

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012621\
 Data File : VW020162.D
 Acq On : 25 Jan 2021 17:56
 Operator : SY/MD
 Sample : VSTD20065
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 25 18:14:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM012621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jan 25 17:43:44 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	445219	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.858	117	494178	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.257	152	261439	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.306	65	758921	214.87	ug/L	0.00
7) Chloroethane-d5	1.569	69	585045	210.19	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.106	63	1288457	197.22	ug/L	0.00
21) 2-Butanone-d5	3.888	46	976522	492.66	ug/L	0.00
24) Chloroform-d	4.351	84	1293135	200.37	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.035	65	870491	193.96	ug/L	0.00
32) Benzene-d6	5.051	84	2418824	179.58	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.074	67	802024	197.76	ug/L	0.00
41) Toluene-d8	7.318	98	2222906	178.02	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.624	79	422238	186.92	ug/L	0.00
47) 2-Hexanone-d5	8.090	63	764991	462.62	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.222	84	1189195	211.61	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.633	152	1022092	196.96	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.129	85	665084	235.43	ug/L	100
3) Chloromethane	1.241	50	851538	273.99	ug/L	100
5) Vinyl chloride	1.312	62	744775	240.78	ug/L	99
6) Bromomethane	1.521	94	332217	173.94	ug/L	99
8) Chloroethane	1.585	64	465011	229.15	ug/L	99
9) Trichlorofluoromethane	1.749	101	1049180	212.93	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.116	101	550859	225.98	ug/L	96
12) 1,1-Dichloroethene	2.116	96	548129	219.07	ug/L	94
13) Acetone	2.183	43	648773	437.38	ug/L	99
14) Carbon disulfide	2.293	76	1577529	226.37	ug/L	100
15) Methyl Acetate	2.431	43	689519	238.13	ug/L	98
16) Methylene chloride	2.505	84	619069	215.35	ug/L	97
17) trans-1,2-Dichloroethene	2.759	96	579721	220.80	ug/L	97
18) Methyl tert-butyl Ether	2.769	73	1990117	218.21	ug/L	99
19) 1,1-Dichloroethane	3.190	63	1126204	218.07	ug/L	99
20) cis-1,2-Dichloroethene	3.913	96	645530	222.22	ug/L	99
22) 2-Butanone	3.971	43	995593	519.04	ug/L	98
23) Bromochloromethane	4.248	128	328136	208.67	ug/L	91
25) Chloroform	4.376	83	1183241	215.24	ug/L	100
27) 1,2-Dichloroethane	5.132	62	1000470	213.38	ug/L	100
29) Cyclohexane	4.682	56	925587	219.02	ug/L	99
30) 1,1,1-Trichloroethane	4.611	97	1059184	187.66	ug/L	98
31) Carbon tetrachloride	4.830	117	895744	185.68	ug/L	99
33) Benzene	5.103	78	2412737	197.21	ug/L	100
34) Trichloroethene	5.916	95	636182	192.86	ug/L	97
35) Methylcyclohexane	6.135	83	990554	242.68	ug/L	99
37) 1,2-Dichloropropane	6.177	63	645957	197.28	ug/L	98
38) Bromodichloromethane	6.511	83	926003	198.50	ug/L	99
39) cis-1,3-Dichloropropene	7.029	75	1151502	222.15	ug/L	100
40) 4-Methyl-2-pentanone	7.228	43	1999917	444.63	ug/L	99
42) Toluene	7.392	91	2592049	196.94	ug/L	99
44) trans-1,3-Dichloropropene	7.653	75	1086193	204.28	ug/L	99

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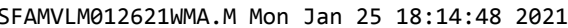
Instrument :
 MSVOA_V
 ClientSampleId :

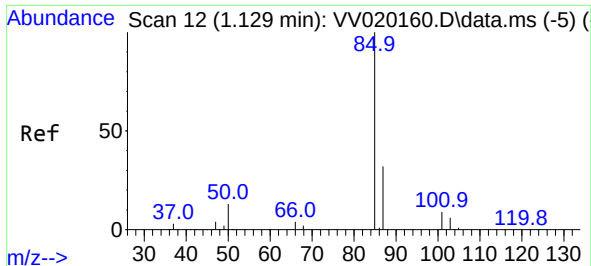
Quant Time: Jan 25 18:14:38 2021
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 Quant Title : VOC Analysis
 QLast Update : Mon Jan 25 17:43:44 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.842	97	625725	194.49	ug/L	97
46) Tetrachloroethene	7.981	164	471364	176.78	ug/L	95
48) 2-Hexanone	8.141	43	1586621	455.74	ug/L	99
49) Dibromochloromethane	8.251	129	763500	201.54	ug/L	99
50) 1,2-Dibromoethane	8.357	107	744584	220.07	ug/L #	99
51) Chlorobenzene	8.884	112	1883915	212.26	ug/L	99
52) Ethylbenzene	9.016	91	3244245	221.67	ug/L	100
53) m,p-Xylene	9.141	106	1221356	223.46	ug/L	97
54) o-Xylene	9.550	106	1216950	222.45	ug/L	100
55) Styrene	9.566	104	2166300	222.24	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.247	83	1161213	231.76	ug/L	99
59) Bromoform	9.736	173	574963	197.72	ug/L	98
60) Isopropylbenzene	9.936	105	3198249	222.01	ug/L	99
61) 1,2,3-Trichloropropane	10.280	75	929293	220.85	ug/L	98
62) 1,3,5-Trimethylbenzene	10.546	105	2783898	232.34	ug/L	99
63) 1,2,4-Trimethylbenzene	10.919	105	2848452	247.01	ug/L	99
64) 1,3-Dichlorobenzene	11.186	146	1550431	216.33	ug/L	98
65) 1,4-Dichlorobenzene	11.280	146	1573441	212.12	ug/L	98
67) 1,2-Dichlorobenzene	11.652	146	1562072	213.70	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.437	75	302482	246.03	ug/L	98
69) 1,3,5-Trichlorobenzene	12.656	180	1187373	229.08	ug/L	98
70) 1,2,4-trichlorobenzene	13.270	180	1139523	231.72	ug/L	98
71) Naphthalene	13.511	128	3793246	257.68	ug/L	99
72) 1,2,3-Trichlorobenzene	13.752	180	1082456	214.97	ug/L	97

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

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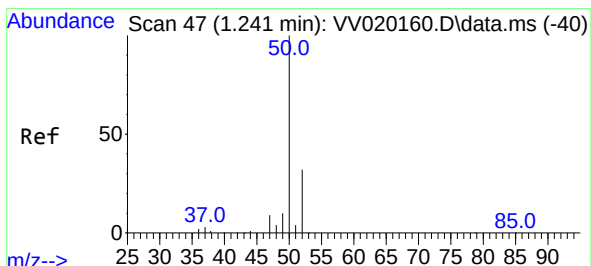
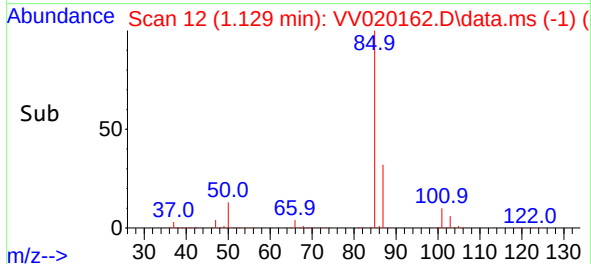
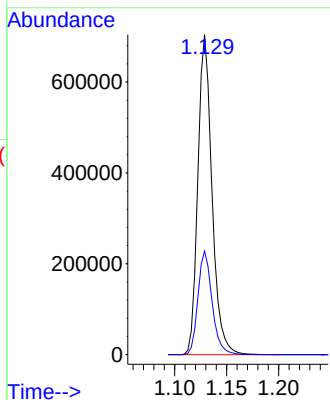
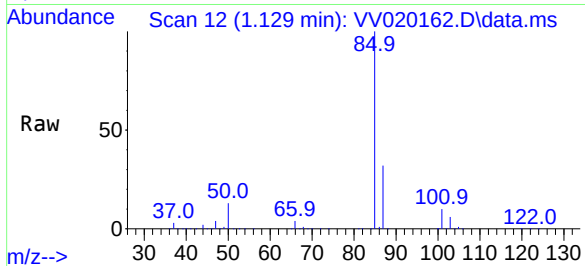




#2
Dichlorodifluoromethane
Concen: 235.43 ug/L
RT: 1.129 min Scan# 12
Delta R.T. -0.000 min
Lab File: VV020162.D
Acq: 25 Jan 2021 17:56

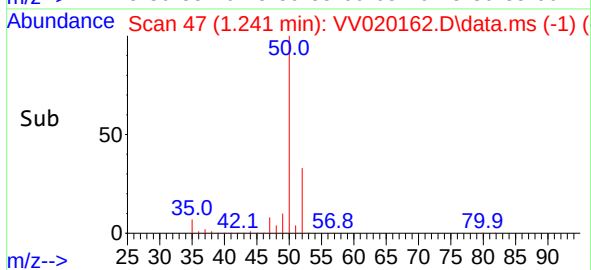
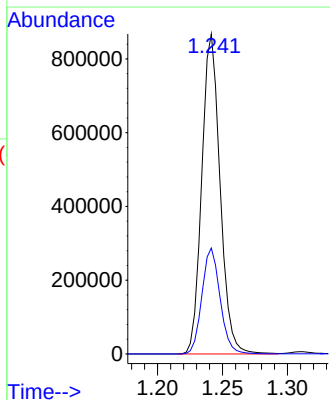
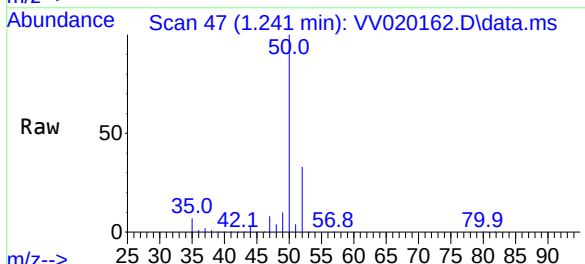
Instrument :
MSVOA_V
ClientSampled :

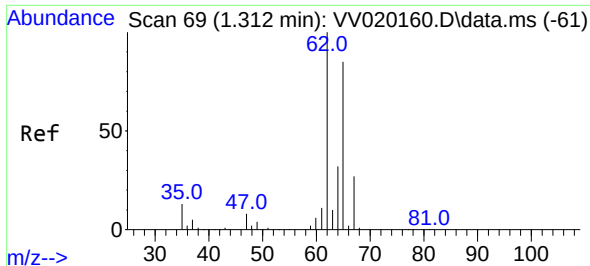
Tgt Ion: 85 Resp: 665084
Ion Ratio Lower Upper
85 100
87 32.4 25.9 38.9



#3
Chloromethane
Concen: 273.99 ug/L
RT: 1.241 min Scan# 47
Delta R.T. -0.000 min
Lab File: VV020162.D
Acq: 25 Jan 2021 17:56

Tgt Ion: 50 Resp: 851538
Ion Ratio Lower Upper
50 100
52 33.1 23.0 42.6

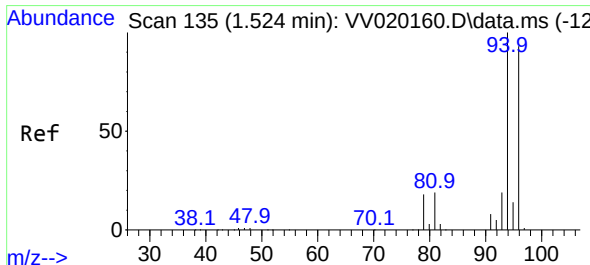
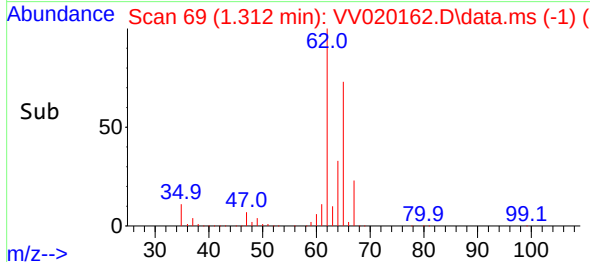
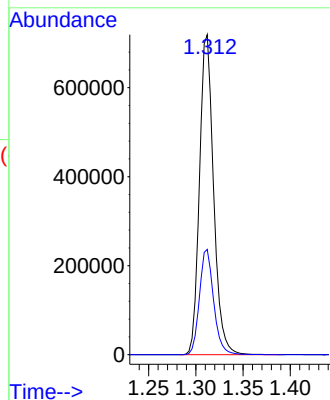
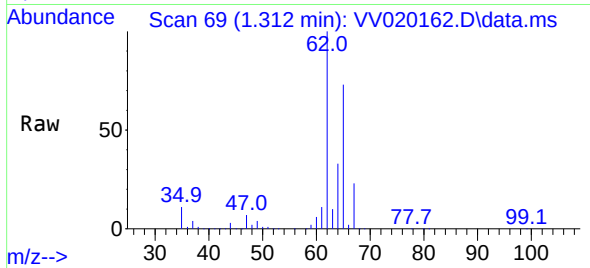




#5
 Vinyl chloride
 Concen: 240.78 ug/L
 RT: 1.312 min Scan# 69
 Delta R.T. -0.000 min
 Lab File: VV020162.D
 Acq: 25 Jan 2021 17:56

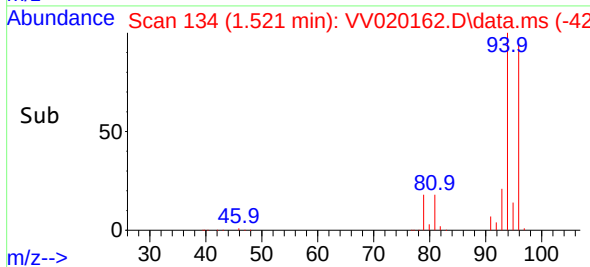
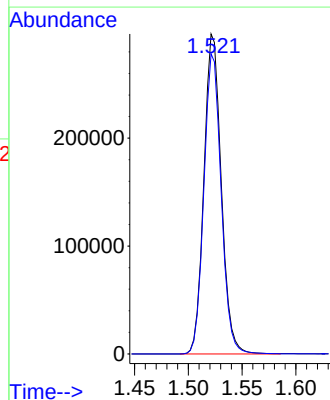
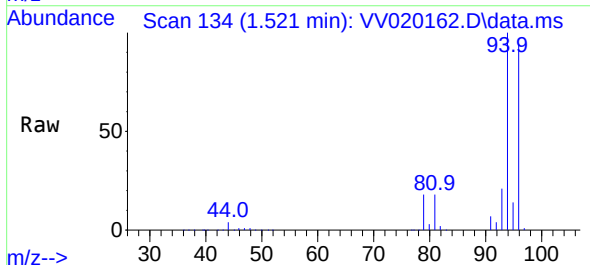
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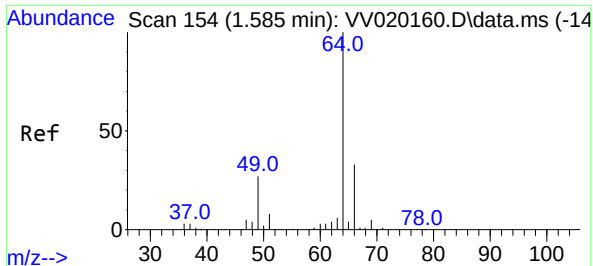
Tgt Ion: 62 Resp: 744775
 Ion Ratio Lower Upper
 62 100
 64 32.9 23.3 43.3



#6
 Bromomethane
 Concen: 173.94 ug/L
 RT: 1.521 min Scan# 134
 Delta R.T. -0.003 min
 Lab File: VV020162.D
 Acq: 25 Jan 2021 17:56

Tgt Ion: 94 Resp: 332217
 Ion Ratio Lower Upper
 94 100
 96 93.8 66.4 123.2

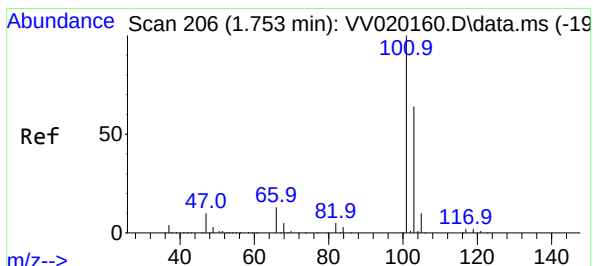
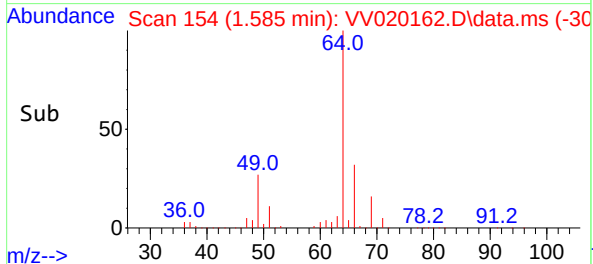
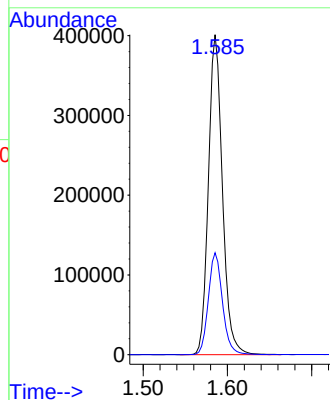
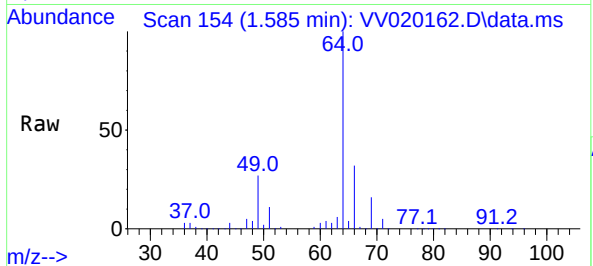




