9.859	75	196985	20.742	ug/l		98
55) 1,1,2-Trichloroethane	10.573	97	93593	21.083	ug/l		99
56) Ethyl methacrylate	10.438	69	119361	20.477	ug/l		100
57) 1,3-Dichloropropane	10.719	76	162351	20.964	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.713	63	270690	96.666	ug/l		100
59) 2-Hexanone	10.762	43	324760	112.751	ug/l		98
60) Dibromochloromethane	10.908	129	122758	20.607	ug/l		100
61) 1,2-Dibromoethane	11.018	107	85278	20.695	ug/l		100
64) Tetrachloroethene	10.646	164	165668	21.763	ug/l		99
65) Chlorobenzene	11.444	112	365933	20.775	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.518	131	124906	20.874	ug/l		99
67) Ethyl Benzene	11.518	91	626337	20.818	ug/l		99
68) m/p-Xylenes	11.627	106	481476	41.529	ug/l		98
69) o-Xylene	11.950	106	224609	20.665	ug/l		97
70) Styrene	11.969	104	374368	20.909	ug/l		99
71) Bromoform	12.133	173	71858	20.587	ug/l	#	99
73) Isopropylbenzene	12.255	105	592840	20.439	ug/l		100
74) N-amyl acetate	12.072	43	133201	20.556	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.505	83	96851	20.282	ug/l		99
76) 1,2,3-Trichloropropane	12.554	75	76498m	21.525	ug/l		
77) Bromobenzene	12.530	156	136183	19.962	ug/l		97
78) n-propylbenzene	12.597	91	722871	20.700	ug/l		99
79) 2-Chlorotoluene	12.676	91	410015	20.401	ug/l		99
80) 1,3,5-Trimethylbenzene	12.737	105	489169	20.659	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.304	75	33501	19.925	ug/l		95
82) 4-Chlorotoluene	12.773	91	425890	20.633	ug/l		100
83) tert-Butylbenzene	12.993	119	435699	20.483	ug/l		100
84) 1,2,4-Trimethylbenzene	13.042	105	482604	20.394	ug/l		99
85) sec-Butylbenzene	13.176	105	652294	20.774	ug/l		99
86) p-Isopropyltoluene	13.292	119	544469	20.746	ug/l		99
87) 1,3-Dichlorobenzene	13.286	146	278419	20.363	ug/l		100
88) 1,4-Dichlorobenzene	13.365	146	276408	20.253	ug/l		99
89) n-Butylbenzene	13.615	91	494601	20.553	ug/l		99
90) Hexachloroethane	13.877	117	113647	20.610	ug/l		97
91) 1,2-Dichlorobenzene	13.657	146	242671	20.296	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	16301	20.394	ug/l		97
93) 1,2,4-Trichlorobenzene	14.919	180	142189	19.945	ug/l		99
94) Hexachlorobutadiene	15.023	225	88690	19.977	ug/l		99
95) Naphthalene	15.145	128	236100	19.638	ug/l		99
96) 1,2,3-Trichlorobenzene	15.328	180	124796	20.554	ug/l		99

Sample Results: **VY023818.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112625\
Data File : VY023818.D
Acq On : 26 Nov 2025 11:47
Operator : SY/MD
Sample : VY1126SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 27 01:18:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112625S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 27 01:14:36 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY1126SBS01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/01/2025
Supervised By :Mahesh Dadoda 12/02/2025

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

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

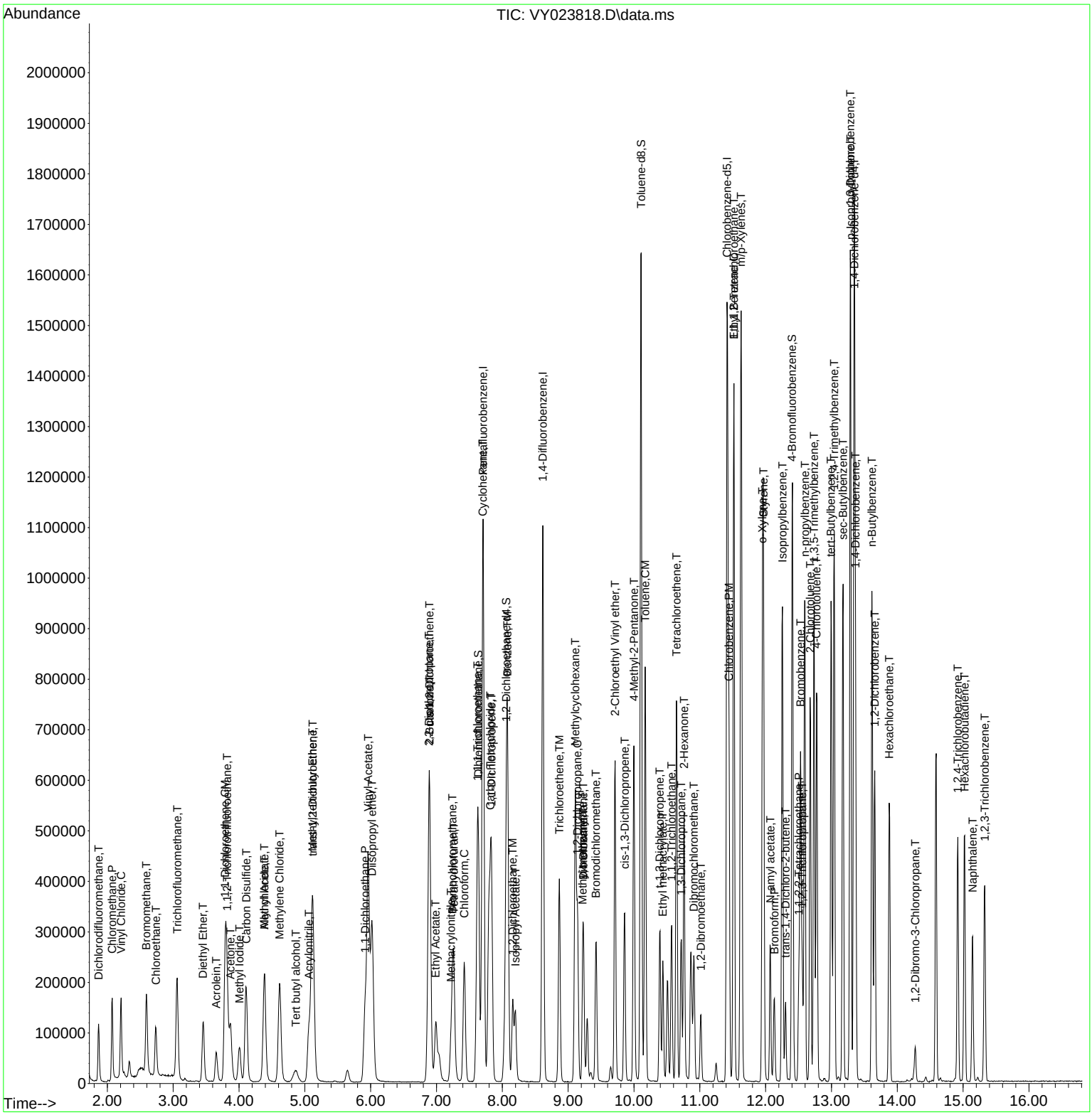
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112625\
Data File : VY023818.D
Acq On : 26 Nov 2025 11:47
Operator : SY/MD
Sample : VY1126SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 27 01:18:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112625S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 27 01:14:36 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY1126SBS01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/01/2025
Supervised By :Mahesh Dadoda 12/02/2025



