

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012721\
 Data File : VW020181.D
 Acq On : 26 Jan 2021 20:29
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 27 07:14:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM012721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 27 07:09:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	906435	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.859	117	800692	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.254	152	462161	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.309	65	321009	52.92	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 105.84%			
7) Chloroethane-d5	1.569	69	263320	55.22	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 110.44%			
11) 1,1-Dichloroethene-d2	2.110	63	423512	44.34	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 88.68%			
21) 2-Butanone-d5	3.897	46	481434	121.85	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 121.85%			
24) Chloroform-d	4.354	84	620195	55.69	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 111.38%			
26) 1,2-Dichloroethane-d4	5.036	65	405723	57.06	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 114.12%			
32) Benzene-d6	5.055	84	1158693	57.78	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 115.56%			
36) 1,2-Dichloropropane-d6	6.074	67	369127	57.04	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 114.08%			
41) Toluene-d8	7.318	98	1052186	55.54	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 111.08%			
43) trans-1,3-Dichloroprop...	7.624	79	183458	58.25	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 116.50%			
47) 2-Hexanone-d5	8.090	63	363045	131.45	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 131.45%#			
56) 1,1,2,2-Tetrachloroeth...	10.222	84	537856	60.08	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 120.16%#			
66) 1,2-Dichlorobenzene-d4	11.630	152	461048	53.47	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 106.94%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.129	85	298234	47.07	ug/L	100
3) Chloromethane	1.241	50	364639	50.66	ug/L	100
5) Vinyl chloride	1.312	62	333424	52.02	ug/L	100
6) Bromomethane	1.524	94	190925	53.90	ug/L	100
8) Chloroethane	1.585	64	213950	54.12	ug/L	99
9) Trichlorofluoromethane	1.753	101	454604	48.92	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.119	101	199229	41.44	ug/L	98
12) 1,1-Dichloroethene	2.119	96	212886	46.99	ug/L	96
13) Acetone	2.190	43	291781	123.31	ug/L	96
14) Carbon disulfide	2.296	76	691947	52.93	ug/L	100
15) Methyl Acetate	2.438	43	333977	62.74	ug/L	97
16) Methylene chloride	2.508	84	307532	56.54	ug/L	93
17) trans-1,2-Dichloroethene	2.762	96	276600	53.72	ug/L	95
18) Methyl tert-butyl Ether	2.769	73	945258	58.10	ug/L	98
19) 1,1-Dichloroethane	3.193	63	539123	55.17	ug/L	98
20) cis-1,2-Dichloroethene	3.917	96	316377	53.83	ug/L	100
22) 2-Butanone	3.978	43	482429	121.55	ug/L	99
23) Bromochloromethane	4.251	128	169769	52.72	ug/L	97
25) Chloroform	4.380	83	565104	53.85	ug/L	99

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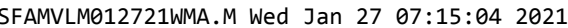
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 ClientSampleId :

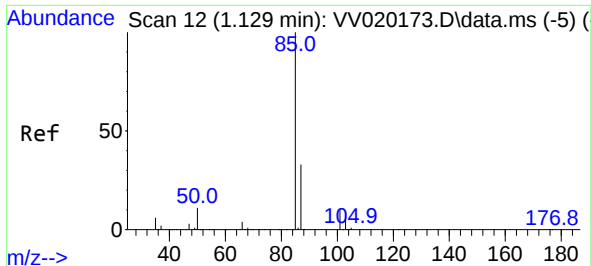
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 Quant Title : VOC Analysis
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.135	62	460347	55.62	ug/L	98
29) Cyclohexane	4.682	56	389418	48.72	ug/L	99
30) 1,1,1-Trichloroethane	4.614	97	479148	54.25	ug/L	99
31) Carbon tetrachloride	4.833	117	395820	51.57	ug/L	100
33) Benzene	5.103	78	1162164	55.63	ug/L	100
34) Trichloroethene	5.920	95	298794	51.32	ug/L	99
35) Methylcyclohexane	6.135	83	393532	46.10	ug/L	99
37) 1,2-Dichloropropane	6.177	63	312159	55.51	ug/L	100
38) Bromodichloromethane	6.515	83	420269	55.24	ug/L	100
39) cis-1,3-Dichloropropene	7.032	75	484442	57.22	ug/L	99
40) 4-Methyl-2-pentanone	7.232	43	934175	120.97	ug/L	99
42) Toluene	7.392	91	1219356	54.00	ug/L	100
44) trans-1,3-Dichloropropene	7.653	75	471094	57.61	ug/L	99
45) 1,1,2-Trichloroethane	7.842	97	313890	58.15	ug/L	98
46) Tetrachloroethene	7.981	164	240677	50.46	ug/L	98
48) 2-Hexanone	8.142	43	717039	129.73	ug/L	100
49) Dibromochloromethane	8.251	129	345195	57.35	ug/L	99
50) 1,2-Dibromoethane	8.357	107	337155	58.53	ug/L	98
51) Chlorobenzene	8.887	112	798006	53.35	ug/L	99
52) Ethylbenzene	9.016	91	1121777	45.22	ug/L	98
53) m,p-Xylene	9.145	106	490833	51.74	ug/L	99
54) o-Xylene	9.550	106	507325	54.32	ug/L	100
55) Styrene	9.566	104	909102	56.36	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.248	83	514358	58.32	ug/L	99
59) Bromoform	9.736	173	267235	52.72	ug/L	100
60) Isopropylbenzene	9.936	105	1304595	50.34	ug/L	99
61) 1,2,3-Trichloropropane	10.280	75	422944	57.34	ug/L	100
62) 1,3,5-Trimethylbenzene	10.543	105	1111033	50.05	ug/L	99
63) 1,2,4-Trimethylbenzene	10.920	105	957698	43.81	ug/L	99
64) 1,3-Dichlorobenzene	11.186	146	615664	46.16	ug/L	98
65) 1,4-Dichlorobenzene	11.280	146	646375	47.13	ug/L	99
67) 1,2-Dichlorobenzene	11.649	146	691734	51.61	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.437	75	124692	57.50	ug/L	99
69) 1,3,5-Trichlorobenzene	12.653	180	550217	49.05	ug/L	100
70) 1,2,4-trichlorobenzene	13.270	180	462981	44.72	ug/L	99
71) Naphthalene	13.511	128	1383263	47.39	ug/L	100
72) 1,2,3-Trichlorobenzene	13.752	180	474768	46.23	ug/L	99

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

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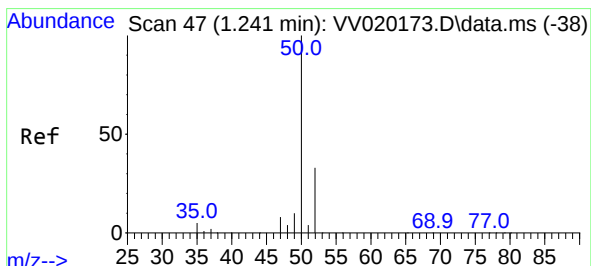
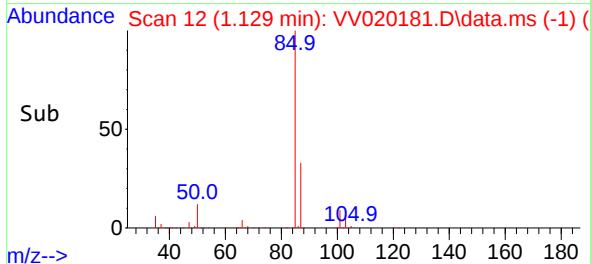
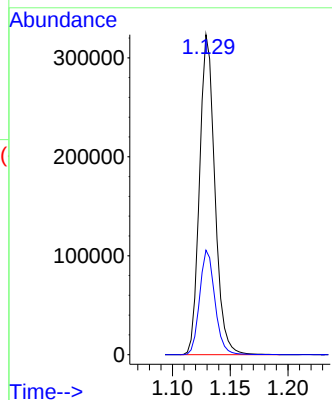
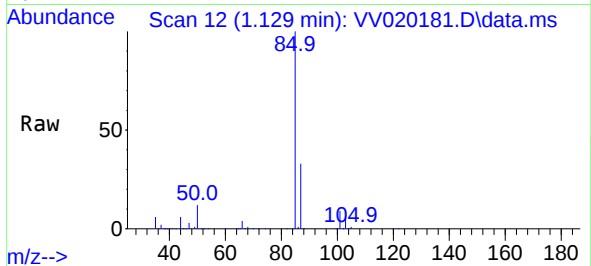




#2
Dichlorodifluoromethane
Concen: 47.07 ug/L
RT: 1.129 min Scan# 12
Delta R.T. 0.000 min
Lab File: VV020181.D
Acq: 26 Jan 2021 20:29

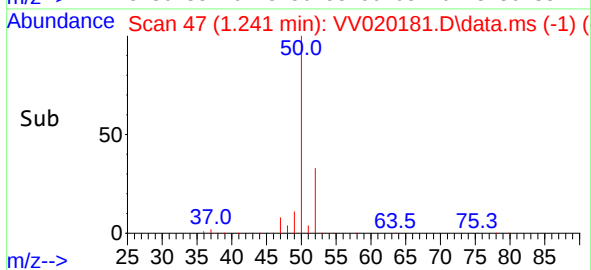
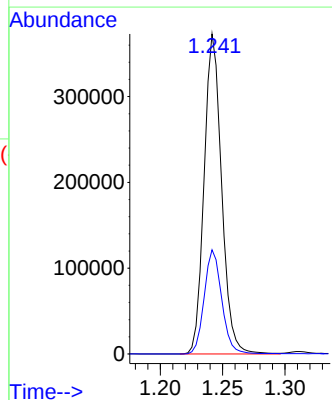
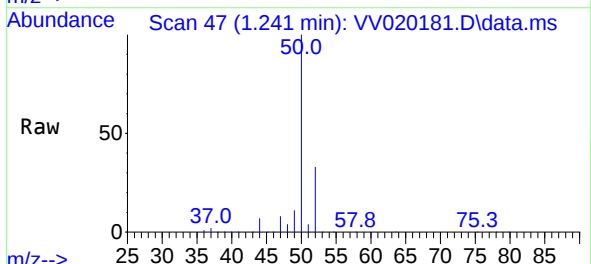
Instrument :
MSVOA_V
ClientSampled :

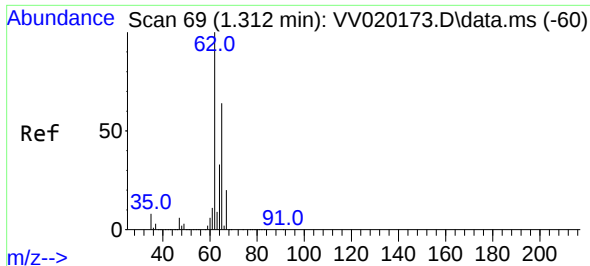
Tgt Ion: 85 Resp: 298234
Ion Ratio Lower Upper
85 100
87 32.5 26.2 39.2



#3
Chloromethane
Concen: 50.66 ug/L
RT: 1.241 min Scan# 47
Delta R.T. 0.000 min
Lab File: VV020181.D
Acq: 26 Jan 2021 20:29

Tgt Ion: 50 Resp: 364639
Ion Ratio Lower Upper
50 100
52 32.5 22.9 42.5

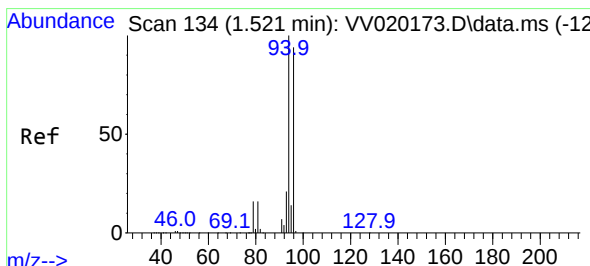
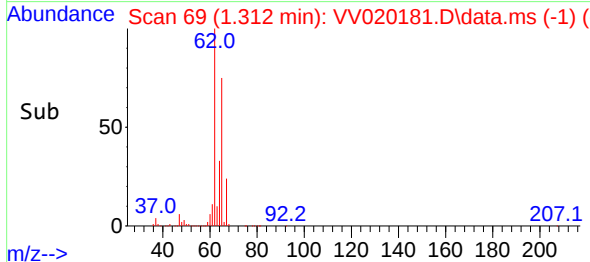
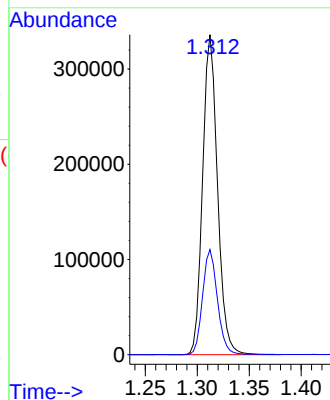
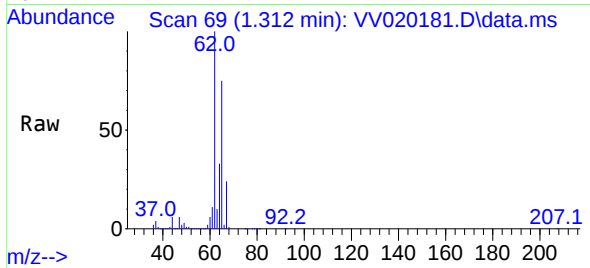




#5
 Vinyl chloride
 Concen: 52.02 ug/L
 RT: 1.312 min Scan# 69
 Delta R.T. 0.000 min
 Lab File: VV020181.D
 Acq: 26 Jan 2021 20:29

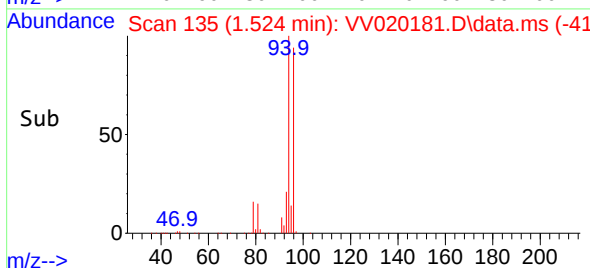
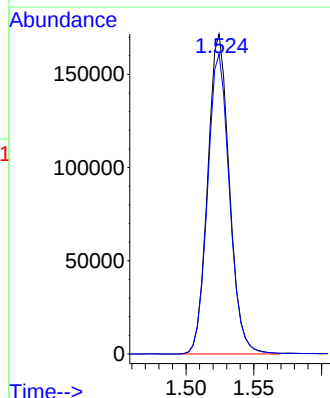
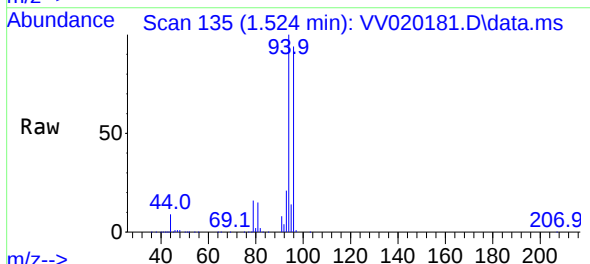
Instrument :
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 ClientSampled :

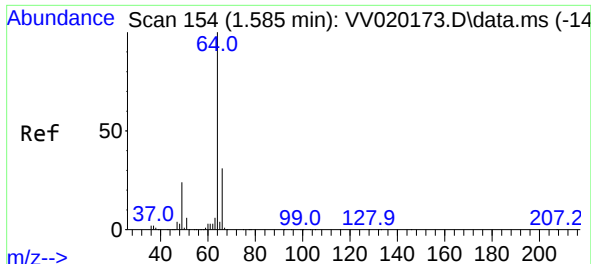
Tgt Ion: 62 Resp: 333424
 Ion Ratio Lower Upper
 62 100
 64 32.9 23.1 42.9



#6
 Bromomethane
 Concen: 53.90 ug/L
 RT: 1.524 min Scan# 135
 Delta R.T. 0.003 min
 Lab File: VV020181.D
 Acq: 26 Jan 2021 20:29

Tgt Ion: 94 Resp: 190925
 Ion Ratio Lower Upper
 94 100
 96 93.8 65.9 122.5

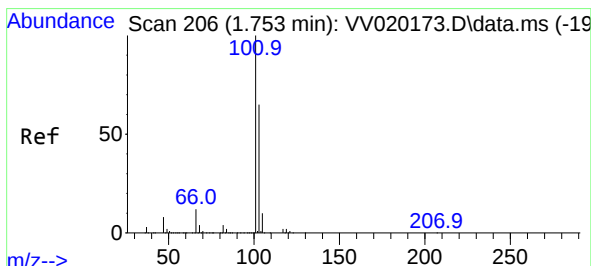
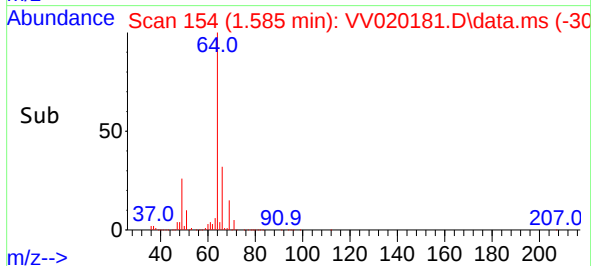
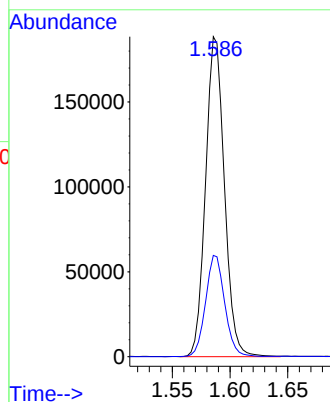
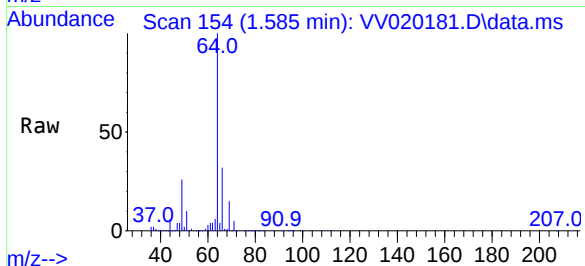




