

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091721\
 Data File : VV022182.D
 Acq On : 17 Sep 2021 13:33
 Operator : SY/MD
 Sample : M3778-02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 18 02:57:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 18 02:49:48 2021
 Response via : Initial Calibration

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

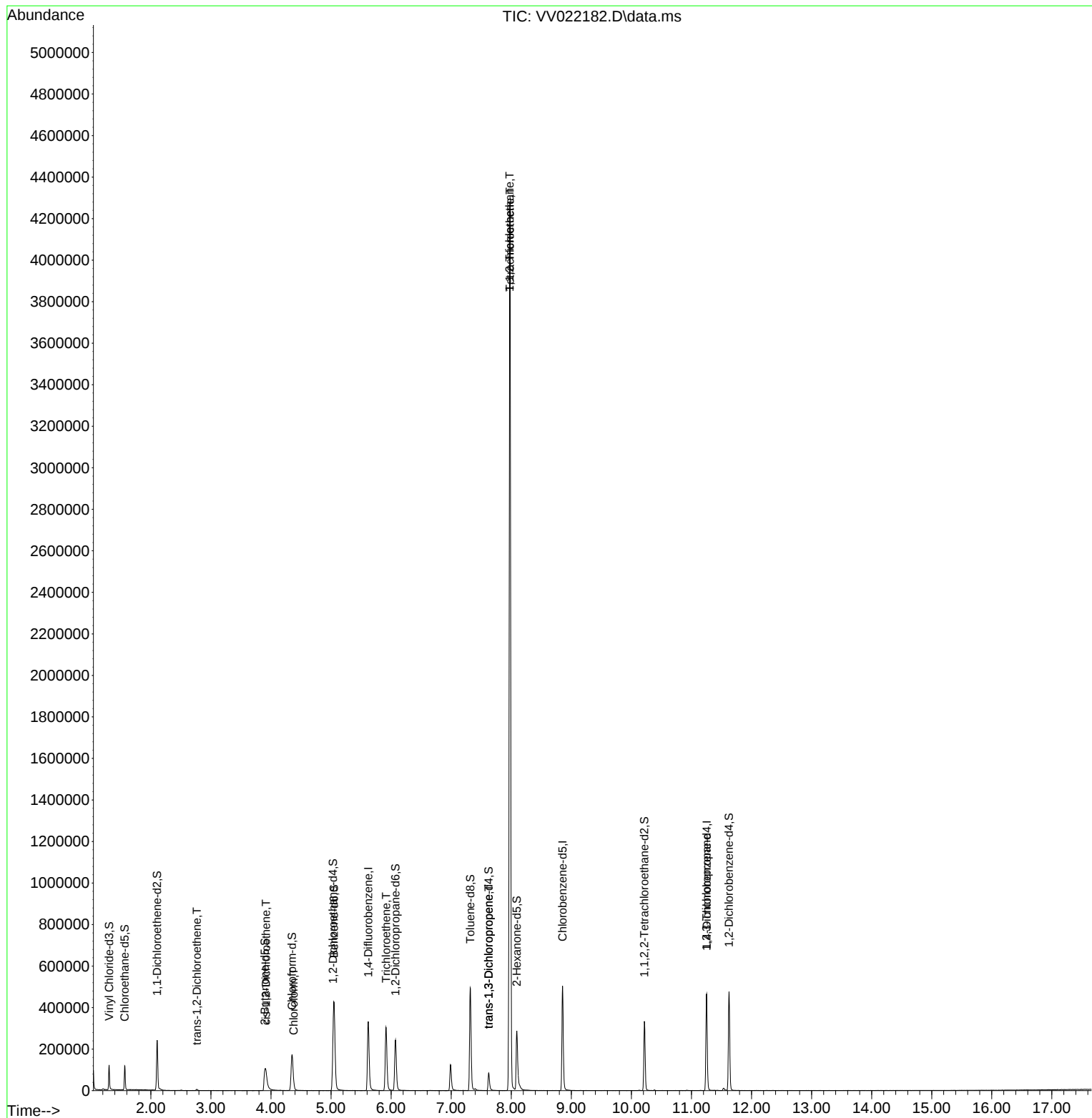
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	299705	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	281459	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	126169	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	78082	37.621	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	75.240%		
7) Chloroethane-d5	1.565	69	71442	44.078	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	88.160%		
11) 1,1-Dichloroethene-d2	2.105	63	122620	35.723	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	71.440%		
21) 2-Butanone-d5	3.899	46	160219	112.560	ug/L	0.03
Spiked Amount 100.000	Range 40 - 130		Recovery =	112.560%		
24) Chloroform-d	4.349	84	183446	48.474	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.940%		
26) 1,2-Dichloroethane-d4	5.034	65	115877	51.983	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	103.960%		
32) Benzene-d6	5.050	84	372025	48.732	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.460%		
36) 1,2-Dichloropropane-d6	6.072	67	121315	50.530	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	101.060%		
41) Toluene-d8	7.317	98	333021	46.212	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.420%		
43) trans-1,3-Dichloroprop...	7.625	79	49928	43.693	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.380%		
47) 2-Hexanone-d5	8.092	63	101569	110.258	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	110.260%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	159092	51.741	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	103.480%		
66) 1,2-Dichlorobenzene-d4	11.625	152	126219	50.888	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.780%		
Target Compounds						Qvalue
17) trans-1,2-Dichloroethene	2.767	96	1824	0.873	ug/L #	78
20) cis-1,2-Dichloroethene	3.915	96	23879	10.264	ug/L	99
25) Chloroform	4.378	83	2088	0.530	ug/L	93
34) Trichloroethene	5.915	95	103245	44.511	ug/L	97
44) trans-1,3-Dichloropropene	7.625	75	1939	0.636	ug/L #	74
45) 1,1,2-Trichloroethane	7.976	97	7706	3.568	ug/L #	1
46) Tetrachloroethene	7.979	164	961074	532.862	ug/L	97
61) 1,2,3-Trichloropropane	11.249	75	14210	6.498	ug/L #	65