#8
Chloroethane
Concen: 229.15 ug/L
RT: 1.585 min Scan# 154
Delta R.T. -0.000 min
Lab File: VV020162.D
Acq: 25 Jan 2021 17:56

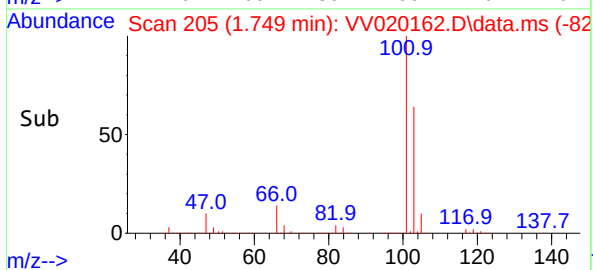
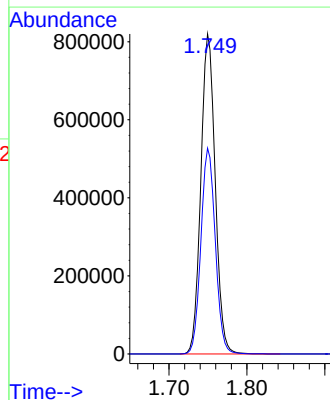
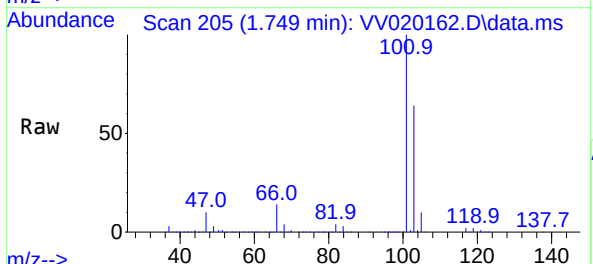
Instrument :
MSVOA_V
ClientSampled :

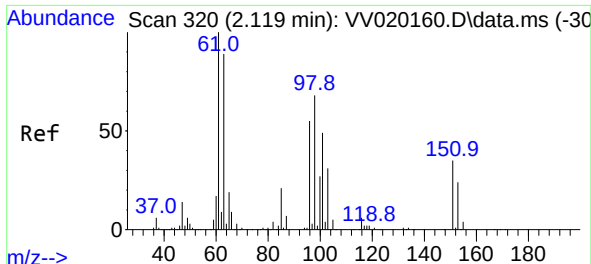
Tgt Ion: 64 Resp: 465011
Ion Ratio Lower Upper
64 100
66 31.9 22.5 41.9



#9
Trichlorofluoromethane
Concen: 212.93 ug/L
RT: 1.749 min Scan# 205
Delta R.T. -0.003 min
Lab File: VV020162.D
Acq: 25 Jan 2021 17:56

Tgt Ion:101 Resp: 1049180
Ion Ratio Lower Upper
101 100
103 64.4 52.3 78.5





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 225.98 ug/L

RT: 2.116 min Scan# 319

Delta R.T. -0.003 min

Lab File: VV020162.D

Acq: 25 Jan 2021 17:56

Tgt Ion:101 Resp: 550859

Ion Ratio Lower Upper

101 100

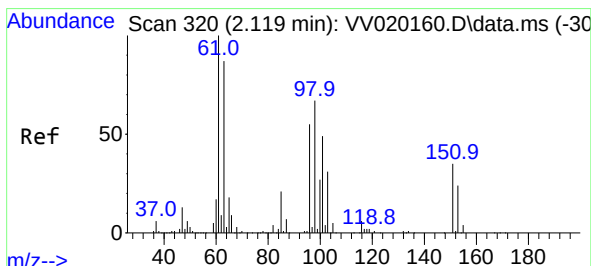
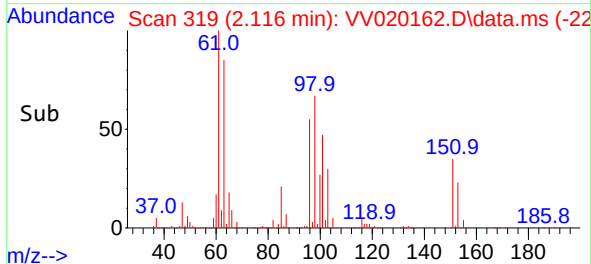
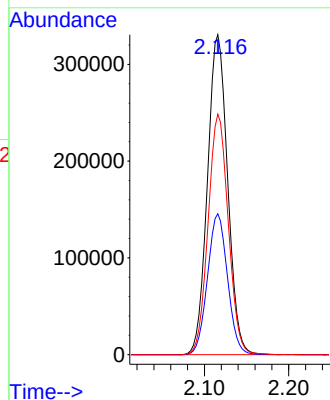
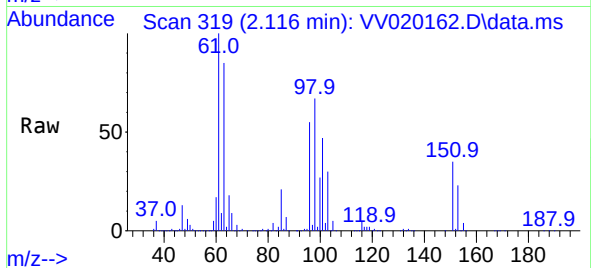
85 43.7 35.6 53.4

151 75.2 64.1 96.1

Instrument :

MSVOA_V

ClientSampleId :



#12

1,1-Dichloroethene

Concen: 219.07 ug/L

RT: 2.116 min Scan# 319

Delta R.T. -0.003 min

Lab File: VV020162.D

Acq: 25 Jan 2021 17:56

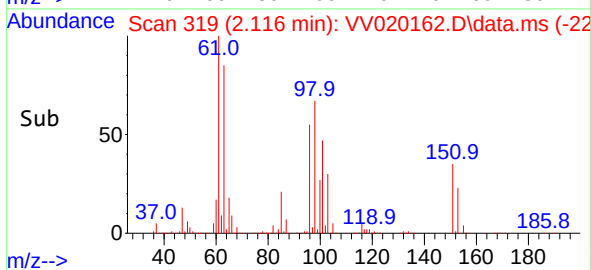
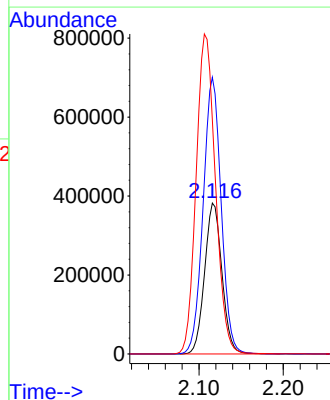
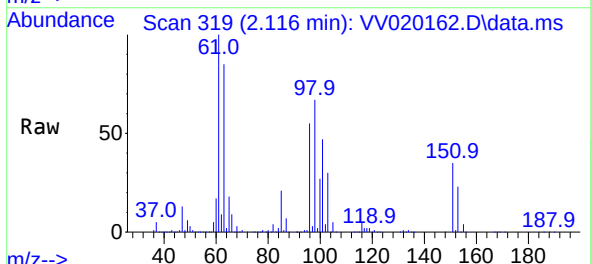
Tgt Ion: 96 Resp: 548129

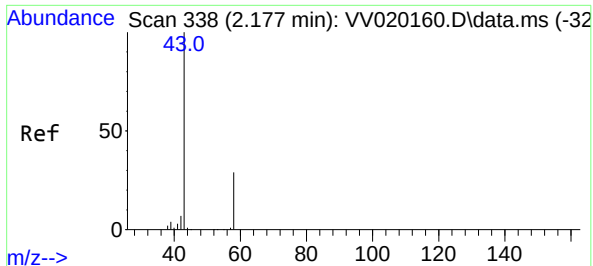
Ion Ratio Lower Upper

96 100

61 183.4 133.6 248.0

63 155.0 103.0 191.2

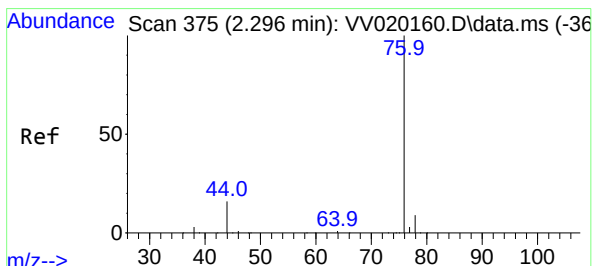
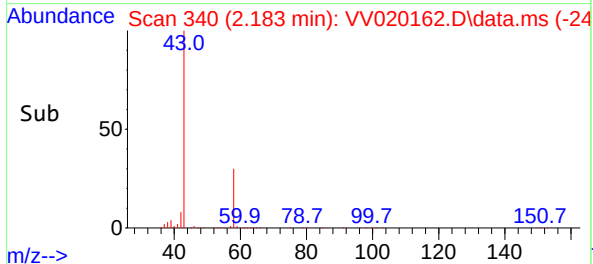
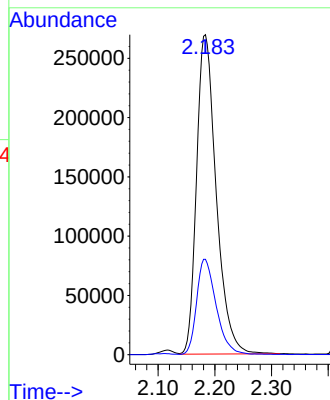
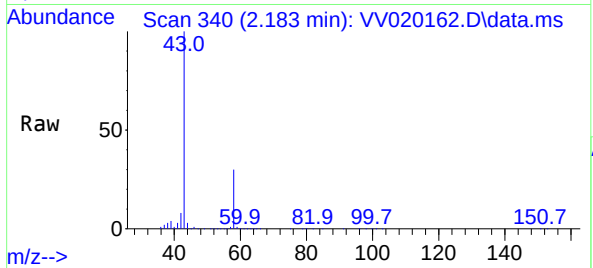




#13
Acetone
Concen: 437.38 ug/L
RT: 2.183 min Scan# 340
Delta R.T. 0.006 min
Lab File: VV020162.D
Acq: 25 Jan 2021 17:56

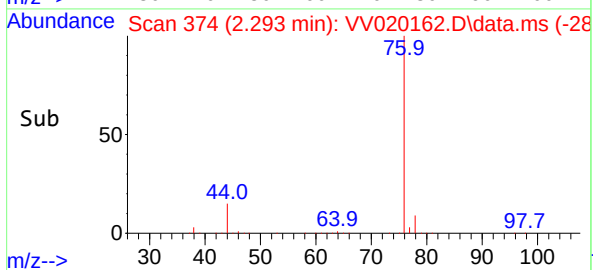
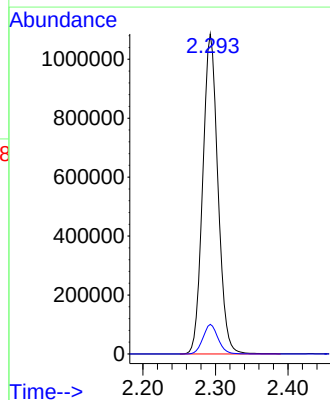
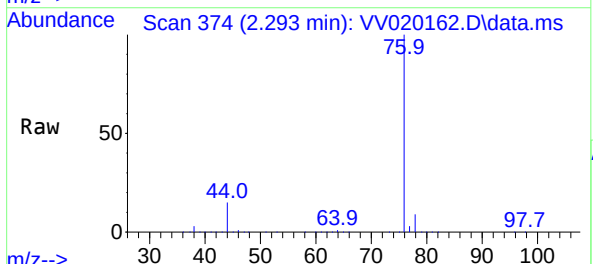
Instrument :
MSVOA_V
ClientSampled :

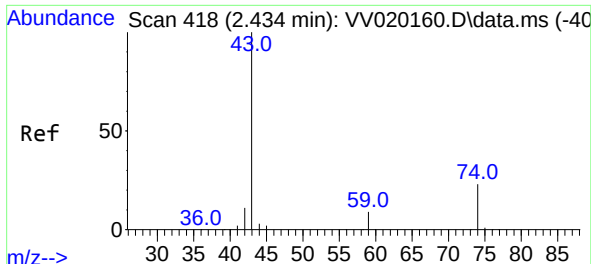
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Ion Ratio Lower Upper
43 100
58 29.4 0.0 57.8



#14
Carbon disulfide
Concen: 226.37 ug/L
RT: 2.293 min Scan# 374
Delta R.T. -0.003 min
Lab File: VV020162.D
Acq: 25 Jan 2021 17:56

Tgt Ion: 76 Resp: 1577529
Ion Ratio Lower Upper
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78 9.3 7.4 11.0

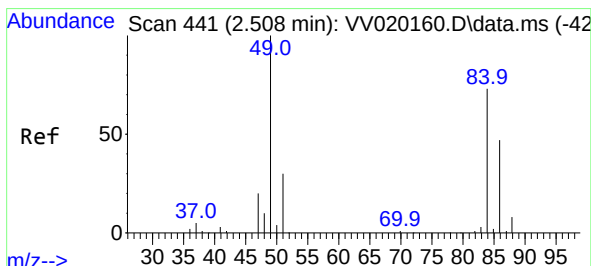
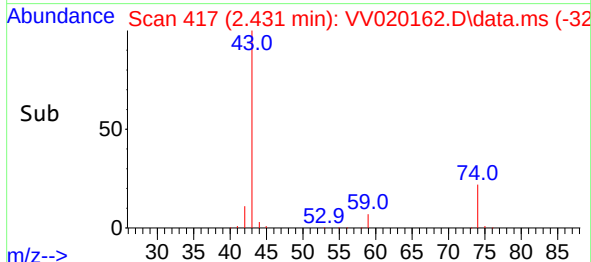
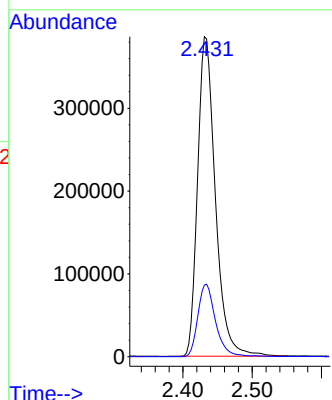
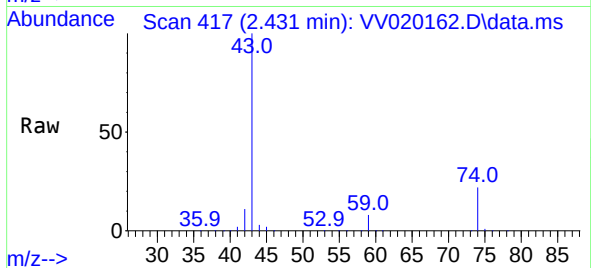




#15
Methyl Acetate
Concen: 238.13 ug/L
RT: 2.431 min Scan# 417
Delta R.T. -0.003 min
Lab File: VV020162.D
Acq: 25 Jan 2021 17:56

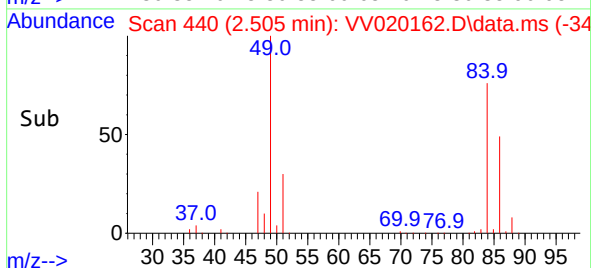
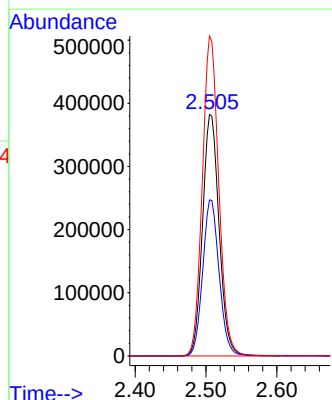
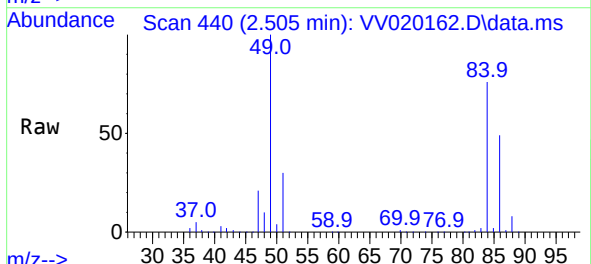
Instrument :
MSVOA_V
ClientSampled :

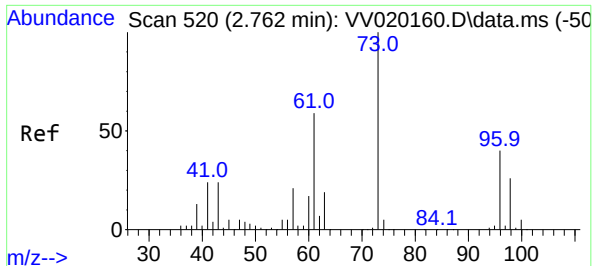
Tgt Ion: 43 Resp: 689519
Ion Ratio Lower Upper
43 100
74 22.5 18.8 28.2



#16
Methylene chloride
Concen: 215.35 ug/L
RT: 2.505 min Scan# 440
Delta R.T. -0.003 min
Lab File: VV020162.D
Acq: 25 Jan 2021 17:56

Tgt Ion: 84 Resp: 619069
Ion Ratio Lower Upper
84 100
86 64.6 45.6 84.8
49 132.4 89.3 165.9



