

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012121\
 Data File : VW020125.D
 Acq On : 21 Jan 2021 23:36
 Operator : SY/MD
 Sample : M1181-19
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F1E48

Quant Time: Jan 22 06:48:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 22 06:43:18 2021
 Response via : Initial Calibration

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

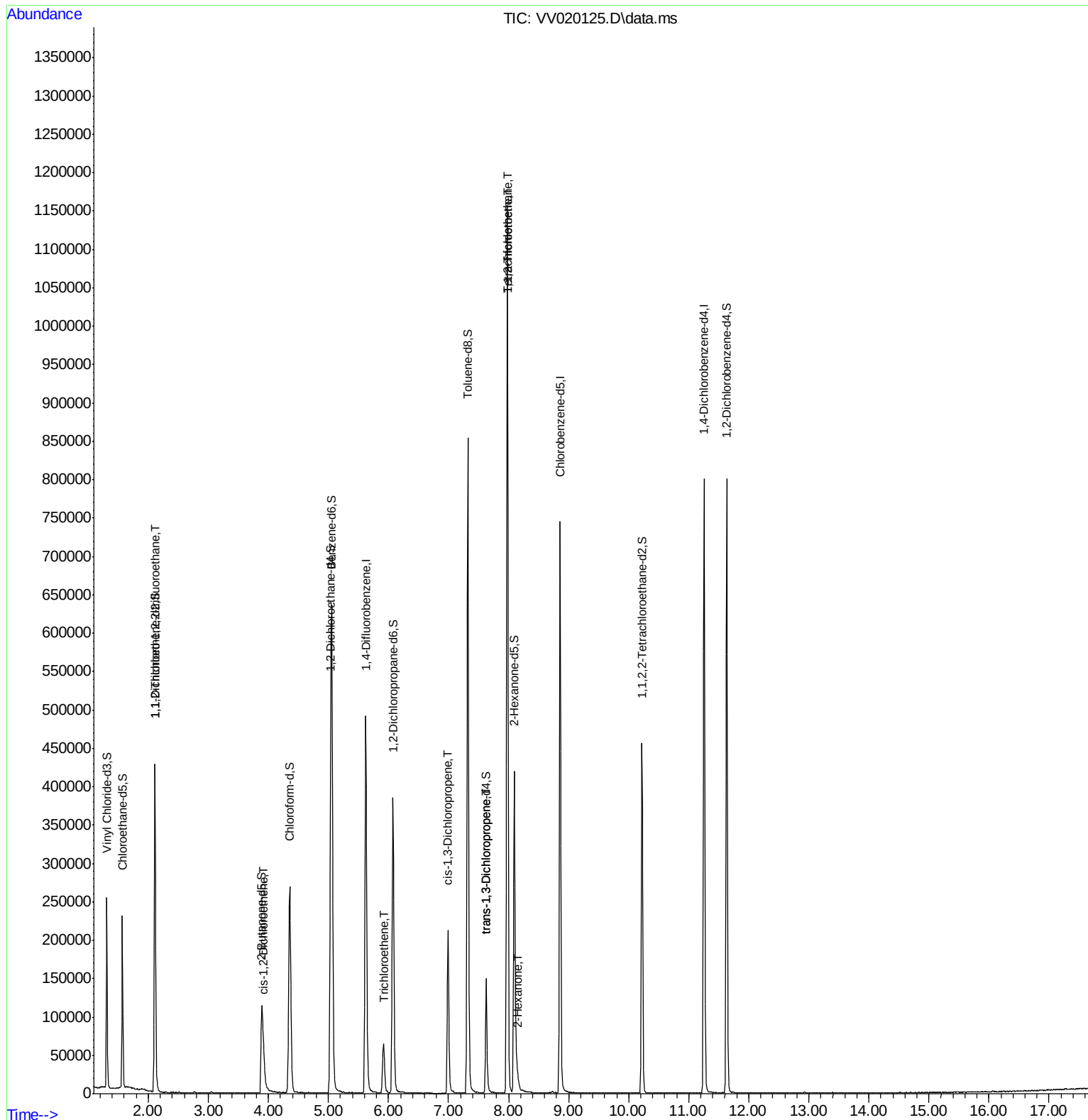
Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	395235	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.859	117	376510	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.254	152	186811	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.309	65	153200	52.26	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 104.52%			
7) Chloroethane-d5	1.570	69	135030	55.03	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 110.06%			
11) 1,1-Dichloroethene-d2	2.110	63	224697	38.37	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 76.74%			
21) 2-Butanone-d5	3.891	46	197366	98.17	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 98.17%			
24) Chloroform-d	4.354	84	266914	48.61	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.22%			
26) 1,2-Dichloroethane-d4	5.039	65	192530	50.59	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.18%			
32) Benzene-d6	5.055	84	510427	49.23	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.46%			
36) 1,2-Dichloropropane-d6	6.074	67	170678	52.14	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 104.28%			
41) Toluene-d8	7.319	98	543410	56.33	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 112.66%			
43) trans-1,3-Dichloroprop...	7.627	79	81851	51.10	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 102.20%			
47) 2-Hexanone-d5	8.093	63	131099	96.34	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 96.34%			
57) 1,1,2,2-Tetrachloroeth...	10.222	84	199261	44.47	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 88.94%			
64) 1,2-Dichlorobenzene-d4	11.633	152	180769	51.50	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.00%			
Target Compounds						
10) 1,1,2-Trichloro-1,2,2-...	2.110	101	2201	0.79	ug/L #	24
20) cis-1,2-Dichloroethene	3.917	96	9752	3.41	ug/L	91
34) Trichloroethene	5.923	95	14456	4.52	ug/L	95
39) cis-1,3-Dichloropropene	6.991	75	5335	1.17	ug/L #	70
44) trans-1,3-Dichloropropene	7.627	75	4132	0.95	ug/L	90
45) 1,1,2-Trichloroethane	7.978	97	2189	0.75	ug/L #	5
46) Tetrachloroethene	7.981	164	247004	103.44	ug/L	97
48) 2-Hexanone	8.151	43	9432	2.75	ug/L #	48

