

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012721\
 Data File : VV020173.D
 Acq On : 26 Jan 2021 15:23
 Operator : SY/MD
 Sample : VSTD05064
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 27 06:57:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM012721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 27 06:49:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	981530	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.855	117	945517	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.257	152	526209	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.306	65	326393	50.00	ug/L	0.00
7) Chloroethane-d5	1.569	69	265358	50.00	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.106	63	492039	50.00	ug/L	0.00
21) 2-Butanone-d5	3.888	46	460324	100.00	ug/L	0.00
24) Chloroform-d	4.354	84	615699	50.00	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.035	65	396465	50.00	ug/L	0.00
32) Benzene-d6	5.055	84	1172189	50.00	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.074	67	366950	50.00	ug/L	0.00
41) Toluene-d8	7.318	98	1093228	50.00	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.624	79	184634	50.00	ug/L	0.00
47) 2-Hexanone-d5	8.090	63	348722	100.00	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.222	84	505840	50.00	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.633	152	477391	50.00	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.129	85	334639	50.00	ug/L	100
3) Chloromethane	1.241	50	375657	50.00	ug/L	100
5) Vinyl chloride	1.312	62	342113	50.00	ug/L	100
6) Bromomethane	1.521	94	187735	50.00	ug/L	100
8) Chloroethane	1.585	64	214194	50.00	ug/L	100
9) Trichlorofluoromethane	1.753	101	498674	50.00	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.116	101	234984	50.00	ug/L	100
12) 1,1-Dichloroethene	2.119	96	223148	50.00	ug/L	100
13) Acetone	2.180	43	216326	100.00	ug/L	100
14) Carbon disulfide	2.293	76	616110	50.00	ug/L	100
15) Methyl Acetate	2.434	43	258907	50.00	ug/L	100
16) Methylene chloride	2.508	84	261279	50.00	ug/L	100
17) trans-1,2-Dichloroethene	2.762	96	261554	50.00	ug/L	100
18) Methyl tert-butyl Ether	2.769	73	825968	50.00	ug/L	100
19) 1,1-Dichloroethane	3.193	63	548268	50.00	ug/L	100
20) cis-1,2-Dichloroethene	3.913	96	320069	50.00	ug/L	100
22) 2-Butanone	3.971	43	458758	100.00	ug/L	100
23) Bromochloromethane	4.251	128	171433	50.00	ug/L	100
25) Chloroform	4.380	83	569591	50.00	ug/L	100
27) 1,2-Dichloroethane	5.135	62	460360	50.00	ug/L	100
29) Cyclohexane	4.682	56	457345	50.00	ug/L	100
30) 1,1,1-Trichloroethane	4.611	97	501049	50.00	ug/L	100
31) Carbon tetrachloride	4.833	117	436694	50.00	ug/L	100
33) Benzene	5.103	78	1197787	50.00	ug/L	100
34) Trichloroethene	5.916	95	318327	50.00	ug/L	100
35) Methylcyclohexane	6.135	83	474373	50.00	ug/L	100
37) 1,2-Dichloropropane	6.177	63	313103	50.00	ug/L	100
38) Bromodichloromethane	6.515	83	424934	50.00	ug/L	100
39) cis-1,3-Dichloropropene	7.032	75	500053	50.00	ug/L	100
40) 4-Methyl-2-pentanone	7.228	43	914534	100.00	ug/L	100
42) Toluene	7.392	91	1289981	50.00	ug/L	100
44) trans-1,3-Dichloropropene	7.653	75	482906	50.00	ug/L	100

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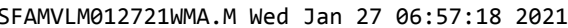
Instrument :
 MSVOA_V
 ClientSampleId :

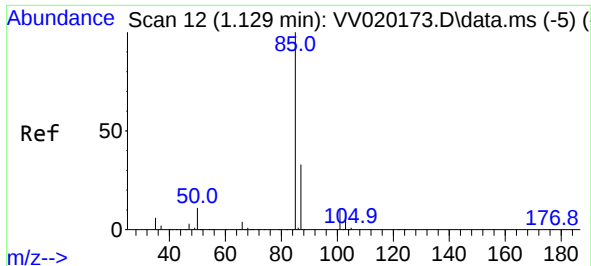
Quant Time: Jan 27 06:57:08 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.842	97	312074	50.00	ug/L	100
46) Tetrachloroethene	7.981	164	269281	50.00	ug/L	100
48) 2-Hexanone	8.141	43	707919	100.00	ug/L	100
49) Dibromochloromethane	8.251	129	352085	50.00	ug/L	100
50) 1,2-Dibromoethane	8.357	107	337206	50.00	ug/L	100
51) Chlorobenzene	8.884	112	858593	50.00	ug/L	100
52) Ethylbenzene	9.016	91	1452636	50.00	ug/L	100
53) m,p-Xylene	9.145	106	551741	50.00	ug/L	100
54) o-Xylene	9.550	106	535575	50.00	ug/L	100
55) Styrene	9.566	104	958081	50.00	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.247	83	491240	50.00	ug/L	100
59) Bromoform	9.736	173	272420	50.00	ug/L	100
60) Isopropylbenzene	9.936	105	1293942	50.00	ug/L	100
61) 1,2,3-Trichloropropane	10.280	75	403031	50.00	ug/L	100
62) 1,3,5-Trimethylbenzene	10.543	105	1132859	50.00	ug/L	100
63) 1,2,4-Trimethylbenzene	10.919	105	1175162	50.00	ug/L	100
64) 1,3-Dichlorobenzene	11.186	146	732295	50.00	ug/L	100
65) 1,4-Dichlorobenzene	11.280	146	745603	50.00	ug/L	100
67) 1,2-Dichlorobenzene	11.649	146	730935	50.00	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.437	75	124963	50.00	ug/L	100
69) 1,3,5-Trichlorobenzene	12.653	180	605917	50.00	ug/L	100
70) 1,2,4-trichlorobenzene	13.270	180	567748	50.00	ug/L	100
71) Naphthalene	13.511	128	1694069	50.00	ug/L	100
72) 1,2,3-Trichlorobenzene	13.752	180	561643	50.00	ug/L	100

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

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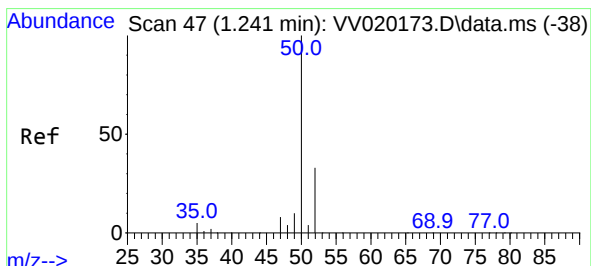
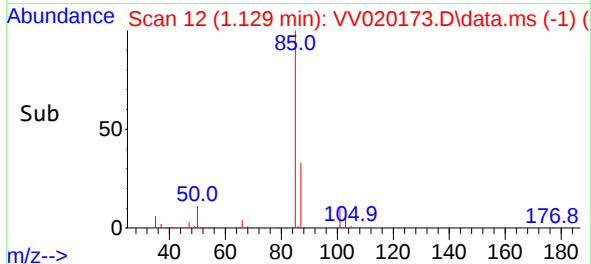
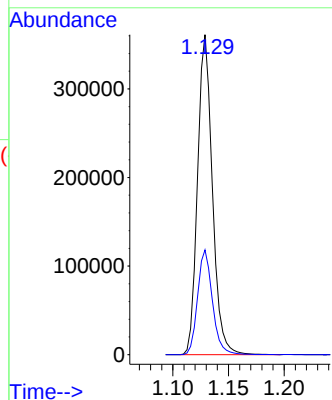
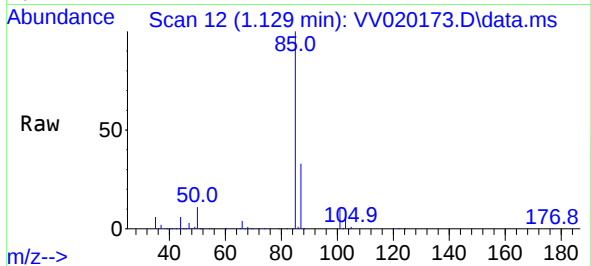




#2
Dichlorodifluoromethane
Concen: 50.00 ug/L
RT: 1.129 min Scan# 12
Delta R.T. 0.000 min
Lab File: VV020173.D
Acq: 26 Jan 2021 15:23

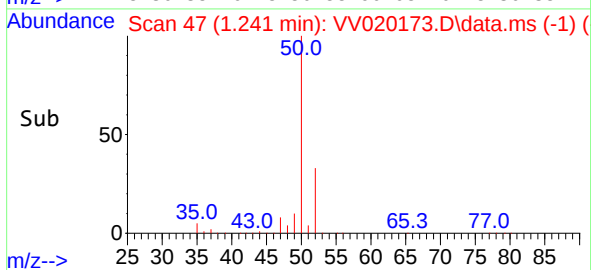
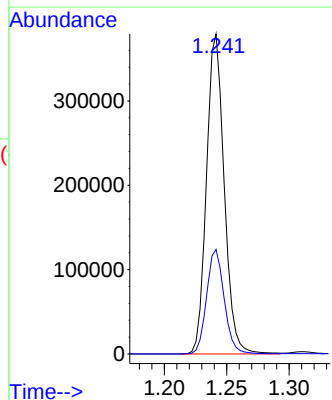
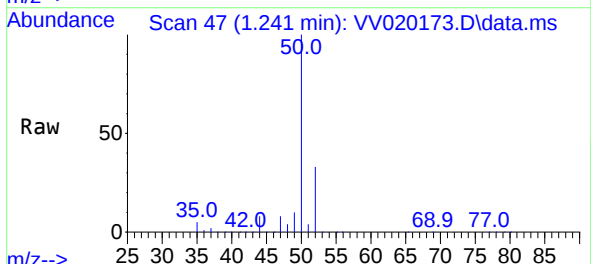
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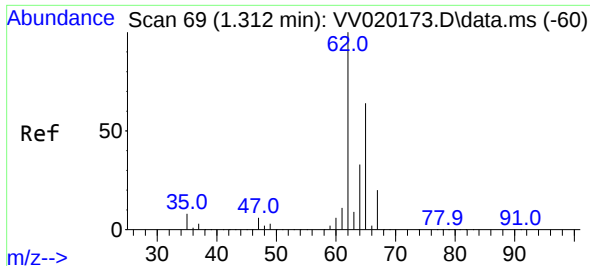
Tgt Ion: 85 Resp: 334639
Ion Ratio Lower Upper
85 100
87 32.7 26.2 39.2



#3
Chloromethane
Concen: 50.00 ug/L
RT: 1.241 min Scan# 47
Delta R.T. 0.000 min
Lab File: VV020173.D
Acq: 26 Jan 2021 15:23

Tgt Ion: 50 Resp: 375657
Ion Ratio Lower Upper
50 100
52 32.7 22.9 42.5

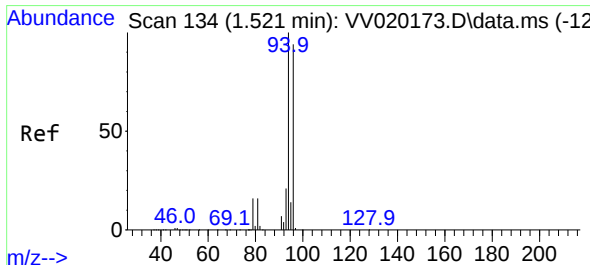
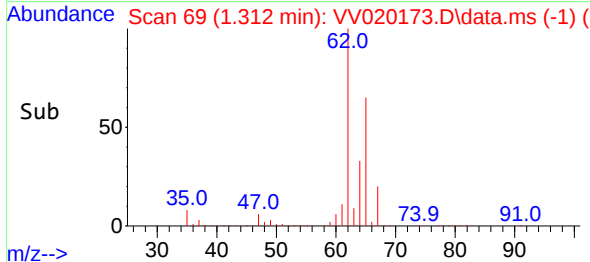
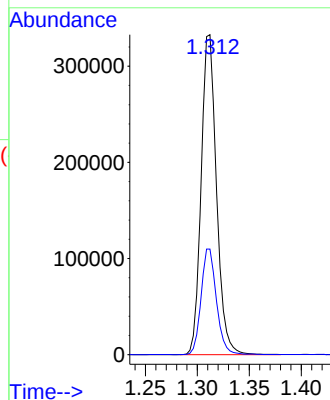
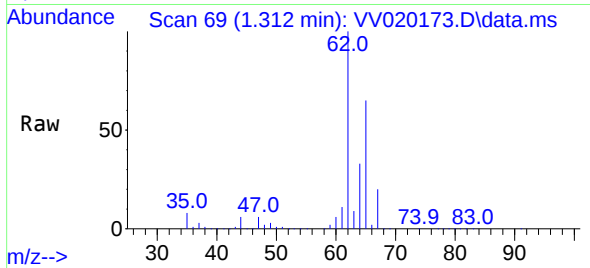




#5
 Vinyl chloride
 Concen: 50.00 ug/L
 RT: 1.312 min Scan# 69
 Delta R.T. 0.000 min
 Lab File: VV020173.D
 Acq: 26 Jan 2021 15:23

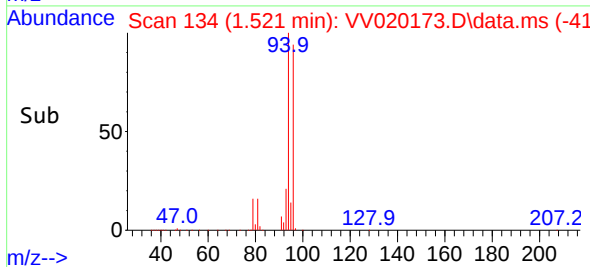
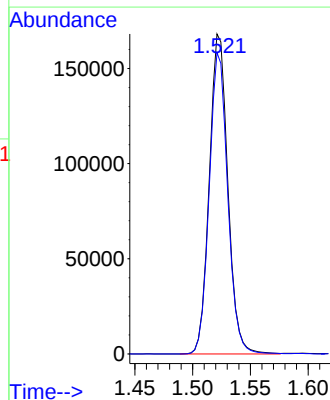
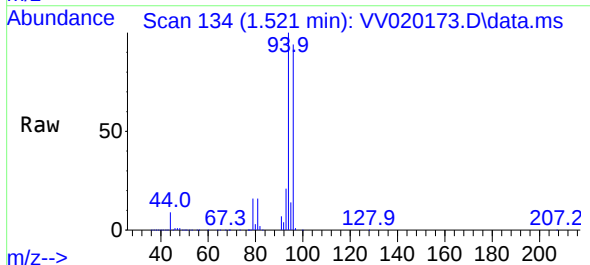
Instrument :
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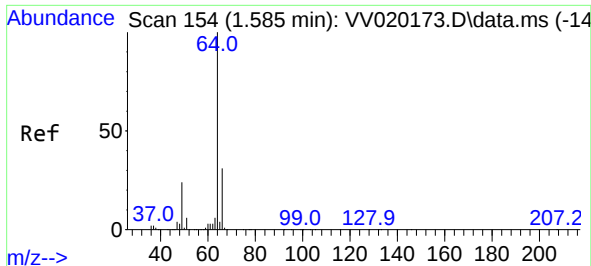
Tgt Ion: 62 Resp: 342113
 Ion Ratio Lower Upper
 62 100
 64 33.0 23.1 42.9



#6
 Bromomethane
 Concen: 50.00 ug/L
 RT: 1.521 min Scan# 134
 Delta R.T. 0.000 min
 Lab File: VV020173.D
 Acq: 26 Jan 2021 15:23

Tgt Ion: 94 Resp: 187735
 Ion Ratio Lower Upper
 94 100
 96 94.2 65.9 122.5

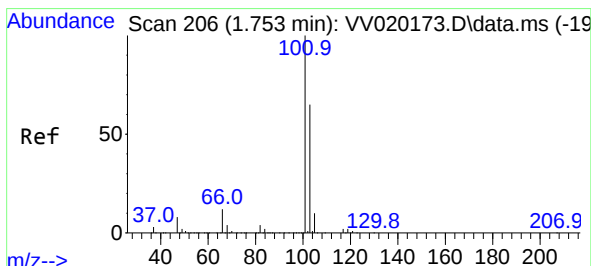
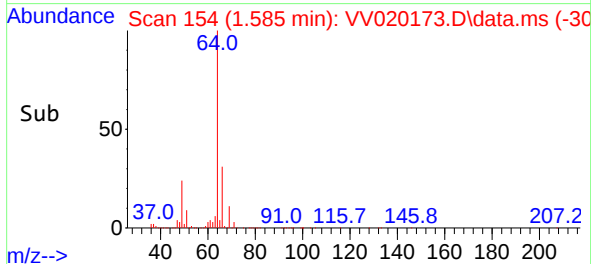
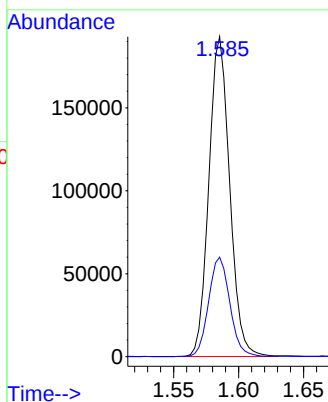
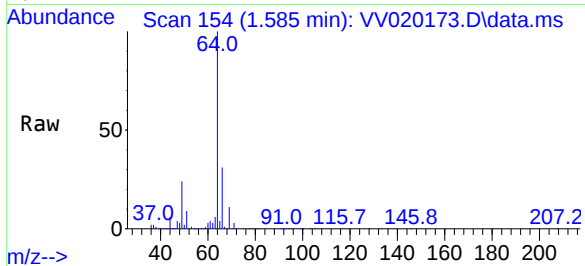