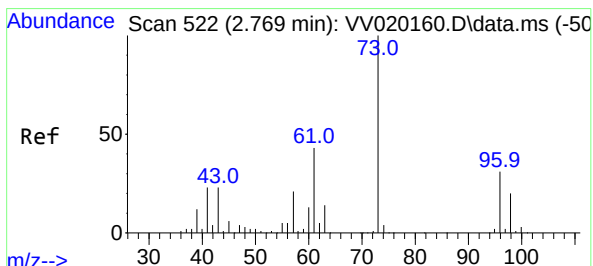
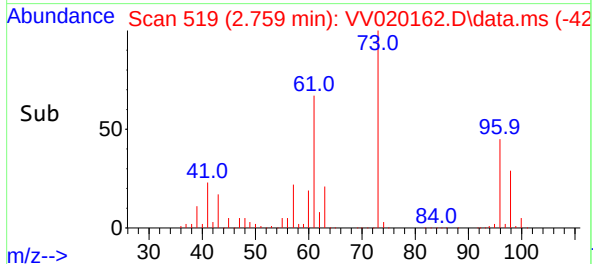
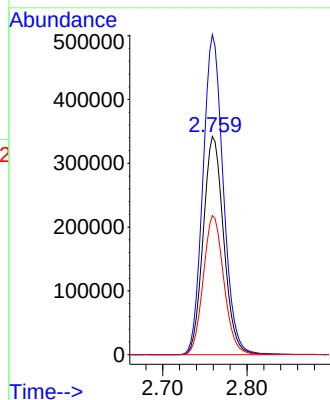
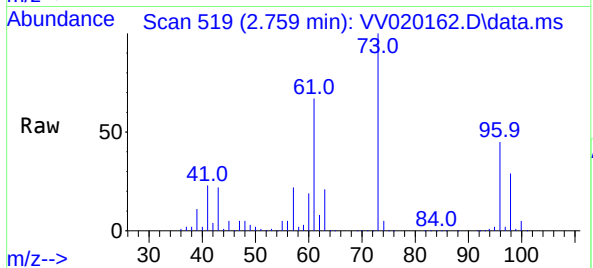


#17

trans-1,2-Dichloroethene
Concen: 220.80 ug/L
RT: 2.759 min Scan# 519
Delta R.T. -0.003 min
Lab File: VV020162.D
Acq: 25 Jan 2021 17:56

Instrument :
MSVOA_V
ClientSampleId :

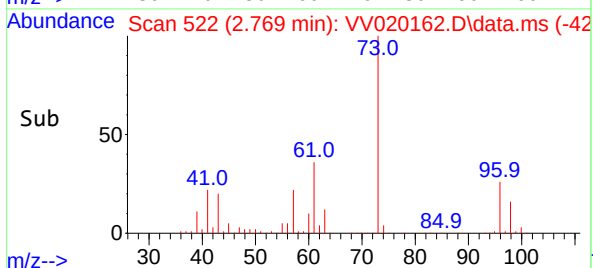
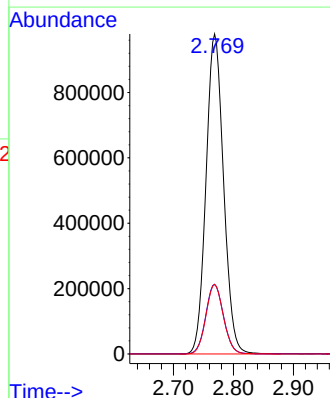
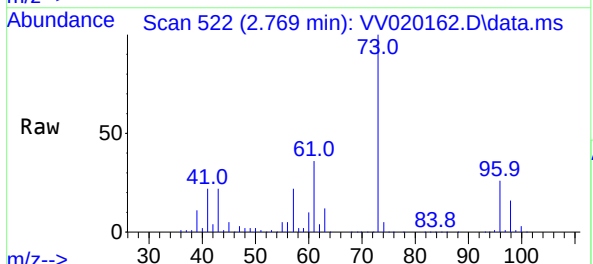
Tgt Ion: 96 Resp: 579721
Ion Ratio Lower Upper
96 100
61 146.7 100.7 187.1
98 63.7 42.9 79.7

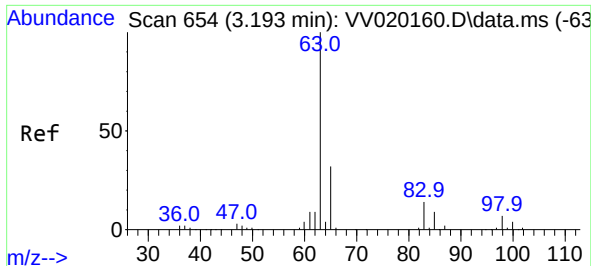


#18

Methyl tert-butyl Ether
Concen: 218.21 ug/L
RT: 2.769 min Scan# 522
Delta R.T. -0.000 min
Lab File: VV020162.D
Acq: 25 Jan 2021 17:56

Tgt Ion: 73 Resp: 1990117
Ion Ratio Lower Upper
73 100
43 22.0 17.9 26.9
57 21.7 17.1 25.7





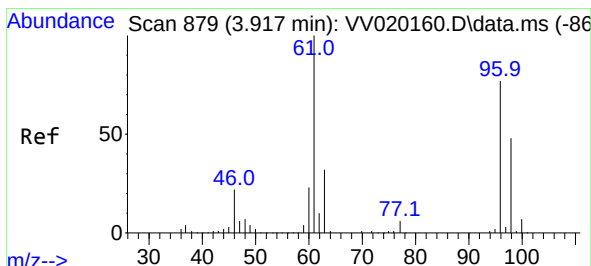
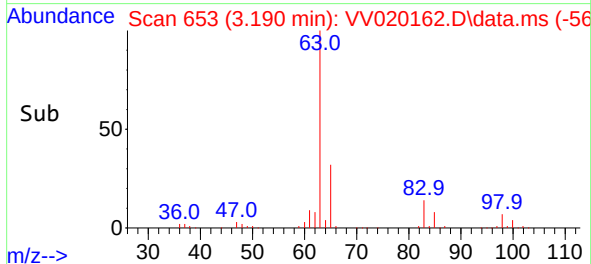
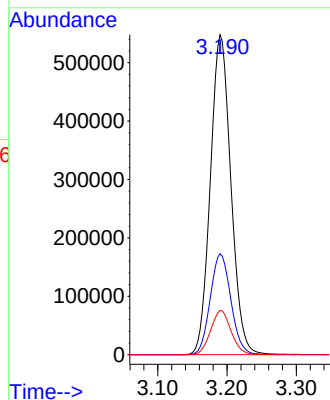
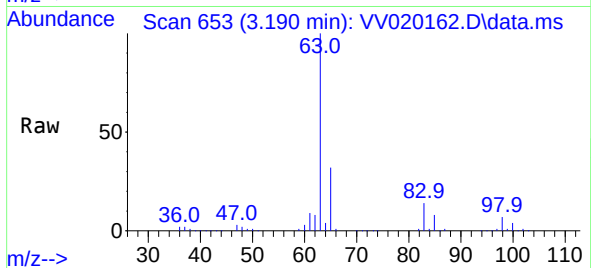
#19

1,1-Dichloroethane
Concen: 218.07 ug/L
RT: 3.190 min Scan# 653
Delta R.T. -0.003 min
Lab File: VV020162.D
Acq: 25 Jan 2021 17:56

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 63 Resp: 1126204

Ion	Ratio	Lower	Upper
63	100		
65	31.5	21.8	40.6
83	13.8	9.5	17.7

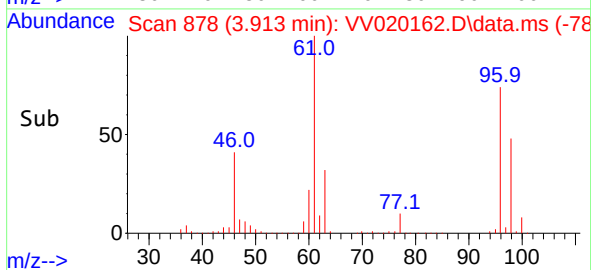
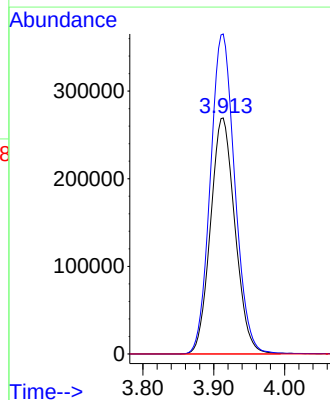
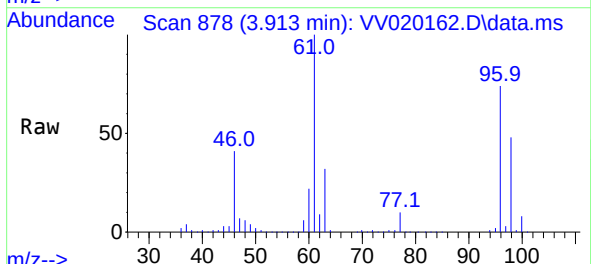


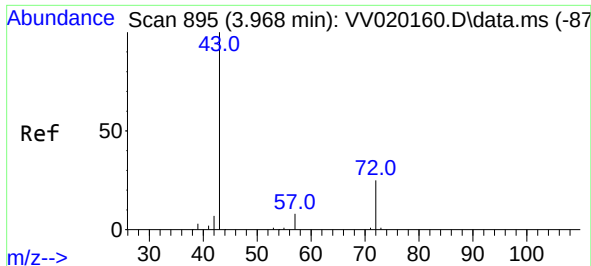
#20

cis-1,2-Dichloroethene
Concen: 222.22 ug/L
RT: 3.913 min Scan# 878
Delta R.T. -0.003 min
Lab File: VV020162.D
Acq: 25 Jan 2021 17:56

Tgt Ion: 96 Resp: 645530

Ion	Ratio	Lower	Upper
96	100		
61	135.6	95.6	177.6
68	0.0	0.0	0.0

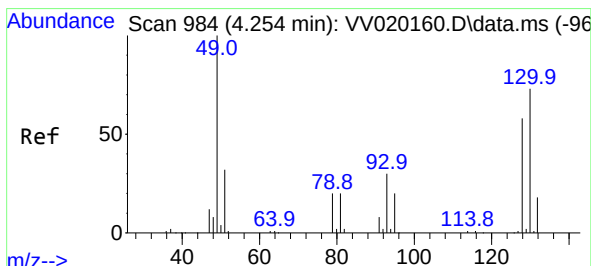
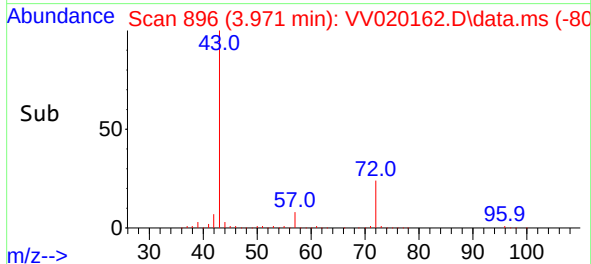
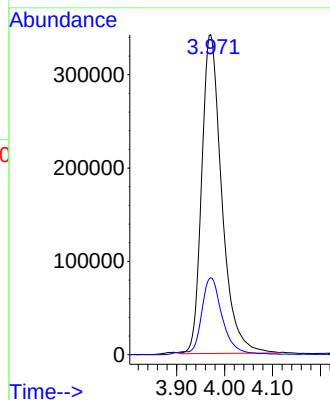
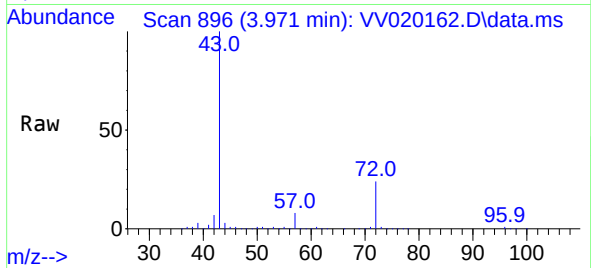




#22
2-Butanone
Concen: 519.04 ug/L
RT: 3.971 min Scan# 896
Delta R.T. 0.003 min
Lab File: VV020162.D
Acq: 25 Jan 2021 17:56

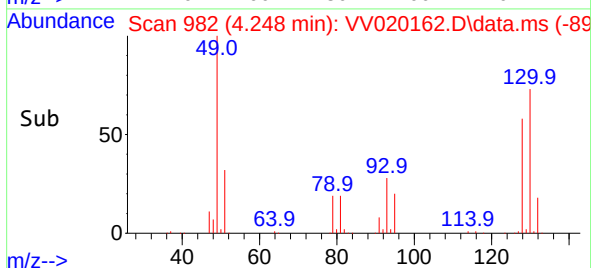
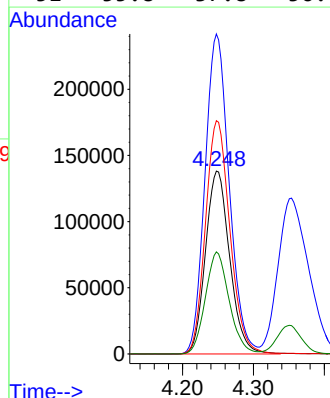
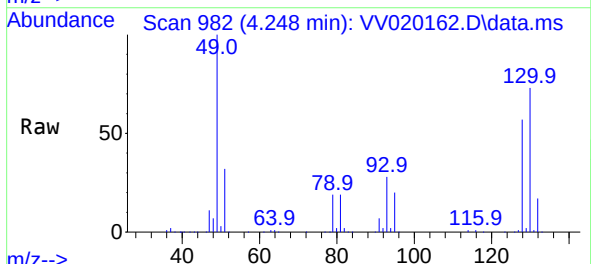
Instrument :
MSVOA_V
ClientSampled :

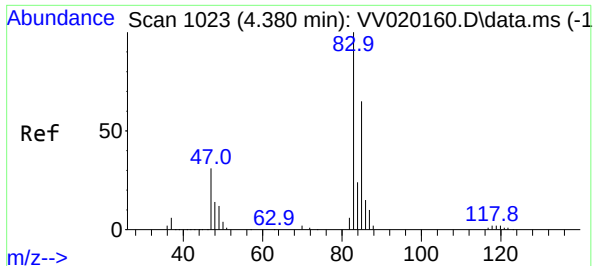
Tgt Ion: 43 Resp: 995593
Ion Ratio Lower Upper
43 100
72 24.1 12.7 38.0



#23
Bromochloromethane
Concen: 208.67 ug/L
RT: 4.248 min Scan# 982
Delta R.T. -0.007 min
Lab File: VV020162.D
Acq: 25 Jan 2021 17:56

Tgt Ion: 128 Resp: 328136
Ion Ratio Lower Upper
128 100
49 174.9 108.8 202.2
130 127.5 88.5 164.3
51 55.8 37.8 56.6



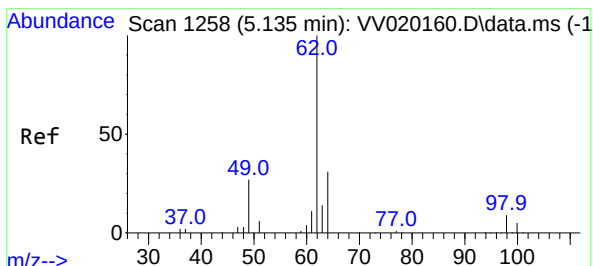
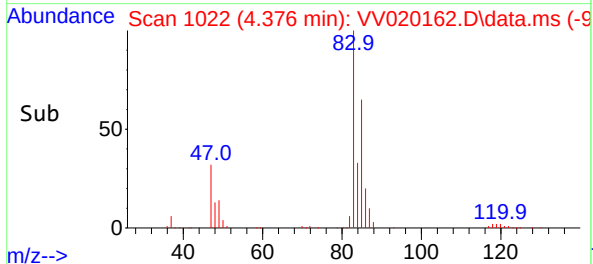
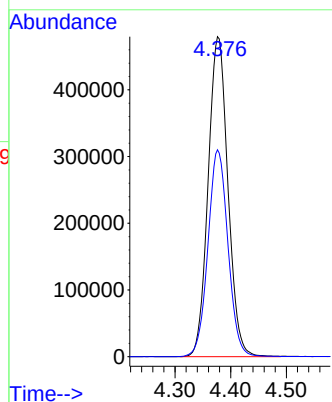
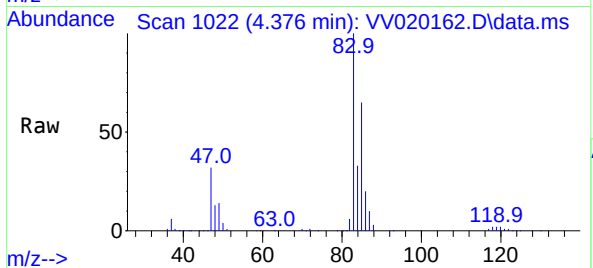


#25

Chloroform
Concen: 215.24 ug/L
RT: 4.376 min Scan# 1022
Delta R.T. -0.003 min
Lab File: VV020162.D
Acq: 25 Jan 2021 17:56

Instrument :
MSVOA_V
ClientSampled :

