

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012621\
 Data File : VW017991.D
 Acq On : 26 Jan 2021 15:02
 Operator : SY/VA
 Sample : VSTD05006
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 26 15:54:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012621S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 26 15:52:19 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	455306	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.633	117	420600	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	217411	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	248826	36.41	ug/L	0.00
7) Chloroethane-d5	2.885	69	231344	39.66	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.019	63	475279	38.15	ug/L	0.00
20) 2-Butanone-d5	7.073	46	121346	77.05	ug/L	0.00
24) Chloroform-d	7.646	84	509294	41.53	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	268197	39.48	ug/L	0.00
29) Benzene-d6	8.274	84	961670	40.32	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.274	67	276537	40.76	ug/L	0.00
37) Toluene-d8	10.323	98	932277	41.71	ug/L	0.00
38) trans-1,3-Dichloroprop...	10.579	79	128462	42.44	ug/L	0.00
39) 2-Hexanone-d5	10.926	63	96565	84.95	ug/L	0.00
48) 1,1,2,2-Tetrachloroeth...	12.694	84	232252	40.23	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.853	152	323725	43.09	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	309444	54.14	ug/L	99
3) Chloromethane	2.214	50	283548	52.88	ug/L	99
5) Vinyl chloride	2.361	62	318909	43.01	ug/L	100
6) Bromomethane	2.775	94	252463	41.61	ug/L	99
8) Chloroethane	2.922	64	219315	46.34	ug/L	96
9) Trichlorofluoromethane	3.263	101	224205	40.43	ug/L	99
12) 1,1-Dichloroethene	4.043	96	255641	43.41	ug/L	89
13) Acetone	4.116	43	84641	73.94	ug/L	91
14) Carbon disulfide	4.385	76	792344	43.52	ug/L	99
15) Methyl Acetate	4.665	43	107321	39.03	ug/L	97
16) Methylene chloride	4.915	84	259831	39.49	ug/L	96
17) Methyl tert-butyl Ether	5.421	73	289586	37.95	ug/L	99
18) trans-1,2-Dichloroethene	5.421	96	283203	44.18	ug/L	97
19) 1,1-Dichloroethane	6.214	63	487015	44.67	ug/L	99
21) 2-Butanone	7.165	43	143460	82.14	ug/L	99
22) cis-1,2-Dichloroethene	7.171	96	297283	43.91	ug/L	97
23) Bromochloromethane	7.512	128	136683	45.02	ug/L	94
25) Chloroform	7.677	83	510411	43.88	ug/L	98
27) 1,2-Dichloroethane	8.396	62	339699	43.04	ug/L	97
30) Cyclohexane	7.957	56	454838	44.26	ug/L	99
31) 1,1,1-Trichloroethane	7.872	97	414362	42.80	ug/L	98
32) Carbon tetrachloride	8.067	117	401260	43.46	ug/L	99
34) Benzene	8.323	78	1110080	44.61	ug/L	100
35) Trichloroethene	9.091	95	300510	43.85	ug/L	96
36) Methylcyclohexane	9.335	83	527896	44.48	ug/L	99
40) 1,2-Dichloropropane	9.366	63	268566	44.59	ug/L	98
41) Bromodichloromethane	9.646	83	370898	45.02	ug/L	98
42) cis-1,3-Dichloropropene	10.073	75	431008	45.44	ug/L	98
43) 4-Methyl-2-pentanone	10.207	43	330334	87.13	ug/L	98
44) Toluene	10.390	91	1246367	45.36	ug/L	96
45) trans-1,3-Dichloropropene	10.603	75	383587	47.01	ug/L	99
46) 1,1,2-Trichloroethane	10.786	97	206107	43.48	ug/L	98

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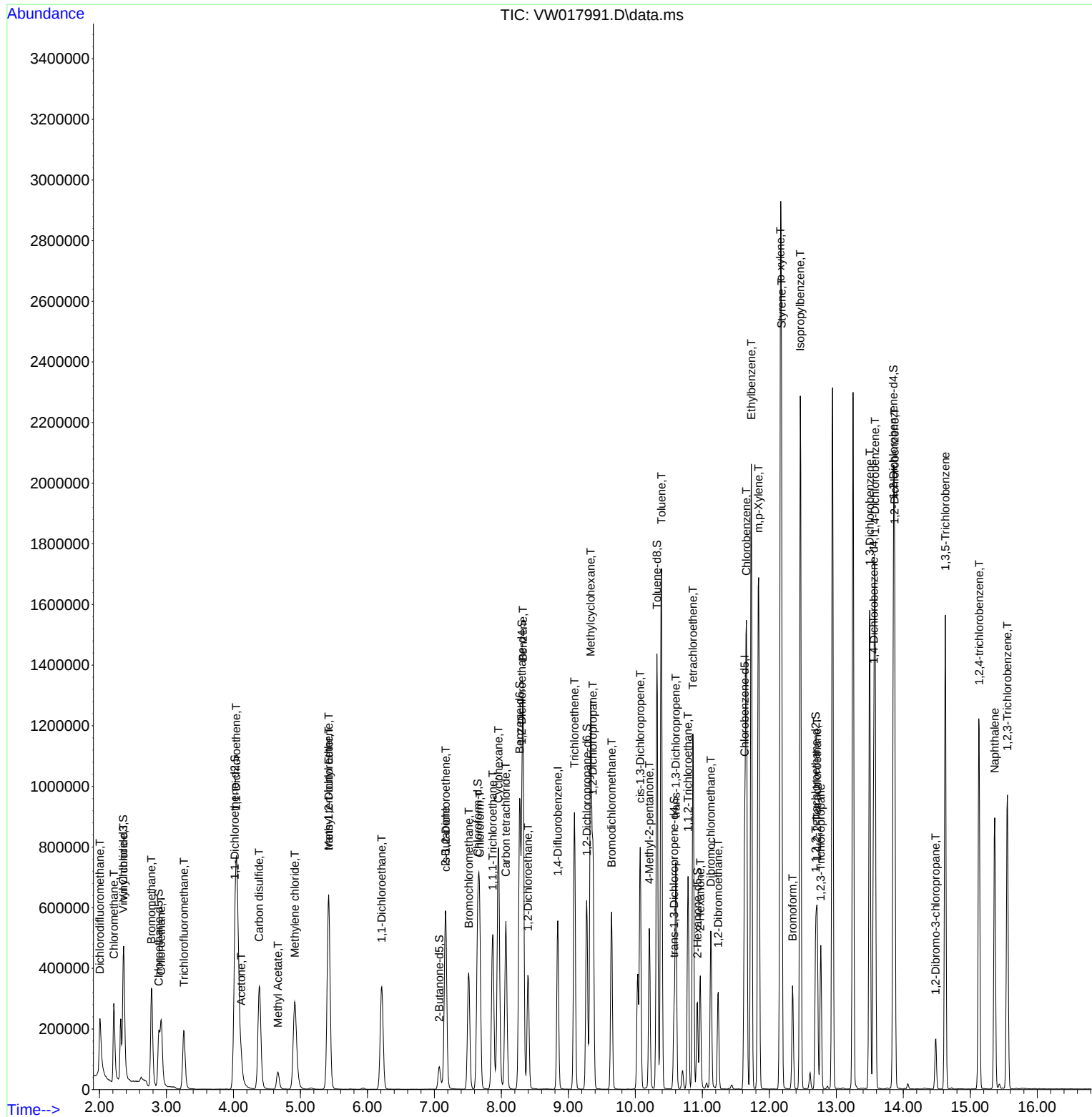
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Tetrachloroethene	10.859	164	247166	45.97	ug/L	95
49) 2-Hexanone	10.969	43	231920	90.22	ug/L	90
50) Dibromochloromethane	11.127	129	255866	45.09	ug/L	99
51) 1,2-Dibromoethane	11.237	107	205560	43.73	ug/L #	99
52) Chlorobenzene	11.658	112	794763	44.76	ug/L	96
53) Ethylbenzene	11.731	91	1415172	45.64	ug/L	99
54) m,p-Xylene	11.841	106	552381	45.77	ug/L	99
55) o-xylene	12.164	106	519601	46.72	ug/L	99
56) Styrene	12.182	104	892795	47.21	ug/L	99
57) Isopropylbenzene	12.463	105	1444908	46.46	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.713	83	247504	43.39	ug/L	99
59) 1,2,3-Trichloropropane	12.767	75	177827	41.41	ug/L	100
62) Bromoform	12.347	173	134781	44.83	ug/L	98
63) 1,3-Dichlorobenzene	13.499	146	636241	46.73	ug/L	94
64) 1,4-Dichlorobenzene	13.578	146	616994	44.93	ug/L	95
65) 1,2-Dichlorobenzene	13.871	146	564217	46.23	ug/L	98
66) 1,2-Dibromo-3-chloropr...	14.480	75	39237	41.03	ug/L #	80
67) 1,3,5-Trichlorobenzene	14.627	180	438146	46.15	ug/L	97
68) 1,2,4-trichlorobenzene	15.133	180	357192	44.09	ug/L	94
69) Naphthalene	15.364	128	751099	45.17	ug/L	100
70) 1,2,3-Trichlorobenzene	15.553	180	310857	44.31	ug/L	98

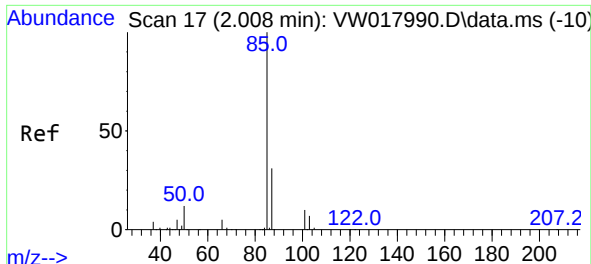
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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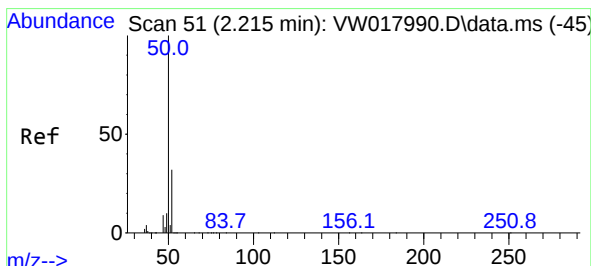
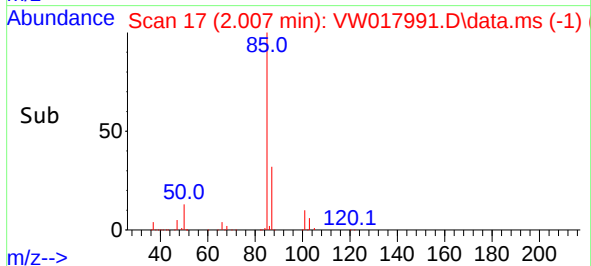
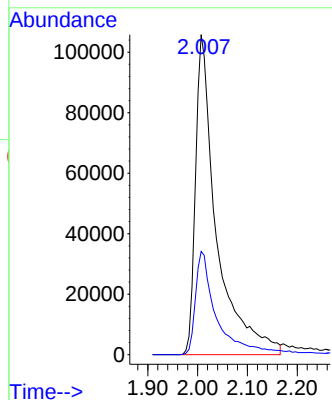
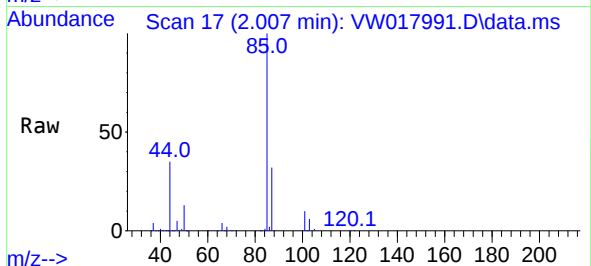




#2
Dichlorodifluoromethane
Concen: 54.14 ug/L
RT: 2.007 min Scan# 17
Delta R.T. -0.000 min
Lab File: VW017991.D
Acq: 26 Jan 2021 15:02

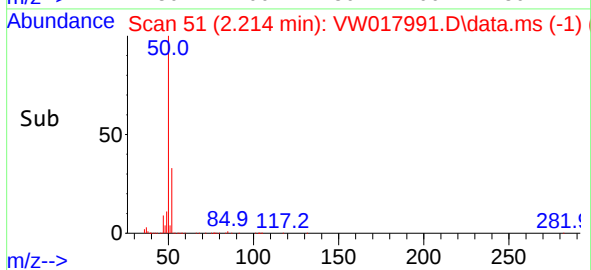
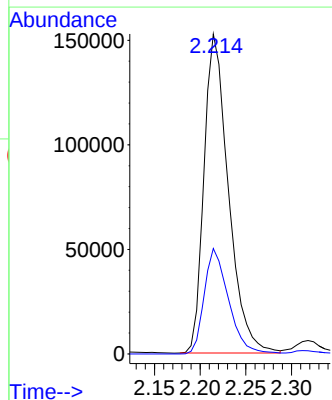
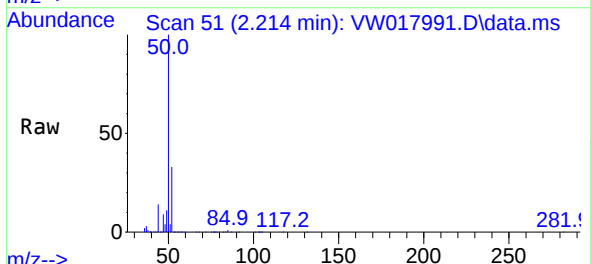
Instrument :
MSVOA_W
ClientSampled :

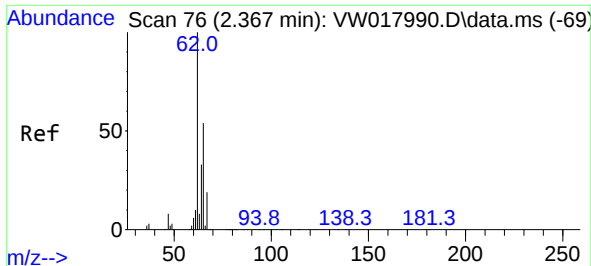
Tgt Ion: 85 Resp: 309444
Ion Ratio Lower Upper
85 100
87 32.4 23.2 43.0



#3
Chloromethane
Concen: 52.88 ug/L
RT: 2.214 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW017991.D
Acq: 26 Jan 2021 15:02

Tgt Ion: 50 Resp: 283548
Ion Ratio Lower Upper
50 100
52 32.9 23.4 43.6

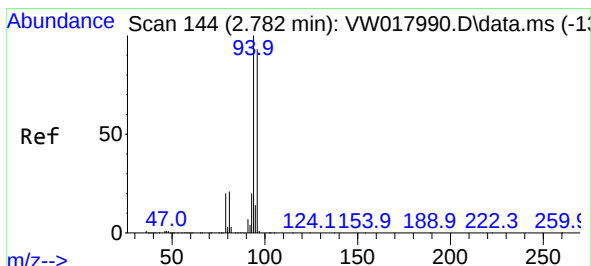
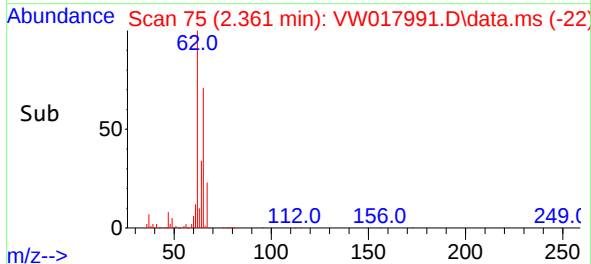
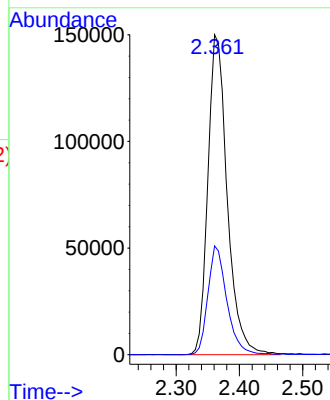
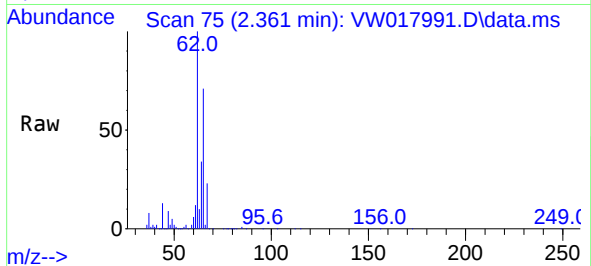




#5
 Vinyl chloride
 Concen: 43.01 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. -0.007 min
 Lab File: VW017991.D
 Acq: 26 Jan 2021 15:02