#8
Chloroethane
Concen: 50.00 ug/L
RT: 1.585 min Scan# 154
Delta R.T. 0.000 min
Lab File: VV020173.D
Acq: 26 Jan 2021 15:23

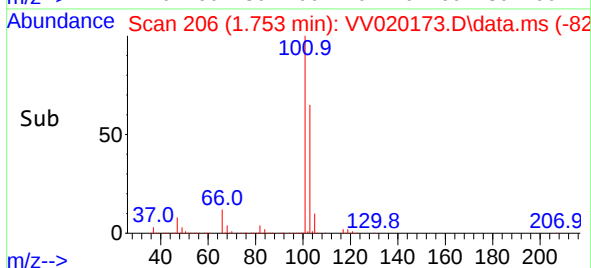
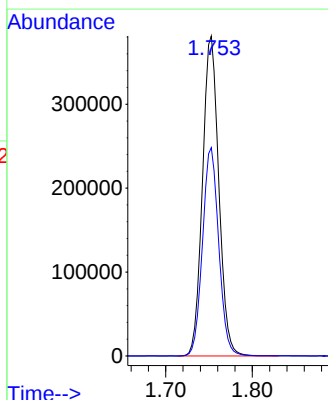
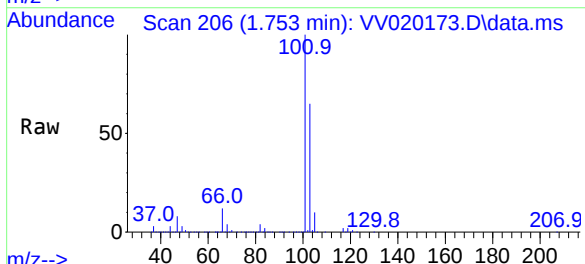
Instrument :
MSVOA_V
ClientSampled :

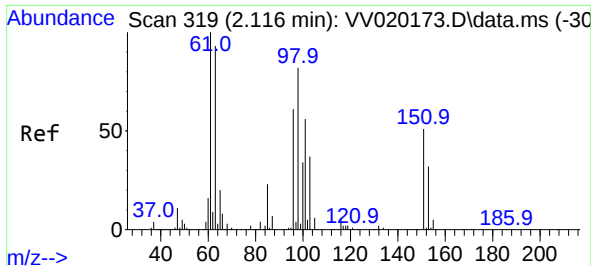
Tgt Ion: 64 Resp: 214194
Ion Ratio Lower Upper
64 100
66 31.1 21.8 40.4



#9
Trichlorofluoromethane
Concen: 50.00 ug/L
RT: 1.753 min Scan# 206
Delta R.T. 0.000 min
Lab File: VV020173.D
Acq: 26 Jan 2021 15:23

Tgt Ion:101 Resp: 498674
Ion Ratio Lower Upper
101 100
103 64.7 51.8 77.6

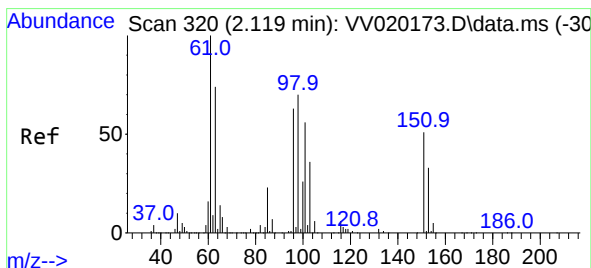
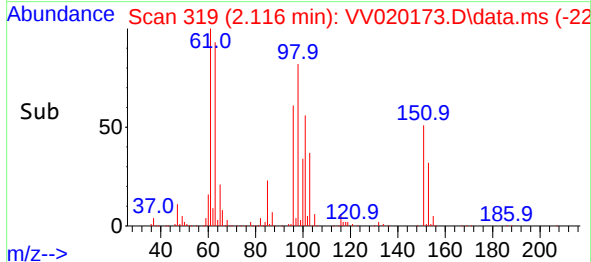
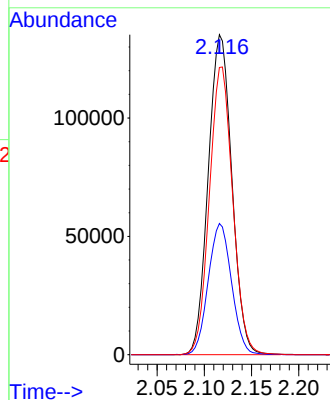
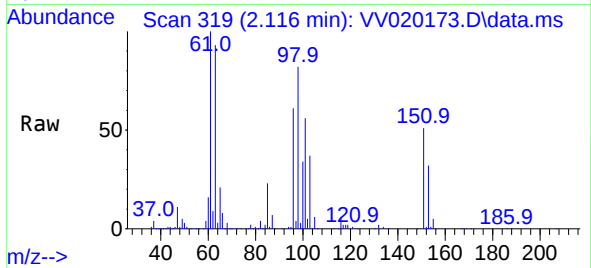




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 50.00 ug/L
RT: 2.116 min Scan# 319
Delta R.T. 0.000 min
Lab File: VV020173.D
Acq: 26 Jan 2021 15:23

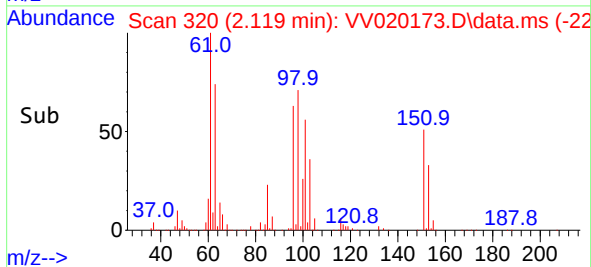
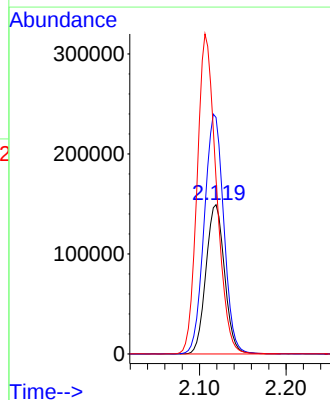
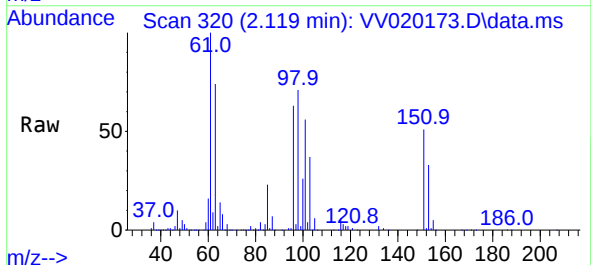
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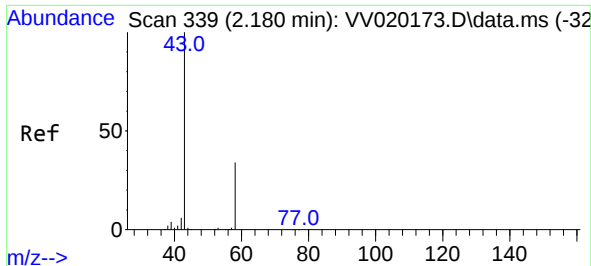
Tgt Ion:101 Resp: 234984
Ion Ratio Lower Upper
101 100
85 40.5 32.4 48.6
151 88.8 71.0 106.6



#12
1,1-Dichloroethene
Concen: 50.00 ug/L
RT: 2.119 min Scan# 320
Delta R.T. 0.000 min
Lab File: VV020173.D
Acq: 26 Jan 2021 15:23

Tgt Ion: 96 Resp: 223148
Ion Ratio Lower Upper
96 100
61 158.5 110.9 206.1
63 117.3 82.1 152.5

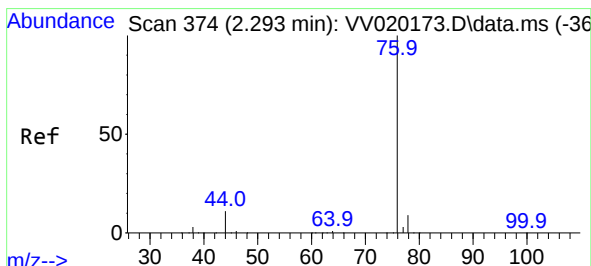
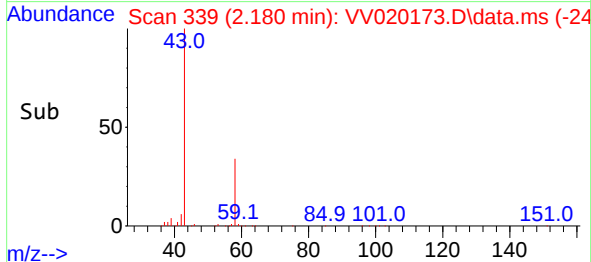
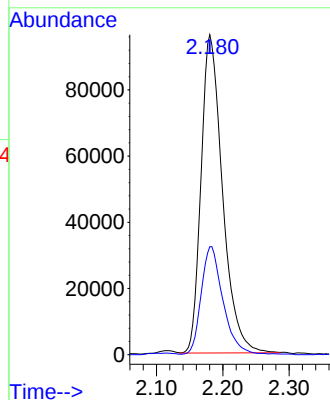
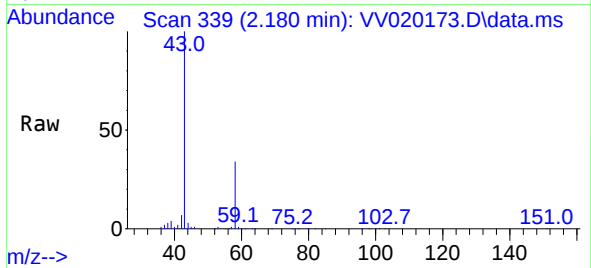




#13
Acetone
Concen: 100.00 ug/L
RT: 2.180 min Scan# 339
Delta R.T. 0.000 min
Lab File: VV020173.D
Acq: 26 Jan 2021 15:23

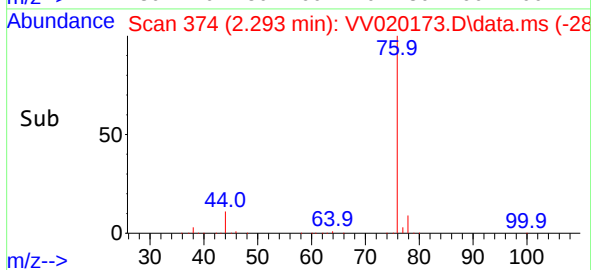
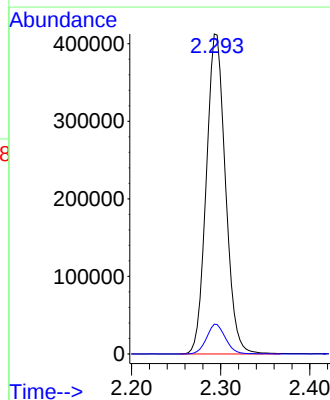
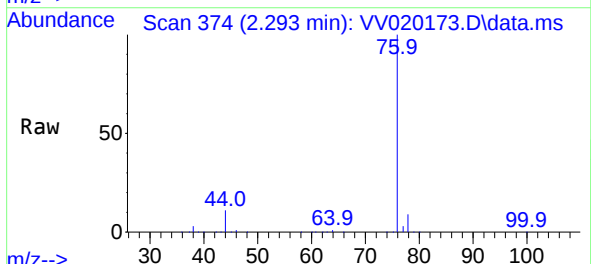
Instrument :
MSVOA_V
ClientSampled :

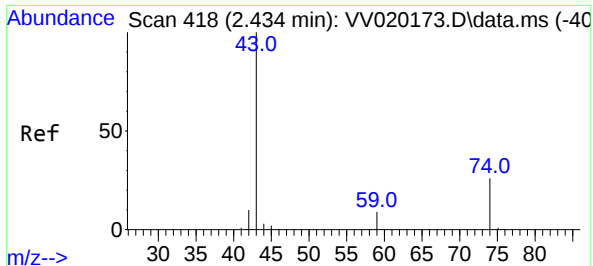
Tgt Ion: 43 Resp: 216326
Ion Ratio Lower Upper
43 100
58 34.0 0.0 68.0



#14
Carbon disulfide
Concen: 50.00 ug/L
RT: 2.293 min Scan# 374
Delta R.T. 0.000 min
Lab File: VV020173.D
Acq: 26 Jan 2021 15:23

Tgt Ion: 76 Resp: 616110
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2

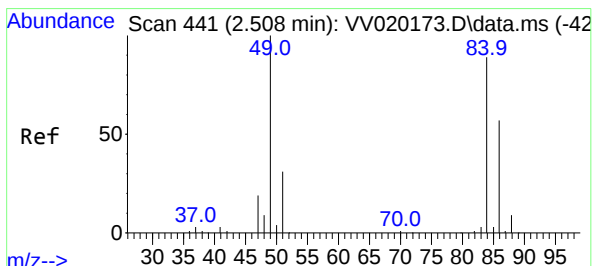
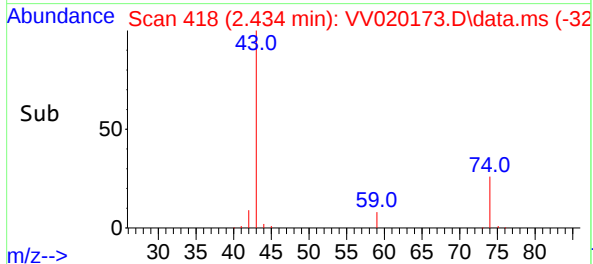
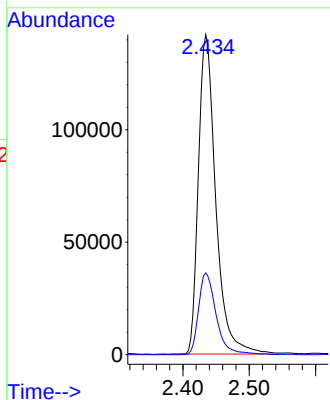
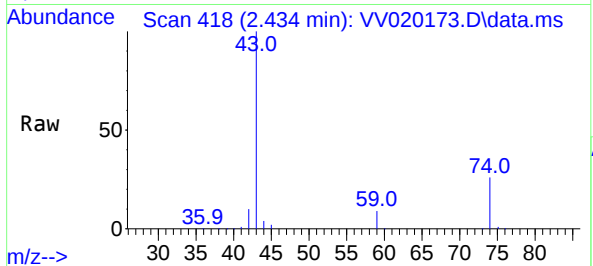




#15
Methyl Acetate
Concen: 50.00 ug/L
RT: 2.434 min Scan# 418
Delta R.T. 0.000 min
Lab File: VV020173.D
Acq: 26 Jan 2021 15:23

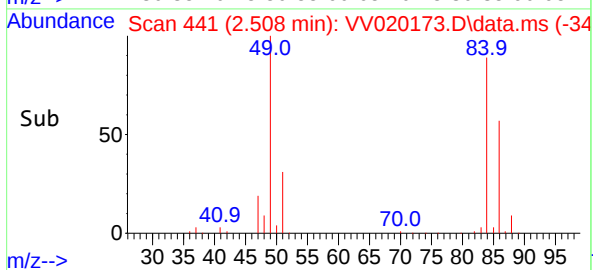
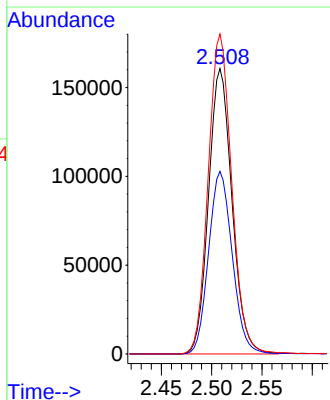
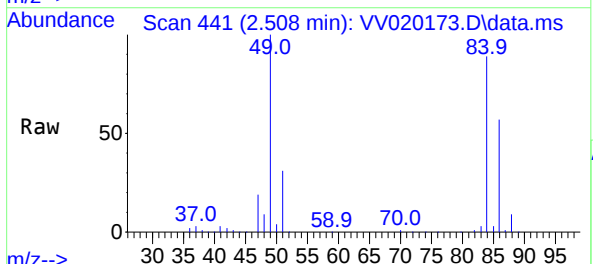
Instrument :
MSVOA_V
ClientSampled :

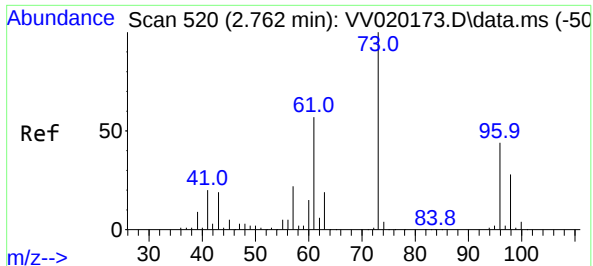
Tgt Ion: 43 Resp: 258907
Ion Ratio Lower Upper
43 100
74 25.7 20.6 30.8



#16
Methylene chloride
Concen: 50.00 ug/L
RT: 2.508 min Scan# 441
Delta R.T. 0.000 min
Lab File: VV020173.D
Acq: 26 Jan 2021 15:23

Tgt Ion: 84 Resp: 261279
Ion Ratio Lower Upper
84 100
86 64.0 44.8 83.2
49 112.1 78.5 145.7

