

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012021\
 Data File : VW020089.D
 Acq On : 20 Jan 2021 20:31
 Operator : SY/MD
 Sample : M1181-03
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F1E22

Quant Time: Jan 20 23:43:36 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)

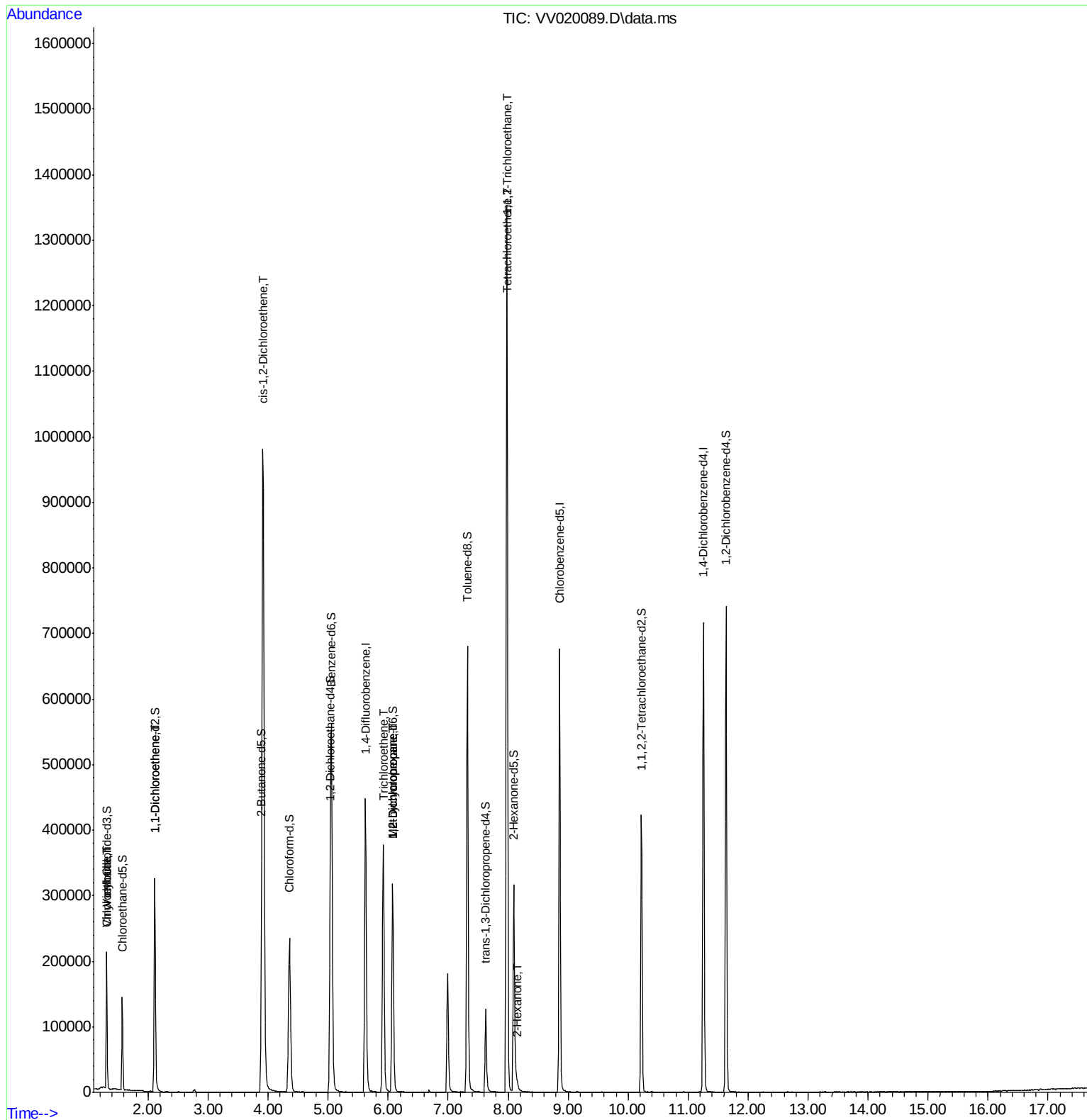
Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	379242	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.859	117	367359	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.257	152	185510	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.309	65	115795	48.67	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	97.34%		
7) Chloroethane-d5	1.570	69	87515	47.72	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	95.44%		
11) 1,1-Dichloroethene-d2	2.110	63	172969	36.40	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	72.80%		
21) 2-Butanone-d5	3.891	46	159942	96.46	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	96.46%		
24) Chloroform-d	4.354	84	246322	46.36	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.72%		
26) 1,2-Dichloroethane-d4	5.036	65	170816	48.02	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.04%		
32) Benzene-d6	5.055	84	483696	49.80	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.60%		
36) 1,2-Dichloropropane-d6	6.074	67	145579	51.29	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	102.58%		
41) Toluene-d8	7.322	98	443593	48.52	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.04%		
43) trans-1,3-Dichloroprop...	7.627	79	71608	45.07	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.14%		
47) 2-Hexanone-d5	8.093	63	103366	88.19	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	88.19%		
57) 1,1,2,2-Tetrachloroeth...	10.222	84	186470	46.71	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	93.42%		
64) 1,2-Dichlorobenzene-d4	11.633	152	193583	53.32	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	106.64%		
Target Compounds						
5) Vinyl chloride	1.312	62	16067	6.28	ug/L #	74
8) Chloroethane	1.312	64	7796	5.16	ug/L	97
12) 1,1-Dichloroethene	2.110	96	1784	0.84	ug/L #	1
20) cis-1,2-Dichloroethene	3.913	96	533489	196.04	ug/L	88
34) Trichloroethene	5.920	95	129972	43.15	ug/L	93
35) Methylcyclohexane	6.074	83	37977	9.00	ug/L #	17
37) 1,2-Dichloropropane	6.074	63	17267	7.05	ug/L #	88
45) 1,1,2-Trichloroethane	7.984	97	2686	1.02	ug/L #	13
46) Tetrachloroethene	7.981	164	303901	127.11	ug/L	95
48) 2-Hexanone	8.154	43	6109	2.30	ug/L #	40