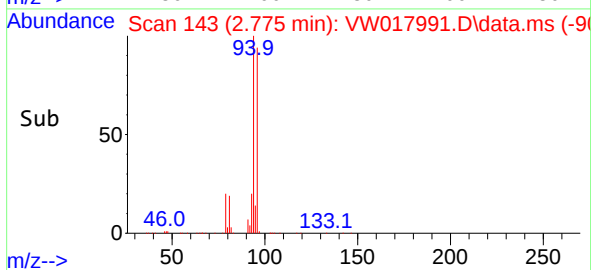
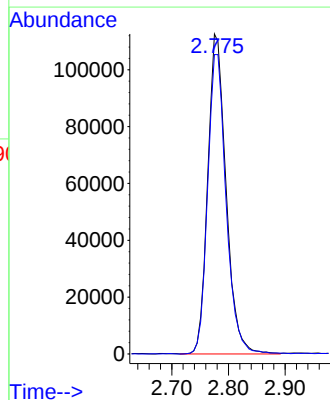
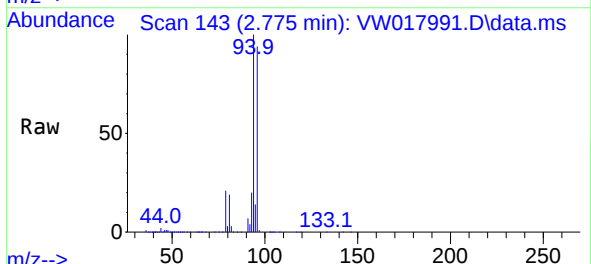
Instrument :
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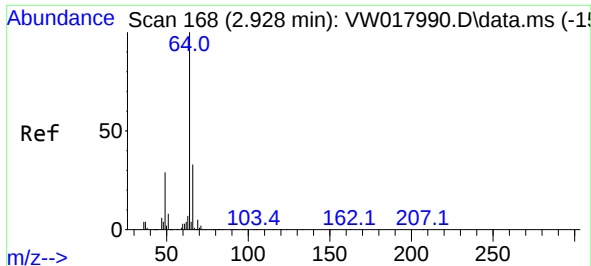
Tgt Ion: 62 Resp: 318909
 Ion Ratio Lower Upper
 62 100
 64 34.0 23.9 44.5



#6
 Bromomethane
 Concen: 41.61 ug/L
 RT: 2.775 min Scan# 143
 Delta R.T. -0.007 min
 Lab File: VW017991.D
 Acq: 26 Jan 2021 15:02

Tgt Ion: 94 Resp: 252463
 Ion Ratio Lower Upper
 94 100
 96 94.5 9.4 178.0

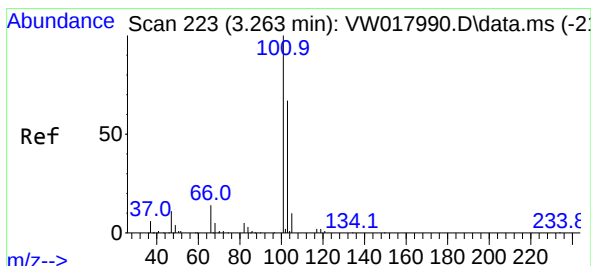
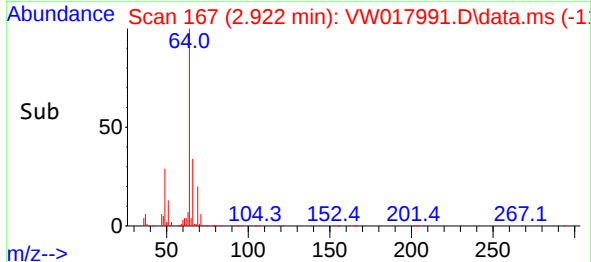
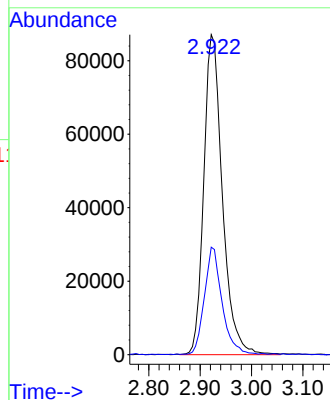
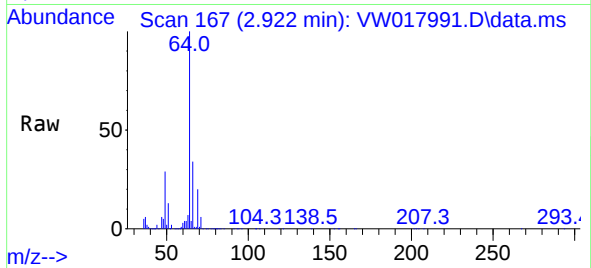




#8
Chloroethane
Concen: 46.34 ug/L
RT: 2.922 min Scan# 167
Delta R.T. -0.007 min
Lab File: VW017991.D
Acq: 26 Jan 2021 15:02

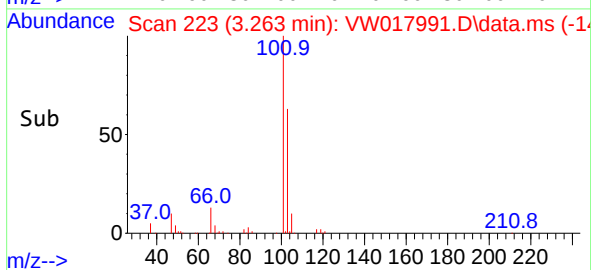
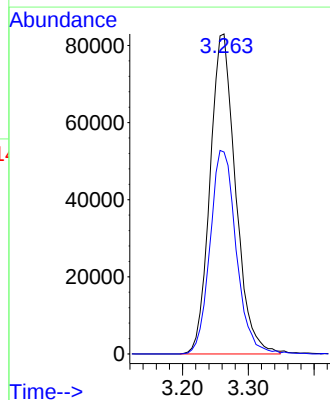
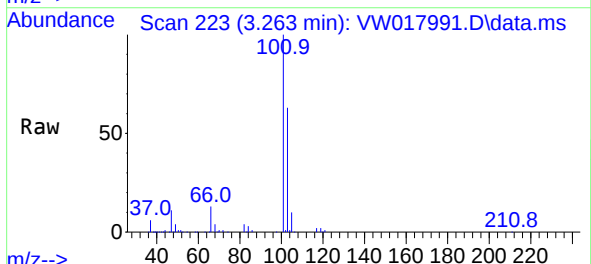
Instrument :
MSVOA_W
ClientSampled :

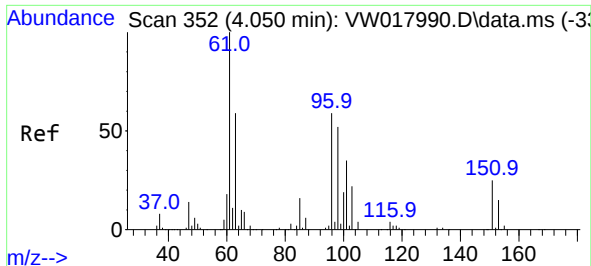
Tgt Ion: 64 Resp: 219315
Ion Ratio Lower Upper
64 100
66 33.6 22.0 41.0



#9
Trichlorofluoromethane
Concen: 40.43 ug/L
RT: 3.263 min Scan# 223
Delta R.T. -0.000 min
Lab File: VW017991.D
Acq: 26 Jan 2021 15:02

Tgt Ion: 101 Resp: 224205
Ion Ratio Lower Upper
101 100
103 64.8 45.0 83.6

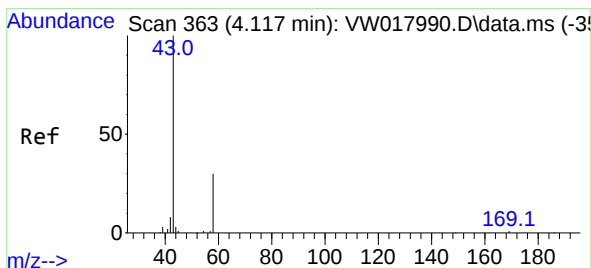
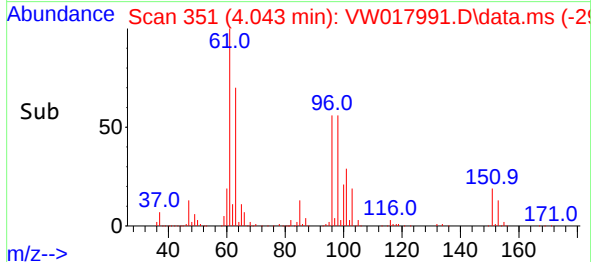
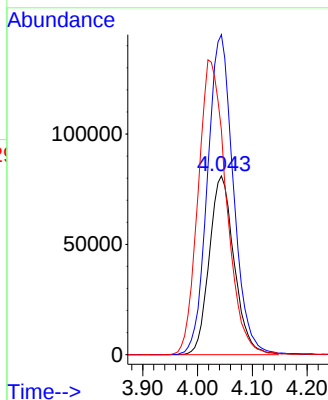
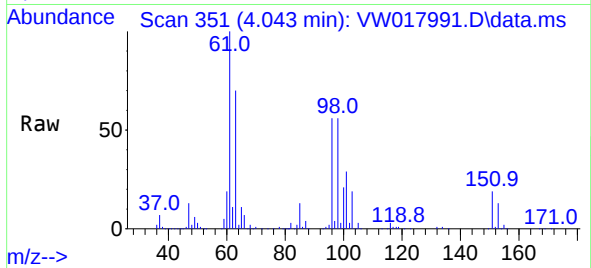




#12
1,1-Dichloroethene
Concen: 43.41 ug/L
RT: 4.043 min Scan# 351
Delta R.T. -0.007 min
Lab File: VW017991.D
Acq: 26 Jan 2021 15:02

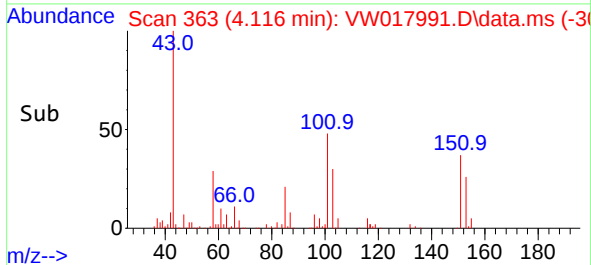
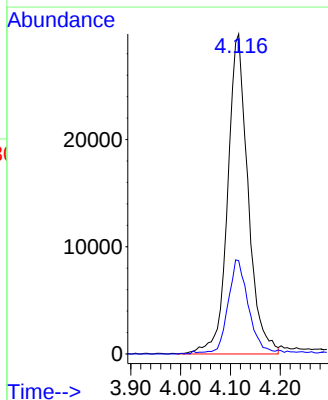
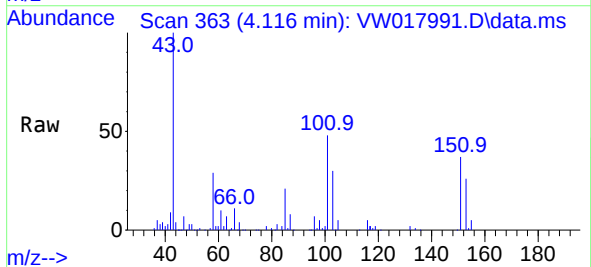
Instrument :
MSVOA_W
ClientSampled :

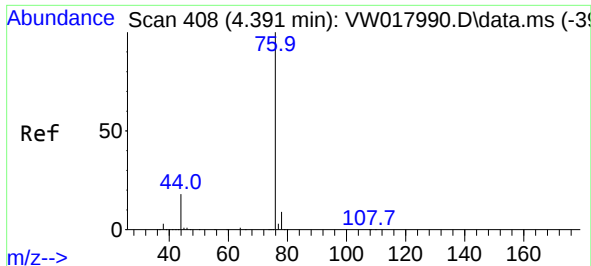
Tgt Ion: 96 Resp: 255641
Ion Ratio Lower Upper
96 100
61 179.0 112.5 208.9
63 125.7 83.1 154.3



#13
Acetone
Concen: 73.94 ug/L
RT: 4.116 min Scan# 363
Delta R.T. -0.000 min
Lab File: VW017991.D
Acq: 26 Jan 2021 15:02

Tgt Ion: 43 Resp: 84641
Ion Ratio Lower Upper
43 100
58 29.2 0.0 68.4

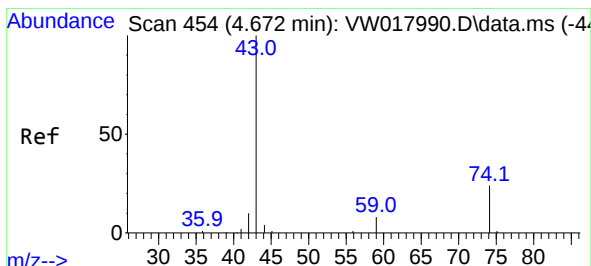
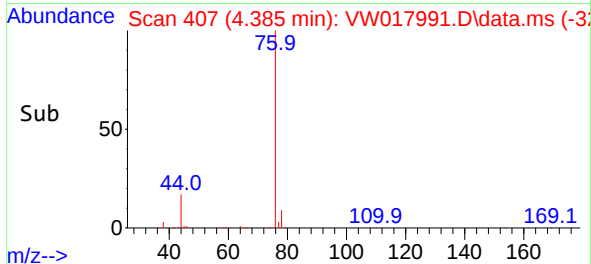
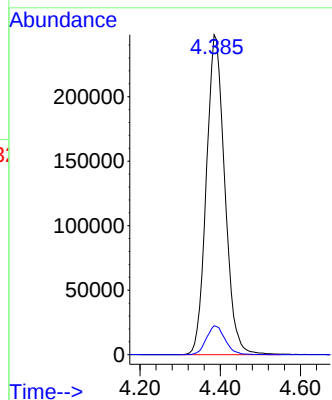
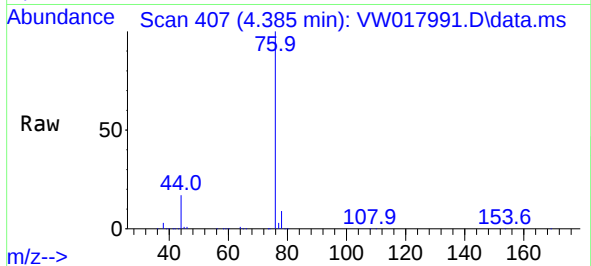




#14
Carbon disulfide
Concen: 43.52 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.007 min
Lab File: VW017991.D
Acq: 26 Jan 2021 15:02

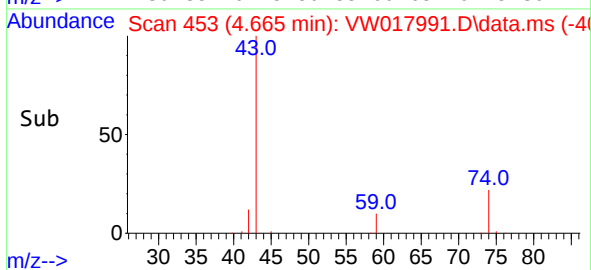
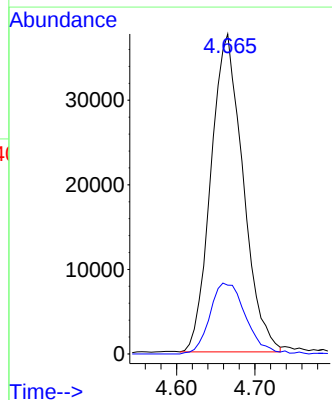
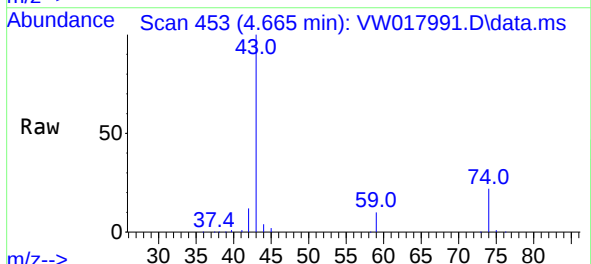
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ClientSampled :

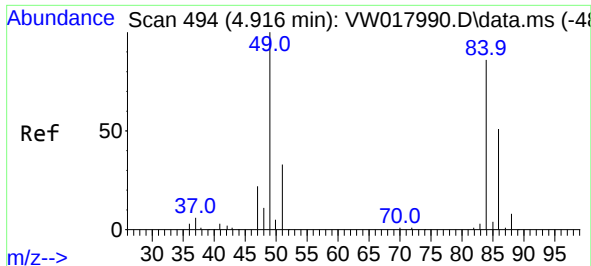
Tgt Ion: 76 Resp: 792344
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.4



