

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072324\
 Data File : VV036642.D
 Acq On : 23 Jul 2024 13:36
 Operator : SY/MD
 Sample : P3328-04
 Misc : 8.23g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 24 00:59:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072224SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 24 00:57:38 2024
 Response via : Initial Calibration

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

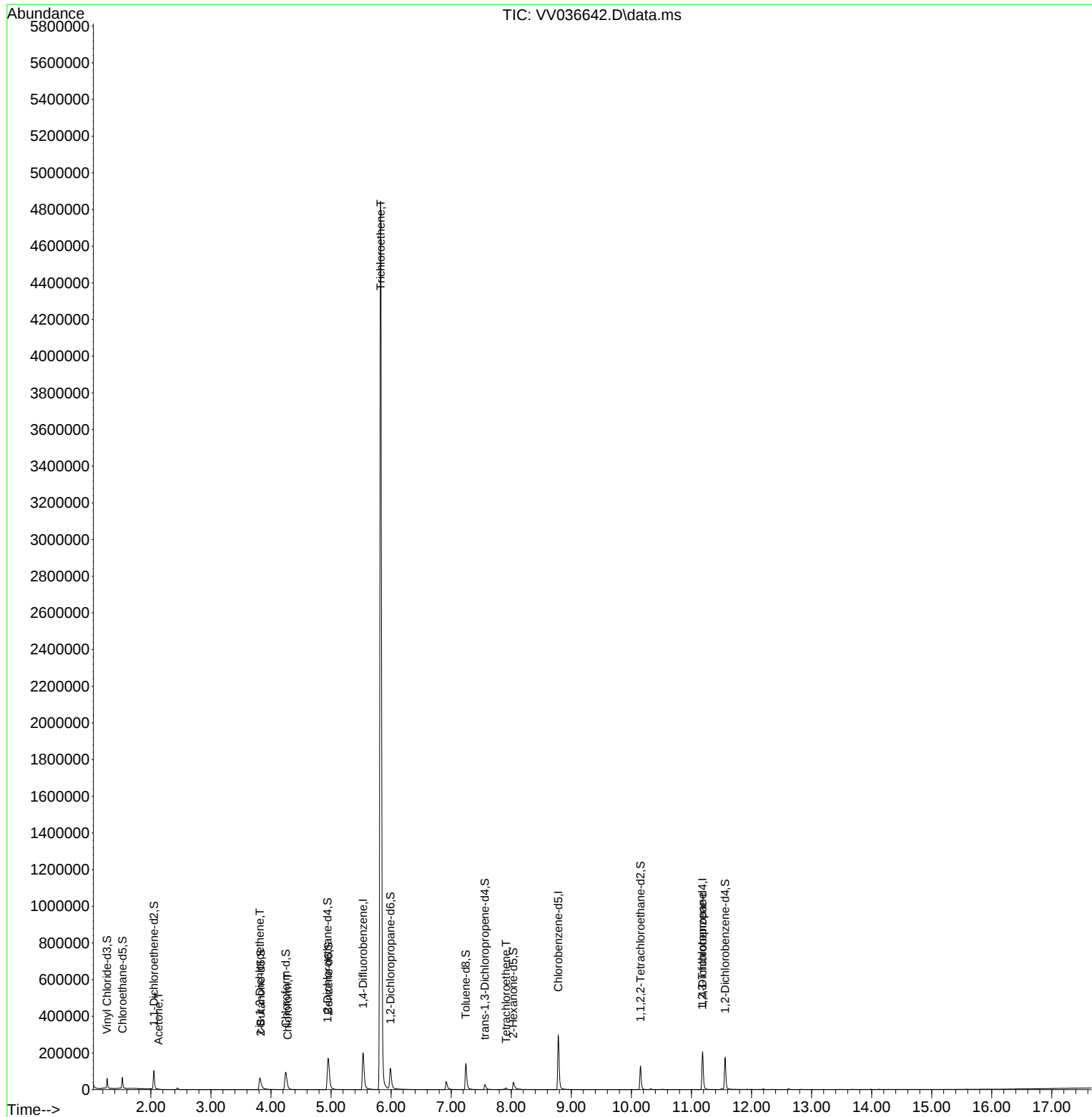
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	199492	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	183436	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	64026	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	32528	14.887	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	59.560%
7) Chloroethane-d5	1.526	69	37297	18.900	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.600%
11) 1,1-Dichloroethene-d2	2.050	65	16025	13.871	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.480%
21) 2-Butanone-d5	3.828	46	22207	43.551	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.100%
24) Chloroform-d	4.246	84	108556	20.575	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.320%
26) 1,2-Dichloroethane-d4	4.941	65	58957	22.651	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.600%
32) Benzene-d6	4.957	84	146900	16.897	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	67.600%
36) 1,2-Dichloropropane-d6	5.989	67	54721	22.090	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.360%
41) Toluene-d8	7.243	98	108893	13.125	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	52.480%
43) trans-1,3-Dichloroprop...	7.561	79	18670	16.954	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	67.800%
47) 2-Hexanone-d5	8.034	63	14118	42.825	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.640%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	60210	27.887	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.560%
66) 1,2-Dichlorobenzene-d4	11.561	152	51221	22.917	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.680%
Target Compounds						
					Qvalue	
13) Acetone	2.127	43	2734	3.301	ug/L #	53
20) cis-1,2-Dichloroethene	3.812	96	32594	10.042	ug/L	96
25) Chloroform	4.278	83	2907	0.494	ug/L	87
34) Trichloroethene	5.825	95	1650967	484.282	ug/L	98
46) Tetrachloroethene	7.911	164	2464	0.728	ug/L	91
61) 1,2,3-Trichloropropane	11.181	75	5986	5.303	ug/L #	58

