

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041023\
 Data File : VV030477.D
 Acq On : 10 Apr 2023 19:02
 Operator : SY/MD
 Sample : 02254-06
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AA8

Quant Time: Apr 11 06:31:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 11 06:24:59 2023
 Response via : Initial Calibration

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

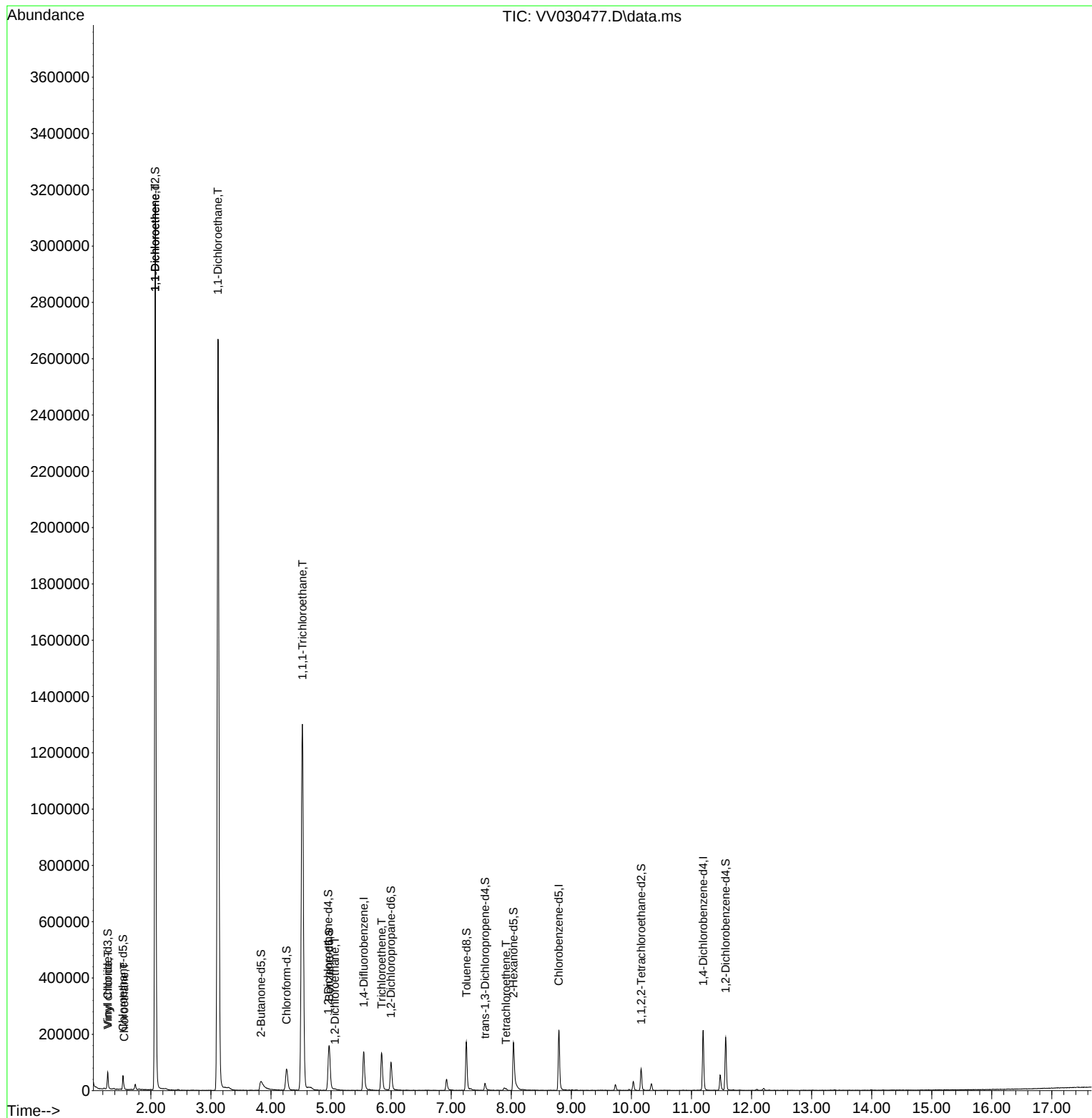
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	117751	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	118833	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	58090	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	26005	3.335	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	66.600%	
7) Chloroethane-d5	1.535	69	29831	3.942	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	78.800%	
11) 1,1-Dichloroethene-d2	2.072	63	558202	30.164	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	603.200%#	
20) 2-Butanone-d5	3.834	46	84072	41.708	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	83.420%	
24) Chloroform-d	4.259	84	81884	4.338	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.800%	
26) 1,2-Dichloroethane-d4	4.953	65	40946	4.598	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.000%	
32) Benzene-d6	4.969	84	141475	4.225	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.400%	
36) 1,2-Dichloropropane-d6	5.998	67	46635	4.448	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	89.000%	
41) Toluene-d8	7.252	98	119136	3.874	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	77.400%	
43) trans-1,3-Dichloroprop...	7.564	79	14393	3.646	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	73.000%	
46) 2-Hexanone-d5	8.037	63	65024	40.996	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	82.000%	
56) 1,1,2,2-Tetrachloroeth...	10.162	84	35259	4.267	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	85.400%	
66) 1,2-Dichlorobenzene-d4	11.570	152	49356	4.754	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	95.000%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.285	62	12986	0.943	ug/L	91
8) Chloroethane	1.555	64	3759	0.477	ug/L	94
12) 1,1-Dichloroethene	2.072	96	883371	89.786	ug/L #	69
19) 1,1-Dichloroethane	3.117	63	2574099	128.105	ug/L	97
27) 1,2-Dichloroethane	5.066	62	2759	0.225	ug/L #	73
29) 1,1,1-Trichloroethane	4.522	97	1056552	55.317	ug/L	99
34) Trichloroethene	5.841	95	47568	4.179	ug/L	99
47) Tetrachloroethene	7.911	164	1221	0.122	ug/L	95

