

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012021\
 Data File : VW020092.D
 Acq On : 20 Jan 2021 21:41
 Operator : SY/MD
 Sample : M1181-06
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F1E41

Quant Time: Jan 20 23:44:34 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)

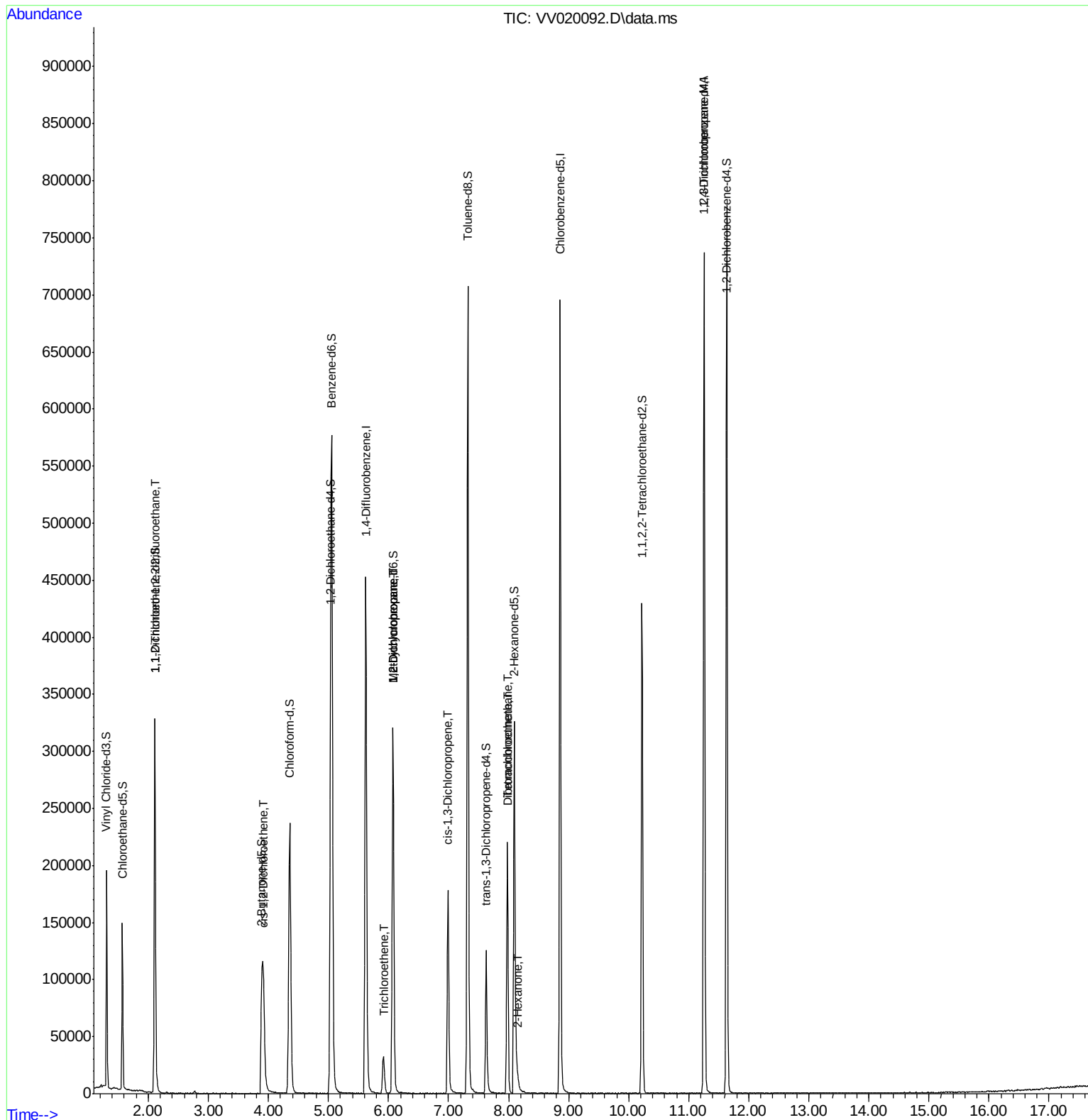
Internal Standards						
1) 1,4-Difluorobenzene	5.624	114	390856	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.858	117	380353	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.257	152	190566	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.306	65	114850	46.84	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	93.68%		
7) Chloroethane-d5	1.569	69	88208	46.67	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	93.34%		
11) 1,1-Dichloroethene-d2	2.110	63	174052	35.54	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	71.08%		
21) 2-Butanone-d5	3.891	46	162163	94.90	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	94.90%		
24) Chloroform-d	4.354	84	247838	45.26	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.52%		
26) 1,2-Dichloroethane-d4	5.035	65	172824	47.14	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.28%		
32) Benzene-d6	5.055	84	489571	48.68	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.36%		
36) 1,2-Dichloropropane-d6	6.074	67	145132	49.38	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	98.76%		
41) Toluene-d8	7.322	98	453453	47.91	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.82%		
43) trans-1,3-Dichloroprop...	7.627	79	72078	43.81	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.62%		
47) 2-Hexanone-d5	8.093	63	105253	86.73	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	86.73%		
57) 1,1,2,2-Tetrachloroeth...	10.222	84	193868	46.90	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	93.80%		
64) 1,2-Dichlorobenzene-d4	11.630	152	197606	52.98	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	105.96%		
Target Compounds						
10) 1,1,2-Trichloro-1,2,2-...	2.110	101	1693	0.72	ug/L #	24
20) cis-1,2-Dichloroethene	3.917	96	35503	12.66	ug/L	92
34) Trichloroethene	5.923	95	5603	1.80	ug/L	87
35) Methylcyclohexane	6.074	83	38623	8.84	ug/L #	17
37) 1,2-Dichloropropane	6.074	63	17704	6.98	ug/L #	88
39) cis-1,3-Dichloropropene	6.990	75	4956	1.16	ug/L #	75
46) Tetrachloroethene	7.981	164	49922	20.17	ug/L	94
48) 2-Hexanone	8.151	43	7046	2.56	ug/L #	58
49) Dibromochloromethane	7.977	129	43206	13.56	ug/L #	10
59) 1,2,3-Trichloropropane	11.254	75	21126	5.91	ug/L #	84