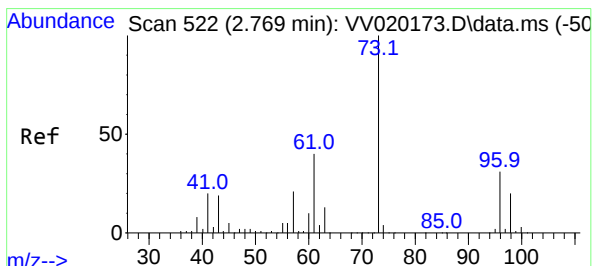
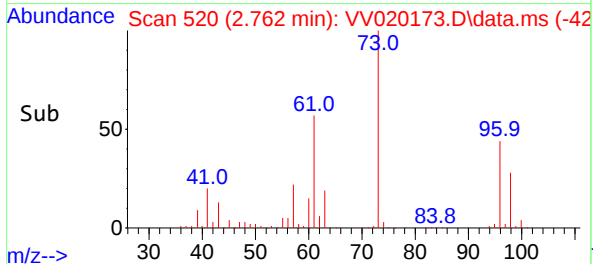
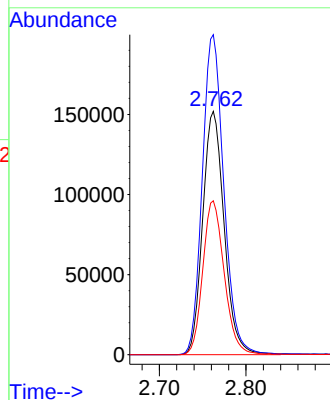
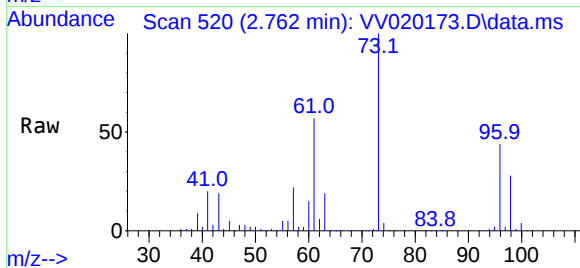




#17

trans-1,2-Dichloroethene
Concen: 50.00 ug/L
RT: 2.762 min Scan# 520
Delta R.T. 0.000 min
Lab File: VV020173.D
Acq: 26 Jan 2021 15:23

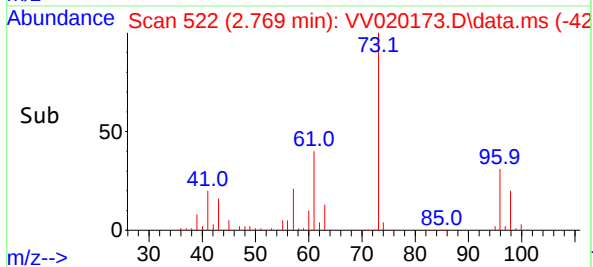
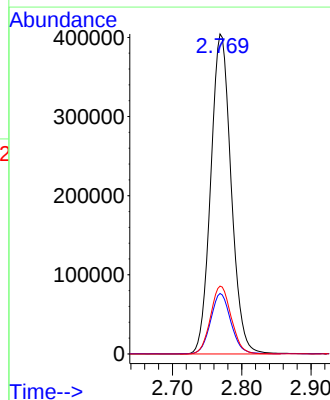
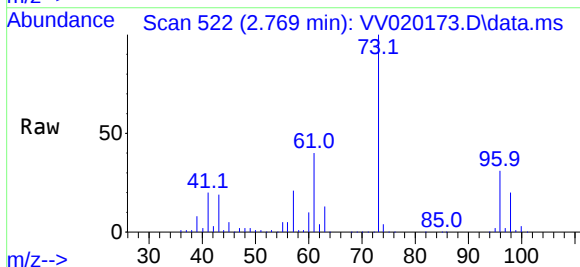
Tgt Ion: 96 Resp: 261554
Ion Ratio Lower Upper
96 100
61 131.5 92.0 170.9
98 63.2 44.2 82.2

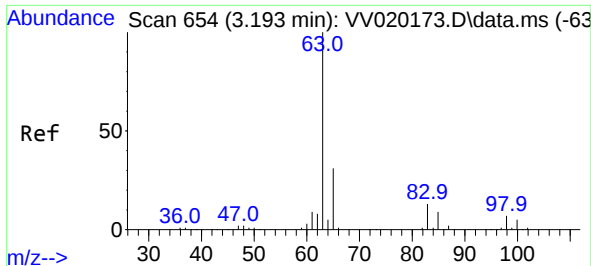


#18

Methyl tert-butyl Ether
Concen: 50.00 ug/L
RT: 2.769 min Scan# 522
Delta R.T. 0.000 min
Lab File: VV020173.D
Acq: 26 Jan 2021 15:23

Tgt Ion: 73 Resp: 825968
Ion Ratio Lower Upper
73 100
43 18.8 15.0 22.6
57 21.5 17.2 25.8



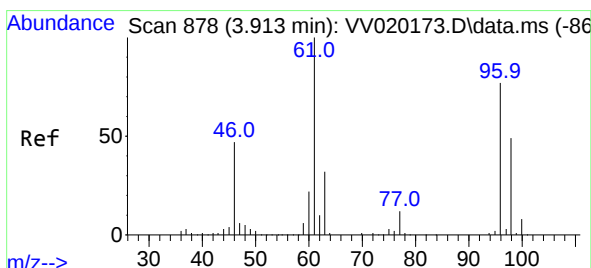
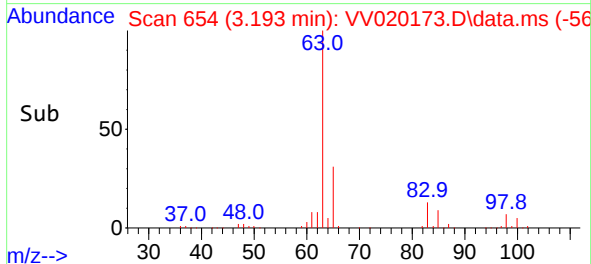
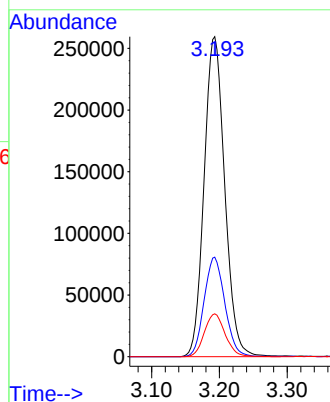
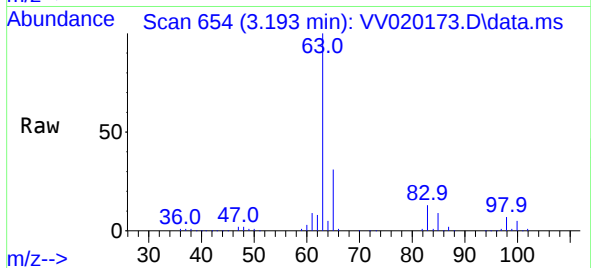


#19
1,1-Dichloroethane
Concen: 50.00 ug/L
RT: 3.193 min Scan# 654
Delta R.T. 0.000 min
Lab File: VV020173.D
Acq: 26 Jan 2021 15:23

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 63 Resp: 548268

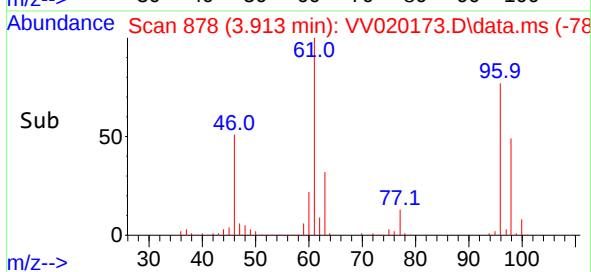
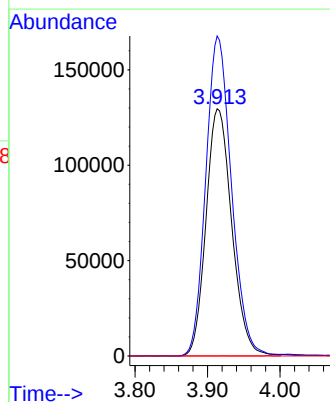
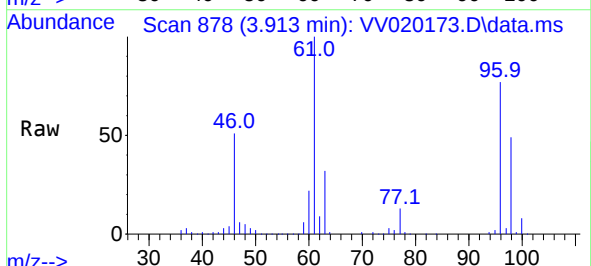
Ion	Ratio	Lower	Upper
63	100		
65	31.1	21.8	40.4
83	13.4	9.4	17.4

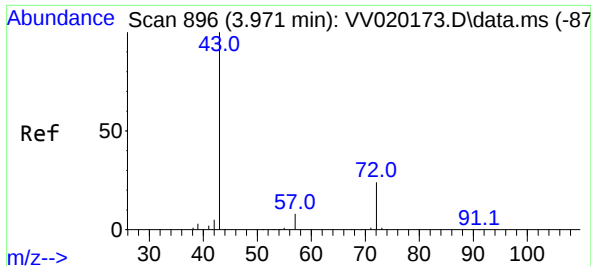


#20
cis-1,2-Dichloroethene
Concen: 50.00 ug/L
RT: 3.913 min Scan# 878
Delta R.T. 0.000 min
Lab File: VV020173.D
Acq: 26 Jan 2021 15:23

Tgt Ion: 96 Resp: 320069

Ion	Ratio	Lower	Upper
96	100		
61	129.5	90.6	168.3
68	0.0	0.0	0.0

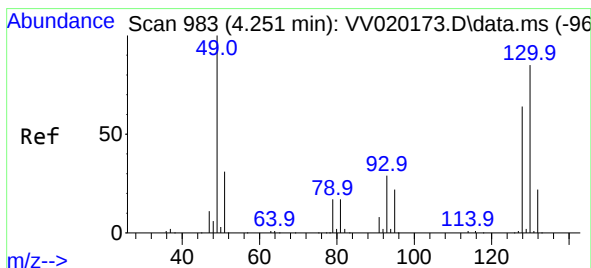
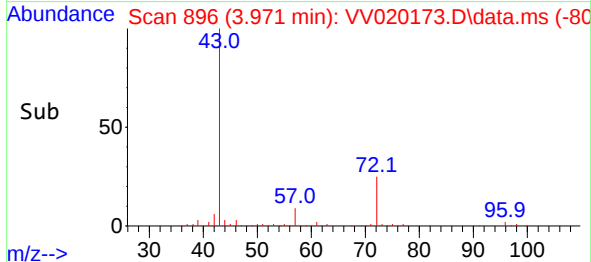
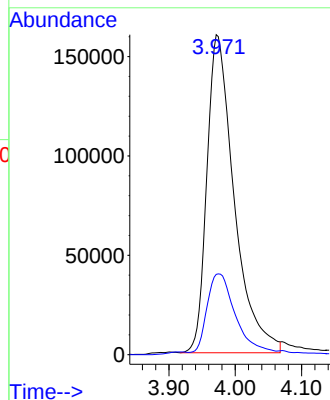
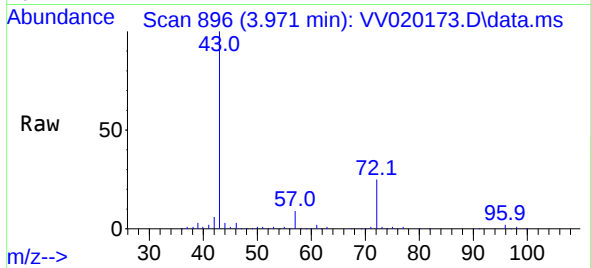




#22
2-Butanone
Concen: 100.00 ug/L
RT: 3.971 min Scan# 896
Delta R.T. 0.000 min
Lab File: VV020173.D
Acq: 26 Jan 2021 15:23

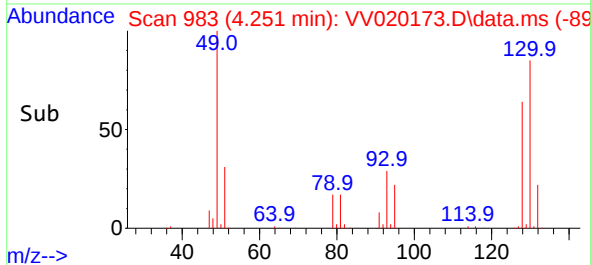
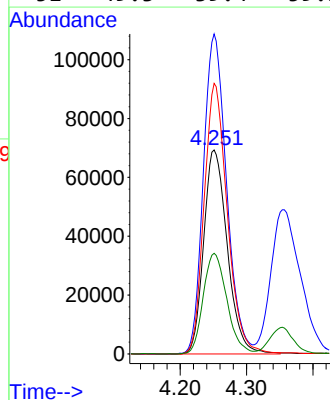
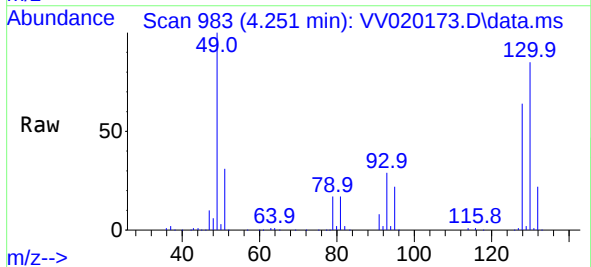
Instrument :
MSVOA_V
ClientSampled :

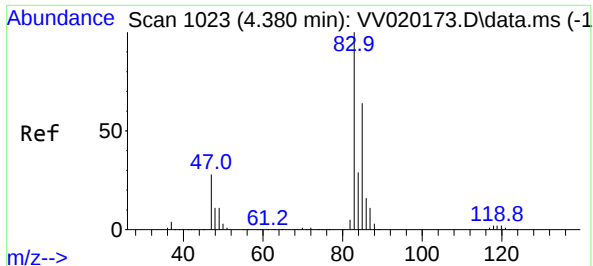
Tgt Ion: 43 Resp: 458758
Ion Ratio Lower Upper
43 100
72 25.4 12.7 38.1



#23
Bromochloromethane
Concen: 50.00 ug/L
RT: 4.251 min Scan# 983
Delta R.T. 0.000 min
Lab File: VV020173.D
Acq: 26 Jan 2021 15:23

Tgt Ion:128 Resp: 171433
Ion Ratio Lower Upper
128 100
49 156.8 109.8 203.8
130 132.6 92.8 172.4
51 49.3 39.4 59.2



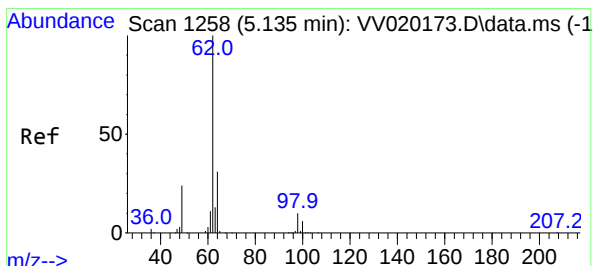
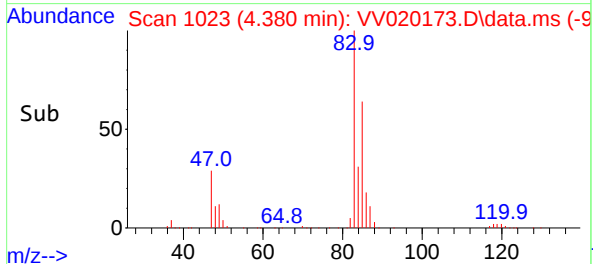
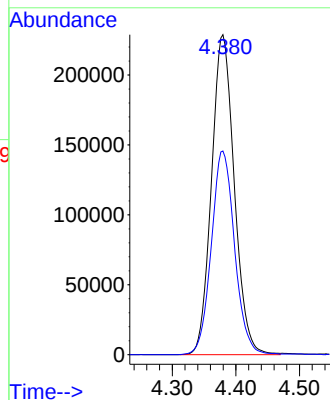
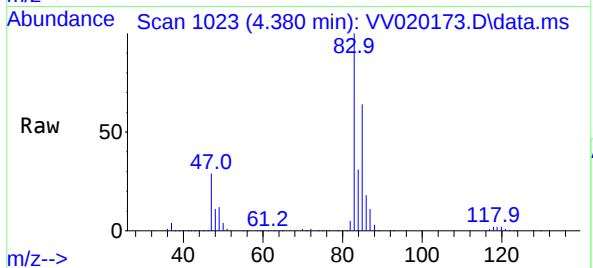


#25

Chloroform
Concen: 50.00 ug/L
RT: 4.380 min Scan# 1023
Delta R.T. 0.000 min
Lab File: VV020173.D
Acq: 26 Jan 2021 15:23

Instrument :
MSVOA_V
ClientSampleId :

