

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031121\
 Data File : VW020521.D
 Acq On : 11 Mar 2021 01:22
 Operator : SY/MD
 Sample : M1632-18
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0B65

Quant Time: Mar 11 03:03:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM030521WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 11 03:02:24 2021
 Response via : Initial Calibration

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

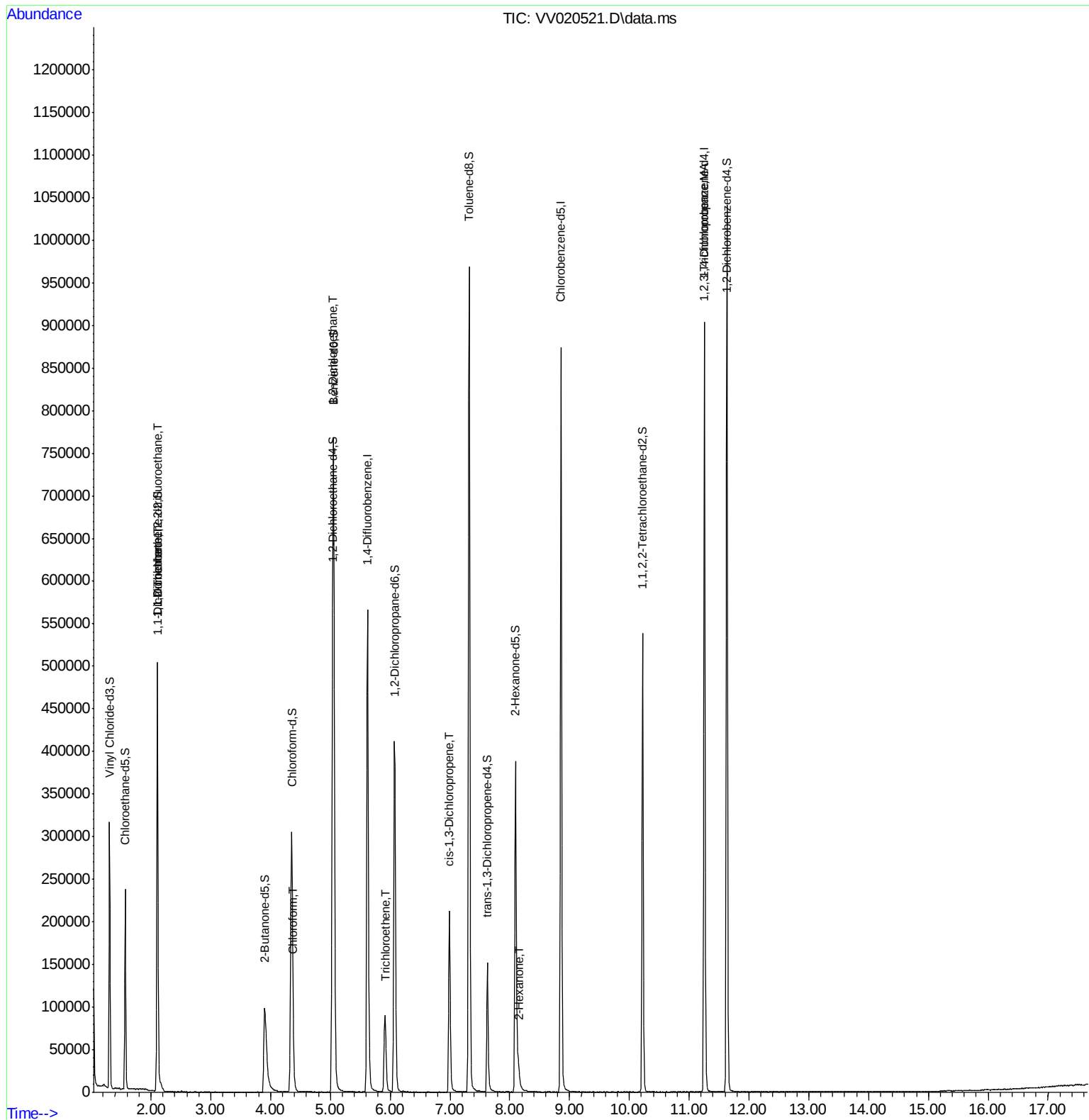
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	522538	50.00	ug/L	# 0.00
28) Chlorobenzene-d5	8.857	117	520635	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	257359	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	196481	51.30	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 102.60%			
7) Chloroethane-d5	1.571	69	154790	52.18	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 104.36%			
11) 1,1-Dichloroethene-d2	2.108	63	252323	39.10	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 78.20%			
21) 2-Butanone-d5	3.902	46	205510	105.95	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 105.95%			
24) Chloroform-d	4.352	84	331068	49.99	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.98%			
26) 1,2-Dichloroethane-d4	5.037	65	212047	52.11	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.22%			
32) Benzene-d6	5.053	84	702575	53.50	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 107.00%			
36) 1,2-Dichloropropane-d6	6.072	67	207301	52.22	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 104.44%			
41) Toluene-d8	7.320	98	662242	52.14	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.28%			
43) trans-1,3-Dichloroprop...	7.625	79	92461	48.92	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 97.84%			
47) 2-Hexanone-d5	8.095	63	137434	96.79	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 96.79%			
57) 1,1,2,2-Tetrachloroeth...	10.220	84	248963	47.34	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 94.68%			
64) 1,2-Dichlorobenzene-d4	11.632	152	294903	58.53	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 117.06%			
Target Compounds						
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	2600	0.76	ug/L #	23
12) 1,1-Dichloroethene	2.111	96	2989	0.89	ug/L #	1
25) Chloroform	4.378	83	12693	1.94	ug/L	91
27) 1,2-Dichloroethane	5.047	62	3837	0.80	ug/L	95
34) Trichloroethene	5.921	95	17062	4.20	ug/L	83
39) cis-1,3-Dichloropropene	6.992	75	5188	1.00	ug/L #	53
48) 2-Hexanone	8.149	43	13644	4.45	ug/L	90
59) 1,2,3-Trichloropropane	11.252	75	23889	5.22	ug/L	90