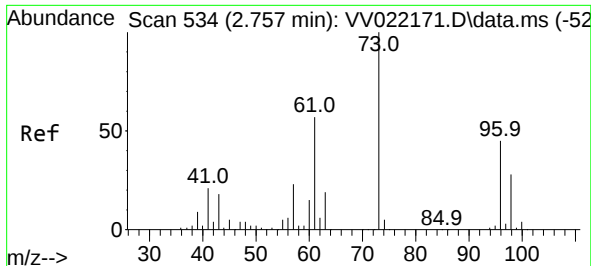
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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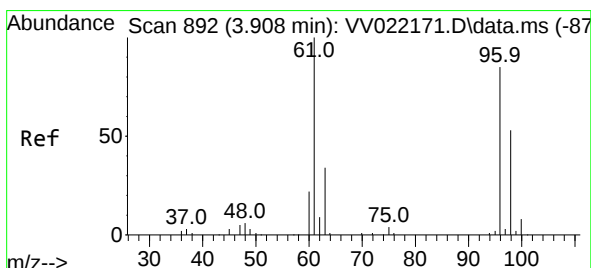
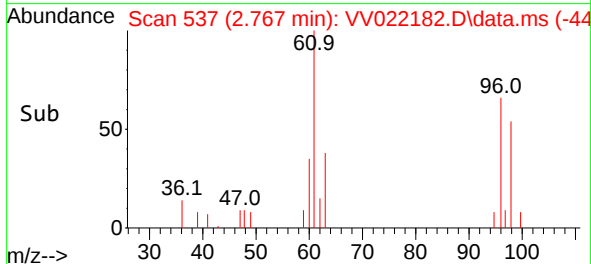
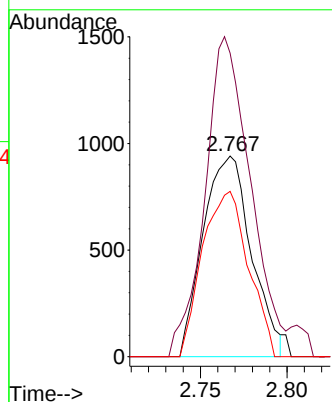
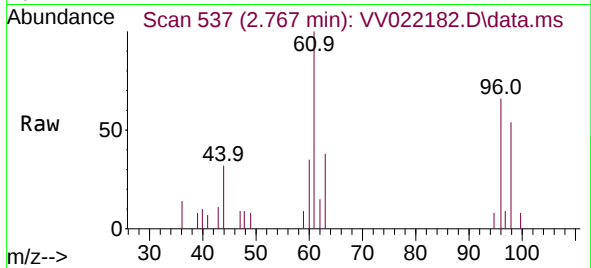