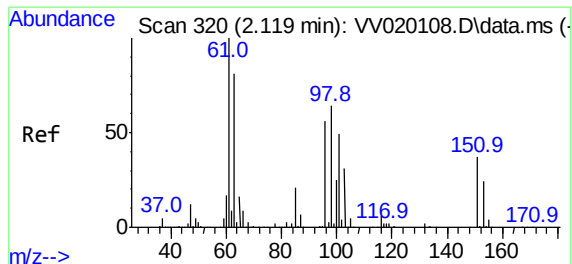
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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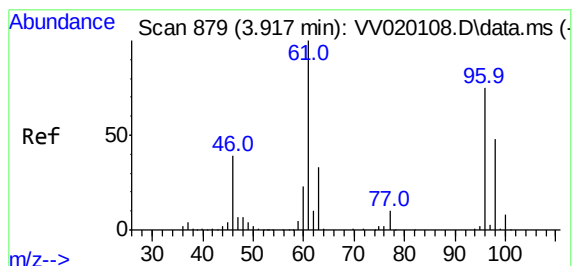
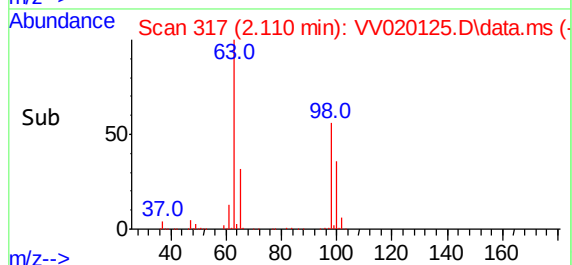
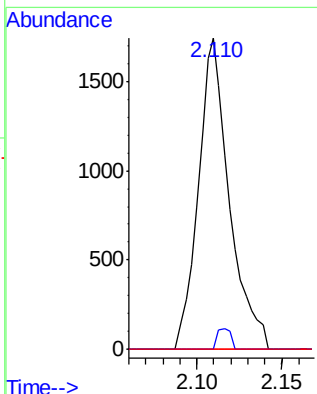
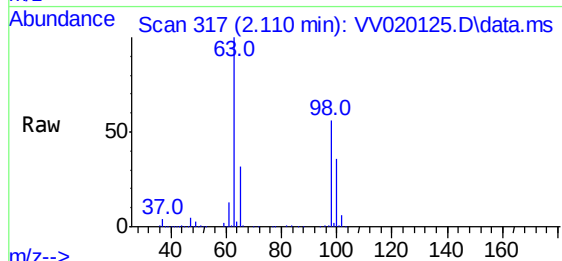