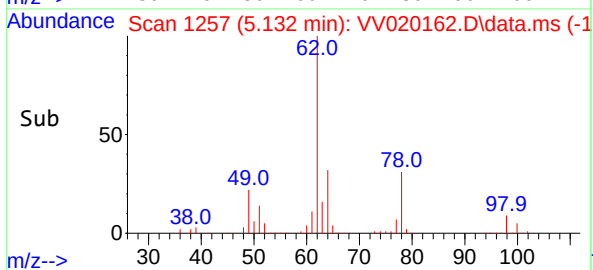
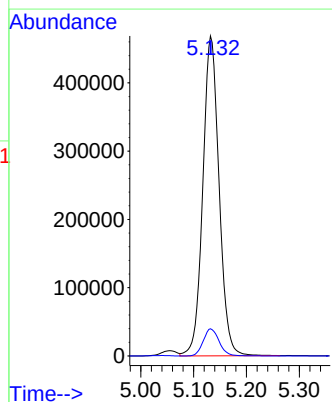
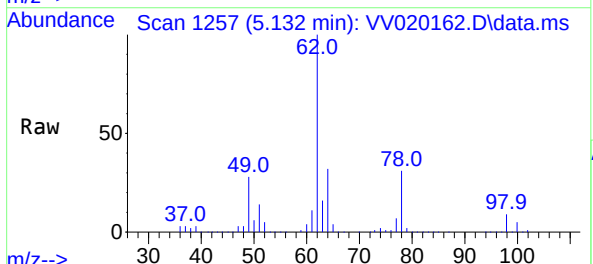
Tgt Ion: 83 Resp: 1183241
Ion Ratio Lower Upper
83 100
85 64.7 45.4 84.4

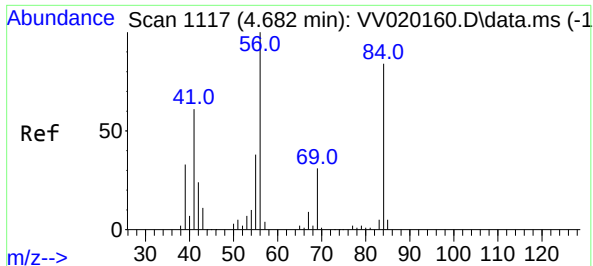


#27

1,2-Dichloroethane
Concen: 213.38 ug/L
RT: 5.132 min Scan# 1257
Delta R.T. -0.003 min
Lab File: VV020162.D
Acq: 25 Jan 2021 17:56

Tgt Ion: 62 Resp: 1000470
Ion Ratio Lower Upper
62 100
98 8.5 6.8 10.2





#29

Cyclohexane

Concen: 219.02 ug/L

RT: 4.682 min Scan# 1117

Delta R.T. -0.000 min

Lab File: VV020162.D

Acq: 25 Jan 2021 17:56

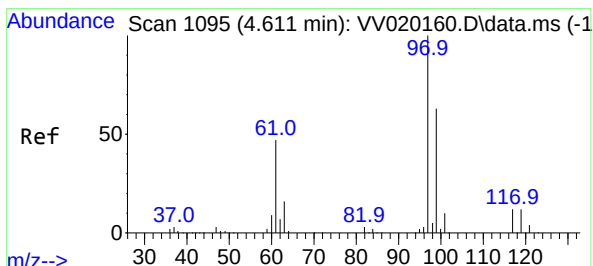
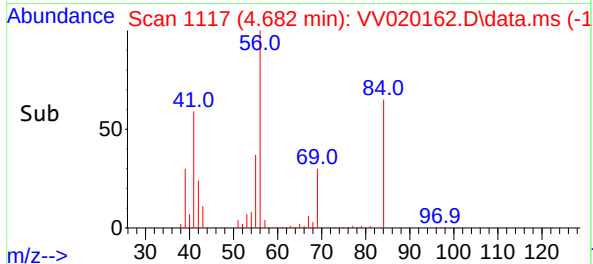
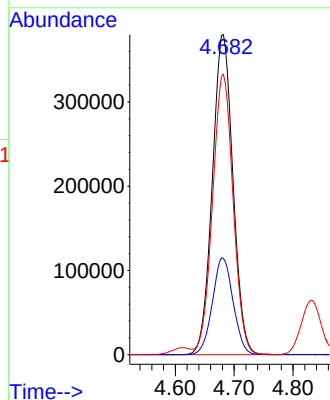
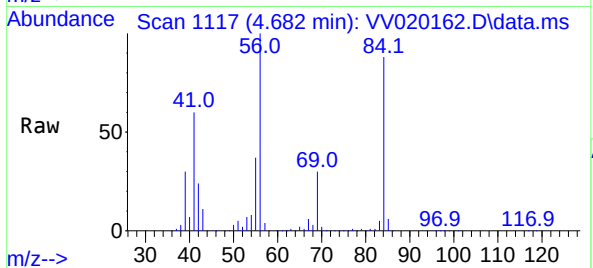
Tgt Ion: 56 Resp: 925587

Ion Ratio Lower Upper

56 100

69 30.4 24.6 36.8

84 87.5 70.5 105.7



#30

1,1,1-Trichloroethane

Concen: 187.66 ug/L

RT: 4.611 min Scan# 1095

Delta R.T. -0.000 min

Lab File: VV020162.D

Acq: 25 Jan 2021 17:56

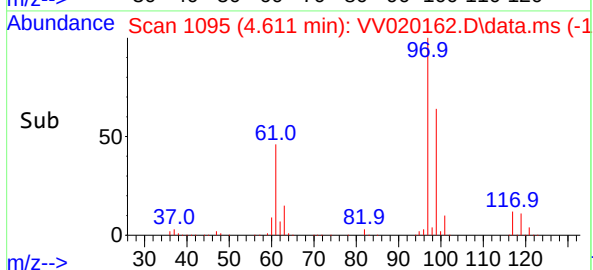
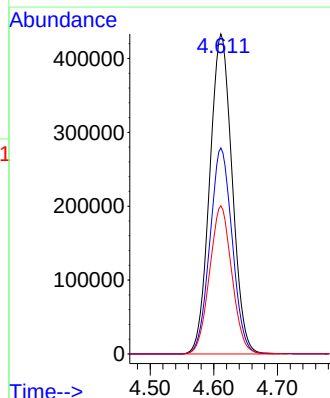
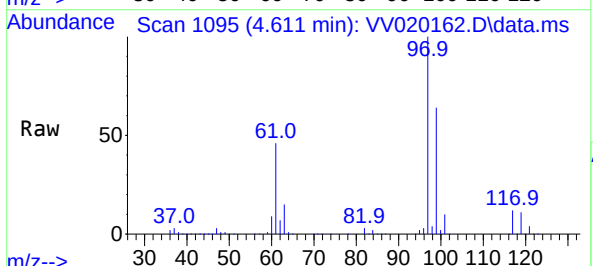
Tgt Ion: 97 Resp: 1059184

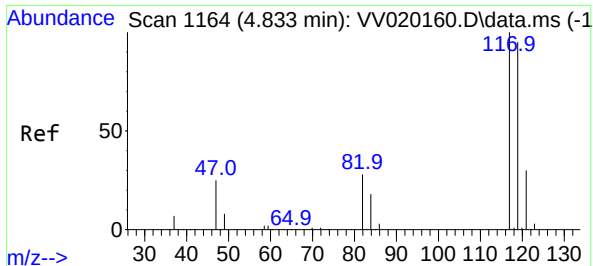
Ion Ratio Lower Upper

97 100

99 64.3 52.0 78.0

61 46.2 35.3 52.9

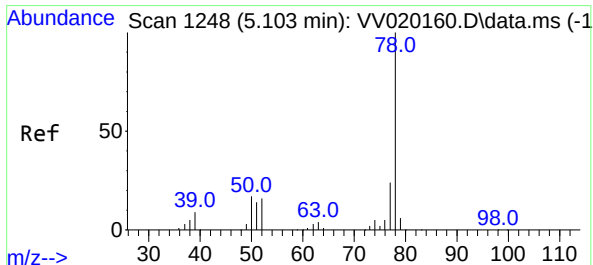
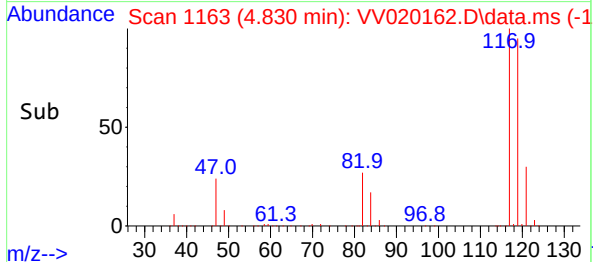
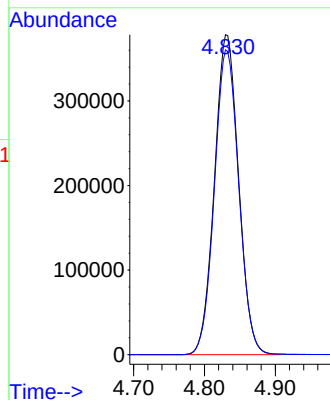
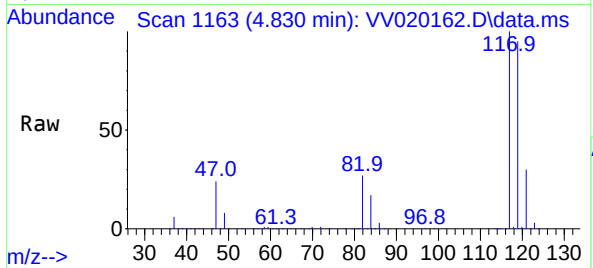




#31
Carbon tetrachloride
Concen: 185.68 ug/L
RT: 4.830 min Scan# 1163
Delta R.T. -0.003 min
Lab File: VV020162.D
Acq: 25 Jan 2021 17:56

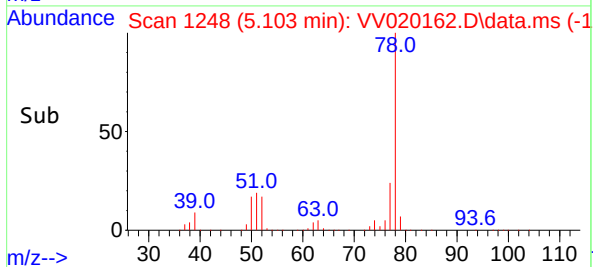
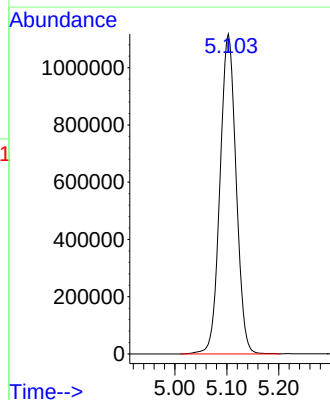
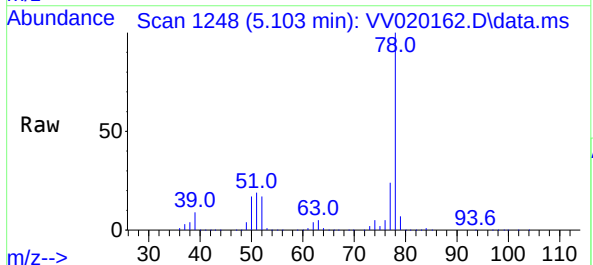
Instrument :
MSVOA_V
ClientSampled :

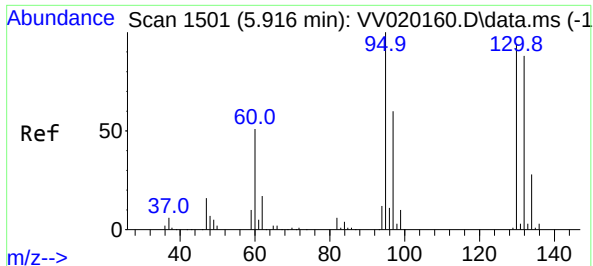
Tgt Ion:117 Resp: 895744
Ion Ratio Lower Upper
117 100
119 96.2 77.8 116.6



#33
Benzene
Concen: 197.21 ug/L
RT: 5.103 min Scan# 1248
Delta R.T. -0.000 min
Lab File: VV020162.D
Acq: 25 Jan 2021 17:56

Tgt Ion: 78 Resp: 2412737

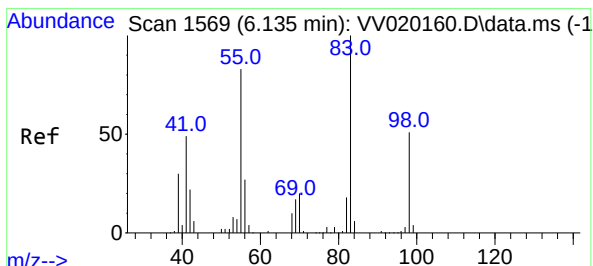
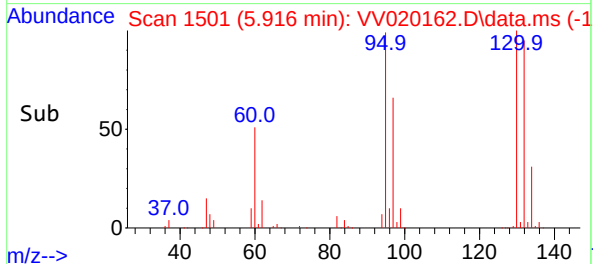
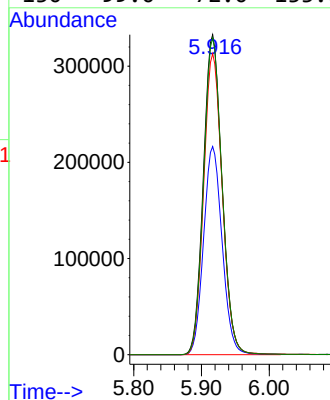
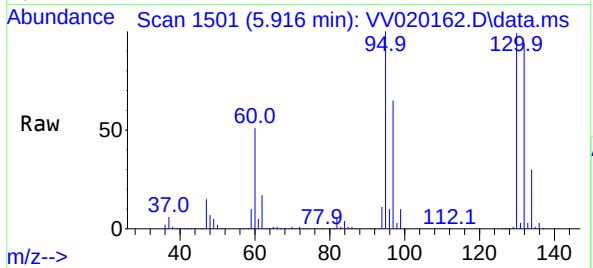




#34
Trichloroethene
Concen: 192.86 ug/L
RT: 5.916 min Scan# 1501
Delta R.T. -0.000 min
Lab File: VV020162.D
Acq: 25 Jan 2021 17:56

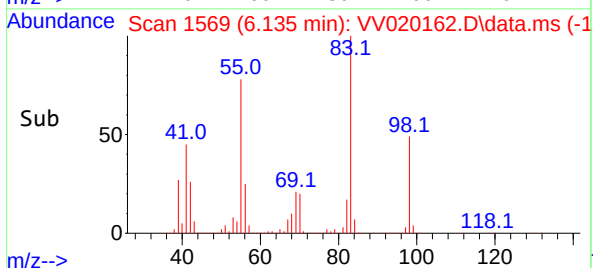
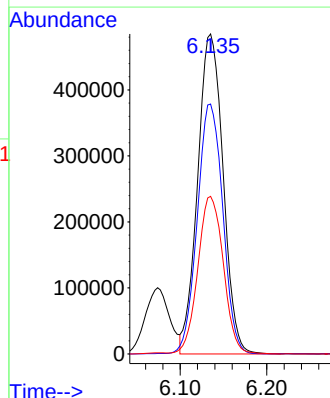
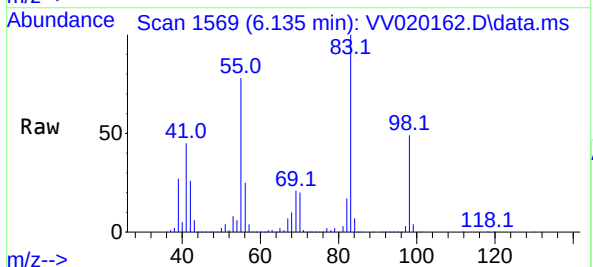
Instrument :
MSVOA_V
ClientSampleId :

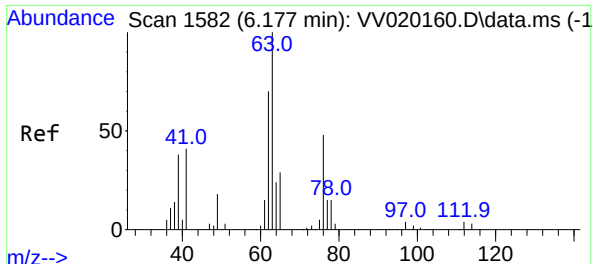
Tgt Ion: 95 Resp: 636182
Ion Ratio Lower Upper
95 100
97 65.0 45.4 84.4
132 94.0 68.5 127.3
130 99.0 72.0 133.6



#35
Methylcyclohexane
Concen: 242.68 ug/L
RT: 6.135 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VV020162.D
Acq: 25 Jan 2021 17:56

Tgt Ion: 83 Resp: 990554
Ion Ratio Lower Upper
83 100
55 78.4 62.8 94.2
98 49.5 38.6 58.0