#8
Chloroethane
Concen: 54.12 ug/L
RT: 1.585 min Scan# 154
Delta R.T. 0.000 min
Lab File: VV020181.D
Acq: 26 Jan 2021 20:29

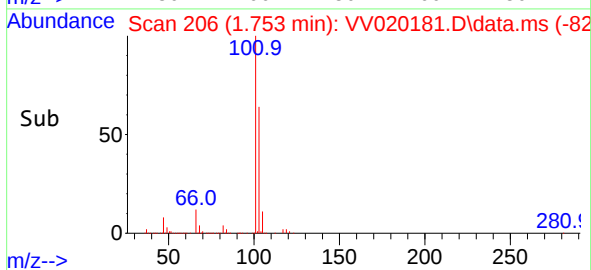
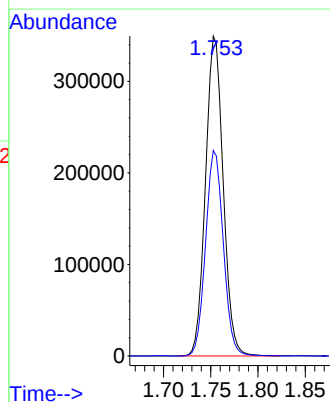
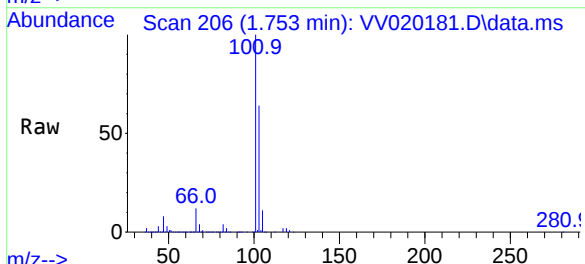
Instrument :
MSVOA_V
ClientSampled :

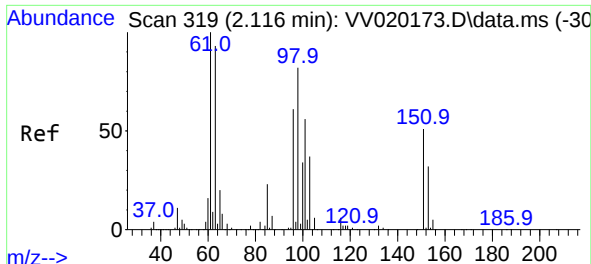
Tgt Ion: 64 Resp: 213950
Ion Ratio Lower Upper
64 100
66 31.7 21.8 40.4



#9
Trichlorofluoromethane
Concen: 48.92 ug/L
RT: 1.753 min Scan# 206
Delta R.T. 0.000 min
Lab File: VV020181.D
Acq: 26 Jan 2021 20:29

Tgt Ion:101 Resp: 454604
Ion Ratio Lower Upper
101 100
103 64.6 51.8 77.6

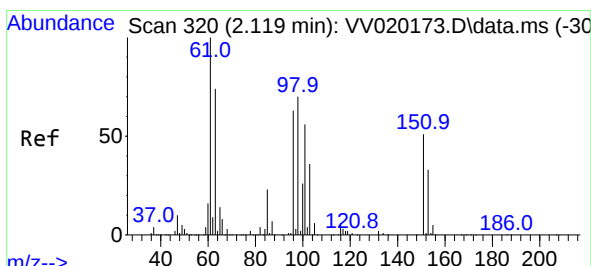
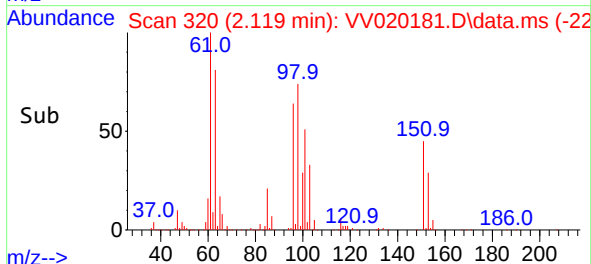
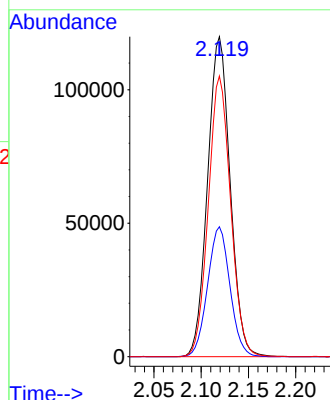
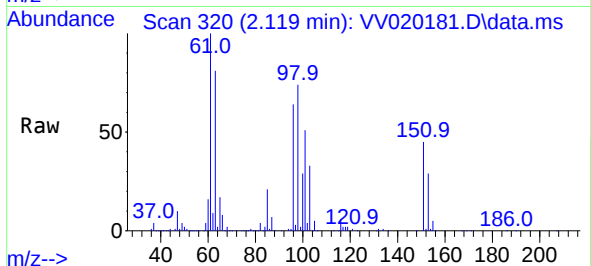




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 41.44 ug/L
RT: 2.119 min Scan# 320
Delta R.T. 0.003 min
Lab File: VV020181.D
Acq: 26 Jan 2021 20:29

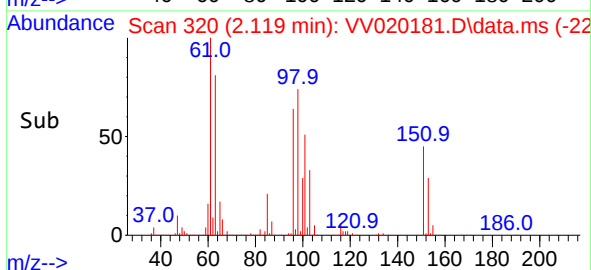
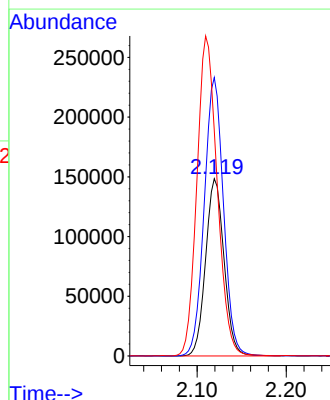
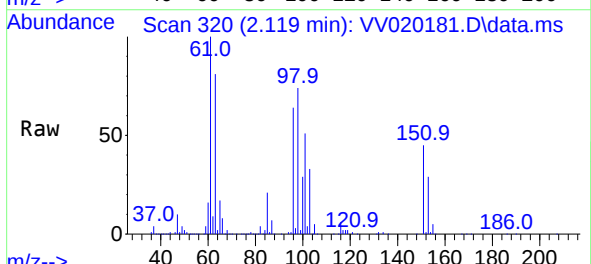
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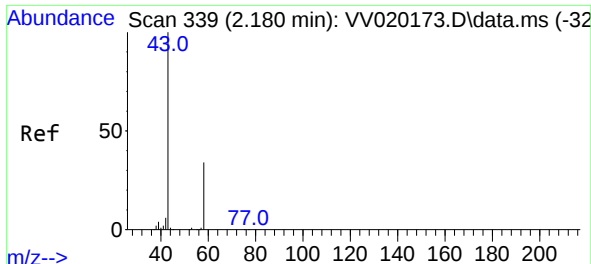
Tgt Ion:101 Resp: 199229
Ion Ratio Lower Upper
101 100
85 40.3 32.4 48.6
151 86.8 71.0 106.6



#12
1,1-Dichloroethene
Concen: 46.99 ug/L
RT: 2.119 min Scan# 320
Delta R.T. 0.000 min
Lab File: VV020181.D
Acq: 26 Jan 2021 20:29

Tgt Ion: 96 Resp: 212886
Ion Ratio Lower Upper
96 100
61 157.1 110.9 206.1
63 127.2 82.1 152.5

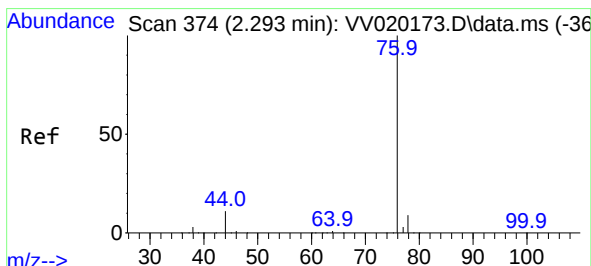
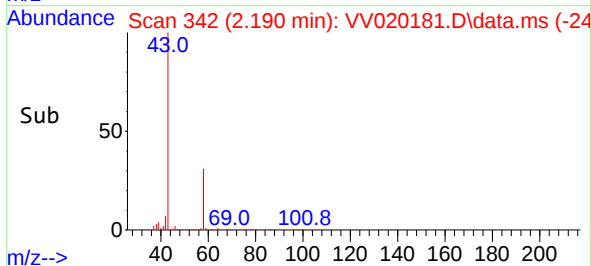
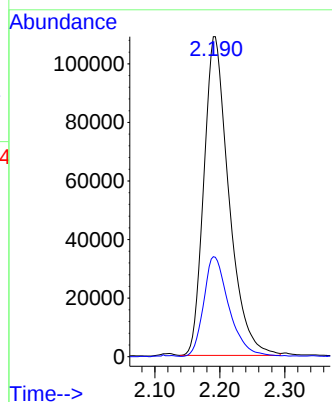
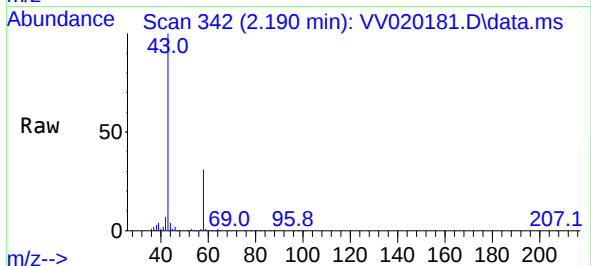




#13
Acetone
Concen: 123.31 ug/L
RT: 2.190 min Scan# 342
Delta R.T. 0.010 min
Lab File: VV020181.D
Acq: 26 Jan 2021 20:29

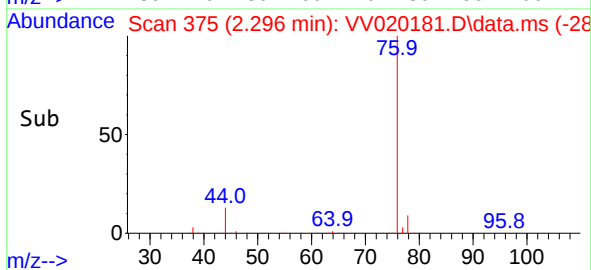
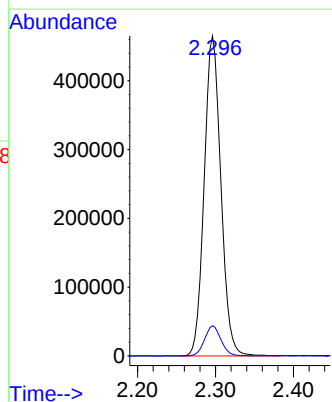
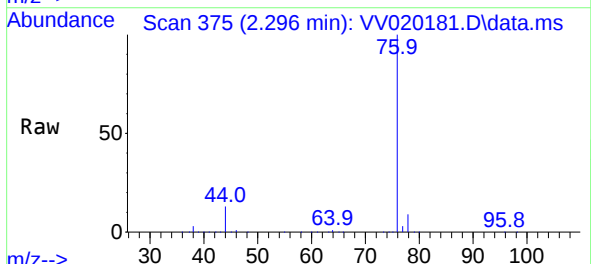
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ClientSampleId :

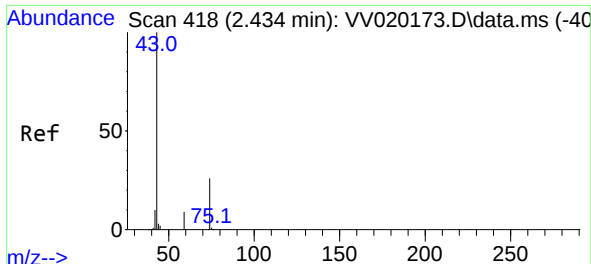
Tgt Ion: 43 Resp: 291781
Ion Ratio Lower Upper
43 100
58 31.6 0.0 68.0



#14
Carbon disulfide
Concen: 52.93 ug/L
RT: 2.296 min Scan# 375
Delta R.T. 0.003 min
Lab File: VV020181.D
Acq: 26 Jan 2021 20:29

Tgt Ion: 76 Resp: 691947
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.2

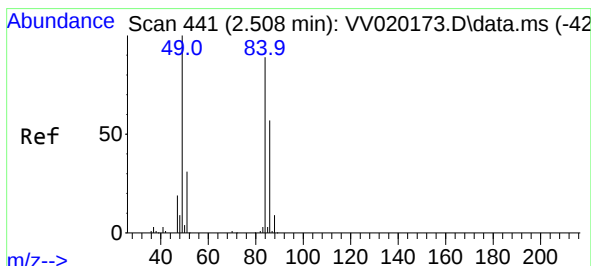
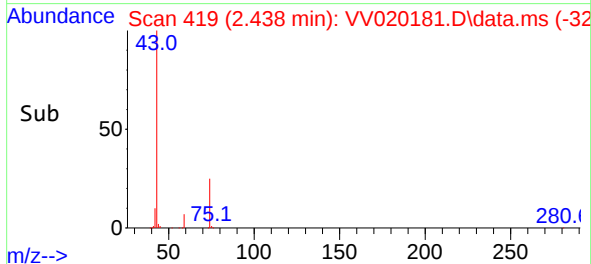
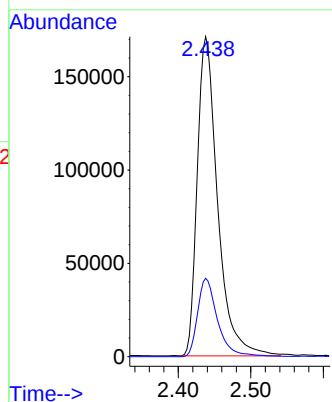
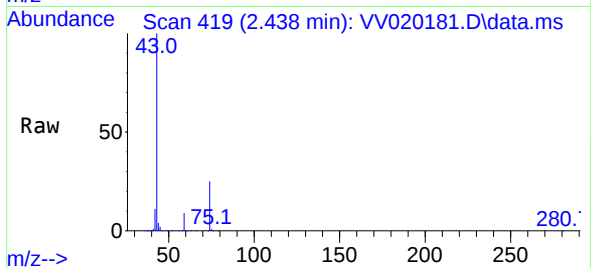




#15
Methyl Acetate
Concen: 62.74 ug/L
RT: 2.438 min Scan# 419
Delta R.T. 0.003 min
Lab File: VV020181.D
Acq: 26 Jan 2021 20:29

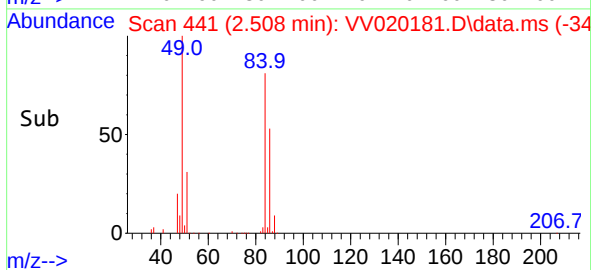
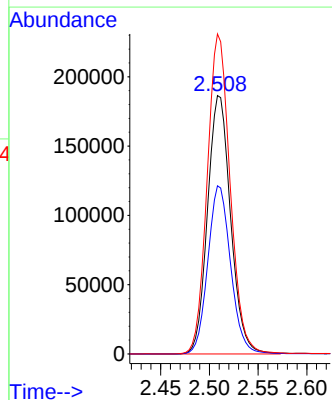
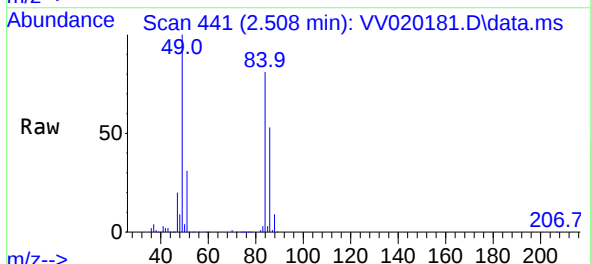
Instrument :
MSVOA_V
ClientSampled :

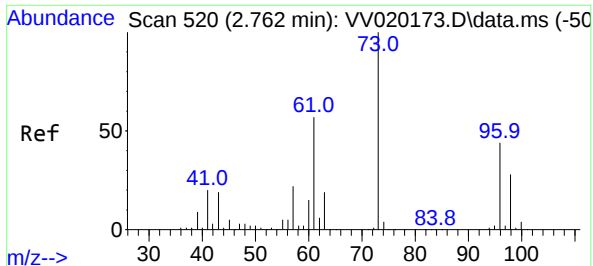
Tgt Ion: 43 Resp: 333977
Ion Ratio Lower Upper
43 100
74 23.9 20.6 30.8



#16
Methylene chloride
Concen: 56.54 ug/L
RT: 2.508 min Scan# 441
Delta R.T. 0.000 min
Lab File: VV020181.D
Acq: 26 Jan 2021 20:29