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

Report of Analysis

Client:	Roman E&G Corp			Date Collected:	
Project:	AQUA Woolwich Pump Station 22-531			Date Received:	
Client Sample ID:	VY1126SBSD01			SDG No.:	Q3725
Lab Sample ID:	VY1126SBSD01			Matrix:	SOIL
Analytical Method:	8260D	Level: LOW		% Solid:	100
Sample Wt/Vol:	5 g	Final Vol: 5000 uL		Test:	VOCGCMS NJ CleanGroup N

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	21.7		1	1.10	5.00	ug/Kg	11/26/25 12:09	VY112625
74-87-3	Chloromethane	21.2		1	1.10	5.00	ug/Kg	11/26/25 12:09	VY112625
75-01-4	Vinyl Chloride	21.6		1	0.79	5.00	ug/Kg	11/26/25 12:09	VY112625
74-83-9	Bromomethane	20.9		1	1.10	5.00	ug/Kg	11/26/25 12:09	VY112625
75-00-3	Chloroethane	21.0		1	1.30	5.00	ug/Kg	11/26/25 12:09	VY112625
75-69-4	Trichlorofluoromethane	20.9		1	1.20	5.00	ug/Kg	11/26/25 12:09	VY112625
75-65-0	Tert butyl alcohol	93.9		1	13.7	25.0	ug/Kg	11/26/25 12:09	VY112625
75-35-4	1,1-Dichloroethene	21.3		1	1.00	5.00	ug/Kg	11/26/25 12:09	VY112625
107-02-8	Acrolein	96.1		1	8.80	25.0	ug/Kg	11/26/25 12:09	VY112625
107-13-1	Acrylonitrile	97.1		1	5.00	25.0	ug/Kg	11/26/25 12:09	VY112625
67-64-1	Acetone	110		1	4.70	25.0	ug/Kg	11/26/25 12:09	VY112625
75-15-0	Carbon Disulfide	21.3		1	1.10	5.00	ug/Kg	11/26/25 12:09	VY112625
1634-04-4	Methyl tert-butyl Ether	20.2		1	0.73	5.00	ug/Kg	11/26/25 12:09	VY112625
79-20-9	Methyl Acetate	18.7		1	1.50	5.00	ug/Kg	11/26/25 12:09	VY112625
75-09-2	Methylene Chloride	20.6		1	3.50	10.0	ug/Kg	11/26/25 12:09	VY112625
156-60-5	trans-1,2-Dichloroethene	20.8		1	0.86	5.00	ug/Kg	11/26/25 12:09	VY112625
75-34-3	1,1-Dichloroethane	21.1		1	0.80	5.00	ug/Kg	11/26/25 12:09	VY112625
78-93-3	2-Butanone	100		1	6.50	25.0	ug/Kg	11/26/25 12:09	VY112625
56-23-5	Carbon Tetrachloride	20.6		1	0.97	5.00	ug/Kg	11/26/25 12:09	VY112625
156-59-2	cis-1,2-Dichloroethene	20.6		1	0.75	5.00	ug/Kg	11/26/25 12:09	VY112625
67-66-3	Chloroform	20.9		1	0.84	5.00	ug/Kg	11/26/25 12:09	VY112625
71-55-6	1,1,1-Trichloroethane	20.8		1	0.93	5.00	ug/Kg	11/26/25 12:09	VY112625
71-43-2	Benzene	20.6		1	0.79	5.00	ug/Kg	11/26/25 12:09	VY112625
107-06-2	1,2-Dichloroethane	20.7		1	0.79	5.00	ug/Kg	11/26/25 12:09	VY112625
79-01-6	Trichloroethene	20.7		1	0.81	5.00	ug/Kg	11/26/25 12:09	VY112625
78-87-5	1,2-Dichloropropane	21.0		1	0.91	5.00	ug/Kg	11/26/25 12:09	VY112625
75-27-4	Bromodichloromethane	20.3		1	0.78	5.00	ug/Kg	11/26/25 12:09	VY112625
108-88-3	Toluene	20.9		1	0.78	5.00	ug/Kg	11/26/25 12:09	VY112625
10061-02-6	t-1,3-Dichloropropene	19.8		1	0.65	5.00	ug/Kg	11/26/25 12:09	VY112625
10061-01-5	cis-1,3-Dichloropropene	20.4		1	0.62	5.00	ug/Kg	11/26/25 12:09	VY112625
79-00-5	1,1,2-Trichloroethane	20.5		1	0.92	5.00	ug/Kg	11/26/25 12:09	VY112625
124-48-1	Dibromochloromethane	20.1		1	0.87	5.00	ug/Kg	11/26/25 12:09	VY112625
106-93-4	1,2-Dibromoethane	20.0		1	0.88	5.00	ug/Kg	11/26/25 12:09	VY112625
127-18-4	Tetrachloroethene	21.8		1	1.10	5.00	ug/Kg	11/26/25 12:09	VY112625
108-90-7	Chlorobenzene	21.0		1	0.91	5.00	ug/Kg	11/26/25 12:09	VY112625
100-41-4	Ethyl Benzene	21.2		1	0.67	5.00	ug/Kg	11/26/25 12:09	VY112625
179601-23-1	m/p-Xylenes	42.6		1	1.20	10.0	ug/Kg	11/26/25 12:09	VY112625
1330-20-7	Total Xylenes	63.6		1	2.02	15.0	ug/Kg	11/26/25 12:09	VY112625
95-47-6	o-Xylene	21.0		1	0.82	5.00	ug/Kg	11/26/25 12:09	VY112625
100-42-5	Styrene	21.2		1	0.71	5.00	ug/Kg	11/26/25 12:09	VY112625
75-25-2	Bromoform	20.2		1	0.86	5.00	ug/Kg	11/26/25 12:09	VY112625
79-34-5	1,1,2,2-Tetrachloroethane	19.8		1	1.20	5.00	ug/Kg	11/26/25 12:09	VY112625
95-63-6	1,2,4-Trimethylbenzene	20.9		1	0.64	5.00	ug/Kg	11/26/25 12:09	VY112625