#15
Methyl Acetate
Concen: 39.03 ug/L
RT: 4.665 min Scan# 453
Delta R.T. -0.007 min
Lab File: VW017991.D
Acq: 26 Jan 2021 15:02

Tgt Ion: 43 Resp: 107321
Ion Ratio Lower Upper
43 100
74 24.6 20.7 31.1

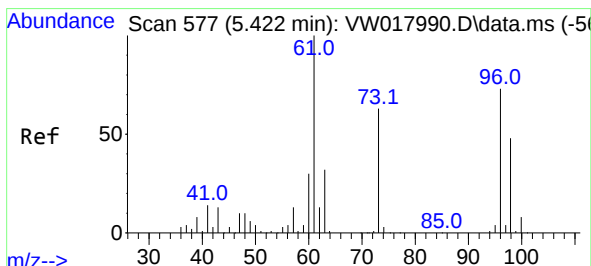
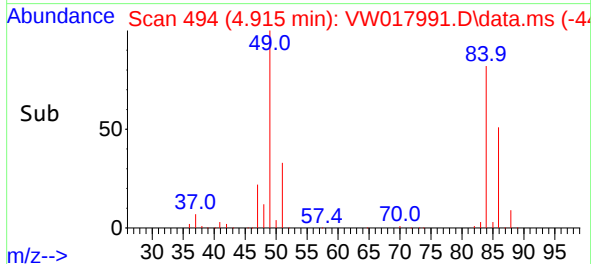
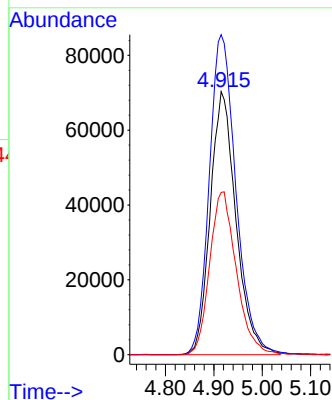
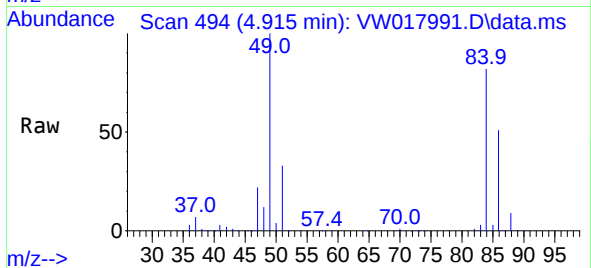




#16
Methylene chloride
Concen: 39.49 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
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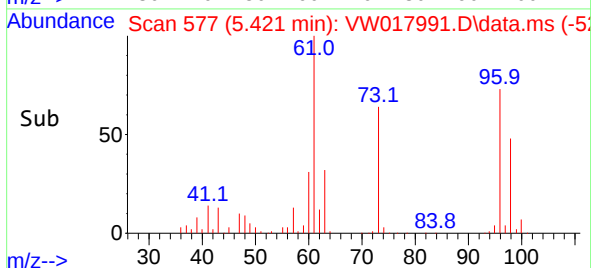
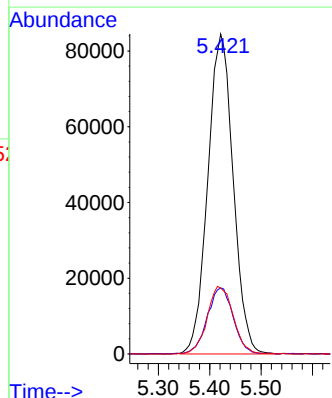
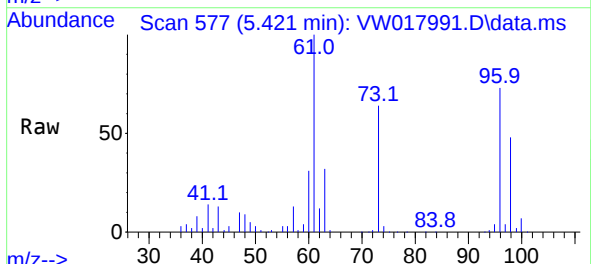
Instrument :
MSVOA_W
ClientSampled :

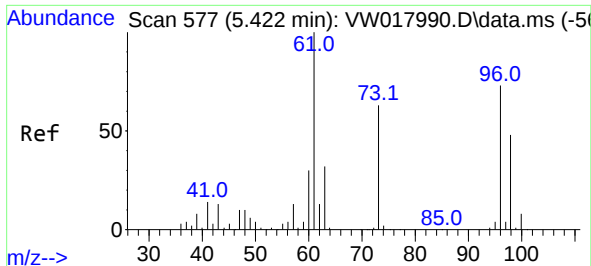
Tgt Ion: 84 Resp: 259831
Ion Ratio Lower Upper
84 100
49 121.7 81.2 150.8
86 61.7 44.5 82.7



#17
Methyl tert-butyl Ether
Concen: 37.95 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.000 min
Lab File: VW017991.D
Acq: 26 Jan 2021 15:02

Tgt Ion: 73 Resp: 289586
Ion Ratio Lower Upper
73 100
43 21.0 16.2 24.4
57 21.7 17.2 25.8

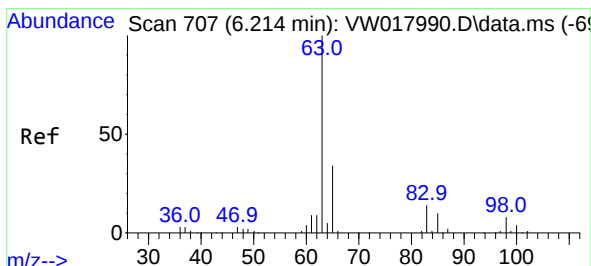
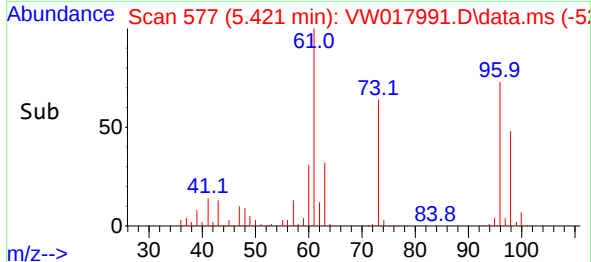
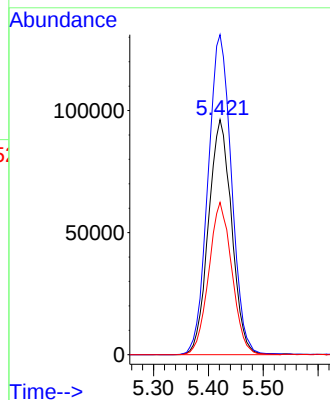
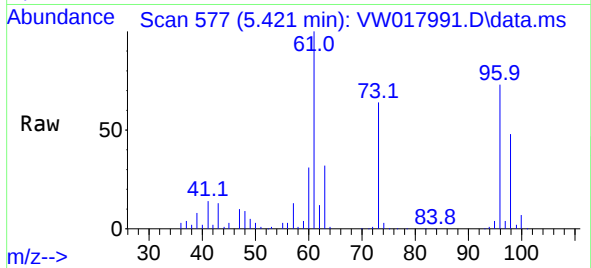




#18
trans-1,2-Dichloroethene
Concen: 44.18 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.000 min
Lab File: VW017991.D
Acq: 26 Jan 2021 15:02

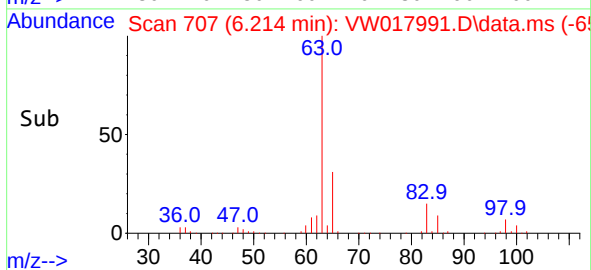
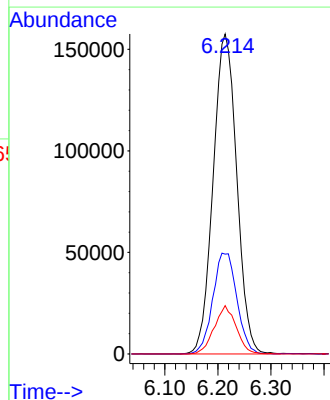
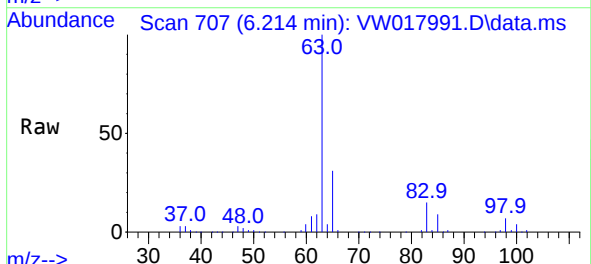
Instrument :
MSVOA_W
ClientSampled :

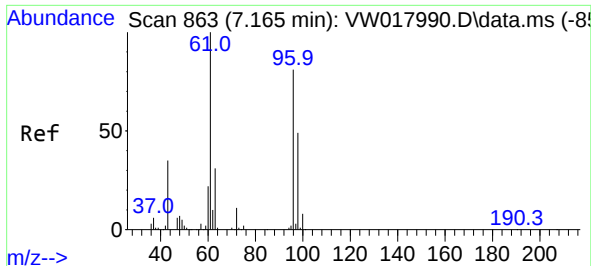
Tgt Ion: 96 Resp: 283203
Ion Ratio Lower Upper
96 100
61 136.2 92.7 172.1
98 64.8 43.3 80.3



#19
1,1-Dichloroethane
Concen: 44.67 ug/L
RT: 6.214 min Scan# 707
Delta R.T. -0.000 min
Lab File: VW017991.D
Acq: 26 Jan 2021 15:02

Tgt Ion: 63 Resp: 487015
Ion Ratio Lower Upper
63 100
65 31.2 21.9 40.7
83 15.1 9.4 17.6

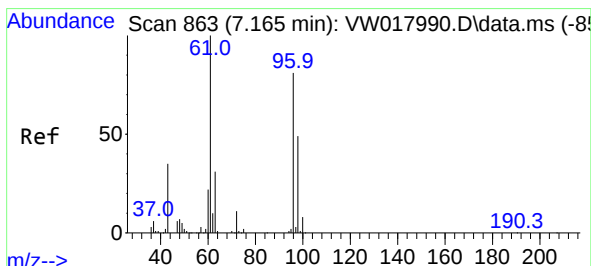
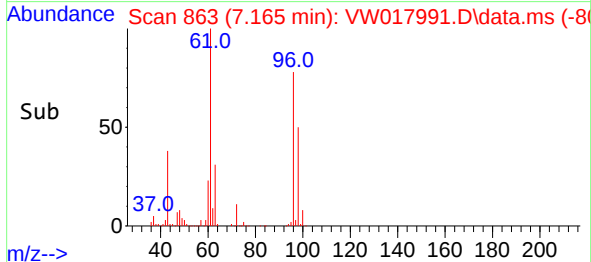
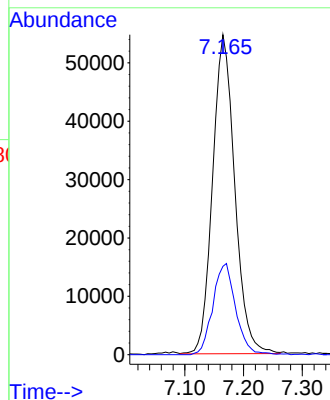
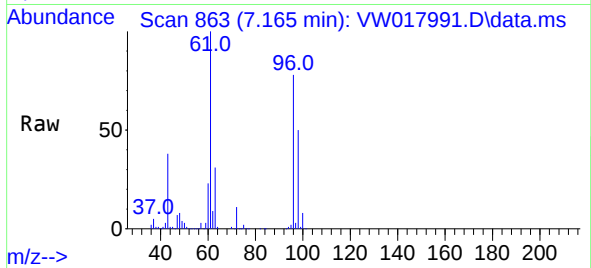




#21
2-Butanone
Concen: 82.14 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.000 min
Lab File: VW017991.D
Acq: 26 Jan 2021 15:02

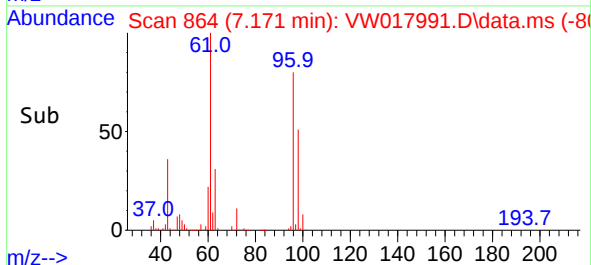
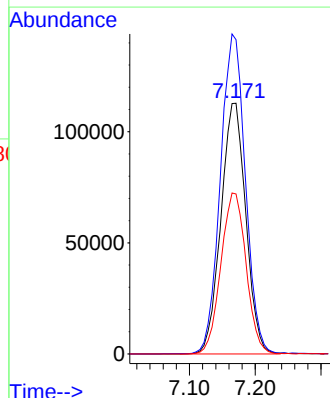
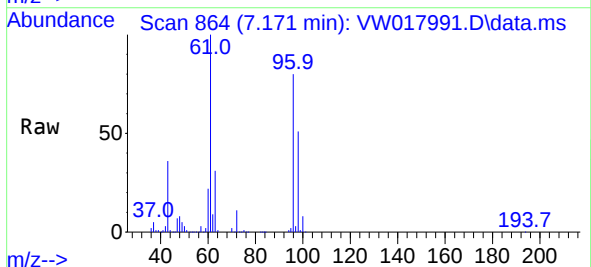
Instrument :
MSVOA_W
ClientSampled :

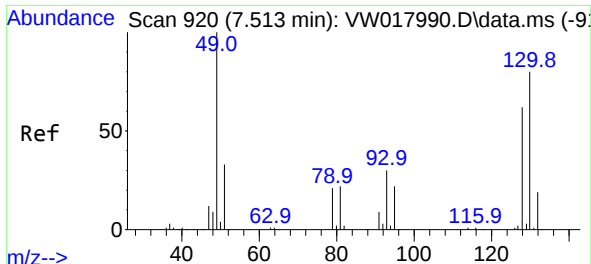
Tgt Ion: 43 Resp: 143460
Ion Ratio Lower Upper
43 100
72 29.3 14.4 43.2



#22
cis-1,2-Dichloroethene
Concen: 43.91 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW017991.D
Acq: 26 Jan 2021 15:02

Tgt Ion: 96 Resp: 297283
Ion Ratio Lower Upper
96 100
61 125.3 84.6 157.2
98 63.8 44.7 82.9

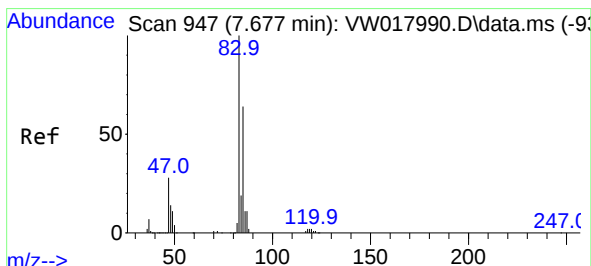
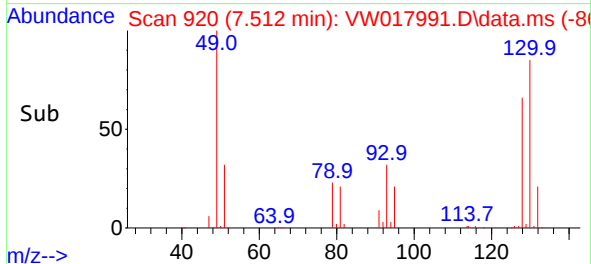
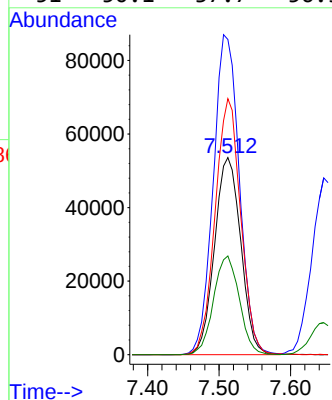
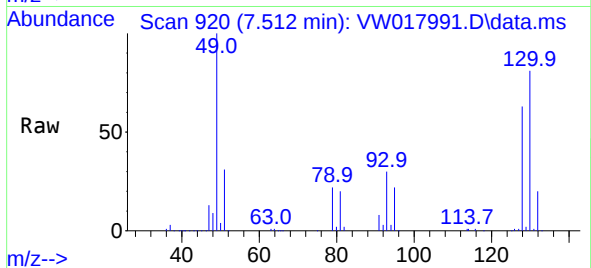