Tgt Ion: 84 Resp: 307532
Ion Ratio Lower Upper
84 100
86 65.1 44.8 83.2
49 123.8 78.5 145.7



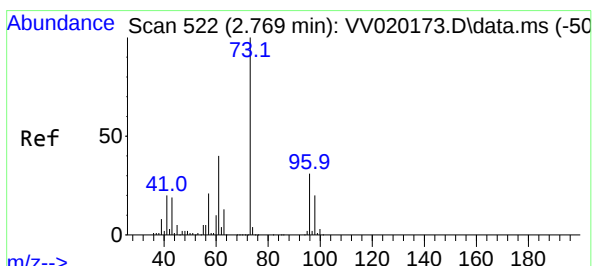
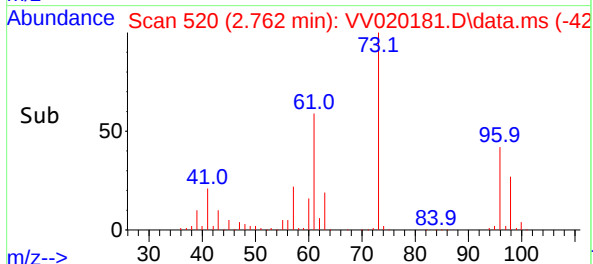
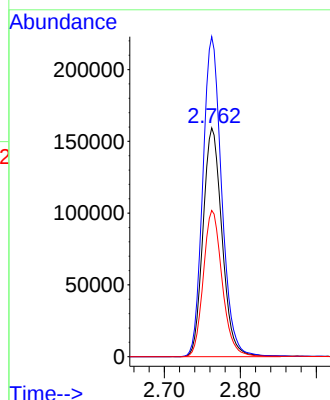
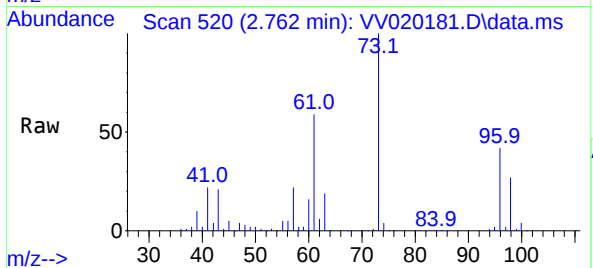


#17

trans-1,2-Dichloroethene
Concen: 53.72 ug/L
RT: 2.762 min Scan# 520
Delta R.T. 0.000 min
Lab File: VV020181.D
Acq: 26 Jan 2021 20:29

Tgt Ion: 96 Resp: 276600
Ion Ratio Lower Upper
96 100
61 139.9 92.0 170.9
98 63.9 44.2 82.2

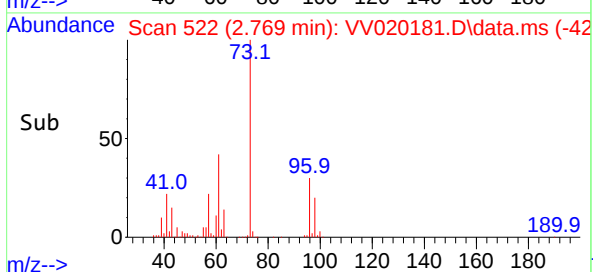
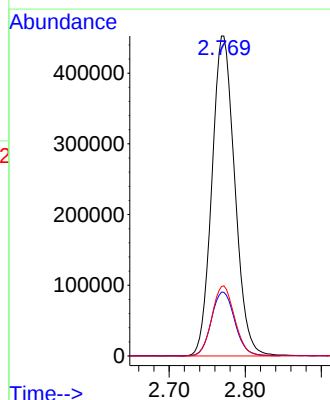
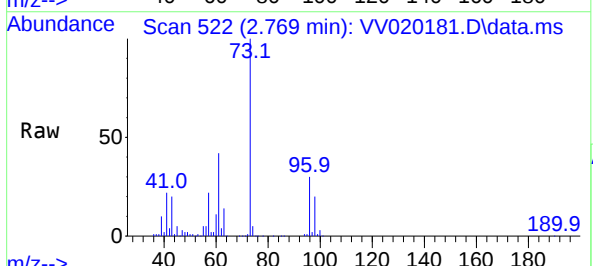
Instrument :
MSVOA_V
ClientSampleId :

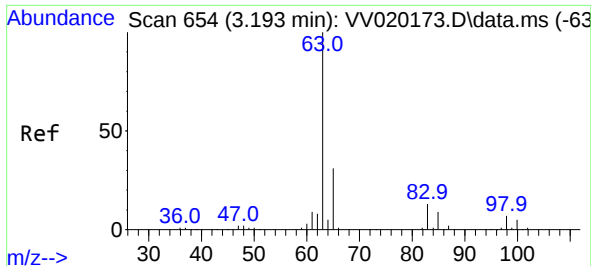


#18

Methyl tert-butyl Ether
Concen: 58.10 ug/L
RT: 2.769 min Scan# 522
Delta R.T. 0.000 min
Lab File: VV020181.D
Acq: 26 Jan 2021 20:29

Tgt Ion: 73 Resp: 945258
Ion Ratio Lower Upper
73 100
43 20.3 15.0 22.6
57 21.7 17.2 25.8



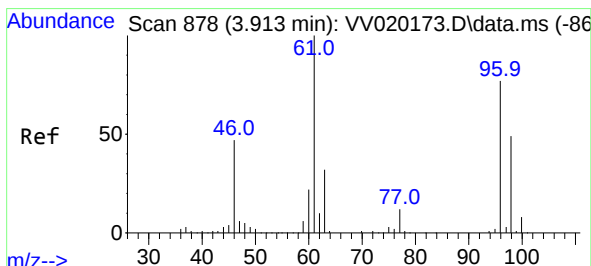
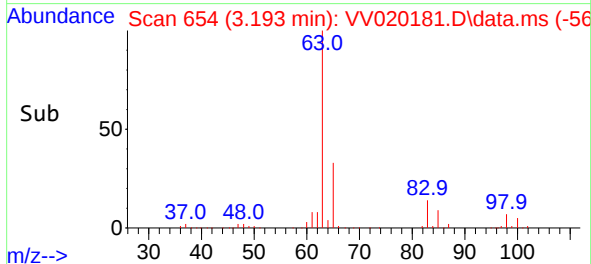
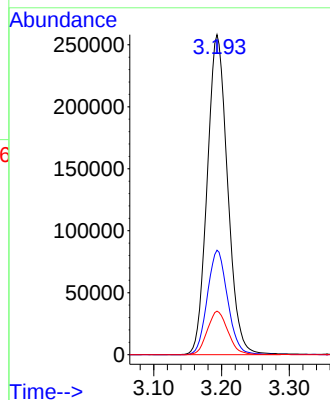
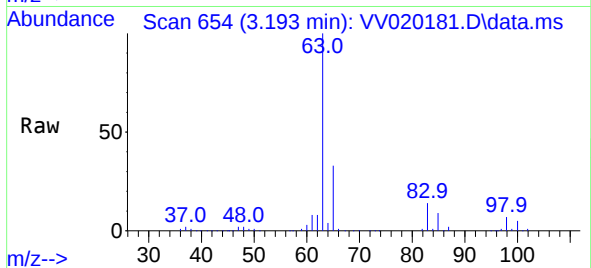


#19

1,1-Dichloroethane
Concen: 55.17 ug/L
RT: 3.193 min Scan# 654
Delta R.T. 0.000 min
Lab File: VV020181.D
Acq: 26 Jan 2021 20:29

Instrument :
MSVOA_V
ClientSampled :

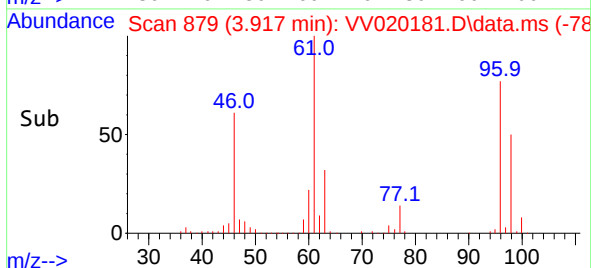
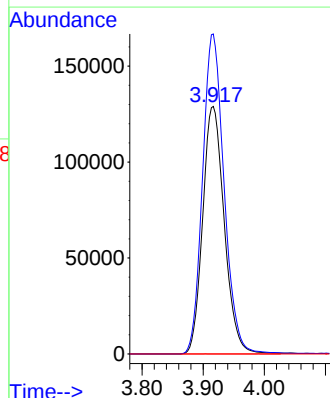
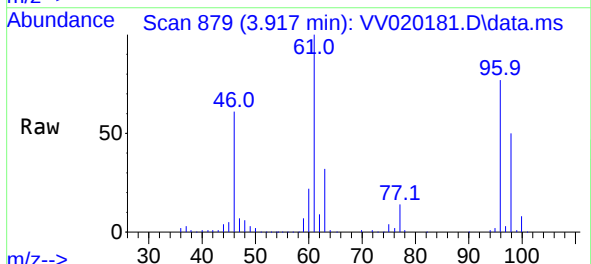
Tgt Ion: 63 Resp: 539123
Ion Ratio Lower Upper
63 100
65 32.7 21.8 40.4
83 13.6 9.4 17.4

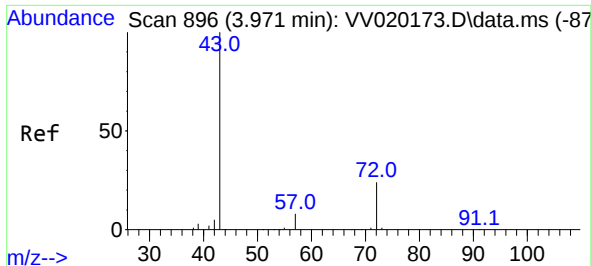


#20

cis-1,2-Dichloroethene
Concen: 53.83 ug/L
RT: 3.917 min Scan# 879
Delta R.T. 0.003 min
Lab File: VV020181.D
Acq: 26 Jan 2021 20:29

Tgt Ion: 96 Resp: 316377
Ion Ratio Lower Upper
96 100
61 129.3 90.6 168.3
68 0.0 0.0 0.0

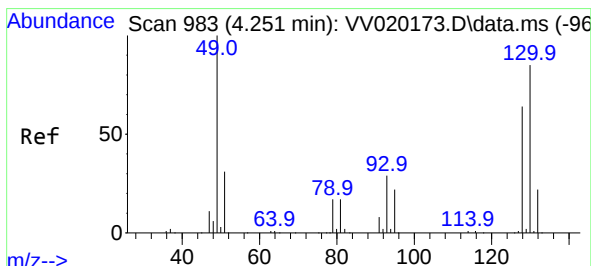
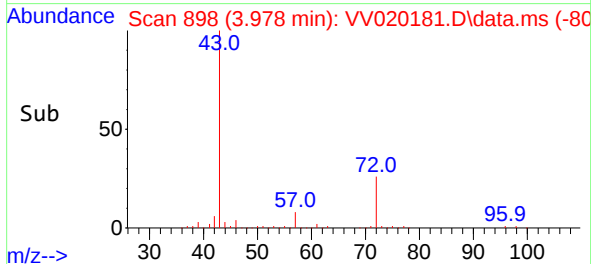
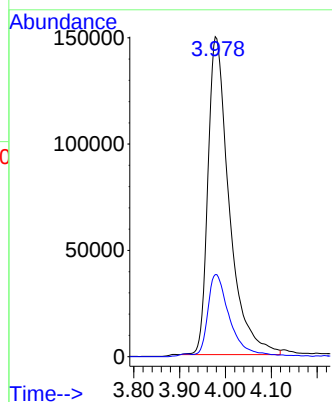
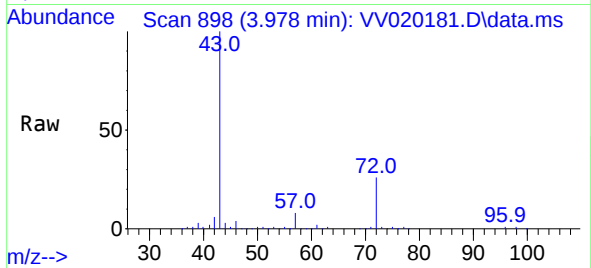




#22
2-Butanone
Concen: 121.55 ug/L
RT: 3.978 min Scan# 898
Delta R.T. 0.006 min
Lab File: VV020181.D
Acq: 26 Jan 2021 20:29

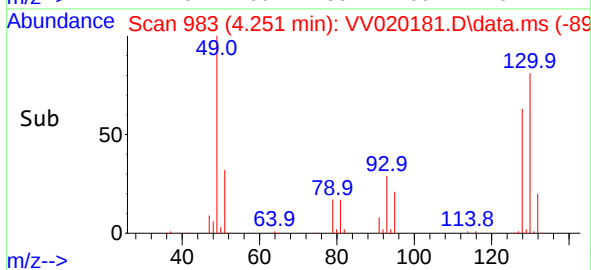
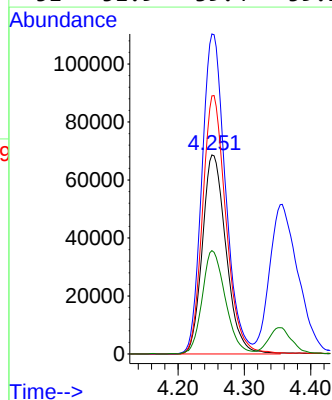
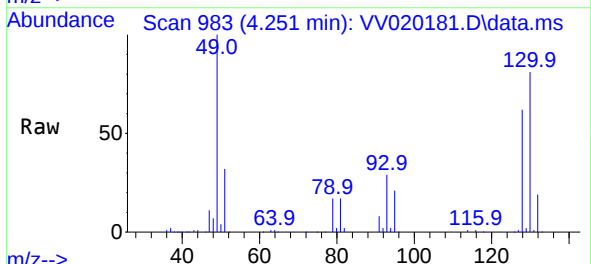
Instrument :
MSVOA_V
ClientSampled :

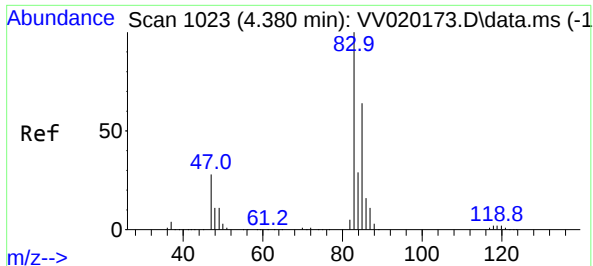
Tgt Ion: 43 Resp: 482429
Ion Ratio Lower Upper
43 100
72 24.7 12.7 38.1



#23
Bromochloromethane
Concen: 52.72 ug/L
RT: 4.251 min Scan# 983
Delta R.T. 0.000 min
Lab File: VV020181.D
Acq: 26 Jan 2021 20:29

Tgt Ion:128 Resp: 169769
Ion Ratio Lower Upper
128 100
49 160.8 109.8 203.8
130 129.7 92.8 172.4
51 51.9 39.4 59.2



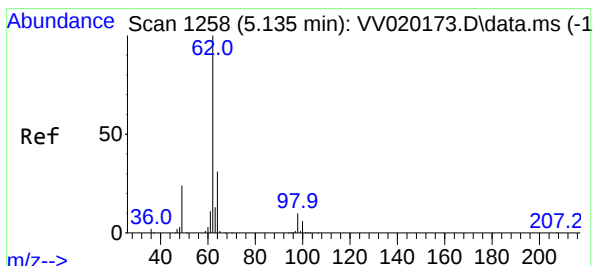
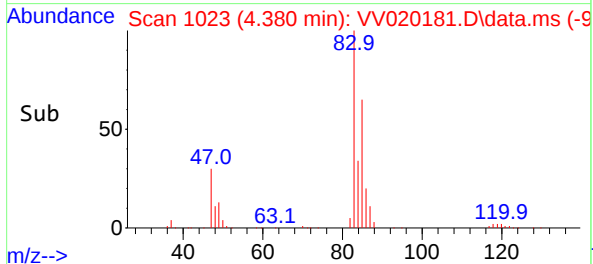
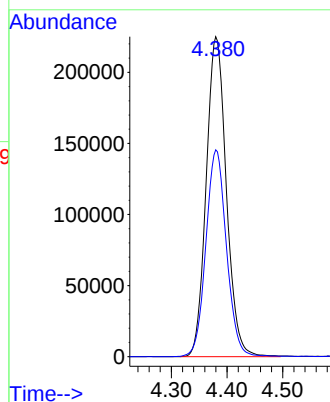
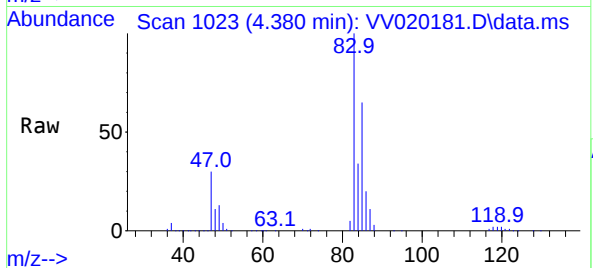


#25

Chloroform
Concen: 53.85 ug/L
RT: 4.380 min Scan# 1023
Delta R.T. 0.000 min
Lab File: VV020181.D
Acq: 26 Jan 2021 20:29

Instrument :
MSVOA_V
ClientSampled :