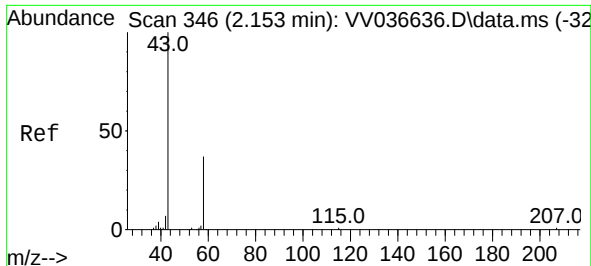
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 3.301 ug/L

RT: 2.127 min Scan# 346

Delta R.T. -0.026 min

Lab File: VV036642.D

Acq: 23 Jul 2024 13:36

Instrument :

MSVOA_V

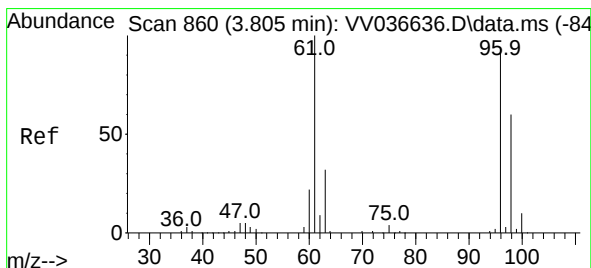
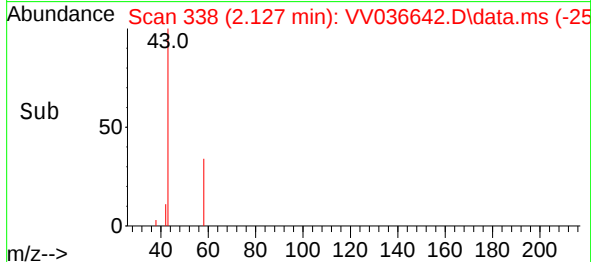
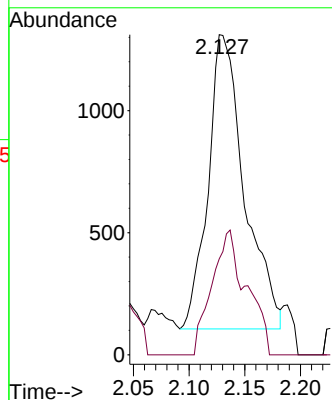
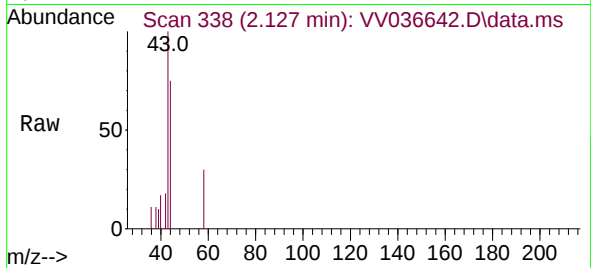
ClientSampleId :

