

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011821\
 Data File : VW020050.D
 Acq On : 18 Jan 2021 17:52
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05071

Quant Time: Jan 19 02:52:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 19 02:46:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	420862	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.859	117	450458	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.254	152	250361	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.309	65	183545	51.70	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 103.40%			
7) Chloroethane-d5	1.569	69	149905	52.90	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 105.80%			
11) 1,1-Dichloroethene-d2	2.110	63	367692	52.59	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 105.18%			
21) 2-Butanone-d5	3.897	46	257076	111.63	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery = 111.63%			
24) Chloroform-d	4.354	84	321798	50.32	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.64%			
26) 1,2-Dichloroethane-d4	5.036	65	223956	51.52	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.04%			
32) Benzene-d6	5.055	84	579785	45.60	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.20%			
36) 1,2-Dichloropropane-d6	6.074	67	178758	45.03	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 90.06%			
41) Toluene-d8	7.322	98	531188	46.10	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.20%			
43) trans-1,3-Dichloroprop...	7.624	79	103370	50.18	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 100.36%			
47) 2-Hexanone-d5	8.093	63	213611	134.23	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 134.23%#			
57) 1,1,2,2-Tetrachloroeth...	10.222	84	281485	52.46	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 104.92%			
64) 1,2-Dichlorobenzene-d4	11.630	152	242771	50.20	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.40%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.129	85	194473	47.82	ug/L	98
3) Chloromethane	1.242	50	179507	46.06	ug/L	100
5) Vinyl chloride	1.312	62	203119	51.50	ug/L	98
6) Bromomethane	1.524	94	116115	47.20	ug/L	96
8) Chloroethane	1.586	64	125653	51.76	ug/L	99
9) Trichlorofluoromethane	1.753	101	302079	54.51	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.119	101	169652	55.12	ug/L	93
12) 1,1-Dichloroethene	2.119	96	165387	55.72	ug/L	90
13) Acetone	2.190	43	197208	96.92	ug/L	97
14) Carbon disulfide	2.296	76	398171	45.15	ug/L	100
15) Methyl Acetate	2.438	43	181806	52.65	ug/L	98
16) Methylene chloride	2.508	84	156408	49.59	ug/L	100
17) trans-1,2-Dichloroethene	2.762	96	146852	49.37	ug/L	98
18) Methyl tert-butyl Ether	2.772	73	513982	53.05	ug/L	97
19) 1,1-Dichloroethane	3.193	63	287957	50.62	ug/L	99
20) cis-1,2-Dichloroethene	3.917	96	160223	50.44	ug/L	99
22) 2-Butanone	3.981	43	265166	108.16	ug/L	98
23) Bromochloromethane	4.254	128	83044	50.02	ug/L	93
25) Chloroform	4.383	83	304948	51.00	ug/L	99
27) 1,2-Dichloroethane	5.135	62	262935	52.62	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011821\
 Data File : VW020050.D
 Acq On : 18 Jan 2021 17:52
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05071

Quant Time: Jan 19 02:52:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 19 02:46:41 2021
 Response via : Initial Calibration

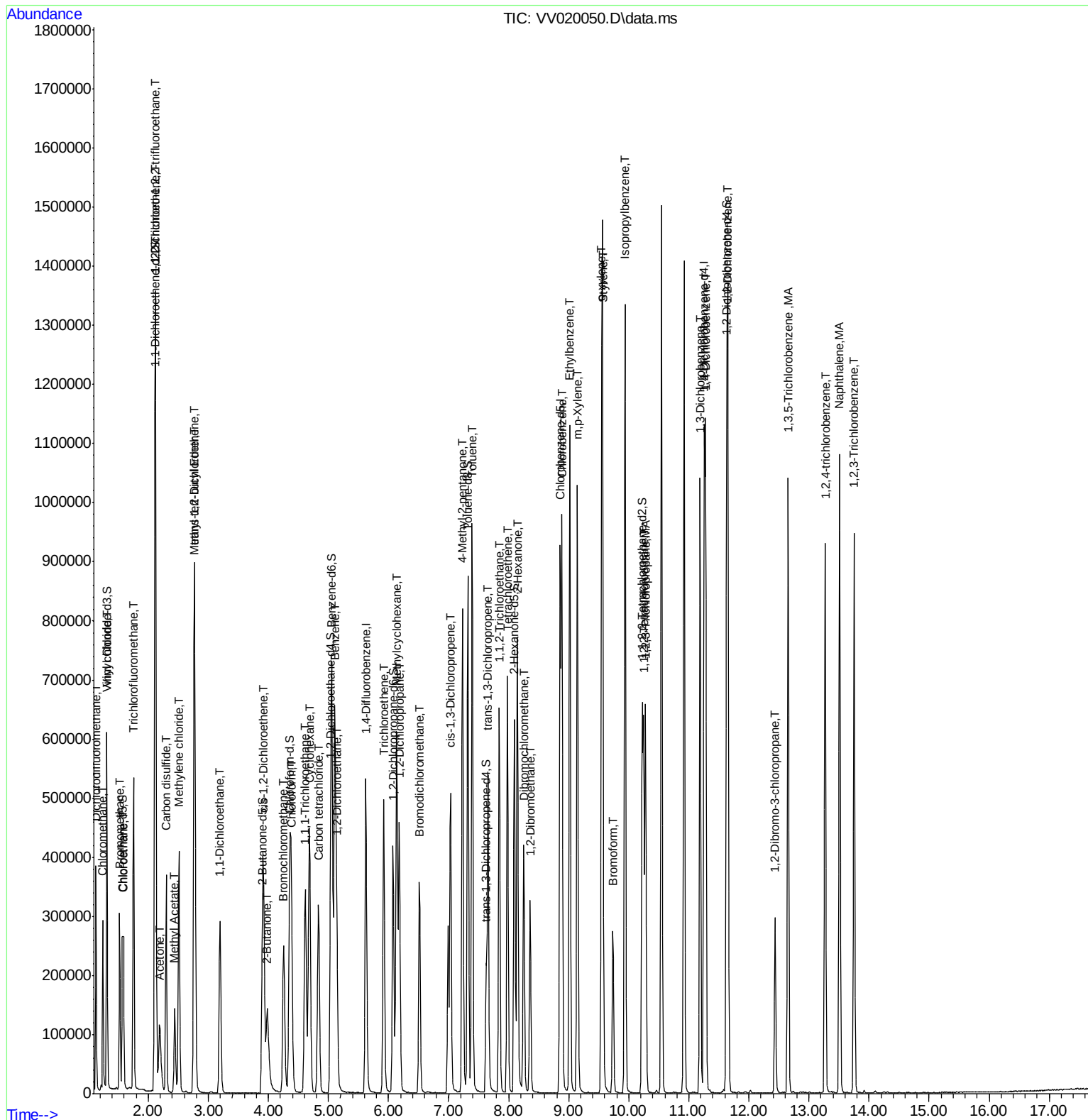
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	4.682	56	238556	44.79	ug/L	96
30) 1,1,1-Trichloroethane	4.614	97	273571	46.17	ug/L	99
31) Carbon tetrachloride	4.833	117	225037	44.54	ug/L	98
33) Benzene	5.103	78	607157	46.43	ug/L	100
34) Trichloroethene	5.920	95	169653	45.27	ug/L	99
35) Methylcyclohexane	6.135	83	239381	44.70	ug/L	99
37) 1,2-Dichloropropane	6.177	63	163341	48.15	ug/L	99
38) Bromodichloromethane	6.515	83	225911	46.11	ug/L	99
39) cis-1,3-Dichloropropene	7.032	75	278410	52.42	ug/L	97
40) 4-Methyl-2-pentanone	7.232	43	524412	100.62	ug/L	99
42) Toluene	7.392	91	646498	46.43	ug/L	99
44) trans-1,3-Dichloropropene	7.656	75	281614	52.26	ug/L	100
45) 1,1,2-Trichloroethane	7.843	97	189692	56.90	ug/L	98
46) Tetrachloroethene	7.981	164	148171	55.07	ug/L	99
48) 2-Hexanone	8.145	43	474836	115.82	ug/L	96
49) Dibromochloromethane	8.251	129	205483	55.81	ug/L	99
50) 1,2-Dibromoethane	8.357	107	208555	58.31	ug/L	99
51) Chlorobenzene	8.888	112	464842	50.40	ug/L	99
52) Ethylbenzene	9.016	91	749823	47.41	ug/L	100
53) m,p-Xylene	9.145	106	264841	45.85	ug/L	99
54) o-xylene	9.547	106	265067	46.61	ug/L	100
55) Styrene	9.566	104	461310	46.93	ug/L	100
56) Isopropylbenzene	9.936	105	803455	52.24	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.248	83	277301	53.13	ug/L	99
59) 1,2,3-Trichloropropane	10.280	75	241362	52.32	ug/L	99
61) Bromoform	9.736	173	109947	43.13	ug/L	99
62) 1,3-Dichlorobenzene	11.186	146	381900	50.83	ug/L	98
63) 1,4-Dichlorobenzene	11.280	146	387003	50.20	ug/L	99
65) 1,2-Dichlorobenzene	11.649	146	379297	50.11	ug/L	99
66) 1,2-Dibromo-3-chloropr...	12.437	75	68279	51.87	ug/L	93
67) 1,3,5-Trichlorobenzene	12.653	180	284382	50.40	ug/L	99
68) 1,2,4-trichlorobenzene	13.270	180	250445	50.21	ug/L	98
69) Naphthalene	13.508	128	772633	53.55	ug/L	100
70) 1,2,3-Trichlorobenzene	13.752	180	249907	51.61	ug/L	100

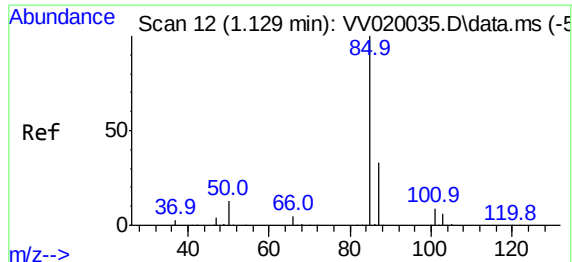
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011821\
Data File : VV020050.D
Acq On : 18 Jan 2021 17:52
Operator : SY/MD
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
Client Sample Id :
VSTD05071

Quant Time: Jan 19 02:52:05 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jan 19 02:46:41 2021
Response via : Initial Calibration

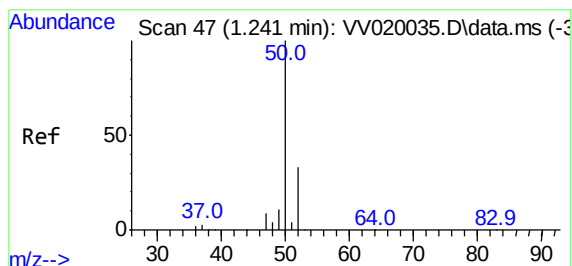
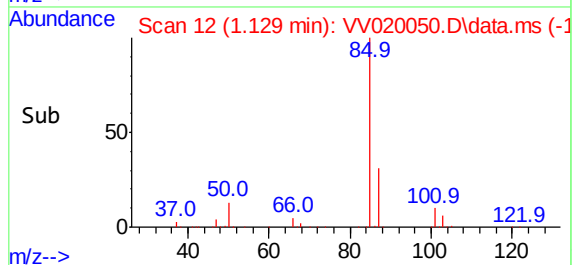
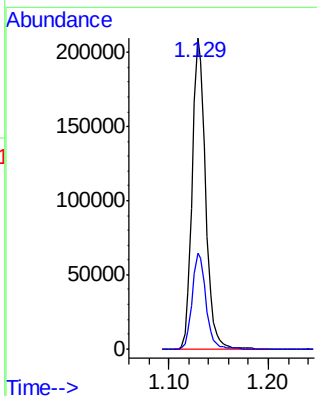
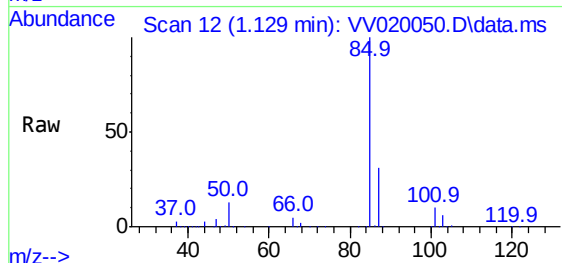




#2
Dichlorodifluoromethane
Concen: 47.82 ug/L
RT: 1.129 min Scan# 12
Delta R.T. 0.000 min
Lab File: VV020050.D
Acq: 18 Jan 2021 17:52

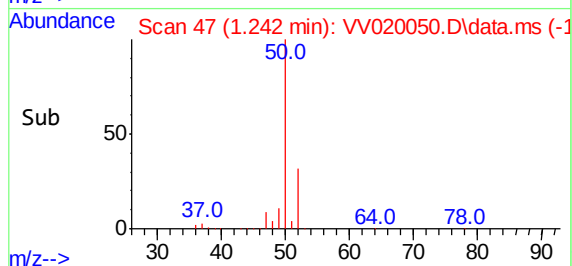
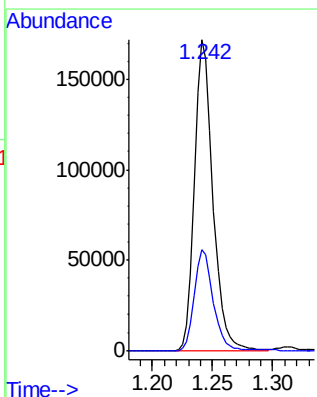
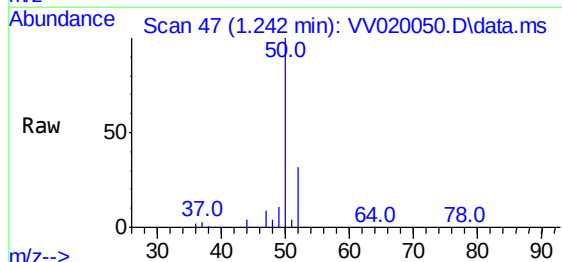
Instrument :
MSVOA_V
ClientSampleId :
VSTD05071

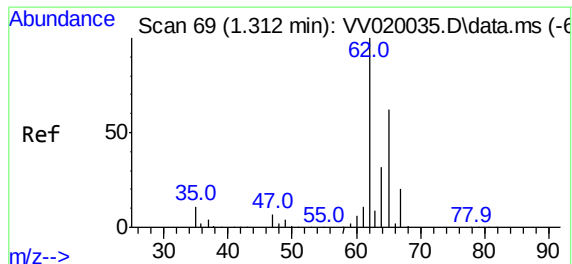
Tgt Ion: 85 Resp: 194473
Ion Ratio Lower Upper
85 100
87 31.5 25.9 38.9



#3
Chloromethane
Concen: 46.06 ug/L
RT: 1.242 min Scan# 47
Delta R.T. 0.000 min
Lab File: VV020050.D
Acq: 18 Jan 2021 17:52

Tgt Ion: 50 Resp: 179507
Ion Ratio Lower Upper
50 100
52 32.5 22.7 42.1

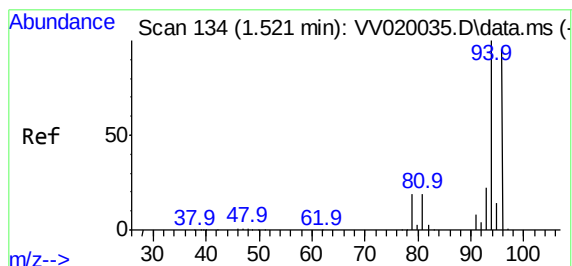
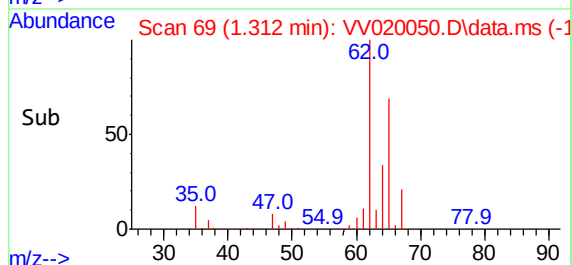
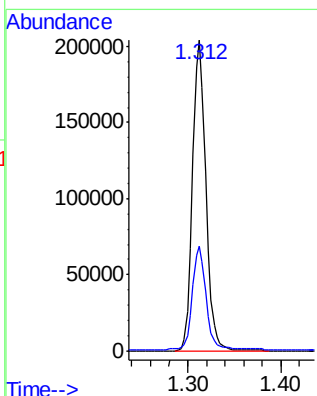
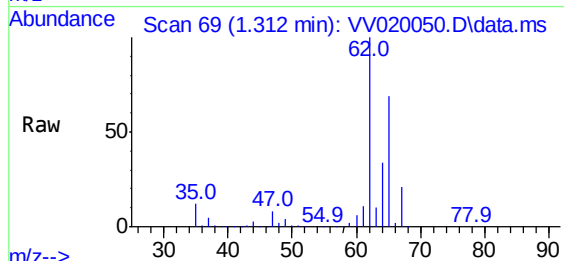




#5
 Vinyl chloride
 Concen: 51.50 ug/L
 RT: 1.312 min Scan# 69
 Delta R.T. 0.000 min
 Lab File: VV020050.D
 Acq: 18 Jan 2021 17:52