#17
trans-1,2-Dichloroethene
Concen: 0.873 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.010 min
Lab File: VV022182.D
Acq: 17 Sep 2021 13:33

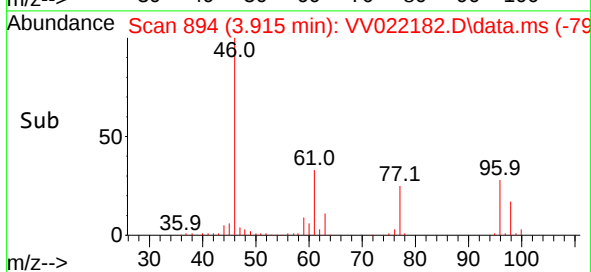
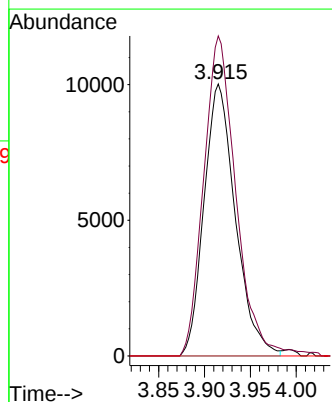
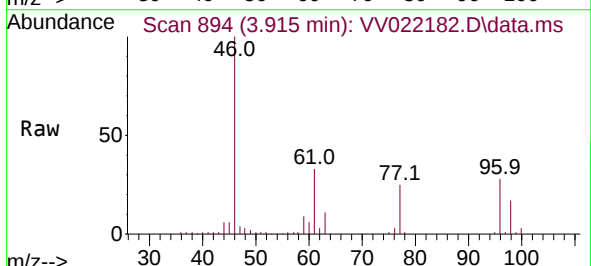
Instrument :
MSVOA_V
ClientSampleId :

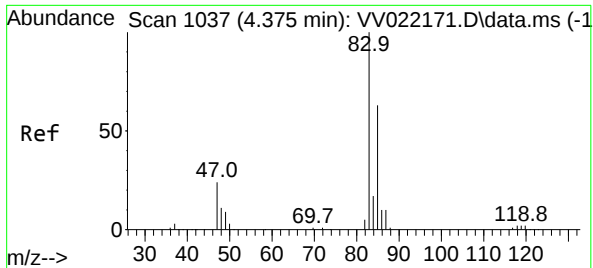
Tgt Ion: 96 Resp: 1824
Ion Ratio Lower Upper
96 100
61 151.3 89.1 165.5
98 82.4 43.8 81.3#



#20
cis-1,2-Dichloroethene
Concen: 10.264 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.006 min
Lab File: VV022182.D
Acq: 17 Sep 2021 13:33

Tgt Ion: 96 Resp: 23879
Ion Ratio Lower Upper
96 100
61 117.6 81.8 152.0
68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.530 ug/L

