

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012021\
 Data File : VW020093.D
 Acq On : 20 Jan 2021 22:04
 Operator : SY/MD
 Sample : M1181-07
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F1E42

Quant Time: Jan 20 23:45:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012021WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 20 23:39:20 2021
 Response via : Initial Calibration

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

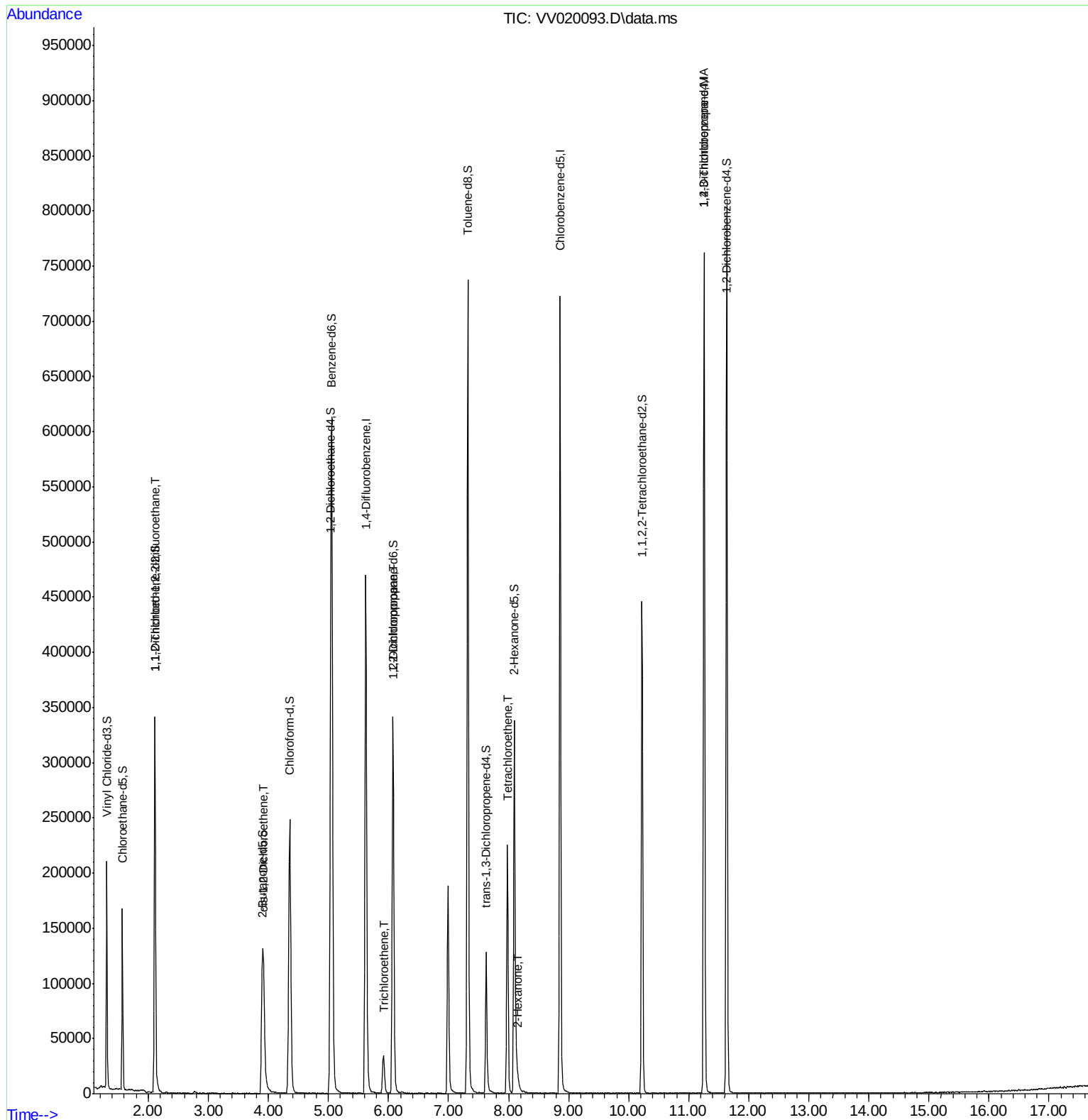
Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	404907	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.859	117	389745	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.257	152	196364	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.309	65	120659	47.50	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	95.00%		
7) Chloroethane-d5	1.569	69	94664	48.34	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	96.68%		
11) 1,1-Dichloroethene-d2	2.110	63	178937	35.27	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	70.54%		
21) 2-Butanone-d5	3.897	46	172066	97.20	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	97.20%		
24) Chloroform-d	4.354	84	259636	45.77	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.54%		
26) 1,2-Dichloroethane-d4	5.039	65	178223	46.92	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.84%		
32) Benzene-d6	5.055	84	520775	50.53	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.06%		
36) 1,2-Dichloropropane-d6	6.074	67	156934	52.11	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	104.22%		
41) Toluene-d8	7.322	98	472903	48.76	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.52%		
43) trans-1,3-Dichloroprop...	7.624	79	72754	43.16	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.32%		
47) 2-Hexanone-d5	8.093	63	108941	87.61	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	87.61%		
57) 1,1,2,2-Tetrachloroeth...	10.222	84	200972	47.45	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	94.90%		
64) 1,2-Dichlorobenzene-d4	11.630	152	204517	53.21	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	106.42%		
Target Compounds						
10) 1,1,2-Trichloro-1,2,2-...	2.110	101	1731	0.71	ug/L #	25
20) cis-1,2-Dichloroethene	3.917	96	37789	13.01	ug/L	88
34) Trichloroethene	5.920	95	6473	2.03	ug/L	93
37) 1,2-Dichloropropane	6.077	63	18217	7.01	ug/L #	88
46) Tetrachloroethene	7.981	164	51777	20.41	ug/L	96
48) 2-Hexanone	8.154	43	5831	2.07	ug/L #	79
59) 1,2,3-Trichloropropane	11.257	75	22494	6.14	ug/L #	88

