

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012221\
 Data File : VW020140.D
 Acq On : 22 Jan 2021 17:02
 Operator : SY/MD
 Sample : M1181-21
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F1E52

Quant Time: Jan 23 00:16:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jan 23 00:14:09 2021
 Response via : Initial Calibration

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

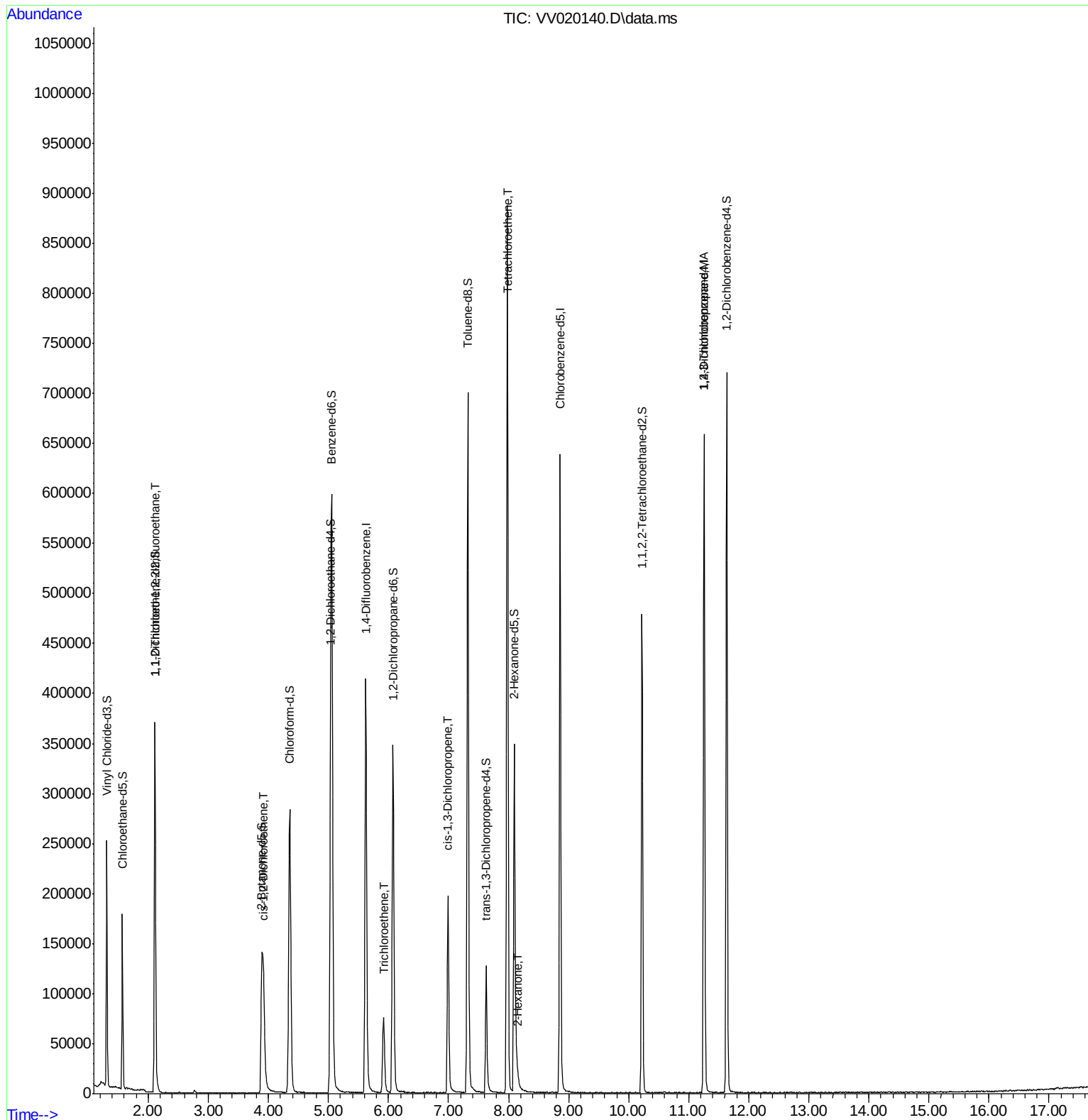
Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	329719	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.859	117	324306	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.257	152	156447	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.309	65	152441	62.34	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 124.68%			
7) Chloroethane-d5	1.569	69	105947	51.76	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 103.52%			
11) 1,1-Dichloroethene-d2	2.110	63	197841	40.50	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 81.00%			
21) 2-Butanone-d5	3.891	46	209760	125.07	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 125.07%			
24) Chloroform-d	4.354	84	286734	62.60	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 125.20%#			
26) 1,2-Dichloroethane-d4	5.036	65	183516	57.80	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 115.60%			
32) Benzene-d6	5.055	84	487135	54.54	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 109.08%			
36) 1,2-Dichloropropane-d6	6.074	67	152540	54.10	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 108.20%			
41) Toluene-d8	7.322	98	438695	52.80	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 105.60%			
43) trans-1,3-Dichloroprop...	7.627	79	68708	49.80	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 99.60%			
47) 2-Hexanone-d5	8.093	63	104163	88.87	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 88.87%			
57) 1,1,2,2-Tetrachloroeth...	10.222	84	204017	52.86	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 105.72%			
64) 1,2-Dichlorobenzene-d4	11.633	152	167863	57.10	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 114.20%			
Target Compounds						
10) 1,1,2-Trichloro-1,2,2-...	2.110	101	1690	0.72	ug/L #	23
20) cis-1,2-Dichloroethene	3.917	96	41613	17.44	ug/L	91
34) Trichloroethene	5.920	95	19608	7.12	ug/L	98
39) cis-1,3-Dichloropropene	6.990	75	5236	1.33	ug/L #	66
46) Tetrachloroethene	7.981	164	180365	87.69	ug/L	98
48) 2-Hexanone	8.154	43	9112	3.08	ug/L #	49
59) 1,2,3-Trichloropropane	11.254	75	21495	6.39	ug/L	93