RT: 4.378 min Scan# 1038

Delta R.T. 0.003 min

Lab File: VV022182.D

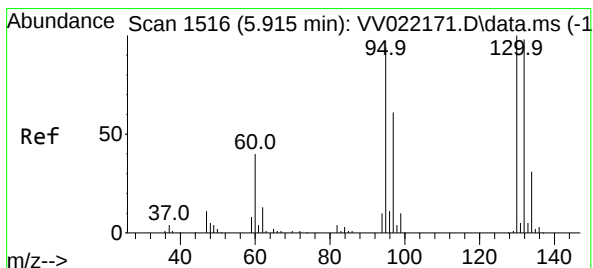
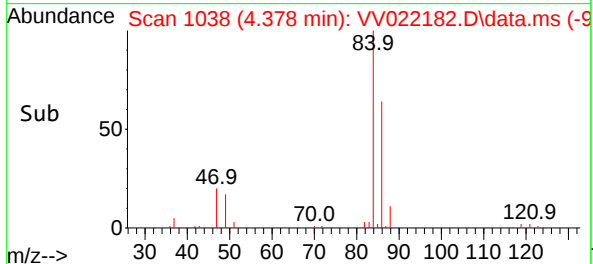
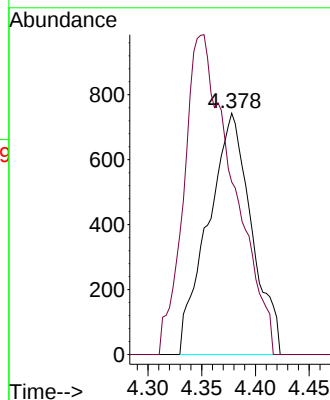
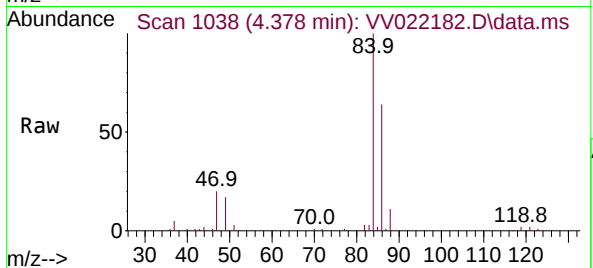
Acq: 17 Sep 2021 13:33

Tgt Ion: 83 Resp: 2088

Ion Ratio Lower Upper

83 100

85 71.5 46.3 85.9



#34

Trichloroethene

Concen: 44.511 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VV022182.D

Acq: 17 Sep 2021 13:33

Tgt Ion: 95 Resp: 103245

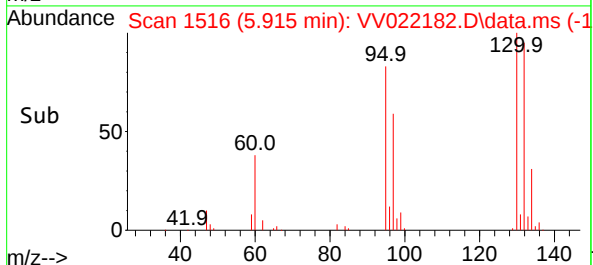
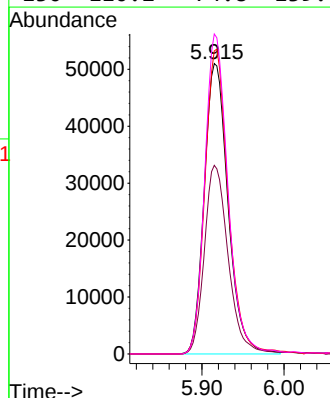
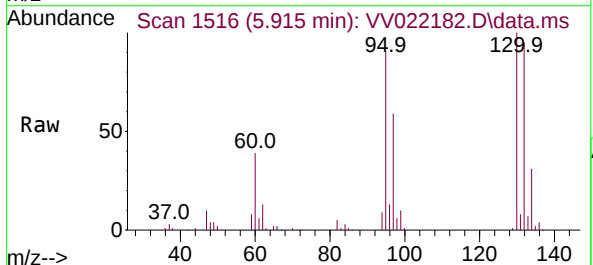
Ion Ratio Lower Upper