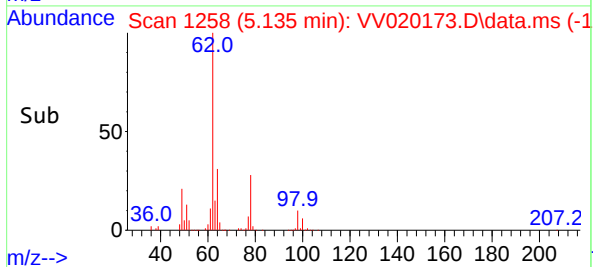
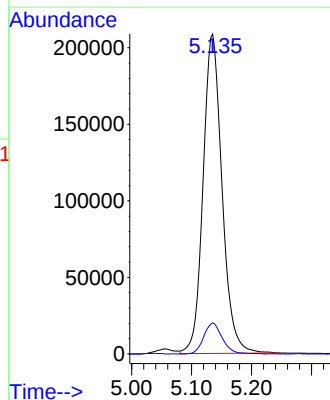
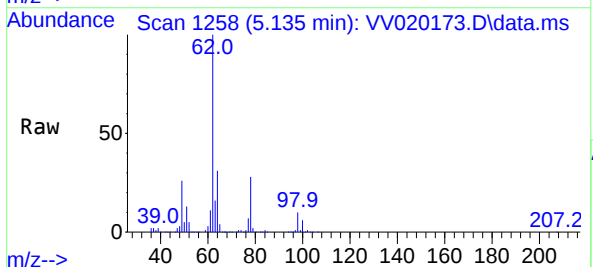
Tgt Ion: 83 Resp: 569591
Ion Ratio Lower Upper
83 100
85 63.7 44.6 82.8

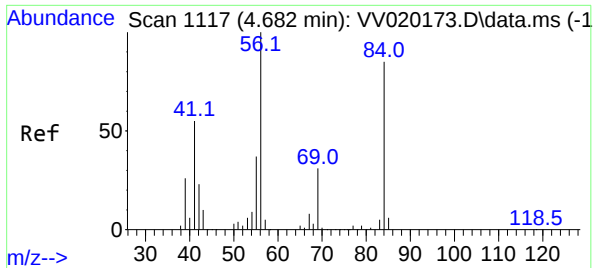


#27

1,2-Dichloroethane
Concen: 50.00 ug/L
RT: 5.135 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VV020173.D
Acq: 26 Jan 2021 15:23

Tgt Ion: 62 Resp: 460360
Ion Ratio Lower Upper
62 100
98 9.7 7.8 11.6





#29

Cyclohexane

Concen: 50.00 ug/L

RT: 4.682 min Scan# 1117

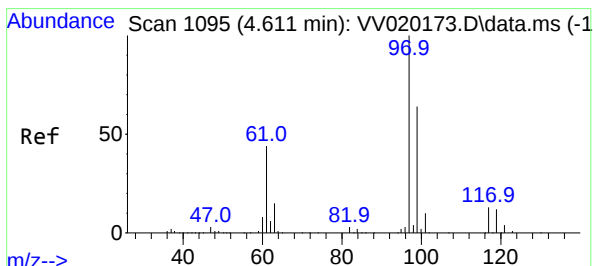
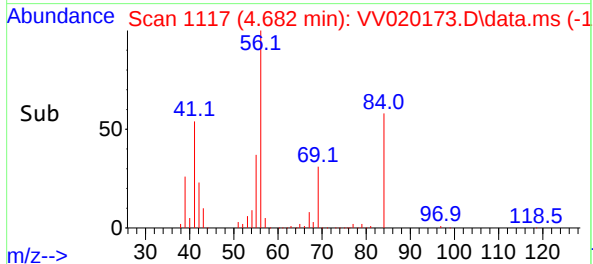
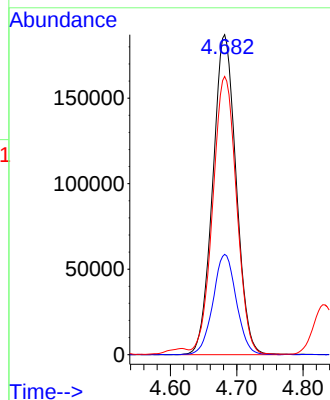
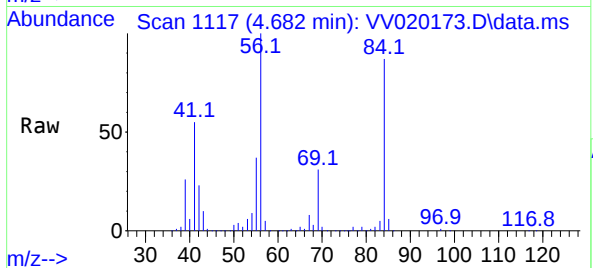
Delta R.T. 0.000 min

Lab File: VV020173.D

Acq: 26 Jan 2021 15:23

Tgt Ion: 56 Resp: 457345

Ion	Ratio	Lower	Upper
56	100		
69	31.4	25.1	37.7
84	88.3	70.6	106.0



#30

1,1,1-Trichloroethane

Concen: 50.00 ug/L

RT: 4.611 min Scan# 1095

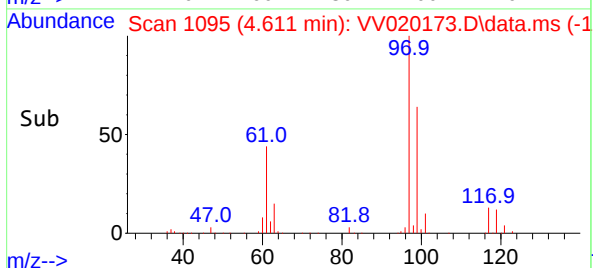
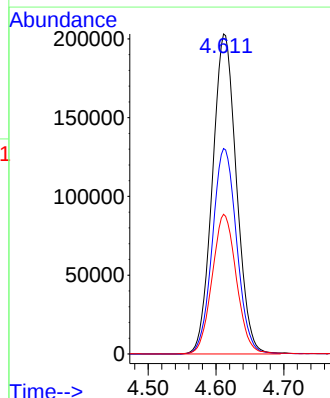
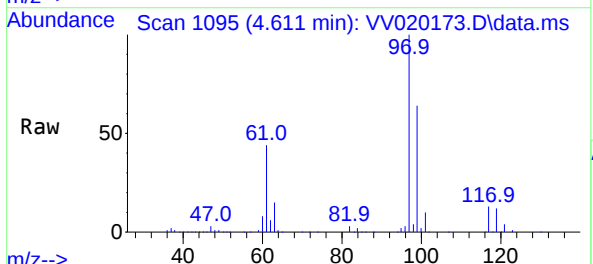
Delta R.T. 0.000 min

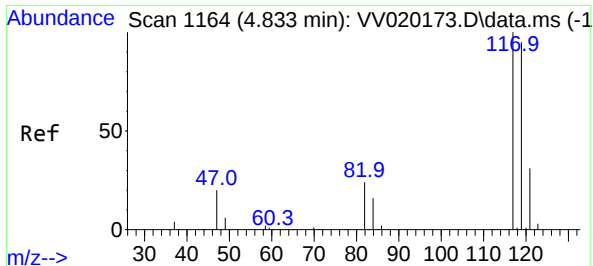
Lab File: VV020173.D

Acq: 26 Jan 2021 15:23

Tgt Ion: 97 Resp: 501049

Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.9	77.9
61	44.3	35.4	53.2

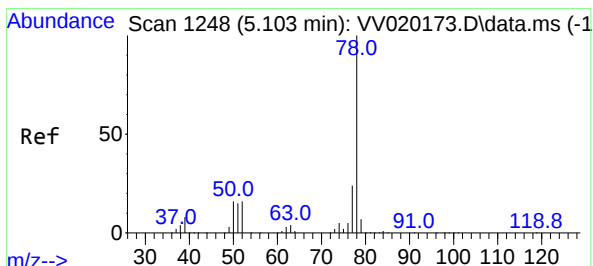
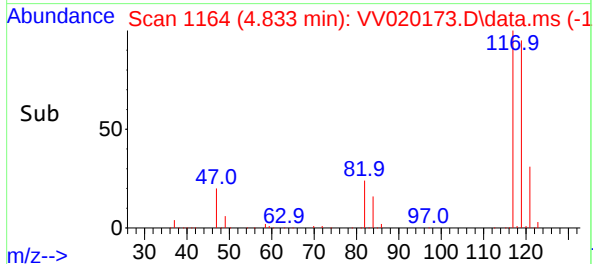
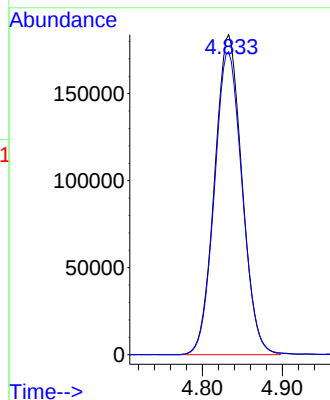
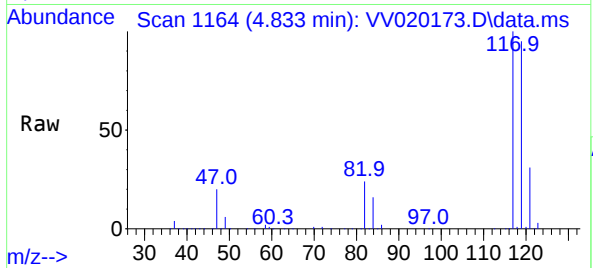




#31
Carbon tetrachloride
Concen: 50.00 ug/L
RT: 4.833 min Scan# 1164
Delta R.T. 0.000 min
Lab File: VV020173.D
Acq: 26 Jan 2021 15:23

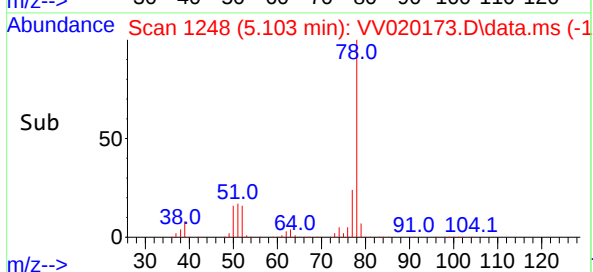
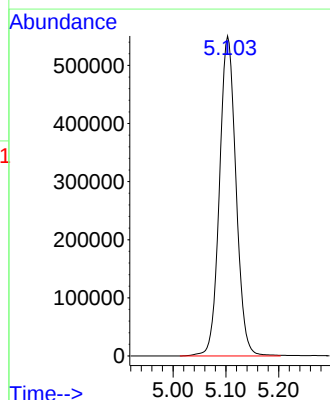
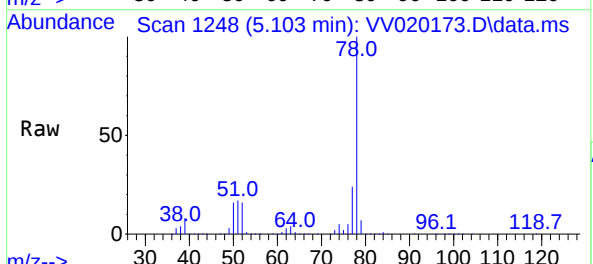
Instrument :
MSVOA_V
ClientSampleId :

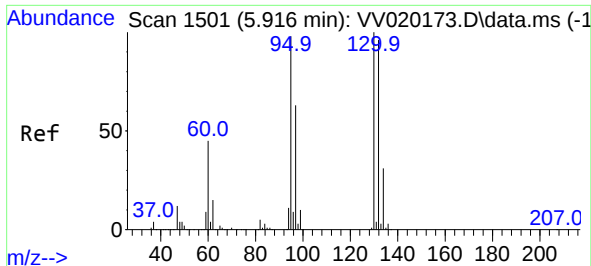
Tgt Ion:117 Resp: 436694
Ion Ratio Lower Upper
117 100
119 96.1 76.9 115.3



#33
Benzene
Concen: 50.00 ug/L
RT: 5.103 min Scan# 1248
Delta R.T. 0.000 min
Lab File: VV020173.D
Acq: 26 Jan 2021 15:23

Tgt Ion: 78 Resp: 1197787

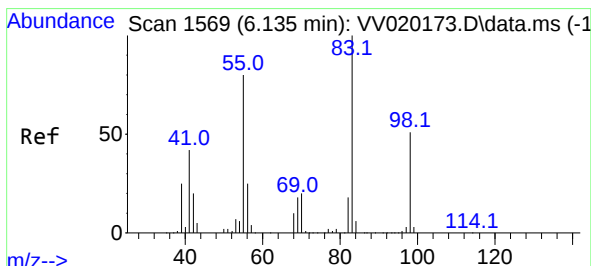
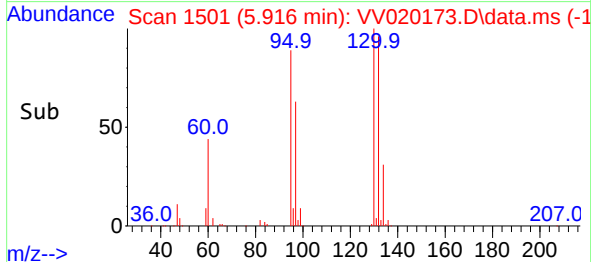
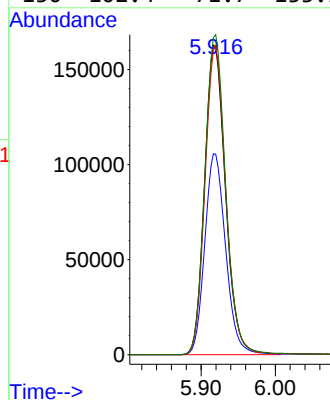
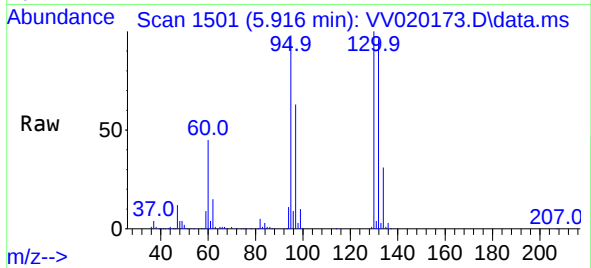




#34
Trichloroethene
Concen: 50.00 ug/L
RT: 5.916 min Scan# 1501
Delta R.T. 0.000 min
Lab File: VV020173.D
Acq: 26 Jan 2021 15:23

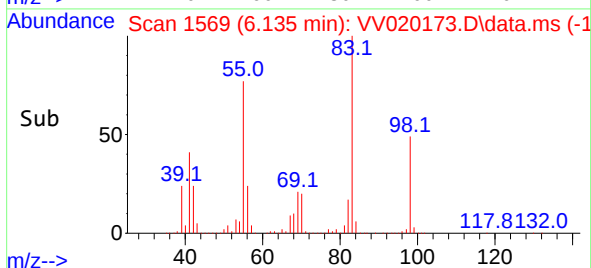
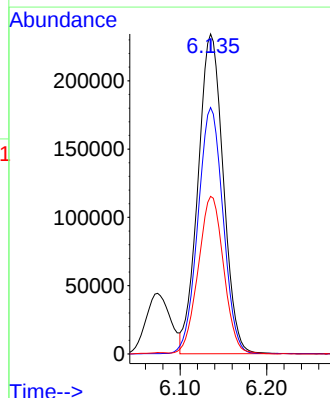
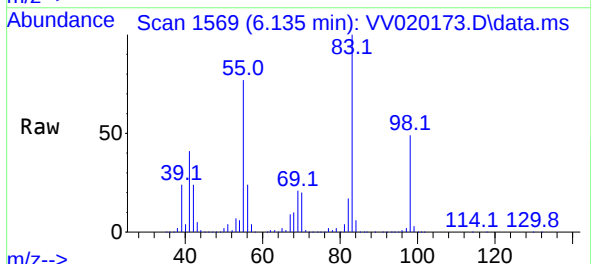
Instrument :
MSVOA_V
ClientSampled :

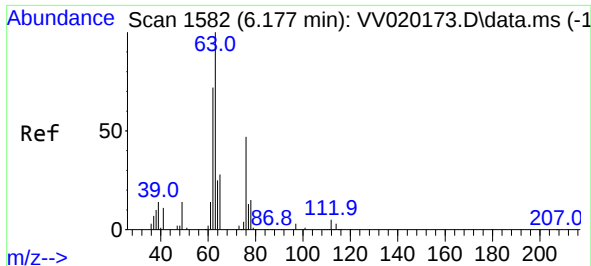
Tgt Ion: 95 Resp: 318327
Ion Ratio Lower Upper
95 100
97 64.9 45.4 84.4
132 98.2 68.7 127.7
130 102.4 71.7 133.1



#35
Methylcyclohexane
Concen: 50.00 ug/L
RT: 6.135 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VV020173.D
Acq: 26 Jan 2021 15:23

Tgt Ion: 83 Resp: 474373
Ion Ratio Lower Upper
83 100
55 76.7 61.4 92.0
98 49.9 39.9 59.9