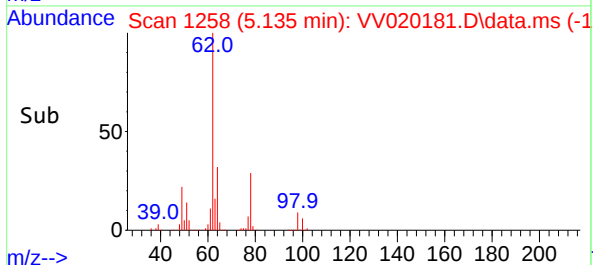
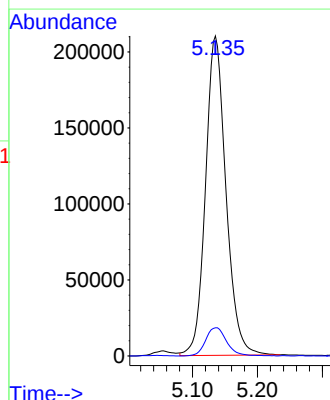
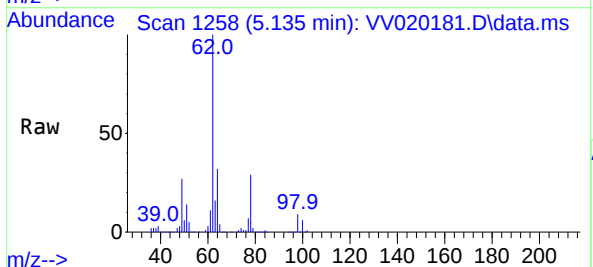
Tgt Ion: 83 Resp: 565104
Ion Ratio Lower Upper
83 100
85 64.6 44.6 82.8

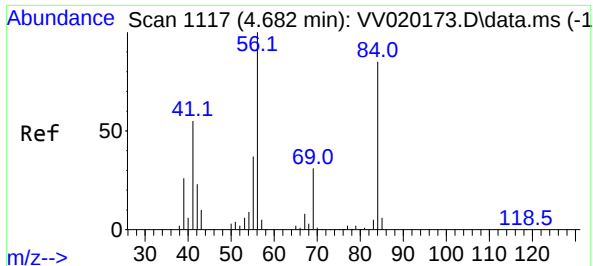


#27

1,2-Dichloroethane
Concen: 55.62 ug/L
RT: 5.135 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VV020181.D
Acq: 26 Jan 2021 20:29

Tgt Ion: 62 Resp: 460347
Ion Ratio Lower Upper
62 100
98 8.8 7.8 11.6





#29

Cyclohexane

Concen: 48.72 ug/L

RT: 4.682 min Scan# 1117

Delta R.T. 0.000 min

Lab File: VV020181.D

Acq: 26 Jan 2021 20:29

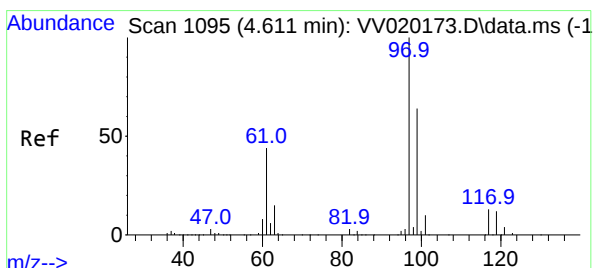
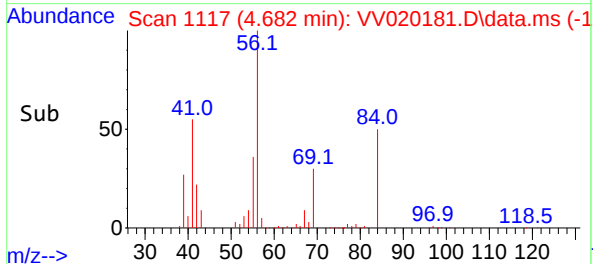
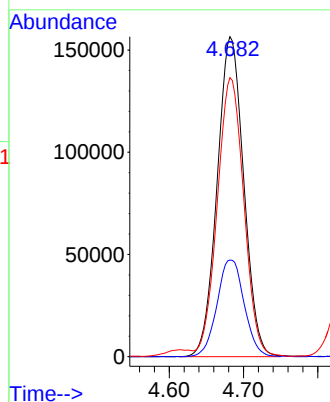
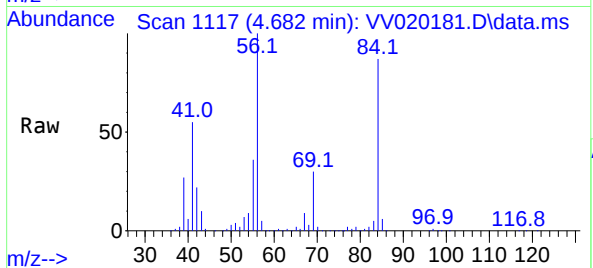
Tgt Ion: 56 Resp: 389418

Ion Ratio Lower Upper

56 100

69 30.9 25.1 37.7

84 87.0 70.6 106.0



#30

1,1,1-Trichloroethane

Concen: 54.25 ug/L

RT: 4.614 min Scan# 1096

Delta R.T. 0.003 min

Lab File: VV020181.D

Acq: 26 Jan 2021 20:29

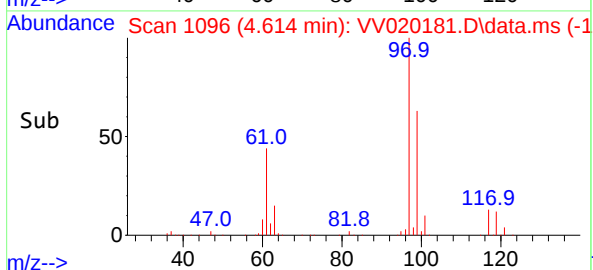
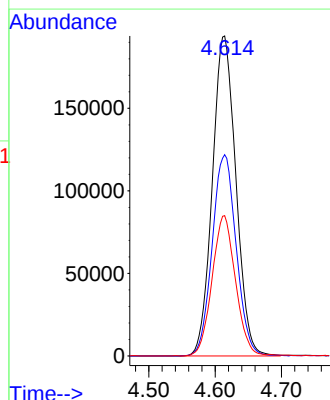
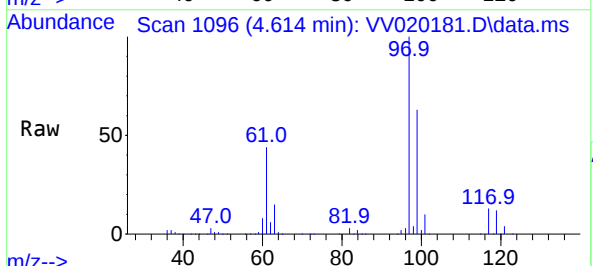
Tgt Ion: 97 Resp: 479148

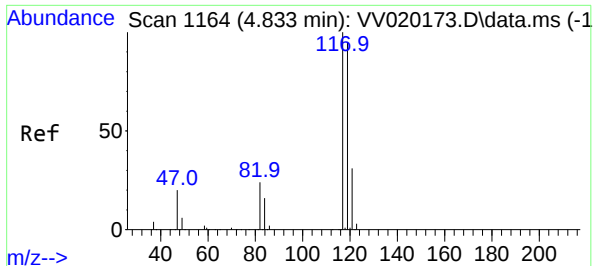
Ion Ratio Lower Upper

97 100

99 64.2 51.9 77.9

61 43.5 35.4 53.2

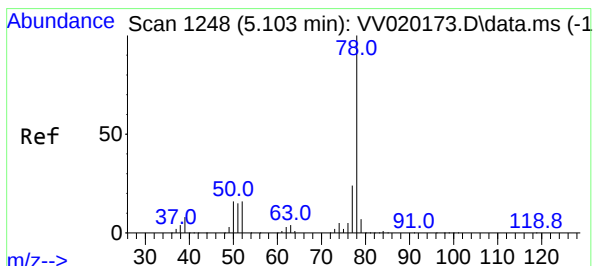
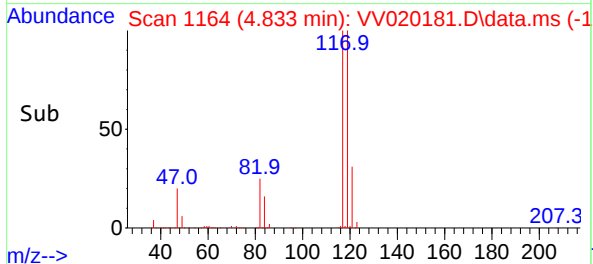
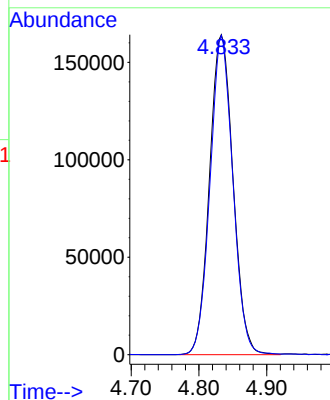
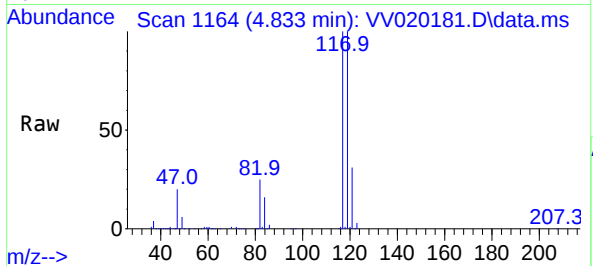




#31
Carbon tetrachloride
Concen: 51.57 ug/L
RT: 4.833 min Scan# 1164
Delta R.T. 0.000 min
Lab File: VV020181.D
Acq: 26 Jan 2021 20:29

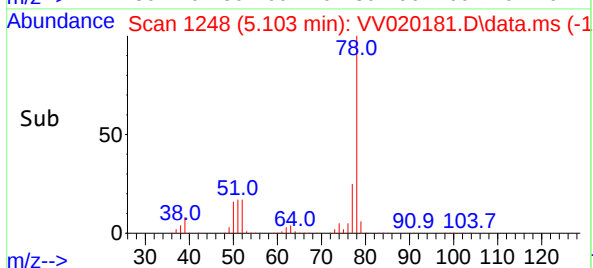
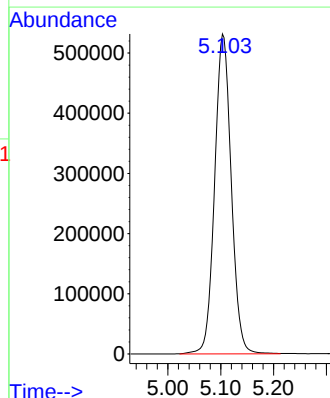
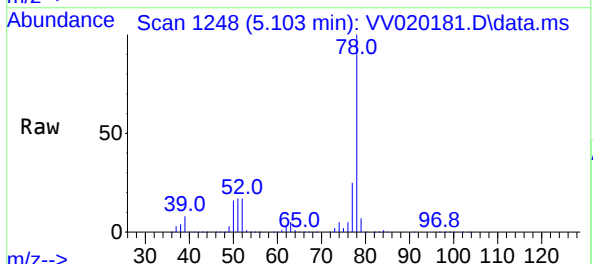
Instrument :
MSVOA_V
ClientSampleId :

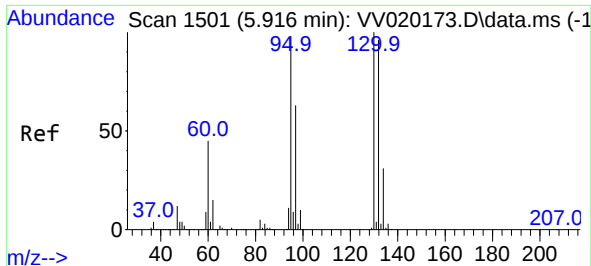
Tgt Ion:117 Resp: 395820
Ion Ratio Lower Upper
117 100
119 96.2 76.9 115.3



#33
Benzene
Concen: 55.63 ug/L
RT: 5.103 min Scan# 1248
Delta R.T. 0.000 min
Lab File: VV020181.D
Acq: 26 Jan 2021 20:29

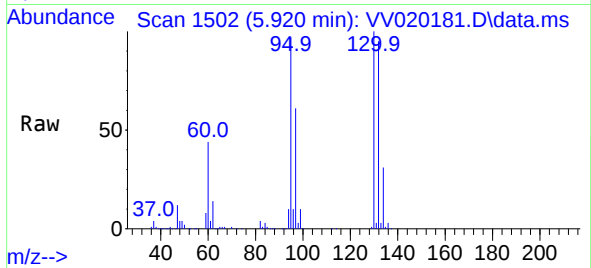
Tgt Ion: 78 Resp: 1162164



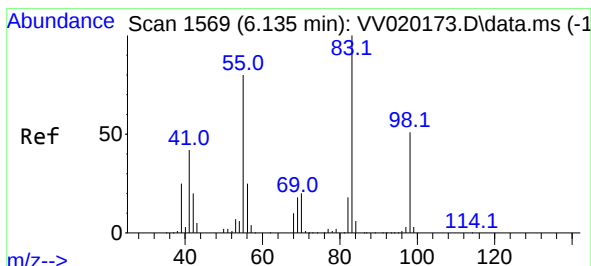
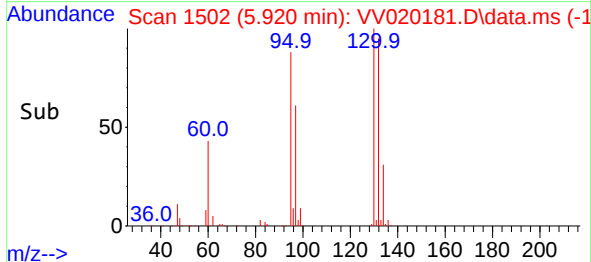
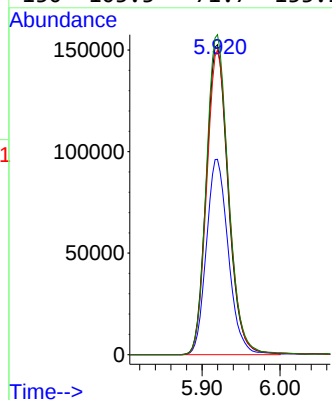


#34
Trichloroethene
Concen: 51.32 ug/L
RT: 5.920 min Scan# 1502
Delta R.T. 0.003 min
Lab File: VV020181.D
Acq: 26 Jan 2021 20:29

Instrument :
MSVOA_V
ClientSampled :

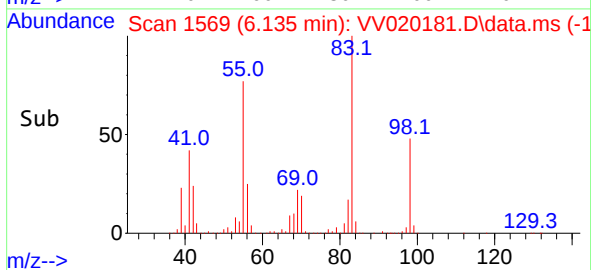
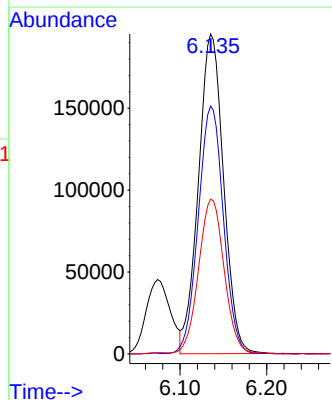
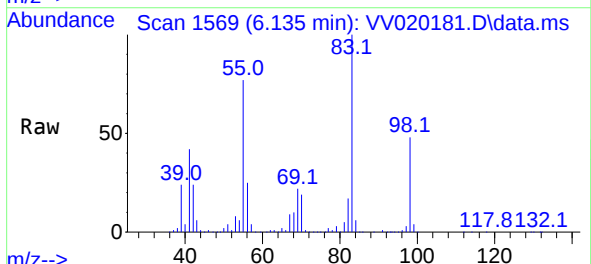


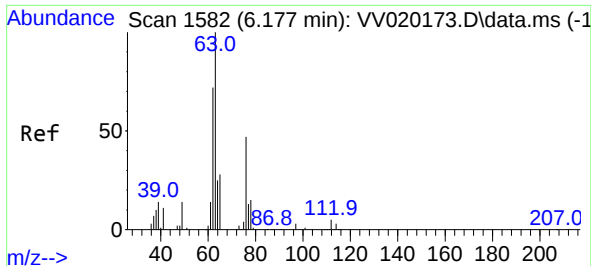
Tgt Ion: 95 Resp: 298794
Ion Ratio Lower Upper
95 100
97 63.1 45.4 84.4
132 98.3 68.7 127.7
130 103.3 71.7 133.1



#35
Methylcyclohexane
Concen: 46.10 ug/L
RT: 6.135 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VV020181.D
Acq: 26 Jan 2021 20:29

Tgt Ion: 83 Resp: 393532
Ion Ratio Lower Upper
83 100
55 77.6 61.4 92.0
98 49.5 39.9 59.9