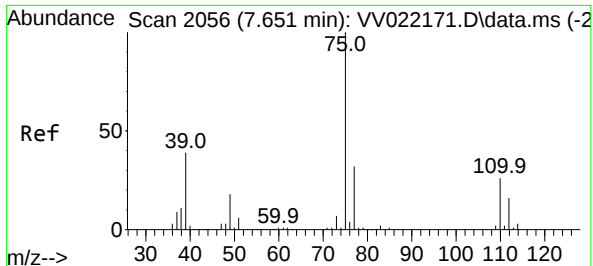
95 100

97 64.9 44.1 81.9

132 104.3 70.7 131.3

130 110.2 74.8 139.0

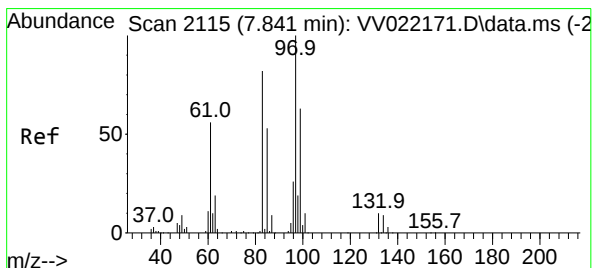
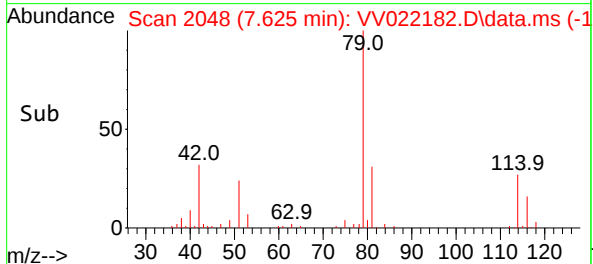
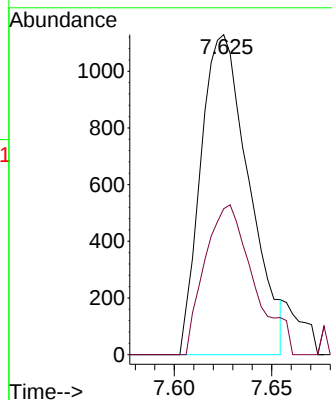
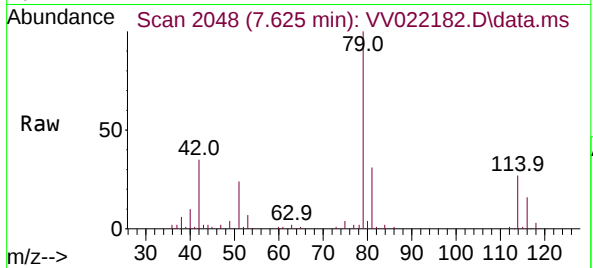




#44
trans-1,3-Dichloropropene
Concen: 0.636 ug/L
RT: 7.625 min Scan# 2048
Delta R.T. -0.026 min
Lab File: VV022182.D
Acq: 17 Sep 2021 13:33

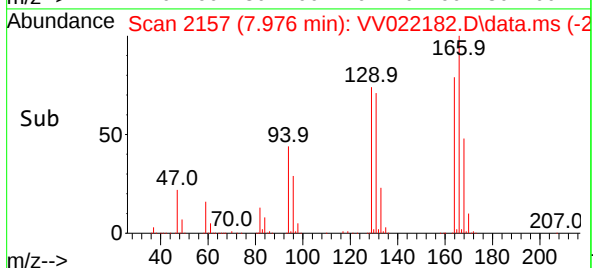
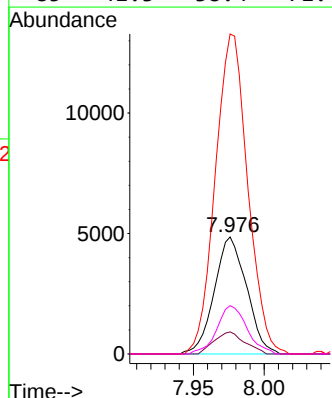
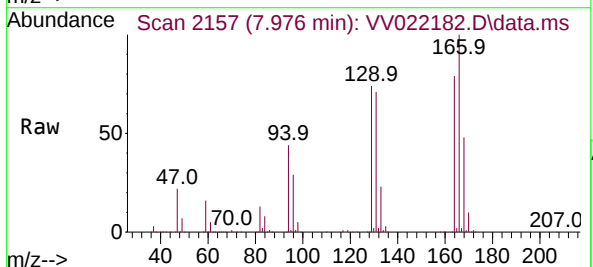
Instrument :
MSVOA_V
ClientSampled :