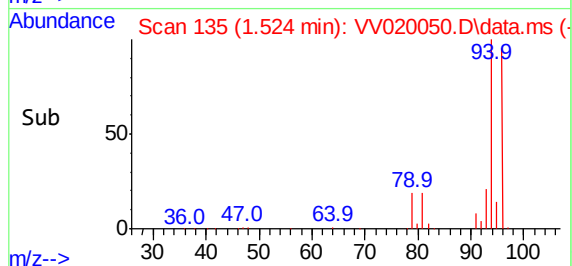
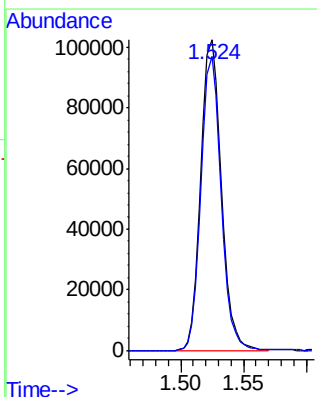
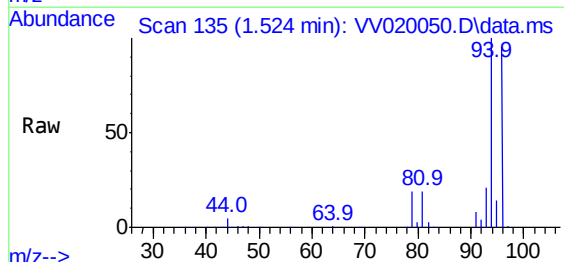
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05071

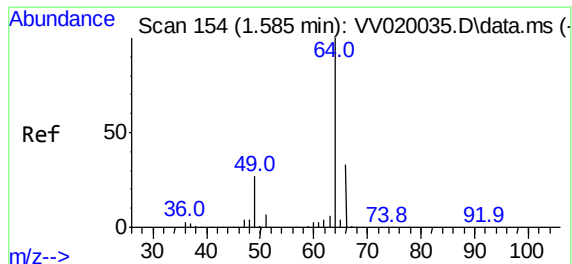
Tgt Ion: 62 Resp: 203119
 Ion Ratio Lower Upper
 62 100
 64 33.8 23.0 42.6



#6
 Bromomethane
 Concen: 47.20 ug/L
 RT: 1.524 min Scan# 135
 Delta R.T. 0.003 min
 Lab File: VV020050.D
 Acq: 18 Jan 2021 17:52

Tgt Ion: 94 Resp: 116115
 Ion Ratio Lower Upper
 94 100
 96 94.7 63.6 118.2

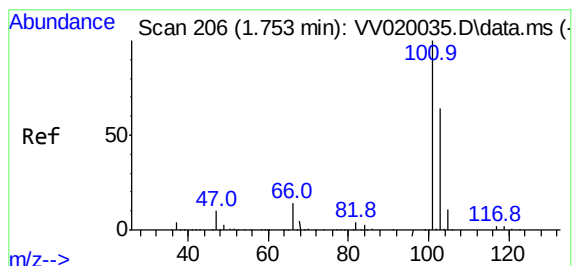
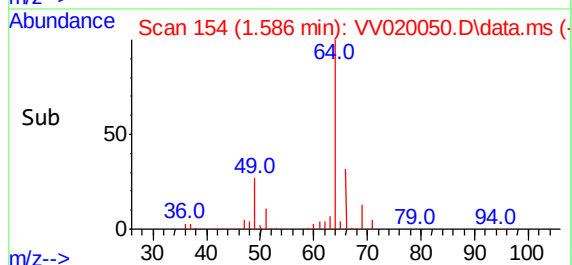
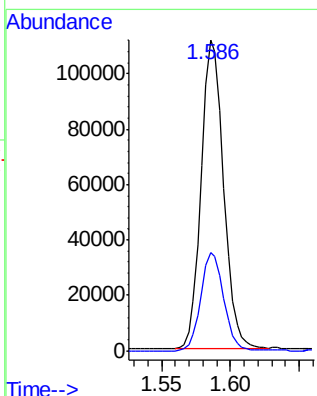
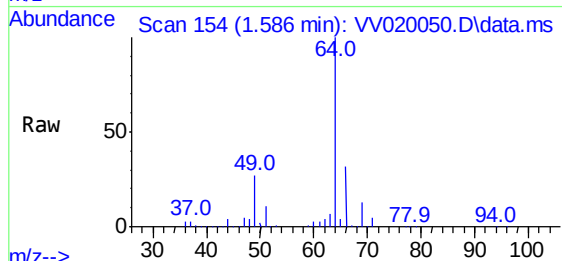




#8
Chloroethane
Concen: 51.76 ug/L
RT: 1.586 min Scan# 154
Delta R.T. 0.000 min
Lab File: VV020050.D
Acq: 18 Jan 2021 17:52

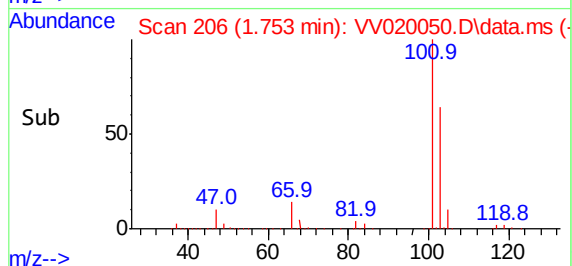
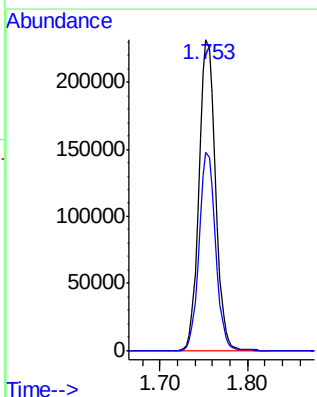
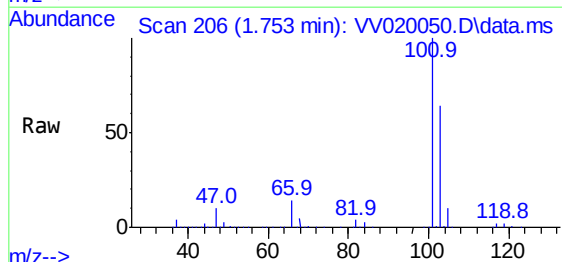
Instrument :
MSVOA_V
ClientSampled :
VSTD05071

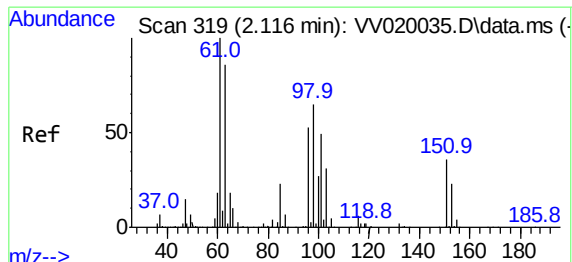
Tgt Ion: 64 Resp: 125653
Ion Ratio Lower Upper
64 100
66 31.6 22.4 41.6



#9
Trichlorofluoromethane
Concen: 54.51 ug/L
RT: 1.753 min Scan# 206
Delta R.T. 0.000 min
Lab File: VV020050.D
Acq: 18 Jan 2021 17:52

Tgt Ion:101 Resp: 302079
Ion Ratio Lower Upper
101 100
103 63.4 51.7 77.5



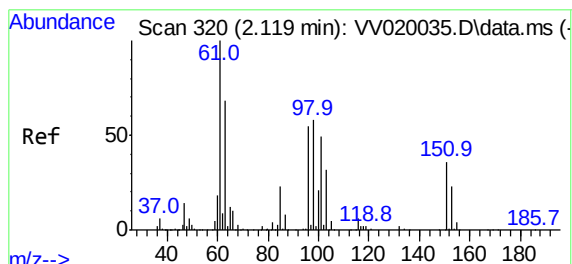
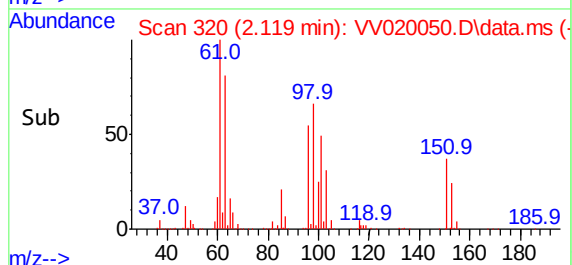
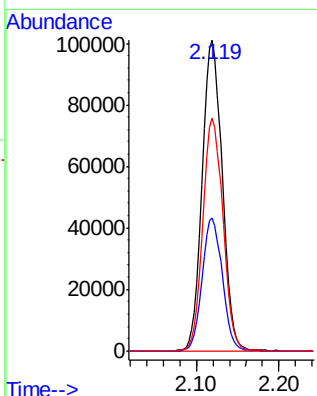
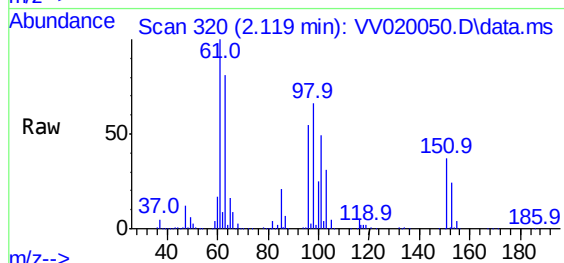


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 55.12 ug/L
 RT: 2.119 min Scan# 320
 Delta R.T. 0.003 min
 Lab File: VV020050.D
 Acq: 18 Jan 2021 17:52

Instrument :
 MSVOA_V
 ClientSampled :
 VSTD05071

Tgt Ion:101 Resp: 169652

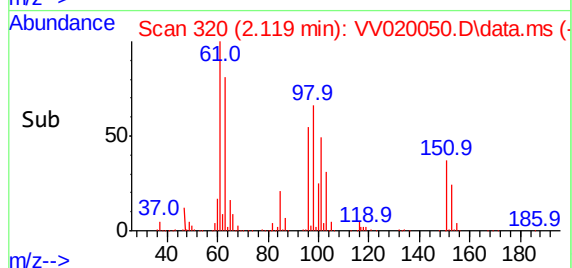
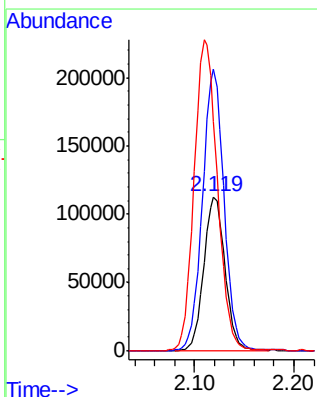
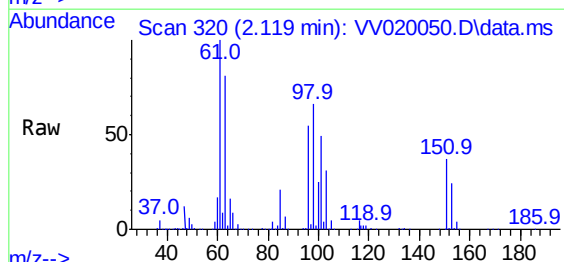
Ion	Ratio	Lower	Upper
101	100		
85	42.9	35.3	52.9
151	74.9	53.6	80.4

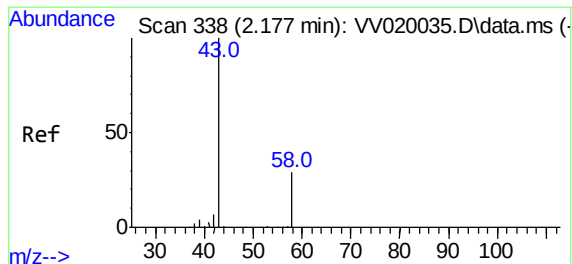


#12
 1,1-Dichloroethene
 Concen: 55.72 ug/L
 RT: 2.119 min Scan# 320
 Delta R.T. 0.000 min
 Lab File: VV020050.D
 Acq: 18 Jan 2021 17:52

Tgt Ion: 96 Resp: 165387

Ion	Ratio	Lower	Upper
96	100		
61	182.8	134.9	250.5
63	148.8	117.6	218.4

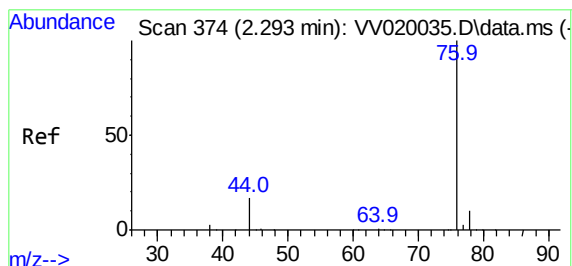
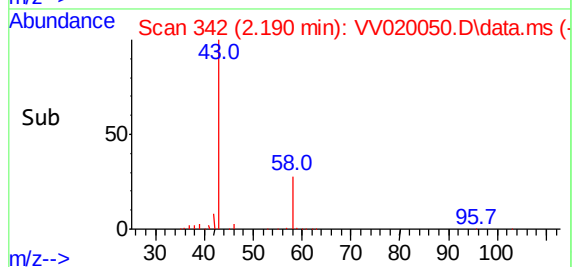
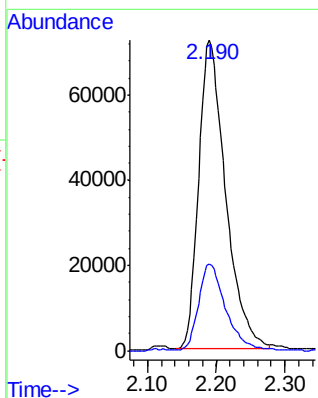
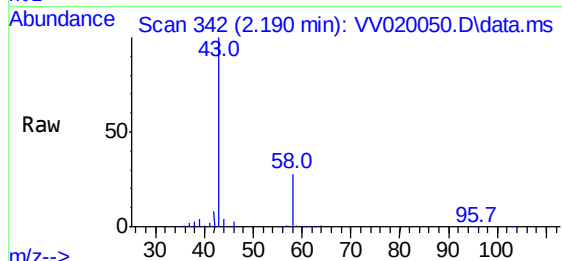




#13
Acetone
Concen: 96.92 ug/L
RT: 2.190 min Scan# 342
Delta R.T. 0.013 min
Lab File: VV020050.D
Acq: 18 Jan 2021 17:52

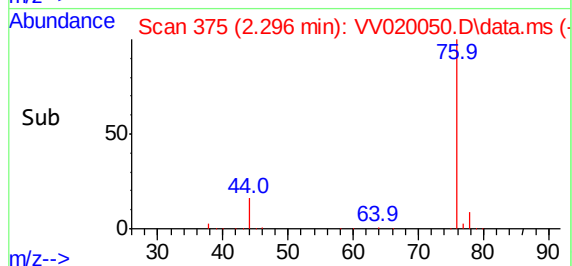
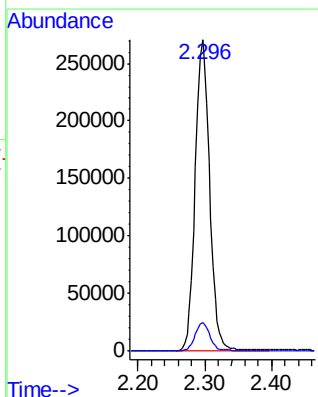
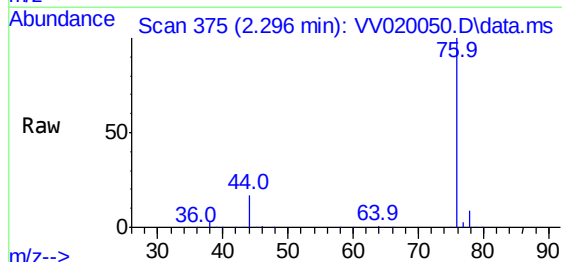
Instrument :
MSVOA_V
ClientSampleId :
VSTD05071

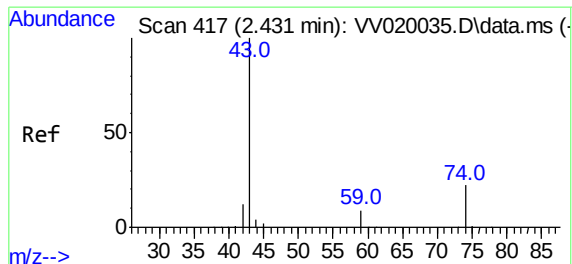
Tgt Ion: 43 Resp: 197208
Ion Ratio Lower Upper
43 100
58 28.5 0.0 60.2



#14
Carbon disulfide
Concen: 45.15 ug/L
RT: 2.296 min Scan# 375
Delta R.T. 0.003 min
Lab File: VV020050.D
Acq: 18 Jan 2021 17:52