Raw Data: **VY023819.D**

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

Report of Analysis

Client:	Roman E&G Corp			Date Collected:	
Project:	AQUA Woolwich Pump Station 22-531			Date Received:	
Client Sample ID:	VY1126SBSD01			SDG No.:	Q3725
Lab Sample ID:	VY1126SBSD01			Matrix:	SOIL
Analytical Method:	8260D	Level:	LOW	% Solid:	100
Sample Wt/Vol:	5 g	Final Vol:	5000 uL	Test:	VOCGCMS NJ CleanGroup M

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
541-73-1	1,3-Dichlorobenzene	20.7		1	1.70	5.00	ug/Kg	11/26/25 12:09	VY112625
106-46-7	1,4-Dichlorobenzene	20.5		1	1.60	5.00	ug/Kg	11/26/25 12:09	VY112625
95-50-1	1,2-Dichlorobenzene	20.7		1	1.50	5.00	ug/Kg	11/26/25 12:09	VY112625
96-12-8	1,2-Dibromo-3-Chloropropane	18.5		1	1.80	5.00	ug/Kg	11/26/25 12:09	VY112625
120-82-1	1,2,4-Trichlorobenzene	20.4		1	3.00	5.00	ug/Kg	11/26/25 12:09	VY112625
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	51.1			70 (63) - 130 (155)	102%	SPK: 50		
1868-53-7	Dibromofluoromethane	50.5			70 (70) - 130 (134)	101%	SPK: 50		
2037-26-5	Toluene-d8	51.4			70 (74) - 130 (123)	103%	SPK: 50		
460-00-4	4-Bromofluorobenzene	49.2			70 (52) - 130 (138)	98%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	573000							
540-36-3	1,4-Difluorobenzene	915000							
3114-55-4	Chlorobenzene-d5	774000							
3855-82-1	1,4-Dichlorobenzene-d4	390000							