Tgt Ion: 43 Resp: 2734

Ion Ratio Lower Upper

43 100

58 29.4 0.0 23.0#



#20

cis-1,2-Dichloroethene

Concen: 10.042 ug/L

RT: 3.812 min Scan# 862

Delta R.T. 0.007 min

Lab File: VV036642.D

Acq: 23 Jul 2024 13:36

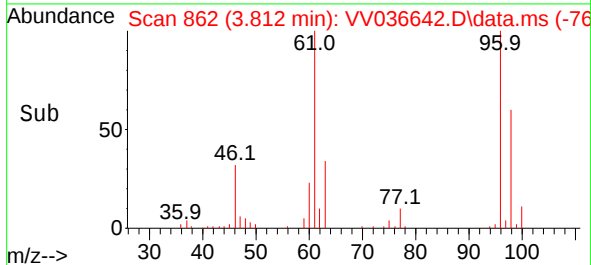
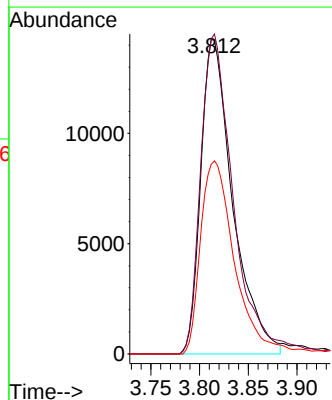
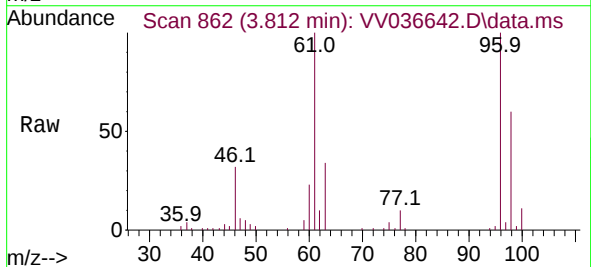
Tgt Ion: 96 Resp: 32594

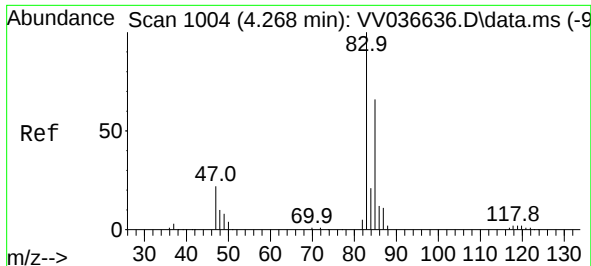
Ion Ratio Lower Upper

96 100

61 100.2 73.0 135.6

98 60.3 44.8 83.2





#25

Chloroform

Concen: 0.494 ug/L

RT: 4.278 min Scan# 1

Delta R.T. 0.010 min

Lab File: VV036642.D

Acq: 23 Jul 2024 13:36

Instrument :