Tgt Ion: 76 Resp: 398171
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8

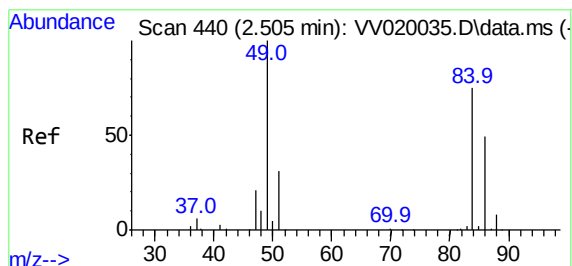
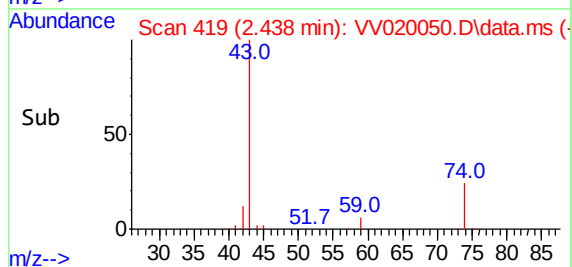
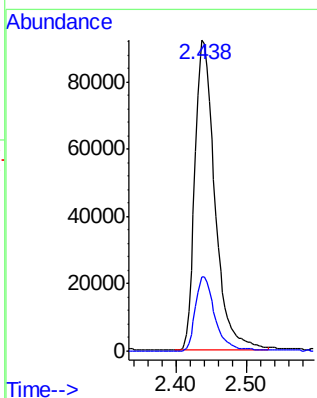
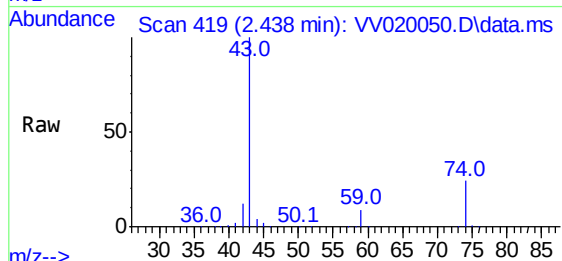




#15
Methyl Acetate
Concen: 52.65 ug/L
RT: 2.438 min Scan# 419
Delta R.T. 0.007 min
Lab File: VV020050.D
Acq: 18 Jan 2021 17:52

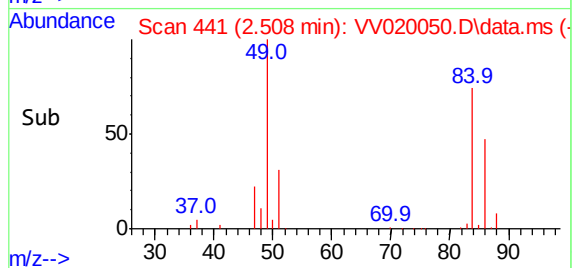
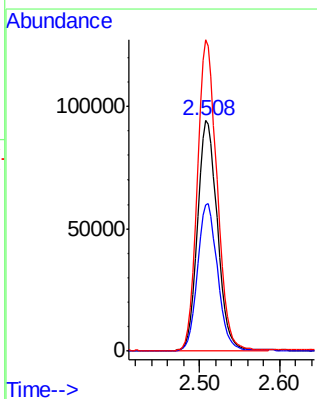
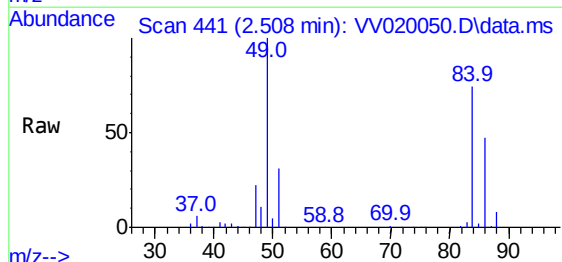
Instrument :
MSVOA_V
ClientSampled :
VSTD05071

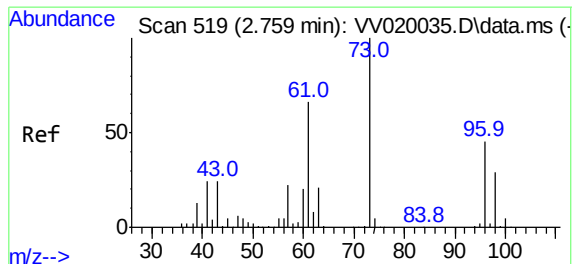
Tgt Ion: 43 Resp: 181806
Ion Ratio Lower Upper
43 100
74 22.9 17.6 26.4



#16
Methylene chloride
Concen: 49.59 ug/L
RT: 2.508 min Scan# 441
Delta R.T. 0.003 min
Lab File: VV020050.D
Acq: 18 Jan 2021 17:52

Tgt Ion: 84 Resp: 156408
Ion Ratio Lower Upper
84 100
86 63.7 44.6 82.8
49 135.3 94.6 175.8

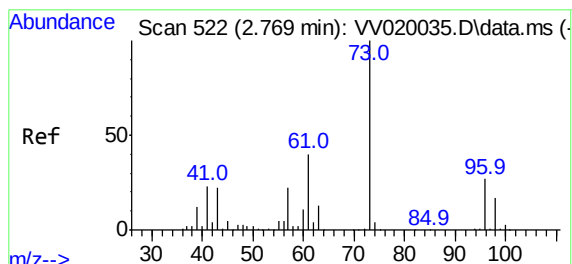
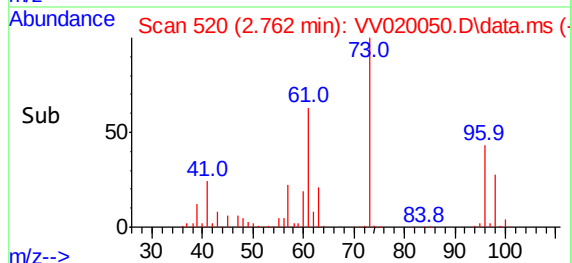
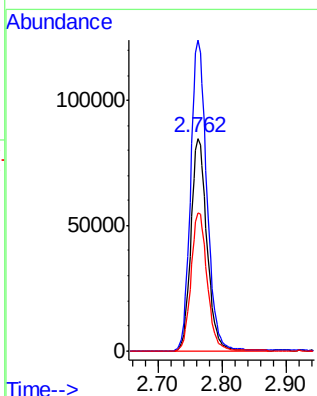
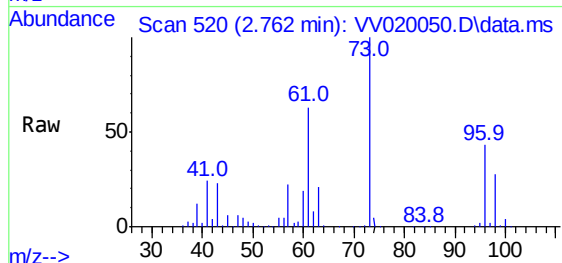




#17
trans-1,2-Dichloroethene
Concen: 49.37 ug/L
RT: 2.762 min Scan# 520
Delta R.T. 0.003 min
Lab File: VV020050.D
Acq: 18 Jan 2021 17:52

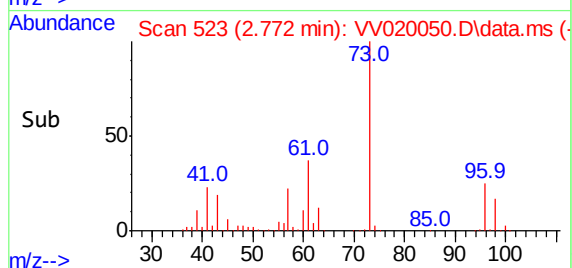
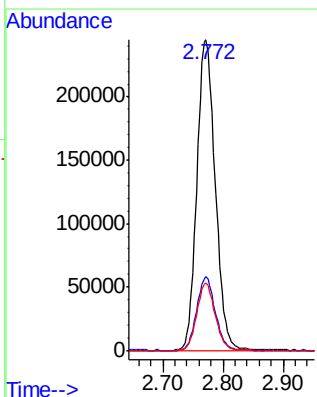
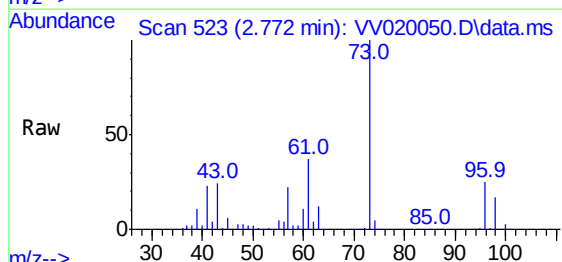
Instrument :
MSVOA_V
ClientSampled :
VSTD05071

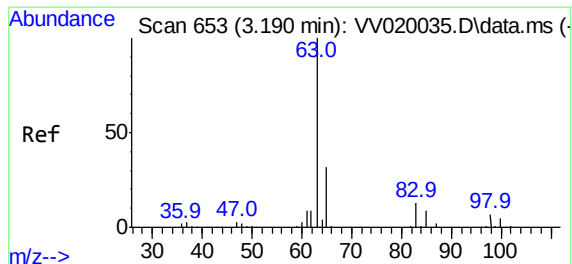
Tgt Ion: 96 Resp: 146852
Ion Ratio Lower Upper
96 100
61 146.2 103.1 191.5
98 65.1 43.1 80.1



#18
Methyl tert-butyl Ether
Concen: 53.05 ug/L
RT: 2.772 min Scan# 523
Delta R.T. 0.003 min
Lab File: VV020050.D
Acq: 18 Jan 2021 17:52

Tgt Ion: 73 Resp: 513982
Ion Ratio Lower Upper
73 100
43 23.7 17.3 25.9
57 21.6 17.9 26.9

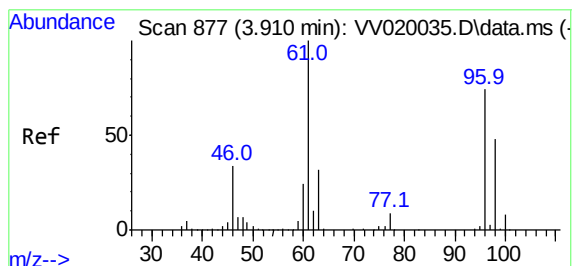
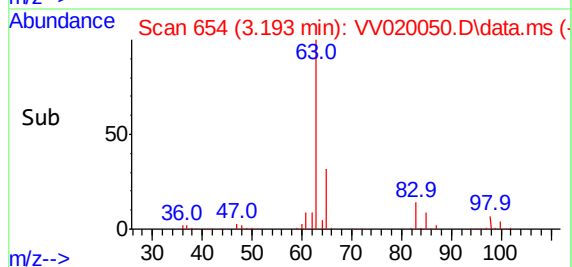
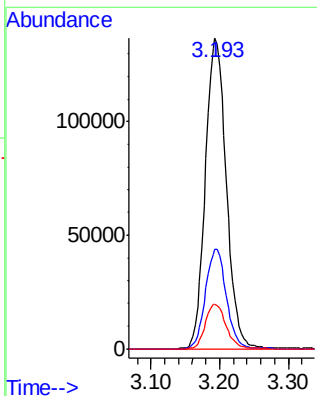
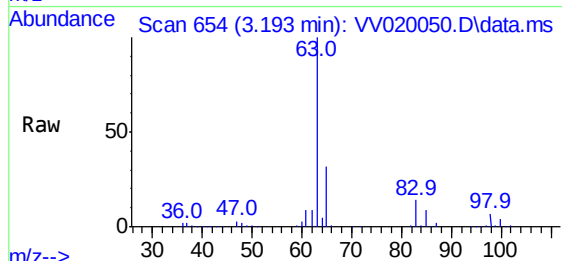




#19
1,1-Dichloroethane
Concen: 50.62 ug/L
RT: 3.193 min Scan# 654
Delta R.T. 0.003 min
Lab File: VV020050.D
Acq: 18 Jan 2021 17:52

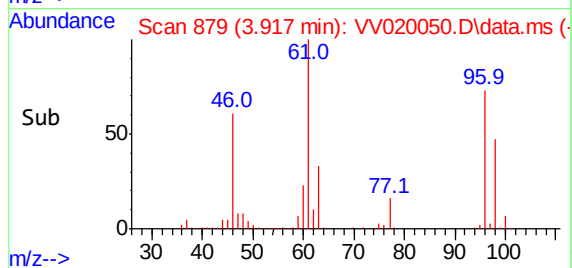
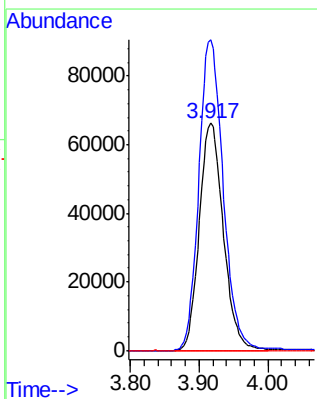
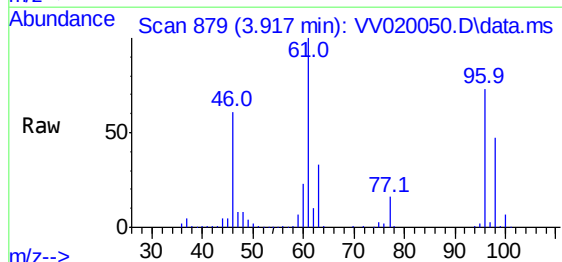
Instrument :
MSVOA_V
ClientSampled :
VSTD05071

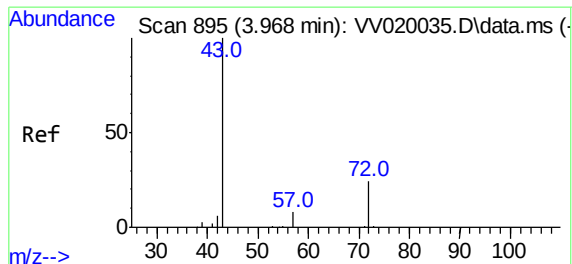
Tgt Ion: 63 Resp: 287957
Ion Ratio Lower Upper
63 100
65 32.0 21.9 40.7
83 14.2 9.5 17.7



#20
cis-1,2-Dichloroethene
Concen: 50.44 ug/L
RT: 3.917 min Scan# 879
Delta R.T. 0.007 min
Lab File: VV020050.D
Acq: 18 Jan 2021 17:52

Tgt Ion: 96 Resp: 160223
Ion Ratio Lower Upper
96 100
61 136.8 96.9 179.9
68 0.0 0.0 0.0

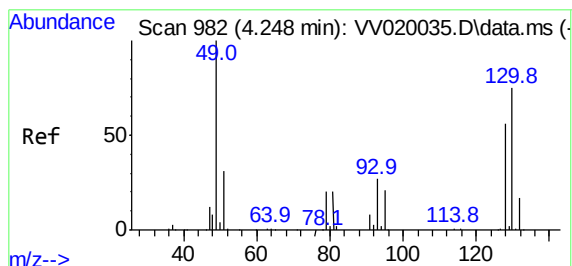
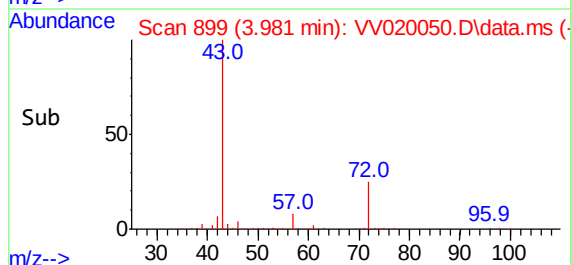
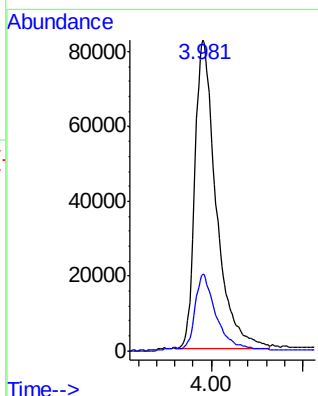
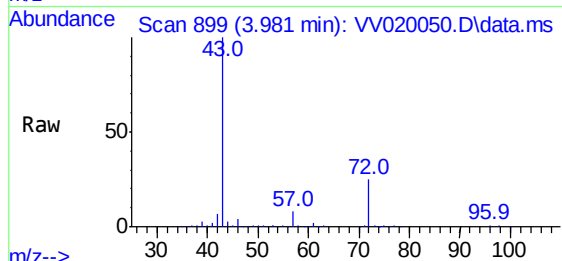




#22
2-Butanone
Concen: 108.16 ug/L
RT: 3.981 min Scan# 899
Delta R.T. 0.013 min
Lab File: VV020050.D
Acq: 18 Jan 2021 17:52

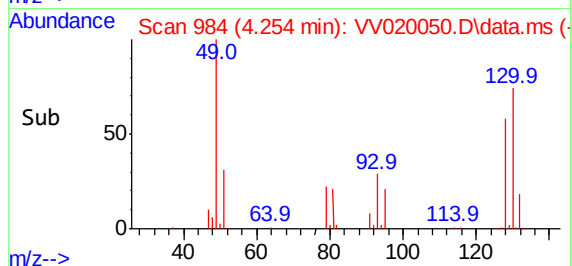
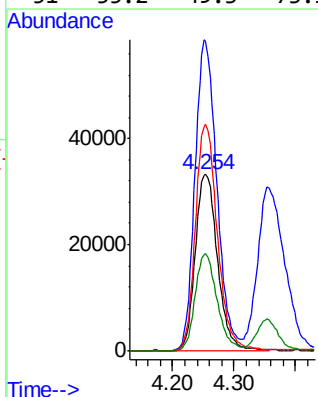
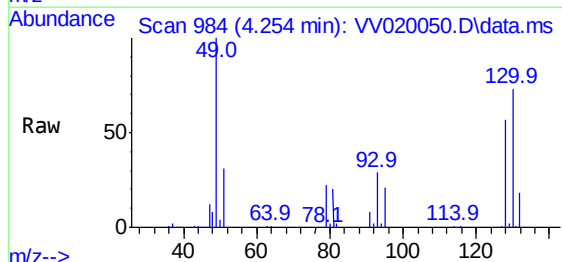
Instrument :
MSVOA_V
ClientSampleId :
VSTD05071