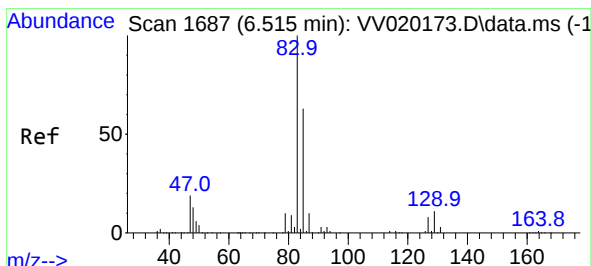
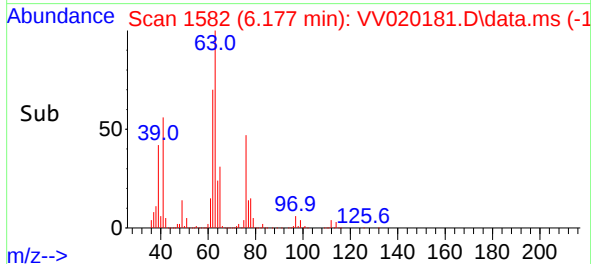
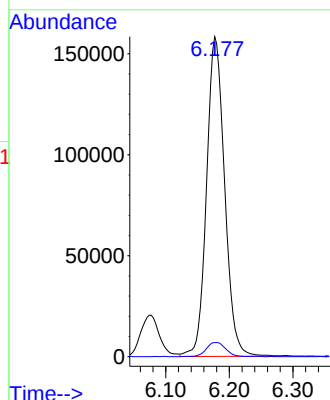
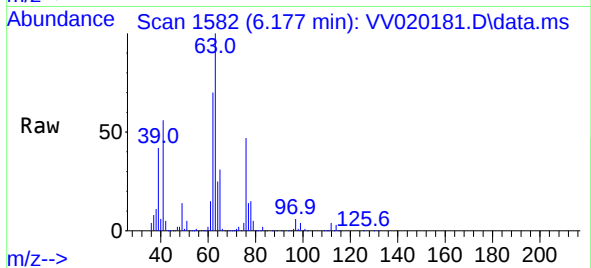




#37
1,2-Dichloropropane
Concen: 55.51 ug/L
RT: 6.177 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VV020181.D
Acq: 26 Jan 2021 20:29

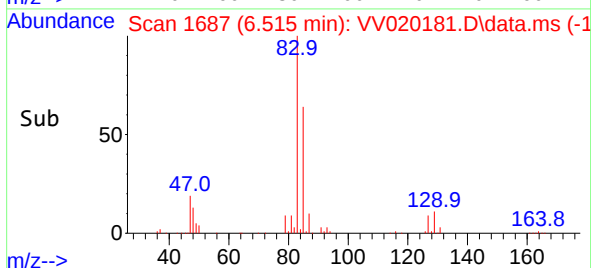
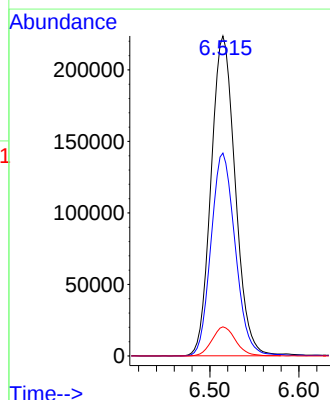
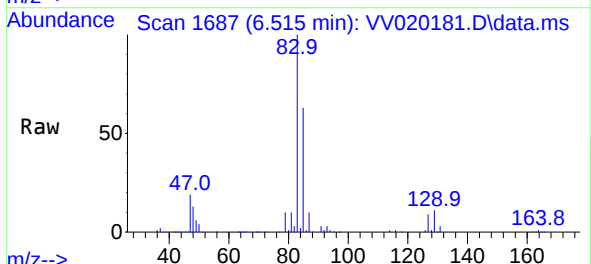
Instrument :
MSVOA_V
ClientSampled :

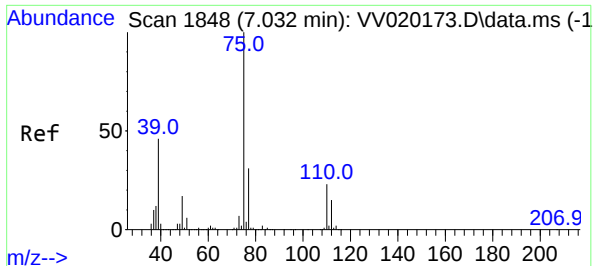
Tgt Ion: 63 Resp: 312159
Ion Ratio Lower Upper
63 100
112 4.8 3.9 5.9



#38
Bromodichloromethane
Concen: 55.24 ug/L
RT: 6.515 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VV020181.D
Acq: 26 Jan 2021 20:29

Tgt Ion: 83 Resp: 420269
Ion Ratio Lower Upper
83 100
85 63.4 44.2 82.2
127 9.1 6.8 10.2

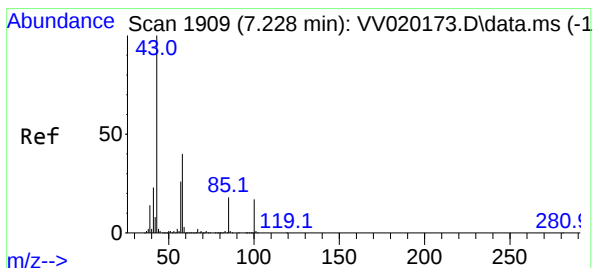
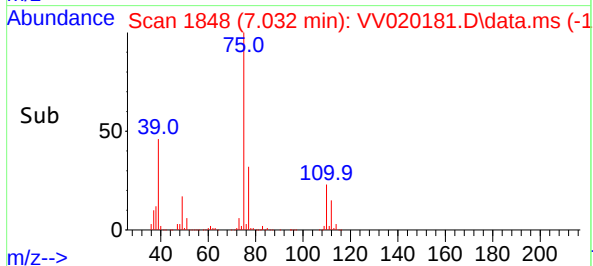
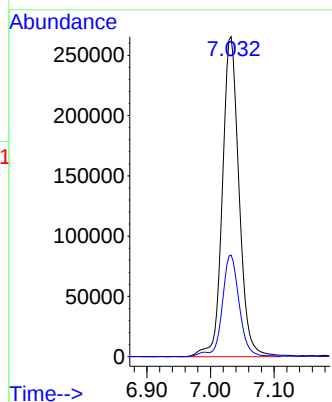
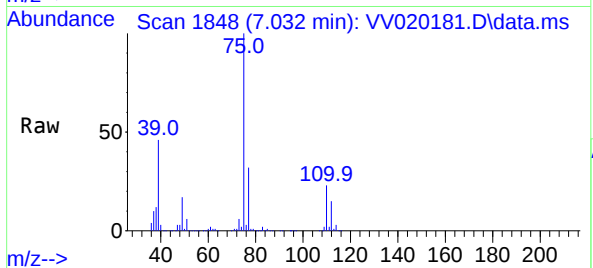




#39
cis-1,3-Dichloropropene
Concen: 57.22 ug/L
RT: 7.032 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VV020181.D
Acq: 26 Jan 2021 20:29

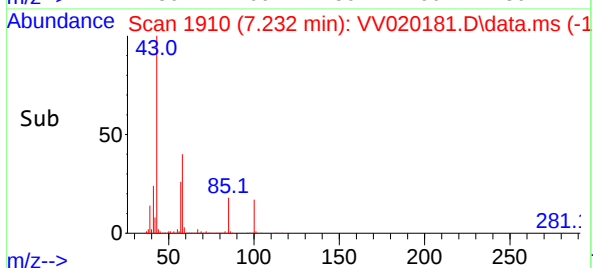
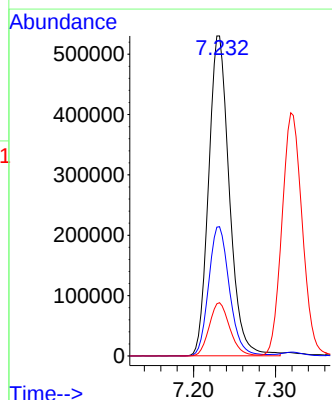
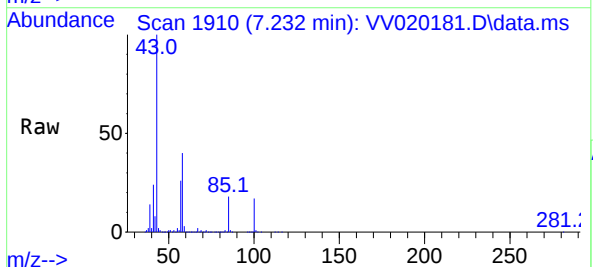
Instrument :
MSVOA_V
ClientSampleId :

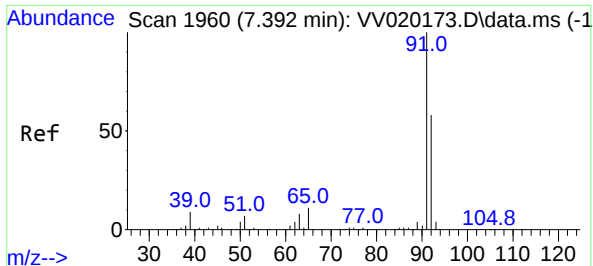
Tgt Ion: 75 Resp: 484442
Ion Ratio Lower Upper
75 100
77 31.8 21.8 40.6



#40
4-Methyl-2-pentanone
Concen: 120.97 ug/L
RT: 7.232 min Scan# 1910
Delta R.T. 0.003 min
Lab File: VV020181.D
Acq: 26 Jan 2021 20:29

Tgt Ion: 43 Resp: 934175
Ion Ratio Lower Upper
43 100
58 40.5 32.1 48.1
100 16.5 13.4 20.0

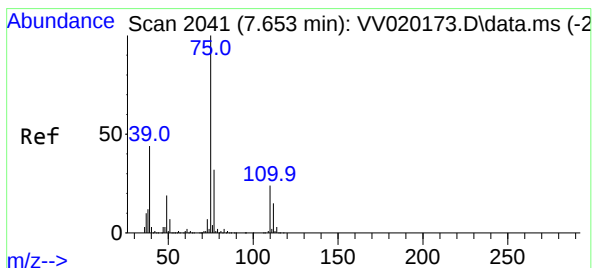
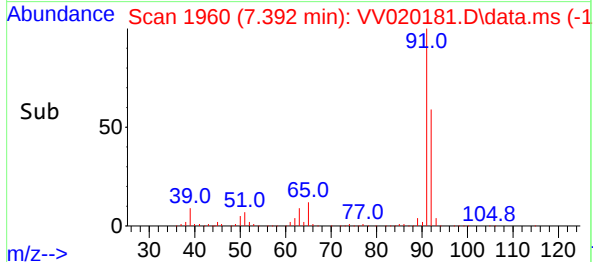
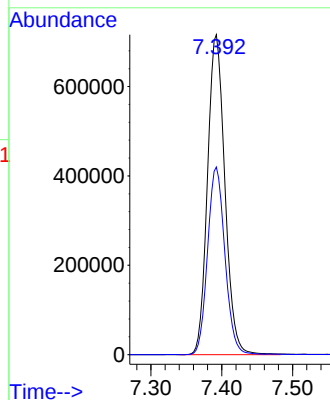
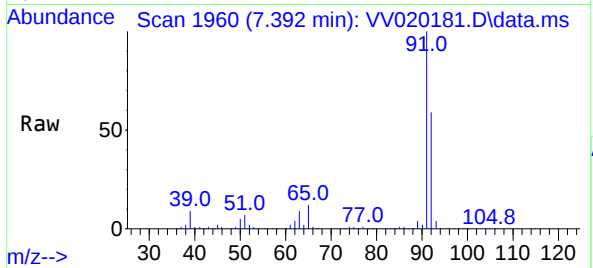




#42
Toluene
Concen: 54.00 ug/L
RT: 7.392 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VV020181.D
Acq: 26 Jan 2021 20:29

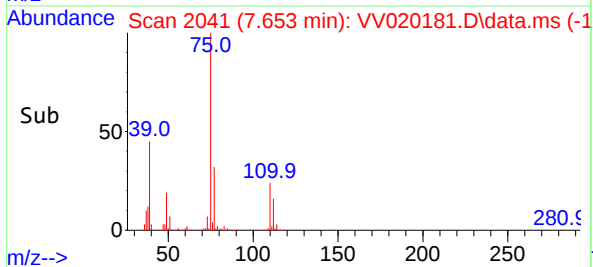
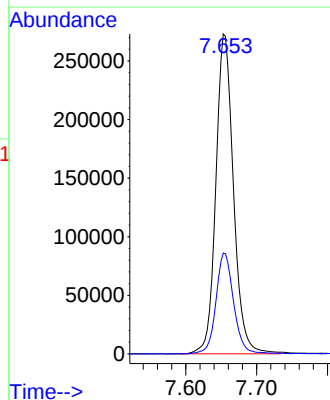
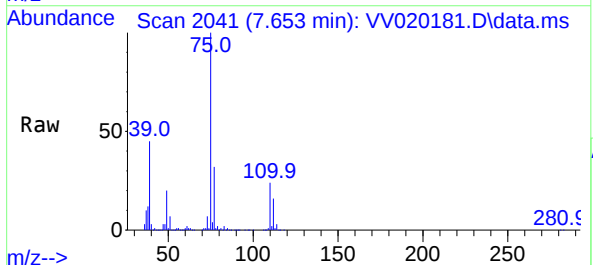
Instrument :
MSVOA_V
ClientSampled :

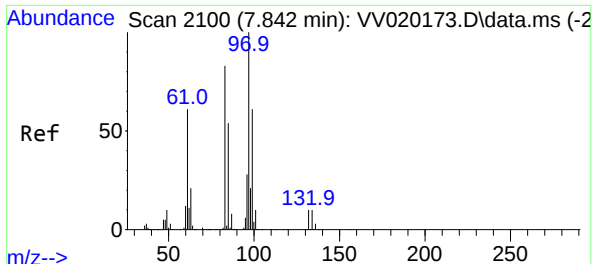
Tgt Ion: 91 Resp: 1219356
Ion Ratio Lower Upper
91 100
92 58.6 40.9 75.9



#44
trans-1,3-Dichloropropene
Concen: 57.61 ug/L
RT: 7.653 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VV020181.D
Acq: 26 Jan 2021 20:29

Tgt Ion: 75 Resp: 471094
Ion Ratio Lower Upper
75 100
77 31.5 22.5 41.7



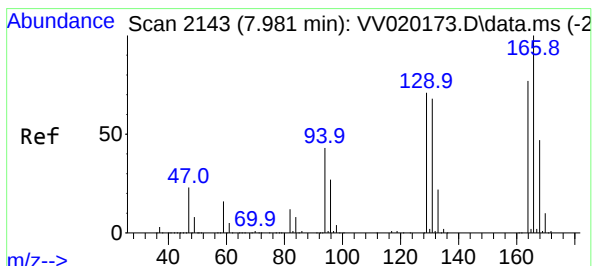
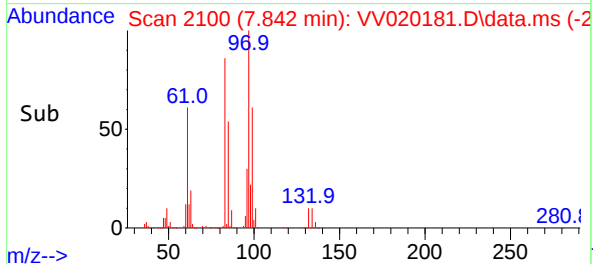
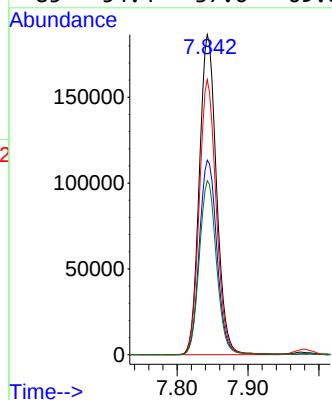
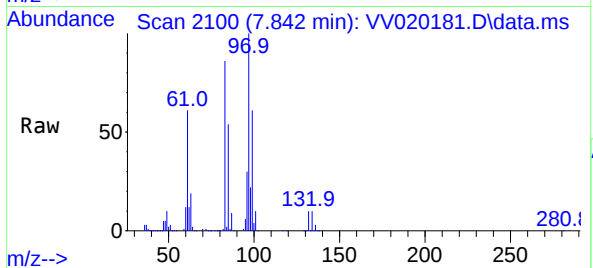


#45
1,1,2-Trichloroethane
Concen: 58.15 ug/L
RT: 7.842 min Scan# 2100
Delta R.T. 0.000 min
Lab File: VV020181.D
Acq: 26 Jan 2021 20:29

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 97 Resp: 313890

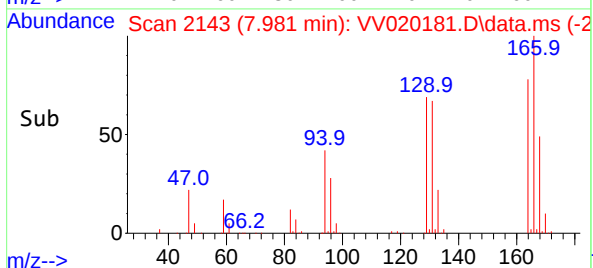
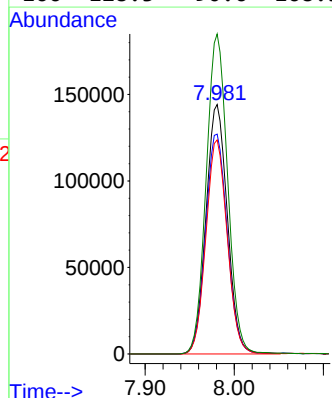
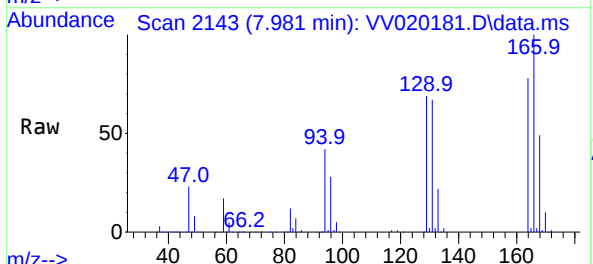
Ion	Ratio	Lower	Upper
97	100		
99	60.8	43.0	79.8
83	86.0	57.8	107.4
85	54.4	37.6	69.8