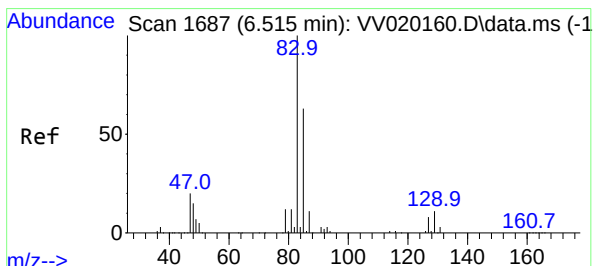
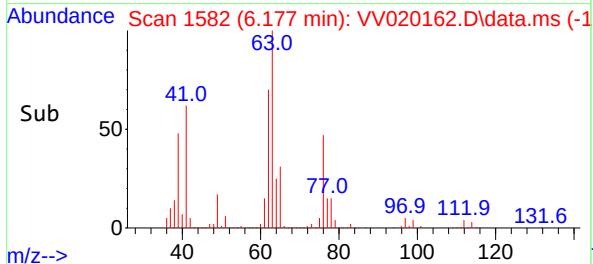
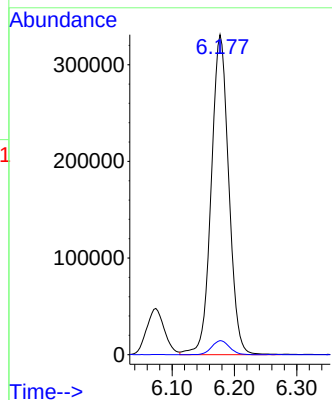
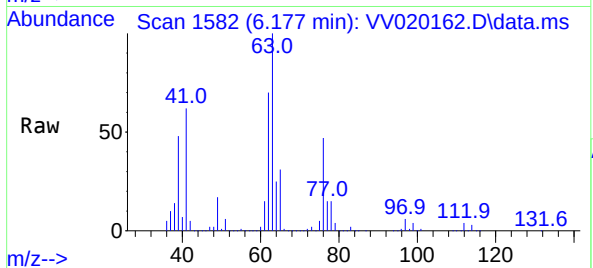




#37
1,2-Dichloropropane
Concen: 197.28 ug/L
RT: 6.177 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VV020162.D
Acq: 25 Jan 2021 17:56

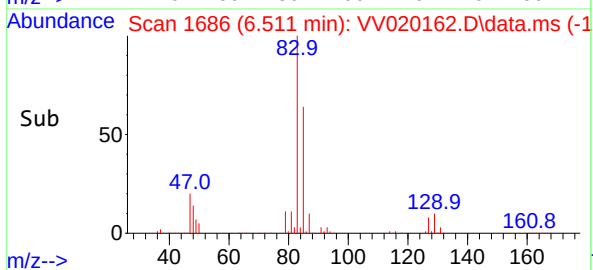
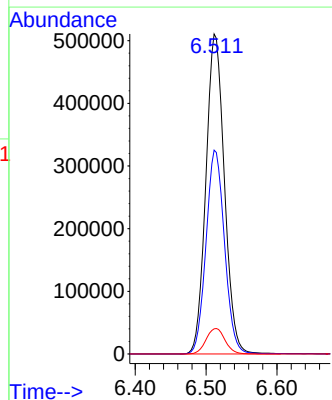
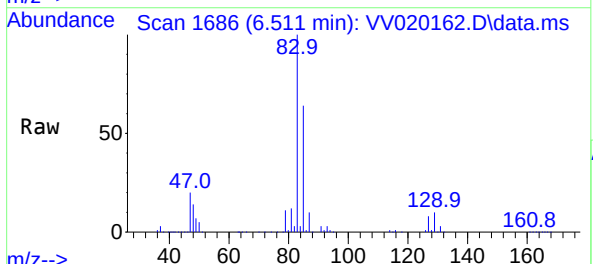
Instrument :
MSVOA_V
ClientSampled :

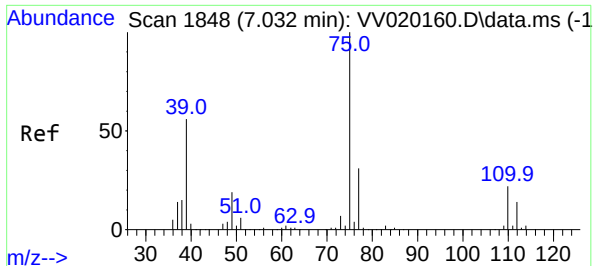
Tgt Ion: 63 Resp: 645957
Ion Ratio Lower Upper
63 100
112 4.4 4.2 6.2



#38
Bromodichloromethane
Concen: 198.50 ug/L
RT: 6.511 min Scan# 1686
Delta R.T. -0.003 min
Lab File: VV020162.D
Acq: 25 Jan 2021 17:56

Tgt Ion: 83 Resp: 926003
Ion Ratio Lower Upper
83 100
85 63.7 44.0 81.8
127 7.9 7.3 10.9

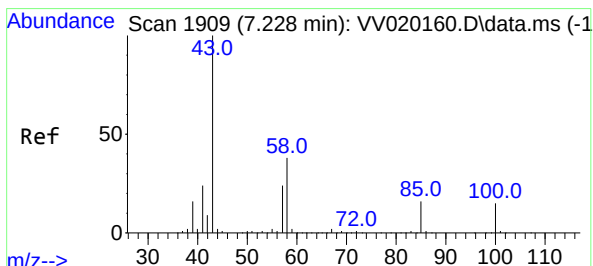
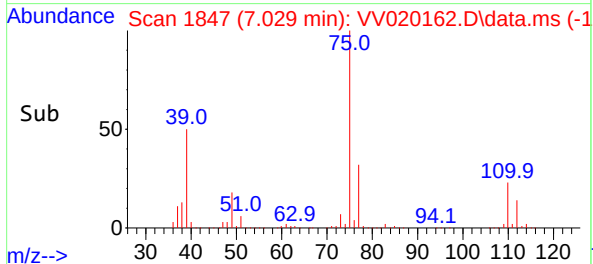
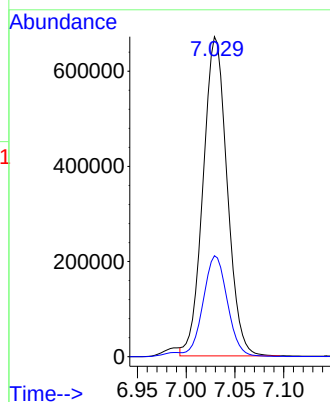
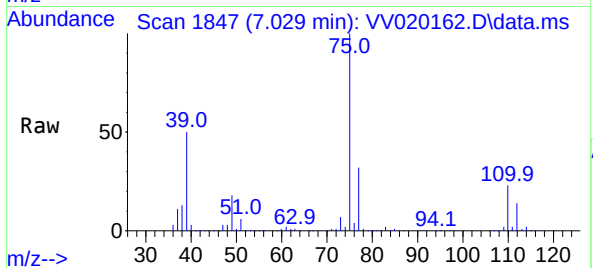




#39
cis-1,3-Dichloropropene
Concen: 222.15 ug/L
RT: 7.029 min Scan# 1847
Delta R.T. -0.003 min
Lab File: VV020162.D
Acq: 25 Jan 2021 17:56

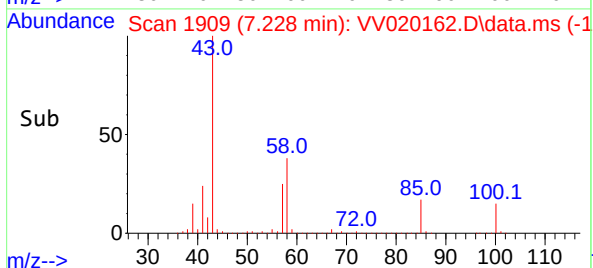
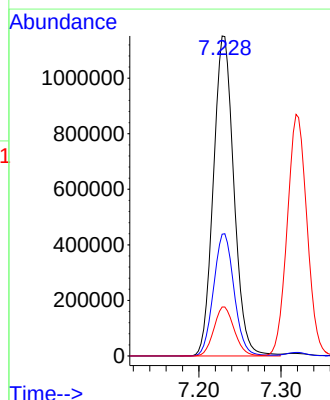
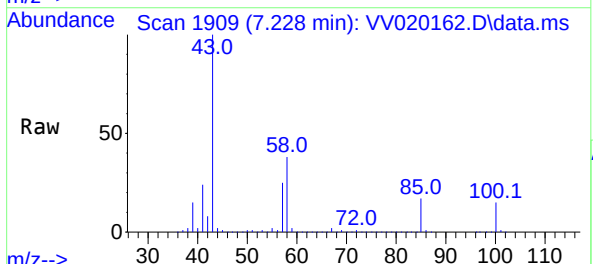
Instrument :
MSVOA_V
ClientSampleId :

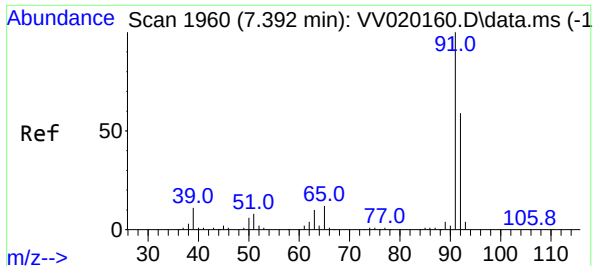
Tgt Ion: 75 Resp: 1151502
Ion Ratio Lower Upper
75 100
77 31.5 22.2 41.2



#40
4-Methyl-2-pentanone
Concen: 444.63 ug/L
RT: 7.228 min Scan# 1909
Delta R.T. -0.000 min
Lab File: VV020162.D
Acq: 25 Jan 2021 17:56

Tgt Ion: 43 Resp: 1999917
Ion Ratio Lower Upper
43 100
58 38.3 30.5 45.7
100 15.2 12.7 19.1





#42

Toluene

Concen: 196.94 ug/L

RT: 7.392 min Scan# 1960

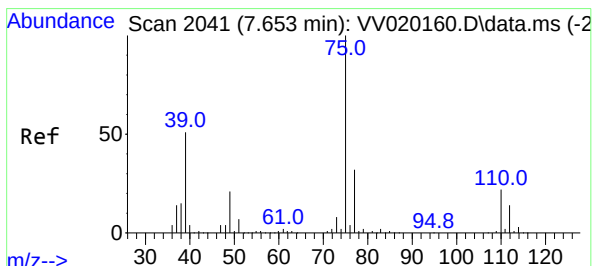
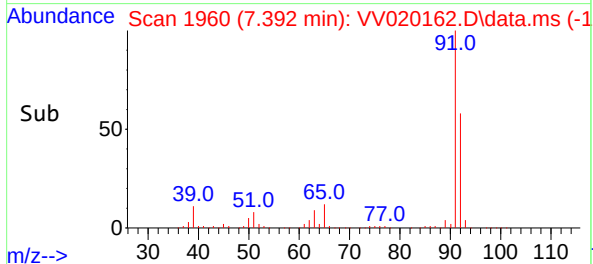
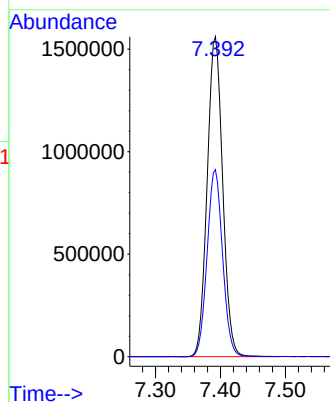
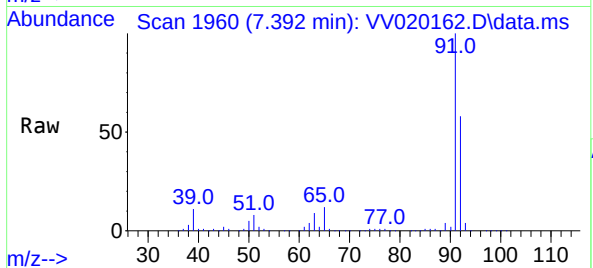
Delta R.T. -0.000 min

Lab File: VV020162.D

Acq: 25 Jan 2021 17:56

Tgt Ion: 91 Resp: 2592049

Ion	Ratio	Lower	Upper
91	100		
92	58.5	40.6	75.4



#44

trans-1,3-Dichloropropene

Concen: 204.28 ug/L

RT: 7.653 min Scan# 2041

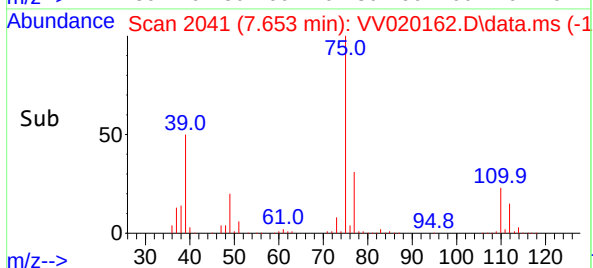
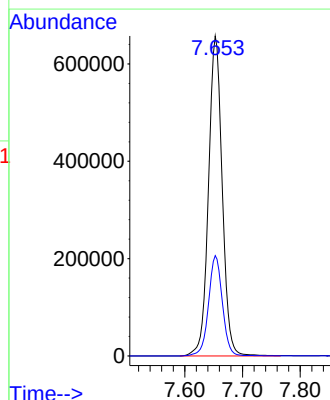
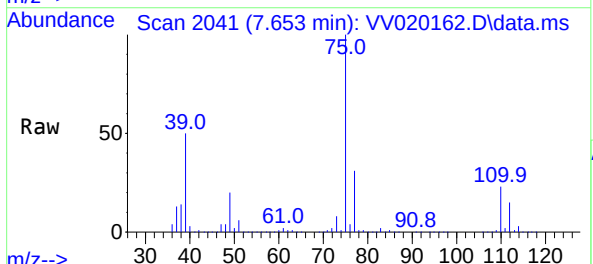
Delta R.T. -0.000 min

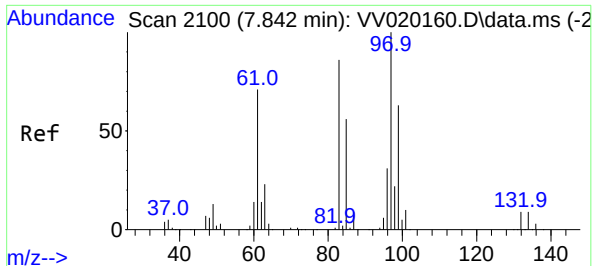
Lab File: VV020162.D

Acq: 25 Jan 2021 17:56

Tgt Ion: 75 Resp: 1086193

Ion	Ratio	Lower	Upper
75	100		
77	31.4	21.6	40.2



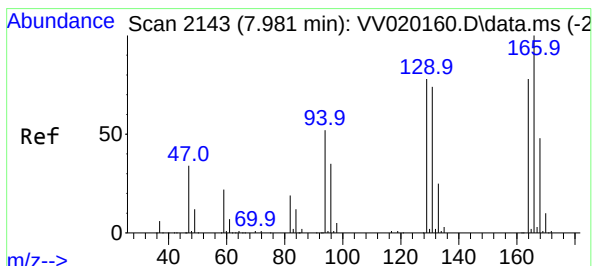
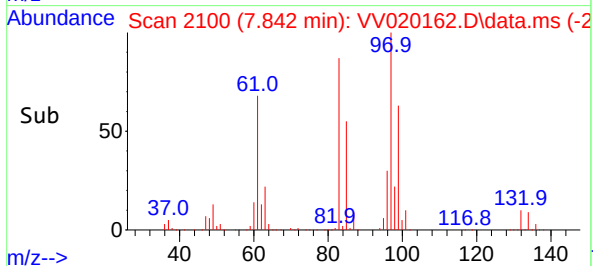
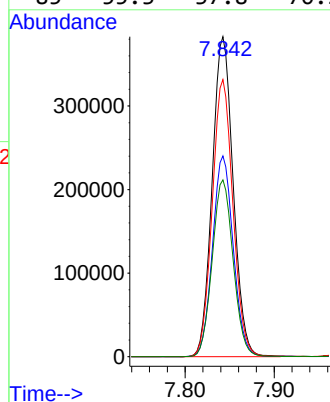
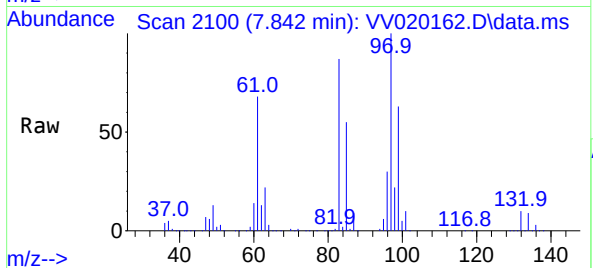


#45
1,1,2-Trichloroethane
Concen: 194.49 ug/L
RT: 7.842 min Scan# 2100
Delta R.T. -0.000 min
Lab File: VV020162.D
Acq: 25 Jan 2021 17:56

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 625725

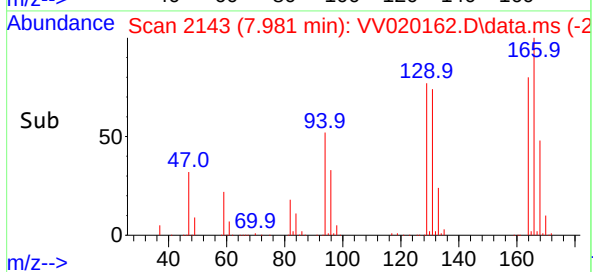
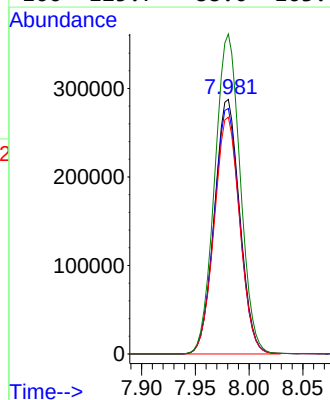
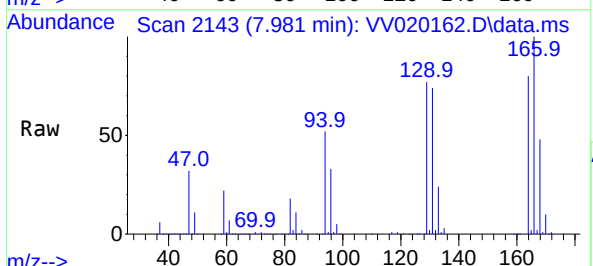
Ion	Ratio	Lower	Upper
97	100		
99	62.8	45.1	83.9
83	86.6	57.6	107.0
85	55.3	37.8	70.2