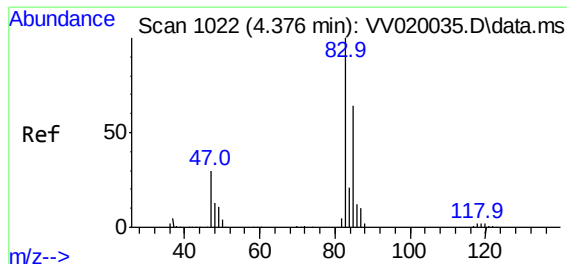
Tgt Ion: 43 Resp: 265166
Ion Ratio Lower Upper
43 100
72 23.5 12.2 36.6



#23
Bromochloromethane
Concen: 50.02 ug/L
RT: 4.254 min Scan# 984
Delta R.T. 0.007 min
Lab File: VV020050.D
Acq: 18 Jan 2021 17:52

Tgt Ion: 128 Resp: 83044
Ion Ratio Lower Upper
128 100
49 175.5 133.1 247.1
130 128.4 89.0 165.4
51 55.2 49.3 73.9

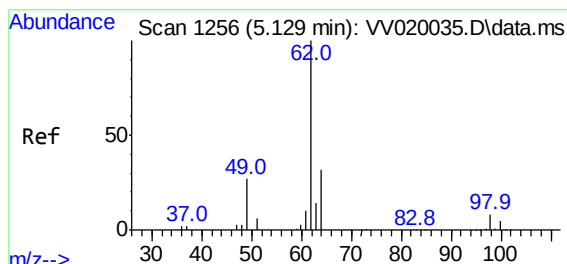
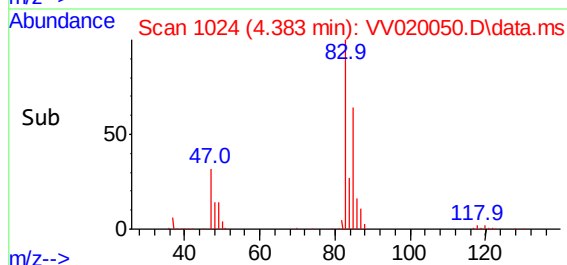
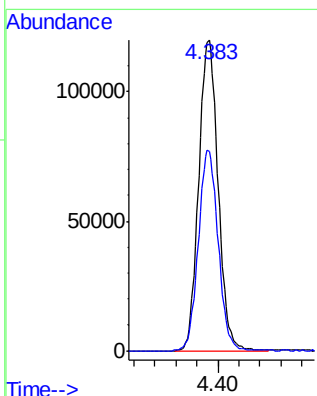
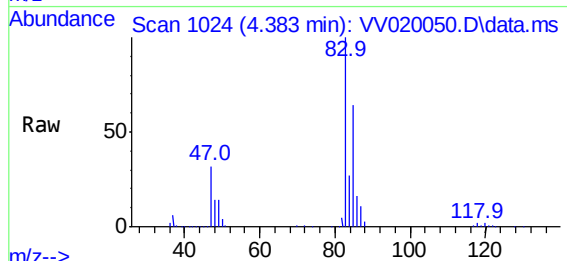




#25
Chloroform
Concen: 51.00 ug/L
RT: 4.383 min Scan# 1024
Delta R.T. 0.007 min
Lab File: VV020050.D
Acq: 18 Jan 2021 17:52

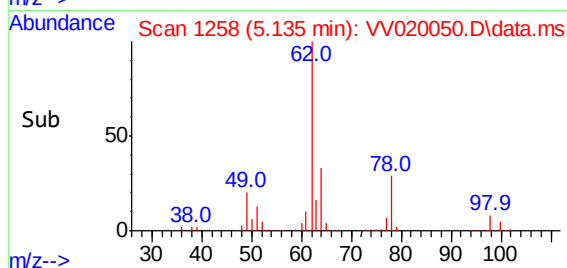
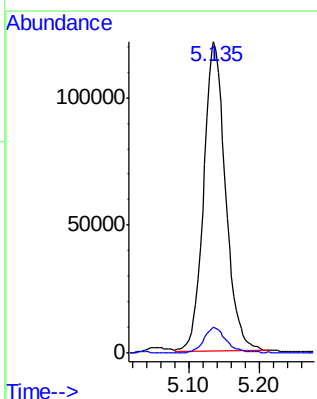
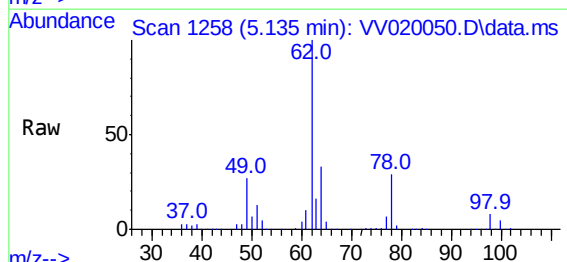
Instrument :
MSVOA_V
ClientSampleId :
VSTD05071

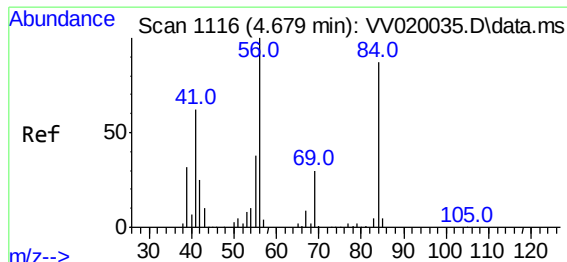
Tgt Ion: 83 Resp: 304948
Ion Ratio Lower Upper
83 100
85 64.1 44.2 82.2



#27
1,2-Dichloroethane
Concen: 52.62 ug/L
RT: 5.135 min Scan# 1258
Delta R.T. 0.007 min
Lab File: VV020050.D
Acq: 18 Jan 2021 17:52

Tgt Ion: 62 Resp: 262935
Ion Ratio Lower Upper
62 100
98 8.0 6.9 10.3





#29

Cyclohexane

Concen: 44.79 ug/L

RT: 4.682 min Scan# 1117

Delta R.T. 0.003 min

Lab File: VV020050.D

Acq: 18 Jan 2021 17:52

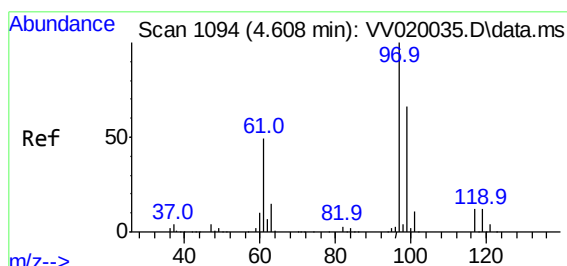
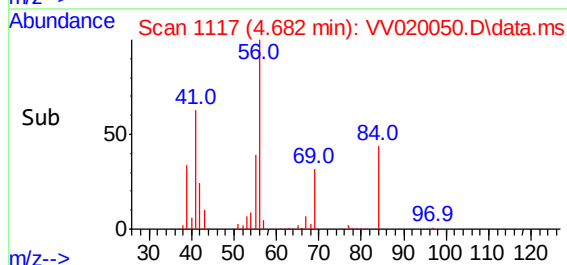
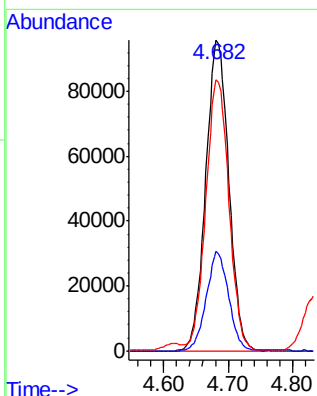
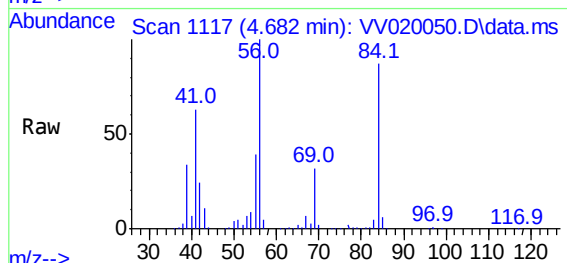
Tgt Ion: 56 Resp: 238556

Ion Ratio Lower Upper

56 100

69 30.8 24.2 36.2

84 87.4 66.3 99.5



#30

1,1,1-Trichloroethane

Concen: 46.17 ug/L

RT: 4.614 min Scan# 1096

Delta R.T. 0.007 min

Lab File: VV020050.D

Acq: 18 Jan 2021 17:52

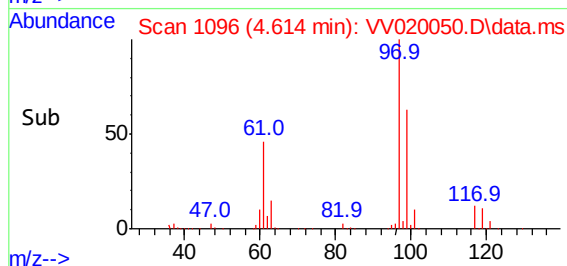
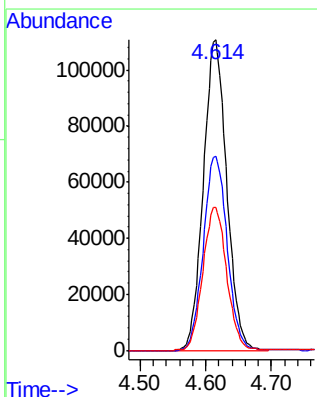
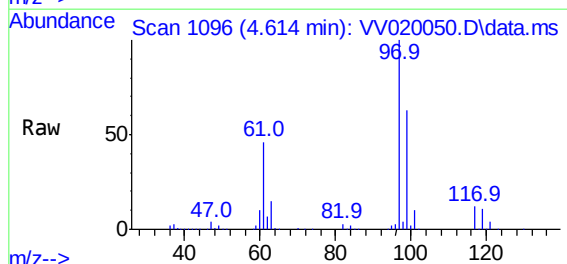
Tgt Ion: 97 Resp: 273571

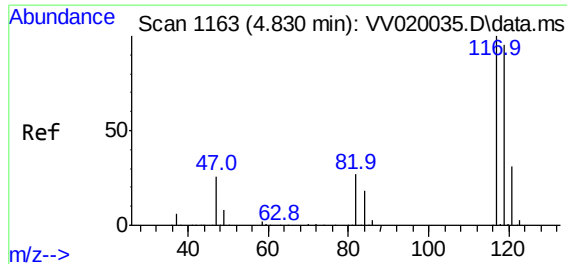
Ion Ratio Lower Upper

97 100

99 63.8 51.2 76.8

61 47.1 38.5 57.7

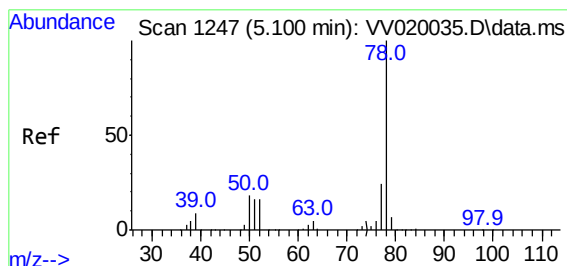
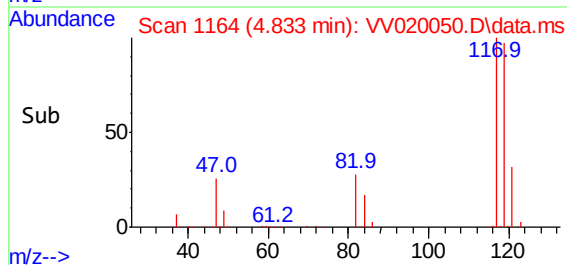
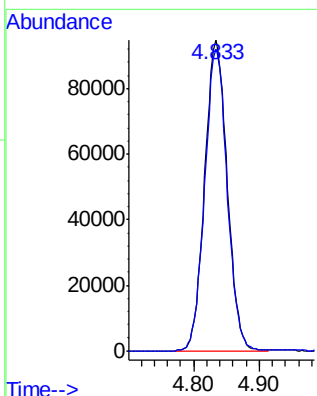
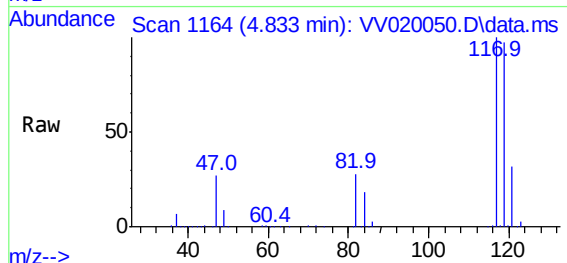




#31
Carbon tetrachloride
Concen: 44.54 ug/L
RT: 4.833 min Scan# 1164
Delta R.T. 0.003 min
Lab File: VV020050.D
Acq: 18 Jan 2021 17:52

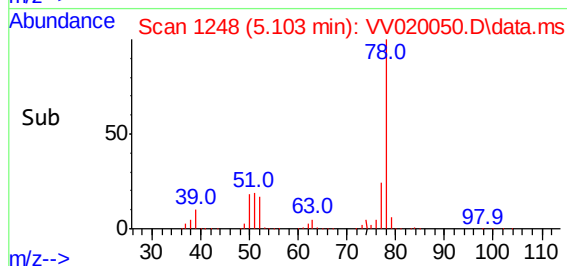
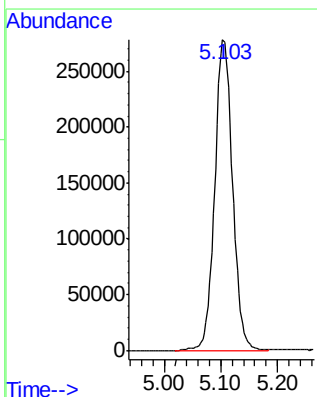
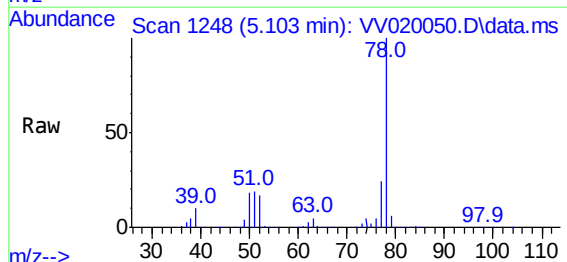
Instrument :
MSVOA_V
ClientSampled :
VSTD05071

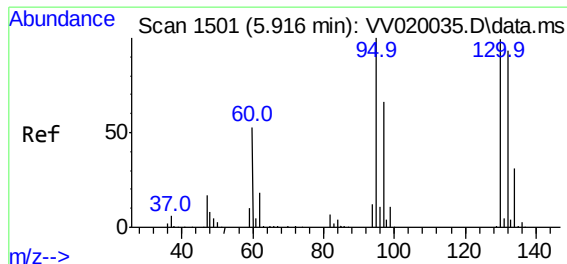
Tgt Ion:117 Resp: 225037
Ion Ratio Lower Upper
117 100
119 97.1 76.3 114.5



#33
Benzene
Concen: 46.43 ug/L
RT: 5.103 min Scan# 1248
Delta R.T. 0.003 min
Lab File: VV020050.D
Acq: 18 Jan 2021 17:52

Tgt Ion: 78 Resp: 607157

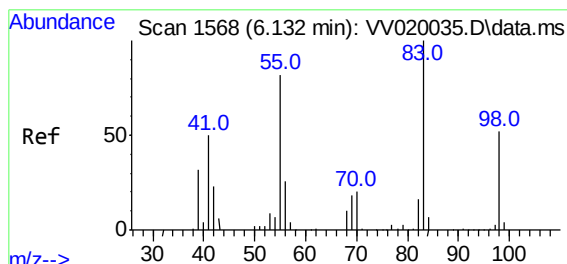
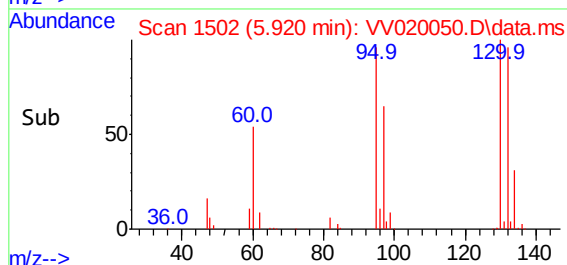
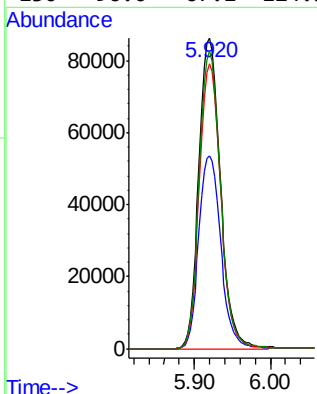
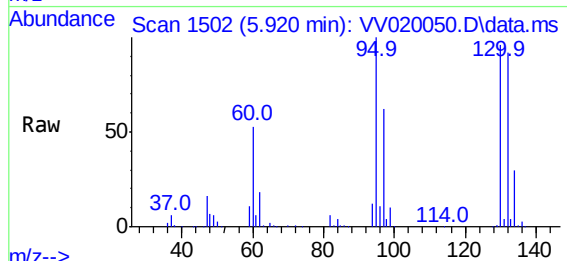