#23
Bromochloromethane
Concen: 45.02 ug/L
RT: 7.512 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW017991.D
Acq: 26 Jan 2021 15:02

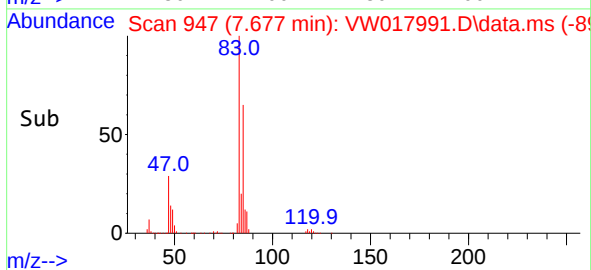
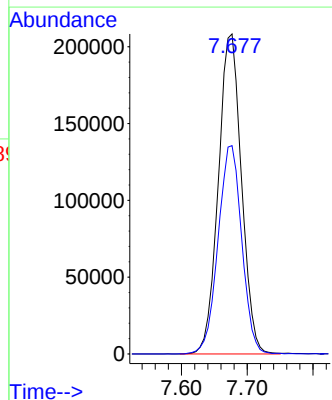
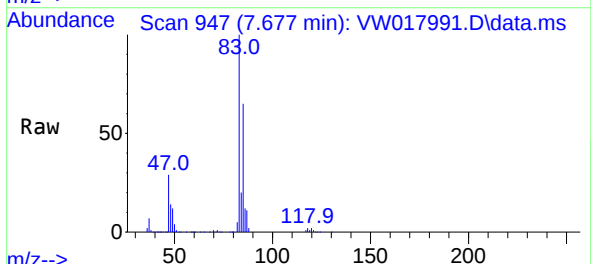
Instrument :
MSVOA_W
ClientSampled :

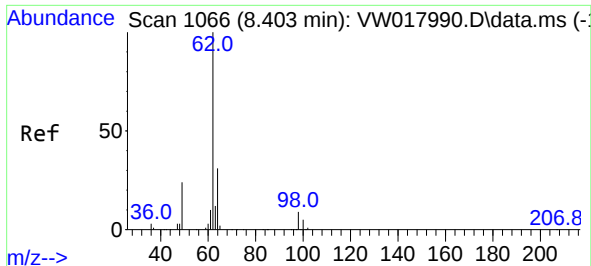
Tgt Ion:128 Resp: 136683
Ion Ratio Lower Upper
128 100
49 159.9 101.6 188.6
130 129.8 90.4 167.8
51 50.1 37.7 56.5



#25
Chloroform
Concen: 43.88 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW017991.D
Acq: 26 Jan 2021 15:02

Tgt Ion: 83 Resp: 510411
Ion Ratio Lower Upper
83 100
85 66.5 45.7 84.9

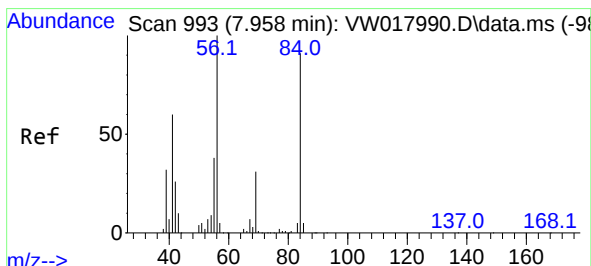
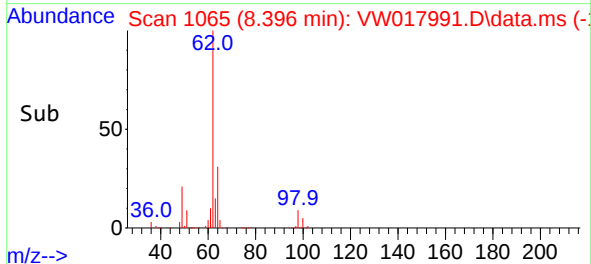
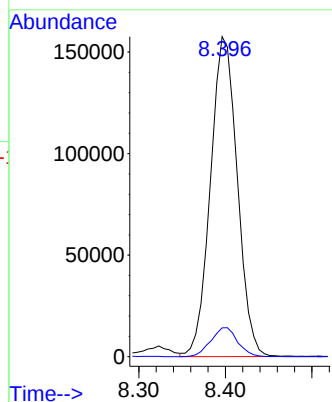
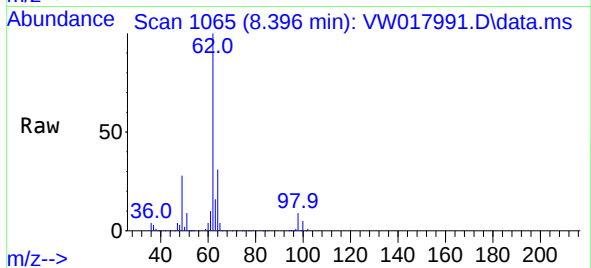




#27
1,2-Dichloroethane
Concen: 43.04 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. -0.007 min
Lab File: VW017991.D
Acq: 26 Jan 2021 15:02

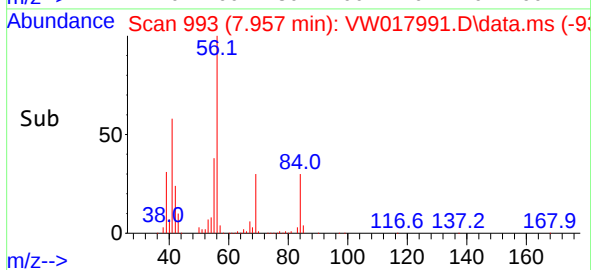
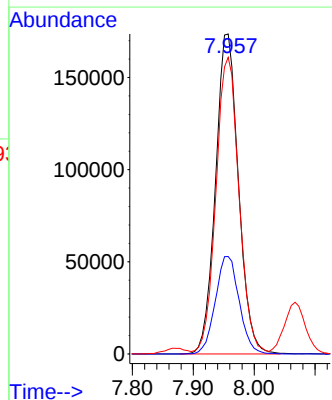
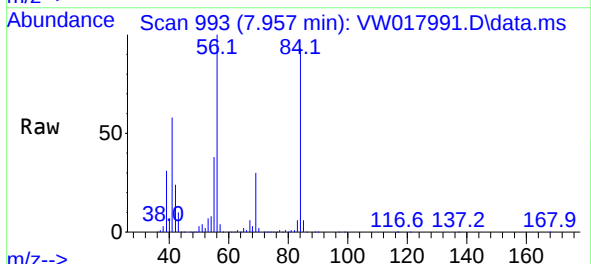
Instrument :
MSVOA_W
ClientSampled :

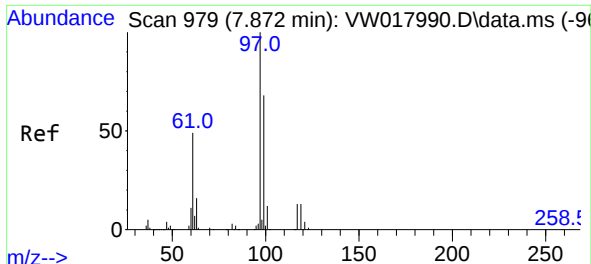
Tgt Ion: 62 Resp: 339699
Ion Ratio Lower Upper
62 100
98 9.0 8.0 12.0



#30
Cyclohexane
Concen: 44.26 ug/L
RT: 7.957 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW017991.D
Acq: 26 Jan 2021 15:02

Tgt Ion: 56 Resp: 454838
Ion Ratio Lower Upper
56 100
69 31.6 24.8 37.2
84 93.2 74.2 111.4



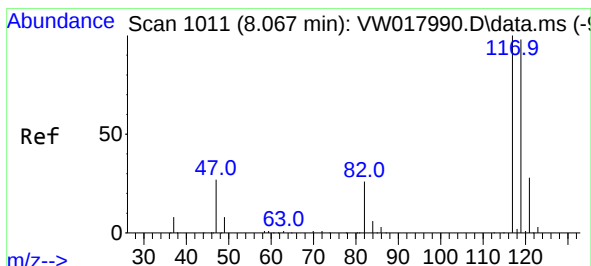
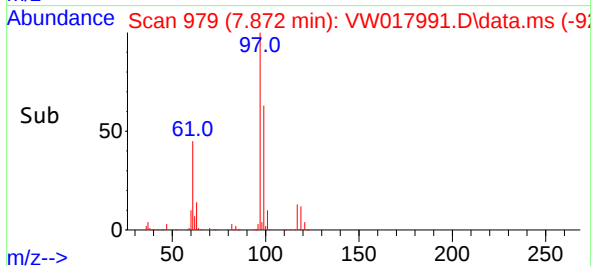
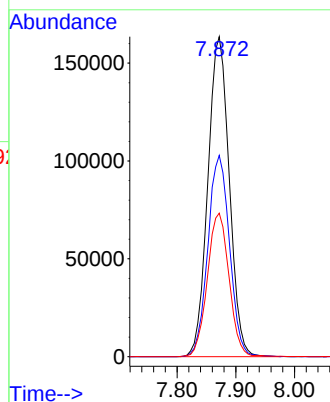
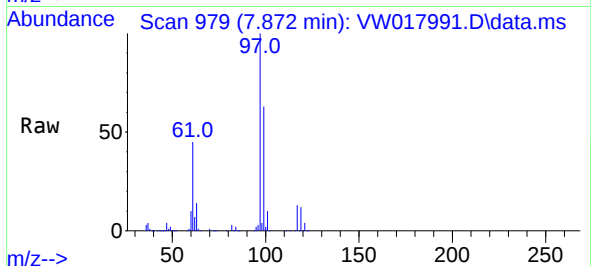


#31
1,1,1-Trichloroethane
Concen: 42.80 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW017991.D
Acq: 26 Jan 2021 15:02

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion: 97 Resp: 414362

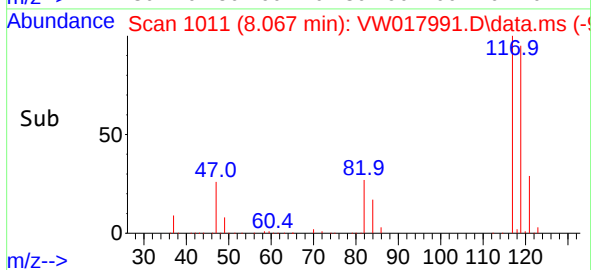
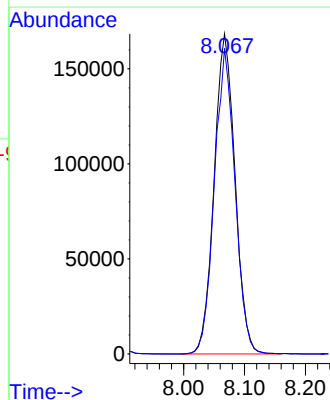
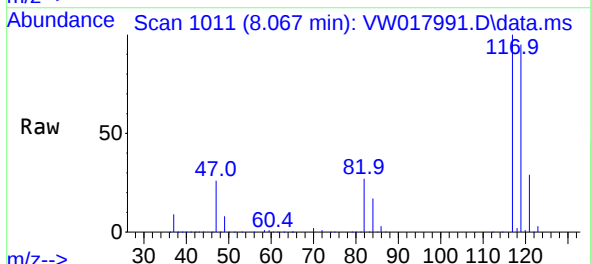
Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.0	76.4
61	45.3	33.6	50.4

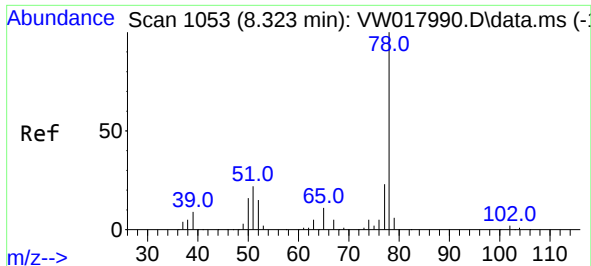


#32
Carbon tetrachloride
Concen: 43.46 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW017991.D
Acq: 26 Jan 2021 15:02

Tgt Ion: 117 Resp: 401260

Ion	Ratio	Lower	Upper
117	100		
119	94.1	75.8	113.8

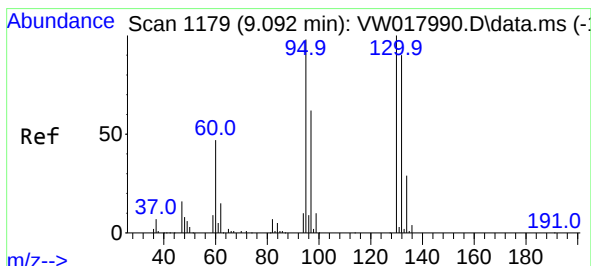
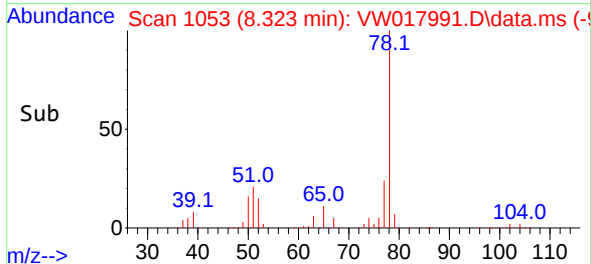
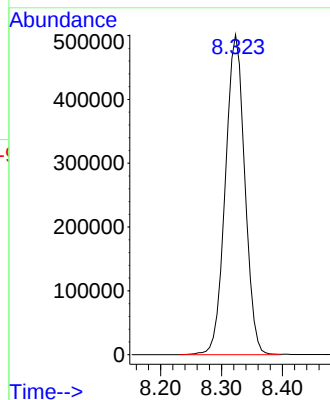
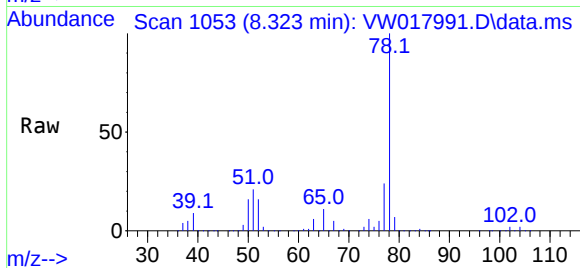




#34
Benzene
Concen: 44.61 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW017991.D
Acq: 26 Jan 2021 15:02

Instrument :
MSVOA_W
ClientSampled :

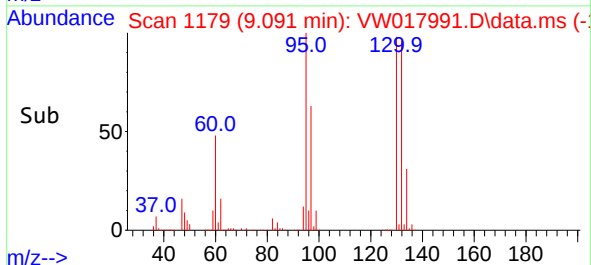
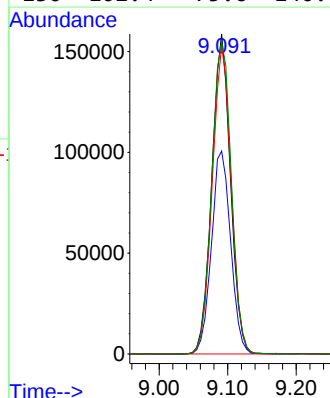
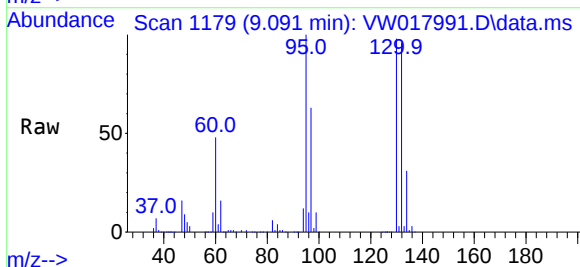
Tgt Ion: 78 Resp: 1110080

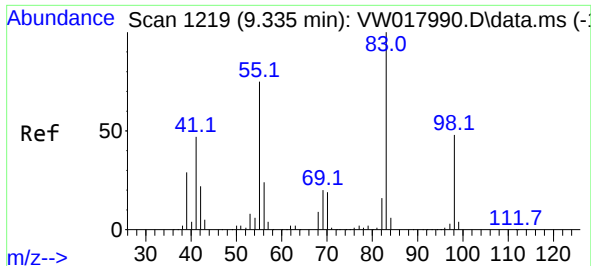


#35
Trichloroethene
Concen: 43.85 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW017991.D
Acq: 26 Jan 2021 15:02

Tgt Ion: 95 Resp: 300510

Ion	Ratio	Lower	Upper
95	100		
97	65.2	45.0	83.6
132	97.6	71.0	131.8
130	102.4	75.6	140.4