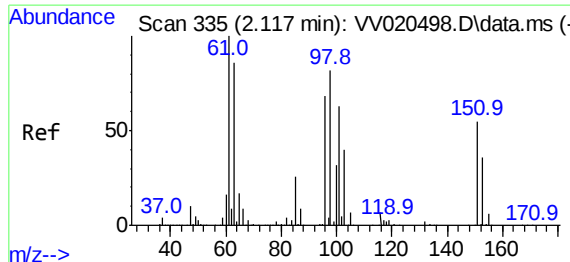
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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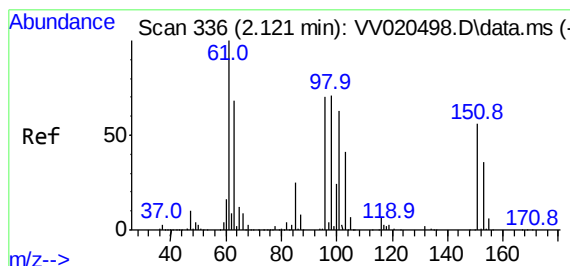
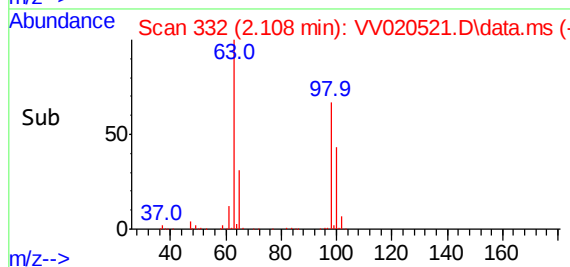
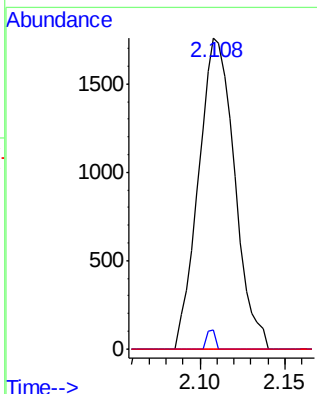
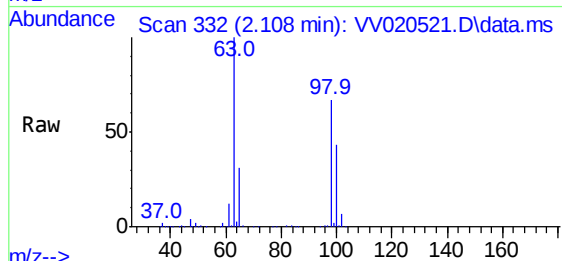