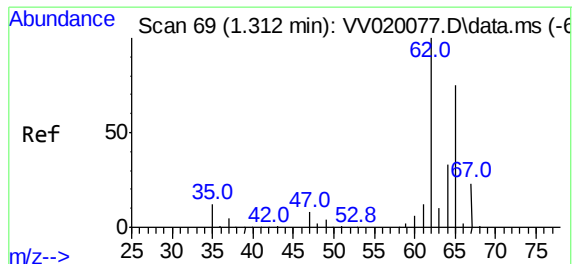
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Acq On : 20 Jan 2021 20:31
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Sample : M1181-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Time: Jan 20 23:43:36 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

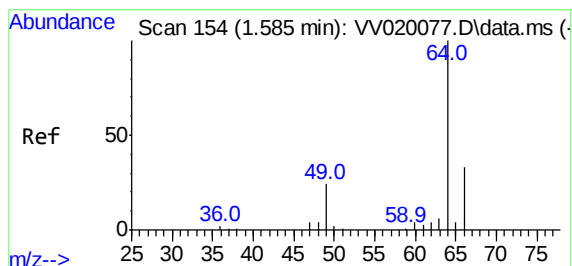
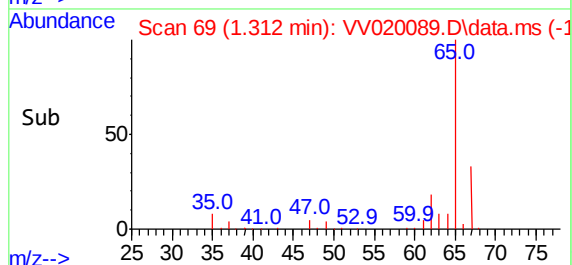
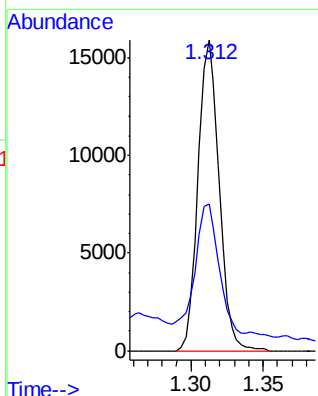
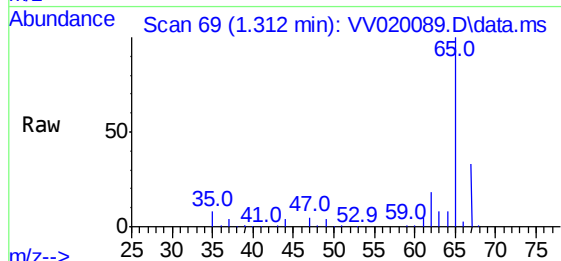