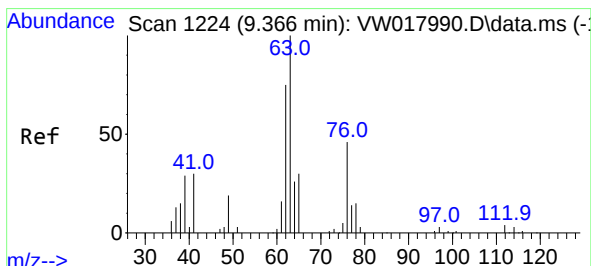
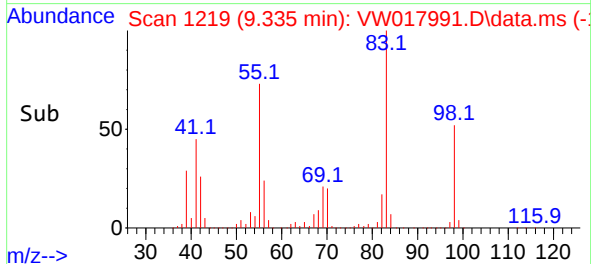
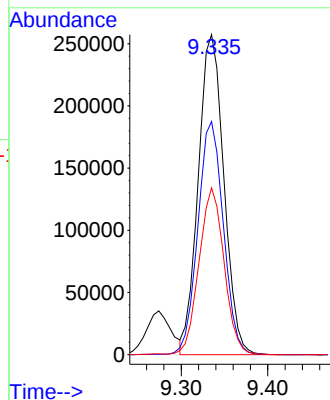
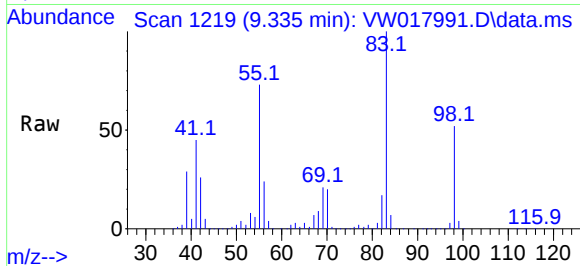




#36
Methylcyclohexane
Concen: 44.48 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW017991.D
Acq: 26 Jan 2021 15:02

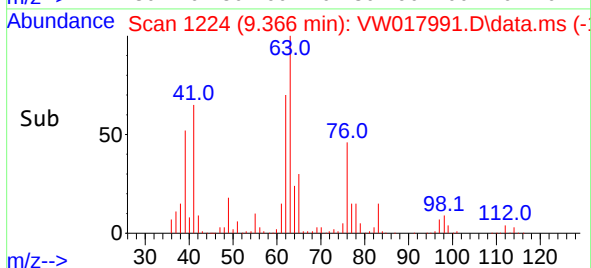
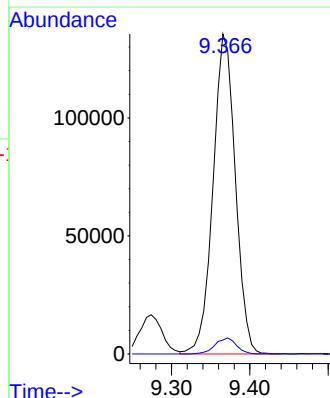
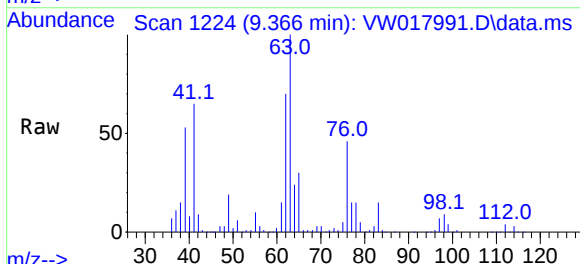
Instrument :
MSVOA_W
ClientSampleId :

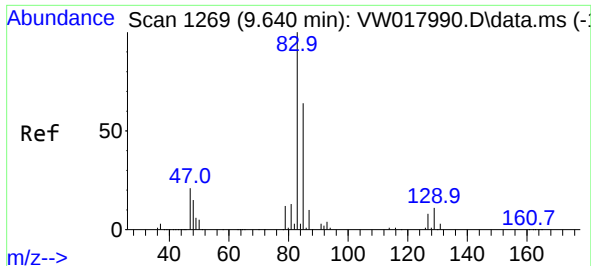
Tgt Ion: 83 Resp: 527896
Ion Ratio Lower Upper
83 100
55 72.7 59.4 89.0
98 51.1 40.7 61.1



#40
1,2-Dichloropropane
Concen: 44.59 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. -0.000 min
Lab File: VW017991.D
Acq: 26 Jan 2021 15:02

Tgt Ion: 63 Resp: 268566
Ion Ratio Lower Upper
63 100
112 4.8 4.2 6.4

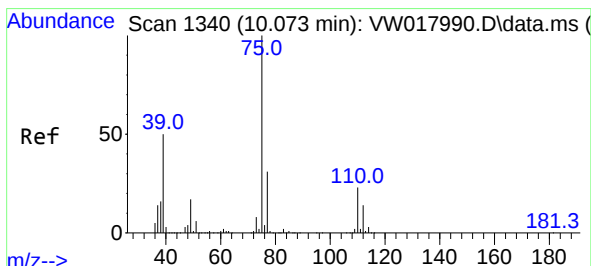
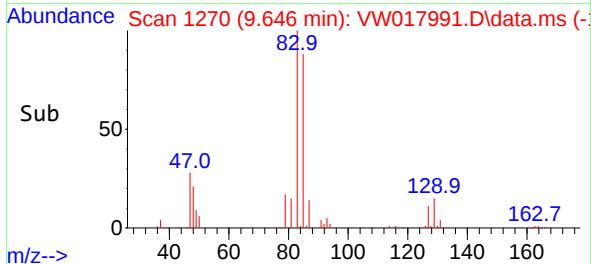
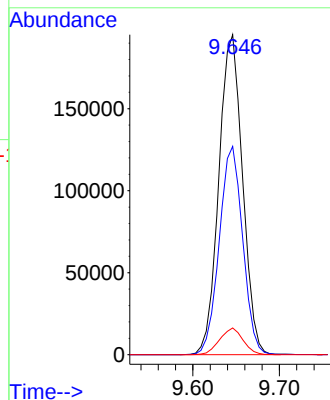
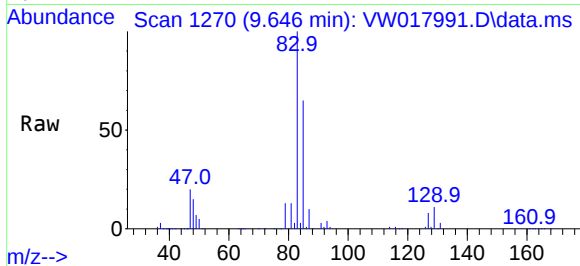




#41
Bromodichloromethane
Concen: 45.02 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.006 min
Lab File: VW017991.D
Acq: 26 Jan 2021 15:02

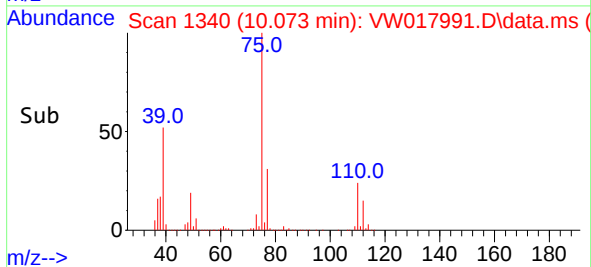
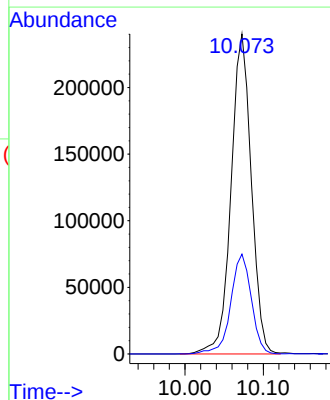
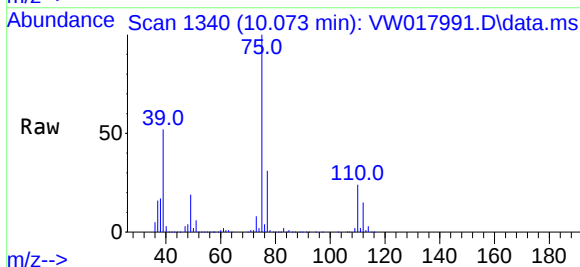
Instrument :
MSVOA_W
ClientSampleId :

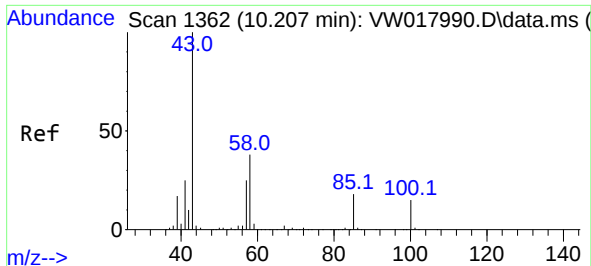
Tgt Ion: 83 Resp: 370898
Ion Ratio Lower Upper
83 100
85 65.1 46.8 86.8
127 8.4 7.6 11.4



#42
cis-1,3-Dichloropropene
Concen: 45.44 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW017991.D
Acq: 26 Jan 2021 15:02

Tgt Ion: 75 Resp: 431008
Ion Ratio Lower Upper
75 100
77 31.2 22.7 42.3

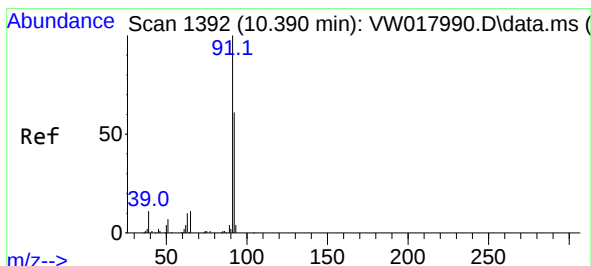
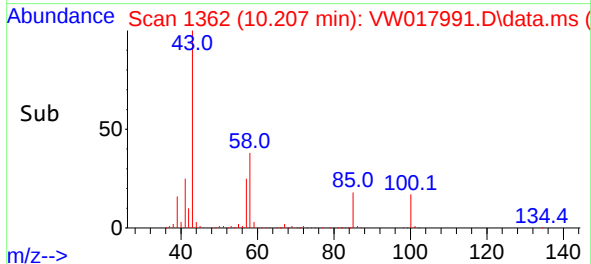
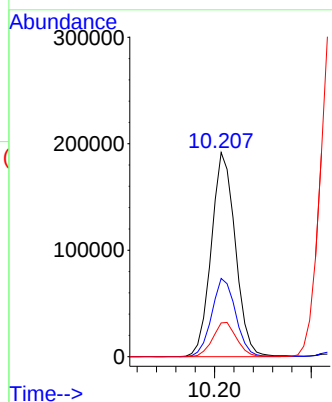
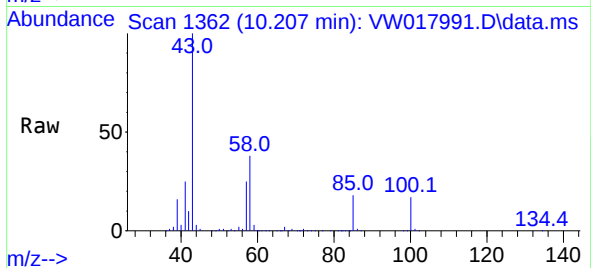




#43
4-Methyl-2-pentanone
Concen: 87.13 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VW017991.D
Acq: 26 Jan 2021 15:02

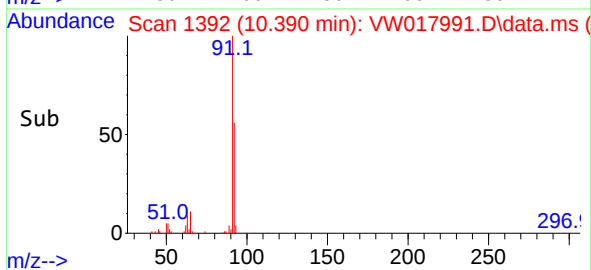
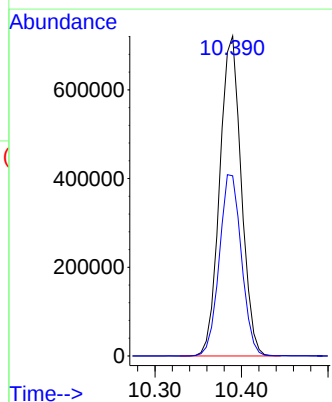
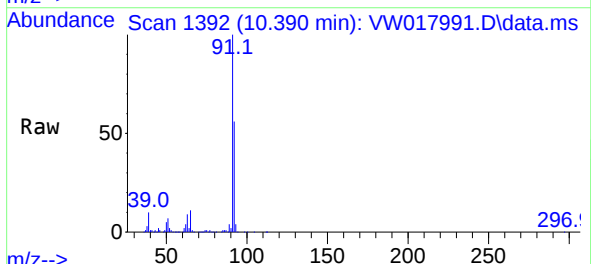
Instrument :
MSVOA_W
ClientSampled :

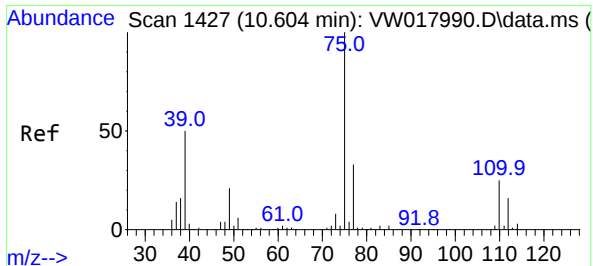
Tgt Ion: 43 Resp: 330334
Ion Ratio Lower Upper
43 100
58 38.4 31.6 47.4
100 16.7 14.1 21.1



#44
Toluene
Concen: 45.36 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW017991.D
Acq: 26 Jan 2021 15:02

Tgt Ion: 91 Resp: 1246367
Ion Ratio Lower Upper
91 100
92 56.3 41.6 77.3

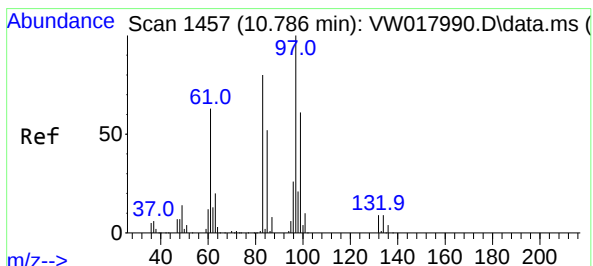
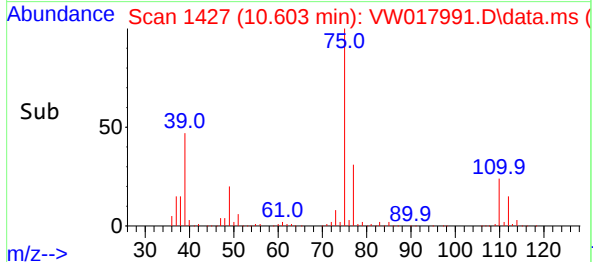
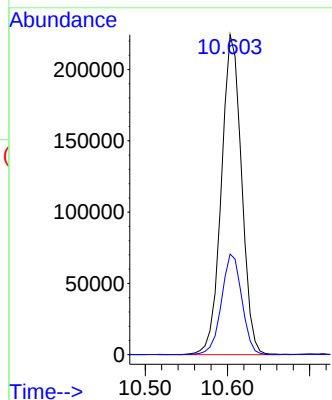
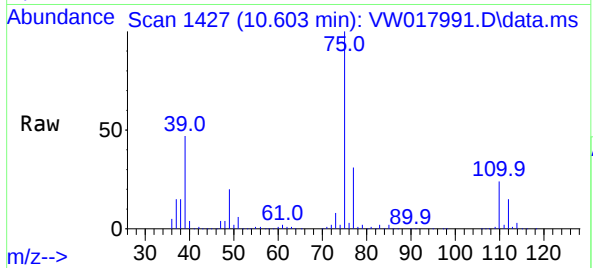




#45
trans-1,3-Dichloropropene
Concen: 47.01 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW017991.D
Acq: 26 Jan 2021 15:02