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.76 ug/L
 RT: 2.108 min Scan# 332
 Delta R.T. -0.010 min
 Lab File: VV020521.D
 Acq: 11 Mar 2021 01:22

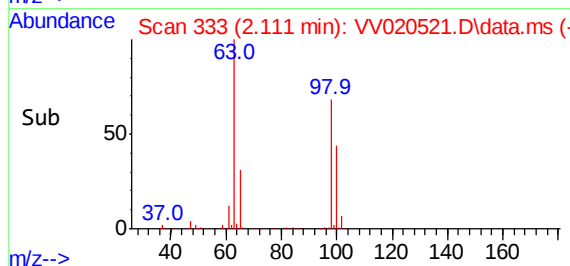
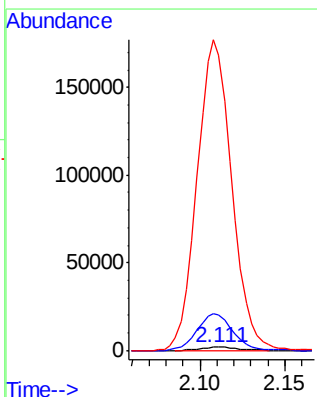
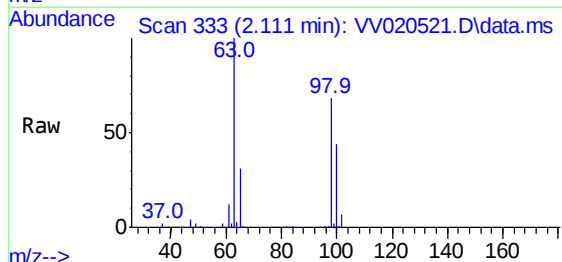
Instrument :
 MSVOA_V
 ClientSampleId :
 C0B65

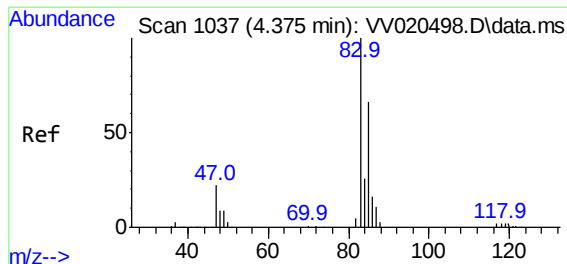
Tgt Ion:101 Resp: 2600
 Ion Ratio Lower Upper
 101 100
 85 1.5 35.3 52.9#
 151 0.0 53.6 80.4#



#12
 1,1-Dichloroethene
 Concen: 0.89 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.010 min
 Lab File: VV020521.D
 Acq: 11 Mar 2021 01:22

Tgt Ion: 96 Resp: 2989
 Ion Ratio Lower Upper
 96 100
 61 1027.1 134.9 250.5#
 63 8608.5 117.6 218.4#