#5
 Vinyl chloride
 Concen: 6.28 ug/L
 RT: 1.312 min Scan# 69
 Delta R.T. 0.000 min
 Lab File: VV020089.D
 Acq: 20 Jan 2021 20:31

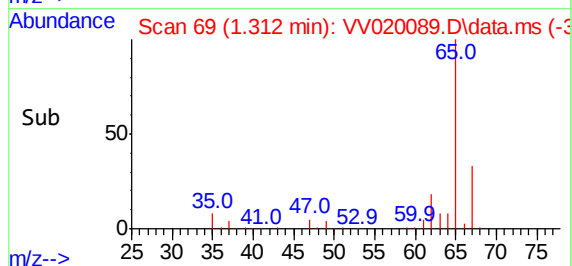
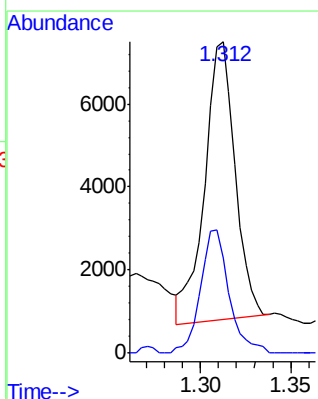
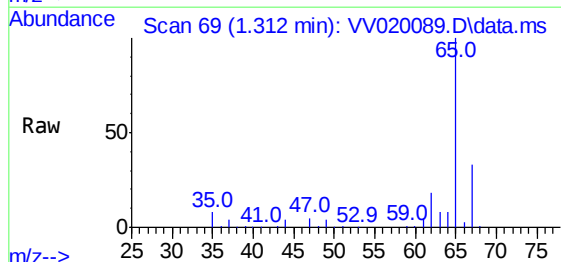
Instrument :
 MSVOA_V
 ClientSampleId :
 F1E22

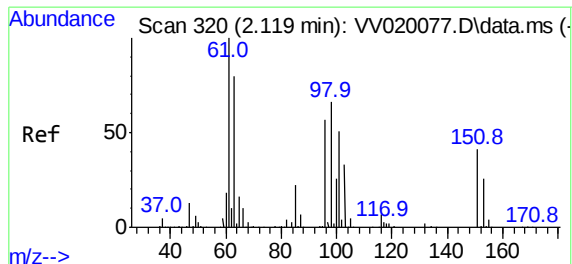
Tgt Ion: 62 Resp: 16067
 Ion Ratio Lower Upper
 62 100
 64 47.2 23.0 42.6#



#8
 Chloroethane
 Concen: 5.16 ug/L
 RT: 1.312 min Scan# 69
 Delta R.T. -0.273 min
 Lab File: VV020089.D
 Acq: 20 Jan 2021 20:31