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\VY112625\
Data File : VY023819.D
Acq On : 26 Nov 2025 12:09
Operator : SY/MD
Sample : VY1126SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 27 01:19:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112625S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 27 01:14:36 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY1126SBSD01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/01/2025
Supervised By :Mahesh Dadoda 12/02/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	572632	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	914870	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	774262	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	389759	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	285092	51.123	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.240%			
35) Dibromofluoromethane	7.634	113	273422	50.451	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.900%			
50) Toluene-d8	10.103	98	1107300	51.439	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 102.880%			
62) 4-Bromofluorobenzene	12.401	95	348328	49.178	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 98.360%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	93624	21.695	ug/l	95
3) Chloromethane	2.074	50	139670	21.155	ug/l	97
4) Vinyl Chloride	2.208	62	153910	21.550	ug/l	97
5) Bromomethane	2.592	94	105520	20.944	ug/l	99
6) Chloroethane	2.732	64	97604	20.970	ug/l	99
7) Trichlorofluoromethane	3.062	101	201879	20.908	ug/l	100
8) Diethyl Ether	3.452	74	62348	20.501	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.818	101	118335	20.998	ug/l	100
10) Methyl Iodide	4.007	142	120217	19.467	ug/l	100
11) Tert butyl alcohol	4.866	59	43006	93.899	ug/l #	87
12) 1,1-Dichloroethene	3.793	96	117811	21.250	ug/l	100
13) Acrolein	3.653	56	63256	96.075	ug/l	99
14) Allyl chloride	4.385	41	185478	21.118	ug/l	99
15) Acrylonitrile	5.067	53	127399	97.060	ug/l	97
16) Acetone	3.872	43	168961	105.161	ug/l	97
17) Carbon Disulfide	4.110	76	380495	21.266	ug/l	98
18) Methyl Acetate	4.391	43	57998	18.692	ug/l	97
19) Methyl tert-butyl Ether	5.116	73	285974	20.184	ug/l	98
20) Methylene Chloride	4.616	84	139968	20.606	ug/l	97
21) trans-1,2-Dichloroethene	5.116	96	127499	20.770	ug/l	97
22) Diisopropyl ether	6.018	45	406727	21.416	ug/l	98
23) Vinyl Acetate	5.964	43	1096394	103.816	ug/l	99
24) 1,1-Dichloroethane	5.915	63	235726	21.099	ug/l	96
25) 2-Butanone	6.896	43	204228	104.156	ug/l	99
26) 2,2-Dichloropropane	6.884	77	206989	20.902	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	147045	20.628	ug/l	100
28) Bromochloromethane	7.250	49	89855	19.335	ug/l	96
29) Tetrahydrofuran	7.262	42	104800	95.828	ug/l	99
30) Chloroform	7.421	83	234278	20.854	ug/l	97
31) Cyclohexane	7.701	56	223185	20.817	ug/l	96
32) 1,1,1-Trichloroethane	7.616	97	207227	20.781	ug/l	100
36) 1,1-Dichloropropene	7.835	75	171268	20.611	ug/l	99
37) Ethyl Acetate	6.982	43	76932	19.683	ug/l	97
38) Carbon Tetrachloride	7.817	117	188257	20.640	ug/l	98
39) Methylcyclohexane	9.109	83	224708	20.476	ug/l	99
40) Benzene	8.079	78	525522	20.551	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112625\
Data File : VY023819.D
Acq On : 26 Nov 2025 12:09
Operator : SY/MD
Sample : VY1126SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 27 01:19:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112625S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 27 01:14:36 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY1126SBSD01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/01/2025
Supervised By :Mahesh Dadoda 12/02/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.232	41	39863m	20.429	ug/l		
42) 1,2-Dichloroethane	8.158	62	136561	20.715	ug/l		100
43) Isopropyl Acetate	8.195	43	143438	19.638	ug/l	#	89
44) Trichloroethene	8.865	130	135856	20.706	ug/l		96
45) 1,2-Dichloropropane	9.140	63	126788	21.029	ug/l		98
46) Dibromomethane	9.231	93	66315	20.270	ug/l		99
47) Bromodichloromethane	9.420	83	173949	20.345	ug/l		97
48) Methyl methacrylate	9.219	41	66383	19.303	ug/l		96
49) 1,4-Dioxane	9.225	88	14679	400.355	ug/l		98
51) 4-Methyl-2-Pentanone	9.999	43	384829	100.082	ug/l		98
52) Toluene	10.170	92	330915	20.875	ug/l		99
53) t-1,3-Dichloropropene	10.396	75	154884	19.776	ug/l		99
54) cis-1,3-Dichloropropene	9.859	75	191441	20.420	ug/l		97
55) 1,1,2-Trichloroethane	10.572	97	89727	20.474	ug/l		97
56) Ethyl methacrylate	10.438	69	111053	19.299	ug/l		99
57) 1,3-Dichloropropane	10.719	76	153801	20.118	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.713	63	256628	92.835	ug/l		98
59) 2-Hexanone	10.761	43	290423	102.139	ug/l		99
60) Dibromochloromethane	10.908	129	118155	20.092	ug/l		99
61) 1,2-Dibromoethane	11.011	107	81159	19.951	ug/l		98
64) Tetrachloroethene	10.646	164	160196	21.810	ug/l		97
65) Chlorobenzene	11.438	112	356574	20.980	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.517	131	120047	20.792	ug/l		99
67) Ethyl Benzene	11.517	91	615205	21.192	ug/l		99
68) m/p-Xylenes	11.627	106	476325	42.581	ug/l		100
69) o-Xylene	11.950	106	220591	21.034	ug/l		98
70) Styrene	11.969	104	365397	21.151	ug/l		99
71) Bromoform	12.133	173	67966	20.181	ug/l	#	98
73) Isopropylbenzene	12.255	105	576849	20.853	ug/l		100
74) N-amyl acetate	12.066	43	121958	19.734	ug/l		100
75) 1,1,2,2-Tetrachloroethane	12.505	83	90390	19.847	ug/l		99
76) 1,2,3-Trichloropropane	12.554	75	66417m	19.595	ug/l		
77) Bromobenzene	12.529	156	136390	20.963	ug/l		99
78) n-propylbenzene	12.590	91	707987	21.258	ug/l		99
79) 2-Chlorotoluene	12.676	91	404607	21.109	ug/l		99
80) 1,3,5-Trimethylbenzene	12.737	105	476818	21.115	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.298	75	30972	19.315	ug/l		95
82) 4-Chlorotoluene	12.773	91	415163	21.090	ug/l		100
83) tert-Butylbenzene	12.993	119	426312	21.015	ug/l		99
84) 1,2,4-Trimethylbenzene	13.042	105	472092	20.919	ug/l		99
85) sec-Butylbenzene	13.176	105	634203	21.178	ug/l		99
86) p-Isopropyltoluene	13.291	119	524396	20.951	ug/l		100
87) 1,3-Dichlorobenzene	13.285	146	270254	20.725	ug/l		99
88) 1,4-Dichlorobenzene	13.365	146	267133	20.523	ug/l		98
89) n-Butylbenzene	13.615	91	478821	20.863	ug/l		99
90) Hexachloroethane	13.877	117	108147	20.565	ug/l		100
91) 1,2-Dichlorobenzene	13.657	146	236485	20.739	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	14127	18.532	ug/l		98
93) 1,2,4-Trichlorobenzene	14.919	180	138429	20.361	ug/l		100
94) Hexachlorobutadiene	15.023	225	89659	21.176	ug/l		96
95) Naphthalene	15.139	128	220797	19.257	ug/l		100
96) 1,2,3-Trichlorobenzene	15.328	180	115915	20.018	ug/l		99

Sample Results: **VY023819.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112625\
Data File : VY023819.D
Acq On : 26 Nov 2025 12:09
Operator : SY/MD
Sample : VY1126SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 27 01:19:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112625S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 27 01:14:36 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY1126SBSD01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/01/2025
Supervised By :Mahesh Dadoda 12/02/2025