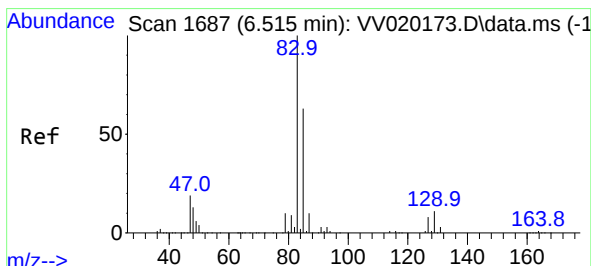
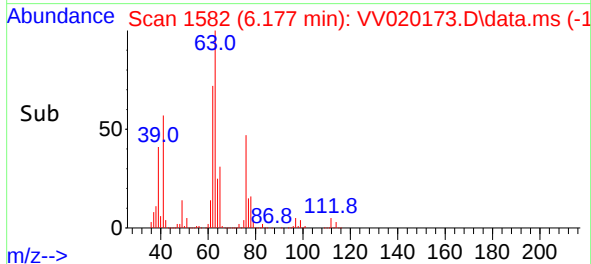
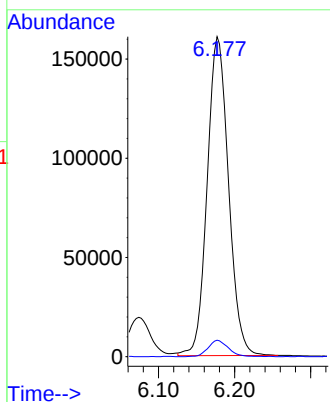
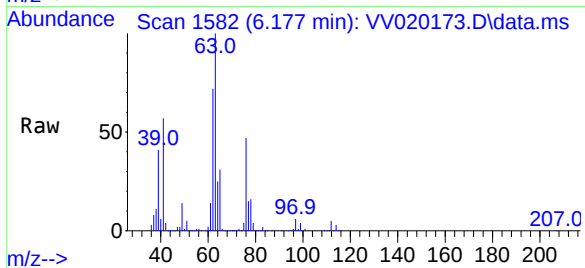




#37
1,2-Dichloropropane
Concen: 50.00 ug/L
RT: 6.177 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VV020173.D
Acq: 26 Jan 2021 15:23

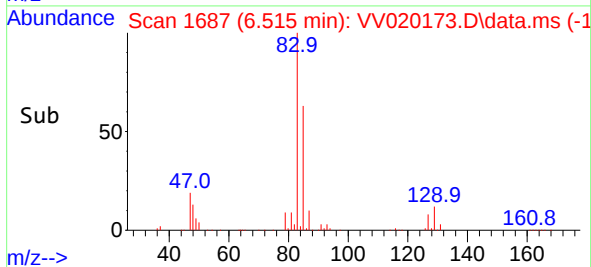
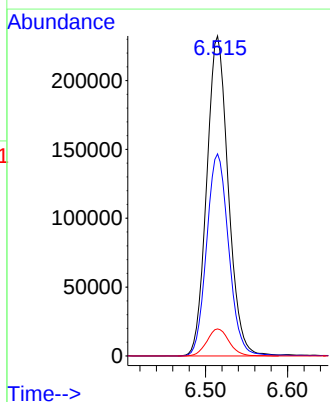
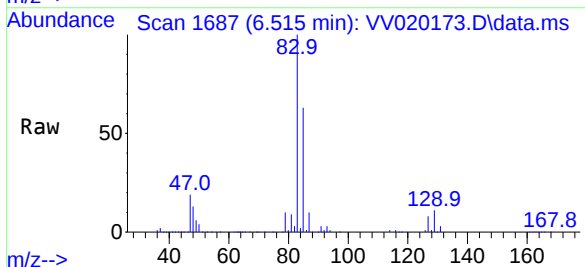
Instrument :
MSVOA_V
ClientSampled :

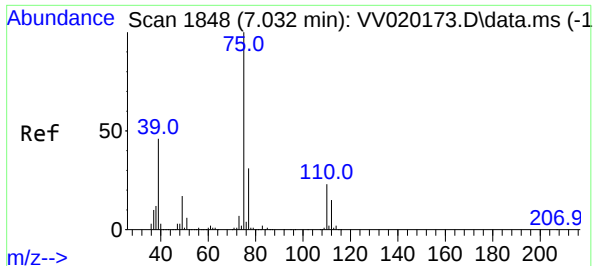
Tgt Ion: 63 Resp: 313103
Ion Ratio Lower Upper
63 100
112 4.9 3.9 5.9



#38
Bromodichloromethane
Concen: 50.00 ug/L
RT: 6.515 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VV020173.D
Acq: 26 Jan 2021 15:23

Tgt Ion: 83 Resp: 424934
Ion Ratio Lower Upper
83 100
85 63.2 44.2 82.2
127 8.5 6.8 10.2

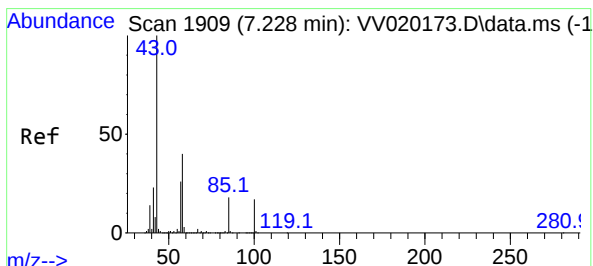
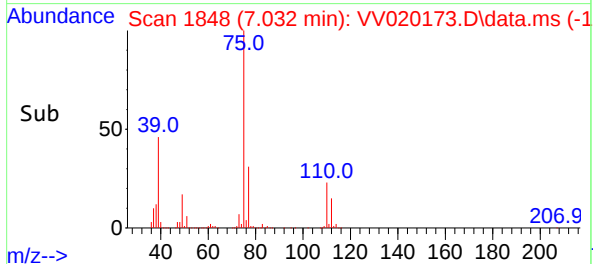
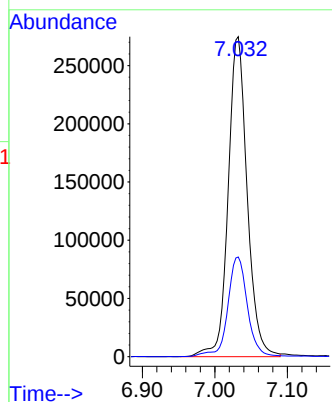
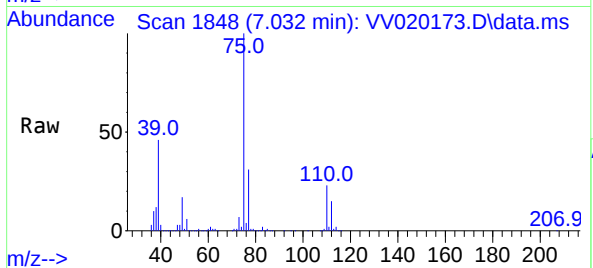




#39
cis-1,3-Dichloropropene
Concen: 50.00 ug/L
RT: 7.032 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VV020173.D
Acq: 26 Jan 2021 15:23

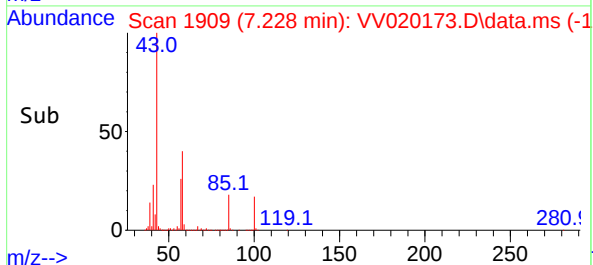
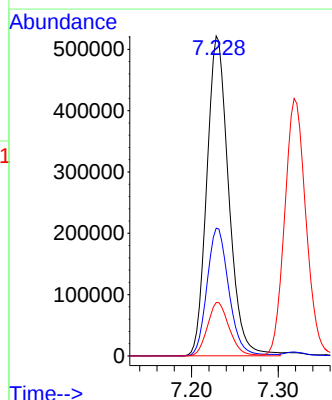
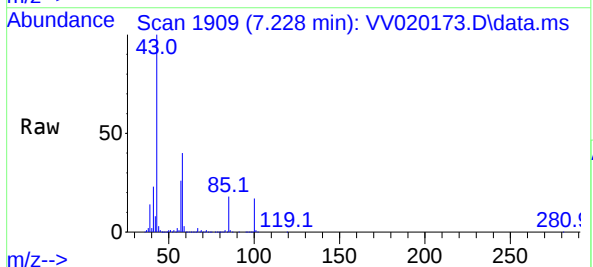
Instrument :
MSVOA_V
ClientSampled :

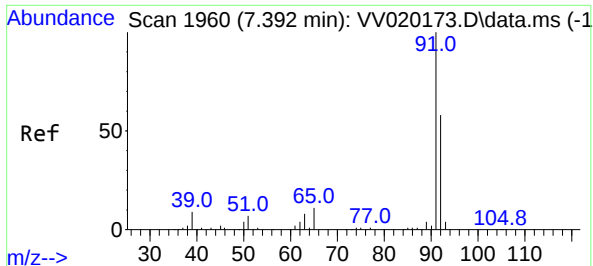
Tgt Ion: 75 Resp: 500053
Ion Ratio Lower Upper
75 100
77 31.2 21.8 40.6



#40
4-Methyl-2-pentanone
Concen: 100.00 ug/L
RT: 7.228 min Scan# 1909
Delta R.T. 0.000 min
Lab File: VV020173.D
Acq: 26 Jan 2021 15:23

Tgt Ion: 43 Resp: 914534
Ion Ratio Lower Upper
43 100
58 40.1 32.1 48.1
100 16.7 13.4 20.0





#42

Toluene

Concen: 50.00 ug/L

RT: 7.392 min Scan# 1960

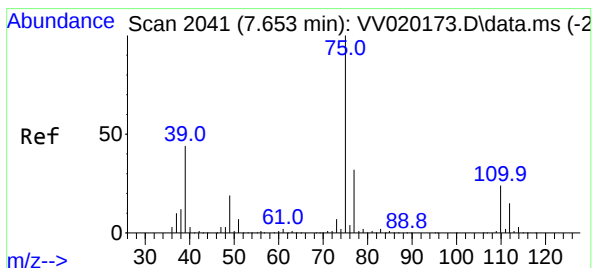
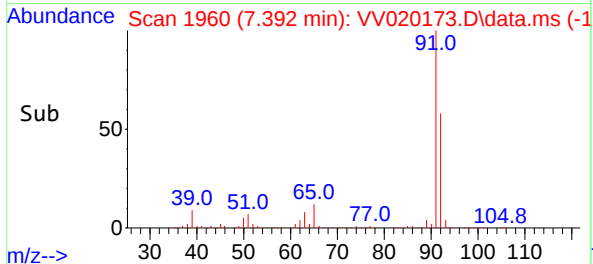
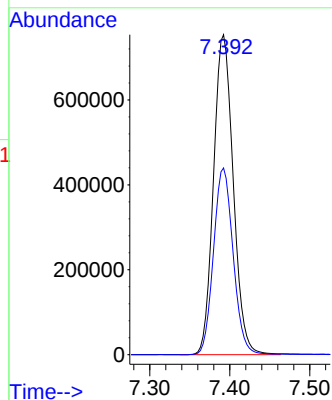
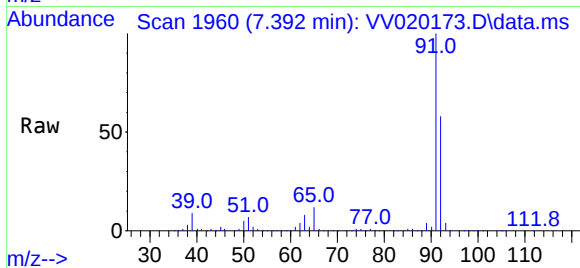
Delta R.T. 0.000 min

Lab File: VV020173.D

Acq: 26 Jan 2021 15:23

Tgt Ion: 91 Resp: 1289981

Ion	Ratio	Lower	Upper
91	100		
92	58.4	40.9	75.9



#44

trans-1,3-Dichloropropene

Concen: 50.00 ug/L

RT: 7.653 min Scan# 2041

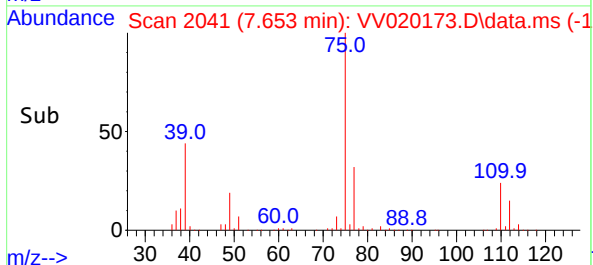
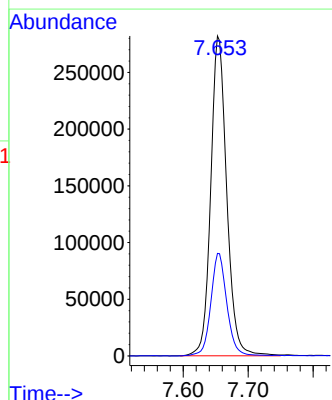
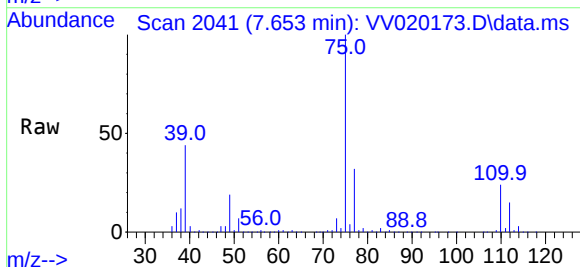
Delta R.T. 0.000 min

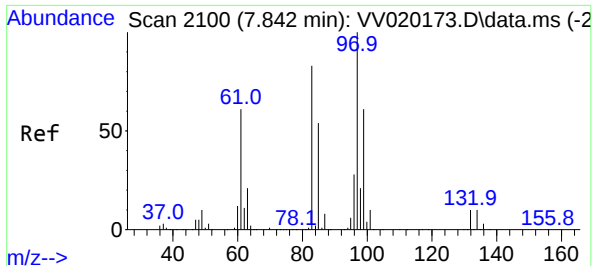
Lab File: VV020173.D

Acq: 26 Jan 2021 15:23

Tgt Ion: 75 Resp: 482906

Ion	Ratio	Lower	Upper
75	100		
77	32.1	22.5	41.7





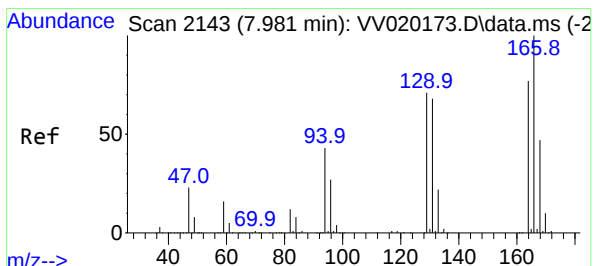
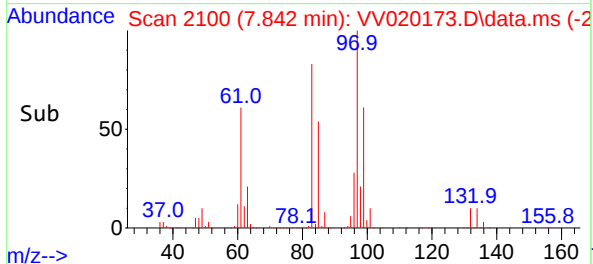
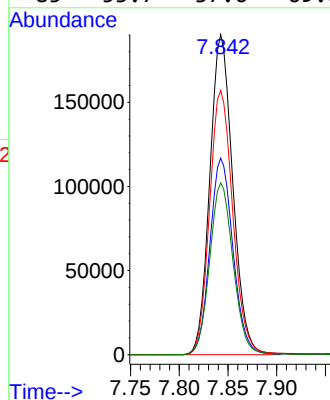
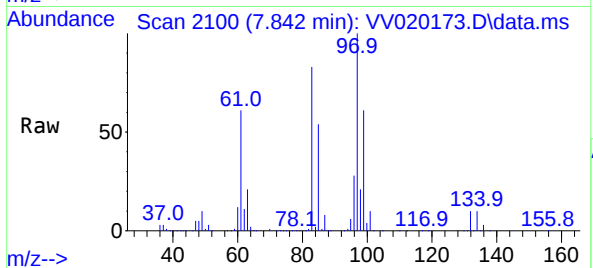
#45

1,1,2-Trichloroethane
Concen: 50.00 ug/L
RT: 7.842 min Scan# 2100
Delta R.T. 0.000 min
Lab File: VV020173.D
Acq: 26 Jan 2021 15:23

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 312074

Ion	Ratio	Lower	Upper
97	100		
99	61.4	43.0	79.8
83	82.6	57.8	107.4
85	53.7	37.6	69.8

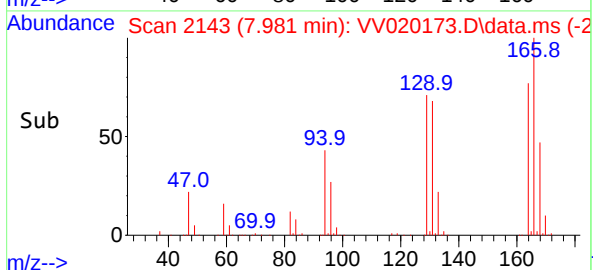
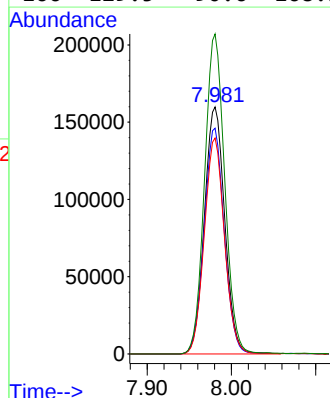
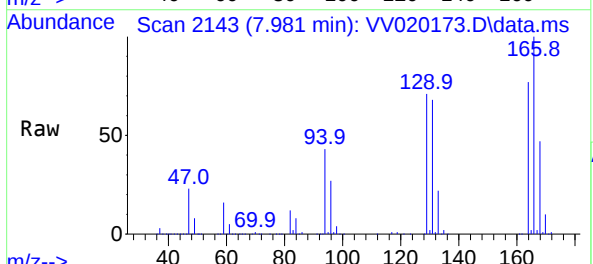