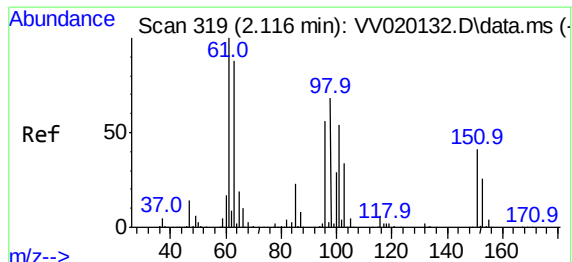
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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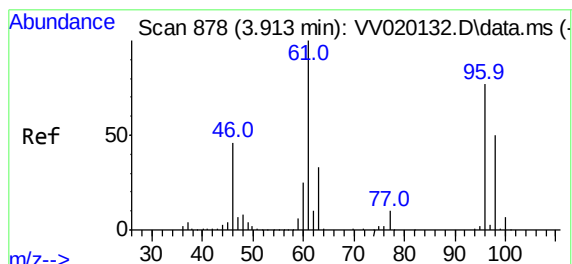
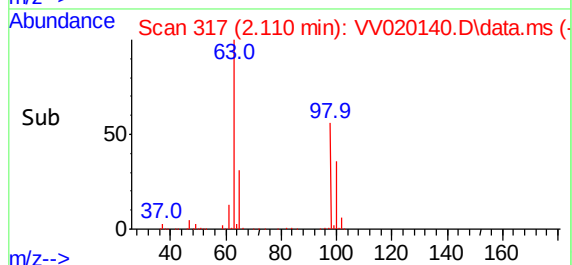
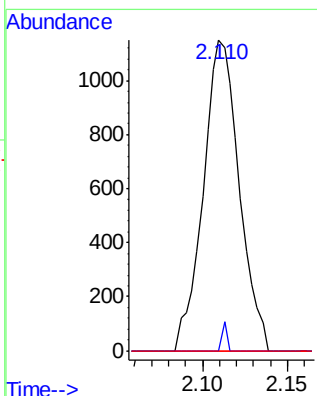
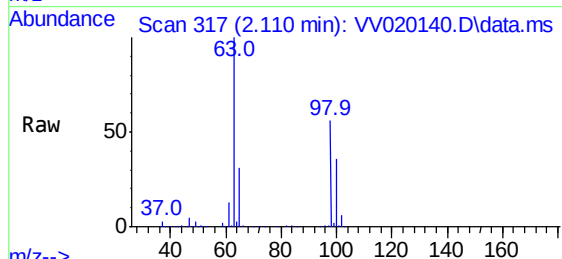




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.72 ug/L
 RT: 2.110 min Scan# 317
 Delta R.T. -0.006 min
 Lab File: VV020140.D
 Acq: 22 Jan 2021 17:02