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

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

Sample Results: **VY023819.D**

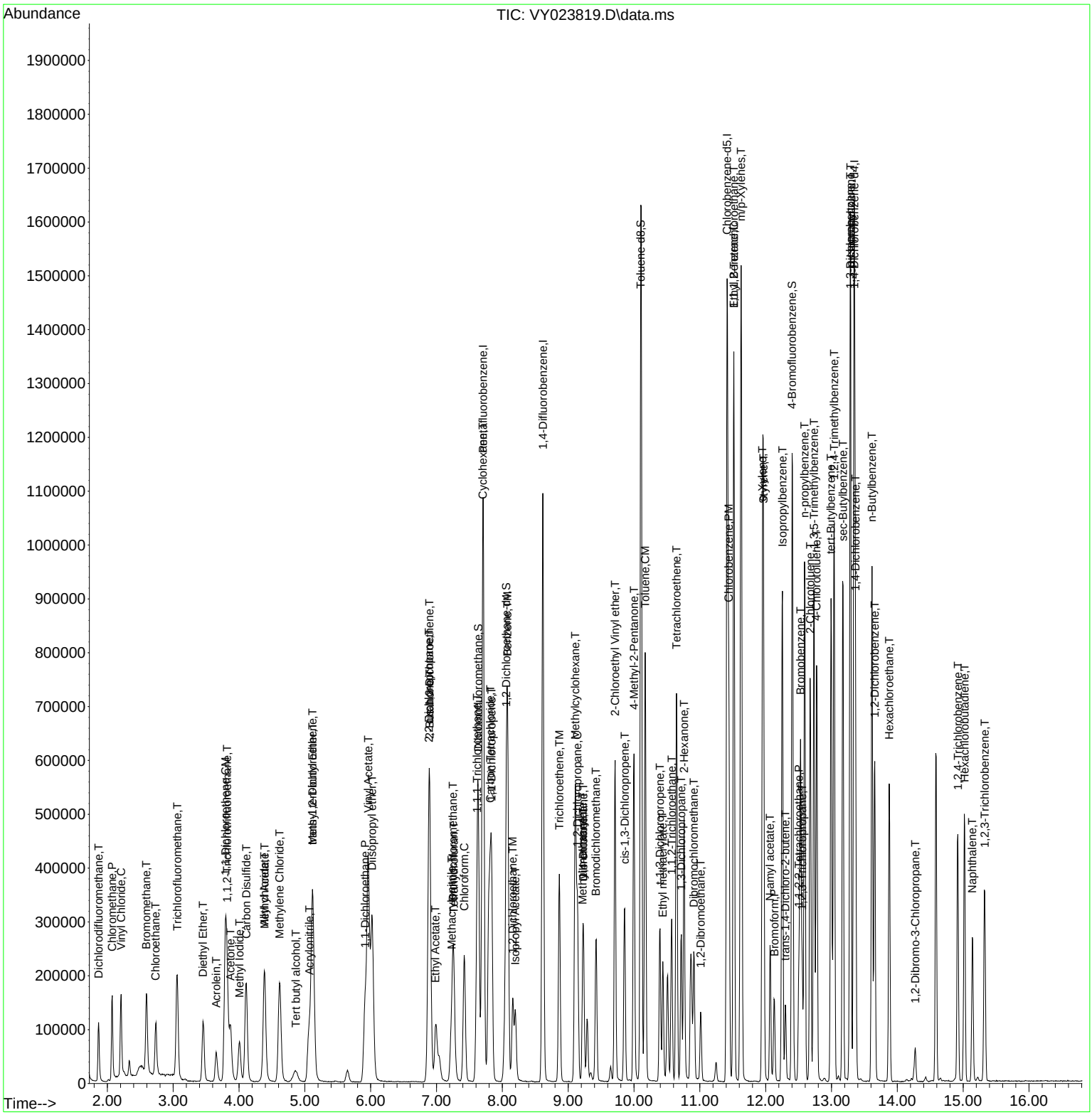
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112625\
Data File : VY023819.D
Acq On : 26 Nov 2025 12:09
Operator : SY/MD
Sample : VY1126SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 27 01:19:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112625S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 27 01:14:36 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY1126SBSD01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/01/2025
Supervised By :Mahesh Dadoda 12/02/2025



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

Manual Integration Report

Sequence:	VY112625	Instrument	MSVOA_y

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC005	VY023809.D	1,2,3-Trichloropropane	sam	12/1/2025 9:09:40 AM	MMDadoda	12/2/2025 8:05:29 AM	Peak Integrated by Software
VSTDICC005	VY023809.D	Methacrylonitrile	sam	12/1/2025 9:09:40 AM	MMDadoda	12/2/2025 8:05:29 AM	Peak Integrated by Software
VSTDICC005	VY023809.D	Tert butyl alcohol	sam	12/1/2025 9:09:40 AM	MMDadoda	12/2/2025 8:05:29 AM	Peak Integrated by Software
VSTDICC010	VY023810.D	1,2,3-Trichloropropane	sam	12/1/2025 9:09:45 AM	MMDadoda	12/2/2025 8:05:32 AM	Peak Integrated by Software
VSTDICC020	VY023811.D	1,2,3-Trichloropropane	sam	12/1/2025 9:44:03 AM	MMDadoda	12/2/2025 8:05:35 AM	Peak Integrated by Software
VSTDICCC050	VY023812.D	1,2,3-Trichloropropane	sam	12/1/2025 9:09:50 AM	MMDadoda	12/2/2025 8:05:40 AM	Peak Integrated by Software
VSTDICC100	VY023813.D	1,2,3-Trichloropropane	sam	12/1/2025 9:46:48 AM	MMDadoda	12/2/2025 8:05:43 AM	Peak Integrated by Software
VSTDICC150	VY023814.D	1,2,3-Trichloropropane	sam	12/1/2025 9:46:53 AM	MMDadoda	12/2/2025 8:05:46 AM	Peak Integrated by Software
VSTDICV050	VY023816.D	1,2,3-Trichloropropane	sam	12/1/2025 9:46:58 AM	MMDadoda	12/2/2025 8:05:50 AM	Peak Integrated by Software
VY1126SBS01	VY023818.D	1,2,3-Trichloropropane	sam	12/1/2025 9:44:16 AM	MMDadoda	12/2/2025 8:05:54 AM	Peak Integrated by Software
VY1126SBSD01	VY023819.D	1,2,3-Trichloropropane	sam	12/1/2025 9:44:10 AM	MMDadoda	12/2/2025 8:05:57 AM	Peak Integrated by Software
VY1126SBSD01	VY023819.D	Methacrylonitrile	sam	12/1/2025 9:44:10 AM	MMDadoda	12/2/2025 8:05:57 AM	Peak Integrated by Software
VSTDCCC050	VY023827.D	1,2,3-Trichloropropane	sam	12/1/2025 9:44:22 AM	MMDadoda	12/2/2025 8:06:02 AM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	VY112625	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

Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY112625

Review By	Semsettin Yesilyurt	Review On	12/1/2025 9:50:11 AM				
Supervise By	John Carlone	Supervise On	12/1/2025 2:45:01 PM				
SubDirectory	VY112625	HP Acquire Method	MSVOA_Y	HP Processing Method	82y112625s.m		

STD. NAME	STD REF.#
Tune/Reschk	VP136432
Initial Calibration Stds	VP136433,VP136434,VP136435,VP136436,VP136437,VP136438
CCC	VP136440
Internal Standard/PEM	VP136146
ICV/I.BLK	VP136439
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VY023808.D	26 Nov 2025 07:11	SY/MD	Ok
2	VSTDICC005	VY023809.D	26 Nov 2025 08:04	SY/MD	Ok,M
3	VSTDICC010	VY023810.D	26 Nov 2025 08:27	SY/MD	Ok,M
4	VSTDICC020	VY023811.D	26 Nov 2025 08:49	SY/MD	Ok,M
5	VSTDICCC050	VY023812.D	26 Nov 2025 09:17	SY/MD	Ok,M
6	VSTDICC100	VY023813.D	26 Nov 2025 09:39	SY/MD	Ok,M
7	VSTDICC150	VY023814.D	26 Nov 2025 10:02	SY/MD	Ok,M
8	VIBLK	VY023815.D	26 Nov 2025 10:27	SY/MD	Ok
9	VSTDICV050	VY023816.D	26 Nov 2025 10:50	SY/MD	Ok,M
10	VY1126SBL01	VY023817.D	26 Nov 2025 11:13	SY/MD	Ok
11	VY1126SBS01	VY023818.D	26 Nov 2025 11:47	SY/MD	Ok,M
12	VY1126SBSD01	VY023819.D	26 Nov 2025 12:09	SY/MD	Ok,M
13	Q3604-04	VY023820.D	26 Nov 2025 12:34	SY/MD	Not Ok
14	Q3604-05	VY023821.D	26 Nov 2025 12:57	SY/MD	Not Ok
15	VIBLK	VY023822.D	26 Nov 2025 13:21	SY/MD	Ok
16	Q3721-01	VY023823.D	26 Nov 2025 13:44	SY/MD	Ok
17	Q3723-01	VY023824.D	26 Nov 2025 14:08	SY/MD	Ok
18	Q3725-04	VY023825.D	26 Nov 2025 14:31	SY/MD	Ok
19	VIBLK	VY023826.D	26 Nov 2025 14:54	SY/MD	Ok
20	VSTDCCC050	VY023827.D	26 Nov 2025 15:17	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 # VY112625

Review By	Semsettin Yesilyurt	Review On	12/1/2025 9:50:11 AM		
Supervise By	John Carlone	Supervise On	12/1/2025 2:45:01 PM		
SubDirectory	VY112625	HP Acquire Method	MSVOA_Y	HP Processing Method	82y112625s.m

STD. NAME	STD REF.#
Tune/Reschk	VP136432
Initial Calibration Stds	VP136433,VP136434,VP136435,VP136436,VP136437,VP136438
CCC	VP136440
Internal Standard/PEM	VP136146
ICV/I.BLK	VP136439
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VY023808.D	26 Nov 2025 07:11		SY/MD	Ok
2	VSTDICC005	VSTDICC005	VY023809.D	26 Nov 2025 08:04		SY/MD	Ok,M
3	VSTDICC010	VSTDICC010	VY023810.D	26 Nov 2025 08:27		SY/MD	Ok,M
4	VSTDICC020	VSTDICC020	VY023811.D	26 Nov 2025 08:49		SY/MD	Ok,M
5	VSTDICCC050	VSTDICCC050	VY023812.D	26 Nov 2025 09:17		SY/MD	Ok,M
6	VSTDICC100	VSTDICC100	VY023813.D	26 Nov 2025 09:39		SY/MD	Ok,M
7	VSTDICC150	VSTDICC150	VY023814.D	26 Nov 2025 10:02		SY/MD	Ok,M
8	VIBLK	VIBLK	VY023815.D	26 Nov 2025 10:27		SY/MD	Ok
9	VSTDICV050	ICVVY112625	VY023816.D	26 Nov 2025 10:50		SY/MD	Ok,M
10	VY1126SBL01	VY1126SBL01	VY023817.D	26 Nov 2025 11:13		SY/MD	Ok
11	VY1126SBS01	VY1126SBS01	VY023818.D	26 Nov 2025 11:47		SY/MD	Ok,M
12	VY1126SBSD01	VY1126SBSD01	VY023819.D	26 Nov 2025 12:09		SY/MD	Ok,M
13	Q3604-04	S-1	VY023820.D	26 Nov 2025 12:34	not reported,vial A	SY/MD	Not Ok
14	Q3604-05	S-2	VY023821.D	26 Nov 2025 12:57	not reported,vial A	SY/MD	Not Ok
15	VIBLK	VIBLK	VY023822.D	26 Nov 2025 13:21		SY/MD	Ok
16	Q3721-01	EO-2-112525	VY023823.D	26 Nov 2025 13:44	vial A	SY/MD	Ok
17	Q3723-01	CC-1-112525	VY023824.D	26 Nov 2025 14:08	vial A	SY/MD	Ok
18	Q3725-04	STOCKPILE-SAMPLES	VY023825.D	26 Nov 2025 14:31	vial A	SY/MD	Ok

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

Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY112625

Review By	Semsettin Yesilyurt	Review On	12/1/2025 9:50:11 AM		
Supervise By	John Carlone	Supervise On	12/1/2025 2:45:01 PM		
SubDirectory	VY112625	HP Acquire Method	MSVOA_Y	HP Processing Method	82y112625s.m

STD. NAME	STD REF.#
Tune/Reschk	VP136432
Initial Calibration Stds	VP136433,VP136434,VP136435,VP136436,VP136437,VP136438
CCC	VP136440
Internal Standard/PEM	VP136146
ICV/I.BLK	VP136439
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	VIBLK	VIBLK	VY023826.D	26 Nov 2025 14:54		SY/MD	Ok
20	VSTDCCC050	VSTDCCC050EC	VY023827.D	26 Nov 2025 15:17		SY/MD	Ok,M