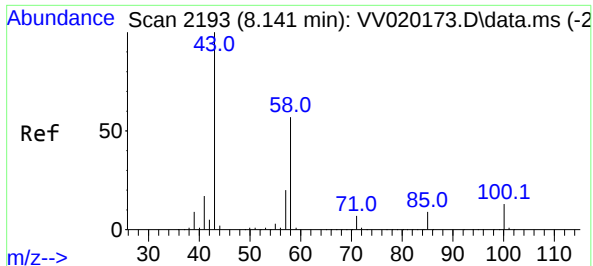
#46

Tetrachloroethene
Concen: 50.00 ug/L
RT: 7.981 min Scan# 2143
Delta R.T. 0.000 min
Lab File: VV020173.D
Acq: 26 Jan 2021 15:23

Tgt Ion: 164 Resp: 269281

Ion	Ratio	Lower	Upper
164	100		
129	91.4	64.0	118.8
131	87.5	61.2	113.8
166	129.5	90.6	168.3



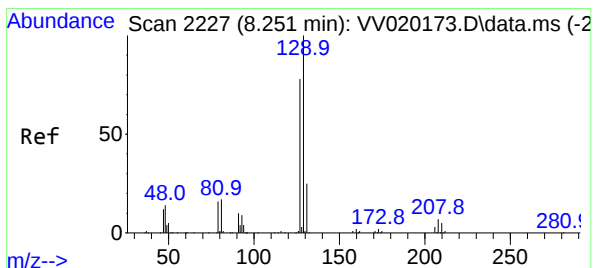
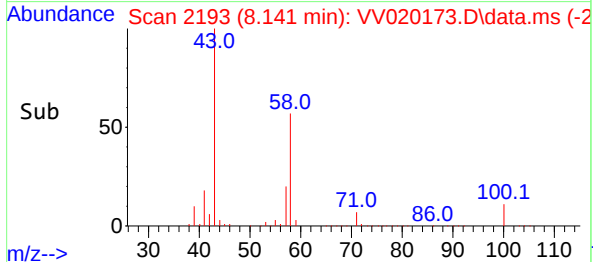
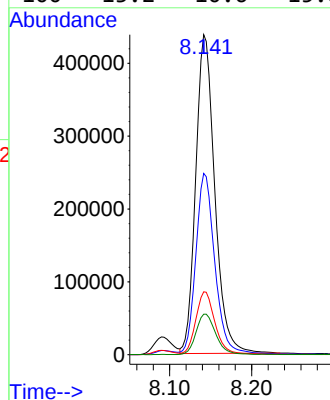
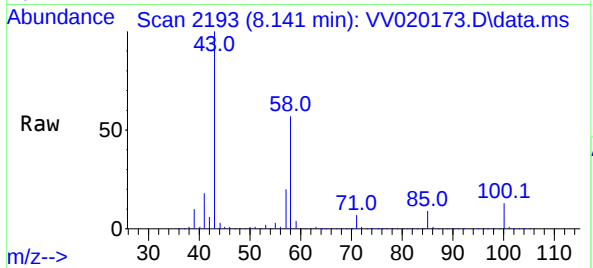


#48
2-Hexanone
Concen: 100.00 ug/L
RT: 8.141 min Scan# 2193
Delta R.T. 0.000 min
Lab File: VV020173.D
Acq: 26 Jan 2021 15:23

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 43 Resp: 707919

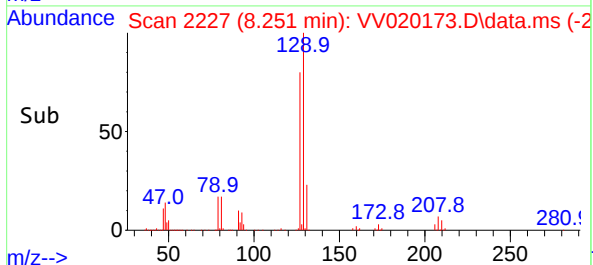
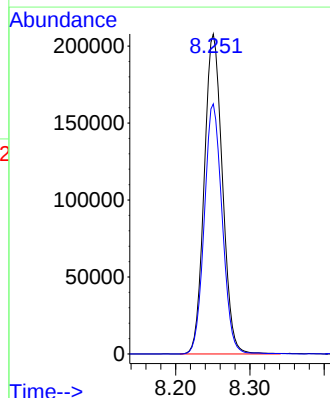
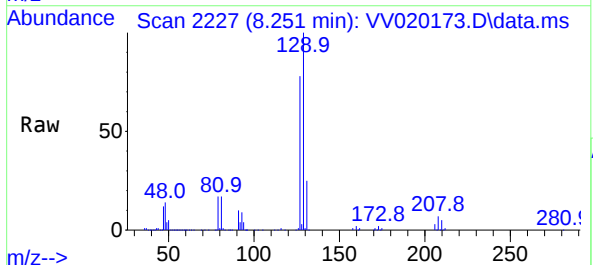
Ion	Ratio	Lower	Upper
43	100		
58	56.6	45.3	67.9
57	19.7	15.8	23.6
100	13.2	10.6	15.8

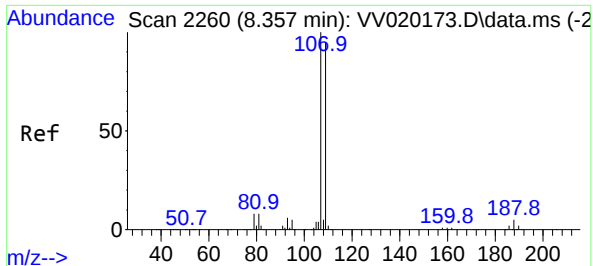


#49
Dibromochloromethane
Concen: 50.00 ug/L
RT: 8.251 min Scan# 2227
Delta R.T. 0.000 min
Lab File: VV020173.D
Acq: 26 Jan 2021 15:23

Tgt Ion: 129 Resp: 352085

Ion	Ratio	Lower	Upper
129	100		
127	78.2	54.7	101.7

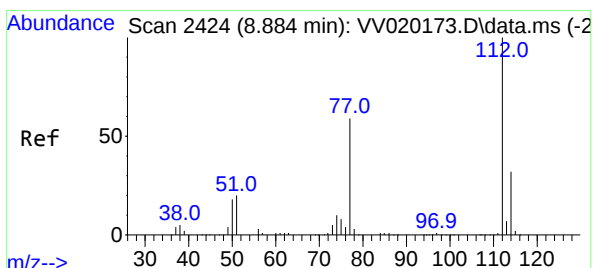
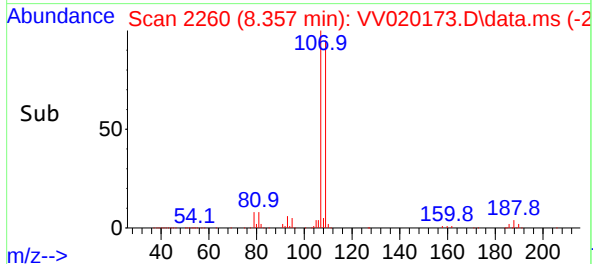
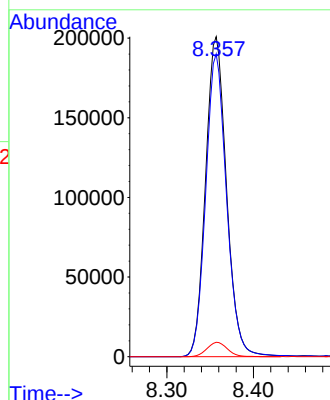
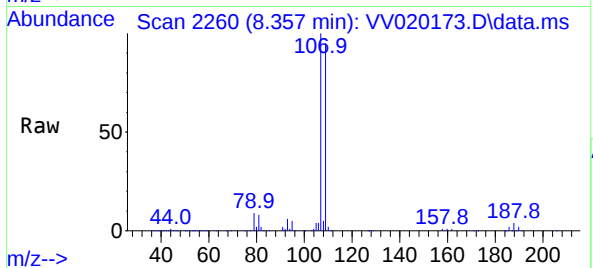




#50
1,2-Dibromoethane
Concen: 50.00 ug/L
RT: 8.357 min Scan# 2260
Delta R.T. 0.000 min
Lab File: VV020173.D
Acq: 26 Jan 2021 15:23

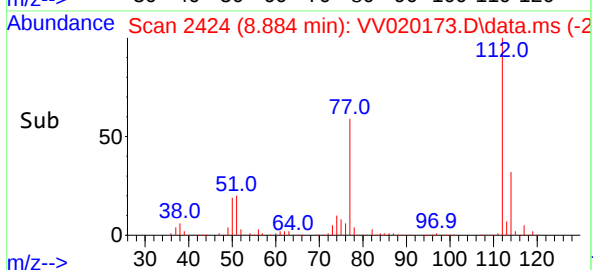
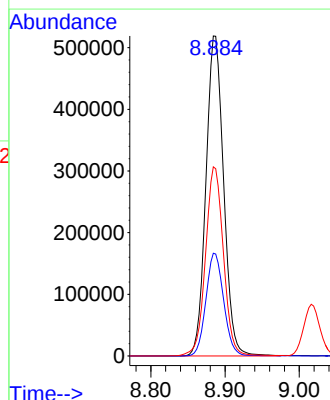
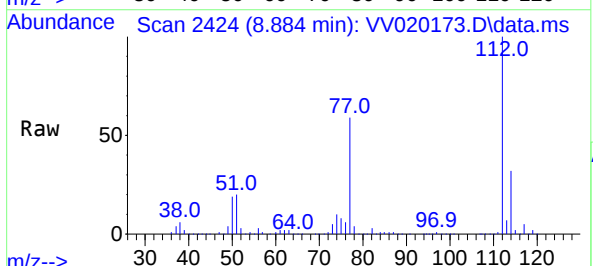
Instrument :
MSVOA_V
ClientSampleId :

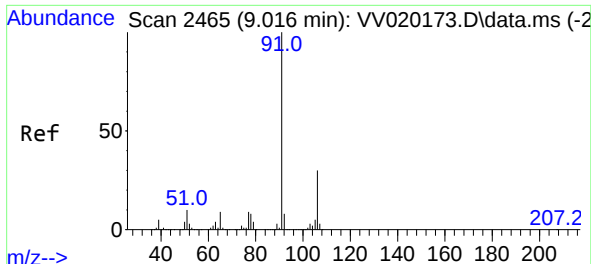
Tgt Ion:107 Resp: 337206
Ion Ratio Lower Upper
107 100
109 94.6 66.2 123.0
188 4.5 3.6 5.4



#51
Chlorobenzene
Concen: 50.00 ug/L
RT: 8.884 min Scan# 2424
Delta R.T. 0.000 min
Lab File: VV020173.D
Acq: 26 Jan 2021 15:23

Tgt Ion:112 Resp: 858593
Ion Ratio Lower Upper
112 100
114 32.1 22.5 41.7
77 59.1 47.3 70.9

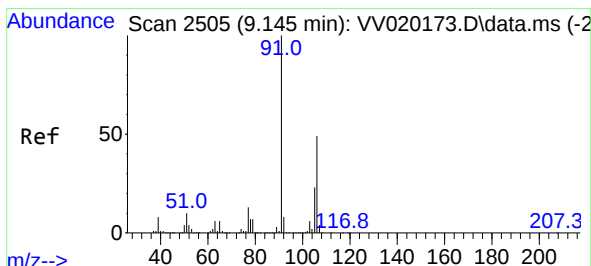
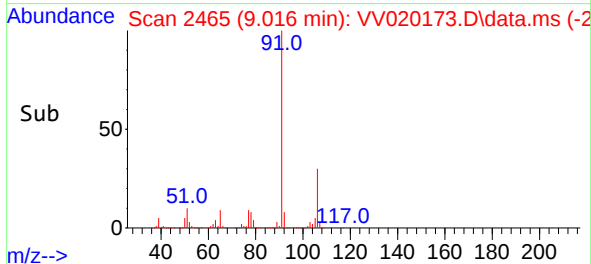
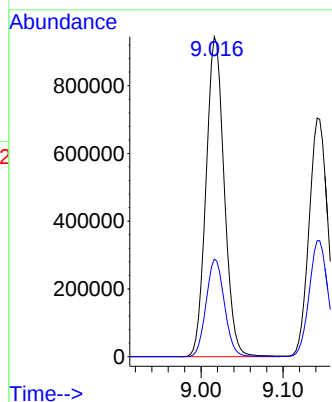
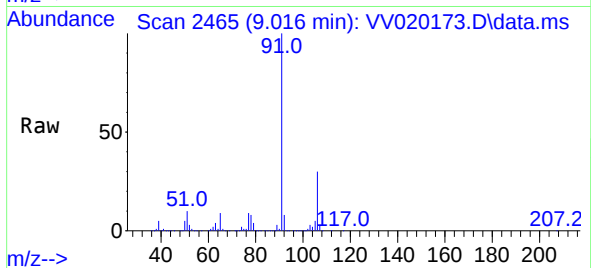




#52
Ethylbenzene
Concen: 50.00 ug/L
RT: 9.016 min Scan# 2465
Delta R.T. 0.000 min
Lab File: VV020173.D
Acq: 26 Jan 2021 15:23

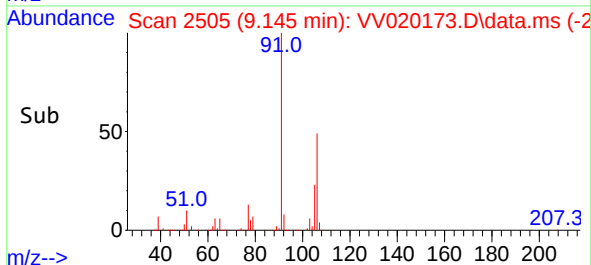
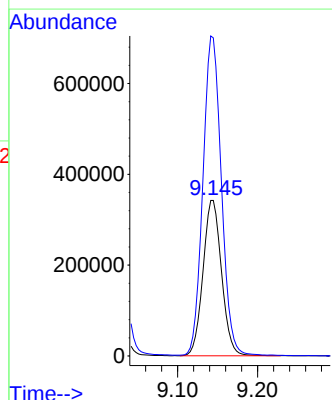
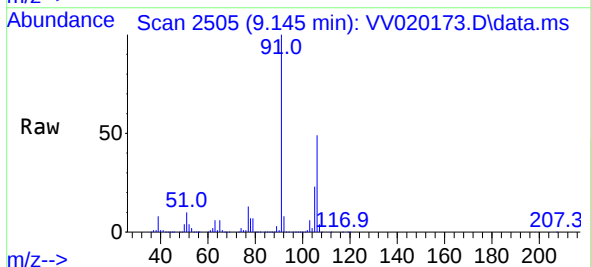
Instrument :
MSVOA_V
ClientSampled :

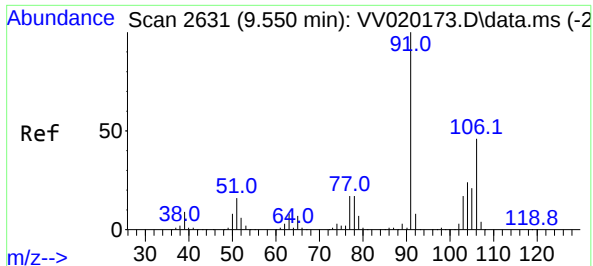
Tgt Ion: 91 Resp: 1452636
Ion Ratio Lower Upper
91 100
106 30.5 21.3 39.6



#53
m,p-Xylene
Concen: 50.00 ug/L
RT: 9.145 min Scan# 2505
Delta R.T. 0.000 min
Lab File: VV020173.D
Acq: 26 Jan 2021 15:23

Tgt Ion: 106 Resp: 551741
Ion Ratio Lower Upper
106 100
91 204.4 143.1 265.7

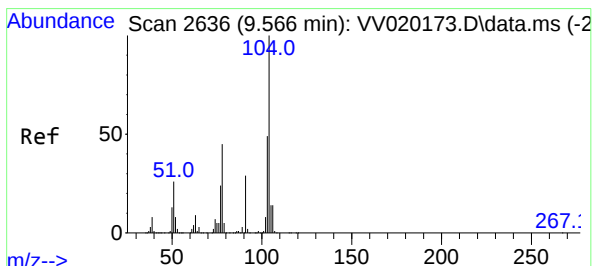
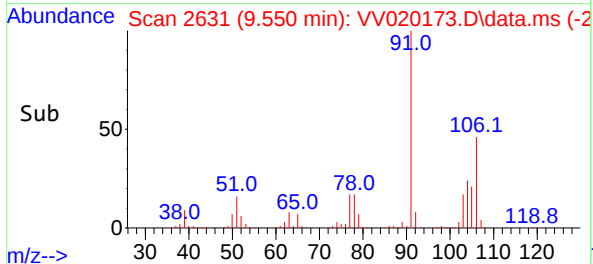
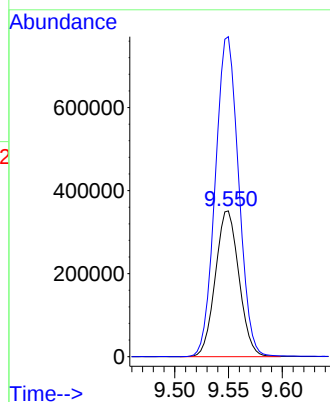
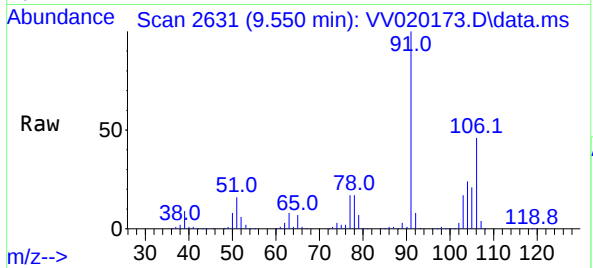