#34
Trichloroethene
Concen: 45.27 ug/L
RT: 5.920 min Scan# 1502
Delta R.T. 0.003 min
Lab File: VV020050.D
Acq: 18 Jan 2021 17:52

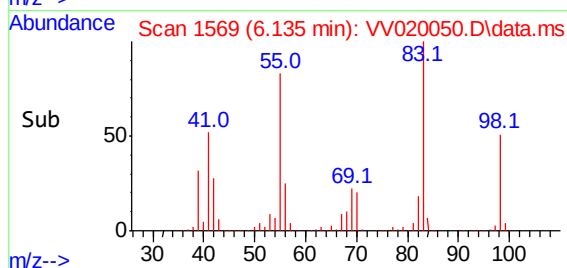
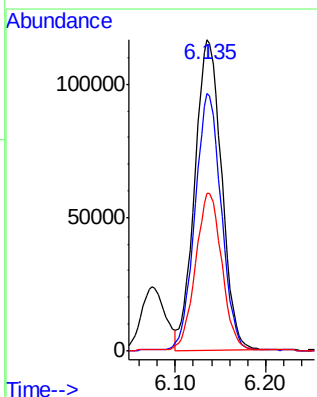
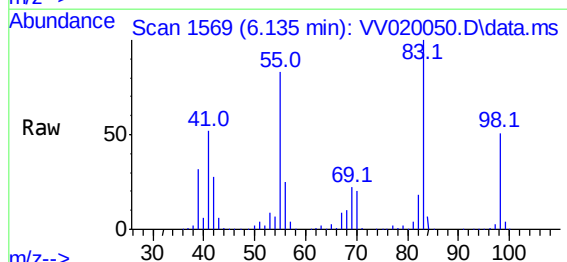
Instrument :
MSVOA_V
ClientSampleId :
VSTD05071

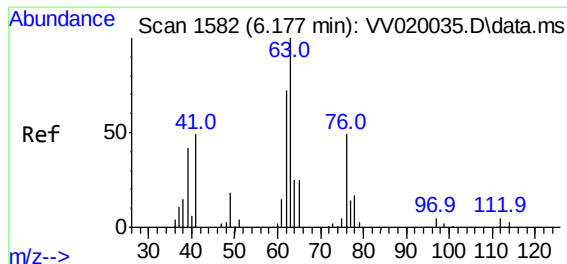
Tgt Ion: 95 Resp: 169653
Ion Ratio Lower Upper
95 100
97 62.2 44.5 82.7
132 92.0 63.4 117.8
130 96.0 67.1 124.5



#35
Methylcyclohexane
Concen: 44.70 ug/L
RT: 6.135 min Scan# 1569
Delta R.T. 0.003 min
Lab File: VV020050.D
Acq: 18 Jan 2021 17:52

Tgt Ion: 83 Resp: 239381
Ion Ratio Lower Upper
83 100
55 81.5 65.1 97.7
98 49.8 38.2 57.2

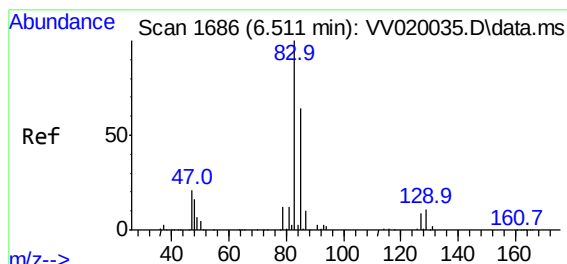
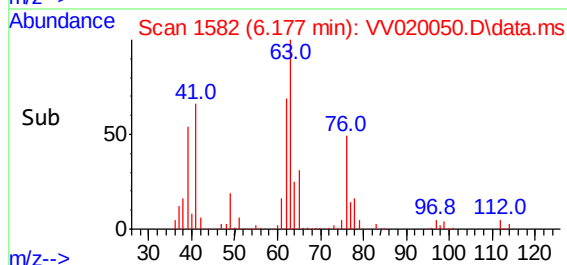
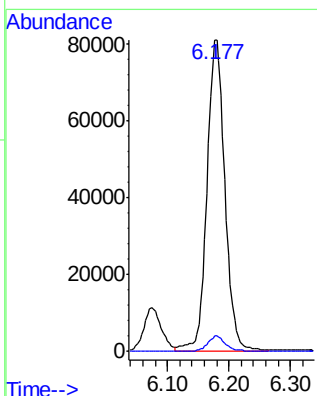
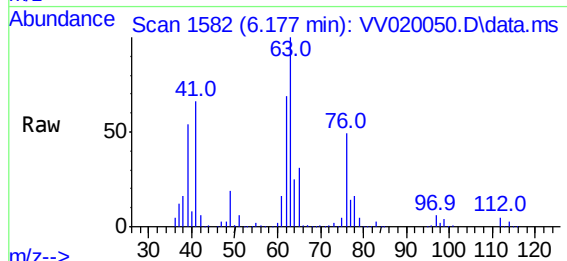




#37
1,2-Dichloropropane
Concen: 48.15 ug/L
RT: 6.177 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VV020050.D
Acq: 18 Jan 2021 17:52

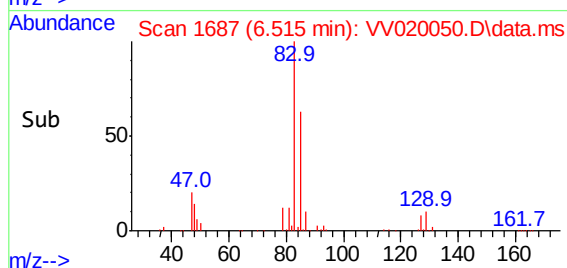
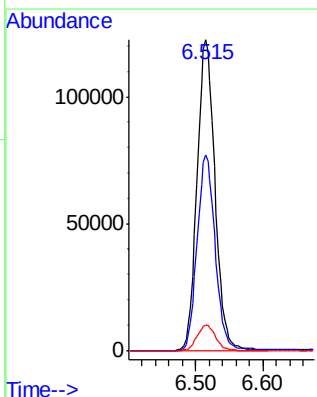
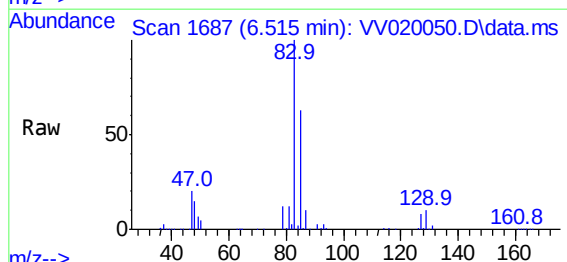
Instrument :
MSVOA_V
ClientSampleId :
VSTD05071

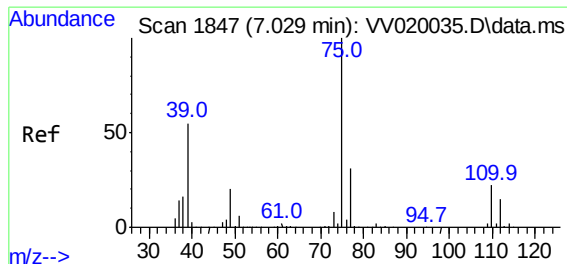
Tgt Ion: 63 Resp: 163341
Ion Ratio Lower Upper
63 100
112 4.3 3.3 4.9



#38
Bromodichloromethane
Concen: 46.11 ug/L
RT: 6.515 min Scan# 1687
Delta R.T. 0.003 min
Lab File: VV020050.D
Acq: 18 Jan 2021 17:52

Tgt Ion: 83 Resp: 225911
Ion Ratio Lower Upper
83 100
85 63.1 44.5 82.7
127 8.3 6.3 9.5

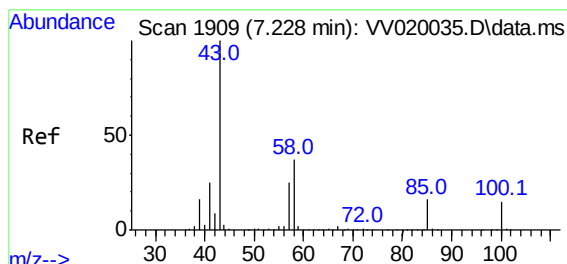
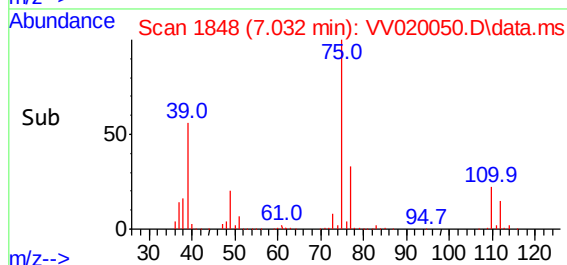
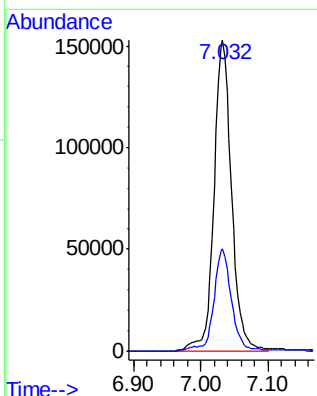
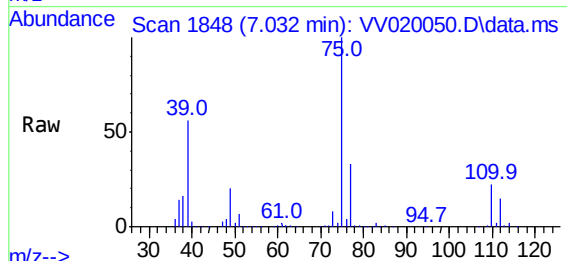




#39
cis-1,3-Dichloropropene
Concen: 52.42 ug/L
RT: 7.032 min Scan# 1848
Delta R.T. 0.003 min
Lab File: VV020050.D
Acq: 18 Jan 2021 17:52

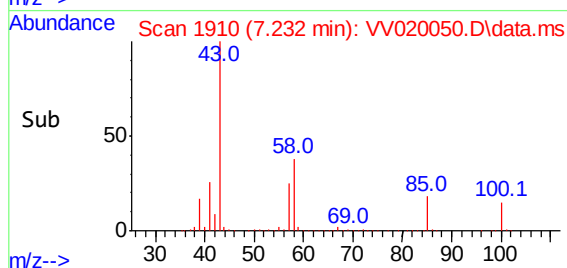
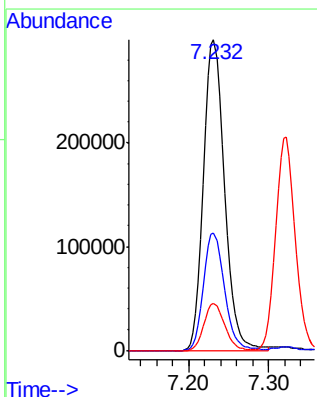
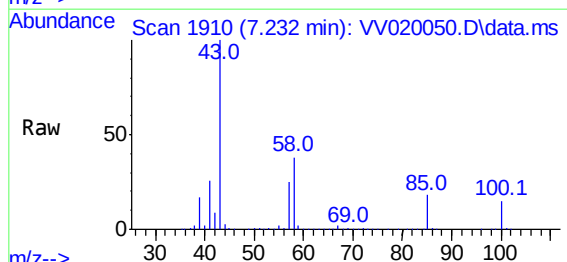
Instrument :
MSVOA_V
ClientSampleId :
VSTD05071

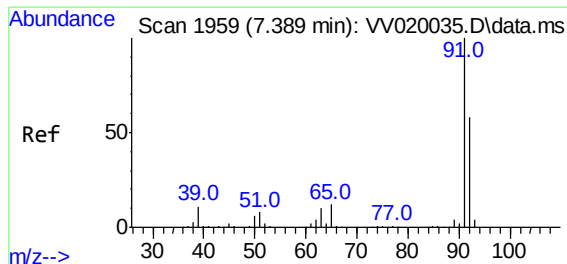
Tgt Ion: 75 Resp: 278410
Ion Ratio Lower Upper
75 100
77 32.7 21.8 40.6



#40
4-Methyl-2-pentanone
Concen: 100.62 ug/L
RT: 7.232 min Scan# 1910
Delta R.T. 0.003 min
Lab File: VV020050.D
Acq: 18 Jan 2021 17:52

Tgt Ion: 43 Resp: 524412
Ion Ratio Lower Upper
43 100
58 37.8 30.7 46.1
100 14.8 11.6 17.4

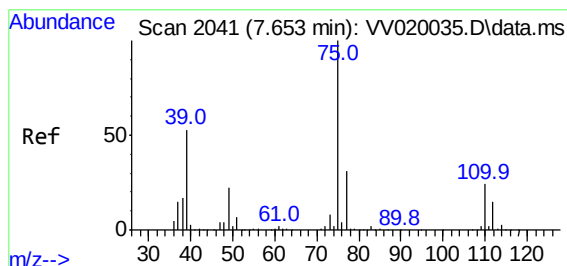
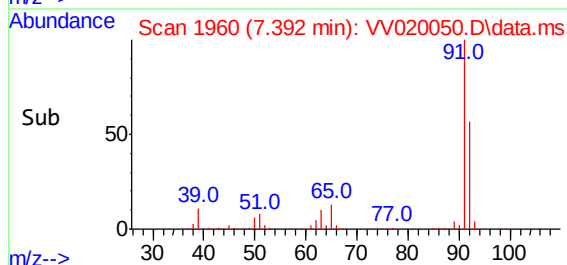
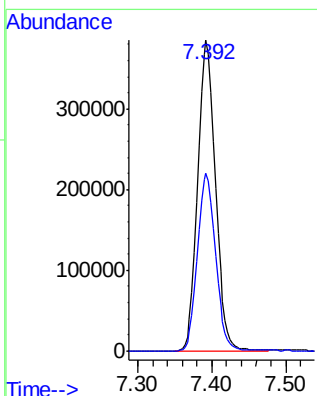
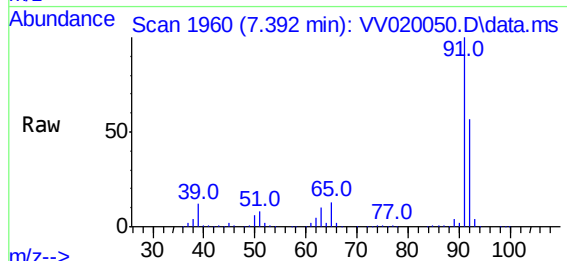




#42
Toluene
Concen: 46.43 ug/L
RT: 7.392 min Scan# 1960
Delta R.T. 0.003 min
Lab File: VV020050.D
Acq: 18 Jan 2021 17:52

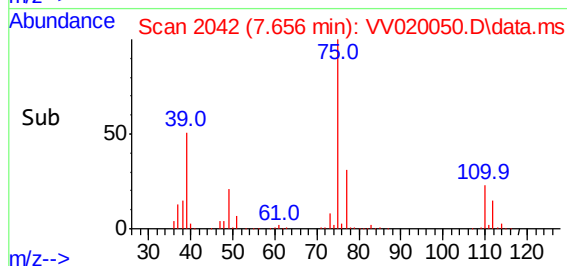
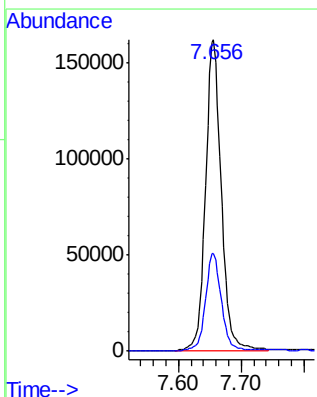
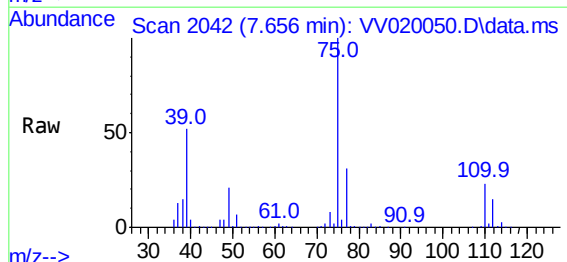
Instrument :
MSVOA_V
ClientSampleId :
VSTD05071

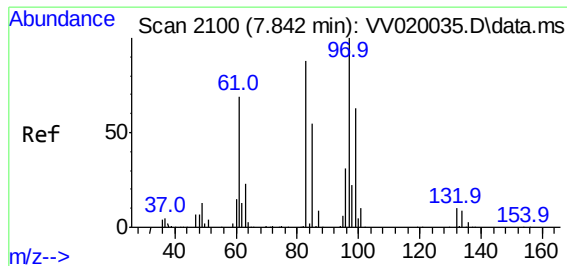
Tgt Ion: 91 Resp: 646498
Ion Ratio Lower Upper
91 100
92 57.3 40.7 75.7