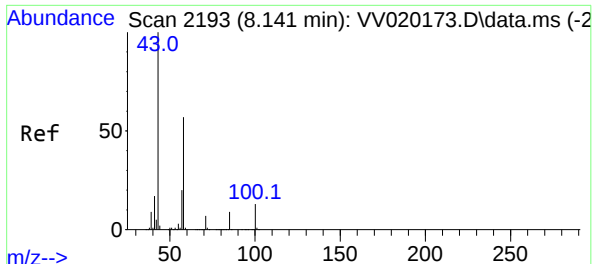


#46
Tetrachloroethene
Concen: 50.46 ug/L
RT: 7.981 min Scan# 2143
Delta R.T. 0.000 min
Lab File: VV020181.D
Acq: 26 Jan 2021 20:29

Tgt Ion: 164 Resp: 240677

Ion	Ratio	Lower	Upper
164	100		
129	88.1	64.0	118.8
131	85.8	61.2	113.8
166	128.3	90.6	168.3



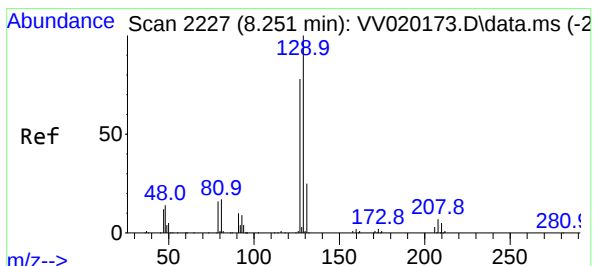
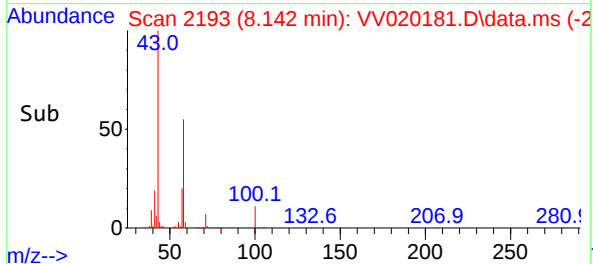
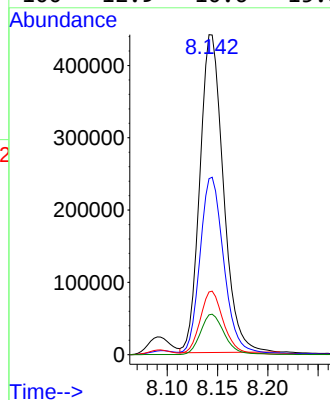
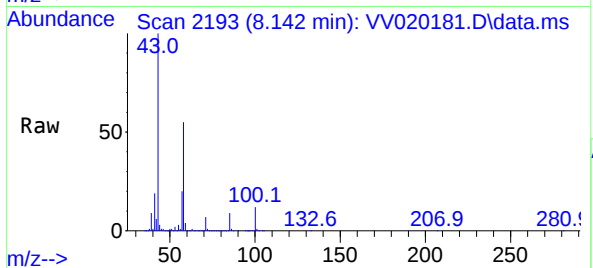


#48
2-Hexanone
Concen: 129.73 ug/L
RT: 8.142 min Scan# 2193
Delta R.T. 0.000 min
Lab File: VV020181.D
Acq: 26 Jan 2021 20:29

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 43 Resp: 717039

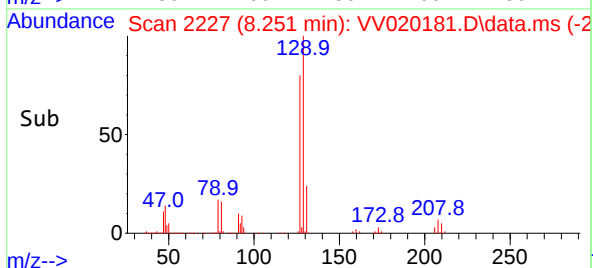
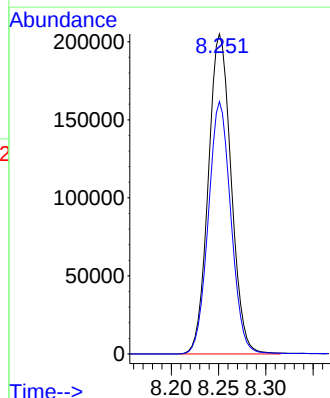
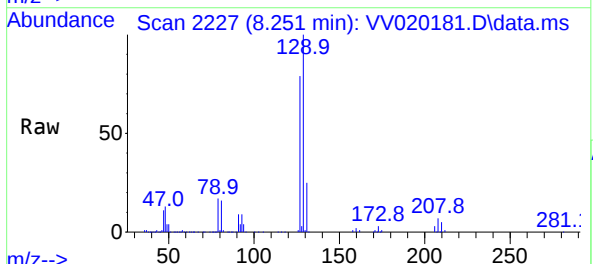
Ion	Ratio	Lower	Upper
43	100		
58	56.5	45.3	67.9
57	19.7	15.8	23.6
100	12.9	10.6	15.8

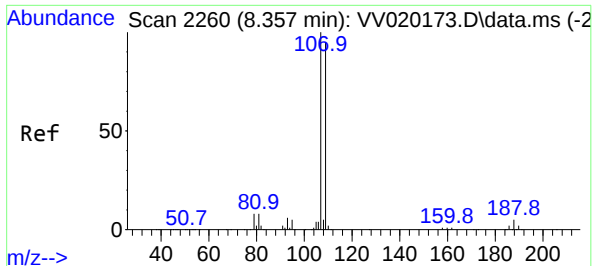


#49
Dibromochloromethane
Concen: 57.35 ug/L
RT: 8.251 min Scan# 2227
Delta R.T. 0.000 min
Lab File: VV020181.D
Acq: 26 Jan 2021 20:29

Tgt Ion: 129 Resp: 345195

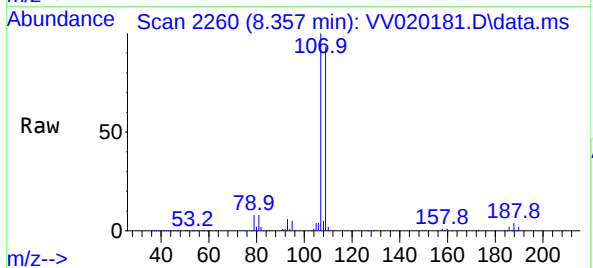
Ion	Ratio	Lower	Upper
129	100		
127	78.8	54.7	101.7



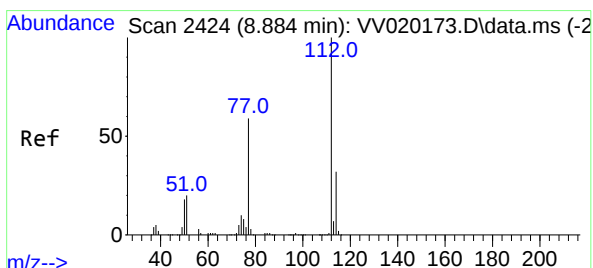
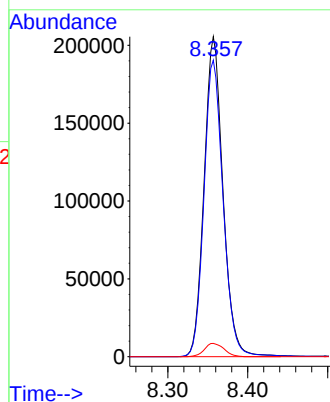
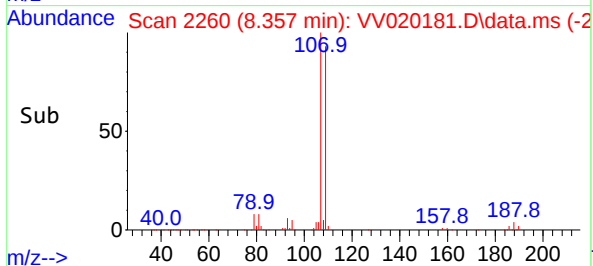


#50
1,2-Dibromoethane
Concen: 58.53 ug/L
RT: 8.357 min Scan# 2260
Delta R.T. 0.000 min
Lab File: VV020181.D
Acq: 26 Jan 2021 20:29

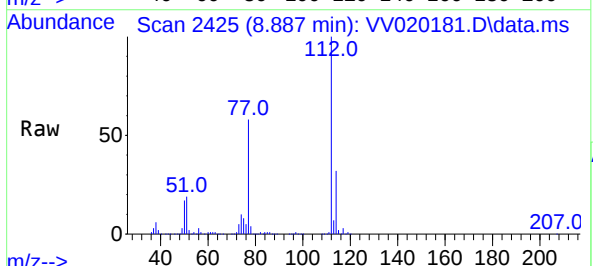
Instrument :
MSVOA_V
ClientSampleId :



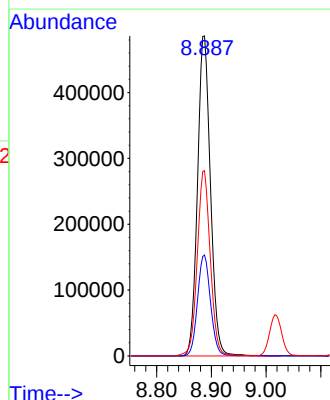
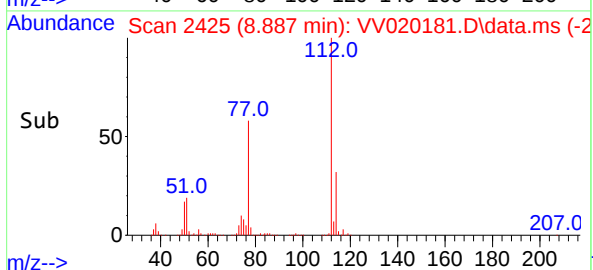
Tgt Ion:107 Resp: 337155
Ion Ratio Lower Upper
107 100
109 92.7 66.2 123.0
188 4.2 3.6 5.4

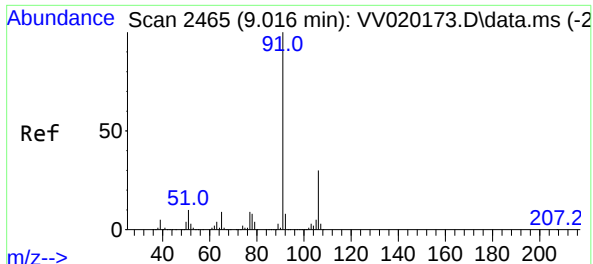


#51
Chlorobenzene
Concen: 53.35 ug/L
RT: 8.887 min Scan# 2425
Delta R.T. 0.003 min
Lab File: VV020181.D
Acq: 26 Jan 2021 20:29



Tgt Ion:112 Resp: 798006
Ion Ratio Lower Upper
112 100
114 31.6 22.5 41.7
77 57.9 47.3 70.9

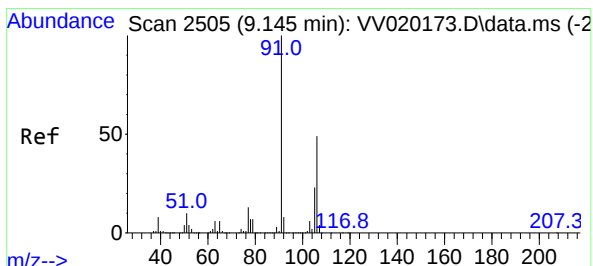
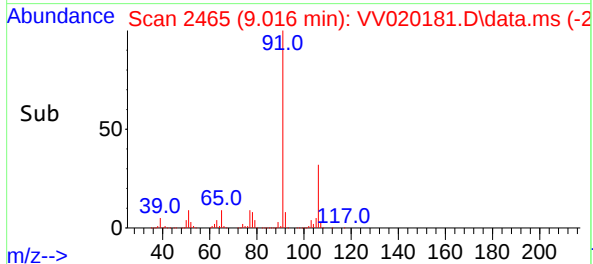
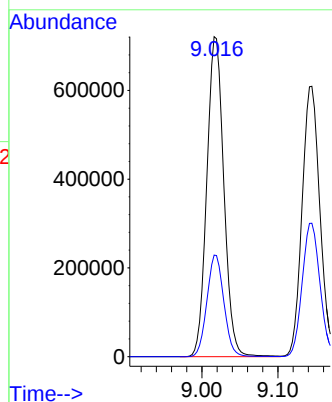
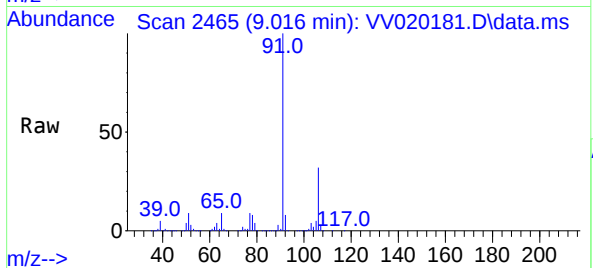




#52
Ethylbenzene
Concen: 45.22 ug/L
RT: 9.016 min Scan# 2465
Delta R.T. 0.000 min
Lab File: VV020181.D
Acq: 26 Jan 2021 20:29

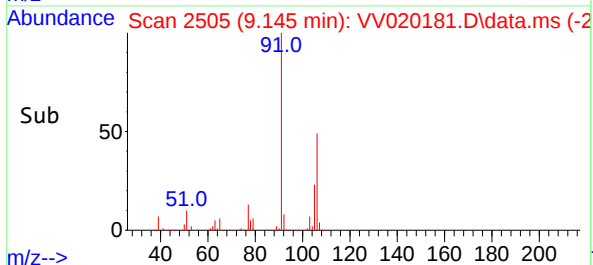
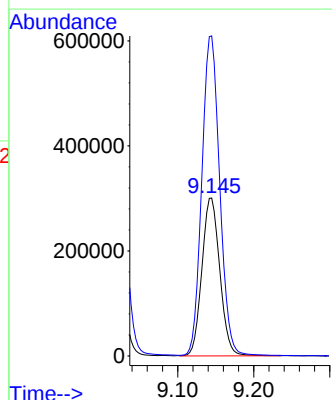
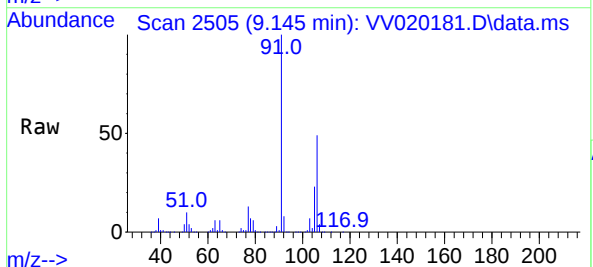
Instrument :
MSVOA_V
ClientSampled :

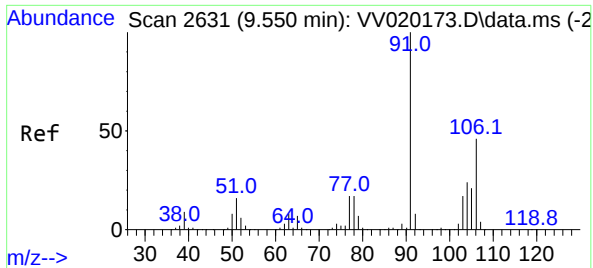
Tgt Ion: 91 Resp: 1121777
Ion Ratio Lower Upper
91 100
106 31.8 21.3 39.6



#53
m,p-Xylene
Concen: 51.74 ug/L
RT: 9.145 min Scan# 2505
Delta R.T. 0.000 min
Lab File: VV020181.D
Acq: 26 Jan 2021 20:29

Tgt Ion:106 Resp: 490833
Ion Ratio Lower Upper
106 100
91 202.6 143.1 265.7

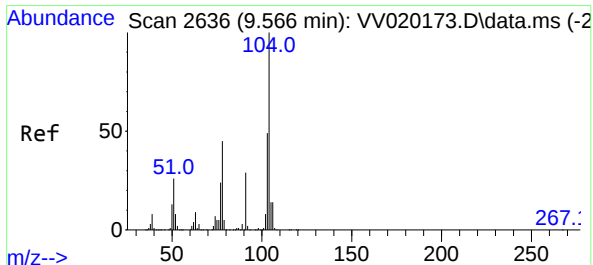
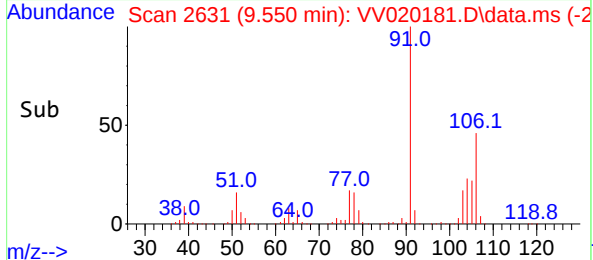
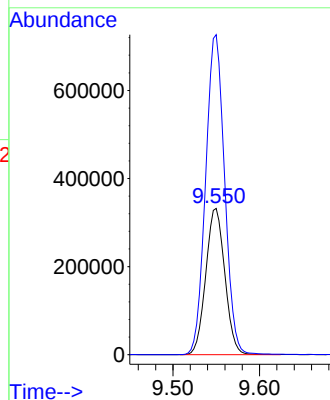
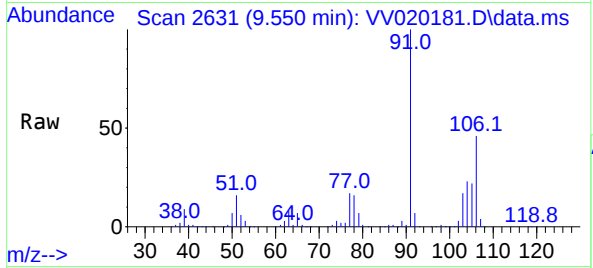