#54
o-Xylene
Concen: 50.00 ug/L
RT: 9.550 min Scan# 2631
Delta R.T. 0.000 min
Lab File: VV020173.D
Acq: 26 Jan 2021 15:23

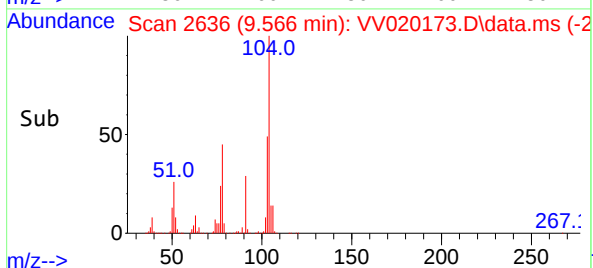
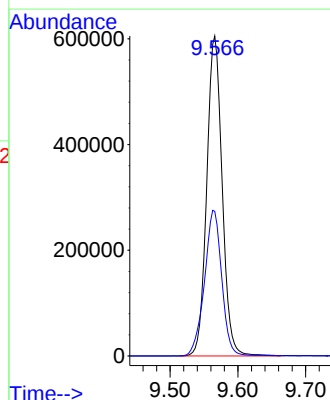
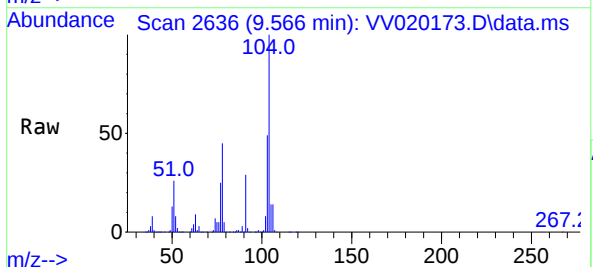
Instrument :
MSVOA_V
ClientSampleId :

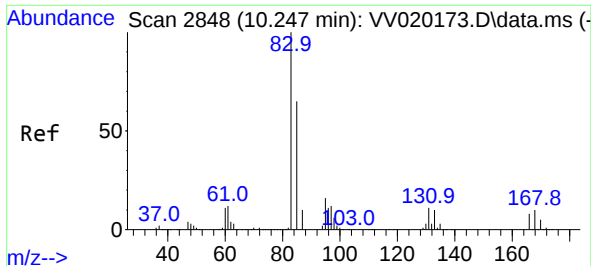
Tgt Ion:106 Resp: 535575
Ion Ratio Lower Upper
106 100
91 219.5 153.6 285.3



#55
Styrene
Concen: 50.00 ug/L
RT: 9.566 min Scan# 2636
Delta R.T. 0.000 min
Lab File: VV020173.D
Acq: 26 Jan 2021 15:23

Tgt Ion:104 Resp: 958081
Ion Ratio Lower Upper
104 100
78 45.2 31.6 58.8

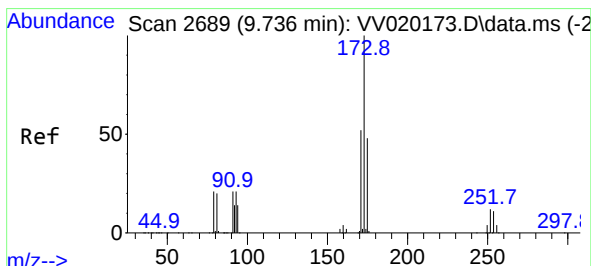
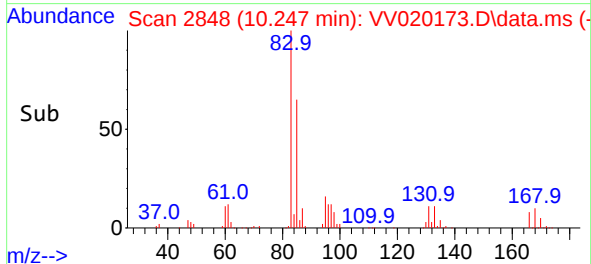
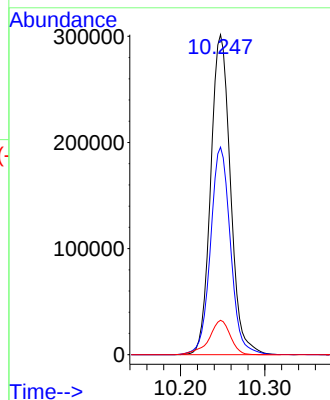
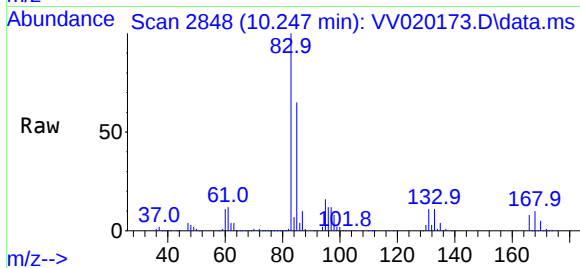




#57
1,1,2,2-Tetrachloroethane
Concen: 50.00 ug/L
RT: 10.247 min Scan# 2848
Delta R.T. 0.000 min
Lab File: VV020173.D
Acq: 26 Jan 2021 15:23

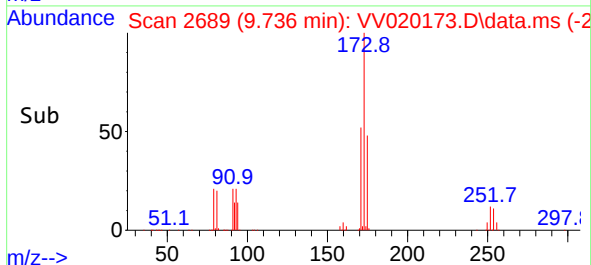
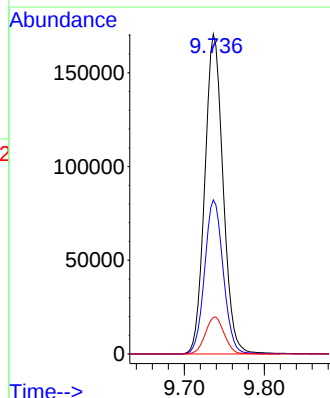
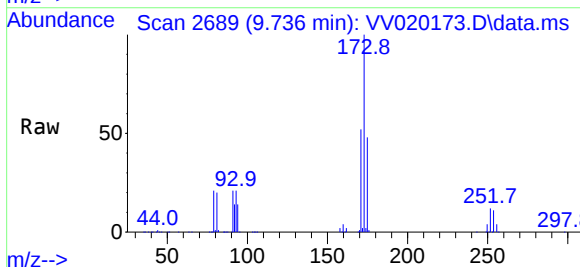
Instrument :
MSVOA_V
ClientSampled :

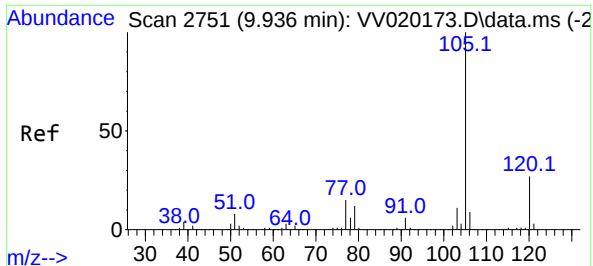
Tgt Ion: 83 Resp: 491240
Ion Ratio Lower Upper
83 100
85 64.9 45.4 84.4
131 10.7 8.6 12.8



#59
Bromoform
Concen: 50.00 ug/L
RT: 9.736 min Scan# 2689
Delta R.T. 0.000 min
Lab File: VV020173.D
Acq: 26 Jan 2021 15:23

Tgt Ion: 173 Resp: 272420
Ion Ratio Lower Upper
173 100
175 48.8 39.0 58.6
254 11.9 9.5 14.3

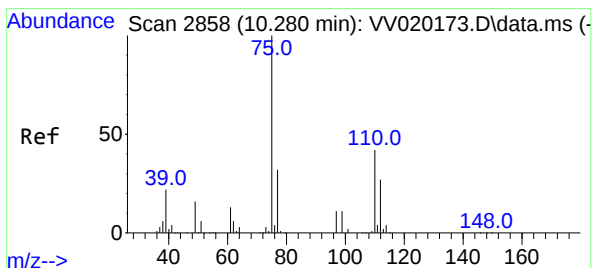
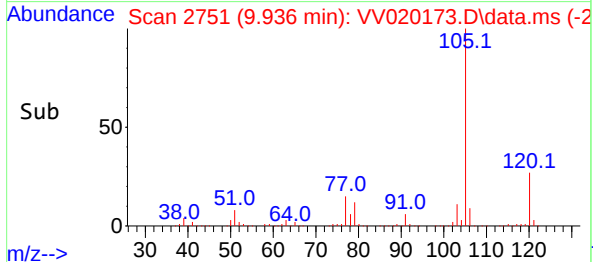
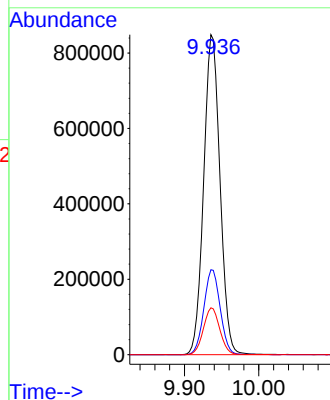
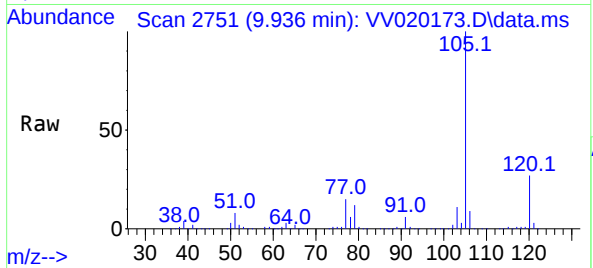




#60
Isopropylbenzene
Concen: 50.00 ug/L
RT: 9.936 min Scan# 2751
Delta R.T. 0.000 min
Lab File: VV020173.D
Acq: 26 Jan 2021 15:23

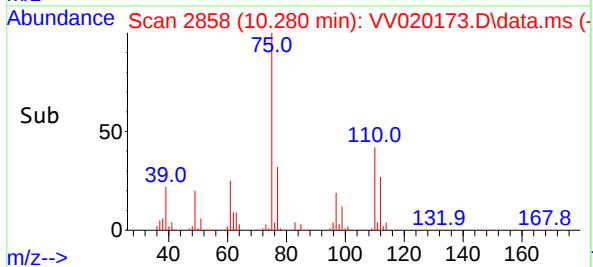
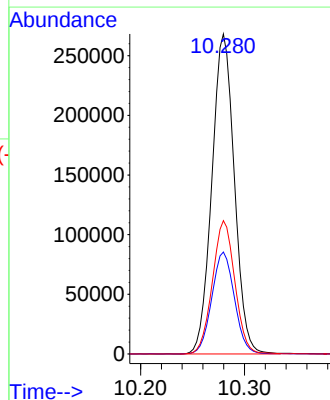
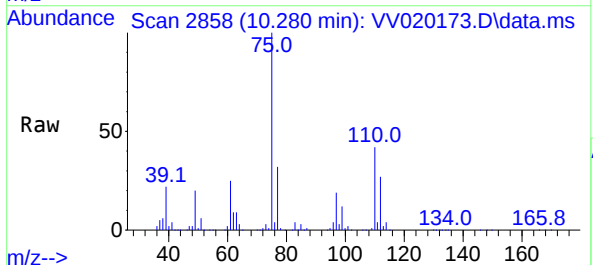
Instrument :
MSVOA_V
ClientSampleId :

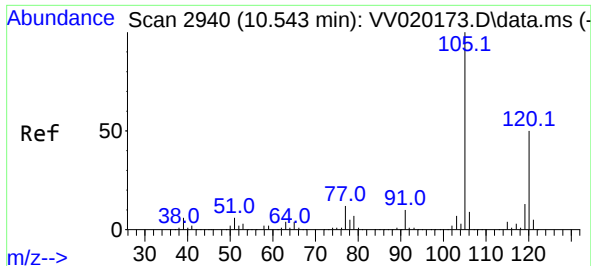
Tgt Ion:105 Resp: 1293942
Ion Ratio Lower Upper
105 100
120 26.5 21.2 31.8
77 14.7 11.8 17.6



#61
1,2,3-Trichloropropane
Concen: 50.00 ug/L
RT: 10.280 min Scan# 2858
Delta R.T. 0.000 min
Lab File: VV020173.D
Acq: 26 Jan 2021 15:23

Tgt Ion: 75 Resp: 403031
Ion Ratio Lower Upper
75 100
77 32.1 25.7 38.5
110 41.6 33.3 49.9

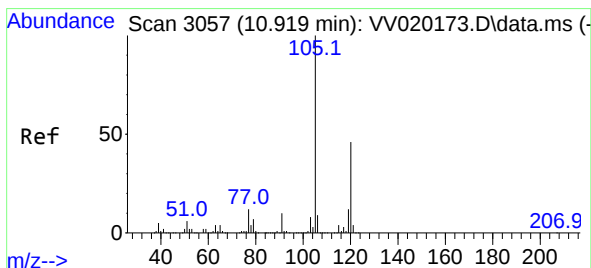
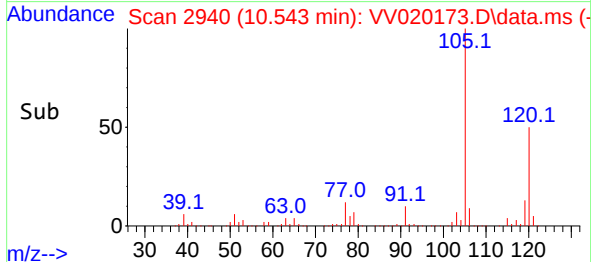
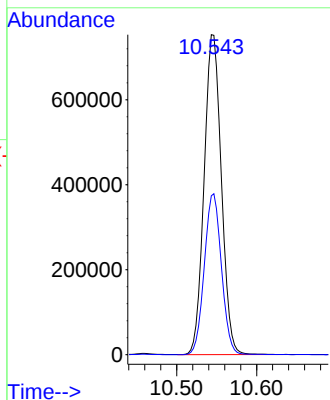
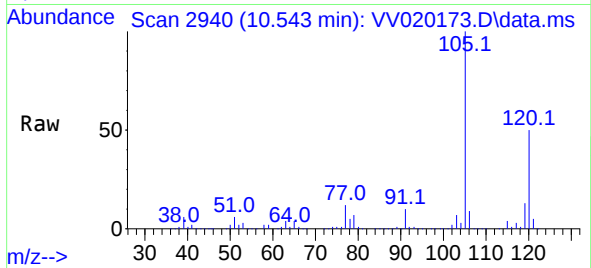




#62
1,3,5-Trimethylbenzene
Concen: 50.00 ug/L
RT: 10.543 min Scan# 2940
Delta R.T. 0.000 min
Lab File: VV020173.D
Acq: 26 Jan 2021 15:23

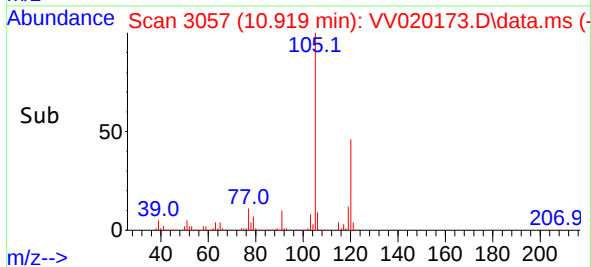
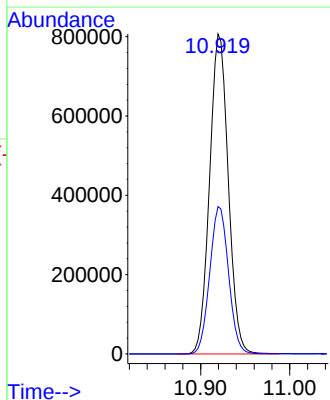
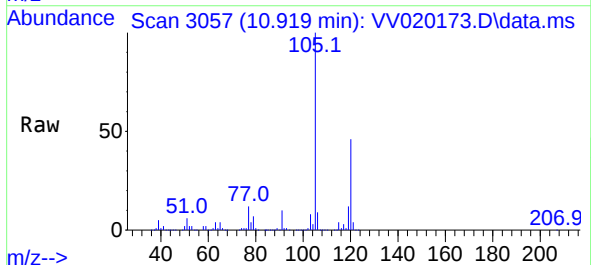
Instrument :
MSVOA_V
ClientSampled :

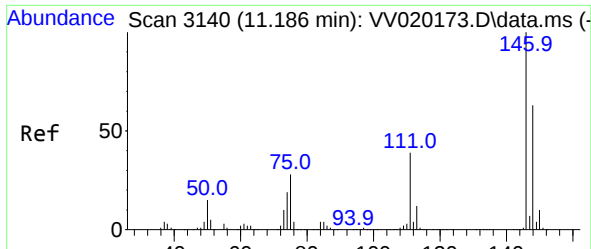
Tgt Ion:105 Resp: 1132859
Ion Ratio Lower Upper
105 100
120 49.9 39.9 59.9



#63
1,2,4-Trimethylbenzene
Concen: 50.00 ug/L
RT: 10.919 min Scan# 3057
Delta R.T. 0.000 min
Lab File: VV020173.D
Acq: 26 Jan 2021 15:23