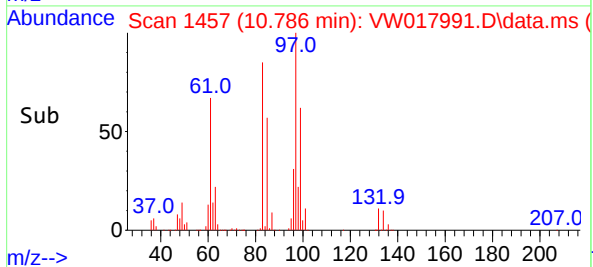
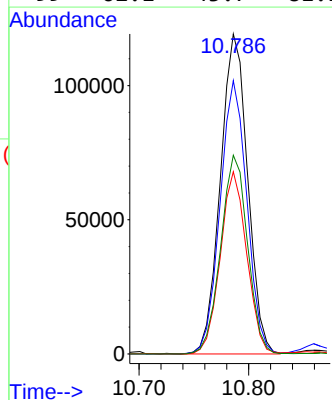
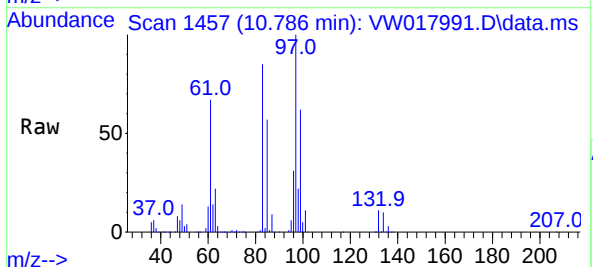
Instrument :
MSVOA_W
ClientSampleId :

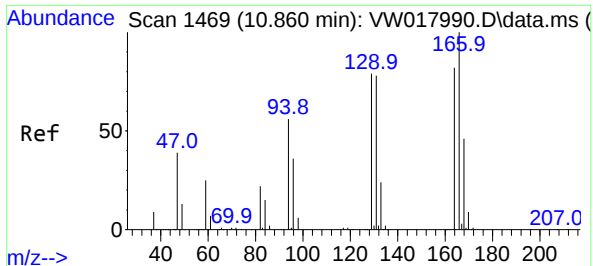
Tgt Ion: 75 Resp: 383587
Ion Ratio Lower Upper
75 100
77 31.5 22.6 42.0



#46
1,1,2-Trichloroethane
Concen: 43.48 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW017991.D
Acq: 26 Jan 2021 15:02

Tgt Ion: 97 Resp: 206107
Ion Ratio Lower Upper
97 100
83 85.4 58.5 108.7
85 57.0 37.8 70.2
99 62.1 43.7 81.1





#47

Tetrachloroethene

Concen: 45.97 ug/L

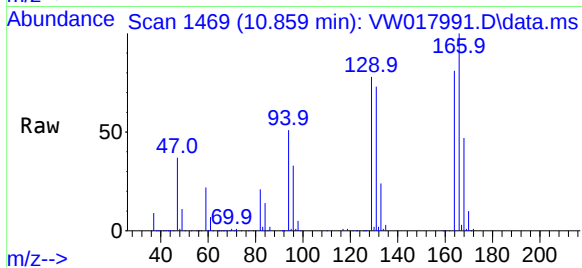
RT: 10.859 min Scan# 1469

Delta R.T. -0.000 min

Lab File: VW017991.D

Acq: 26 Jan 2021 15:02

Instrument :
MSVOA_W
ClientSampled :



Tgt Ion:164 Resp: 247166

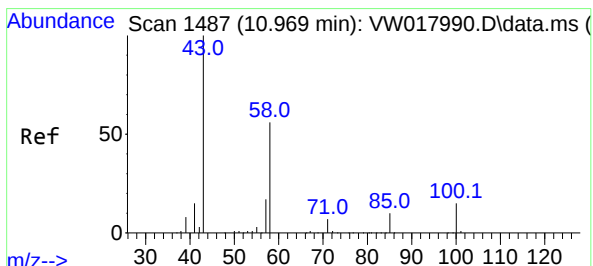
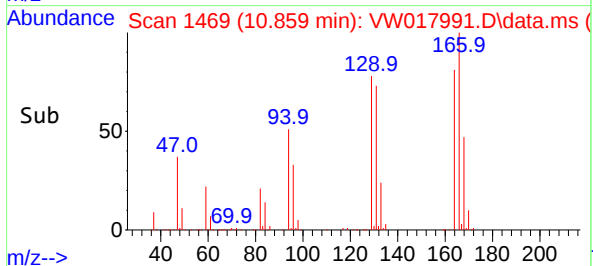
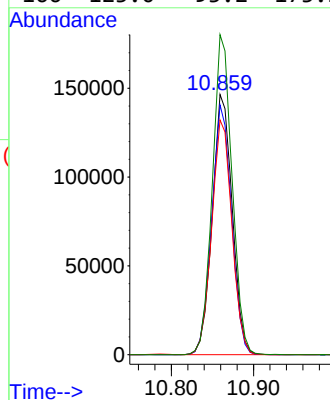
Ion Ratio Lower Upper

164 100

129 96.0 67.6 125.6

131 90.2 65.2 121.2

166 123.0 93.2 173.2



#49

2-Hexanone

Concen: 90.22 ug/L

RT: 10.969 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VW017991.D

Acq: 26 Jan 2021 15:02

Tgt Ion: 43 Resp: 231920

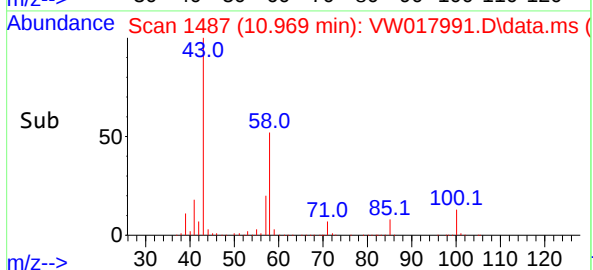
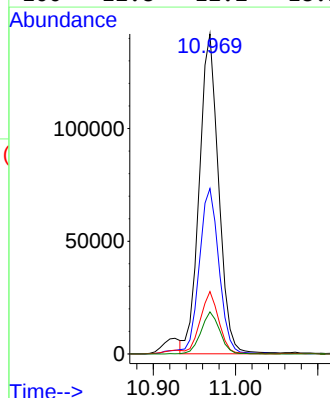
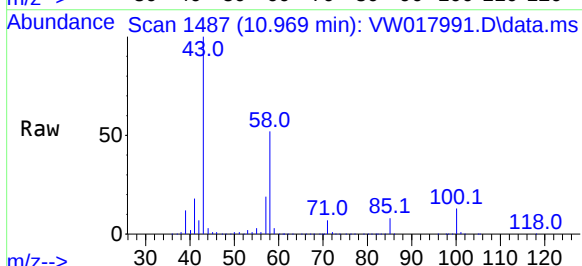
Ion Ratio Lower Upper

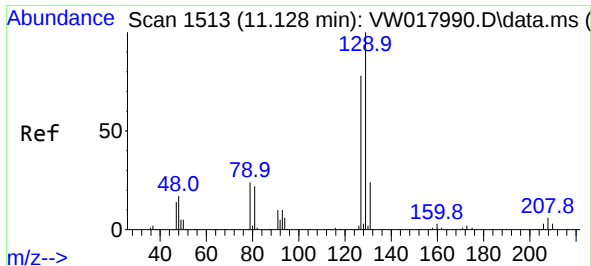
43 100

58 53.5 51.3 76.9

57 18.7 15.0 22.6

100 12.8 12.2 18.2

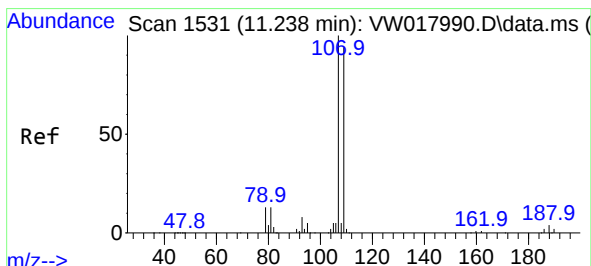
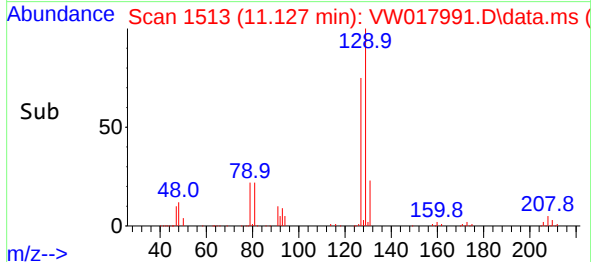
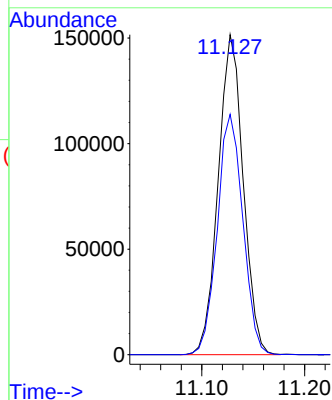
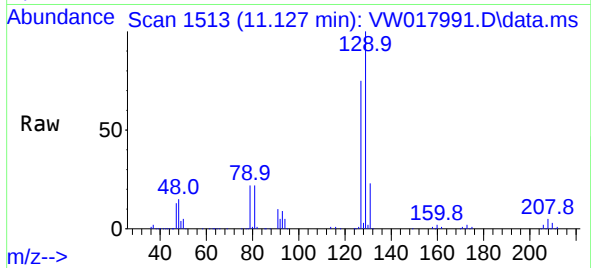




#50
Dibromochloromethane
Concen: 45.09 ug/L
RT: 11.127 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW017991.D
Acq: 26 Jan 2021 15:02

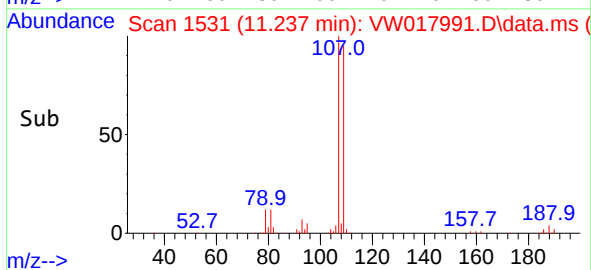
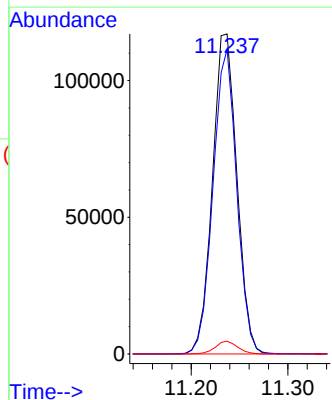
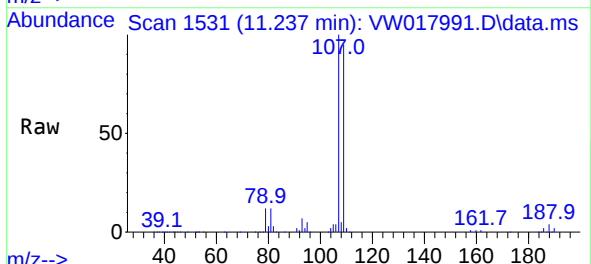
Instrument :
MSVOA_W
ClientSampled :

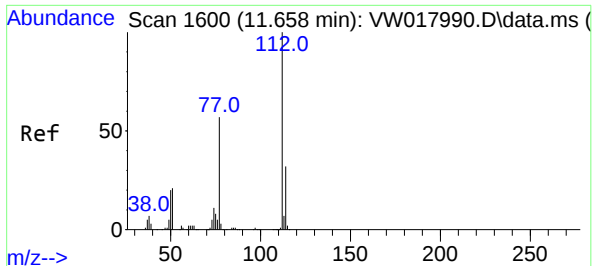
Tgt Ion:129 Resp: 255866
Ion Ratio Lower Upper
129 100
127 75.1 53.2 98.8



#51
1,2-Dibromoethane
Concen: 43.73 ug/L
RT: 11.237 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VW017991.D
Acq: 26 Jan 2021 15:02

Tgt Ion:107 Resp: 205560
Ion Ratio Lower Upper
107 100
109 95.3 66.4 123.2
188 4.0 4.0 6.0#

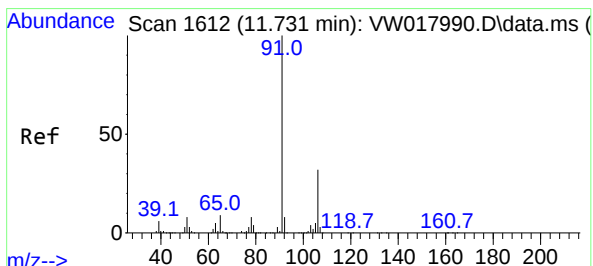
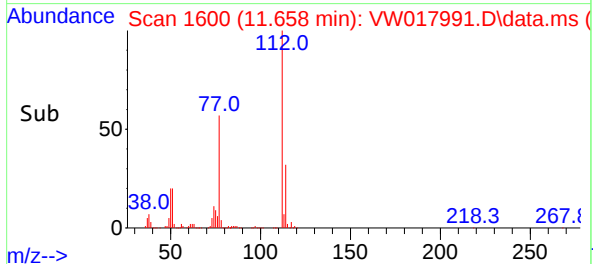
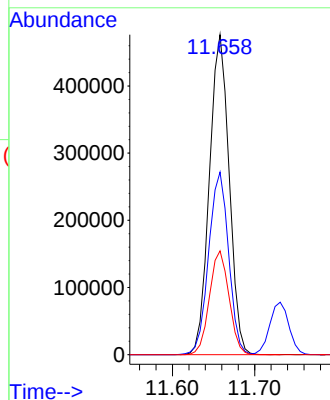
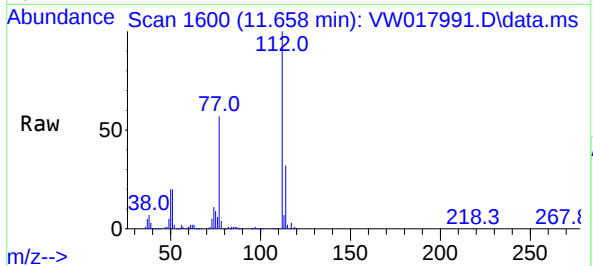




#52
Chlorobenzene
Concen: 44.76 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW017991.D
Acq: 26 Jan 2021 15:02

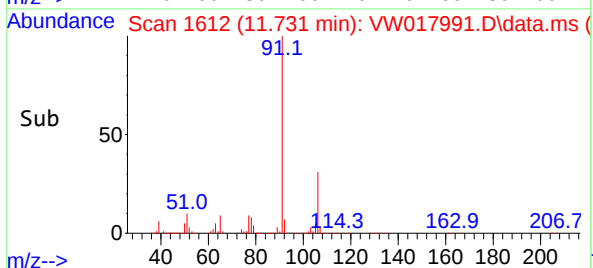
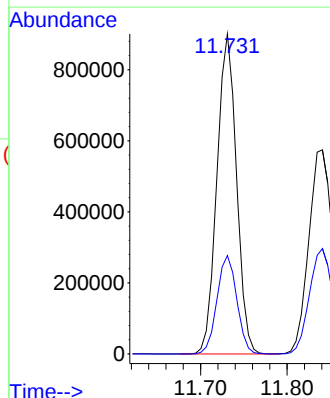
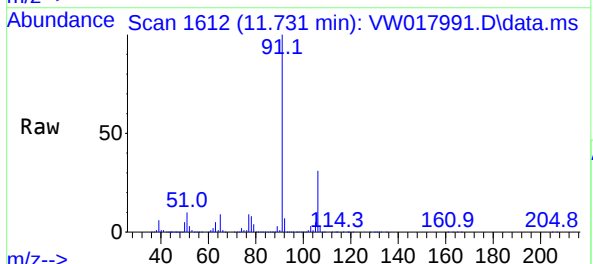
Instrument :
MSVOA_W
ClientSampleId :

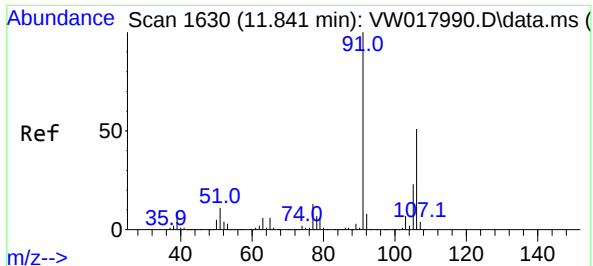
Tgt Ion:112 Resp: 794763
Ion Ratio Lower Upper
112 100
77 57.1 42.6 64.0
114 32.4 21.6 40.2



#53
Ethylbenzene
Concen: 45.64 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW017991.D
Acq: 26 Jan 2021 15:02