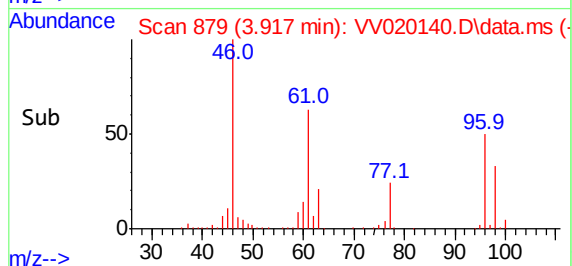
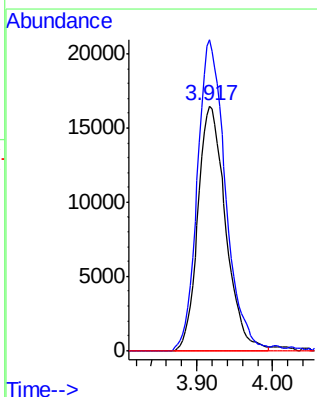
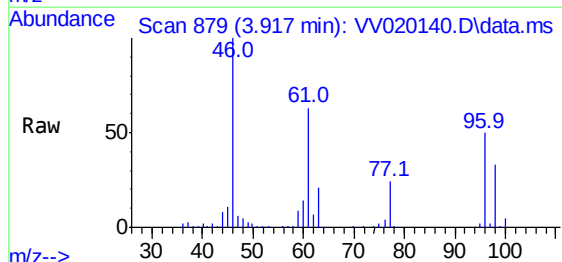
Instrument :
 MSVOA_V
 ClientSampled :
 F1E52

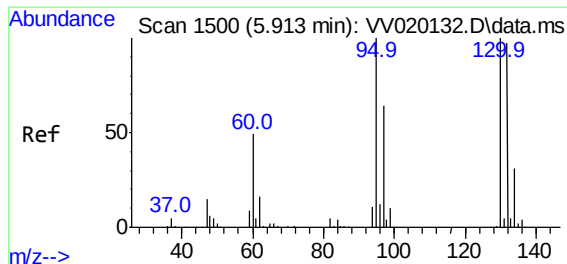
Tgt Ion:101 Resp: 1690
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.3 52.9#
 151 0.0 53.6 80.4#



#20
 cis-1,2-Dichloroethene
 Concen: 17.44 ug/L
 RT: 3.917 min Scan# 879
 Delta R.T. 0.003 min
 Lab File: VV020140.D
 Acq: 22 Jan 2021 17:02

Tgt Ion: 96 Resp: 41613
 Ion Ratio Lower Upper
 96 100
 61 127.1 96.9 179.9
 68 0.0 0.0 0.0

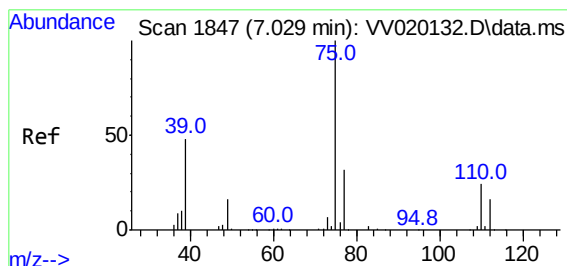
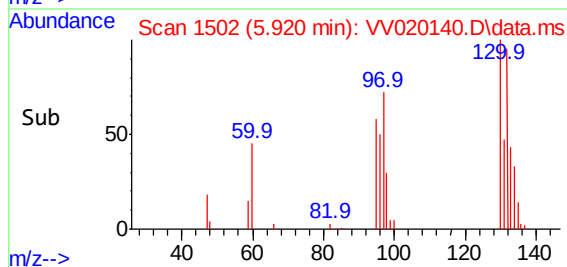
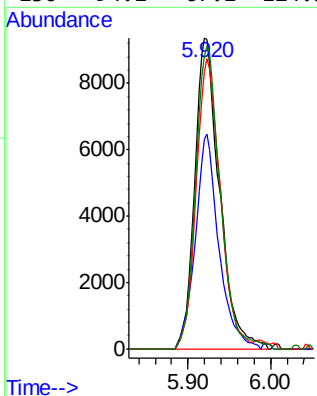
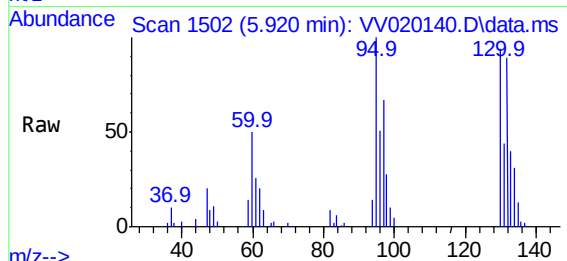