Tgt Ion:105 Resp: 1175162
Ion Ratio Lower Upper
105 100
120 46.3 37.0 55.6

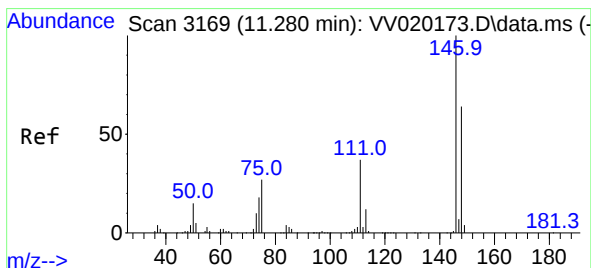
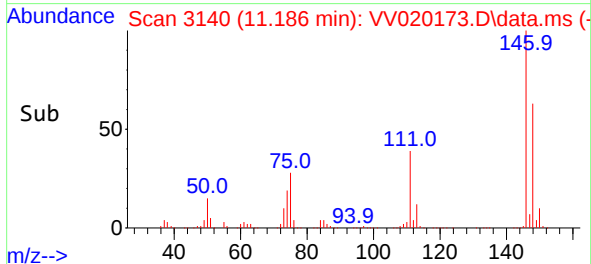
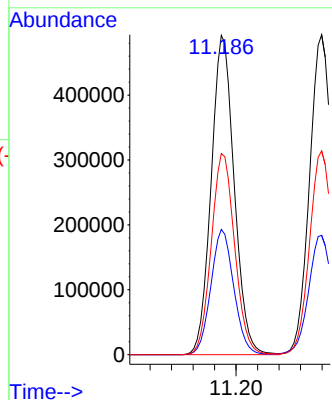
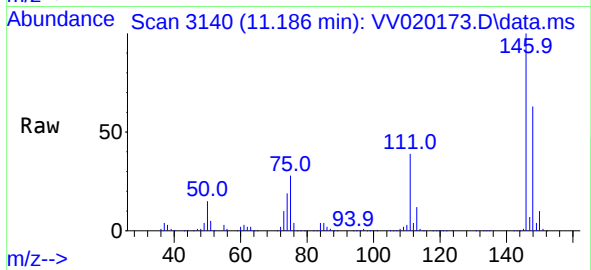




#64
1,3-Dichlorobenzene
Concen: 50.00 ug/L
RT: 11.186 min Scan# 3140
Delta R.T. 0.000 min
Lab File: VV020173.D
Acq: 26 Jan 2021 15:23

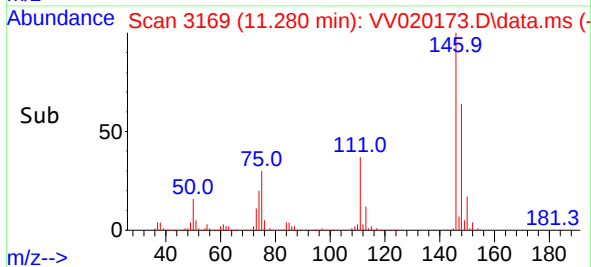
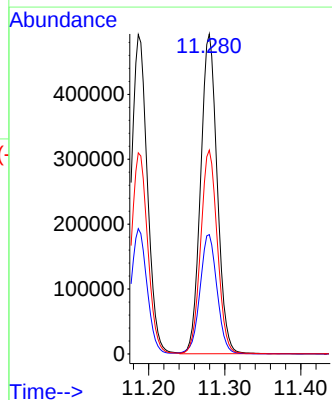
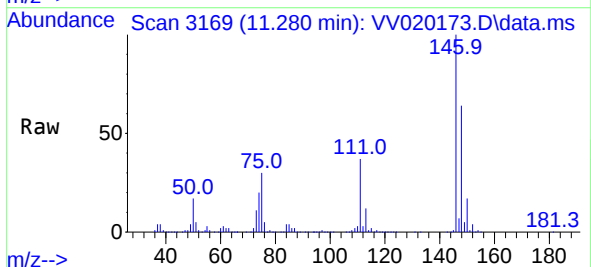
Instrument :
MSVOA_V
ClientSampled :

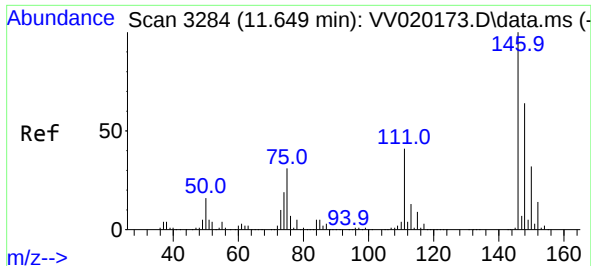
Tgt Ion:146 Resp: 732295
Ion Ratio Lower Upper
146 100
111 39.2 27.4 51.0
148 63.0 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 50.00 ug/L
RT: 11.280 min Scan# 3169
Delta R.T. 0.000 min
Lab File: VV020173.D
Acq: 26 Jan 2021 15:23

Tgt Ion:146 Resp: 745603
Ion Ratio Lower Upper
146 100
111 37.3 26.1 48.5
148 63.7 44.6 82.8

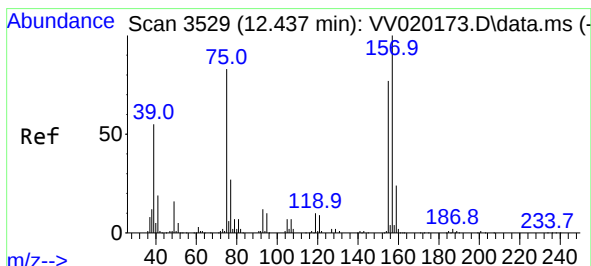
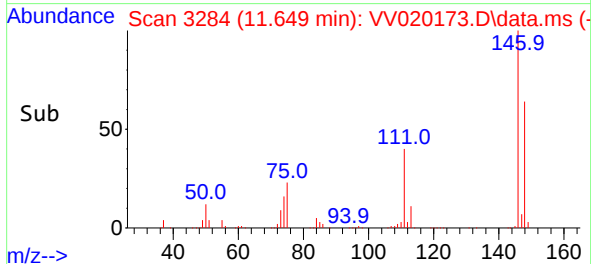
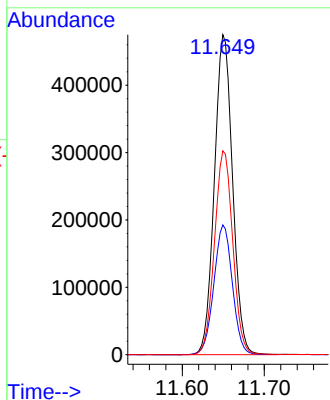
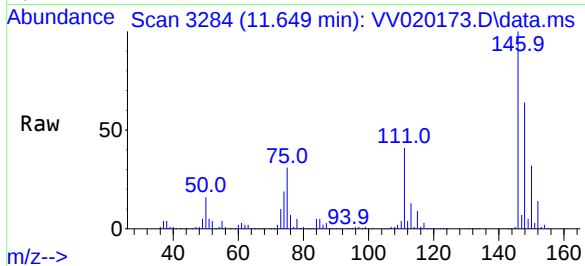




#67
1,2-Dichlorobenzene
Concen: 50.00 ug/L
RT: 11.649 min Scan# 3284
Delta R.T. 0.000 min
Lab File: VV020173.D
Acq: 26 Jan 2021 15:23

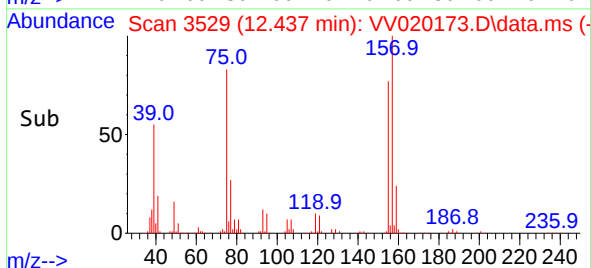
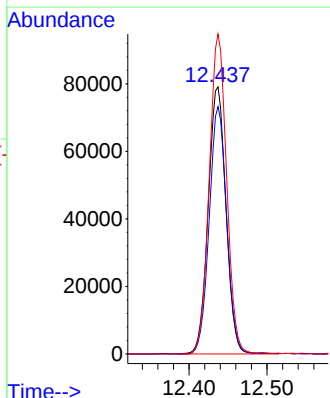
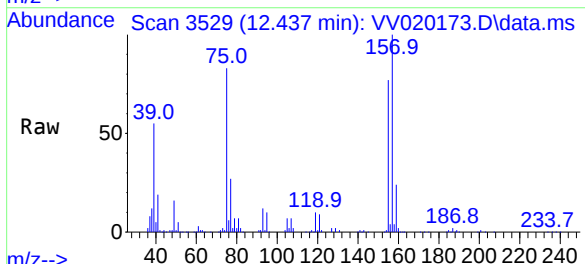
Instrument :
MSVOA_V
ClientSampled :

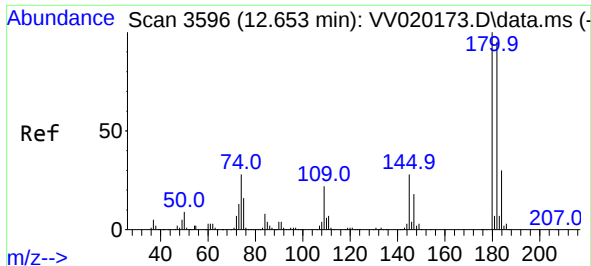
Tgt Ion:146 Resp: 730935
Ion Ratio Lower Upper
146 100
111 40.5 32.4 48.6
148 63.7 51.0 76.4



#68
1,2-Dibromo-3-chloropropane
Concen: 50.00 ug/L
RT: 12.437 min Scan# 3529
Delta R.T. 0.000 min
Lab File: VV020173.D
Acq: 26 Jan 2021 15:23

Tgt Ion: 75 Resp: 124963
Ion Ratio Lower Upper
75 100
155 92.6 74.1 111.1
157 119.8 95.8 143.8



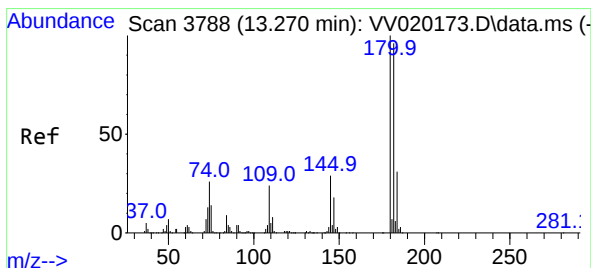
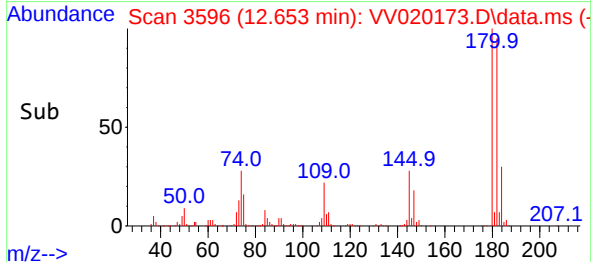
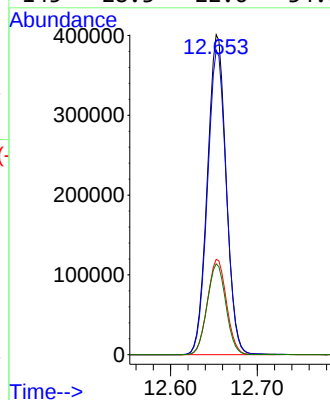
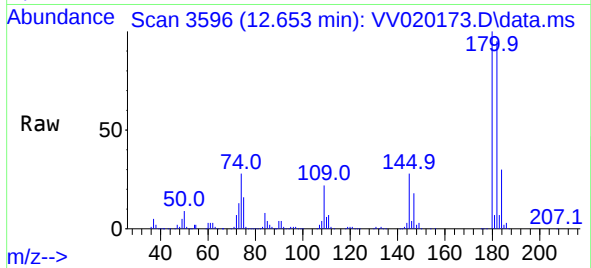


#69
1,3,5-Trichlorobenzene
Concen: 50.00 ug/L
RT: 12.653 min Scan# 3596
Delta R.T. 0.000 min
Lab File: VV020173.D
Acq: 26 Jan 2021 15:23

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:180 Resp: 605917

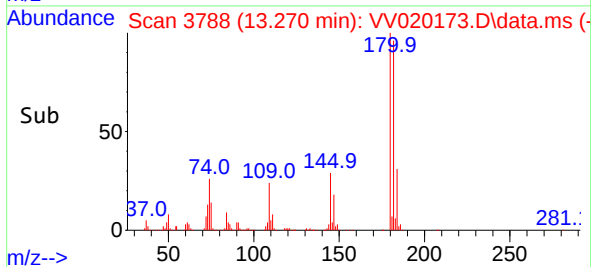
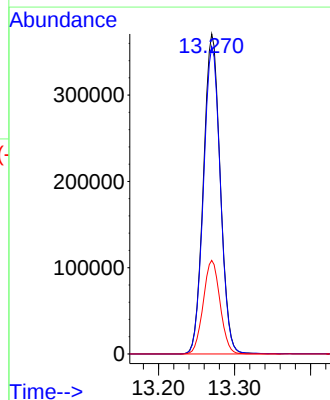
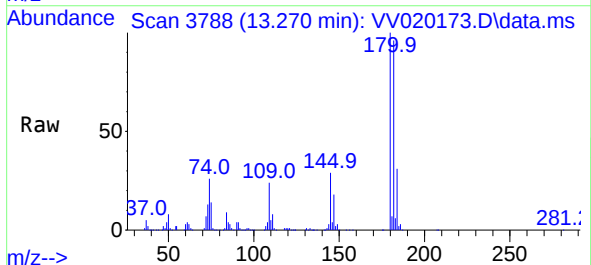
Ion	Ratio	Lower	Upper
180	100		
182	95.1	76.1	114.1
184	30.1	24.1	36.1
145	28.3	22.6	34.0

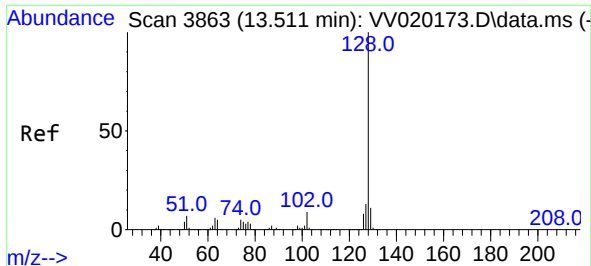


#70
1,2,4-trichlorobenzene
Concen: 50.00 ug/L
RT: 13.270 min Scan# 3788
Delta R.T. 0.000 min
Lab File: VV020173.D
Acq: 26 Jan 2021 15:23

Tgt Ion:180 Resp: 567748

Ion	Ratio	Lower	Upper
180	100		
182	96.4	77.1	115.7
145	29.3	23.4	35.2

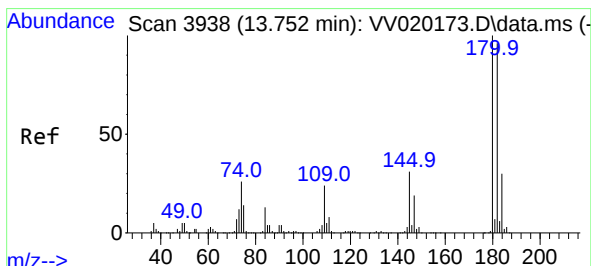
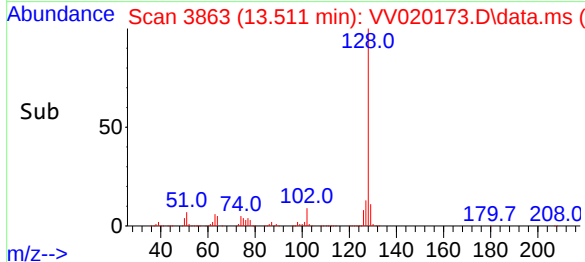
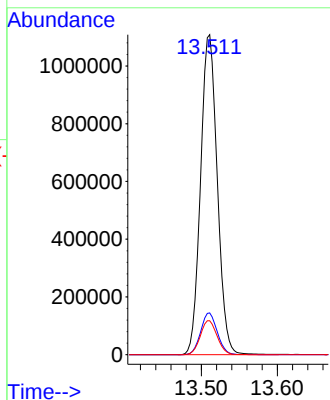
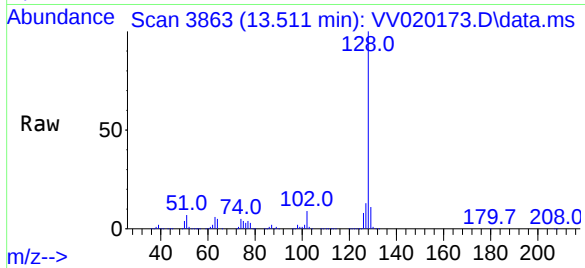




#71
Naphthalene
Concen: 50.00 ug/L
RT: 13.511 min Scan# 3863
Delta R.T. 0.000 min
Lab File: VV020173.D
Acq: 26 Jan 2021 15:23

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion:128 Resp: 1694069
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.7 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 50.00 ug/L
RT: 13.752 min Scan# 3938
Delta R.T. 0.000 min
Lab File: VV020173.D
Acq: 26 Jan 2021 15:23

Tgt Ion:180 Resp: 561643
Ion Ratio Lower Upper
180 100
182 95.7 76.6 114.8
145 30.6 24.5 36.7