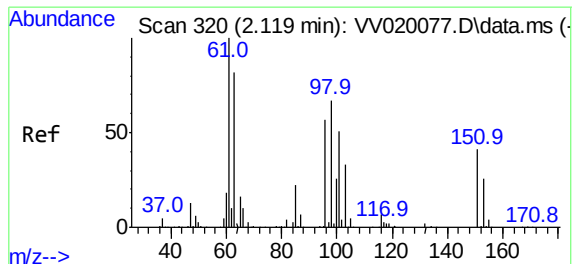
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 20 23:44:34 2021
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Quant Title : VOC Analysis
QLast Update : Wed Jan 20 23:39:20 2021
Response via : Initial Calibration

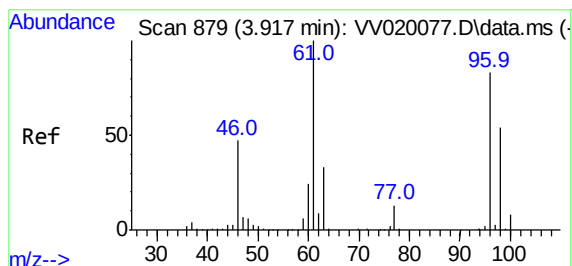
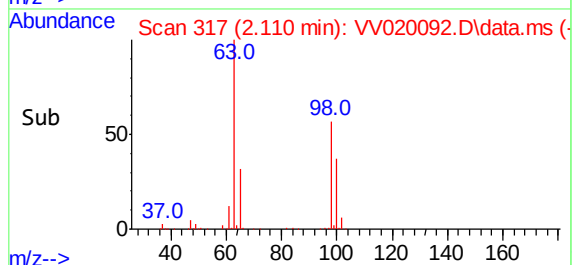
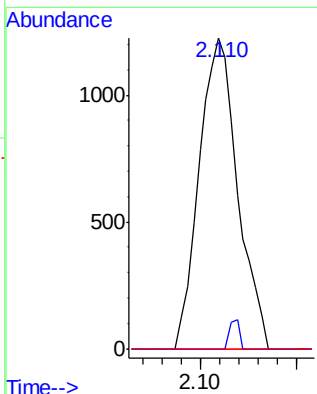
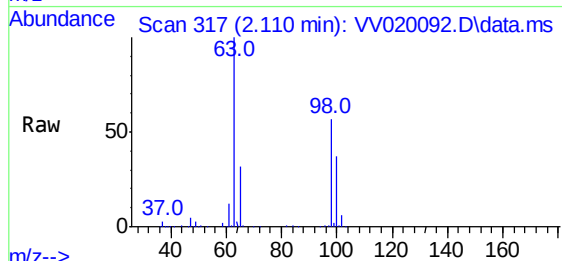