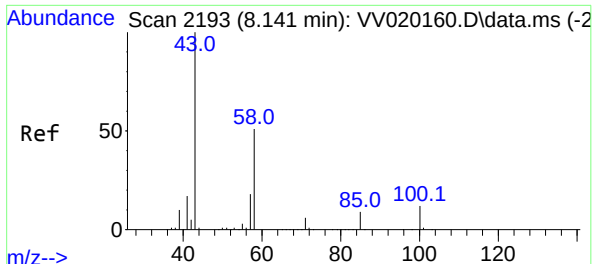


#46
Tetrachloroethene
Concen: 176.78 ug/L
RT: 7.981 min Scan# 2143
Delta R.T. -0.000 min
Lab File: VV020162.D
Acq: 25 Jan 2021 17:56

Tgt Ion: 164 Resp: 471364

Ion	Ratio	Lower	Upper
164	100		
129	96.4	62.6	116.3
131	93.0	59.0	109.6
166	125.7	88.0	163.4



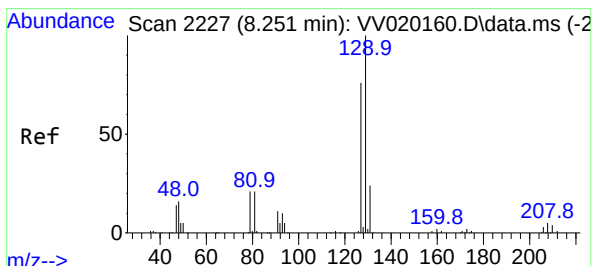
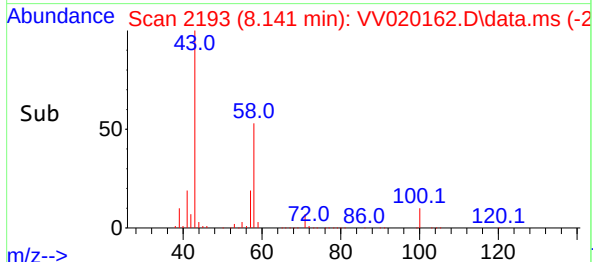
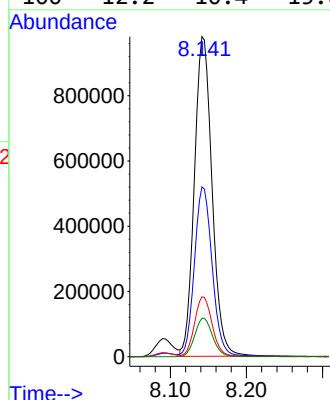
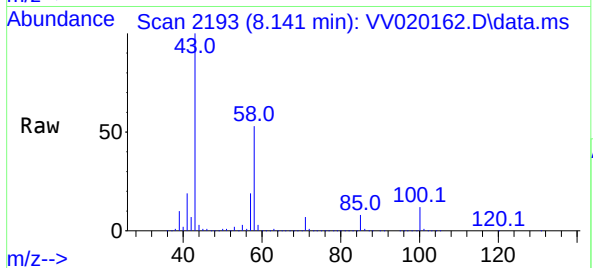


#48
2-Hexanone
Concen: 455.74 ug/L
RT: 8.141 min Scan# 2193
Delta R.T. -0.000 min
Lab File: VV020162.D
Acq: 25 Jan 2021 17:56

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 43 Resp: 1586621

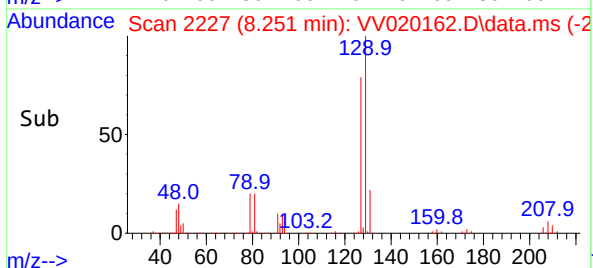
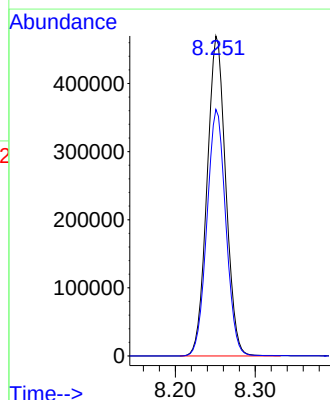
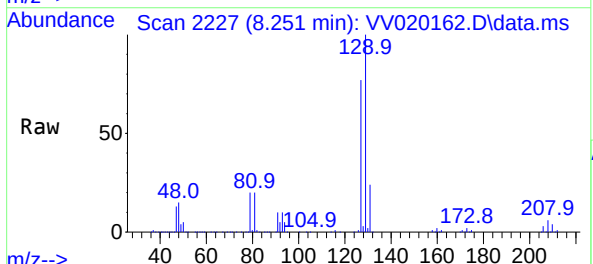
Ion	Ratio	Lower	Upper
43	100		
58	53.3	42.6	63.8
57	18.7	15.8	23.8
100	12.2	10.4	15.6

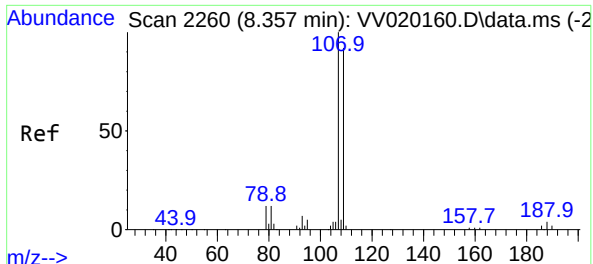


#49
Dibromochloromethane
Concen: 201.54 ug/L
RT: 8.251 min Scan# 2227
Delta R.T. -0.000 min
Lab File: VV020162.D
Acq: 25 Jan 2021 17:56

Tgt Ion: 129 Resp: 763500

Ion	Ratio	Lower	Upper
129	100		
127	77.1	54.4	101.0

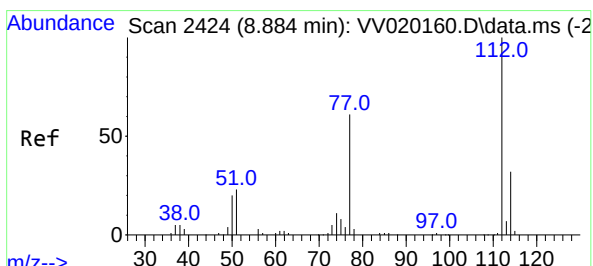
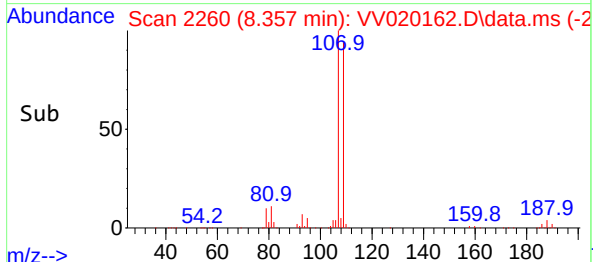
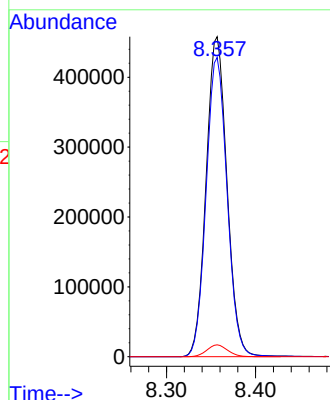
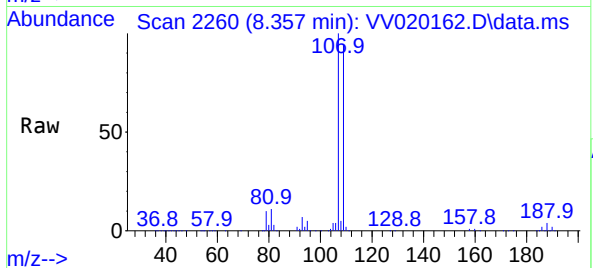




#50
1,2-Dibromoethane
Concen: 220.07 ug/L
RT: 8.357 min Scan# 2260
Delta R.T. -0.000 min
Lab File: VV020162.D
Acq: 25 Jan 2021 17:56

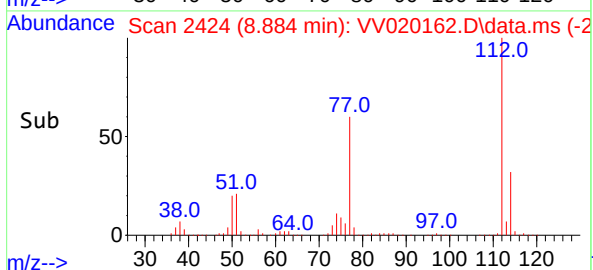
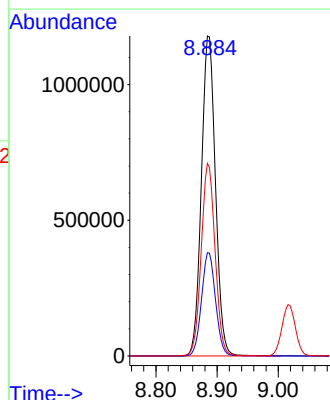
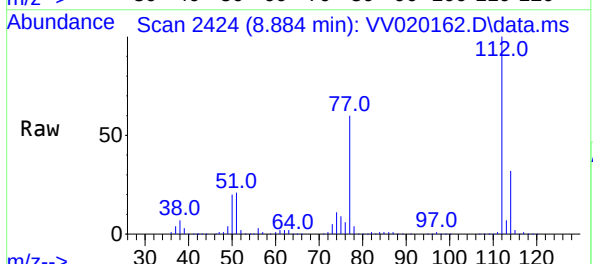
Instrument :
MSVOA_V
ClientSampleId :

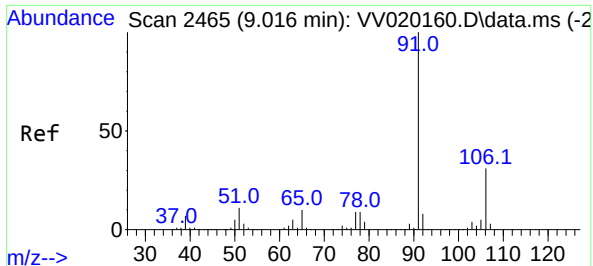
Tgt Ion:107 Resp: 744584
Ion Ratio Lower Upper
107 100
109 93.5 64.8 120.4
188 3.7 3.8 5.8#



#51
Chlorobenzene
Concen: 212.26 ug/L
RT: 8.884 min Scan# 2424
Delta R.T. -0.000 min
Lab File: VV020162.D
Acq: 25 Jan 2021 17:56

Tgt Ion:112 Resp: 1883915
Ion Ratio Lower Upper
112 100
114 32.3 22.7 42.1
77 60.2 47.3 70.9

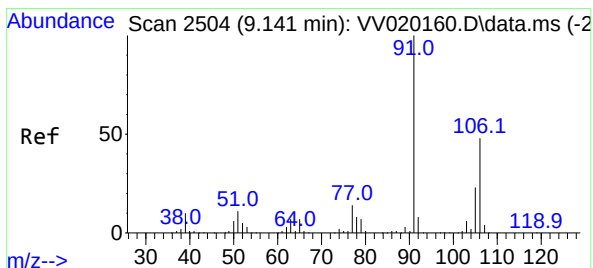
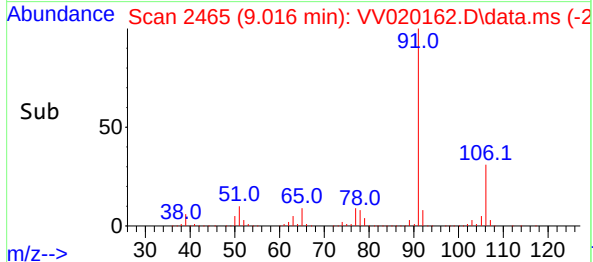
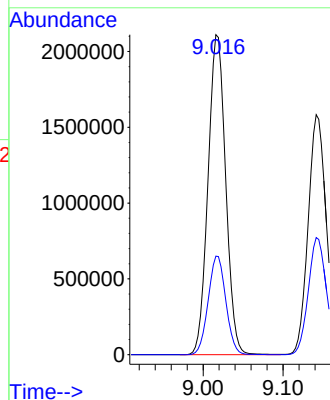
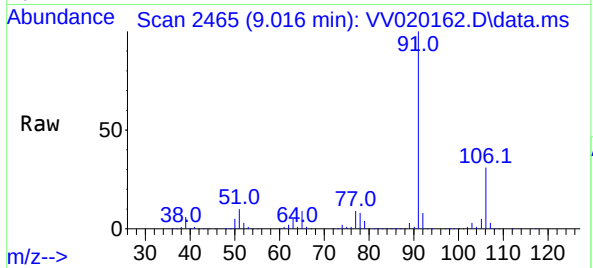




#52
Ethylbenzene
Concen: 221.67 ug/L
RT: 9.016 min Scan# 2465
Delta R.T. -0.000 min
Lab File: VV020162.D
Acq: 25 Jan 2021 17:56

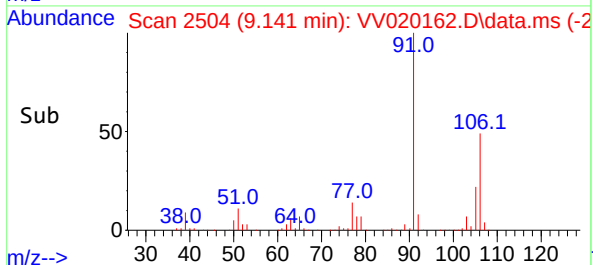
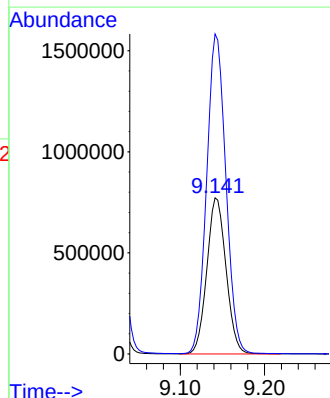
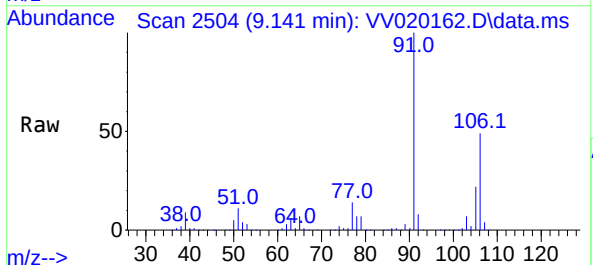
Instrument :
MSVOA_V
ClientSampled :

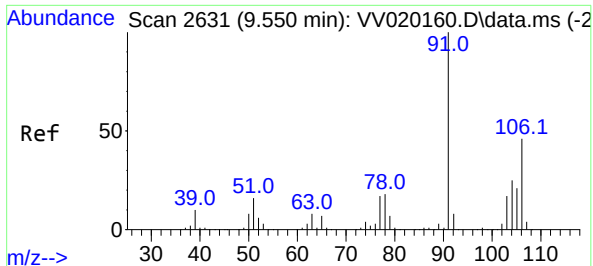
Tgt Ion: 91 Resp: 3244245
Ion Ratio Lower Upper
91 100
106 30.8 21.6 40.0



#53
m,p-Xylene
Concen: 223.46 ug/L
RT: 9.141 min Scan# 2504
Delta R.T. -0.000 min
Lab File: VV020162.D
Acq: 25 Jan 2021 17:56

Tgt Ion:106 Resp: 1221356
Ion Ratio Lower Upper
106 100
91 204.9 147.2 273.4

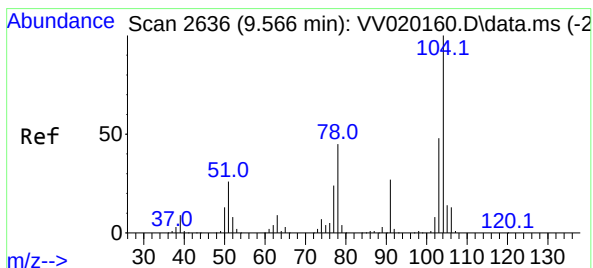
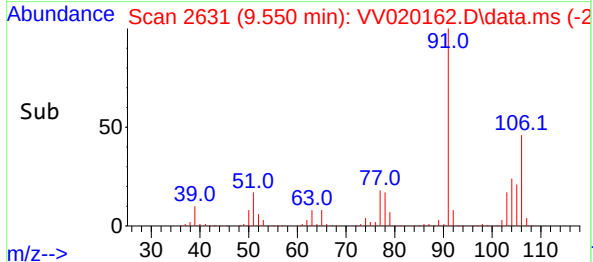
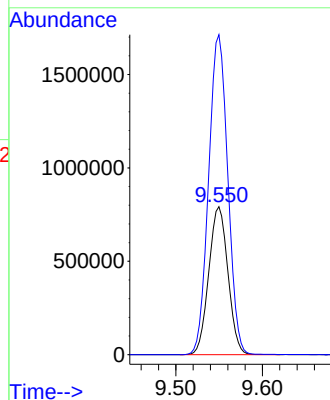
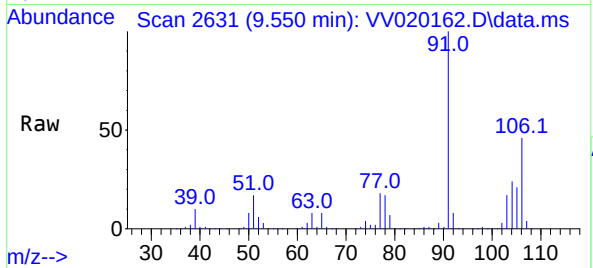