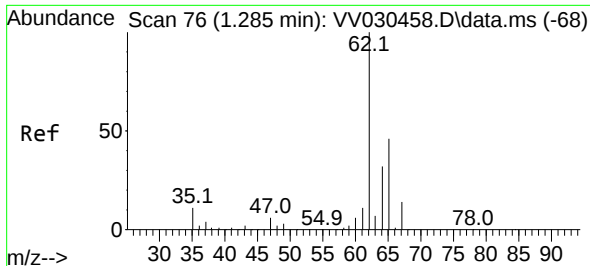
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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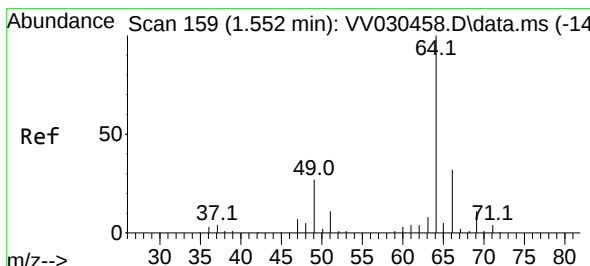
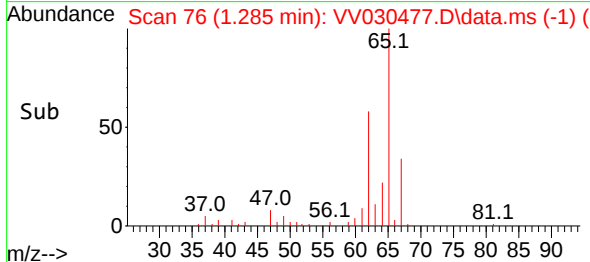
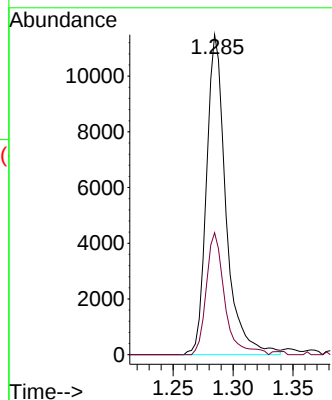
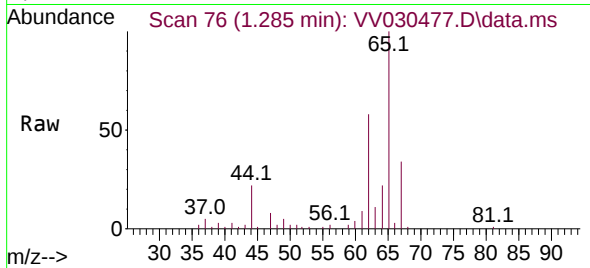