#54
o-Xylene
Concen: 54.32 ug/L
RT: 9.550 min Scan# 2631
Delta R.T. 0.000 min
Lab File: VV020181.D
Acq: 26 Jan 2021 20:29

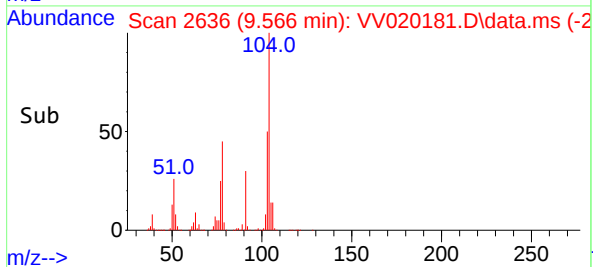
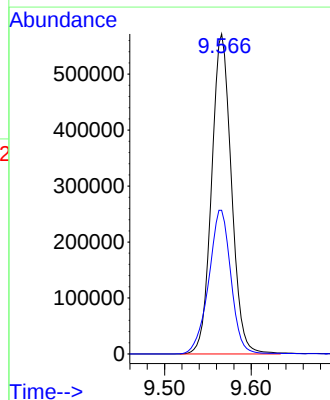
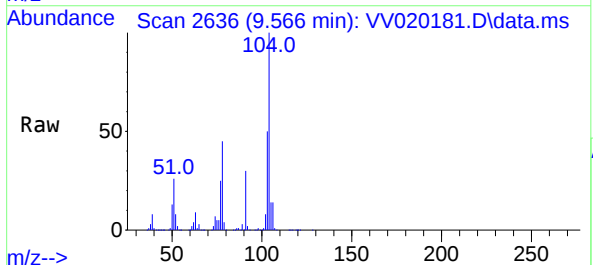
Instrument :
MSVOA_V
ClientSampleId :

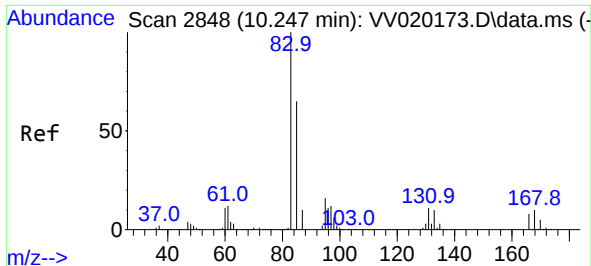
Tgt Ion:106 Resp: 507325
Ion Ratio Lower Upper
106 100
91 218.8 153.6 285.3



#55
Styrene
Concen: 56.36 ug/L
RT: 9.566 min Scan# 2636
Delta R.T. 0.000 min
Lab File: VV020181.D
Acq: 26 Jan 2021 20:29

Tgt Ion:104 Resp: 909102
Ion Ratio Lower Upper
104 100
78 44.9 31.6 58.8

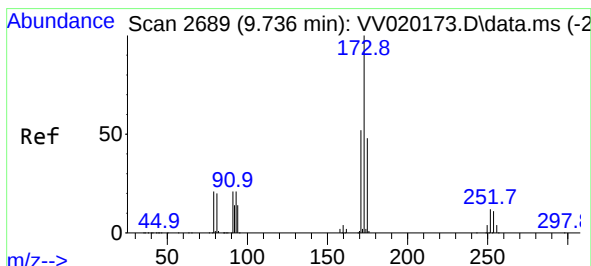
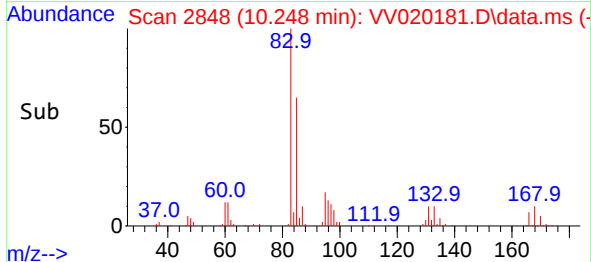
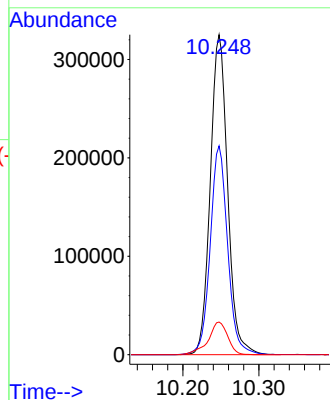
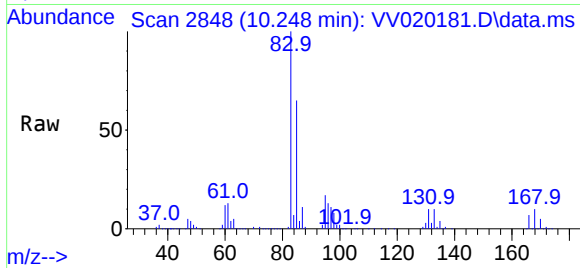




#57
1,1,2,2-Tetrachloroethane
Concen: 58.32 ug/L
RT: 10.248 min Scan# 2848
Delta R.T. 0.000 min
Lab File: VV020181.D
Acq: 26 Jan 2021 20:29

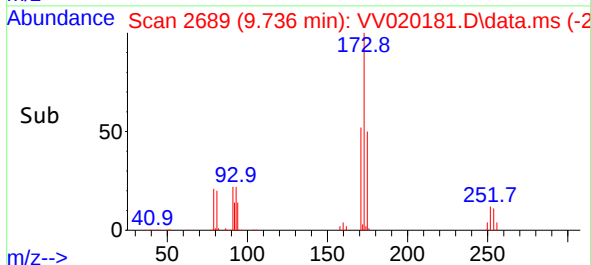
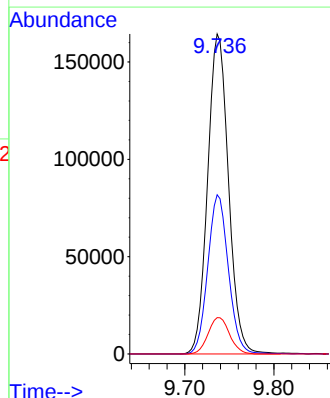
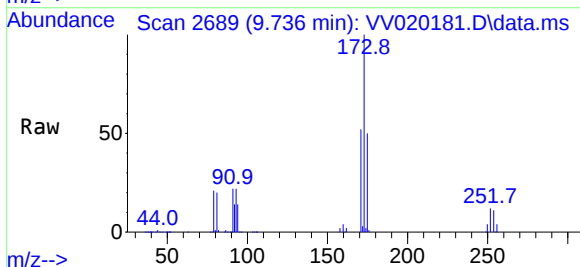
Instrument :
MSVOA_V
ClientSampleId :

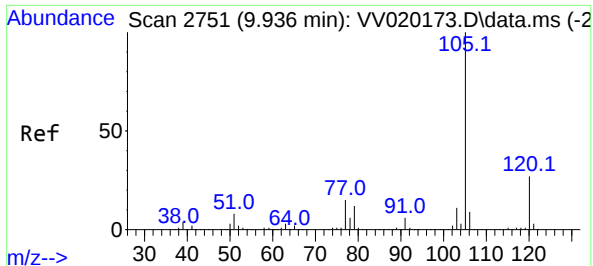
Tgt Ion: 83 Resp: 514358
Ion Ratio Lower Upper
83 100
85 65.3 45.4 84.4
131 10.2 8.6 12.8



#59
Bromoform
Concen: 52.72 ug/L
RT: 9.736 min Scan# 2689
Delta R.T. 0.000 min
Lab File: VV020181.D
Acq: 26 Jan 2021 20:29

Tgt Ion: 173 Resp: 267235
Ion Ratio Lower Upper
173 100
175 49.1 39.0 58.6
254 11.7 9.5 14.3

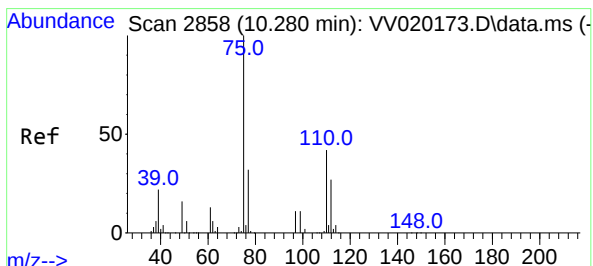
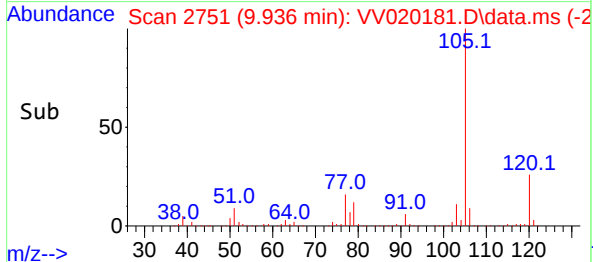
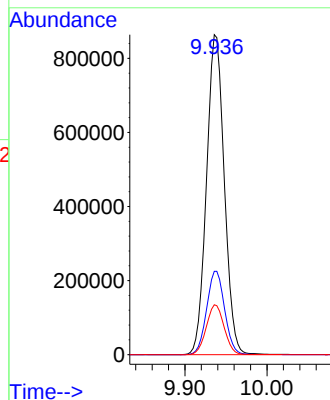
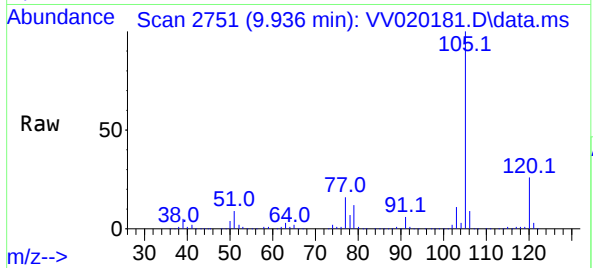




#60
Isopropylbenzene
Concen: 50.34 ug/L
RT: 9.936 min Scan# 2751
Delta R.T. 0.000 min
Lab File: VV020181.D
Acq: 26 Jan 2021 20:29

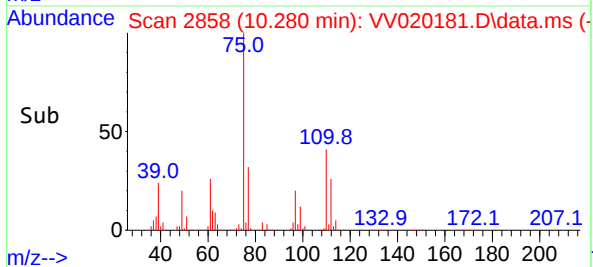
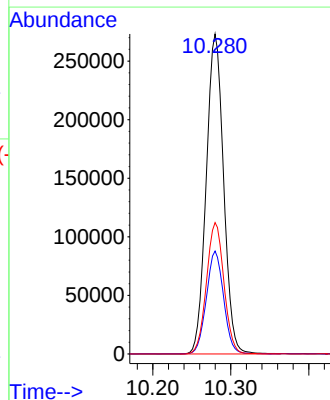
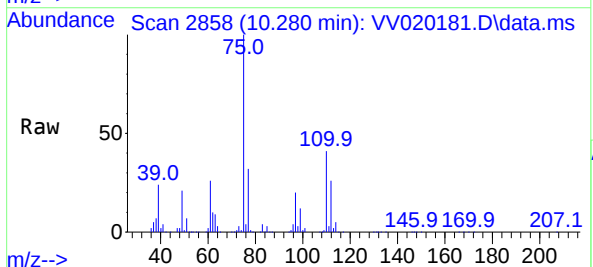
Instrument :
MSVOA_V
ClientSampleId :

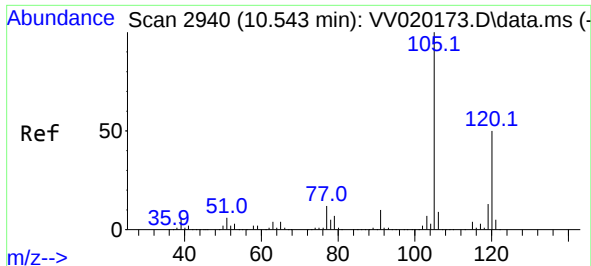
Tgt Ion:105 Resp: 1304595
Ion Ratio Lower Upper
105 100
120 26.4 21.2 31.8
77 15.7 11.8 17.6



#61
1,2,3-Trichloropropane
Concen: 57.34 ug/L
RT: 10.280 min Scan# 2858
Delta R.T. 0.000 min
Lab File: VV020181.D
Acq: 26 Jan 2021 20:29

Tgt Ion: 75 Resp: 422944
Ion Ratio Lower Upper
75 100
77 32.0 25.7 38.5
110 41.3 33.3 49.9

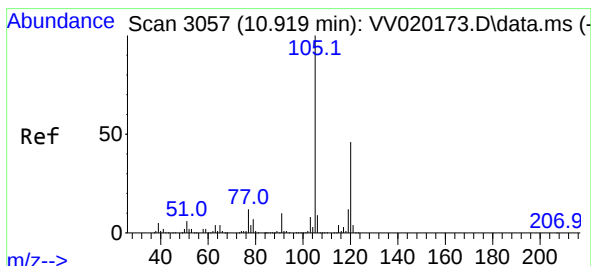
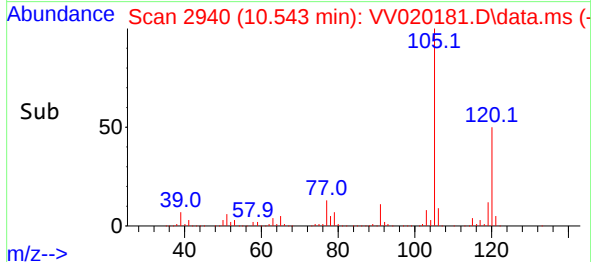
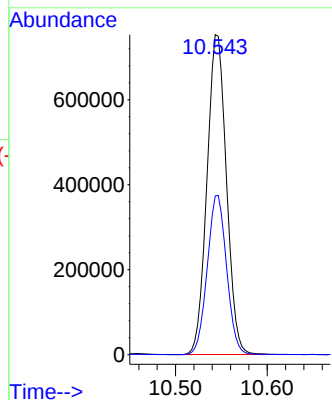
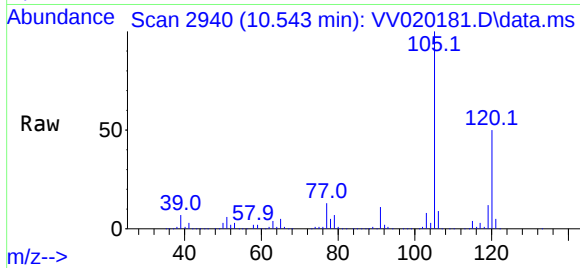




#62
1,3,5-Trimethylbenzene
Concen: 50.05 ug/L
RT: 10.543 min Scan# 2940
Delta R.T. 0.000 min
Lab File: VV020181.D
Acq: 26 Jan 2021 20:29

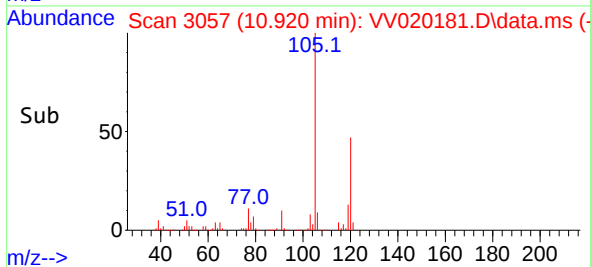
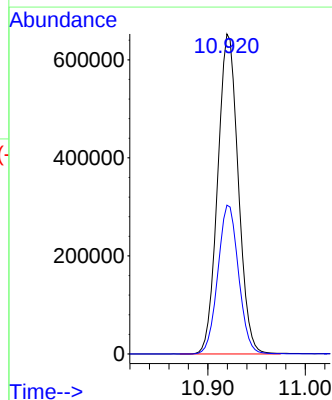
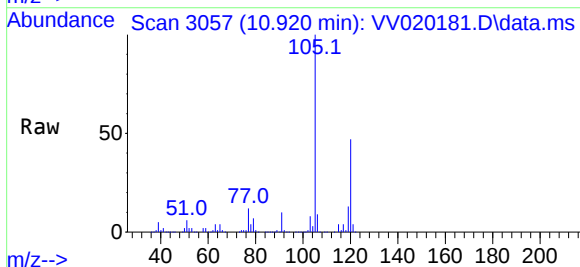
Instrument :
MSVOA_V
ClientSampled :

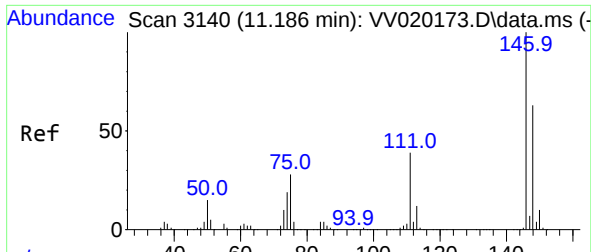
Tgt Ion:105 Resp: 1111033
Ion Ratio Lower Upper
105 100
120 49.5 39.9 59.9



#63
1,2,4-Trimethylbenzene
Concen: 43.81 ug/L
RT: 10.920 min Scan# 3057
Delta R.T. 0.000 min
Lab File: VV020181.D
Acq: 26 Jan 2021 20:29