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.79 ug/L
 RT: 2.110 min Scan# 317
 Delta R.T. -0.009 min
 Lab File: VV020125.D
 Acq: 21 Jan 2021 23:36

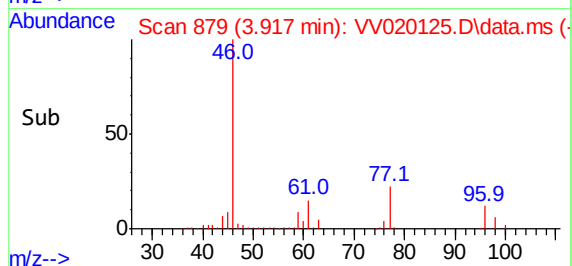
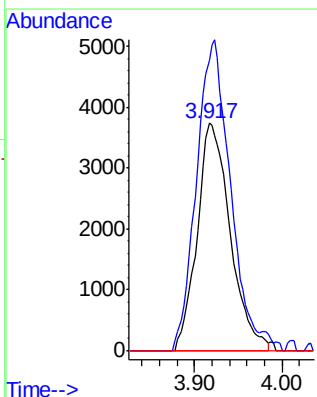
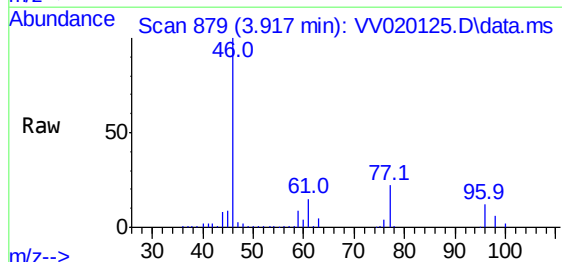
Instrument :
 MSVOA_V
 ClientSampleId :
 F1E48

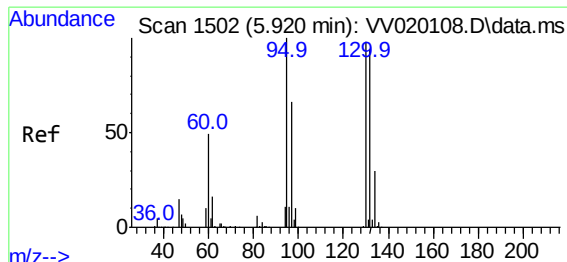
Tgt Ion:101 Resp: 2201
 Ion Ratio Lower Upper
 101 100
 85 2.9 35.3 52.9#
 151 0.0 53.6 80.4#



#20
 cis-1,2-Dichloroethene
 Concen: 3.41 ug/L
 RT: 3.917 min Scan# 879
 Delta R.T. 0.000 min
 Lab File: VV020125.D
 Acq: 21 Jan 2021 23:36

Tgt Ion: 96 Resp: 9752
 Ion Ratio Lower Upper
 96 100
 61 127.9 96.9 179.9
 68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 4.52 ug/L