Tgt Ion: 64 Resp: 7796
 Ion Ratio Lower Upper
 64 100
 66 30.5 22.4 41.6

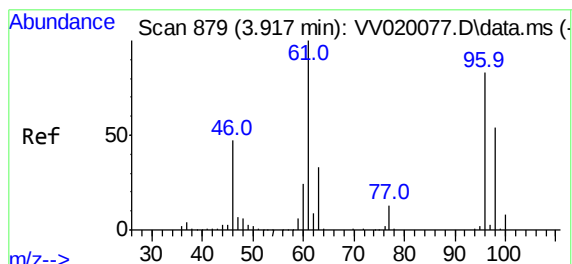
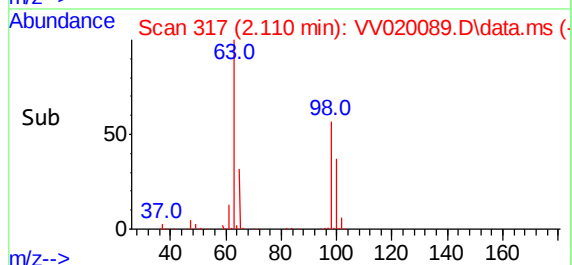
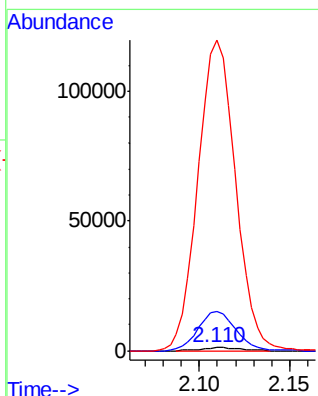
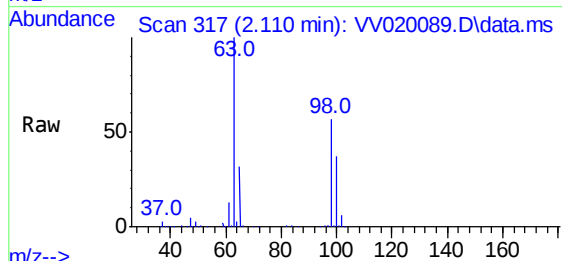




#12
1,1-Dichloroethene
Concen: 0.84 ug/L
RT: 2.110 min Scan# 317
Delta R.T. -0.009 min
Lab File: VV020089.D
Acq: 20 Jan 2021 20:31

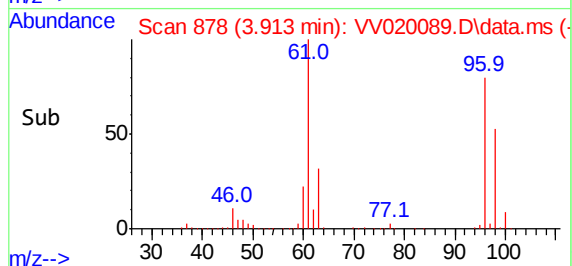
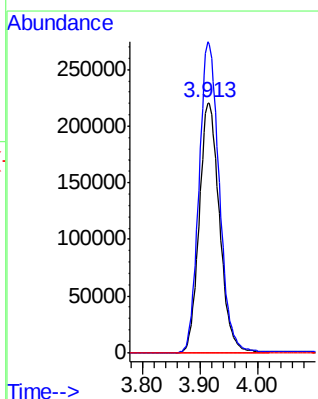
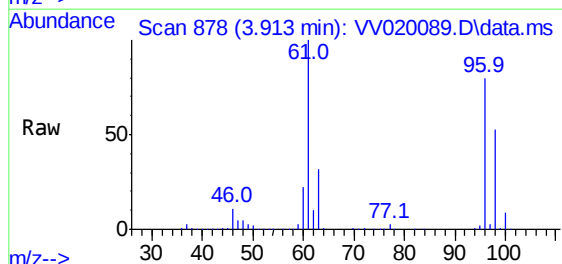
Instrument :
MSVOA_V
ClientSampleId :
F1E22

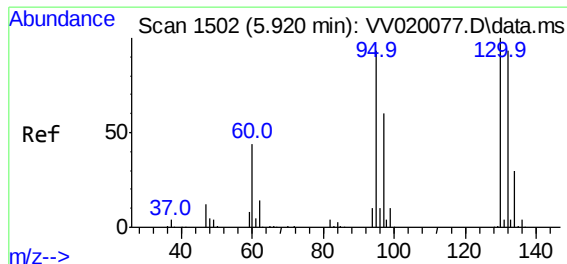
Tgt Ion: 96 Resp: 1784
Ion Ratio Lower Upper
96 100
61 1251.5 134.9 250.5#
63 9842.1 117.6 218.4#



#20
cis-1,2-Dichloroethene
Concen: 196.04 ug/L
RT: 3.913 min Scan# 878
Delta R.T. -0.003 min
Lab File: VV020089.D
Acq: 20 Jan 2021 20:31

Tgt Ion: 96 Resp: 533489
Ion Ratio Lower Upper
96 100
61 124.3 96.9 179.9
68 0.0 0.0 0.0