Tgt Ion:105 Resp: 957698
Ion Ratio Lower Upper
105 100
120 46.8 37.0 55.6

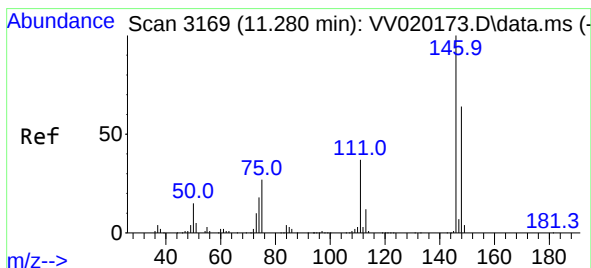
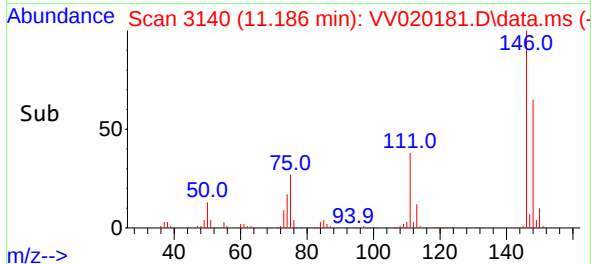
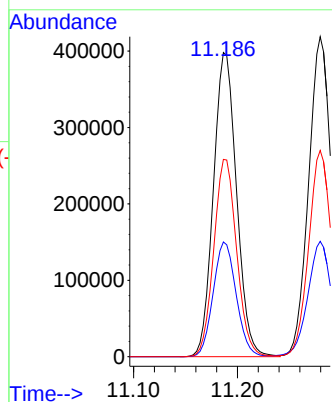
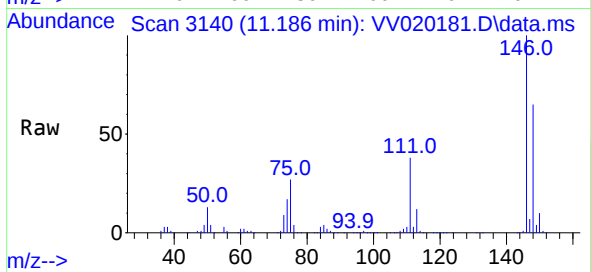




#64
1,3-Dichlorobenzene
Concen: 46.16 ug/L
RT: 11.186 min Scan# 3140
Delta R.T. 0.000 min
Lab File: VV020181.D
Acq: 26 Jan 2021 20:29

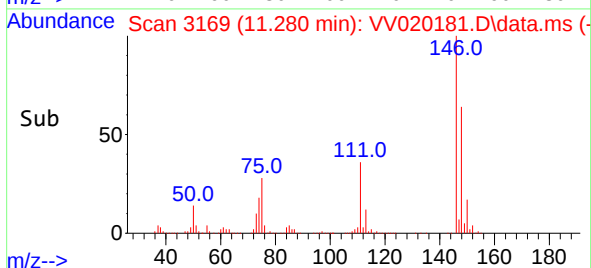
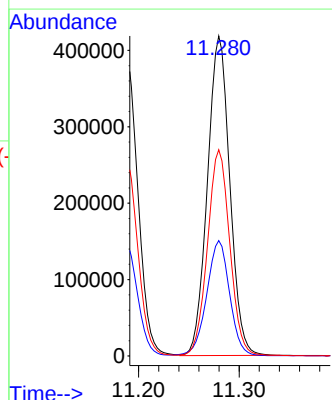
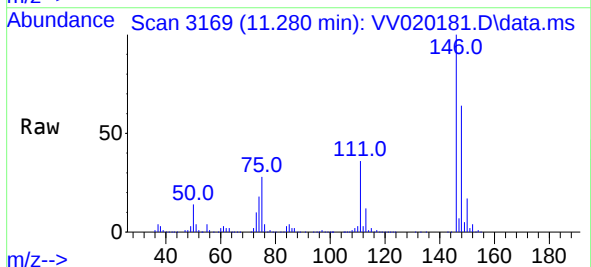
Instrument :
MSVOA_V
ClientSampled :

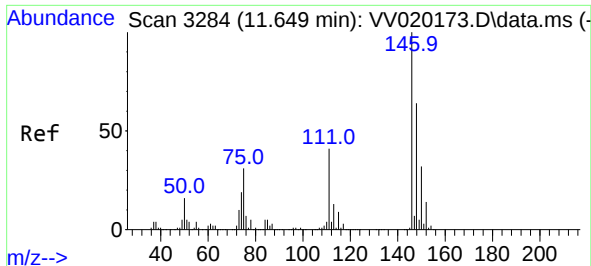
Tgt Ion:146 Resp: 615664
Ion Ratio Lower Upper
146 100
111 37.7 27.4 51.0
148 64.8 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 47.13 ug/L
RT: 11.280 min Scan# 3169
Delta R.T. 0.000 min
Lab File: VV020181.D
Acq: 26 Jan 2021 20:29

Tgt Ion:146 Resp: 646375
Ion Ratio Lower Upper
146 100
111 36.0 26.1 48.5
148 64.5 44.6 82.8

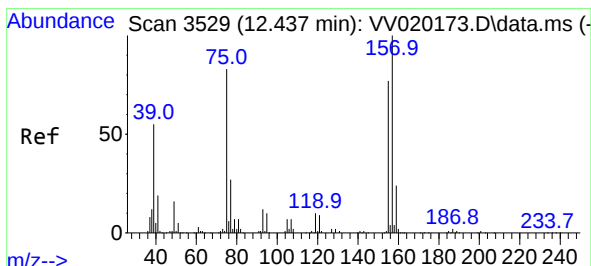
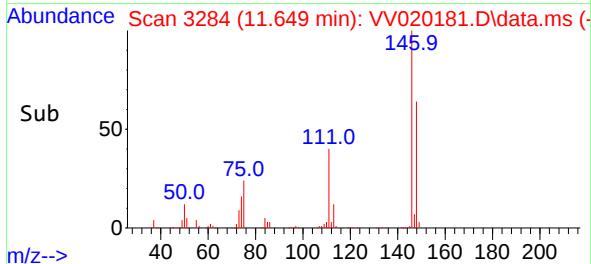
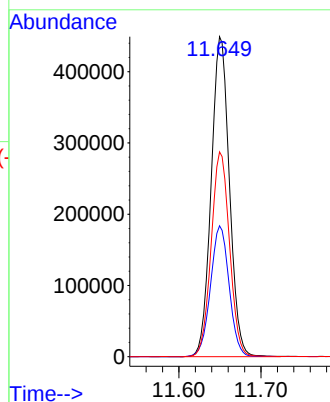
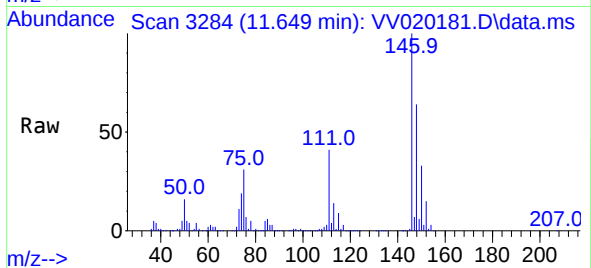




#67
1,2-Dichlorobenzene
Concen: 51.61 ug/L
RT: 11.649 min Scan# 3284
Delta R.T. 0.000 min
Lab File: VV020181.D
Acq: 26 Jan 2021 20:29

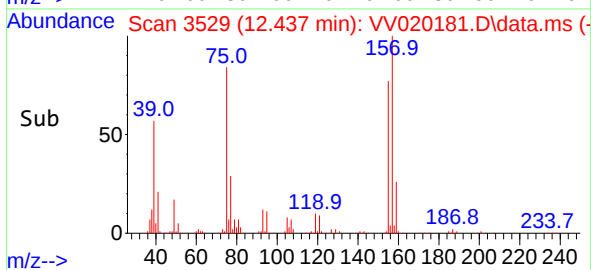
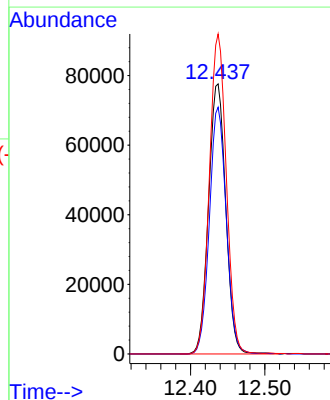
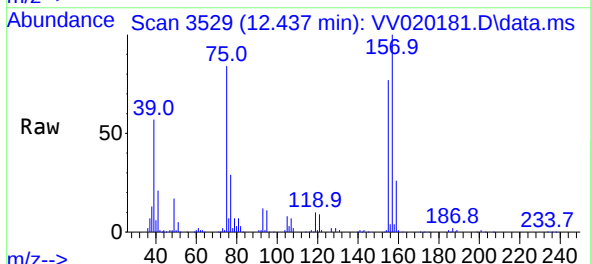
Instrument :
MSVOA_V
ClientSampled :

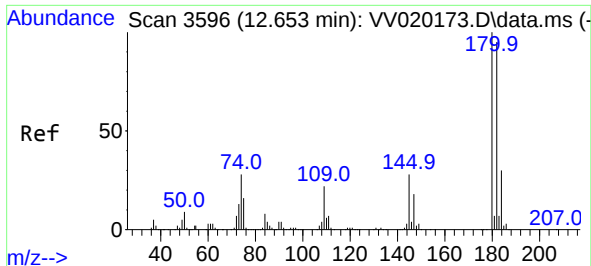
Tgt Ion:146 Resp: 691734
Ion Ratio Lower Upper
146 100
111 40.9 32.4 48.6
148 64.0 51.0 76.4



#68
1,2-Dibromo-3-chloropropane
Concen: 57.50 ug/L
RT: 12.437 min Scan# 3529
Delta R.T. 0.000 min
Lab File: VV020181.D
Acq: 26 Jan 2021 20:29

Tgt Ion: 75 Resp: 124692
Ion Ratio Lower Upper
75 100
155 91.4 74.1 111.1
157 118.5 95.8 143.8



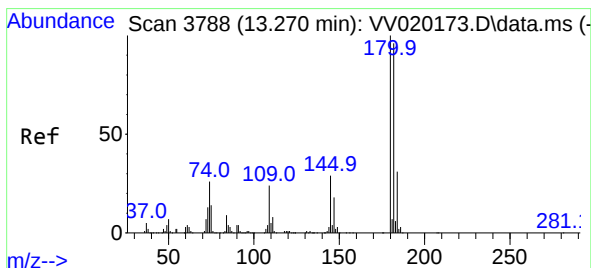
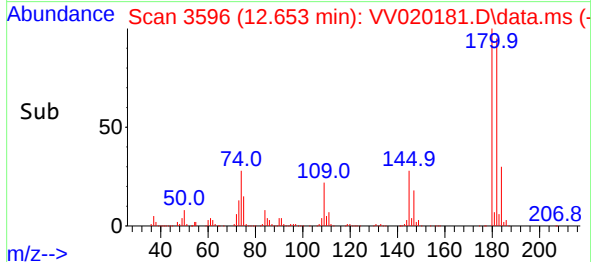
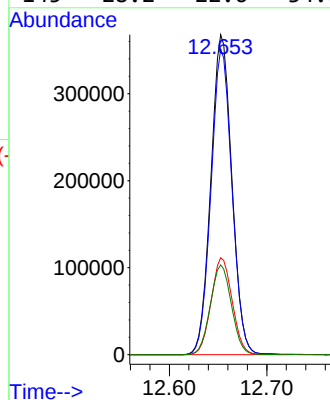
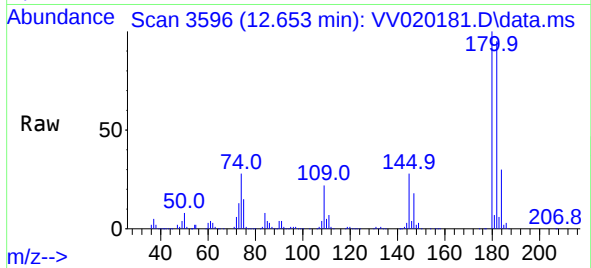


#69
1,3,5-Trichlorobenzene
Concen: 49.05 ug/L
RT: 12.653 min Scan# 3596
Delta R.T. 0.000 min
Lab File: VV020181.D
Acq: 26 Jan 2021 20:29

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:180 Resp: 550217

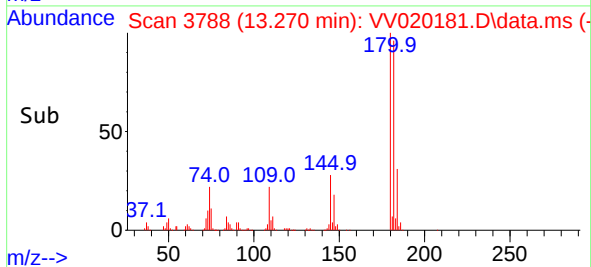
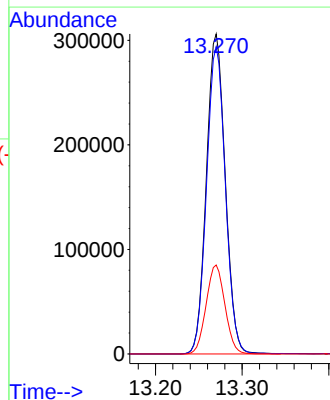
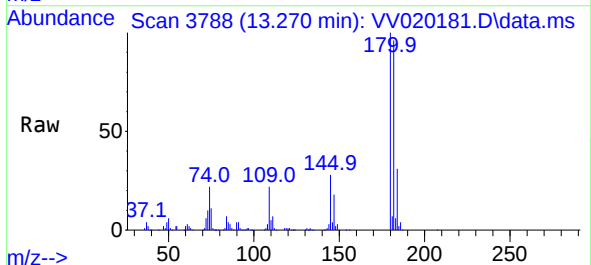
Ion	Ratio	Lower	Upper
180	100		
182	95.4	76.1	114.1
184	30.4	24.1	36.1
145	28.2	22.6	34.0

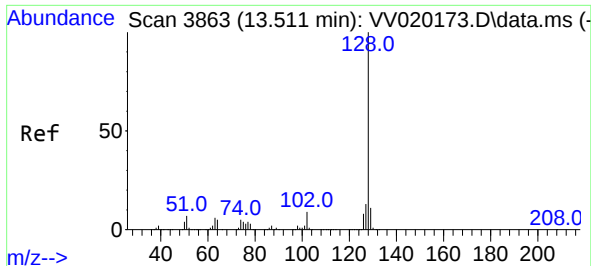


#70
1,2,4-trichlorobenzene
Concen: 44.72 ug/L
RT: 13.270 min Scan# 3788
Delta R.T. 0.000 min
Lab File: VV020181.D
Acq: 26 Jan 2021 20:29

Tgt Ion:180 Resp: 462981

Ion	Ratio	Lower	Upper
180	100		
182	95.7	77.1	115.7
145	27.7	23.4	35.2

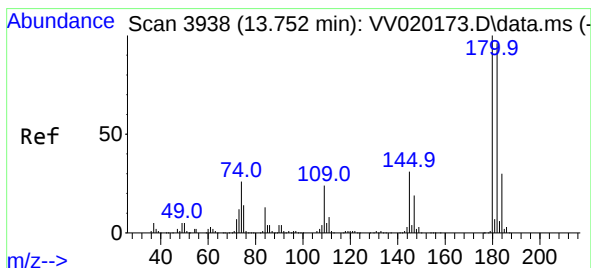
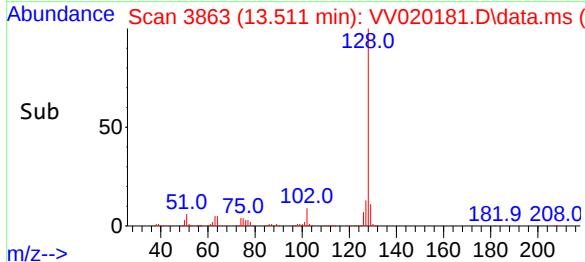
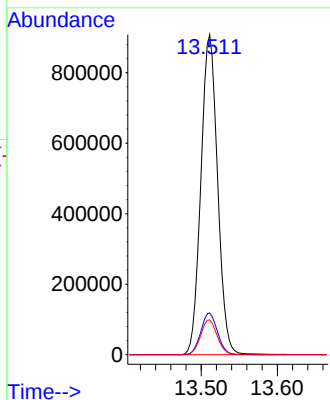
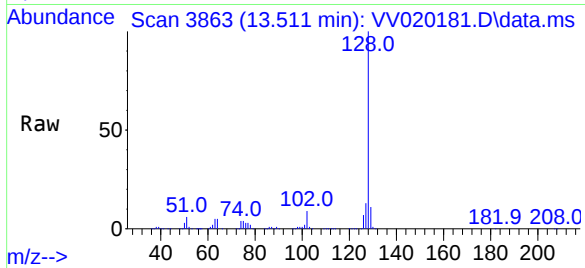




#71
Naphthalene
Concen: 47.39 ug/L
RT: 13.511 min Scan# 3863
Delta R.T. 0.000 min
Lab File: VV020181.D
Acq: 26 Jan 2021 20:29

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 1383263
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.8 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 46.23 ug/L
RT: 13.752 min Scan# 3938
Delta R.T. 0.000 min
Lab File: VV020181.D
Acq: 26 Jan 2021 20:29

Tgt Ion:180 Resp: 474768
Ion Ratio Lower Upper
180 100
182 95.5 76.6 114.8
145 29.4 24.5 36.7