#44
trans-1,3-Dichloropropene
Concen: 52.26 ug/L
RT: 7.656 min Scan# 2042
Delta R.T. 0.003 min
Lab File: VV020050.D
Acq: 18 Jan 2021 17:52

Tgt Ion: 75 Resp: 281614
Ion Ratio Lower Upper
75 100
77 31.4 22.0 41.0



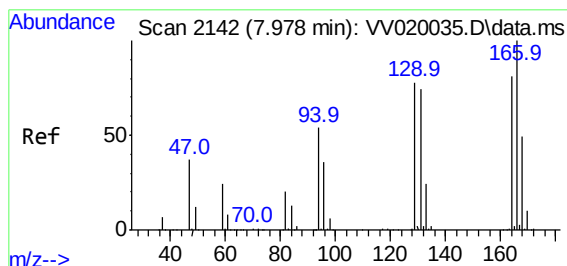
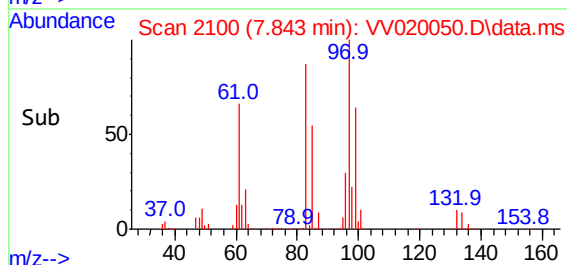
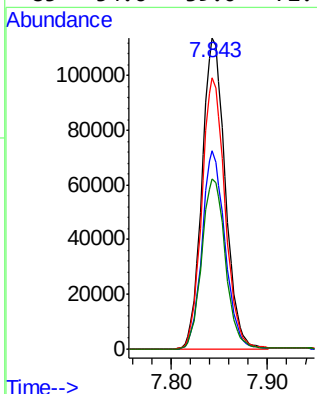
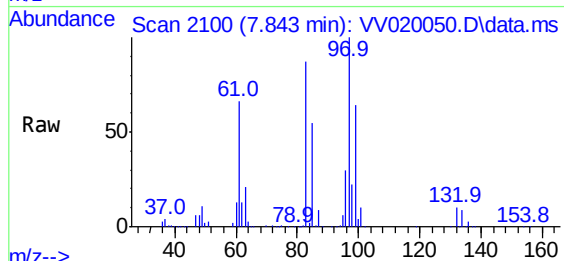


#45
1,1,2-Trichloroethane
Concen: 56.90 ug/L
RT: 7.843 min Scan# 2100
Delta R.T. 0.000 min
Lab File: VV020050.D
Acq: 18 Jan 2021 17:52

Instrument :
MSVOA_V
ClientSampleId :
VSTD05071

Tgt Ion: 97 Resp: 189692

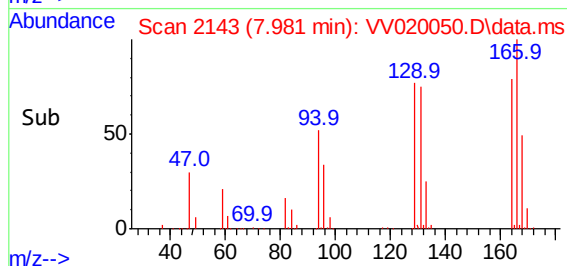
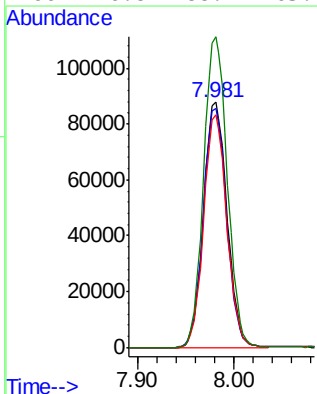
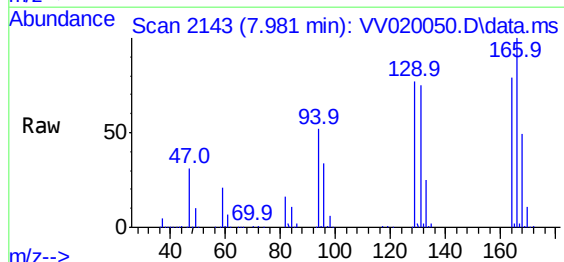
Ion	Ratio	Lower	Upper
97	100		
99	63.6	43.8	81.3
83	87.1	62.2	115.4
85	54.6	39.0	72.4

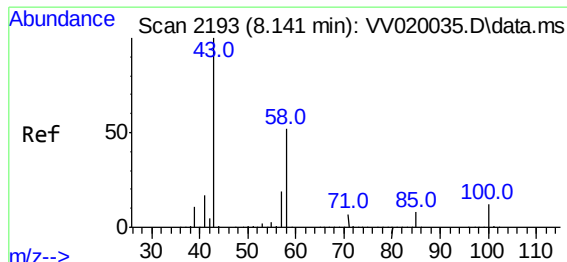


#46
Tetrachloroethene
Concen: 55.07 ug/L
RT: 7.981 min Scan# 2143
Delta R.T. 0.003 min
Lab File: VV020050.D
Acq: 18 Jan 2021 17:52

Tgt Ion: 164 Resp: 148171

Ion	Ratio	Lower	Upper
164	100		
129	97.7	70.6	131.0
131	95.0	66.8	124.0
166	126.8	88.2	163.8

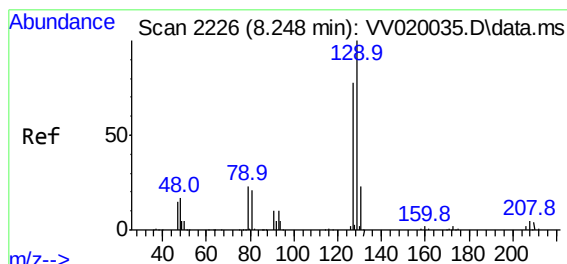
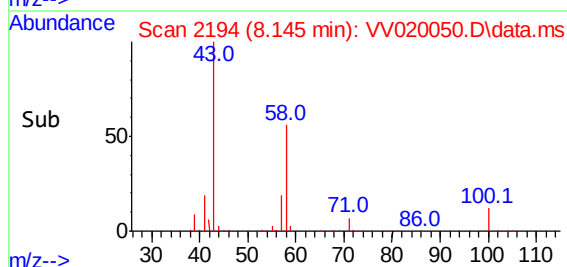
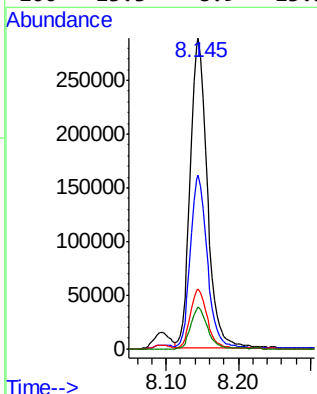
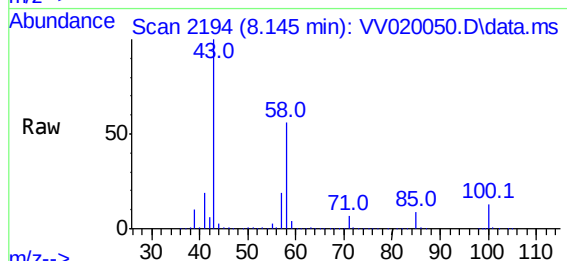




#48
2-Hexanone
Concen: 115.82 ug/L
RT: 8.145 min Scan# 2194
Delta R.T. 0.003 min
Lab File: VV020050.D
Acq: 18 Jan 2021 17:52

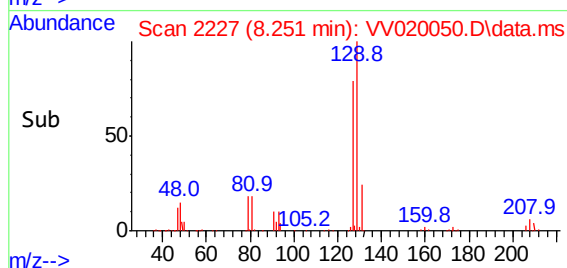
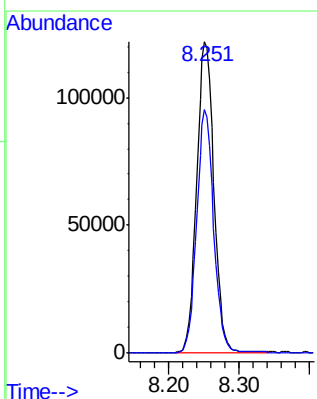
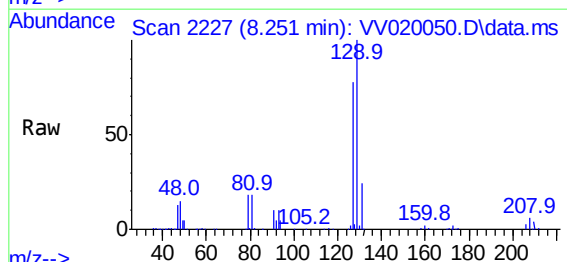
Instrument :
MSVOA_V
ClientSampleId :
VSTD05071

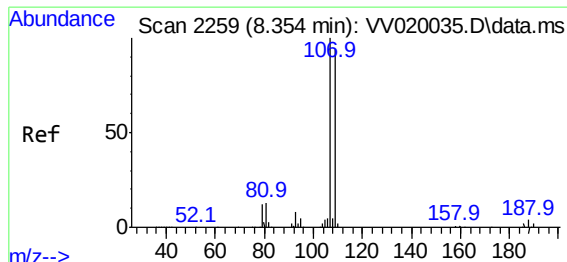
Tgt Ion: 43 Resp: 474836
Ion Ratio Lower Upper
43 100
58 55.2 41.8 62.6
57 19.1 15.0 22.4
100 13.3 8.9 13.3



#49
Dibromochloromethane
Concen: 55.81 ug/L
RT: 8.251 min Scan# 2227
Delta R.T. 0.003 min
Lab File: VV020050.D
Acq: 18 Jan 2021 17:52

Tgt Ion: 129 Resp: 205483
Ion Ratio Lower Upper
129 100
127 78.1 55.2 102.6

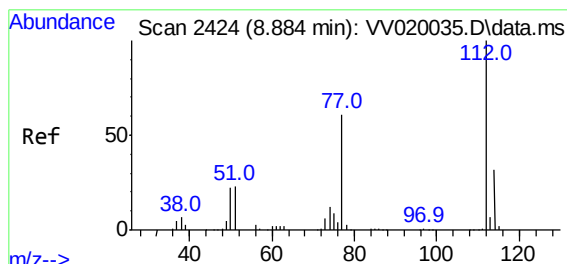
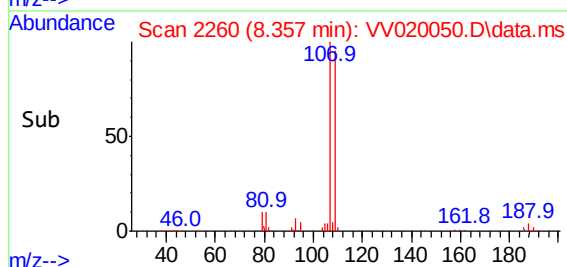
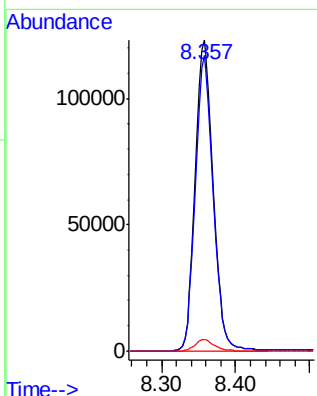
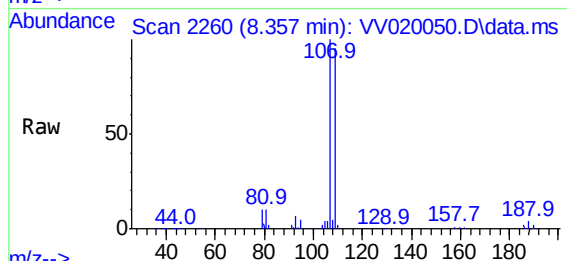




#50
1,2-Dibromoethane
Concen: 58.31 ug/L
RT: 8.357 min Scan# 2260
Delta R.T. 0.003 min
Lab File: VV020050.D
Acq: 18 Jan 2021 17:52

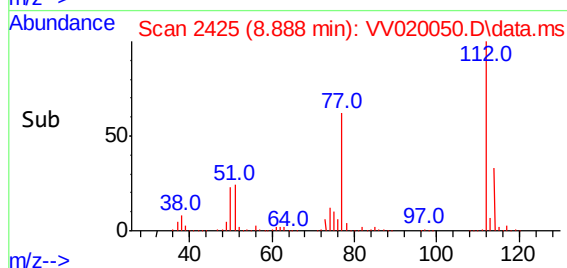
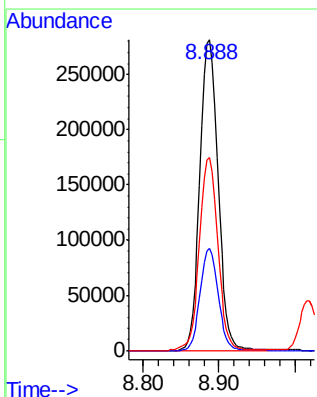
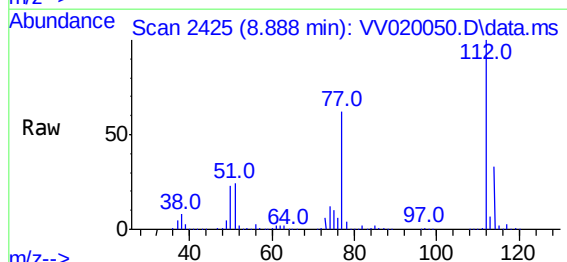
Instrument :
MSVOA_V
ClientSampleId :
VSTD05071

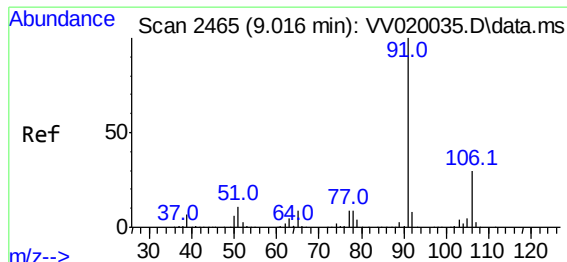
Tgt Ion:107 Resp: 208555
Ion Ratio Lower Upper
107 100
109 95.2 66.2 123.0
188 3.8 2.6 3.8



#51
Chlorobenzene
Concen: 50.40 ug/L
RT: 8.888 min Scan# 2425
Delta R.T. 0.003 min
Lab File: VV020050.D
Acq: 18 Jan 2021 17:52

Tgt Ion:112 Resp: 464842
Ion Ratio Lower Upper
112 100
114 32.9 22.2 41.2
77 62.1 49.0 73.6

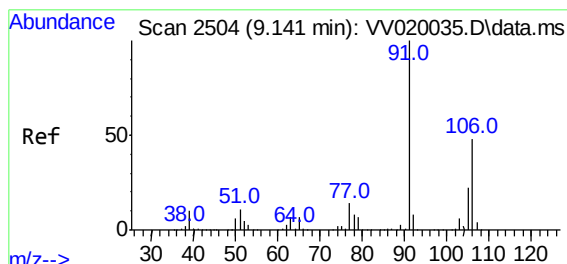
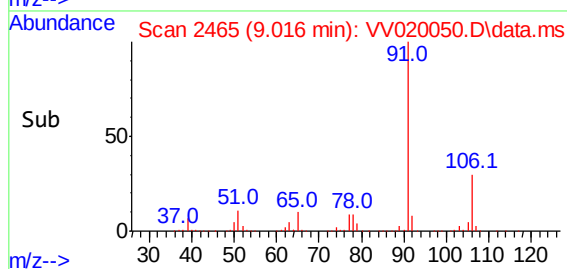
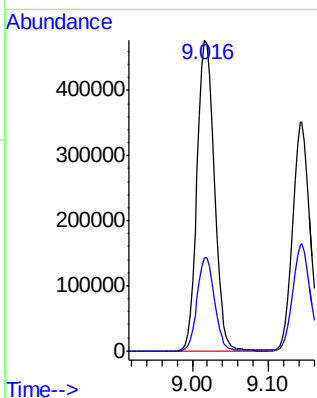
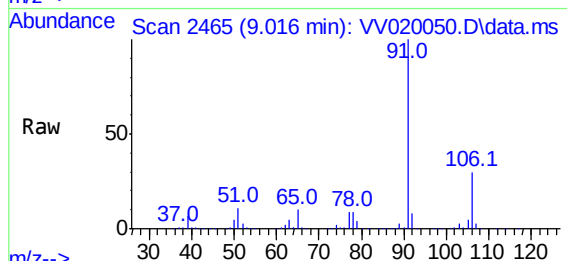




