

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012621\
 Data File : VW017988.D
 Acq On : 26 Jan 2021 13:50
 Operator : SY/VA
 Sample : VSTD2.503
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 26 15:52:55 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	8.842	114	364318	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	320350	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	157484	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	5956	1.09	ug/L	0.00
7) Chloroethane-d5	2.891	69	13047	2.80	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.019	63	23071	2.31	ug/L	0.00
20) 2-Butanone-d5	7.086	46	4975	3.95	ug/L	0.01
24) Chloroform-d	7.647	84	25725	2.62	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	12638	2.32	ug/L	0.00
29) Benzene-d6	8.275	84	49354	2.72	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.274	67	13419	2.60	ug/L	0.00
37) Toluene-d8	10.323	98	44281	2.60	ug/L	0.00
38) trans-1,3-Dichloroprop...	10.573	79	5020	2.18	ug/L	0.00
39) 2-Hexanone-d5	10.927	63	3243	3.75	ug/L	0.00
48) 1,1,2,2-Tetrachloroeth...	12.688	84	9441	2.15	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.853	152	14498	2.66	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	14777	3.23	ug/L	91
3) Chloromethane	2.221	50	13084	3.05	ug/L	99
5) Vinyl chloride	2.361	62	6244	1.05	ug/L	100
6) Bromomethane	2.782	94	12007	2.47	ug/L	98
8) Chloroethane	2.928	64	10297	2.72	ug/L	96
9) Trichlorofluoromethane	3.263	101	10464	2.36	ug/L	91
11) 1,1,2-Trichloro-1,2,2-...	4.062	101	6483	1.28	ug/L #	80
12) 1,1-Dichloroethene	4.050	96	11041	2.34	ug/L	90
13) Acetone	4.123	43	6770	7.39	ug/L	78
14) Carbon disulfide	4.385	76	28652	1.97	ug/L	99
15) Methyl Acetate	4.678	43	2949	1.34	ug/L #	85
16) Methylene chloride	4.928	84	18064	3.43	ug/L	89
17) Methyl tert-butyl Ether	5.434	73	11835	1.94	ug/L #	94
18) trans-1,2-Dichloroethene	5.428	96	13270	2.59	ug/L	95
19) 1,1-Dichloroethane	6.220	63	22282	2.55	ug/L	98
22) cis-1,2-Dichloroethene	7.165	96	13732	2.53	ug/L	89
23) Bromochloromethane	7.512	128	6289	2.59	ug/L	88
25) Chloroform	7.677	83	24427	2.62	ug/L	99
27) 1,2-Dichloroethane	8.396	62	15436	2.44	ug/L #	94
30) Cyclohexane	7.958	56	20176	2.58	ug/L	98
31) 1,1,1-Trichloroethane	7.872	97	19126	2.59	ug/L	94
32) Carbon tetrachloride	8.067	117	17281	2.46	ug/L	99
34) Benzene	8.323	78	52041	2.75	ug/L	100
35) Trichloroethene	9.091	95	14554	2.79	ug/L	95
36) Methylcyclohexane	9.335	83	23569	2.61	ug/L	99
40) 1,2-Dichloropropane	9.372	63	12389	2.70	ug/L #	91
41) Bromodichloromethane	9.646	83	16068	2.56	ug/L	95
42) cis-1,3-Dichloropropene	10.073	75	16849	2.33	ug/L	96
43) 4-Methyl-2-pentanone	10.213	43	12385	4.29	ug/L	97
44) Toluene	10.390	91	55670	2.66	ug/L	97
45) trans-1,3-Dichloropropene	10.610	75	13235	2.13	ug/L	96
46) 1,1,2-Trichloroethane	10.786	97	8820	2.44	ug/L	95