M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 12/1/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:40
In Date: 11/26/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:37
Out Date: 11/27/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB138050

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
Q3720-01	BUR-25-0059	1	1.14	10.41	11.55	11.09	95.6	
Q3725-01	STOCKPILE-SAMPLES	7	1.11	10.65	11.76	9.99	83.4	
Q3725-02	STOCKPILE-SAMPLES	2	1.11	10.65	11.76	9.99	83.4	
Q3725-04	STOCKPILE-SAMPLES	8	1.11	10.65	11.76	9.99	83.4	
Q3732-01	HD-01-11-26-2025	3	1.15	10.76	11.91	10.5	86.9	
Q3732-02	HD-01-11-26-2025-E2	4	1.11	10.73	11.84	9.82	81.2	
Q3733-01	SU-04-11-26-2025	5	1.15	10.59	11.74	10.84	91.5	
Q3733-02	SU-04-11-26-2025-E2	6	1.16	10.67	11.83	10.67	89.1	
Q3735-01	BU-3-112625	9	1.14	10.63	11.77	10.22	85.4	
Q3736-01	D1	10	1.19	10.63	11.82	10.08	83.6	
Q3739-01	GSB1A	11	1.16	10.88	12.04	11.00	90.4	
Q3739-02	GSB1B	12	1.13	10.38	11.51	10.32	88.5	
Q3739-03	GSB2A	13	1.16	10.47	11.63	10.03	84.7	
Q3739-04	GSB2B	14	1.18	10.67	11.85	10.41	86.5	
Q3740-01	WC1	15	1.13	11.45	12.58	11.44	90.0	

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

WORKLIST(Hardcopy Internal Chain)

JB 138050

WorkList Name : %1-112625 **WorkList ID :** 193363 **Department :** Wet-Chemistry **Date :** 11-26-2025 13:02:50

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3720-01	BUR-25-0059	Solid	Percent Solids	Cool 4 deg C	PSEG03	E42	11/25/2025	Chemtech -SO
~~Q3725-01~~	~~STOCKPILE-SAMPLES~~	~~Solid~~	~~Percent Solids~~	~~Cool 4 deg C~~	~~ROMA02~~	~~D41~~	~~11/25/2025~~	~~Chemtech -SO~~
~~Q3725-02~~	~~STOCKPILE-SAMPLES~~	~~Solid~~	~~Percent Solids~~	~~Cool 4 deg C~~	~~ROMA02~~	~~D41~~	~~11/25/2025~~	~~Chemtech -SO~~
Q3725-04	STOCKPILE-SAMPLES	Solid	Percent Solids	Cool 4 deg C	ROMA02	D41	11/25/2025	Chemtech -SO
Q3732-01	HD-01-11-26-2025	Solid	Percent Solids	Cool 4 deg C	PSEG05	--Sele	11/26/2025	Chemtech -SO
Q3732-02	HD-01-11-26-2025-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	A12	11/26/2025	Chemtech -SO
Q3733-01	SU-04-11-26-2025	Solid	Percent Solids	Cool 4 deg C	PSEG05	--Sele	11/26/2025	Chemtech -SO
Q3733-02	SU-04-11-26-2025-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	A11	11/26/2025	Chemtech -SO
Q3735-01	BU-3-112625	Solid	Percent Solids	Cool 4 deg C	PSEG05	A11	11/26/2025	Chemtech -SO
Q3736-01	D1	Solid	Percent Solids	Cool 4 deg C	JPCL01	A11	11/26/2025	Chemtech -SO
Q3739-01	GSB1A	Solid	Percent Solids	Cool 4 deg C	GENV01	A11	11/26/2025	Chemtech -SO
Q3739-02	GSB1B	Solid	Percent Solids	Cool 4 deg C	GENV01	A11	11/26/2025	Chemtech -SO
Q3739-03	GSB2A	Solid	Percent Solids	Cool 4 deg C	GENV01	A11	11/26/2025	Chemtech -SO
Q3739-04	GSB2B	Solid	Percent Solids	Cool 4 deg C	GENV01	A11	11/26/2025	Chemtech -SO
Q3740-01	WC1	Solid	Percent Solids	Cool 4 deg C	GENV01	A11	11/26/2025	Chemtech -SO

JB 12/01/25

JB 12/01/25

Date/Time 11.26.25 15:30

Raw Sample Received by: JB WC

Raw Sample Relinquished by:

Date/Time 11-26-25 18:00

Raw Sample Received by:

Raw Sample Relinquished by: JB WC

SHIPPING DOCUMENTS

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

ALLIANCE PROJECT NO. Q3725
QUOTE NO.
COC Number 2047302

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: Roman Ed G Corp.
ADDRESS: 14 Ogden St
CITY Newark STATE: NJ ZIP: 07104
ATTENTION: Sonny Puzzo
PHONE: 973-803-6113 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Robbinsville Woodwick pump Station
PROJECT NO.: 22-531 LOCATION: Robbinsville
PROJECT MANAGER: Sonny Puzzo
e-mail: engineer@romaneg.com
PHONE: 973-482-1123 FAX:

CLIENT BILLING INFORMATION

BILL TO: Roman Ed G Corp. PO#: 22-531
ADDRESS: 14 Ogden St
CITY Newark STATE: NJ ZIP: 07104
ATTENTION: Sonny Puzzo PHONE: 973-482-1123

DATA TURNAROUND INFORMATION

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

DATA DELIVERABLE INFORMATION

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

ANALYSIS

STEVE SJS TCL TAL TCL

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
1.	Stock Pile Samples	S		X	11-25												
2.		S															
3.		S															
4.		S															
5.		S															
6.																	
7.																	
8.																	
9.																	
10.																	