Tgt Ion: 91 Resp: 1415172
Ion Ratio Lower Upper
91 100
106 30.7 21.1 39.1

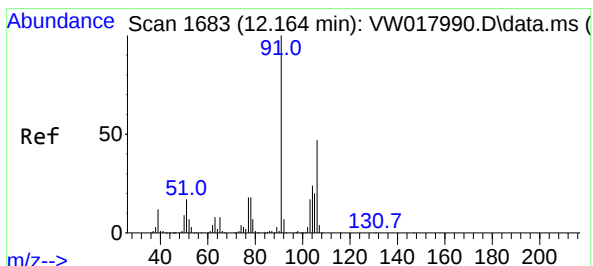
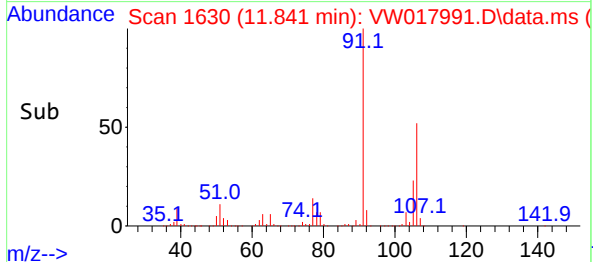
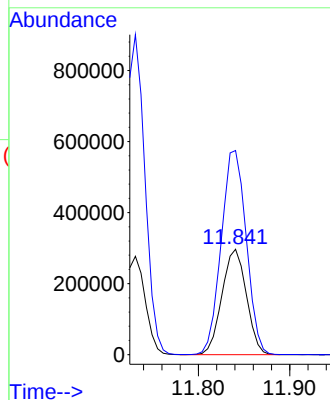
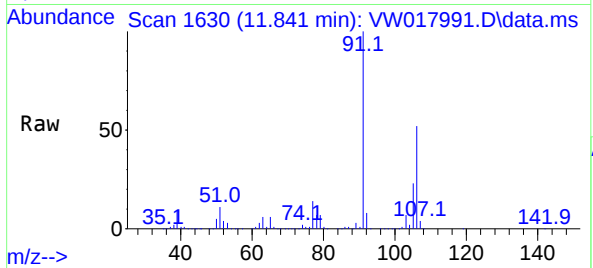




#54
m,p-Xylene
Concen: 45.77 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW017991.D
Acq: 26 Jan 2021 15:02

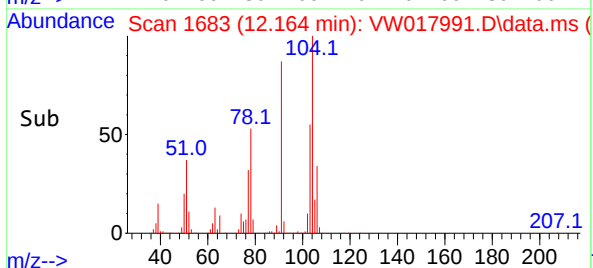
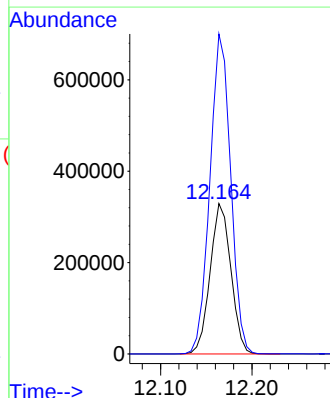
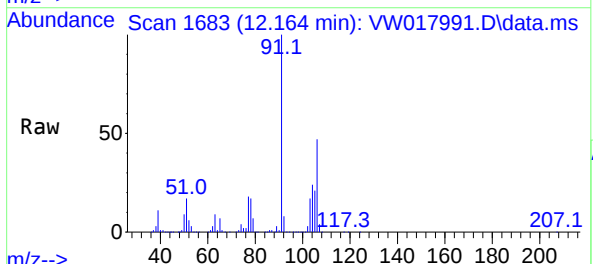
Instrument :
MSVOA_W
ClientSampled :

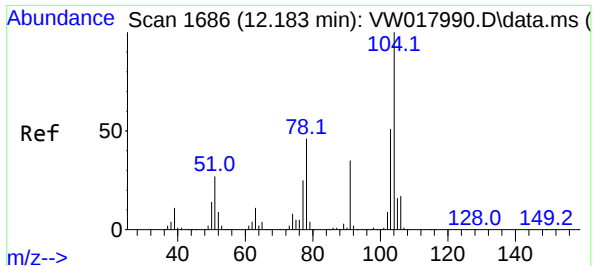
Tgt Ion:106 Resp: 552381
Ion Ratio Lower Upper
106 100
91 193.6 136.4 253.4



#55
o-xylene
Concen: 46.72 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW017991.D
Acq: 26 Jan 2021 15:02

Tgt Ion:106 Resp: 519601
Ion Ratio Lower Upper
106 100
91 212.7 147.6 274.2

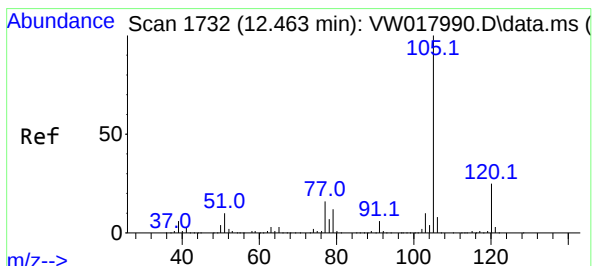
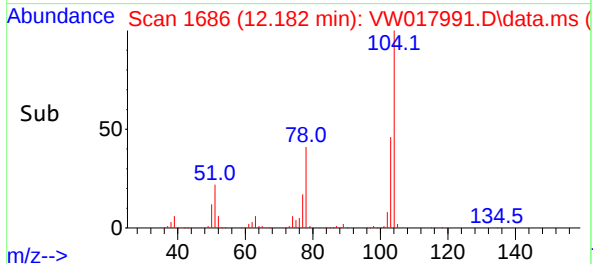
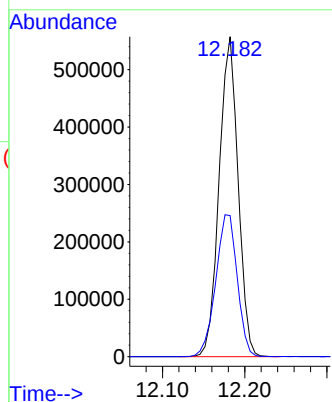
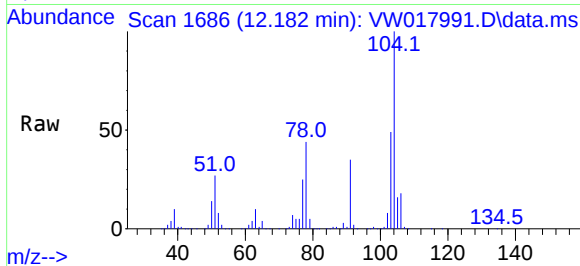




#56
Styrene
Concen: 47.21 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW017991.D
Acq: 26 Jan 2021 15:02

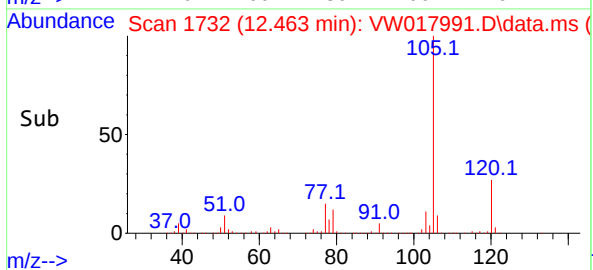
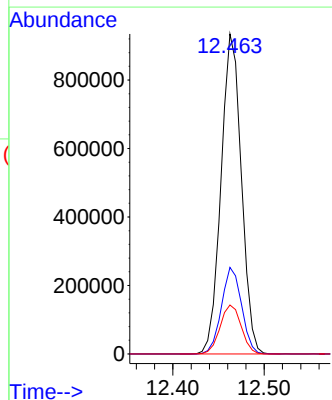
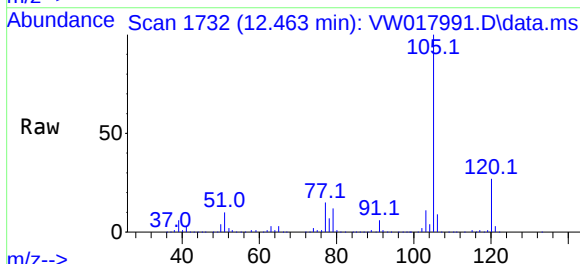
Instrument :
MSVOA_W
ClientSampled :

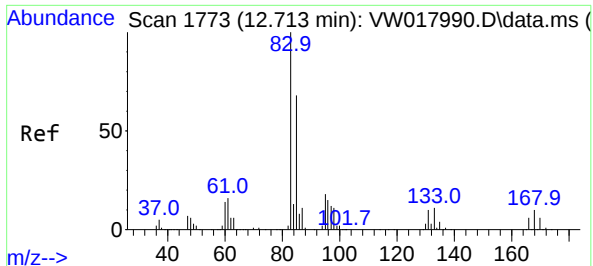
Tgt Ion:104 Resp: 892795
Ion Ratio Lower Upper
104 100
78 44.1 31.3 58.1



#57
Isopropylbenzene
Concen: 46.46 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW017991.D
Acq: 26 Jan 2021 15:02

Tgt Ion:105 Resp: 1444908
Ion Ratio Lower Upper
105 100
120 26.8 21.4 32.2
77 15.9 12.1 18.1

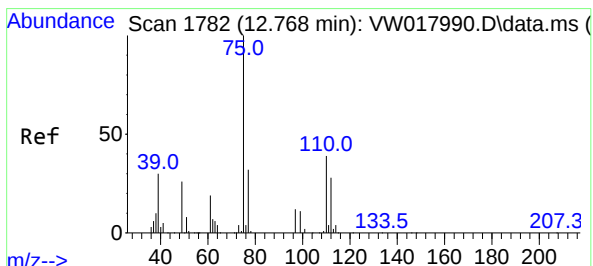
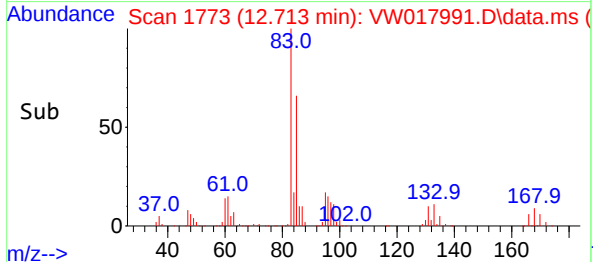
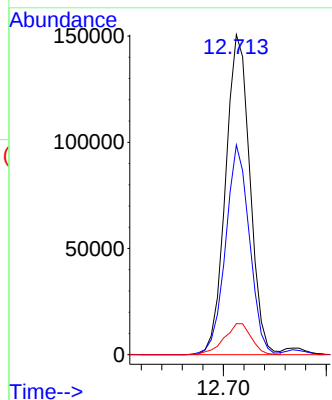
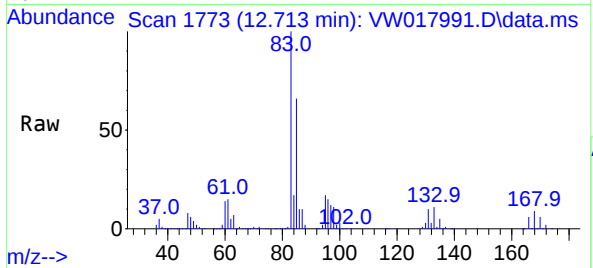




#58
1,1,2,2-Tetrachloroethane
Concen: 43.39 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW017991.D
Acq: 26 Jan 2021 15:02

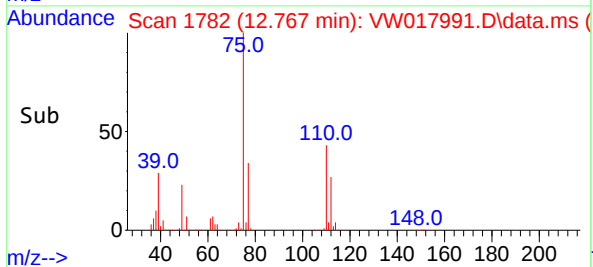
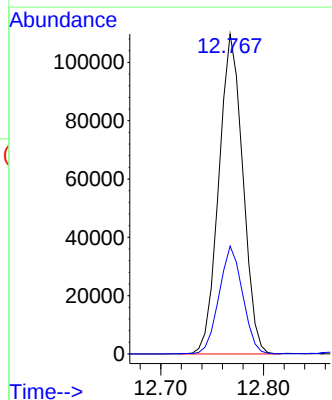
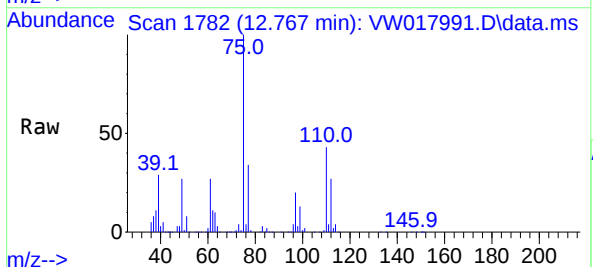
Instrument :
MSVOA_W
ClientSampleId :

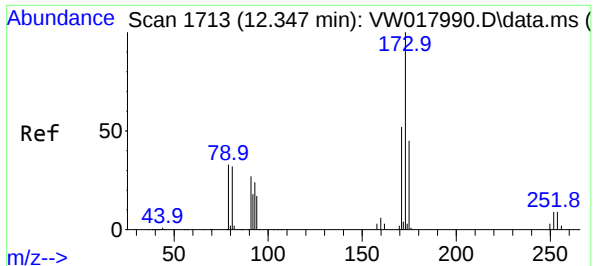
Tgt Ion: 83 Resp: 247504
Ion Ratio Lower Upper
83 100
85 65.5 45.3 84.1
131 9.7 8.3 12.5



#59
1,2,3-Trichloropropane
Concen: 41.41 ug/L
RT: 12.767 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW017991.D
Acq: 26 Jan 2021 15:02

Tgt Ion: 75 Resp: 177827
Ion Ratio Lower Upper
75 100
77 32.9 26.6 39.8

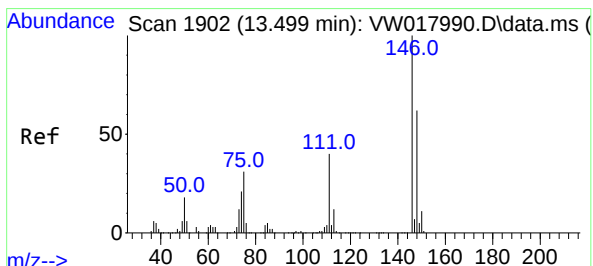
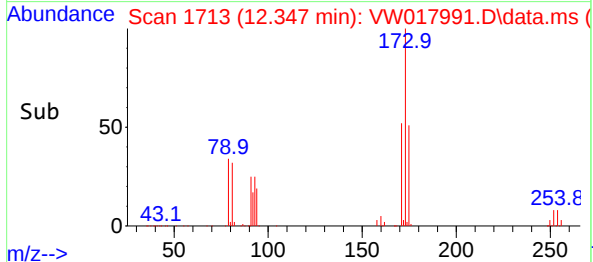
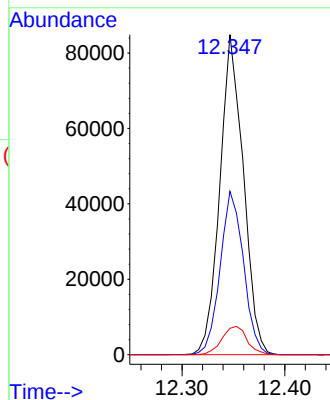
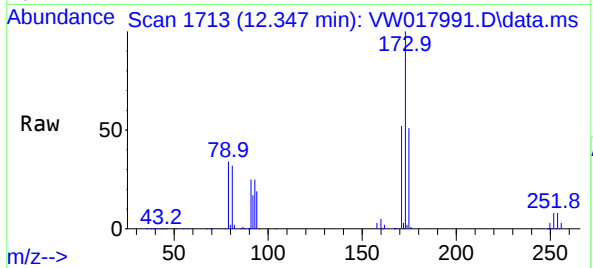




#62
Bromoform
Concen: 44.83 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.000 min
Lab File: VW017991.D
Acq: 26 Jan 2021 15:02