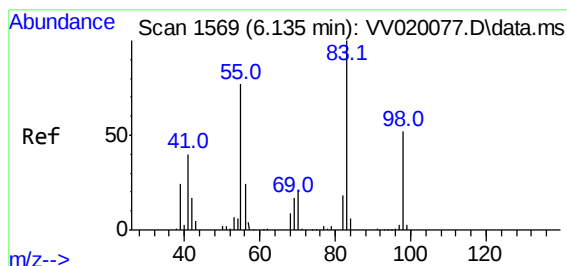
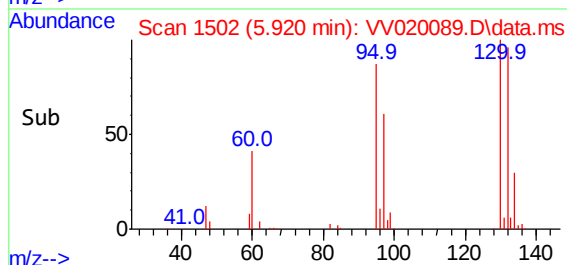
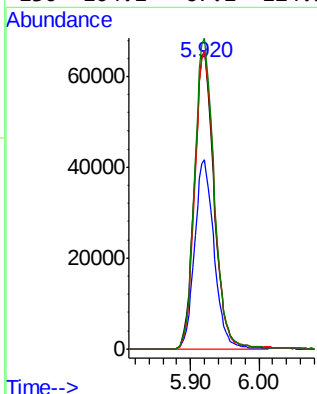
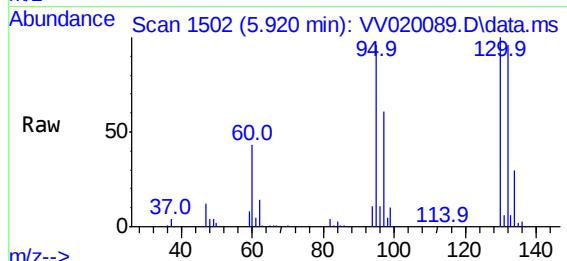


#34
Trichloroethene
Concen: 43.15 ug/L
RT: 5.920 min Scan# 1502
Delta R.T. 0.000 min
Lab File: VV020089.D
Acq: 20 Jan 2021 20:31

Instrument :
MSVOA_V
ClientSampleId :
F1E22

Tgt Ion: 95 Resp: 129972

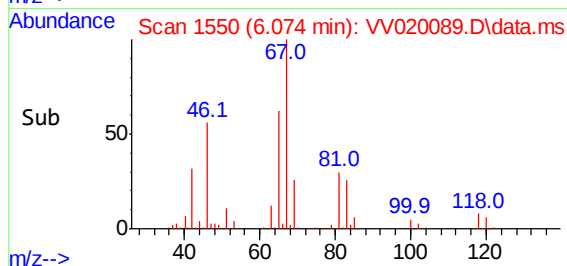
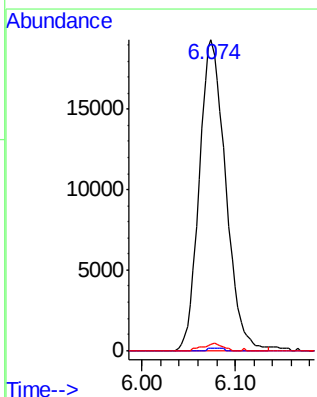
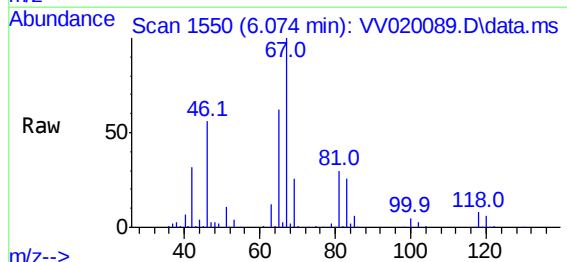
Ion	Ratio	Lower	Upper
95	100		
97	63.2	44.5	82.7
132	100.0	63.4	117.8
130	104.1	67.1	124.5