#52
Ethylbenzene
Concen: 47.41 ug/L
RT: 9.016 min Scan# 2465
Delta R.T. 0.000 min
Lab File: VV020050.D
Acq: 18 Jan 2021 17:52

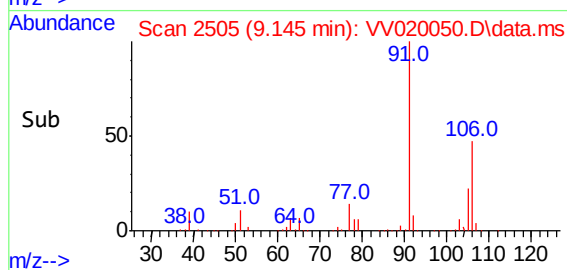
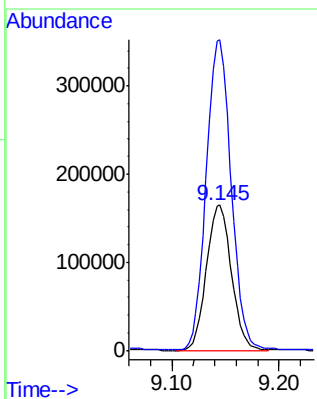
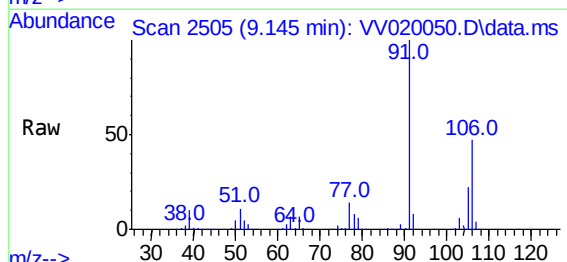
Instrument :
MSVOA_V
ClientSampleId :
VSTD05071

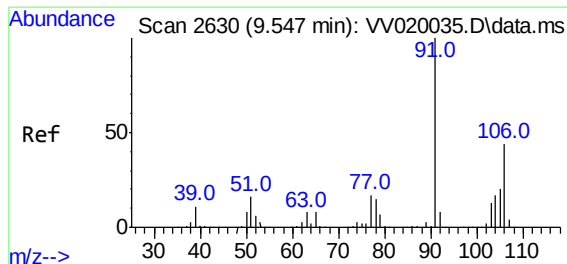
Tgt Ion: 91 Resp: 749823
Ion Ratio Lower Upper
91 100
106 29.8 21.0 39.0



#53
m,p-Xylene
Concen: 45.85 ug/L
RT: 9.145 min Scan# 2505
Delta R.T. 0.003 min
Lab File: VV020050.D
Acq: 18 Jan 2021 17:52

Tgt Ion: 106 Resp: 264841
Ion Ratio Lower Upper
106 100
91 213.7 148.1 275.0

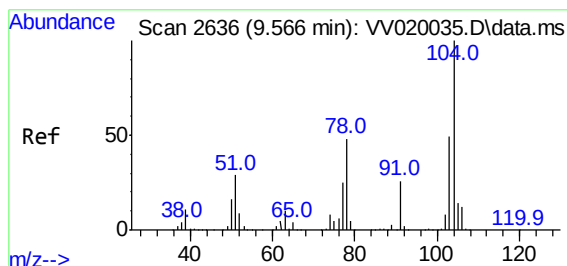
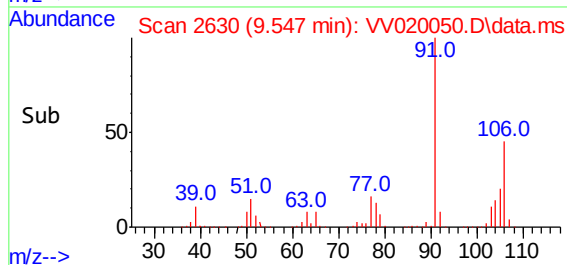
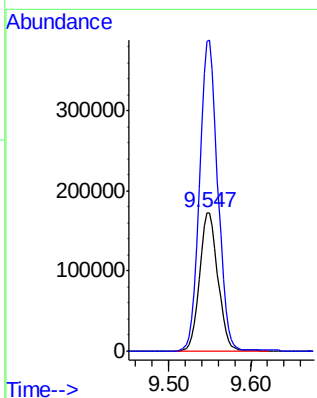
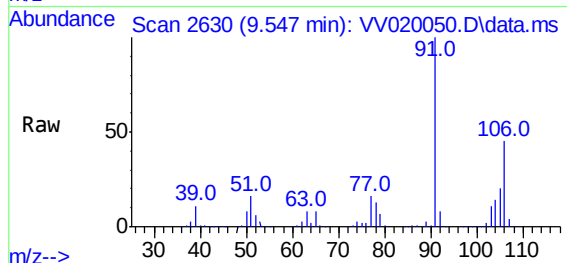




#54
o-xylene
Concen: 46.61 ug/L
RT: 9.547 min Scan# 2630
Delta R.T. 0.000 min
Lab File: VV020050.D
Acq: 18 Jan 2021 17:52

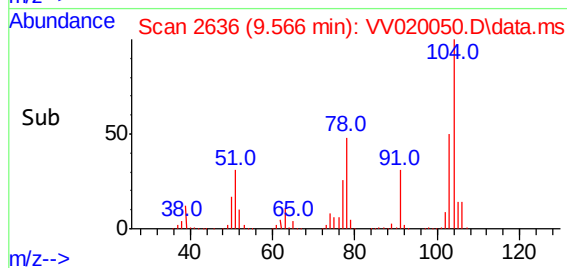
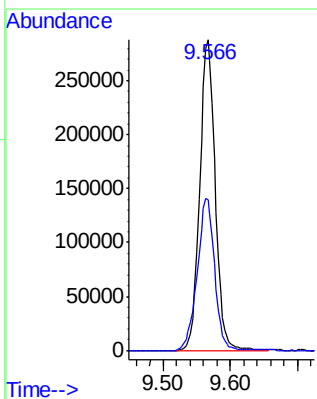
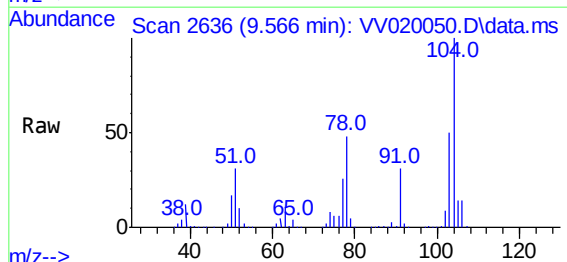
Instrument :
MSVOA_V
ClientSampled :
VSTD05071

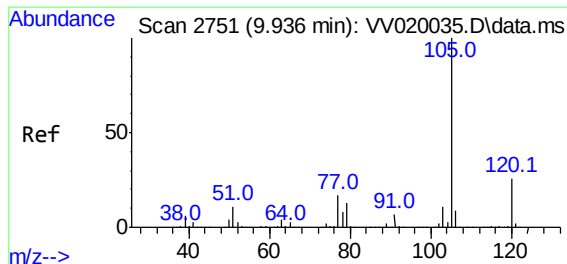
Tgt Ion:106 Resp: 265067
Ion Ratio Lower Upper
106 100
91 223.7 156.4 290.6



#55
Styrene
Concen: 46.93 ug/L
RT: 9.566 min Scan# 2636
Delta R.T. 0.000 min
Lab File: VV020050.D
Acq: 18 Jan 2021 17:52

Tgt Ion:104 Resp: 461310
Ion Ratio Lower Upper
104 100
78 48.3 33.7 62.5

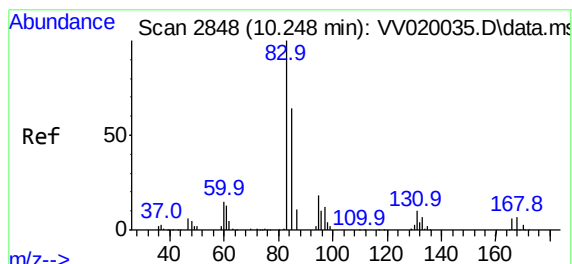
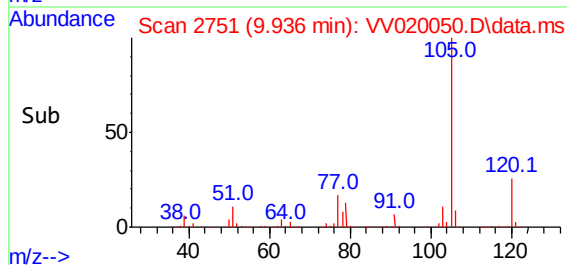
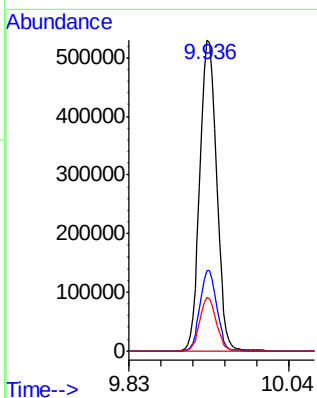
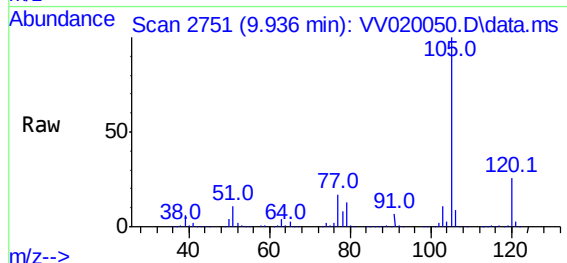




#56
Isopropylbenzene
Concen: 52.24 ug/L
RT: 9.936 min Scan# 2751
Delta R.T. 0.000 min
Lab File: VV020050.D
Acq: 18 Jan 2021 17:52

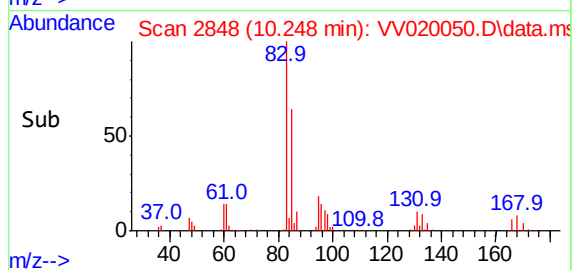
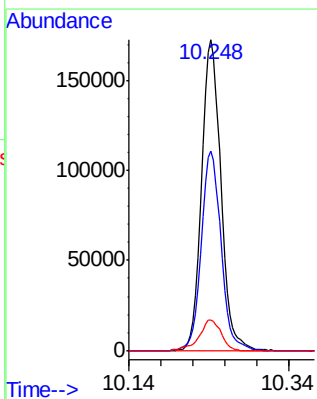
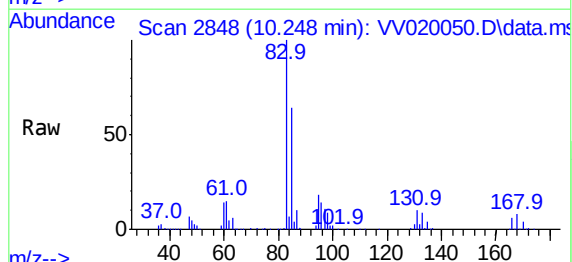
Instrument :
MSVOA_V
ClientSampled :
VSTD05071

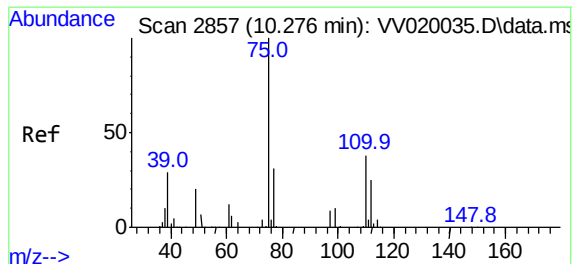
Tgt Ion:105 Resp: 803455
Ion Ratio Lower Upper
105 100
120 25.9 20.5 30.7
77 16.9 13.6 20.4



#58
1,1,2,2-Tetrachloroethane
Concen: 53.13 ug/L
RT: 10.248 min Scan# 2848
Delta R.T. 0.000 min
Lab File: VV020050.D
Acq: 18 Jan 2021 17:52

Tgt Ion: 83 Resp: 277301
Ion Ratio Lower Upper
83 100
85 64.3 44.3 82.3
131 9.9 7.3 10.9

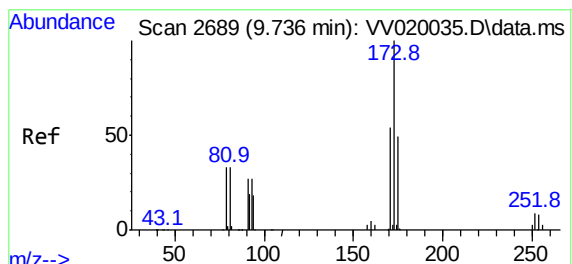
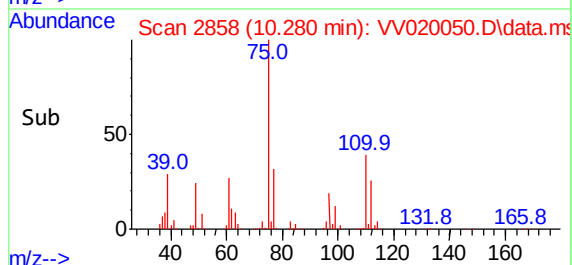
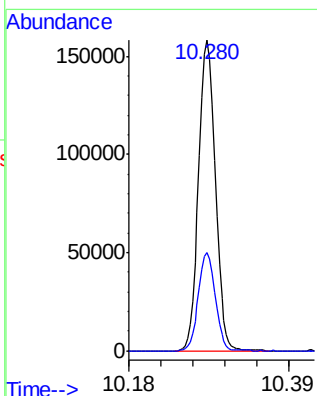
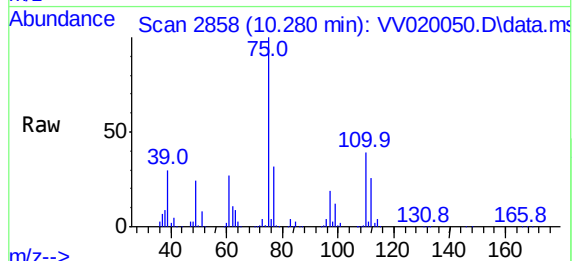




#59
1,2,3-Trichloropropane
Concen: 52.32 ug/L
RT: 10.280 min Scan# 2858
Delta R.T. 0.003 min
Lab File: VV020050.D
Acq: 18 Jan 2021 17:52

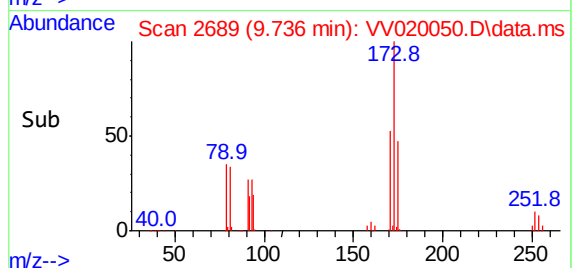
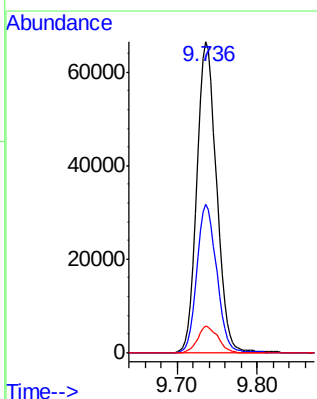
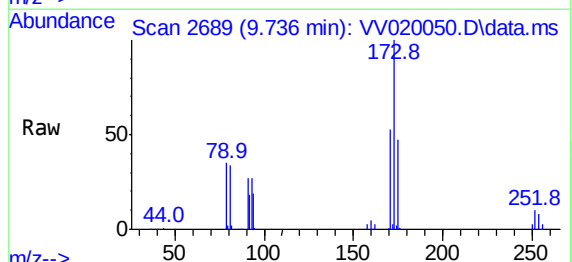
Instrument :
MSVOA_V
ClientSampled :
VSTD05071

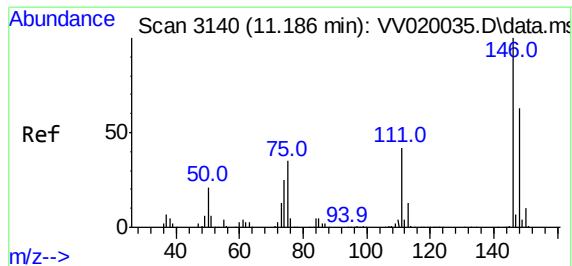
Tgt Ion: 75 Resp: 241362
Ion Ratio Lower Upper
75 100
77 32.0 25.4 38.0



#61
Bromoform
Concen: 43.13 ug/L
RT: 9.736 min Scan# 2689
Delta R.T. 0.000 min
Lab File: VV020050.D
Acq: 18 Jan 2021 17:52

Tgt Ion: 173 Resp: 109947
Ion Ratio Lower Upper
173 100
175 47.7 38.6 57.8
254 8.4 6.5 9.7