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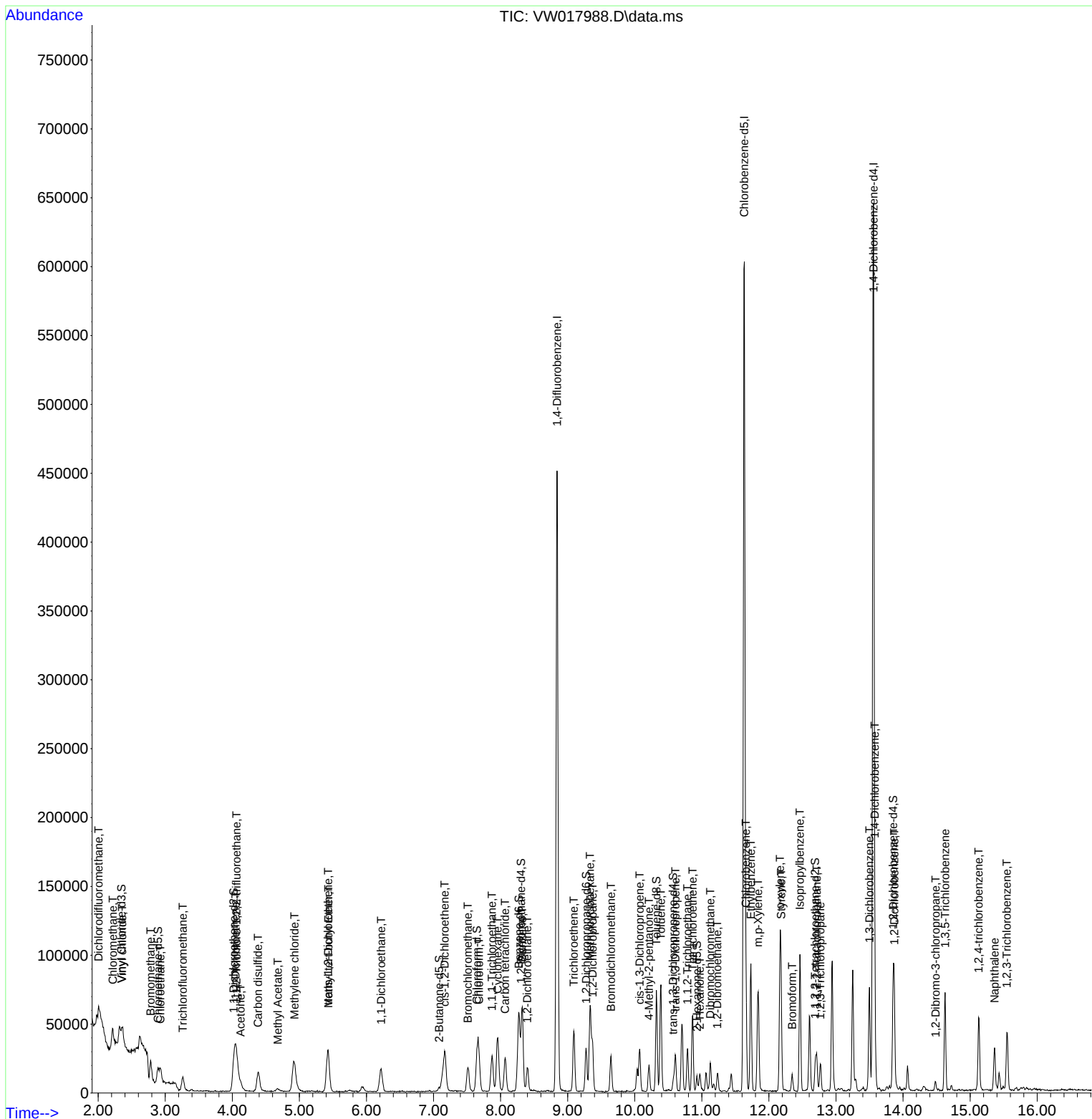
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 MSVOA_W
 ClientSampleId :