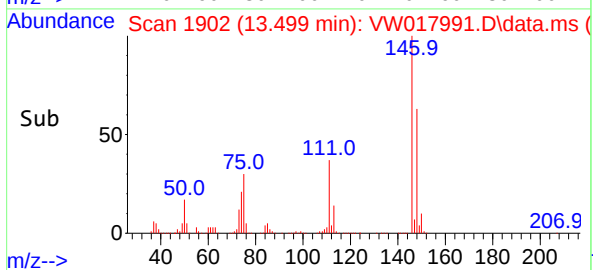
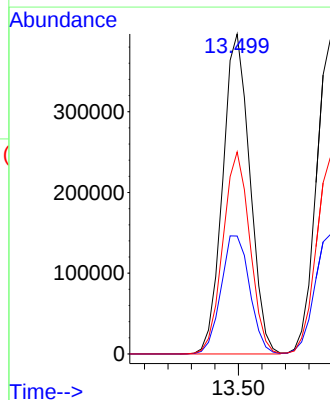
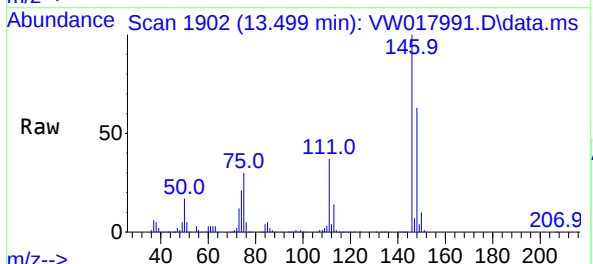
Instrument :
MSVOA_W
ClientSampleId :

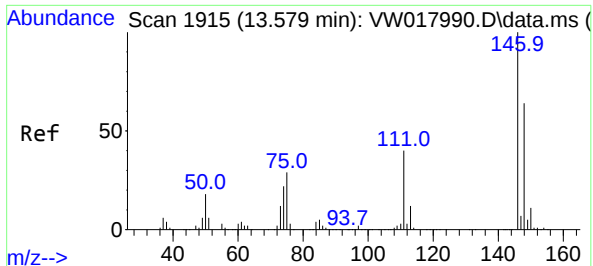
Tgt Ion:173 Resp: 134781
Ion Ratio Lower Upper
173 100
175 50.7 39.1 58.7
254 9.5 7.1 10.7



#63
1,3-Dichlorobenzene
Concen: 46.73 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW017991.D
Acq: 26 Jan 2021 15:02

Tgt Ion:146 Resp: 636241
Ion Ratio Lower Upper
146 100
111 36.8 28.5 52.9
148 63.1 47.8 88.8

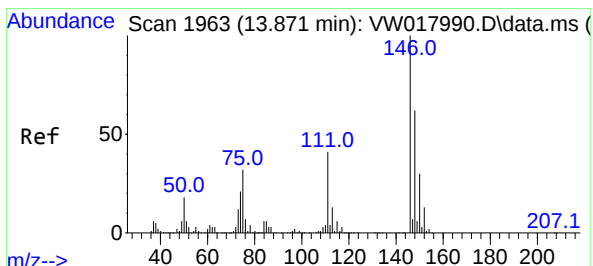
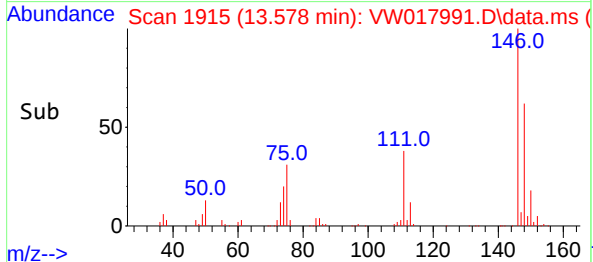
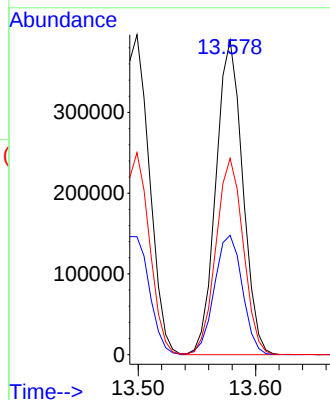
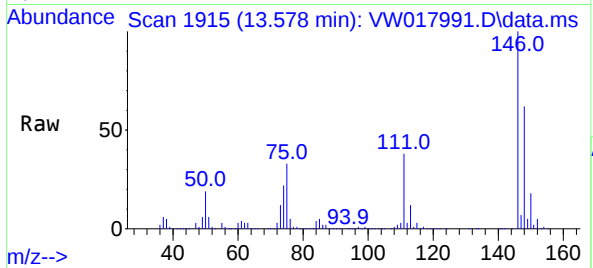




#64
1,4-Dichlorobenzene
Concen: 44.93 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW017991.D
Acq: 26 Jan 2021 15:02

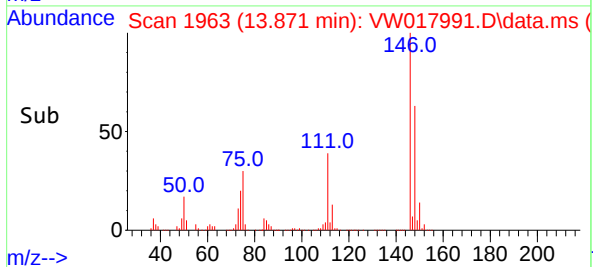
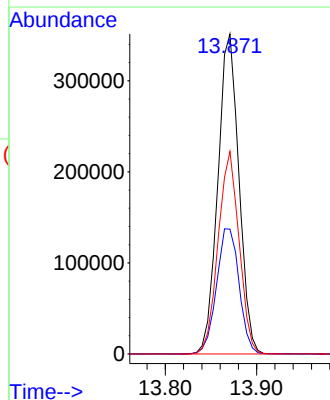
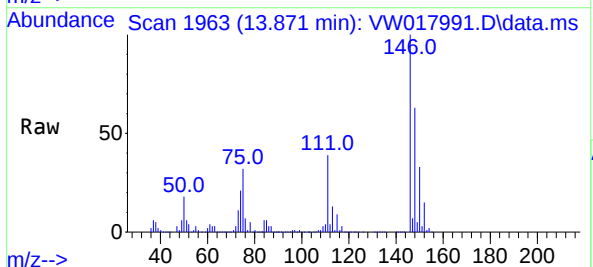
Tgt Ion:146 Resp: 616994
Ion Ratio Lower Upper
146 100
111 38.0 27.7 51.5
148 62.4 47.0 87.2

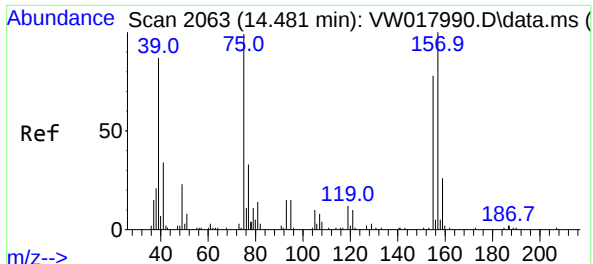
Instrument :
MSVOA_W
ClientSampled :



#65
1,2-Dichlorobenzene
Concen: 46.23 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VW017991.D
Acq: 26 Jan 2021 15:02

Tgt Ion:146 Resp: 564217
Ion Ratio Lower Upper
146 100
111 39.0 31.7 47.5
148 63.3 49.3 73.9

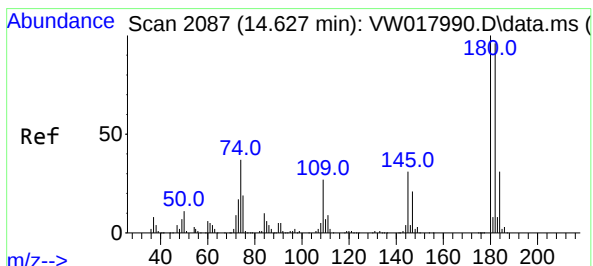
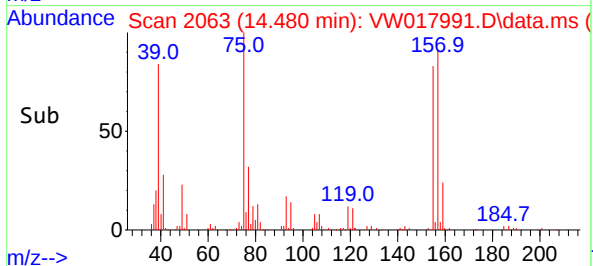
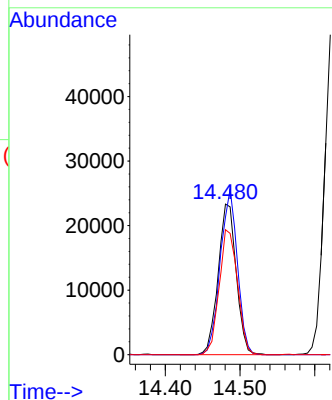
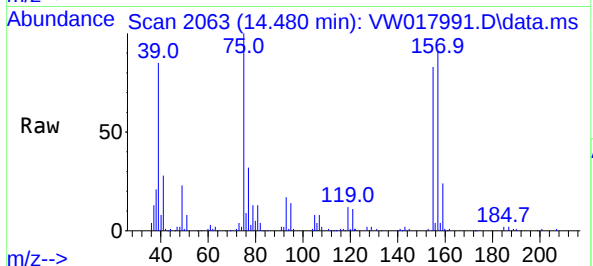




#66
1,2-Dibromo-3-chloropropane
Concen: 41.03 ug/L
RT: 14.480 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW017991.D
Acq: 26 Jan 2021 15:02

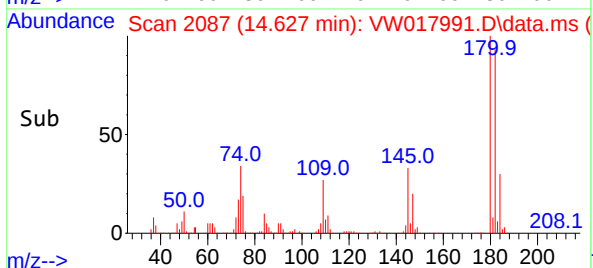
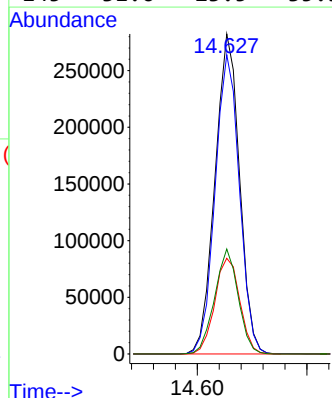
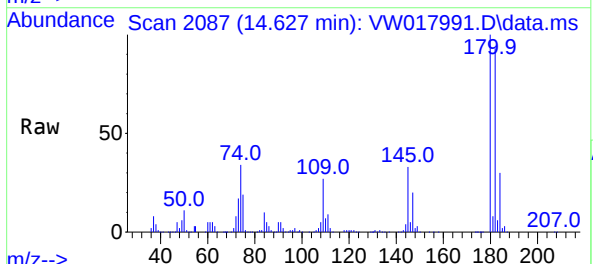
Instrument :
MSVOA_W
ClientSampleId :

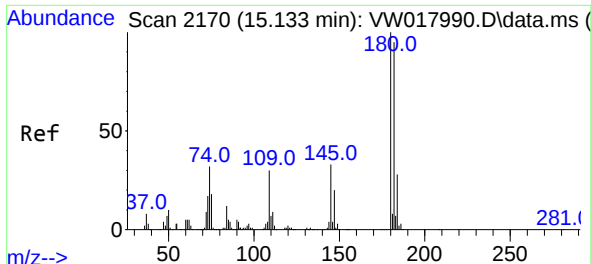
Tgt Ion: 75 Resp: 39237
Ion Ratio Lower Upper
75 100
157 91.4 99.9 149.9#
155 83.1 71.4 107.0



#67
1,3,5-Trichlorobenzene
Concen: 46.15 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW017991.D
Acq: 26 Jan 2021 15:02

Tgt Ion:180 Resp: 438146
Ion Ratio Lower Upper
180 100
182 92.7 77.0 115.6
184 30.6 24.2 36.4
145 31.6 23.5 35.3

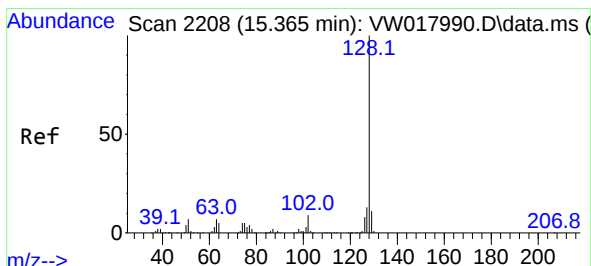
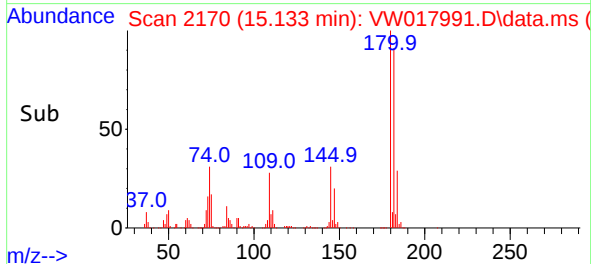
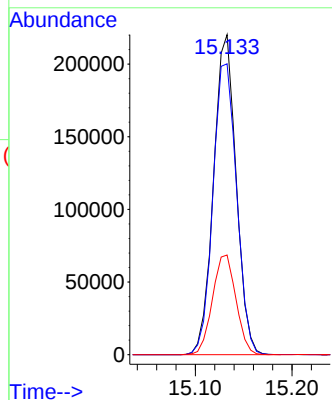
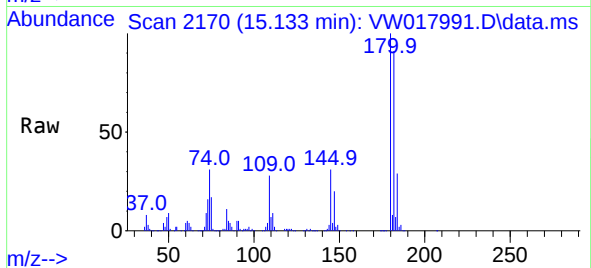




#68
1,2,4-trichlorobenzene
Concen: 44.09 ug/L
RT: 15.133 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VW017991.D
Acq: 26 Jan 2021 15:02

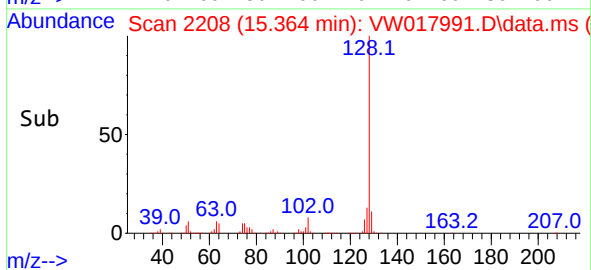
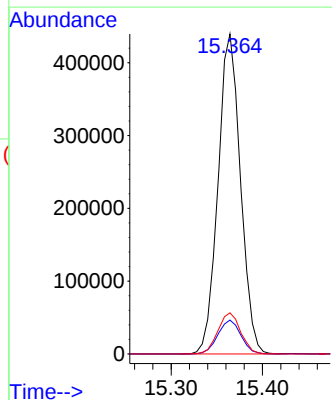
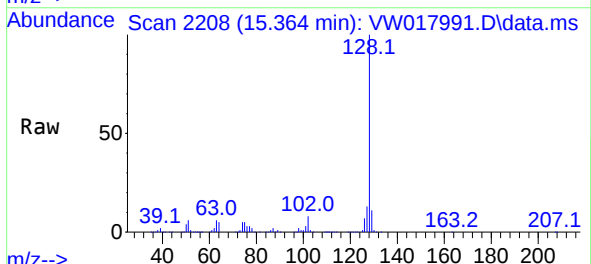
Instrument :
MSVOA_W
ClientSampleId :

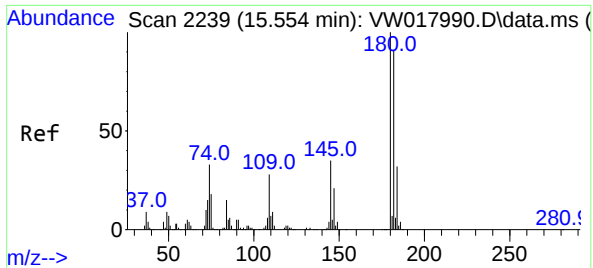
Tgt Ion:180 Resp: 357192
Ion Ratio Lower Upper
180 100
182 95.3 71.3 106.9
145 32.5 24.0 36.0



#69
Naphthalene
Concen: 45.17 ug/L
RT: 15.364 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW017991.D
Acq: 26 Jan 2021 15:02

Tgt Ion:128 Resp: 751099
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.1 10.7 16.1





#70
 1,2,3-Trichlorobenzene
 Concen: 44.31 ug/L
 RT: 15.553 min Scan# 2239
 Delta R.T. -0.000 min
 Lab File: VW017991.D
 Acq: 26 Jan 2021 15:02

Instrument :
 MSVOA_W
 ClientSampled :

Tgt Ion:180 Resp: 310857

Ion	Ratio	Lower	Upper
180	100		
182	93.9	74.7	112.1
145	34.4	25.4	38.0