MSVOA_V

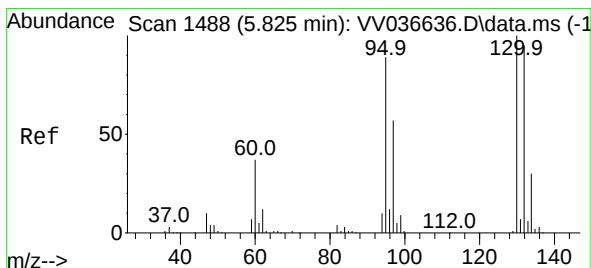
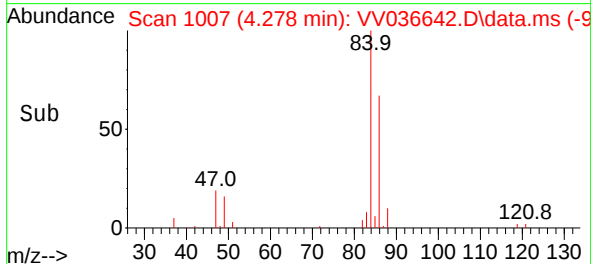
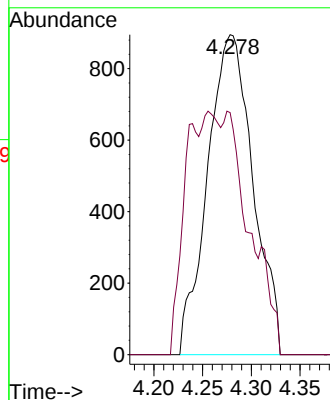
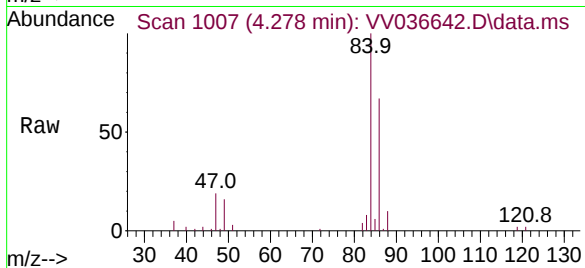
ClientSampleId :

Tgt Ion: 83 Resp: 2907

Ion Ratio Lower Upper

83 100

85 75.6 45.6 84.6



#34

Trichloroethene

Concen: 484.282 ug/L

RT: 5.825 min Scan# 1488

Delta R.T. 0.000 min

Lab File: VV036642.D

Acq: 23 Jul 2024 13:36

Tgt Ion: 95 Resp: 1650967

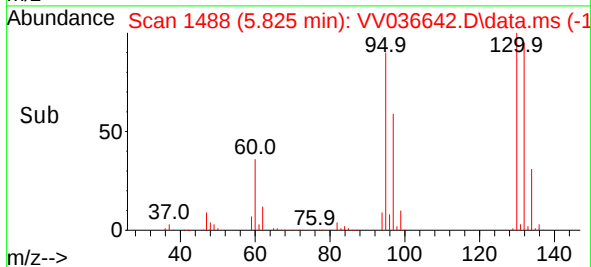
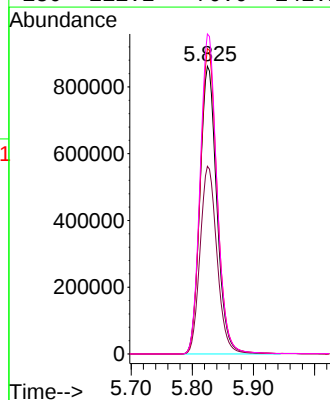
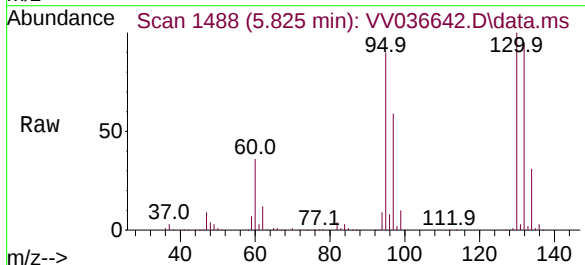
Ion Ratio Lower Upper