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.72 ug/L
 RT: 2.110 min Scan# 317
 Delta R.T. -0.010 min
 Lab File: VV020092.D
 Acq: 20 Jan 2021 21:41

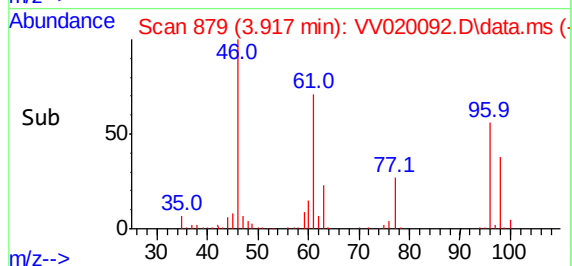
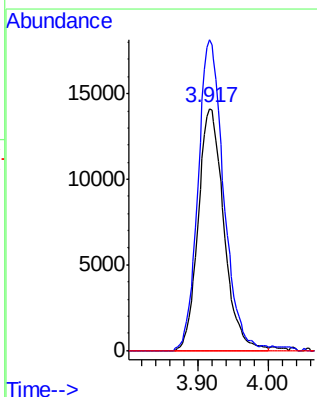
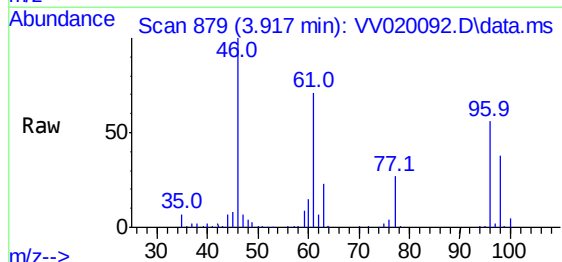
Instrument :
 MSVOA_V
 ClientSampleId :
 F1E41

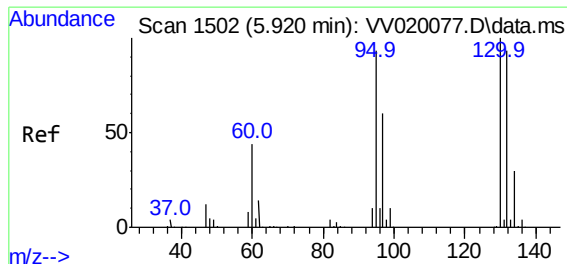
Tgt Ion:101 Resp: 1693
 Ion Ratio Lower Upper
 101 100
 85 2.5 35.3 52.9#
 151 0.0 53.6 80.4#



#20
 cis-1,2-Dichloroethene
 Concen: 12.66 ug/L
 RT: 3.917 min Scan# 879
 Delta R.T. 0.000 min
 Lab File: VV020092.D
 Acq: 20 Jan 2021 21:41

Tgt Ion: 96 Resp: 35503
 Ion Ratio Lower Upper
 96 100
 61 128.5 96.9 179.9
 68 0.0 0.0 0.0