#54
o-Xylene
Concen: 222.45 ug/L
RT: 9.550 min Scan# 2631
Delta R.T. -0.000 min
Lab File: VV020162.D
Acq: 25 Jan 2021 17:56

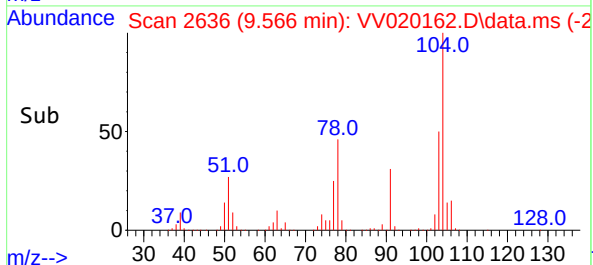
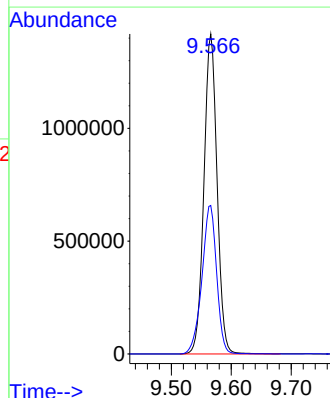
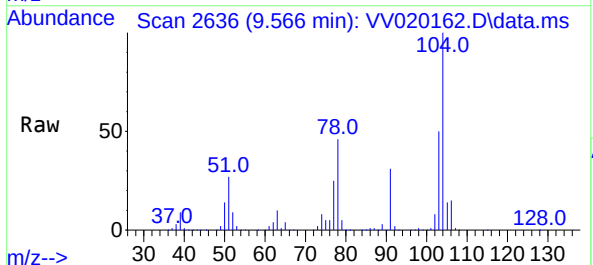
Instrument :
MSVOA_V
ClientSampled :

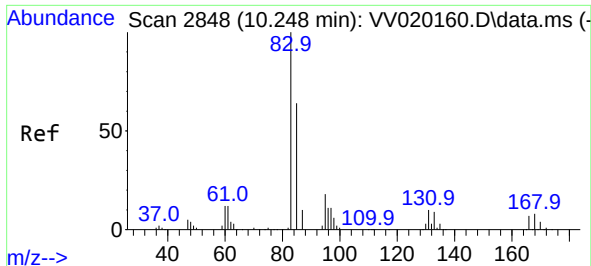
Tgt Ion:106 Resp: 1216950
Ion Ratio Lower Upper
106 100
91 216.3 151.6 281.6



#55
Styrene
Concen: 222.24 ug/L
RT: 9.566 min Scan# 2636
Delta R.T. -0.000 min
Lab File: VV020162.D
Acq: 25 Jan 2021 17:56

Tgt Ion:104 Resp: 2166300
Ion Ratio Lower Upper
104 100
78 46.4 32.6 60.5

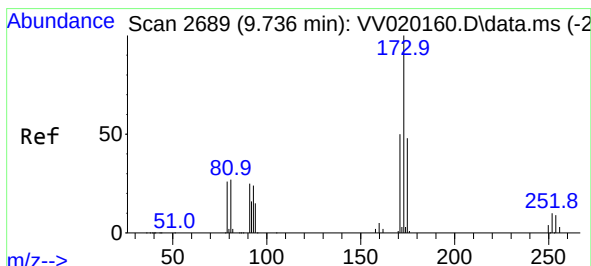
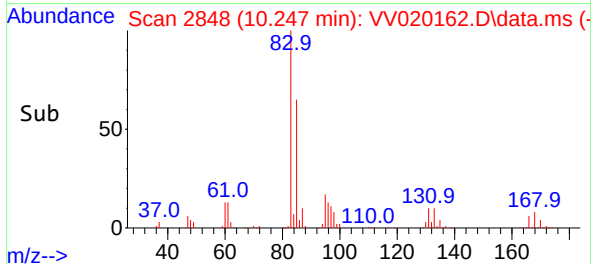
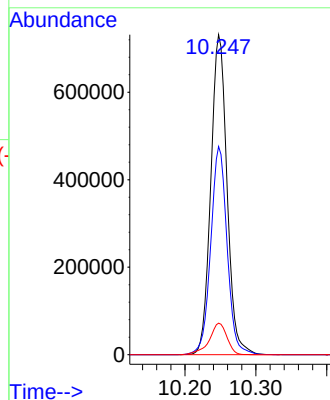
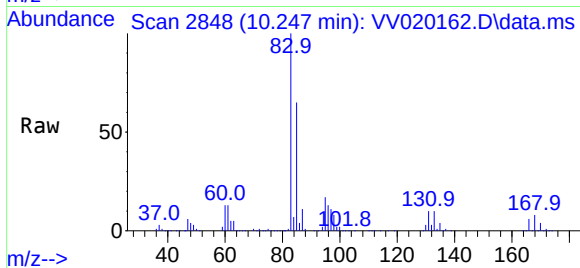




#57
1,1,2,2-Tetrachloroethane
Concen: 231.76 ug/L
RT: 10.247 min Scan# 2848
Delta R.T. -0.000 min
Lab File: VV020162.D
Acq: 25 Jan 2021 17:56

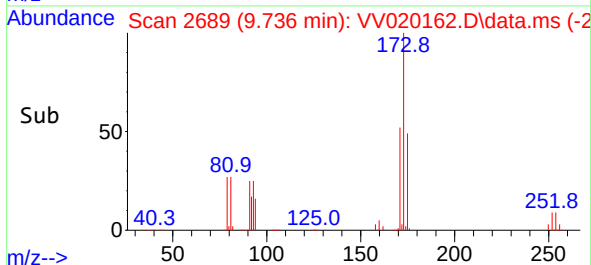
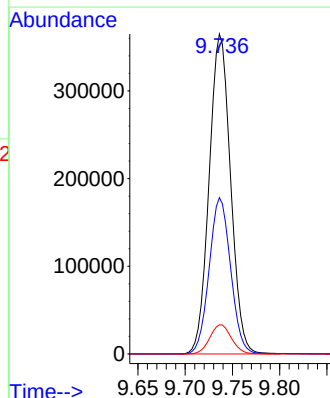
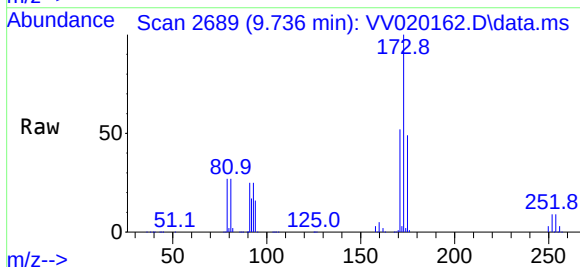
Instrument :
MSVOA_V
ClientSampleId :

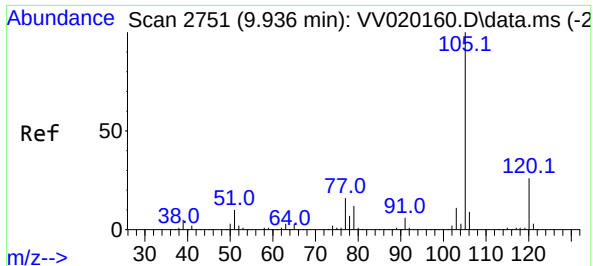
Tgt Ion: 83 Resp: 1161213
Ion Ratio Lower Upper
83 100
85 65.0 45.0 83.6
131 9.9 8.9 13.3



#59
Bromoform
Concen: 197.72 ug/L
RT: 9.736 min Scan# 2689
Delta R.T. -0.000 min
Lab File: VV020162.D
Acq: 25 Jan 2021 17:56

Tgt Ion: 173 Resp: 574963
Ion Ratio Lower Upper
173 100
175 49.0 38.4 57.6
254 9.2 9.0 13.6

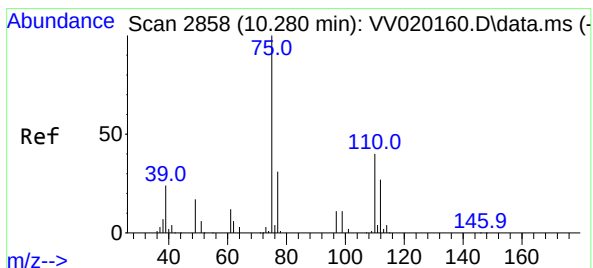
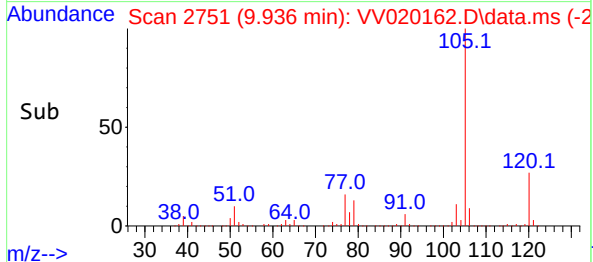
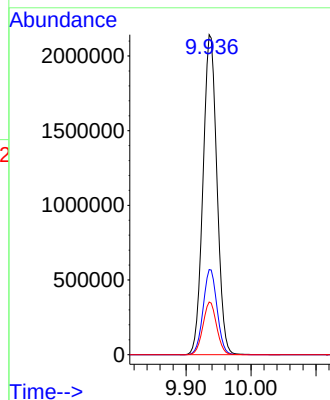
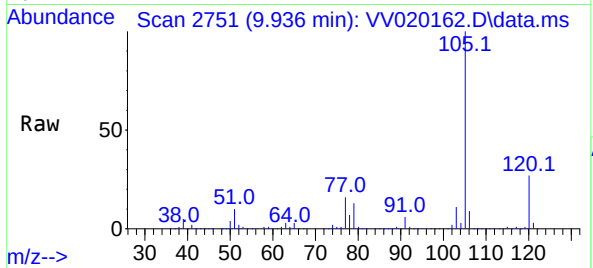




#60
Isopropylbenzene
Concen: 222.01 ug/L
RT: 9.936 min Scan# 2751
Delta R.T. -0.000 min
Lab File: VV020162.D
Acq: 25 Jan 2021 17:56

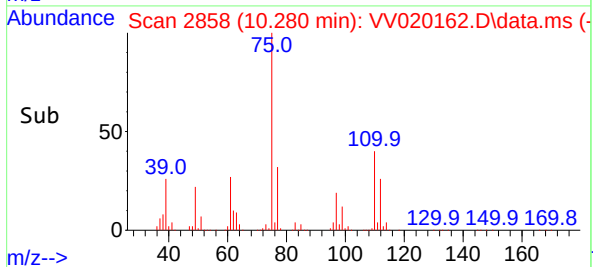
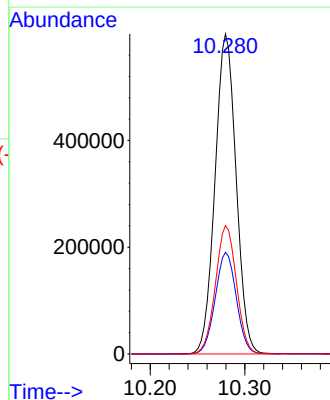
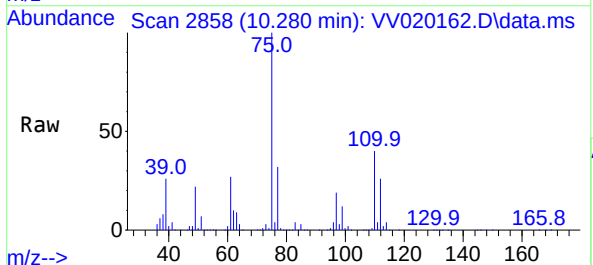
Instrument :
MSVOA_V
ClientSampled :

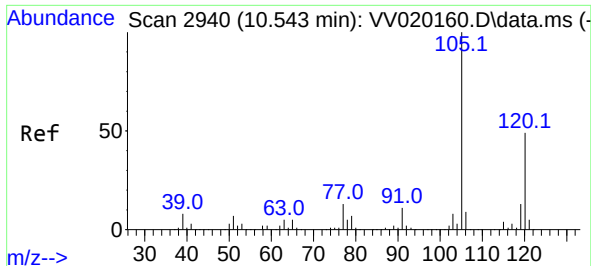
Tgt Ion:105 Resp: 3198249
Ion Ratio Lower Upper
105 100
120 26.6 21.0 31.4
77 16.3 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 220.85 ug/L
RT: 10.280 min Scan# 2858
Delta R.T. -0.000 min
Lab File: VV020162.D
Acq: 25 Jan 2021 17:56

Tgt Ion: 75 Resp: 929293
Ion Ratio Lower Upper
75 100
77 31.8 24.8 37.2
110 40.0 33.4 50.2

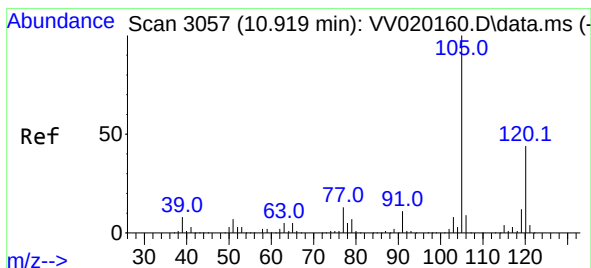
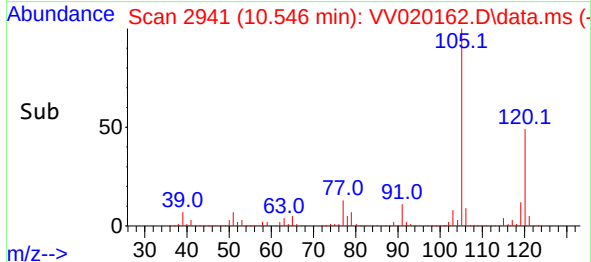
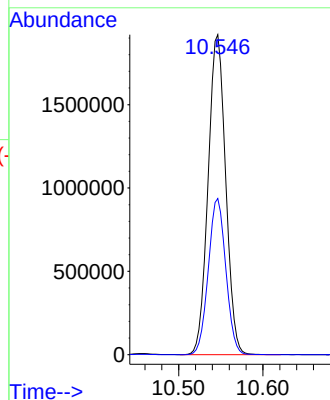
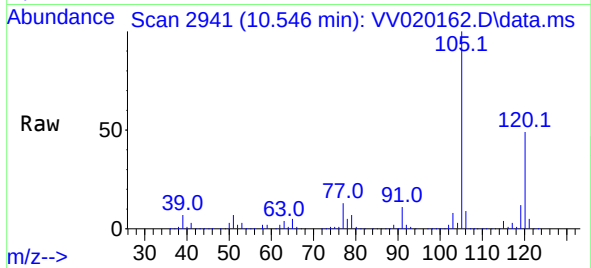




#62
1,3,5-Trimethylbenzene
Concen: 232.34 ug/L
RT: 10.546 min Scan# 2941
Delta R.T. 0.003 min
Lab File: VV020162.D
Acq: 25 Jan 2021 17:56

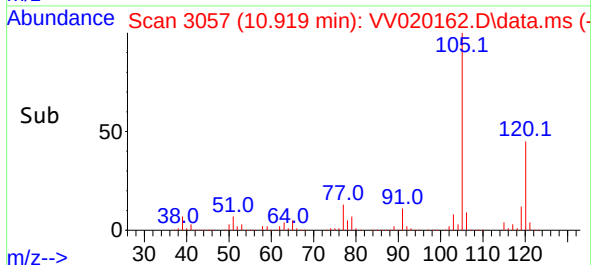
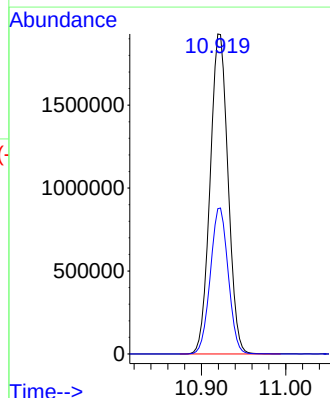
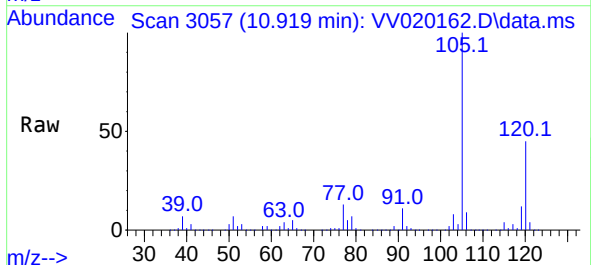
Instrument :
MSVOA_V
ClientSampled :

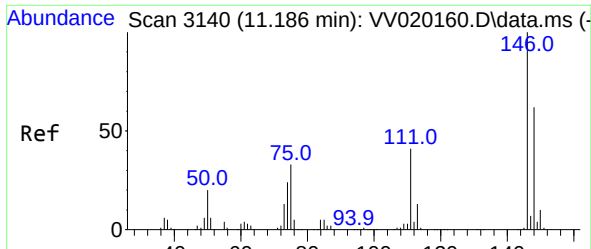
Tgt Ion:105 Resp: 2783898
Ion Ratio Lower Upper
105 100
120 48.7 38.3 57.5



#63
1,2,4-Trimethylbenzene
Concen: 247.01 ug/L
RT: 10.919 min Scan# 3057
Delta R.T. -0.000 min
Lab File: VV020162.D
Acq: 25 Jan 2021 17:56