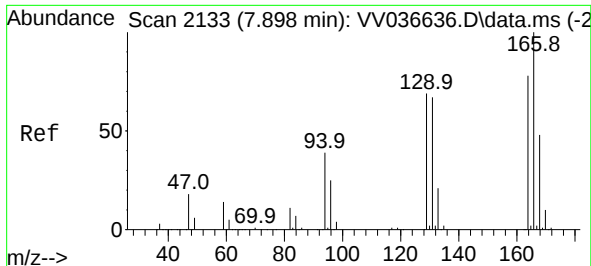
95 100

97 65.2 45.1 83.7

132 106.1 72.7 134.9

130 111.2 76.0 141.2





#46

Tetrachloroethene

Concen: 0.728 ug/L

RT: 7.911 min Scan# 2133

Delta R.T. 0.013 min

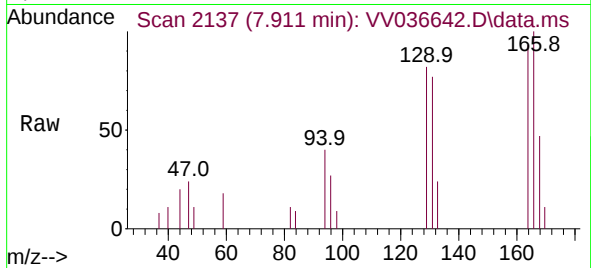
Lab File: VV036642.D

Acq: 23 Jul 2024 13:36

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 2464

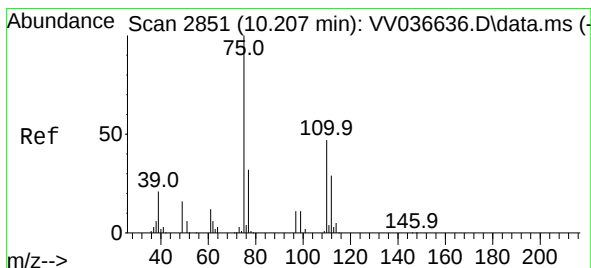
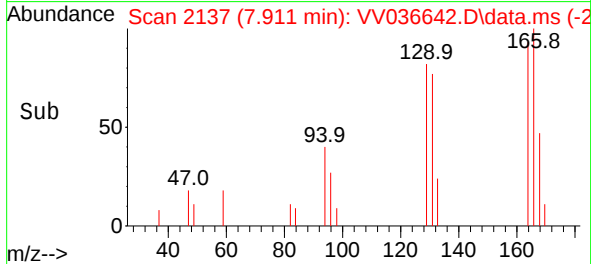
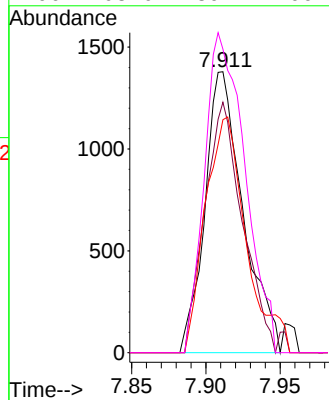
Ion Ratio Lower Upper

164 100

129 89.1 61.0 113.2

131 83.0 60.1 111.5

166 108.0 89.7 166.7



#61

1,2,3-Trichloropropane

Concen: 5.303 ug/L

RT: 11.181 min Scan# 3154

Delta R.T. 0.974 min

Lab File: VV036642.D

Acq: 23 Jul 2024 13:36

Tgt Ion: 75 Resp: 5986

Ion Ratio Lower Upper

75 100

77 36.4 25.9 38.9

110 1.3 36.2 54.4#