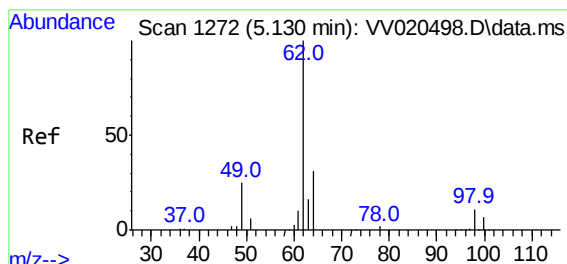
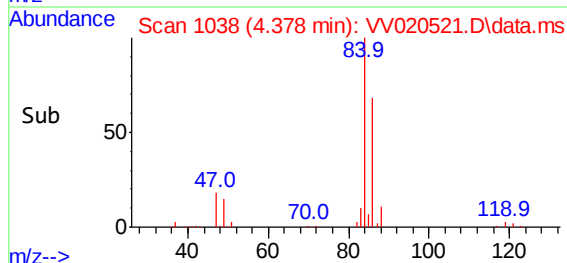
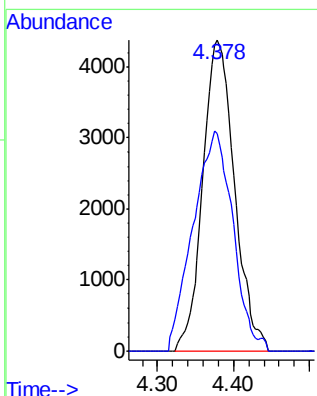
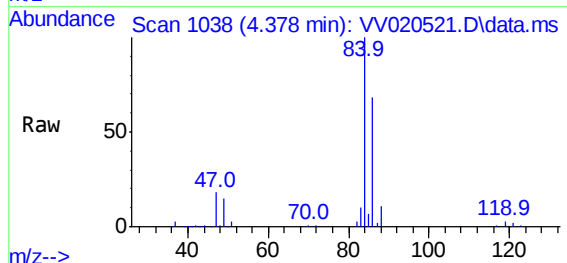




#25
Chloroform
Concen: 1.94 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.003 min
Lab File: VV020521.D
Acq: 11 Mar 2021 01:22

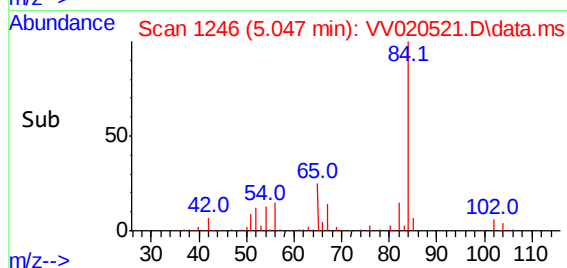
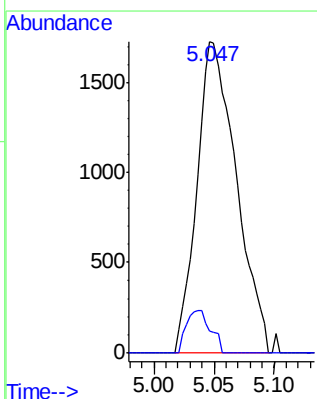
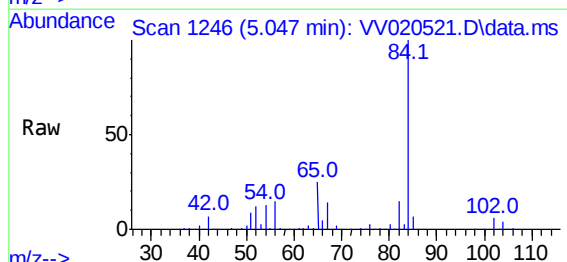
Instrument :
MSVOA_V
ClientSampled :
C0B65

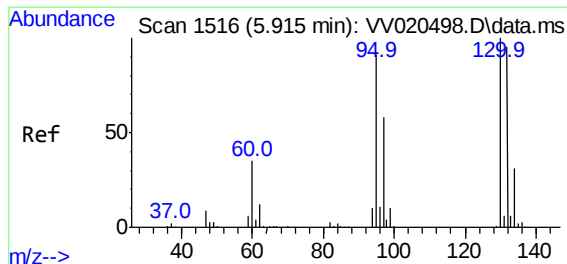
Tgt Ion: 83 Resp: 12693
Ion Ratio Lower Upper
83 100
85 70.1 44.2 82.2