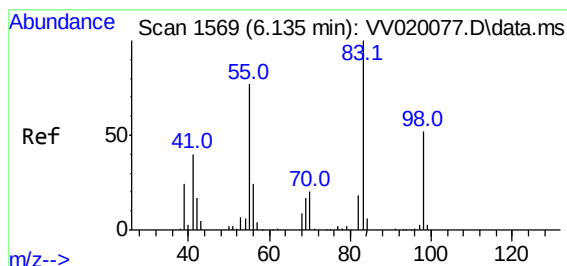
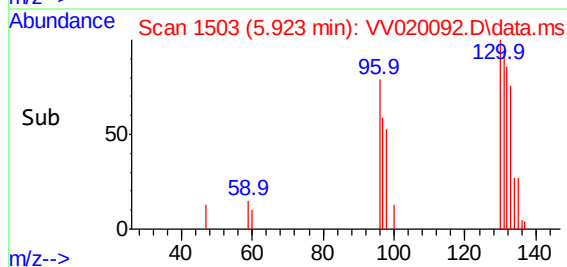
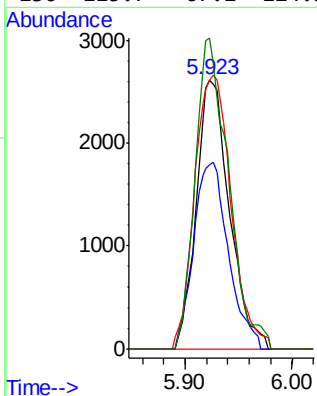
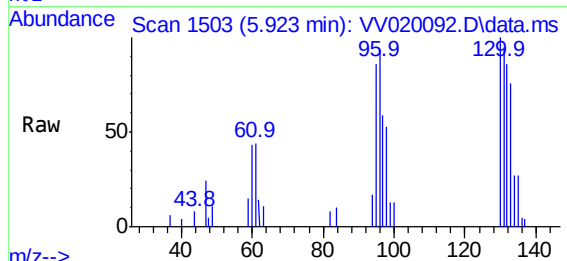


#34
Trichloroethene
Concen: 1.80 ug/L
RT: 5.923 min Scan# 1503
Delta R.T. 0.003 min
Lab File: VV020092.D
Acq: 20 Jan 2021 21:41

Instrument :
MSVOA_V
ClientSampleId :
F1E41

Tgt Ion: 95 Resp: 5603

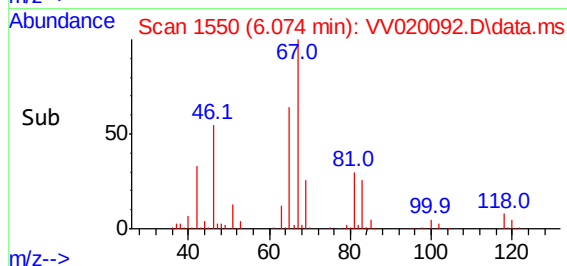
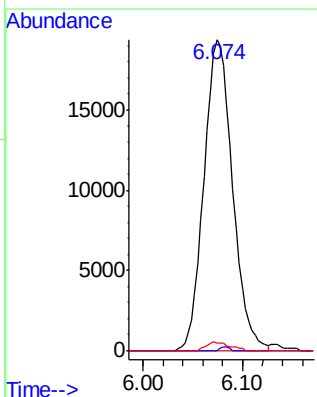
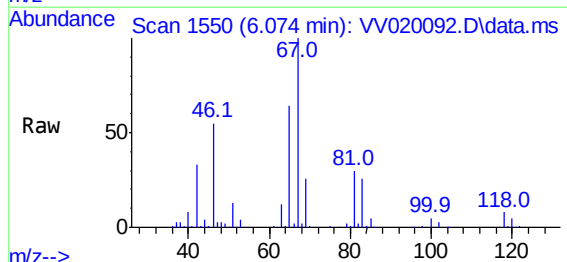
Ion	Ratio	Lower	Upper
95	100		
97	68.3	44.5	82.7
132	100.0	63.4	117.8
130	115.7	67.1	124.5

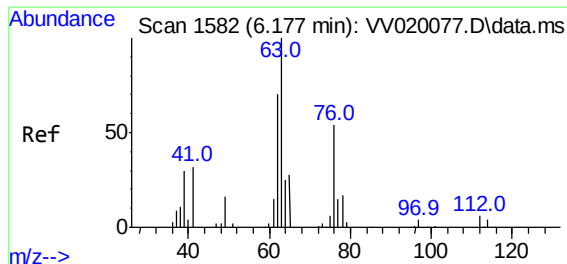


#35
Methylcyclohexane
Concen: 8.84 ug/L
RT: 6.074 min Scan# 1550
Delta R.T. -0.061 min
Lab File: VV020092.D
Acq: 20 Jan 2021 21:41