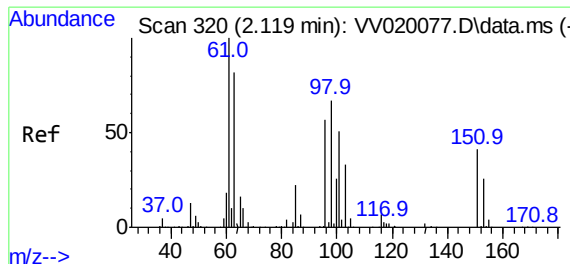
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012021WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jan 20 23:39:20 2021
Response via : Initial Calibration

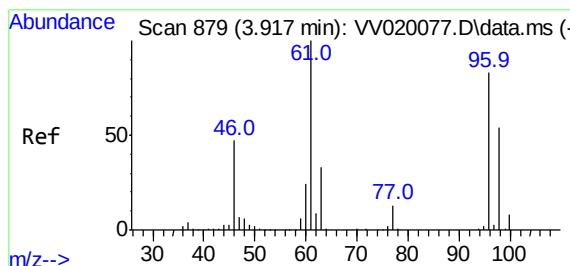
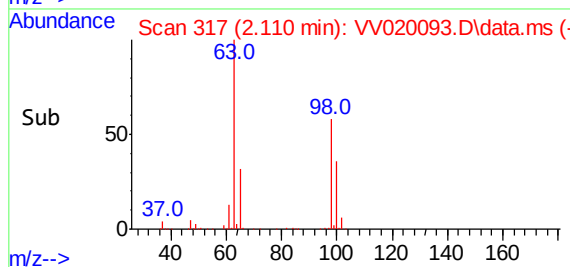
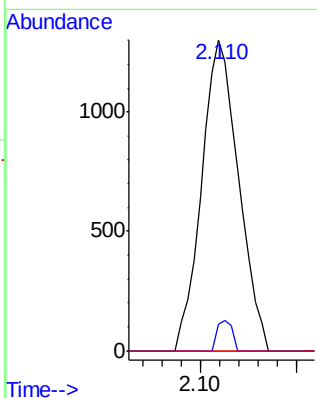
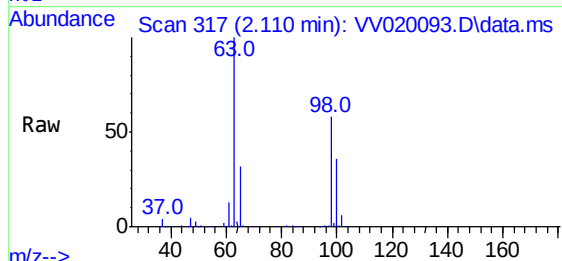




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.71 ug/L
 RT: 2.110 min Scan# 317
 Delta R.T. -0.010 min
 Lab File: VV020093.D
 Acq: 20 Jan 2021 22:04