#34
Trichloroethene
Concen: 7.12 ug/L
RT: 5.920 min Scan# 1502
Delta R.T. 0.006 min
Lab File: VV020140.D
Acq: 22 Jan 2021 17:02

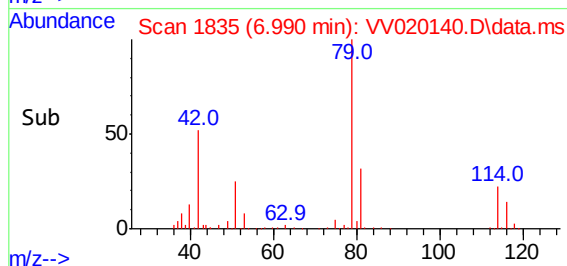
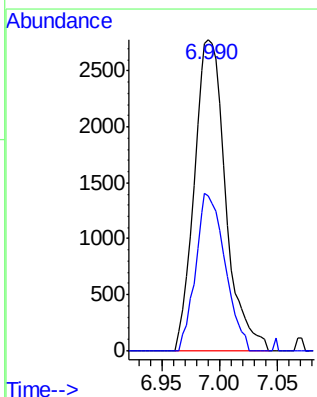
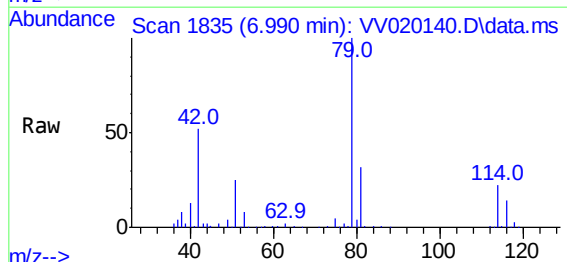
Instrument :
MSVOA_V
ClientSampleId :
F1E52

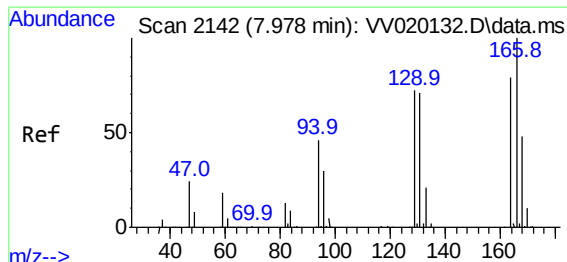
Tgt Ion: 95 Resp: 19608
Ion Ratio Lower Upper
95 100
97 67.4 44.5 82.7
132 89.2 63.4 117.8
130 94.1 67.1 124.5



#39
cis-1,3-Dichloropropene
Concen: 1.33 ug/L
RT: 6.990 min Scan# 1835
Delta R.T. -0.039 min
Lab File: VV020140.D
Acq: 22 Jan 2021 17:02

Tgt Ion: 75 Resp: 5236
Ion Ratio Lower Upper
75 100
77 49.7 21.8 40.6#

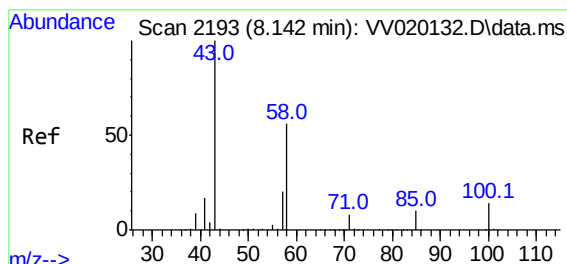
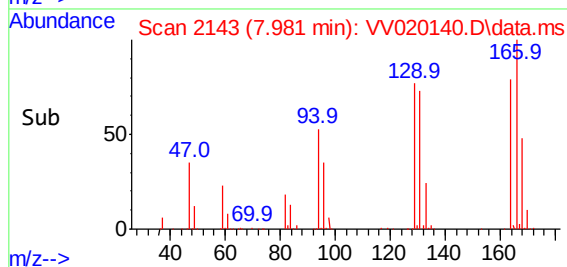
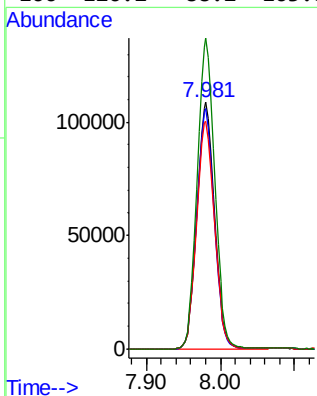
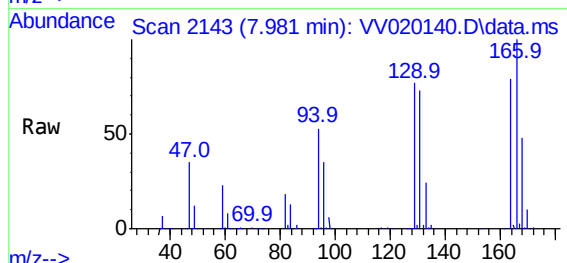