#5
 Vinyl chloride
 Concen: 0.943 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VV030477.D
 Acq: 10 Apr 2023 19:02

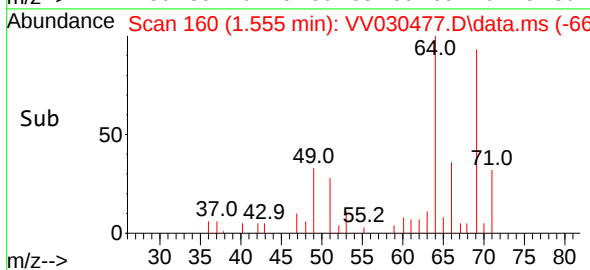
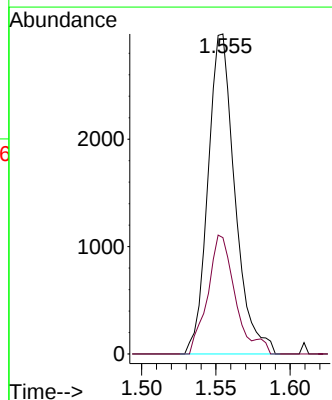
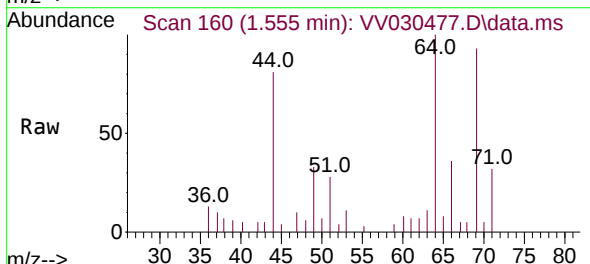
Instrument :
 MSVOA_V
 ClientSampleId :
 C0AA8

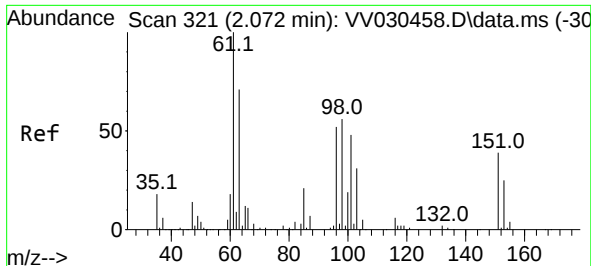
Tgt Ion: 62 Resp: 12986
 Ion Ratio Lower Upper
 62 100
 64 38.1 23.2 43.2



#8
 Chloroethane
 Concen: 0.477 ug/L
 RT: 1.555 min Scan# 160
 Delta R.T. 0.003 min
 Lab File: VV030477.D
 Acq: 10 Apr 2023 19:02

Tgt Ion: 64 Resp: 3759
 Ion Ratio Lower Upper
 64 100
 66 36.3 23.0 42.8





#12

1,1-Dichloroethene

Concen: 89.786 ug/L

RT: 2.072 min Scan# 321

Delta R.T. -0.000 min

Lab File: VV030477.D

Acq: 10 Apr 2023 19:02

Instrument :

MSVOA_V

ClientSampleId :