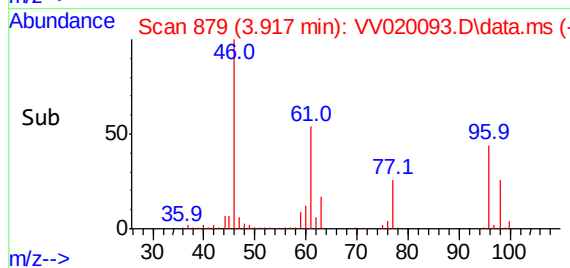
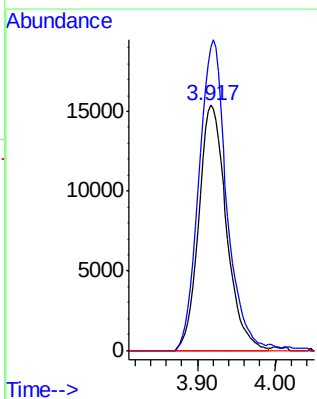
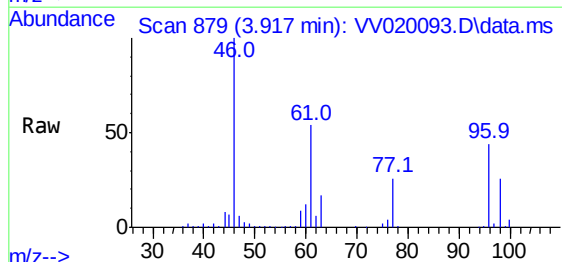
Instrument :
 MSVOA_V
 ClientSampleId :
 F1E42

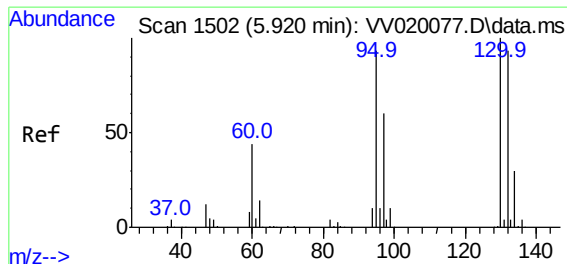
Tgt Ion:101 Resp: 1731
 Ion Ratio Lower Upper
 101 100
 85 3.8 35.3 52.9#
 151 0.0 53.6 80.4#



#20
 cis-1,2-Dichloroethene
 Concen: 13.01 ug/L
 RT: 3.917 min Scan# 879
 Delta R.T. 0.000 min
 Lab File: VV020093.D
 Acq: 20 Jan 2021 22:04

Tgt Ion: 96 Resp: 37789
 Ion Ratio Lower Upper
 96 100
 61 123.9 96.9 179.9
 68 0.0 0.0 0.0



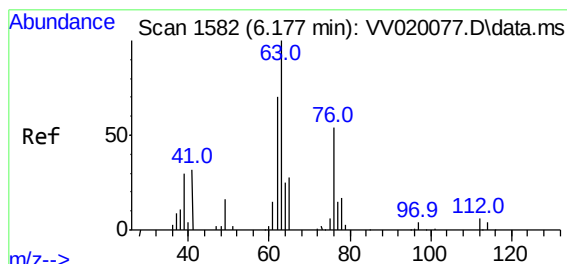
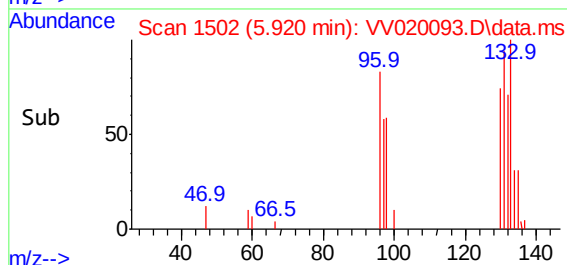
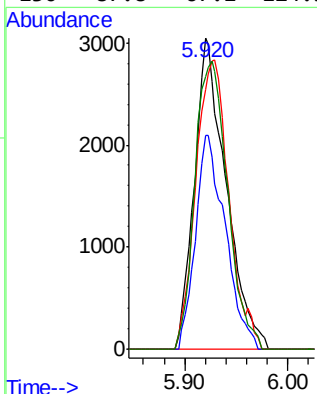
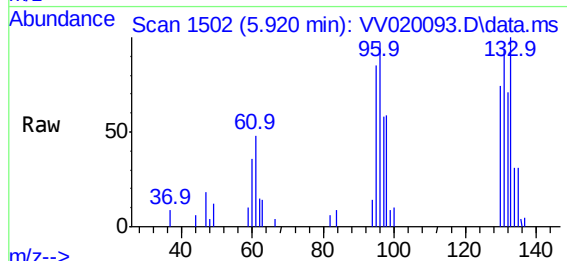