RT: 5.923 min Scan# 1503

Delta R.T. 0.003 min

Lab File: VV020125.D

Acq: 21 Jan 2021 23:36

Tgt Ion: 95 Resp: 14456

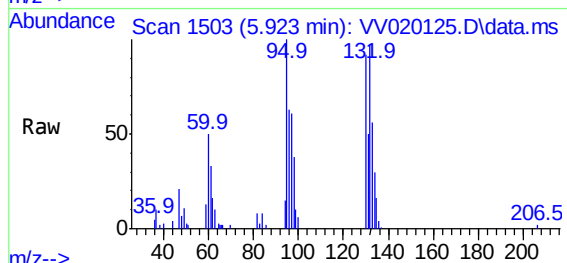
Ion Ratio Lower Upper

95 100

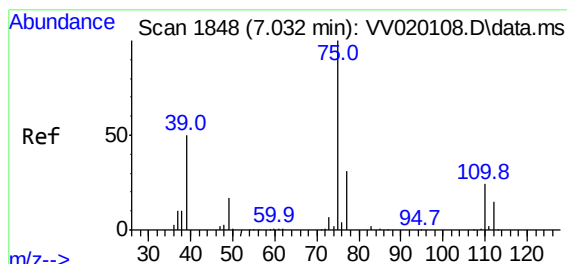
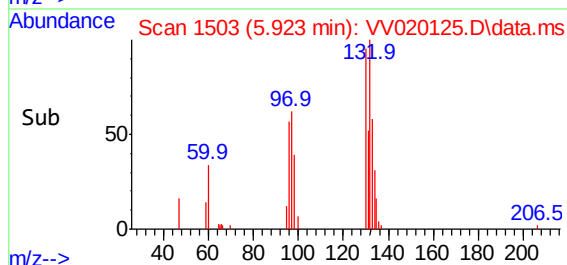
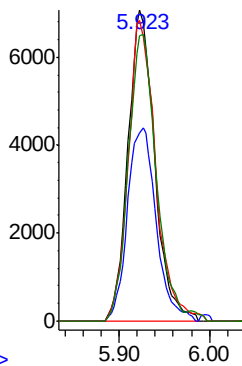
97 60.5 44.5 82.7

132 96.8 63.4 117.8

130 91.9 67.1 124.5



Abundance



#39

cis-1,3-Dichloropropene

Concen: 1.17 ug/L

RT: 6.991 min Scan# 1835

Delta R.T. -0.042 min

Lab File: VV020125.D

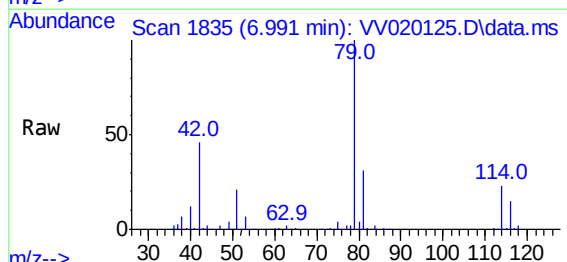
Acq: 21 Jan 2021 23:36

Tgt Ion: 75 Resp: 5335

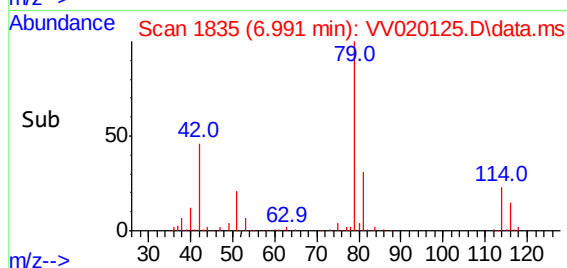
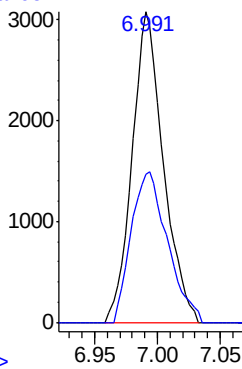
Ion Ratio Lower Upper