#27
1,2-Dichloroethane
Concen: 0.80 ug/L
RT: 5.047 min Scan# 1246
Delta R.T. -0.083 min
Lab File: VV020521.D
Acq: 11 Mar 2021 01:22

Tgt Ion: 62 Resp: 3837
Ion Ratio Lower Upper
62 100
98 6.9 6.9 10.3

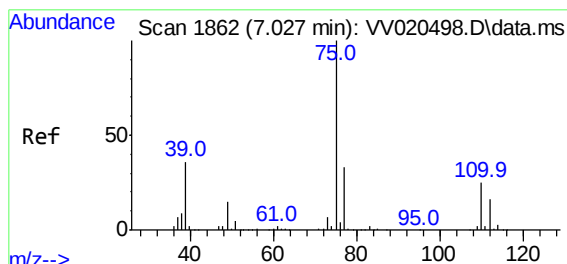
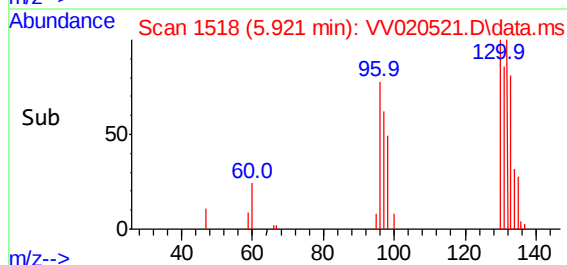
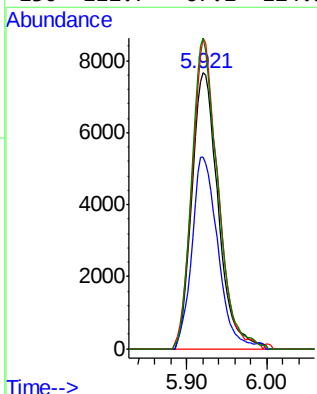
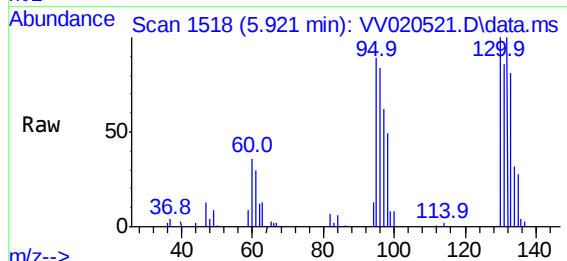




#34
Trichloroethene
Concen: 4.20 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.007 min
Lab File: VV020521.D
Acq: 11 Mar 2021 01:22

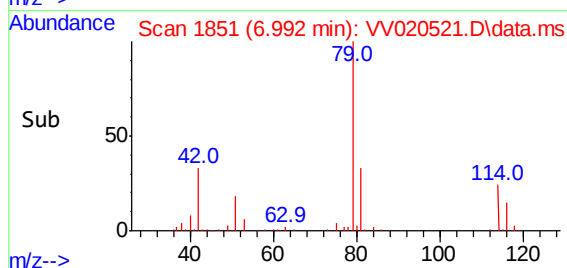
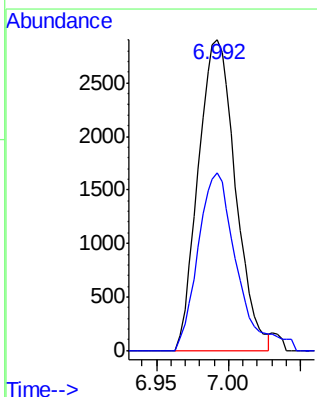
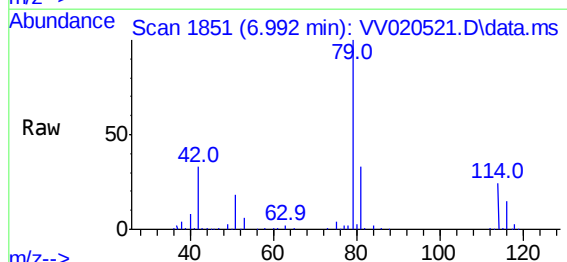
Instrument :
MSVOA_V
ClientSampleId :
C0B65