#34
Trichloroethene
Concen: 2.03 ug/L
RT: 5.920 min Scan# 1502
Delta R.T. 0.000 min
Lab File: VV020093.D
Acq: 20 Jan 2021 22:04

Instrument :
MSVOA_V
ClientSampleId :
F1E42

Tgt Ion: 95 Resp: 6473

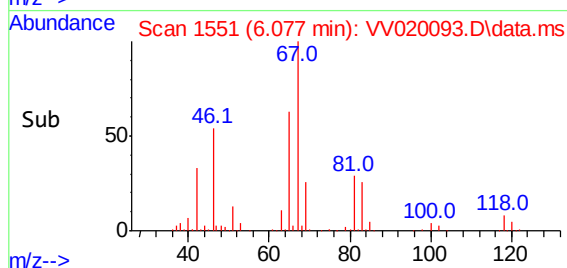
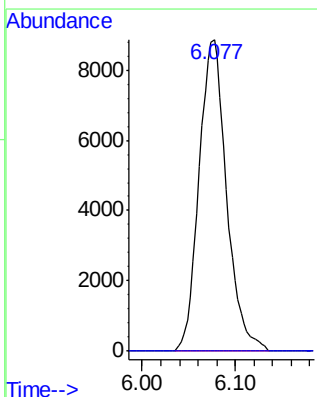
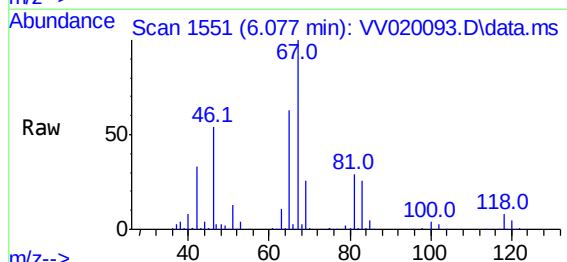
Ion	Ratio	Lower	Upper
95	100		
97	68.5	44.5	82.7
132	83.6	63.4	117.8
130	87.8	67.1	124.5

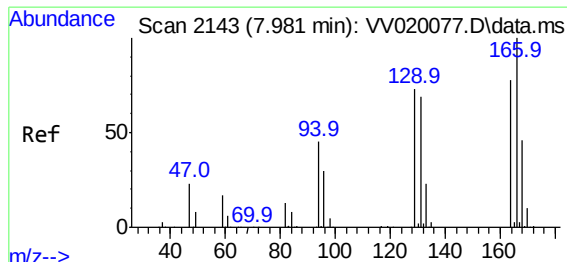


#37
1,2-Dichloropropane
Concen: 7.01 ug/L
RT: 6.077 min Scan# 1551
Delta R.T. -0.100 min
Lab File: VV020093.D
Acq: 20 Jan 2021 22:04

Tgt Ion: 63 Resp: 18217

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.3	4.9#



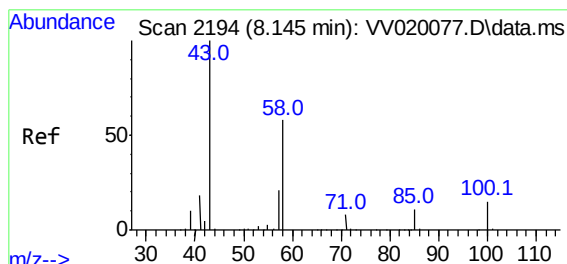
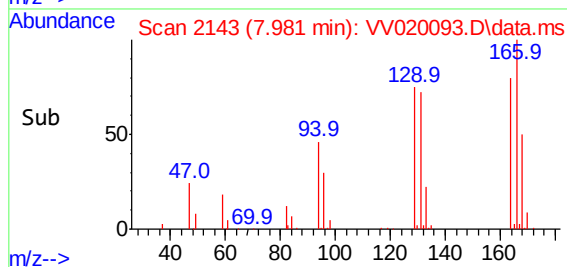
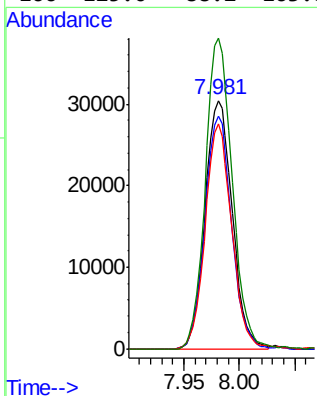
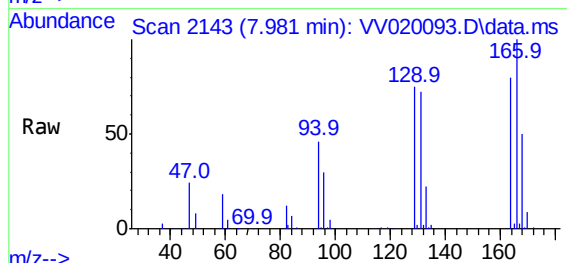