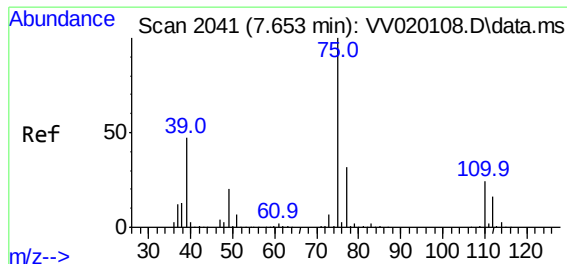
75 100

77 47.7 21.8 40.6#



Abundance



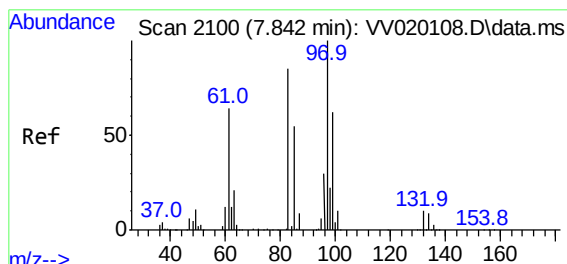
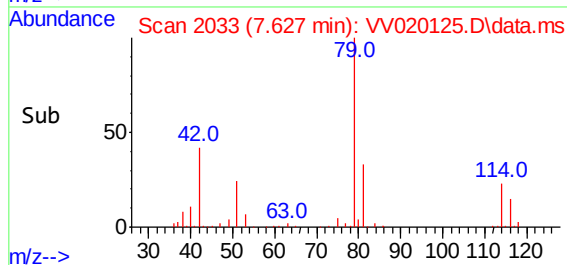
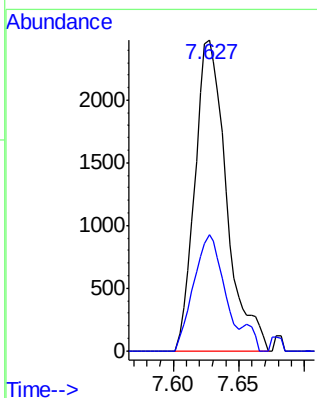
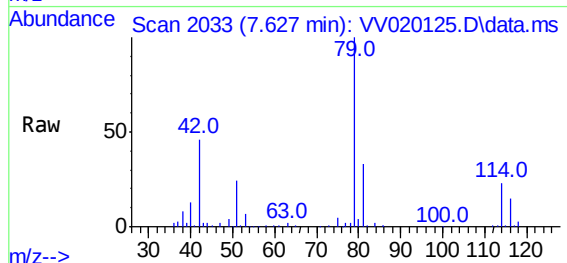


#44

trans-1,3-Dichloropropene
Concen: 0.95 ug/L
RT: 7.627 min Scan# 2033
Delta R.T. -0.026 min
Lab File: VV020125.D
Acq: 21 Jan 2021 23:36

Instrument :
MSVOA_V
ClientSampled :
F1E48

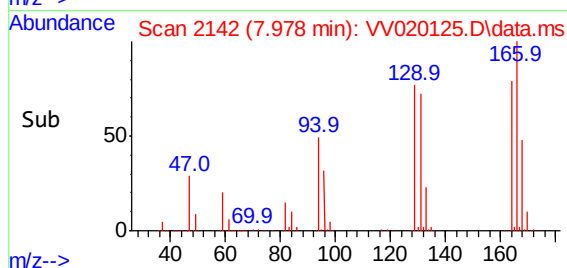
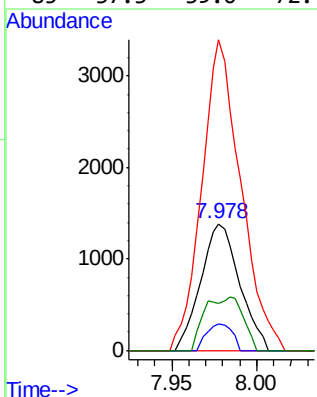
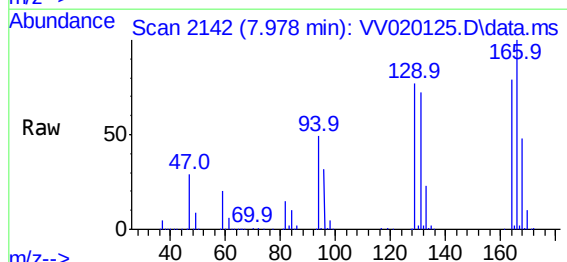
Tgt Ion: 75 Resp: 4132
Ion Ratio Lower Upper
75 100
77 37.2 22.0 41.0