#46
Tetrachloroethene
Concen: 87.69 ug/L
RT: 7.981 min Scan# 2143
Delta R.T. 0.003 min
Lab File: VV020140.D
Acq: 22 Jan 2021 17:02

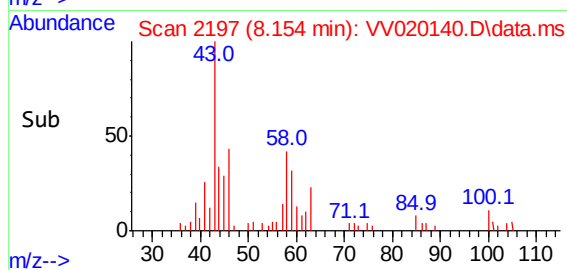
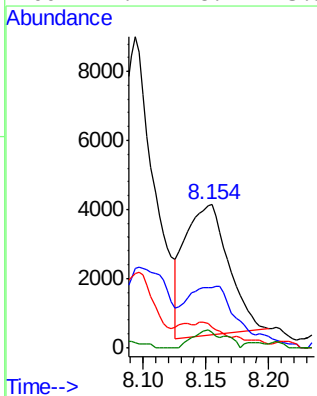
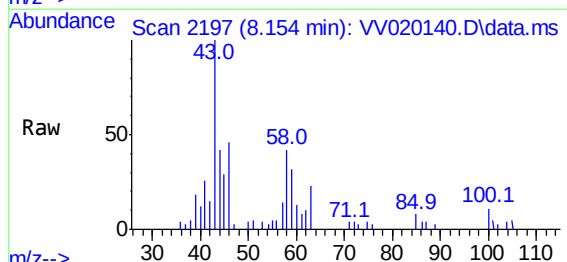
Instrument :
MSVOA_V
ClientSampleId :
F1E52

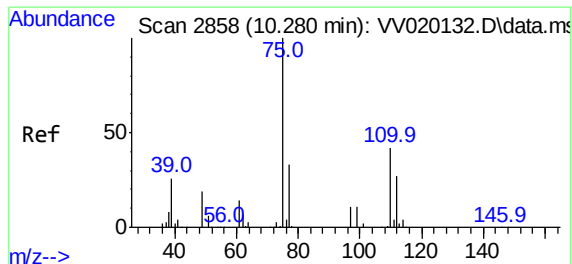
Tgt Ion:164 Resp: 180365
Ion Ratio Lower Upper
164 100
129 97.4 70.6 131.0
131 92.7 66.8 124.0
166 126.2 88.2 163.8



#48
2-Hexanone
Concen: 3.08 ug/L
RT: 8.154 min Scan# 2197
Delta R.T. 0.013 min
Lab File: VV020140.D
Acq: 22 Jan 2021 17:02

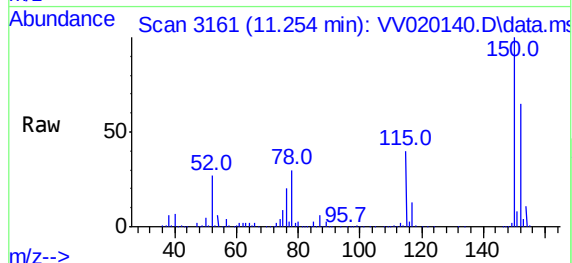
Tgt Ion: 43 Resp: 9112
Ion Ratio Lower Upper
43 100
58 7.2 41.8 62.6#
57 1.3 15.0 22.4#
100 7.2 8.9 13.3#





#59
 1,2,3-Trichloropropane
 Concen: 6.39 ug/L
 RT: 11.254 min Scan# 3161
 Delta R.T. 0.974 min
 Lab File: VV020140.D
 Acq: 22 Jan 2021 17:02

Instrument :
 MSVOA_V
 ClientSampleId :
 F1E52



Tgt Ion: 75 Resp: 21495
 Ion Ratio Lower Upper
 75 100
 77 35.6 25.4 38.0