#46
Tetrachloroethene
Concen: 20.41 ug/L
RT: 7.981 min Scan# 2143
Delta R.T. 0.000 min
Lab File: VV020093.D
Acq: 20 Jan 2021 22:04

Instrument :
MSVOA_V
ClientSampled :
F1E42

Tgt Ion:164 Resp: 51777

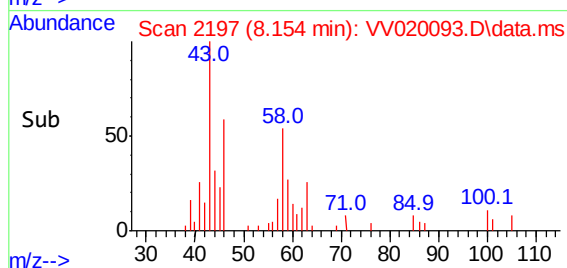
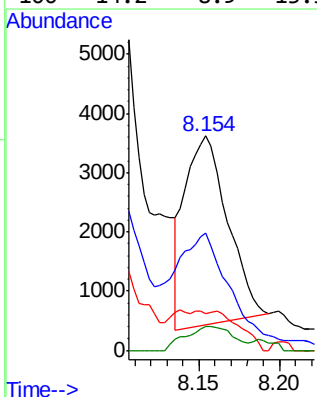
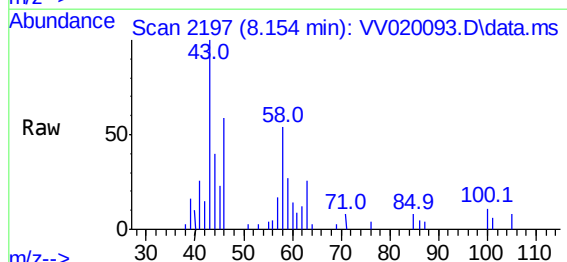
Ion	Ratio	Lower	Upper
164	100		
129	93.7	70.6	131.0
131	90.5	66.8	124.0
166	125.0	88.2	163.8

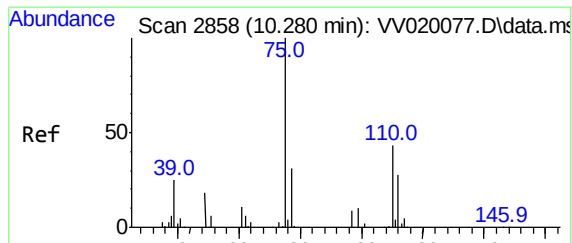


#48
2-Hexanone
Concen: 2.07 ug/L
RT: 8.154 min Scan# 2197
Delta R.T. 0.010 min
Lab File: VV020093.D
Acq: 20 Jan 2021 22:04

Tgt Ion: 43 Resp: 5831

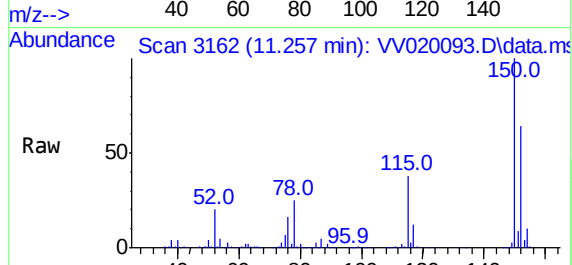
Ion	Ratio	Lower	Upper
43	100		
58	65.3	41.8	62.6#
57	2.7	15.0	22.4#
100	14.2	8.9	13.3#





#59
 1,2,3-Trichloropropane
 Concen: 6.14 ug/L
 RT: 11.257 min Scan# 3162
 Delta R.T. 0.978 min
 Lab File: VV020093.D
 Acq: 20 Jan 2021 22:04

Instrument :
 MSVOA_V
 ClientSampleId :
 F1E42



Tgt Ion: 75 Resp: 22494
 Ion Ratio Lower Upper
 75 100
 77 38.2 25.4 38.0#