Tgt Ion: 83 Resp: 38623

Ion	Ratio	Lower	Upper
83	100		
55	0.3	65.1	97.7#
98	1.8	38.2	57.2#

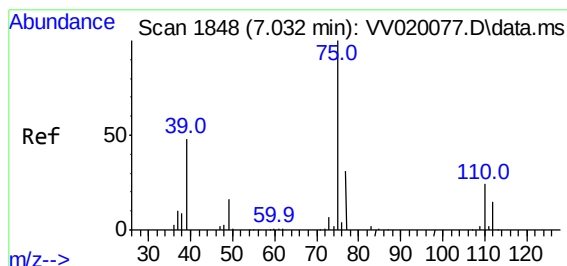
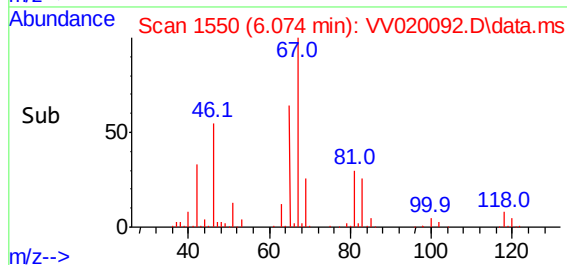
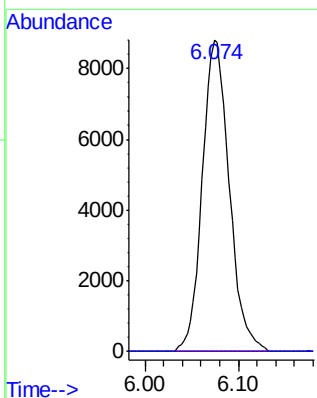
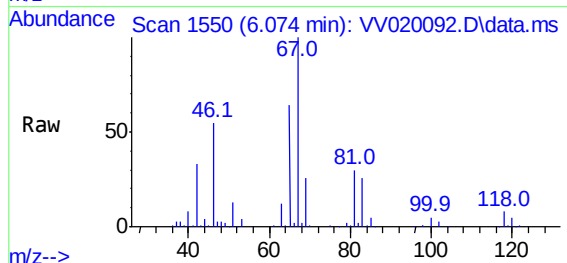




#37
1,2-Dichloropropane
Concen: 6.98 ug/L
RT: 6.074 min Scan# 1550
Delta R.T. -0.103 min
Lab File: VV020092.D
Acq: 20 Jan 2021 21:41

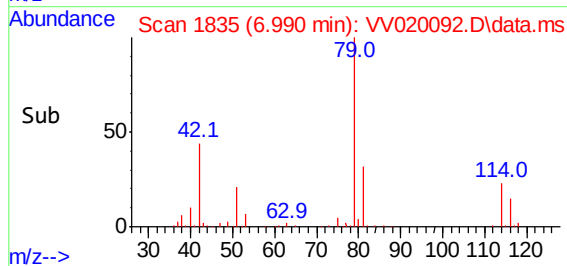
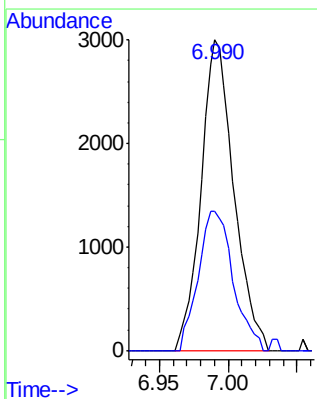
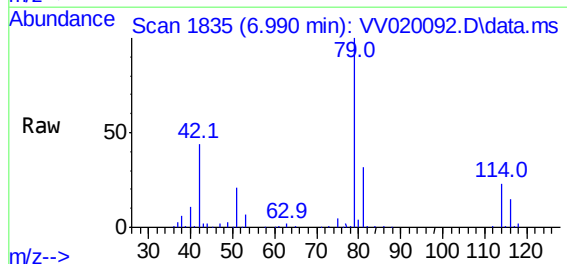
Instrument :
MSVOA_V
ClientSampleId :
F1E41

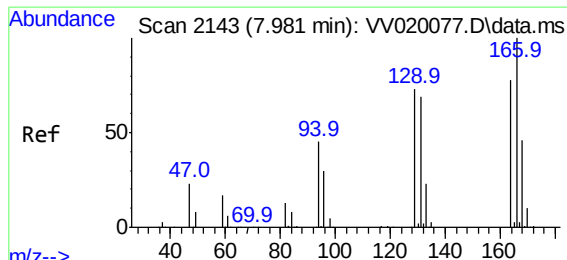
Tgt Ion: 63 Resp: 17704
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#