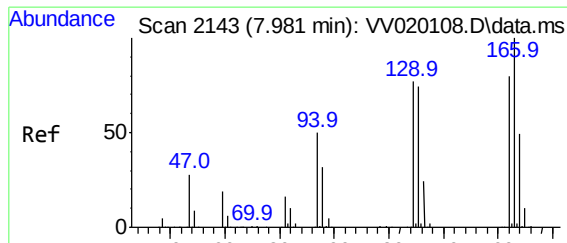


#45

1,1,2-Trichloroethane
Concen: 0.75 ug/L
RT: 7.978 min Scan# 2142
Delta R.T. 0.135 min
Lab File: VV020125.D
Acq: 21 Jan 2021 23:36

Tgt Ion: 97 Resp: 2189
Ion Ratio Lower Upper
97 100
99 21.2 43.8 81.3#
83 245.3 62.2 115.4#
85 37.3 39.0 72.4#

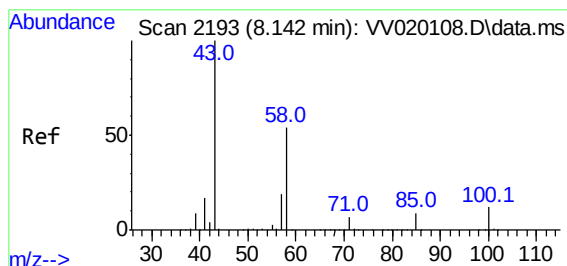
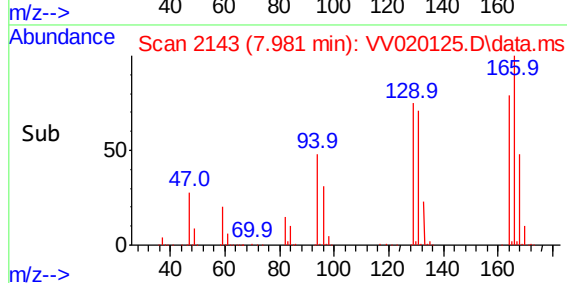
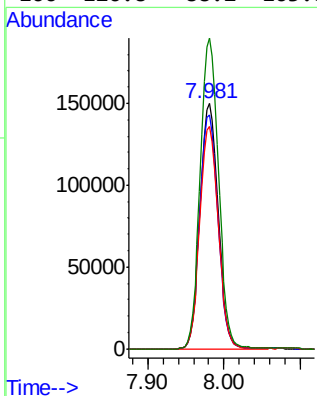
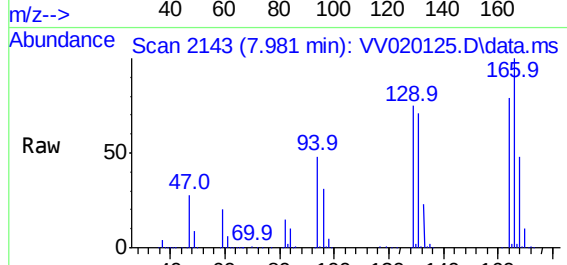




#46
Tetrachloroethene
Concen: 103.44 ug/L
RT: 7.981 min Scan# 2143
Delta R.T. 0.000 min
Lab File: VV020125.D
Acq: 21 Jan 2021 23:36

Instrument :
MSVOA_V
ClientSampleId :
F1E48

Tgt Ion:164 Resp: 247004
Ion Ratio Lower Upper
164 100
129 95.5 70.6 131.0
131 90.6 66.8 124.0
166 126.8 88.2 163.8



#48
2-Hexanone
Concen: 2.75 ug/L
RT: 8.151 min Scan# 2196
Delta R.T. 0.010 min
Lab File: VV020125.D
Acq: 21 Jan 2021 23:36

Tgt Ion: 43 Resp: 9432
Ion Ratio Lower Upper
43 100
58 6.2 41.8 62.6#
57 2.5 15.0 22.4#
100 5.7 8.9 13.3#