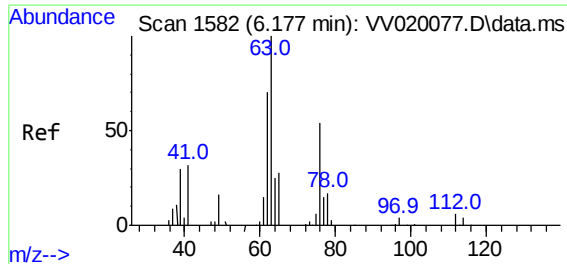


#35
Methylcyclohexane
Concen: 9.00 ug/L
RT: 6.074 min Scan# 1550
Delta R.T. -0.061 min
Lab File: VV020089.D
Acq: 20 Jan 2021 20:31

Tgt Ion: 83 Resp: 37977

Ion	Ratio	Lower	Upper
83	100		
55	0.4	65.1	97.7#
98	1.6	38.2	57.2#

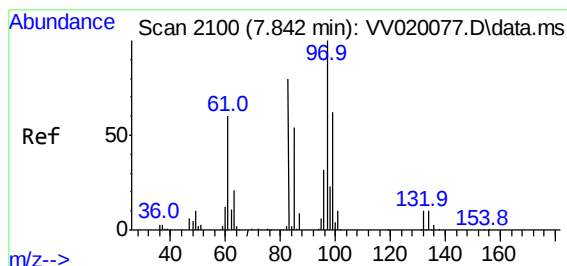
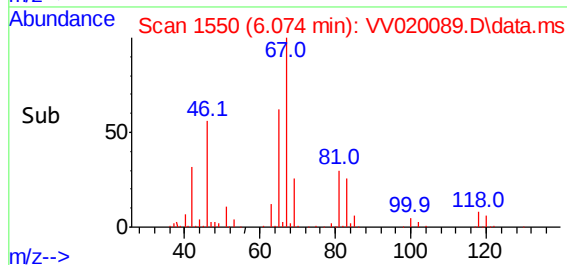
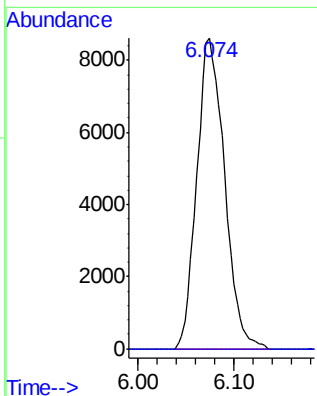
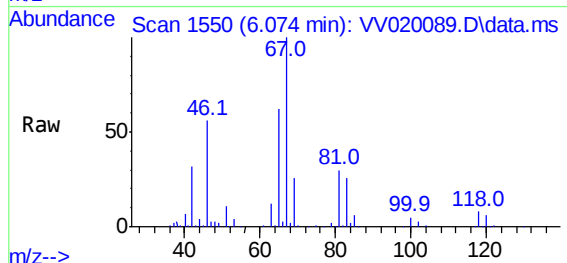




#37
1,2-Dichloropropane
Concen: 7.05 ug/L
RT: 6.074 min Scan# 1550
Delta R.T. -0.103 min
Lab File: VV020089.D
Acq: 20 Jan 2021 20:31

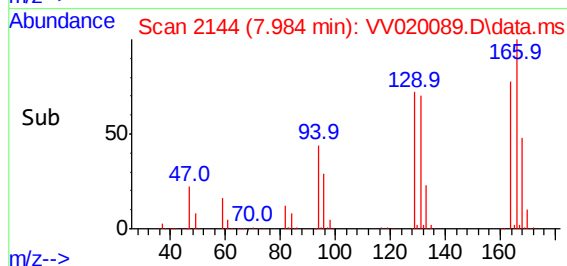
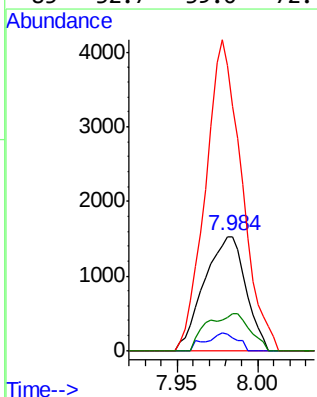
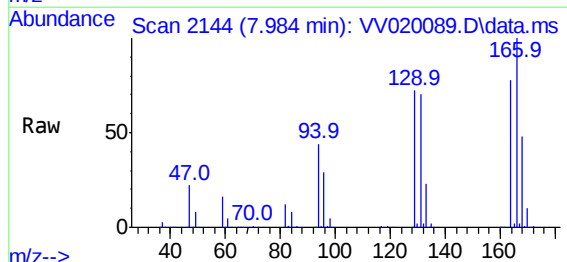
Instrument :
MSVOA_V
ClientSampled :
F1E22