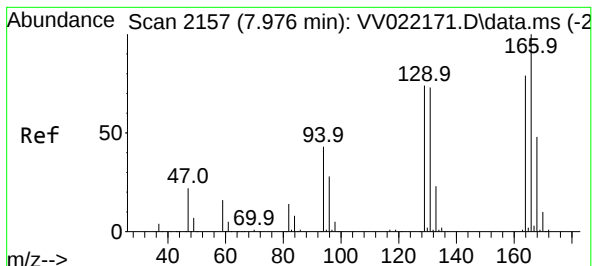
Tgt Ion: 75 Resp: 1939
Ion Ratio Lower Upper
75 100
77 45.6 21.8 40.6#



#45
1,1,2-Trichloroethane
Concen: 3.568 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.135 min
Lab File: VV022182.D
Acq: 17 Sep 2021 13:33

Tgt Ion: 97 Resp: 7706
Ion Ratio Lower Upper
97 100
99 18.9 43.8 81.4#
83 273.4 58.8 109.2#
85 41.3 38.4 71.4





#46

Tetrachloroethene

Concen: 532.862 ug/L

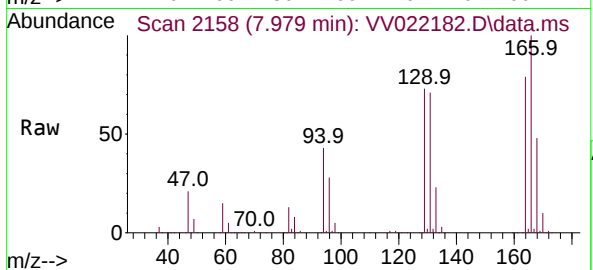
RT: 7.979 min Scan# 2158

Delta R.T. 0.003 min

Lab File: VV022182.D

Acq: 17 Sep 2021 13:33

Instrument :
MSVOA_V
ClientSampled :



Tgt Ion:164 Resp: 961074

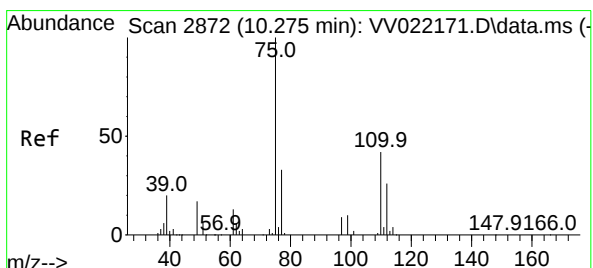
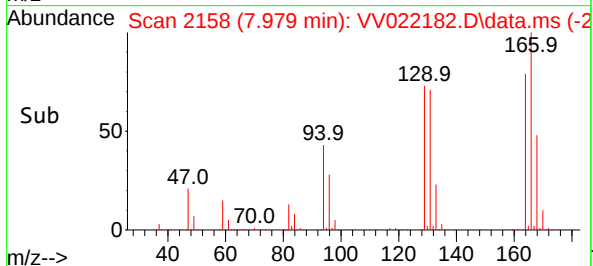
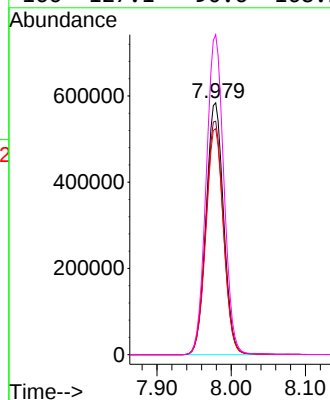
Ion Ratio Lower Upper

164 100

129 92.7 62.9 116.9

131 89.7 61.0 113.4

166 127.1 90.6 168.3



#61

1,2,3-Trichloropropane

Concen: 6.498 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.974 min

Lab File: VV022182.D

Acq: 17 Sep 2021 13:33

Tgt Ion: 75 Resp: 14210

Ion Ratio Lower Upper

75 100

77 32.4 26.2 39.2

110 3.1 33.8 50.6#