Tgt Ion:105 Resp: 2848452
Ion Ratio Lower Upper
105 100
120 45.5 35.7 53.5

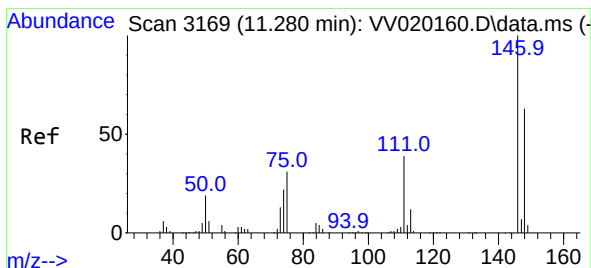
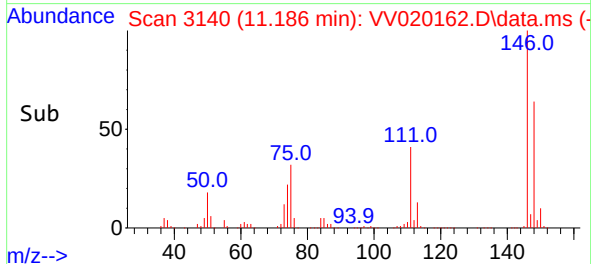
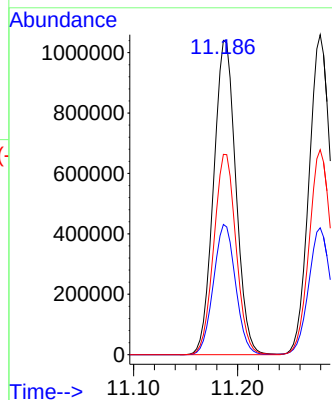
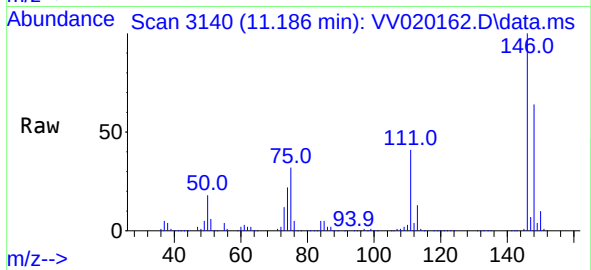




#64
1,3-Dichlorobenzene
Concen: 216.33 ug/L
RT: 11.186 min Scan# 3140
Delta R.T. -0.000 min
Lab File: VV020162.D
Acq: 25 Jan 2021 17:56

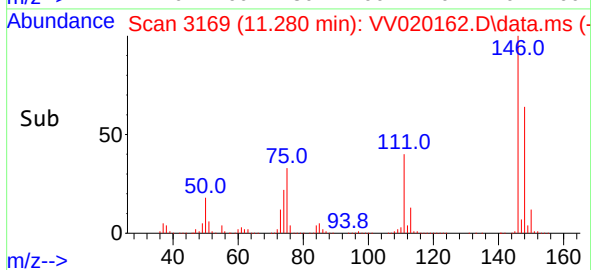
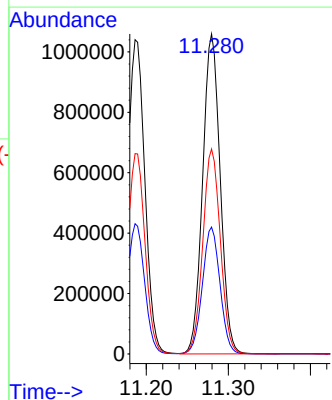
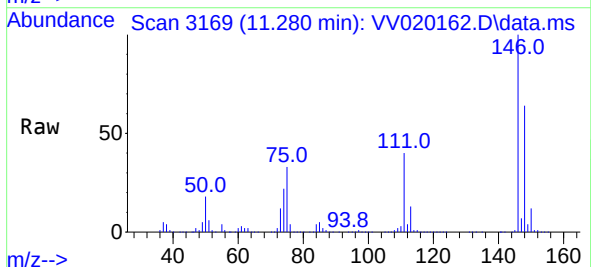
Instrument :
MSVOA_V
ClientSampleId :

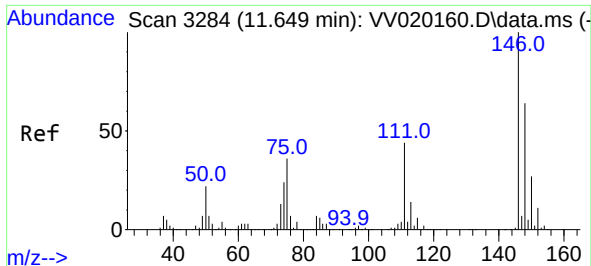
Tgt Ion:146 Resp: 1550431
Ion Ratio Lower Upper
146 100
111 41.4 27.3 50.7
148 63.7 45.2 84.0



#65
1,4-Dichlorobenzene
Concen: 212.12 ug/L
RT: 11.280 min Scan# 3169
Delta R.T. -0.000 min
Lab File: VV020162.D
Acq: 25 Jan 2021 17:56

Tgt Ion:146 Resp: 1573441
Ion Ratio Lower Upper
146 100
111 39.7 25.9 48.1
148 64.1 44.9 83.5

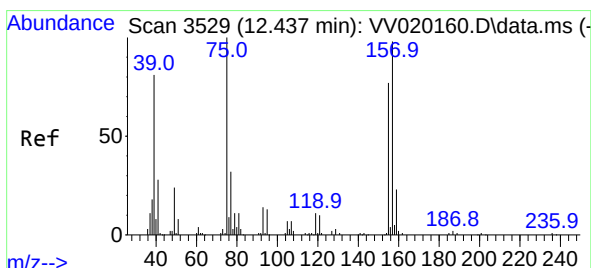
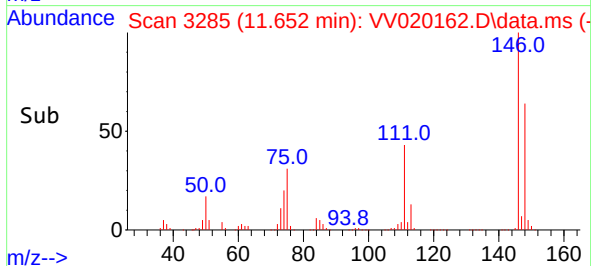
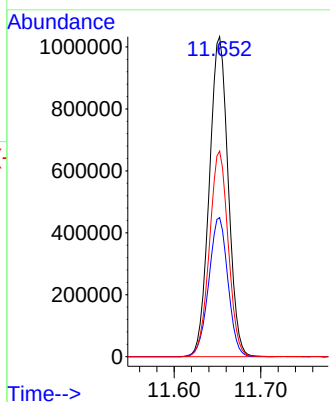
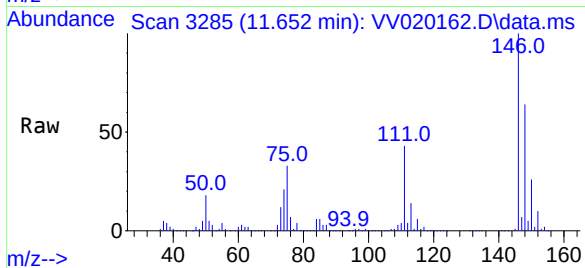




#67
1,2-Dichlorobenzene
Concen: 213.70 ug/L
RT: 11.652 min Scan# 3285
Delta R.T. 0.003 min
Lab File: VV020162.D
Acq: 25 Jan 2021 17:56

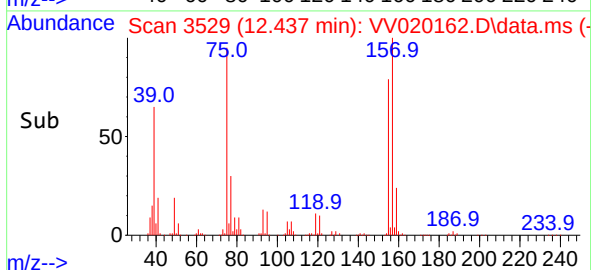
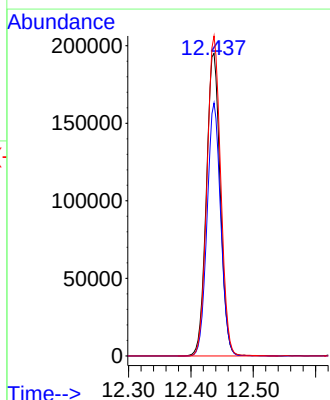
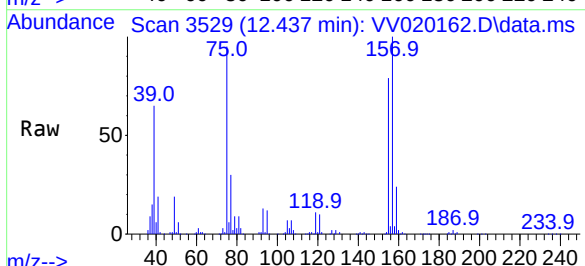
Instrument :
MSVOA_V
ClientSampleId :

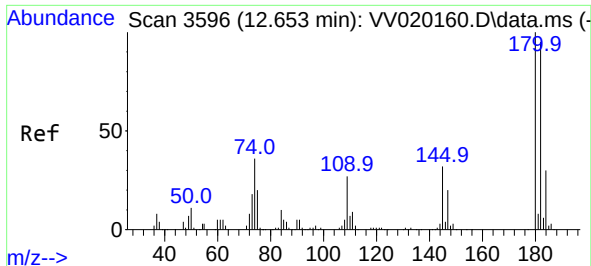
Tgt Ion:146 Resp: 1562072
Ion Ratio Lower Upper
146 100
111 43.4 32.6 48.8
148 64.2 50.1 75.1



#68
1,2-Dibromo-3-chloropropane
Concen: 246.03 ug/L
RT: 12.437 min Scan# 3529
Delta R.T. -0.000 min
Lab File: VV020162.D
Acq: 25 Jan 2021 17:56

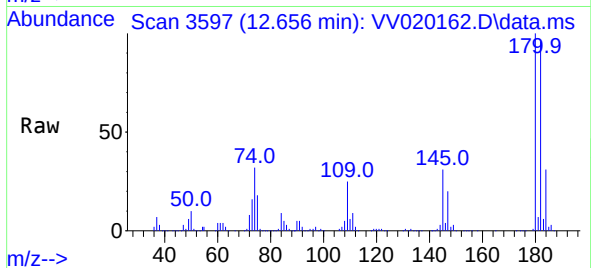
Tgt Ion: 75 Resp: 302482
Ion Ratio Lower Upper
75 100
155 83.6 65.8 98.6
157 105.8 86.3 129.5





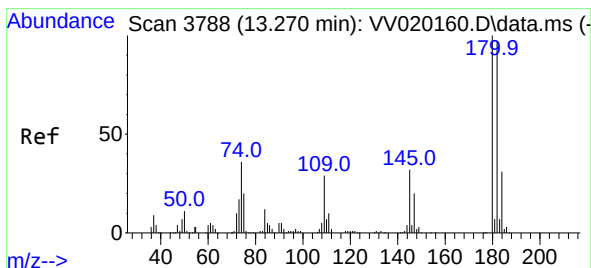
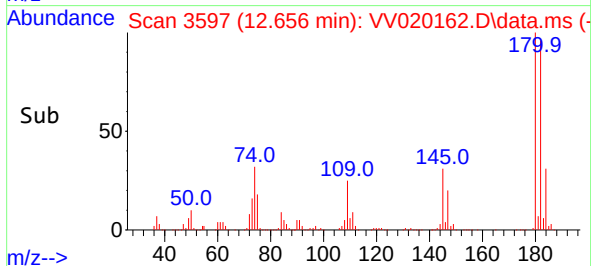
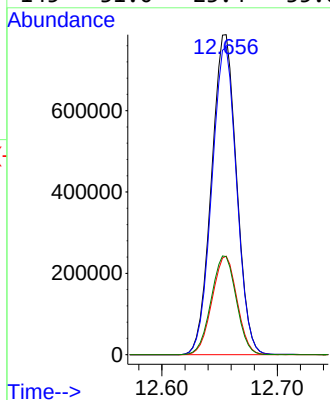
#69
1,3,5-Trichlorobenzene
Concen: 229.08 ug/L
RT: 12.656 min Scan# 3597
Delta R.T. 0.003 min
Lab File: VV020162.D
Acq: 25 Jan 2021 17:56

Instrument :
MSVOA_V
ClientSampleId :

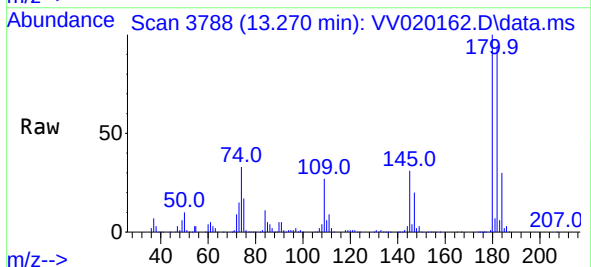


Tgt Ion:180 Resp: 1187373

Ion	Ratio	Lower	Upper
180	100		
182	95.3	77.7	116.5
184	30.6	24.9	37.3
145	31.0	23.4	35.0

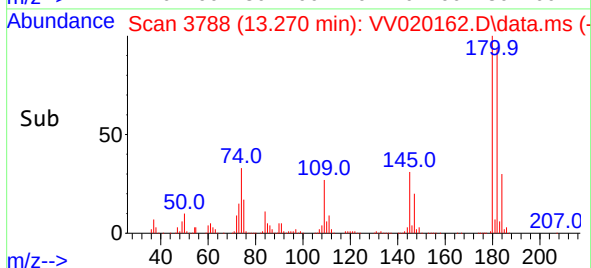
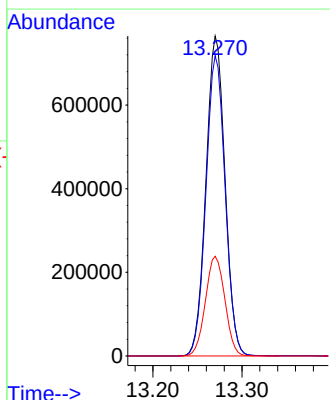


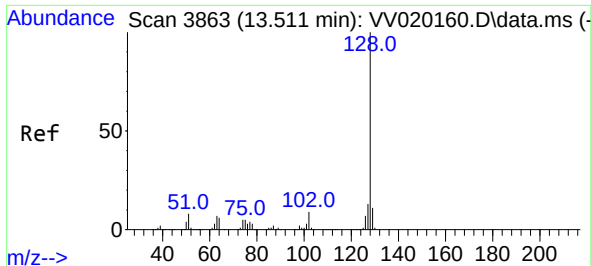
#70
1,2,4-trichlorobenzene
Concen: 231.72 ug/L
RT: 13.270 min Scan# 3788
Delta R.T. -0.000 min
Lab File: VV020162.D
Acq: 25 Jan 2021 17:56



Tgt Ion:180 Resp: 1139523

Ion	Ratio	Lower	Upper
180	100		
182	94.2	76.6	114.8
145	31.7	23.2	34.8

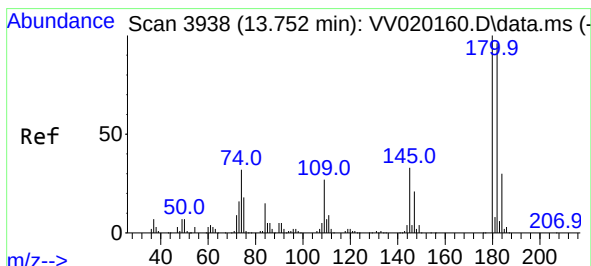
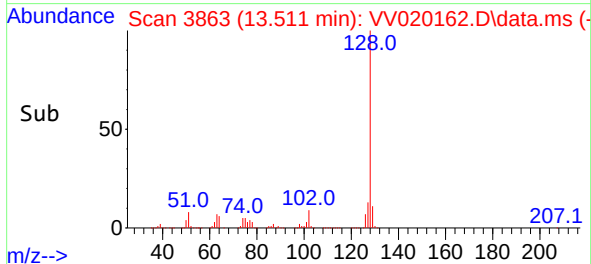
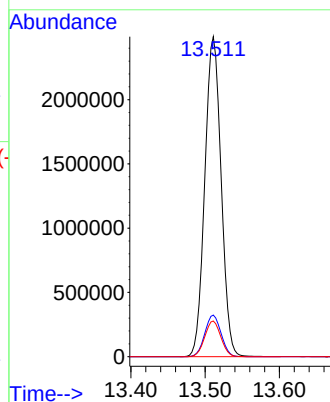
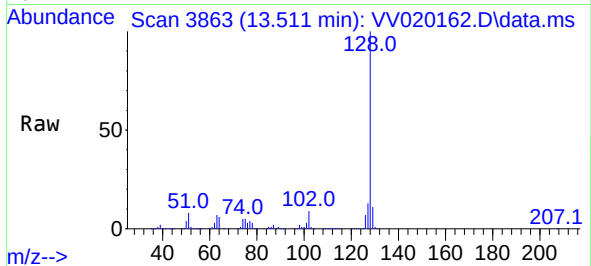




#71
Naphthalene
Concen: 257.68 ug/L
RT: 13.511 min Scan# 3863
Delta R.T. -0.000 min
Lab File: VV020162.D
Acq: 25 Jan 2021 17:56

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion:128 Resp: 3793246
Ion Ratio Lower Upper
128 100
127 13.0 10.7 16.1
129 11.0 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 214.97 ug/L
RT: 13.752 min Scan# 3938
Delta R.T. -0.000 min
Lab File: VV020162.D
Acq: 25 Jan 2021 17:56

Tgt Ion:180 Resp: 1082456
Ion Ratio Lower Upper
180 100
182 94.7 77.4 116.0
145 33.8 24.7 37.1