C0AA8

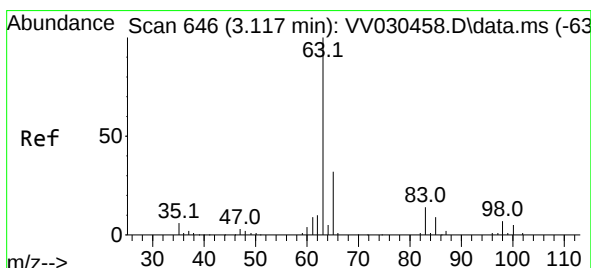
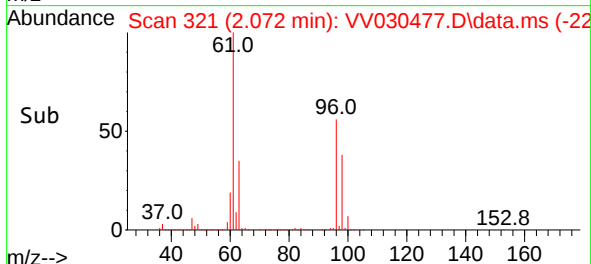
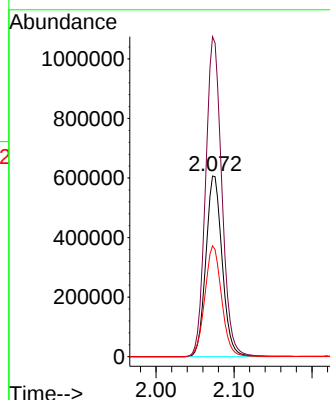
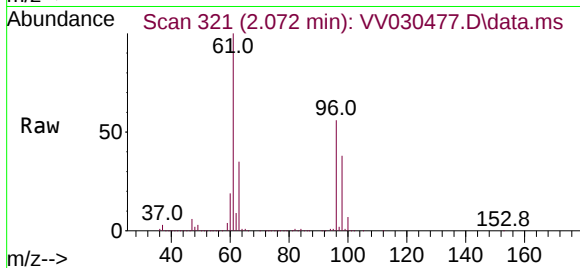
Tgt Ion: 96 Resp: 883371

Ion Ratio Lower Upper

96 100

61 177.1 136.3 253.1

63 61.4 92.1 171.1#



#19

1,1-Dichloroethane

Concen: 128.105 ug/L

RT: 3.117 min Scan# 646

Delta R.T. -0.000 min

Lab File: VV030477.D

Acq: 10 Apr 2023 19:02

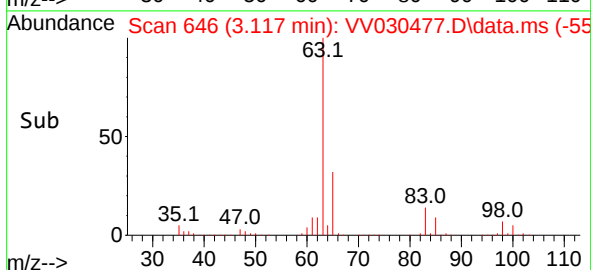
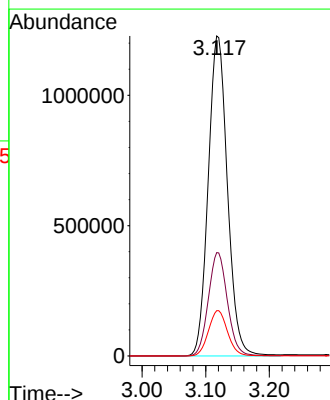
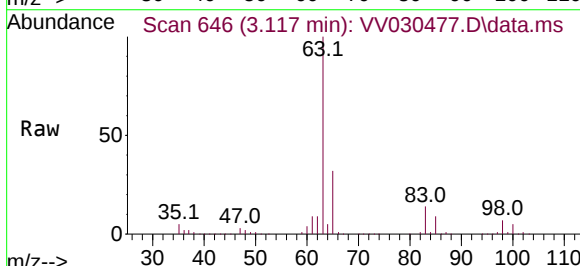
Tgt Ion: 63 Resp: 2574099

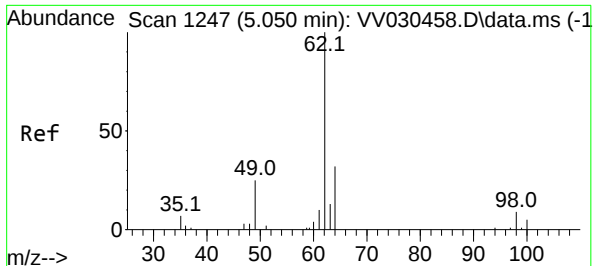
Ion Ratio Lower Upper

63 100

65 32.3 21.7 40.3

83 14.2 9.1 16.9





#27

1,2-Dichloroethane

Concen: 0.225 ug/L

RT: 5.066 min Scan# 11

Delta R.T. 0.016 min

Lab File: VV030477.D

Acq: 10 Apr 2023 19:02

Instrument :