#39
cis-1,3-Dichloropropene
Concen: 1.16 ug/L
RT: 6.990 min Scan# 1835
Delta R.T. -0.042 min
Lab File: VV020092.D
Acq: 20 Jan 2021 21:41

Tgt Ion: 75 Resp: 4956
Ion Ratio Lower Upper
75 100
77 44.9 21.8 40.6#



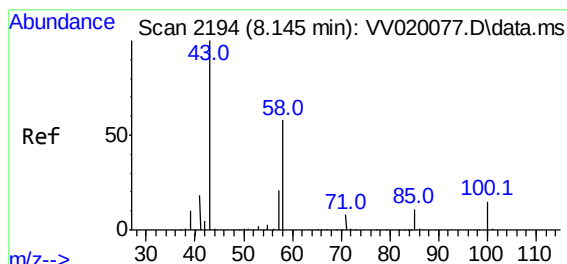
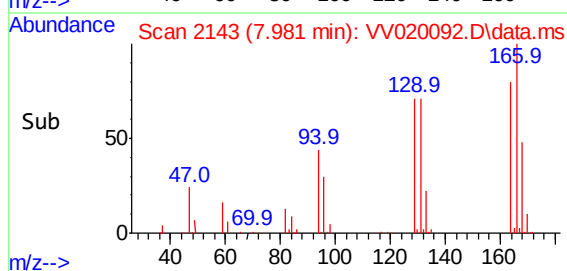
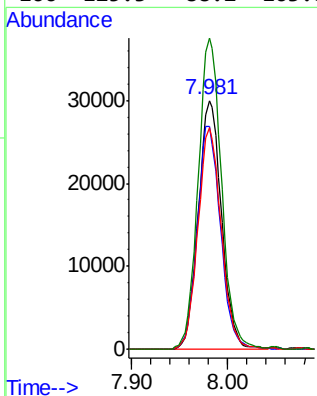
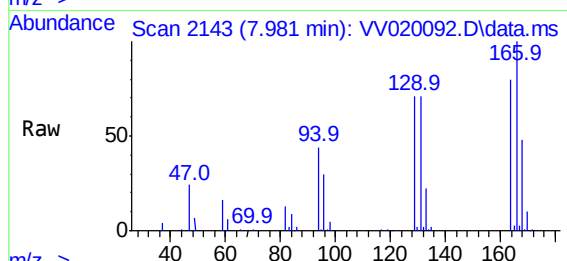


#46
Tetrachloroethene
Concen: 20.17 ug/L
RT: 7.981 min Scan# 2143
Delta R.T. 0.000 min
Lab File: VV020092.D
Acq: 20 Jan 2021 21:41

Instrument :
MSVOA_V
ClientSampleId :
F1E41

Tgt Ion:164 Resp: 49922

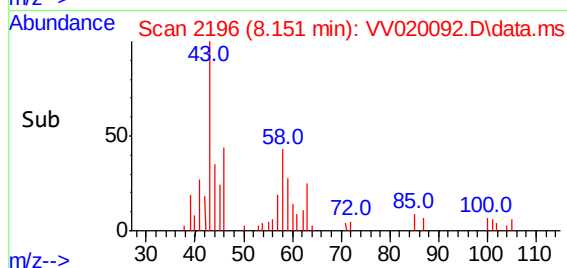
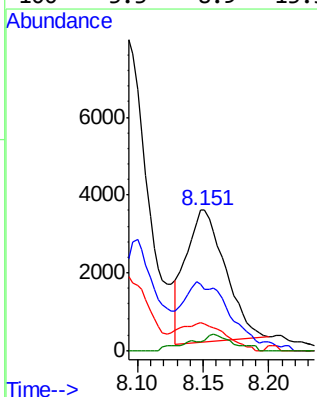
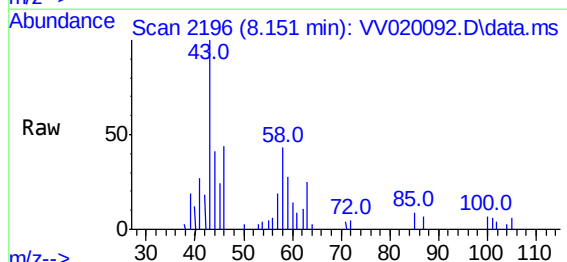
Ion	Ratio	Lower	Upper
164	100		
129	89.4	70.6	131.0
131	89.3	66.8	124.0
166	125.3	88.2	163.8