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

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

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1. Sonny Puzzo	11/25	1.
2. Sonny Puzzo	11/25	2.
3. Amir Shakarian	11/25 1528	3. JT

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 16.1+0=16.1 °C
Comments: _____

Page _____ of

CLIENT: ☐ Hand Delivered ☐ Other _____

Shipment Complete ☐ YES ☐ NO

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

Ayul Bhavsar

From: Jordan Hedvat <Jordan.Hedvat@alliancetg.com>
Sent: Wednesday, November 26, 2025 3:51 PM
Subject: Re: q3725

Correction, 10 day TAT for Q3725

Regards,

Jordan

Jordan Hedvat
Account Executive, Environmental Laboratories
An Alliance Technical Group Company
Main: 908-789-8900
Direct: 908-728-3144
Address: 284 Sheffield St, Ste 1, Mountainside, NJ 07092
www.alliancetg.com

From: Jordan Hedvat <Jordan.Hedvat@alliancetg.com>
Sent: Wednesday, November 26, 2025 3:45 PM
To: Mohammad Ahmed <mohammad.ahmed@alliancetg.com>; Sohil Jodhani <Sohil.Jodhani@alliancetg.com>; Deepak Parmar <Deepak.Parmar@alliancetg.com>; Nimisha Pandya <Nimisha.Pandya@alliancetg.com>
Subject: Re: q3725

This is still logged incorrect and was signed off. 3 day TAT is needed.

Regards,

Jordan

Jordan Hedvat
Account Executive, Environmental Laboratories
An Alliance Technical Group Company
Main: 908-789-8900
Direct: 908-728-3144
Address: 284 Sheffield St, Ste 1, Mountainside, NJ 07092
www.alliancetg.com

From: Jordan Hedvat <Jordan.Hedvat@alliancetg.com>
Sent: Wednesday, November 26, 2025 3:23 PM
To: Mohammad Ahmed <mohammad.ahmed@alliancetg.com>; Sohil Jodhani

<Sohil.Jodhani@alliancetg.com>; Deepak Parmar <Deepak.Parmar@alliancetg.com>; Nimisha Pandya <Nimisha.Pandya@alliancetg.com>
Subject: Re: q3725

As mentioned, this is wrong. Tests need to be NJ Res clean per client request e-mail Deepak save ROC in PM folder. Delete these tests and log correctly.

(Yazmeen's email to you yesterday writes that she does not know if this is correct since COC was blank. Deepak received ROC from client today with clarification, so we need to edit these changes on login page).

You can confirm NJ Res clean parameters, but I believe these may be them:

TCL+30/TAL
Hexavalent Cr
Trivalent Cr
Herbicide
EPH NF

Double check

Regards,

Jordan

Jordan Hedvat
Account Executive, Environmental Laboratories
An Alliance Technical Group Company
Main: 908-789-8900
Direct: 908-728-3144
Address: 284 Sheffield St, Ste 1, Mountainside, NJ 07092
www.alliancetg.com

From: Mohammad Ahmed <mohammad.ahmed@alliancetg.com>
Sent: Wednesday, November 26, 2025 3:16 PM
To: Jordan Hedvat <Jordan.Hedvat@alliancetg.com>; Sohil Jodhani <Sohil.Jodhani@alliancetg.com>; Deepak Parmar <Deepak.Parmar@alliancetg.com>
Subject: Re: q3725

this was logged by Yazmeen yesterday , and the Quoter she copied has the same parents test defined. just make sure whatever we do here is done correctly

Client:	Roman E&G Corp	Project:	AQUA Woolwich Pump Station 22-531
Contact:	Sonny Puzzo	Last Sample Receive Date:	11/25/2025 12:00:00 AM
ClientID/Invoice ClientID:	ROMA02/ROMA02	SignOff Date:	11/26/2025 1:04:41 PM
Project Mgr:	YAZMEEN	Sales:	Jordan
EDD:	EddType1 : EXCEL NJCLEANUP	Criteria1 : NONE	

Comment:

LabID	ClientID	Matrix	Sam
Q3725-01	STOCKPILE-SAMPLES	Solid	Nov 25 2 12:00AM
Q3725-02	STOCKPILE-SAMPLES	Solid	Nov 25 2 12:00AM
Q3725-03	EMS	AC	Nov 25 2 12:00AM

Mohammad Ahmed
Laboratory Director
An Alliance Technical Group Company
Main: 908-789-8900
Direct: 908-728-3151
Address: 284 Sheffield St, Ste 1, Mountainside, NJ 07092
www.alliancetg.com

From: Jordan Hedvat <Jordan.Hedvat@alliancetg.com>
Sent: Wednesday, November 26, 2025 3:07 PM
To: Mohammad Ahmed <mohammad.ahmed@alliancetg.com>; Sohil Jodhani <Sohil.Jodhani@alliancetg.com>; Deepak Parmar <Deepak.Parmar@alliancetg.com>
Subject: q3725

This login needs to be edited to NJ RES Clean parameters.

Regards,

Jordan

Jordan Hedvat
Account Executive, Environmental Laboratories
An Alliance Technical Group Company
Main: 908-789-8900
Direct: 908-728-3144
Address: 284 Sheffield St, Ste 1, Mountainside, NJ 07092
www.alliancetg.com

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

Alliance TECHNICAL GROUP

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID :	Q3725 ROMA02	**Order Date :**	11/25/2025 4:38:51 PM	**Project Mgr :**	
Client Name :	Roman E&G Corp	**Project Name :**	AQUA Woolwich Pump Sta	**Report Type :**	Level 1
Client Contact :	Sonny Puzzo	**Receive DateTime :**	11/25/2025 12:00:00 AM	**EDD Type :**	EXCEL NJCLEANUP
Invoice Name :	Roman E&G Corp	**Purchase Order :**		**Hard Copy Date :**	
Invoice Contact :	Sonny Puzzo			**Date Signoff :**	

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3725-01	STOCKPILE-SAMPLES	Solid	11/25/2025	00:00					
					VOC-TCLVOA-10	Bayshore-New	8260D	10 Bus. Days	

Stored in VOA Fz #102 & ref #6

Relinguished By :

Date / Time : 11/26/25 1000

Received By :

Date / Time : 11/26/25 12:45

Storage Area : VOA Refridgerator Room