MSVOA_V

ClientSampleId :

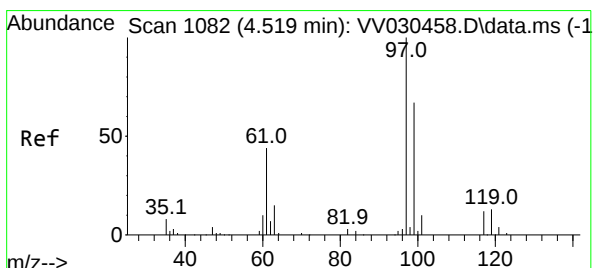
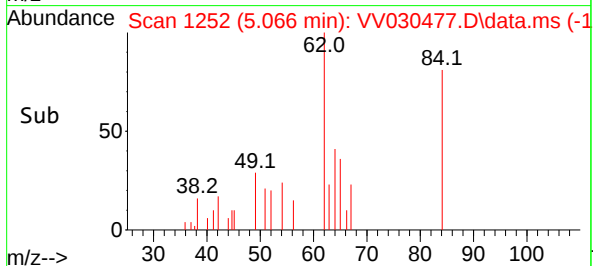
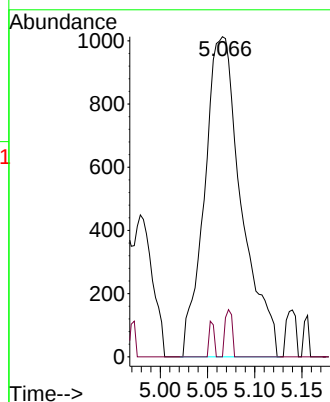
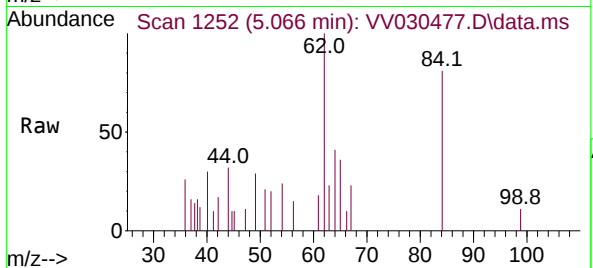
C0AA8

Tgt Ion: 62 Resp: 2759

Ion Ratio Lower Upper

62 100

98 0.0 7.8 11.8#



#29

1,1,1-Trichloroethane

Concen: 55.317 ug/L

RT: 4.522 min Scan# 1083

Delta R.T. 0.003 min

Lab File: VV030477.D

Acq: 10 Apr 2023 19:02

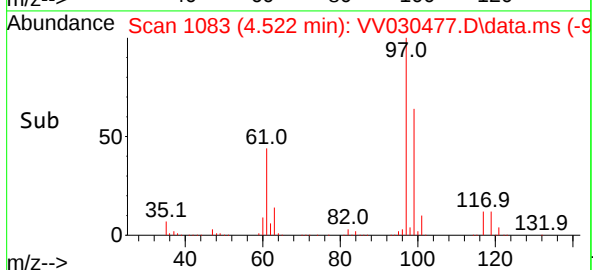
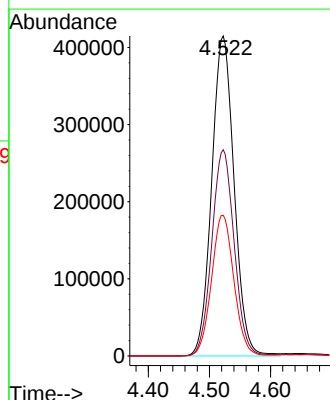
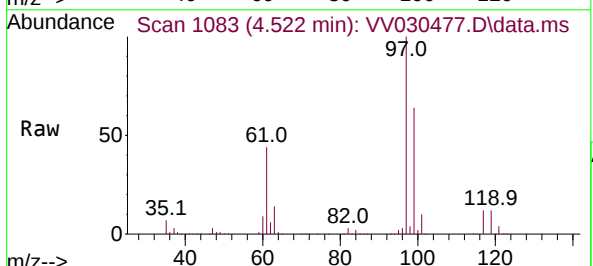
Tgt Ion: 97 Resp: 1056552