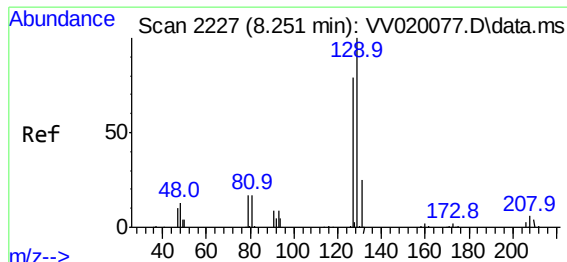


#48
2-Hexanone
Concen: 2.56 ug/L
RT: 8.151 min Scan# 2196
Delta R.T. 0.006 min
Lab File: VV020092.D
Acq: 20 Jan 2021 21:41

Tgt Ion: 43 Resp: 7046

Ion	Ratio	Lower	Upper
43	100		
58	10.6	41.8	62.6#
57	16.0	15.0	22.4
100	3.3	8.9	13.3#

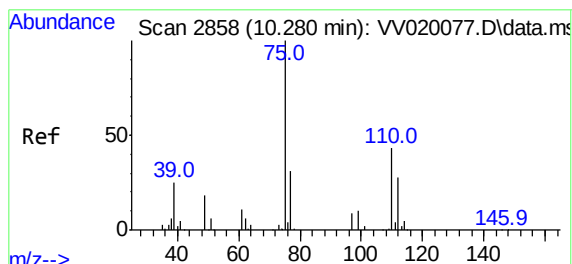
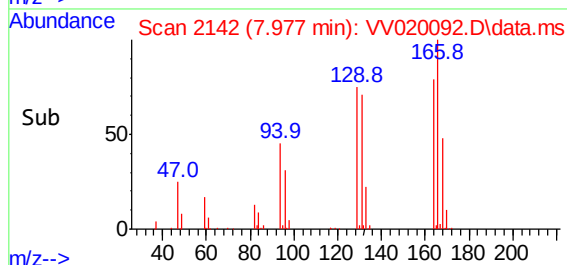
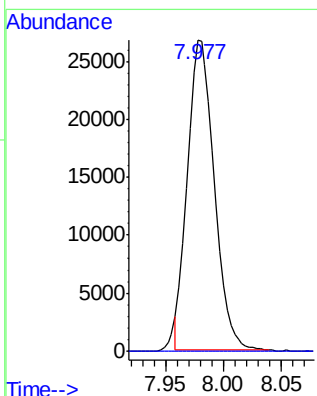
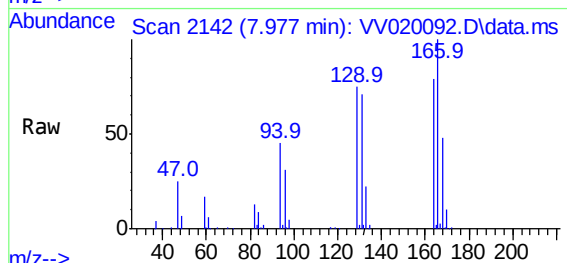




#49
Dibromochloromethane
Concen: 13.56 ug/L
RT: 7.977 min Scan# 2142
Delta R.T. -0.273 min
Lab File: VV020092.D
Acq: 20 Jan 2021 21:41

Instrument :
MSVOA_V
ClientSampled :
F1E41

Tgt Ion:129 Resp: 43206
Ion Ratio Lower Upper
129 100
127 0.0 55.2 102.6#



#59
1,2,3-Trichloropropane
Concen: 5.91 ug/L
RT: 11.254 min Scan# 3161
Delta R.T. 0.974 min
Lab File: VV020092.D
Acq: 20 Jan 2021 21:41

Tgt Ion: 75 Resp: 21126
Ion Ratio Lower Upper
75 100
77 40.4 25.4 38.0#