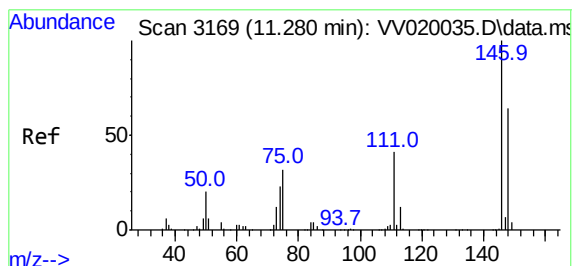
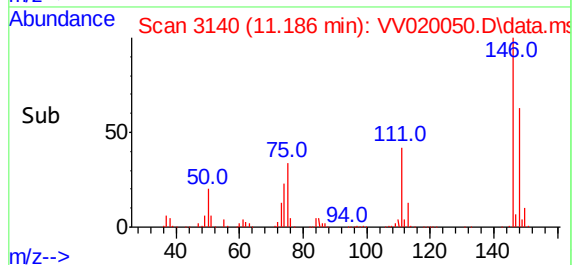
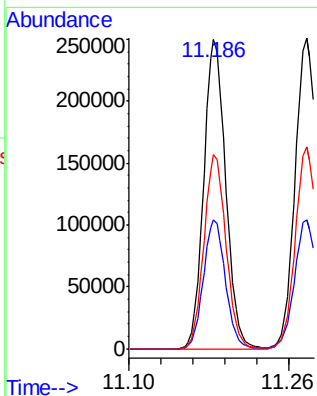
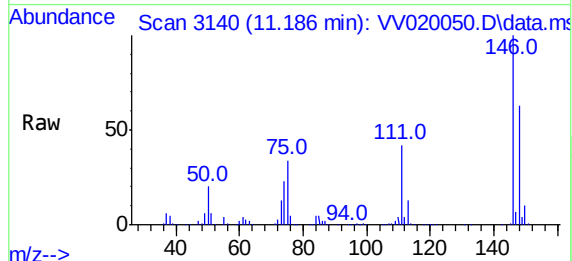




#62
1,3-Dichlorobenzene
Concen: 50.83 ug/L
RT: 11.186 min Scan# 3140
Delta R.T. 0.000 min
Lab File: VV020050.D
Acq: 18 Jan 2021 17:52

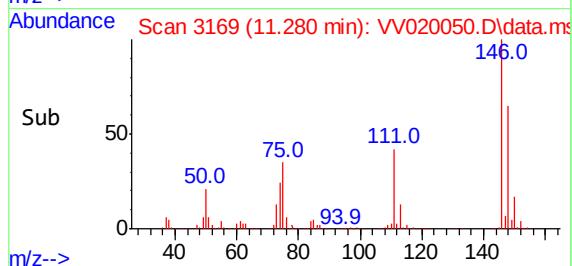
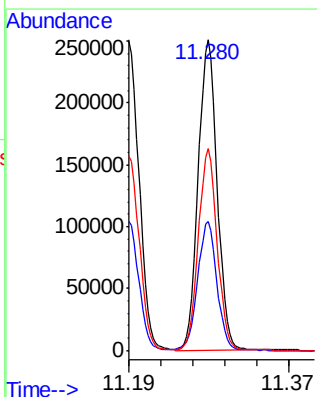
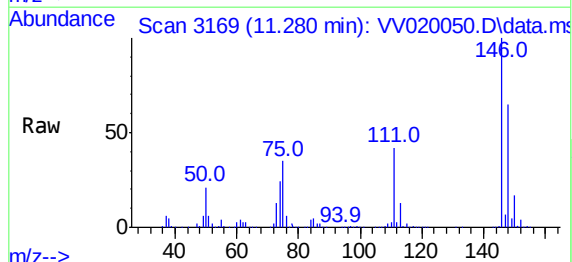
Instrument :
MSVOA_V
ClientSampled :
VSTD05071

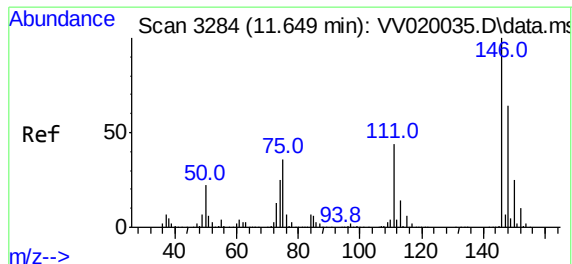
Tgt Ion:146 Resp: 381900
Ion Ratio Lower Upper
146 100
111 41.8 30.2 56.2
148 62.6 45.0 83.6



#63
1,4-Dichlorobenzene
Concen: 50.20 ug/L
RT: 11.280 min Scan# 3169
Delta R.T. 0.000 min
Lab File: VV020050.D
Acq: 18 Jan 2021 17:52

Tgt Ion:146 Resp: 387003
Ion Ratio Lower Upper
146 100
111 41.6 29.4 54.6
148 64.9 44.7 83.1

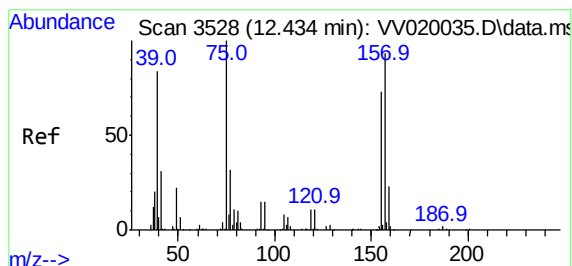
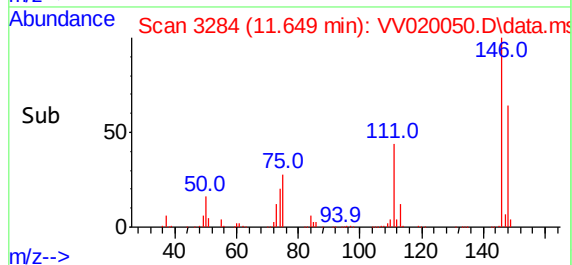
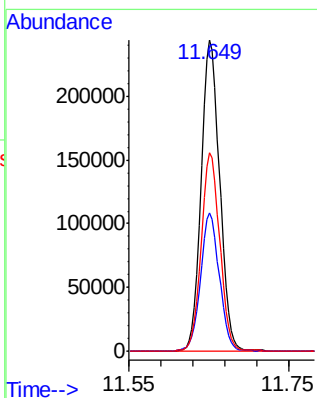
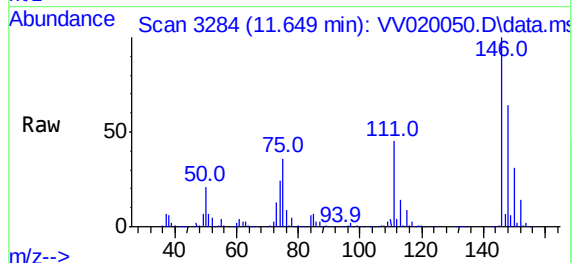




#65
1,2-Dichlorobenzene
Concen: 50.11 ug/L
RT: 11.649 min Scan# 3284
Delta R.T. 0.000 min
Lab File: VV020050.D
Acq: 18 Jan 2021 17:52

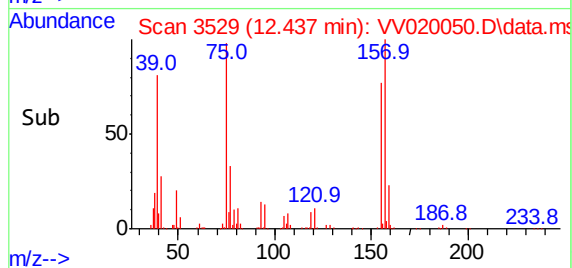
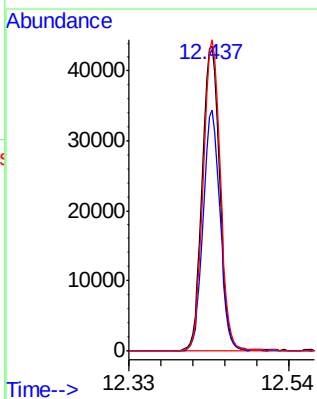
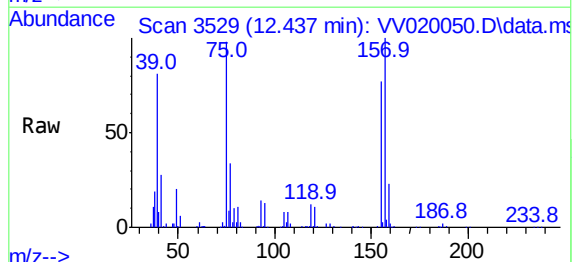
Instrument :
MSVOA_V
ClientSampleId :
VSTD05071

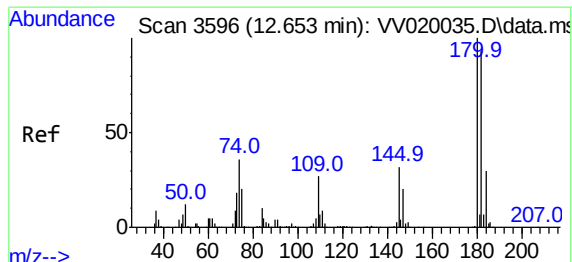
Tgt Ion:146 Resp: 379297
Ion Ratio Lower Upper
146 100
111 44.6 36.3 54.5
148 63.8 51.7 77.5



#66
1,2-Dibromo-3-chloropropane
Concen: 51.87 ug/L
RT: 12.437 min Scan# 3529
Delta R.T. 0.003 min
Lab File: VV020050.D
Acq: 18 Jan 2021 17:52

Tgt Ion: 75 Resp: 68279
Ion Ratio Lower Upper
75 100
155 78.8 59.1 88.7
157 102.1 75.4 113.0

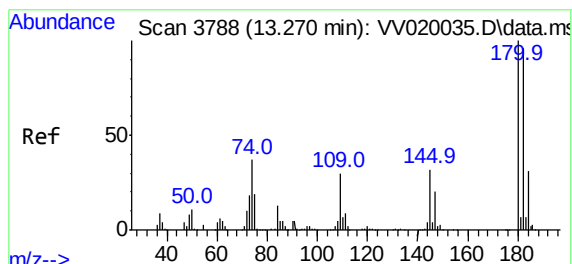
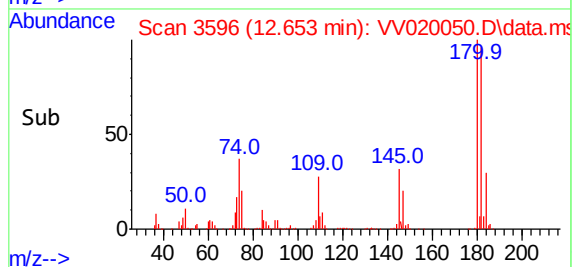
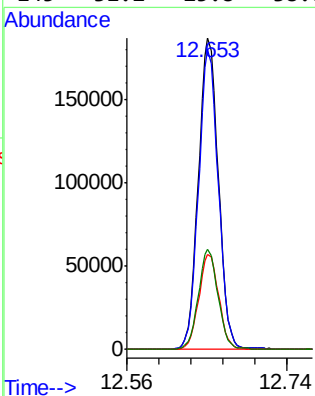
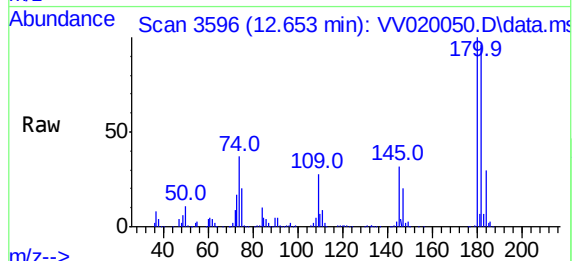




#67
1,3,5-Trichlorobenzene
Concen: 50.40 ug/L
RT: 12.653 min Scan# 3596
Delta R.T. 0.000 min
Lab File: VV020050.D
Acq: 18 Jan 2021 17:52

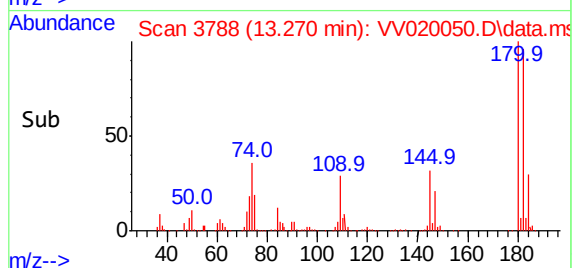
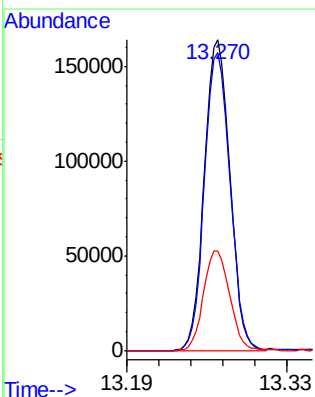
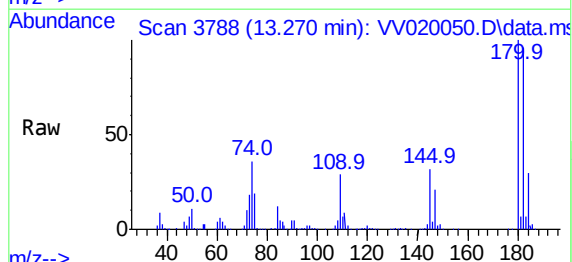
Instrument :
MSVOA_V
ClientSampleId :
VSTD05071

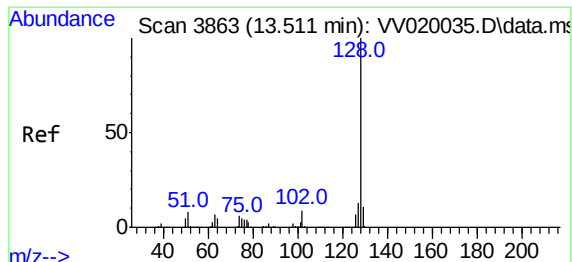
Tgt Ion:180 Resp: 284382
Ion Ratio Lower Upper
180 100
182 95.3 75.0 112.6
184 30.2 24.0 36.0
145 31.2 25.8 38.6



#68
1,2,4-trichlorobenzene
Concen: 50.21 ug/L
RT: 13.270 min Scan# 3788
Delta R.T. 0.000 min
Lab File: VV020050.D
Acq: 18 Jan 2021 17:52

Tgt Ion:180 Resp: 250445
Ion Ratio Lower Upper
180 100
182 96.4 75.1 112.7
145 32.8 26.8 40.2

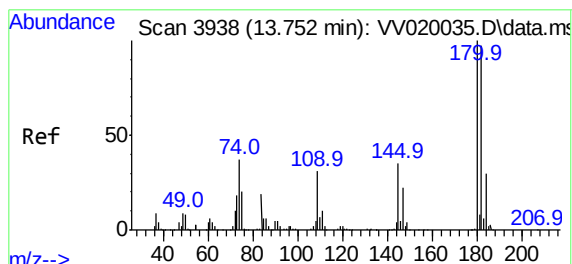
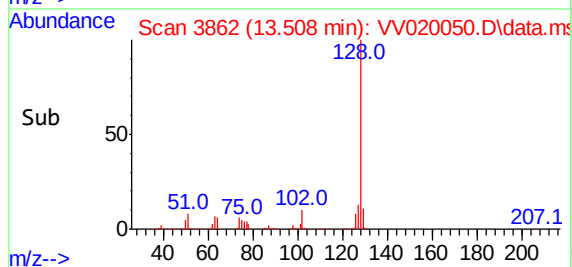
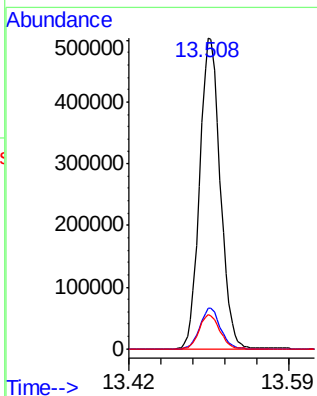
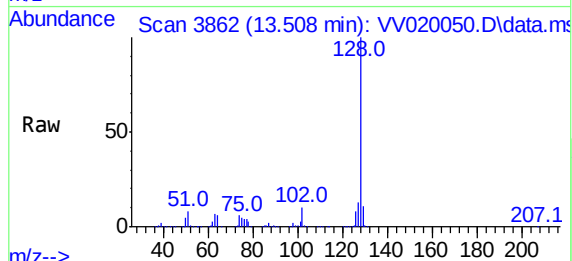




#69
Naphthalene
Concen: 53.55 ug/L
RT: 13.508 min Scan# 3862
Delta R.T. -0.003 min
Lab File: VV020050.D
Acq: 18 Jan 2021 17:52

Instrument :
MSVOA_V
ClientSampleId :
VSTD05071

Tgt Ion:128 Resp: 772633
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.0 8.6 13.0



#70
1,2,3-Trichlorobenzene
Concen: 51.61 ug/L
RT: 13.752 min Scan# 3938
Delta R.T. 0.000 min
Lab File: VV020050.D
Acq: 18 Jan 2021 17:52

Tgt Ion:180 Resp: 249907
Ion Ratio Lower Upper
180 100
182 95.6 76.1 114.1
145 34.8 27.9 41.9