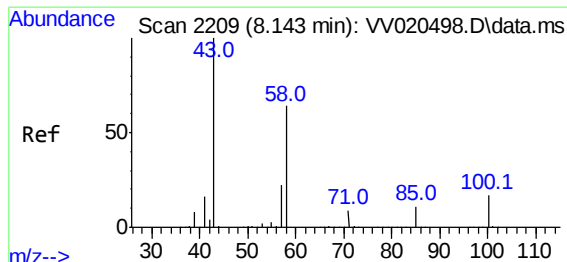
Tgt Ion: 95 Resp: 17062
Ion Ratio Lower Upper
95 100
97 69.6 44.5 82.7
132 112.5 63.4 117.8
130 112.7 67.1 124.5



#39
cis-1,3-Dichloropropene
Concen: 1.00 ug/L
RT: 6.992 min Scan# 1851
Delta R.T. -0.035 min
Lab File: VV020521.D
Acq: 11 Mar 2021 01:22

Tgt Ion: 75 Resp: 5188
Ion Ratio Lower Upper
75 100
77 57.0 21.8 40.6#



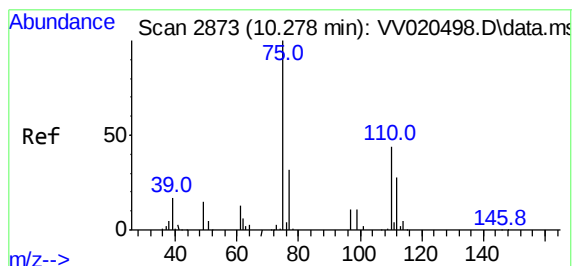
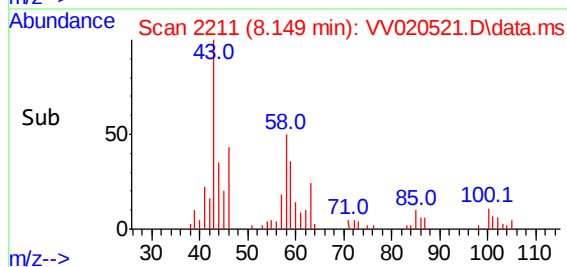
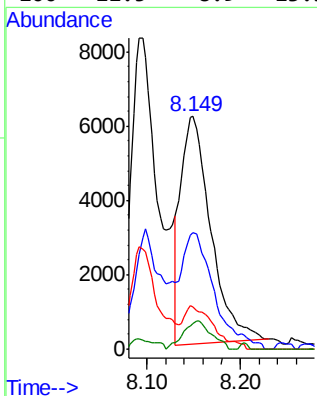
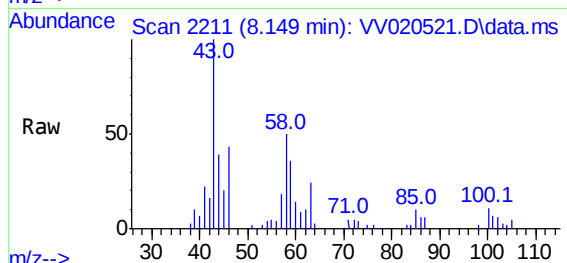


#48
2-Hexanone
Concen: 4.45 ug/L
RT: 8.149 min Scan# 2211
Delta R.T. 0.007 min
Lab File: VV020521.D
Acq: 11 Mar 2021 01:22

Instrument :
MSVOA_V
ClientSampled :
C0B65

Tgt Ion: 43 Resp: 13644

Ion	Ratio	Lower	Upper
43	100		
58	42.1	41.8	62.6
57	17.8	15.0	22.4
100	11.5	8.9	13.3



#59
1,2,3-Trichloropropane
Concen: 5.22 ug/L
RT: 11.252 min Scan# 3176
Delta R.T. 0.974 min
Lab File: VV020521.D
Acq: 11 Mar 2021 01:22

Tgt Ion: 75 Resp: 23889

Ion	Ratio	Lower	Upper
75	100		
77	37.1	25.4	38.0