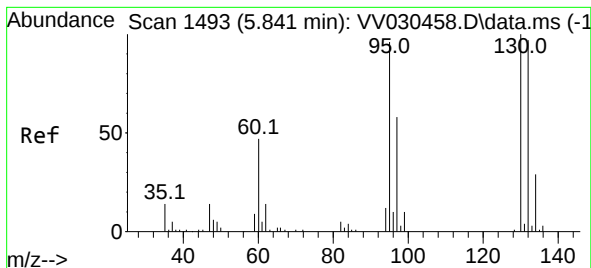
Ion Ratio Lower Upper

97 100

99 64.5 50.9 76.3

61 43.9 35.9 53.9





#34

Trichloroethene

Concen: 4.179 ug/L

RT: 5.841 min Scan# 1493

Delta R.T. -0.000 min

Lab File: VV030477.D

Acq: 10 Apr 2023 19:02

Instrument :

MSVOA_V

ClientSampleId :

C0AA8

Tgt Ion: 95 Resp: 47568

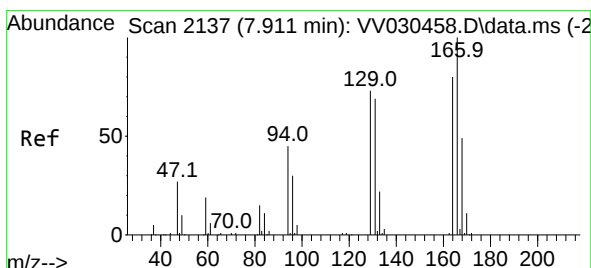
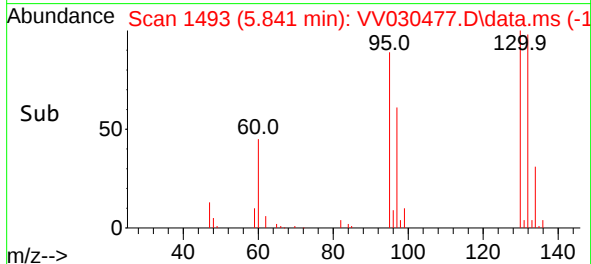
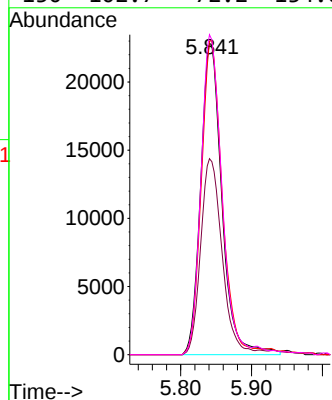
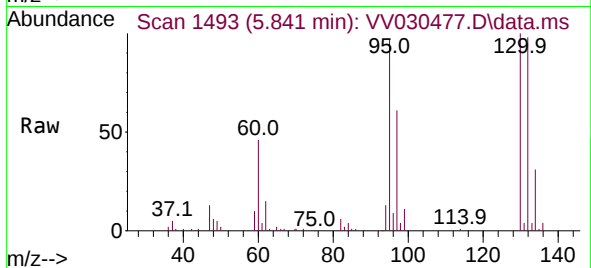
Ion Ratio Lower Upper

95 100

97 62.9 44.2 82.2

132 100.6 69.5 129.1

130 102.7 72.2 134.0



#47

Tetrachloroethene

Concen: 0.122 ug/L

RT: 7.911 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VV030477.D

Acq: 10 Apr 2023 19:02

Tgt Ion: 164 Resp: 1221

Ion Ratio Lower Upper

164 100

129 89.8 60.8 112.8

131 86.3 61.7 114.7

166 132.0 85.6 159.0