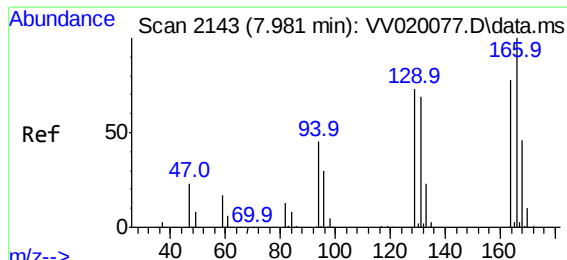
Tgt Ion: 63 Resp: 17267
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#



#45
1,1,2-Trichloroethane
Concen: 1.02 ug/L
RT: 7.984 min Scan# 2144
Delta R.T. 0.142 min
Lab File: VV020089.D
Acq: 20 Jan 2021 20:31

Tgt Ion: 97 Resp: 2686
Ion Ratio Lower Upper
97 100
99 10.8 43.8 81.3#
83 215.3 62.2 115.4#
85 32.7 39.0 72.4#

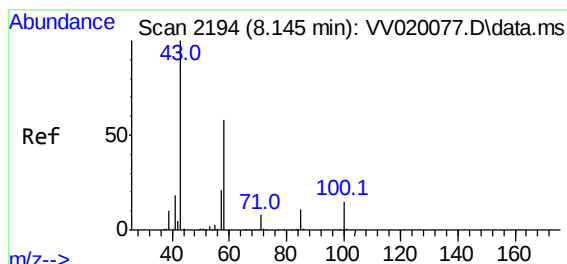
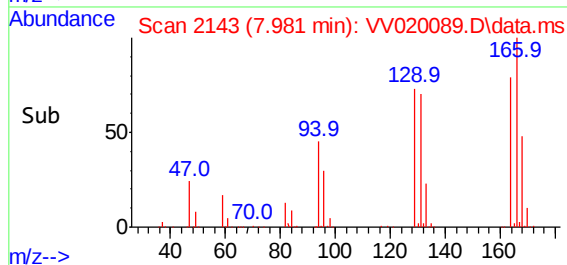
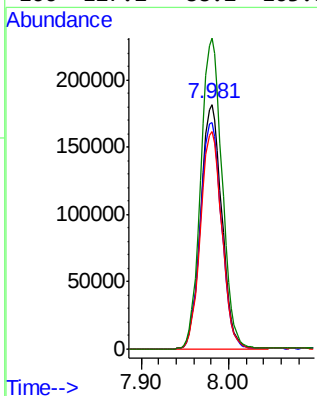
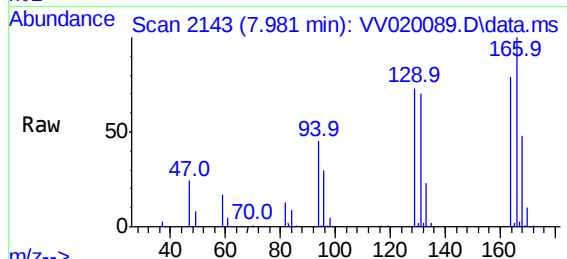




#46
Tetrachloroethene
Concen: 127.11 ug/L
RT: 7.981 min Scan# 2143
Delta R.T. 0.000 min
Lab File: VV020089.D
Acq: 20 Jan 2021 20:31

Instrument :
MSVOA_V
ClientSampleId :
F1E22

Tgt Ion:164 Resp: 303901
Ion Ratio Lower Upper
164 100
129 92.7 70.6 131.0
131 88.9 66.8 124.0
166 127.2 88.2 163.8



#48
2-Hexanone
Concen: 2.30 ug/L
RT: 8.154 min Scan# 2197
Delta R.T. 0.010 min
Lab File: VV020089.D
Acq: 20 Jan 2021 20:31

Tgt Ion: 43 Resp: 6109
Ion Ratio Lower Upper
43 100
58 0.0 41.8 62.6#
57 0.0 15.0 22.4#
100 2.1 8.9 13.3#