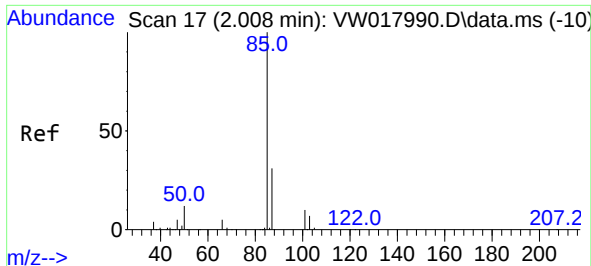
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 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Tetrachloroethene	10.866	164	11629	2.84	ug/L	88
49) 2-Hexanone	10.969	43	8220	4.20	ug/L	89
50) Dibromochloromethane	11.128	129	10151	2.35	ug/L	100
51) 1,2-Dibromoethane	11.231	107	8371	2.34	ug/L	96
52) Chlorobenzene	11.658	112	36347	2.69	ug/L	95
53) Ethylbenzene	11.731	91	61580	2.61	ug/L	97
54) m,p-Xylene	11.841	106	23355	2.54	ug/L	87
55) o-xylene	12.164	106	21690	2.56	ug/L	96
56) Styrene	12.182	104	35098	2.44	ug/L	99
57) Isopropylbenzene	12.463	105	58411	2.47	ug/L	98
58) 1,1,2,2-Tetrachloroethane	12.713	83	9509	2.19	ug/L	98
59) 1,2,3-Trichloropropane	12.768	75	7703	2.35	ug/L	98
62) Bromoform	12.347	173	4672	2.15	ug/L	96
63) 1,3-Dichlorobenzene	13.499	146	27747	2.81	ug/L	93
64) 1,4-Dichlorobenzene	13.578	146	26220	2.64	ug/L	98
65) 1,2-Dichlorobenzene	13.871	146	22541	2.55	ug/L	96
66) 1,2-Dibromo-3-chloropr...	14.487	75	1307	1.89	ug/L #	72
67) 1,3,5-Trichlorobenzene	14.627	180	18313	2.66	ug/L	97
68) 1,2,4-trichlorobenzene	15.127	180	15051	2.56	ug/L	94
69) Naphthalene	15.365	128	25248	2.10	ug/L	97
70) 1,2,3-Trichlorobenzene	15.548	180	12695	2.50	ug/L #	95

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

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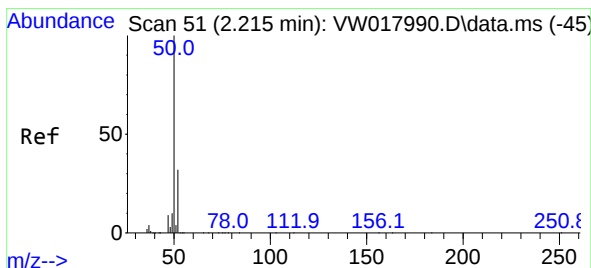
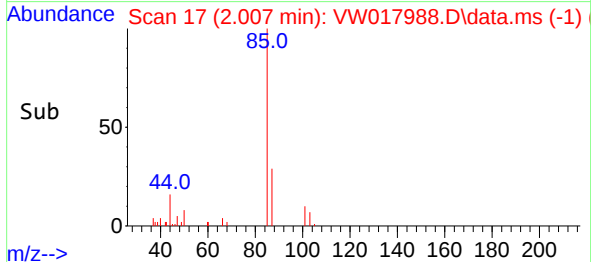
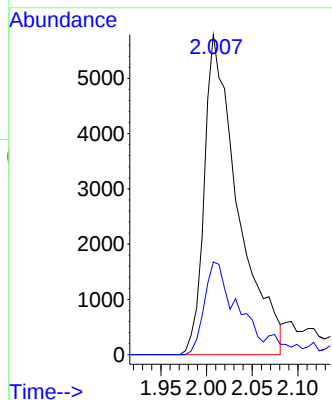
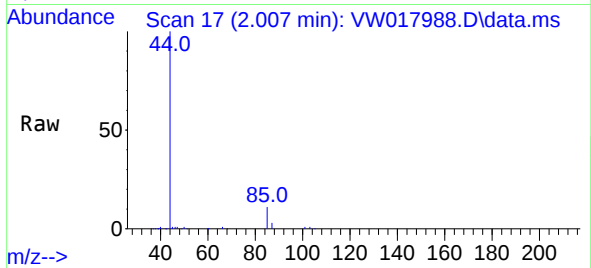




#2
Dichlorodifluoromethane
Concen: 3.23 ug/L
RT: 2.007 min Scan# 17
Delta R.T. -0.000 min
Lab File: VW017988.D
Acq: 26 Jan 2021 13:50

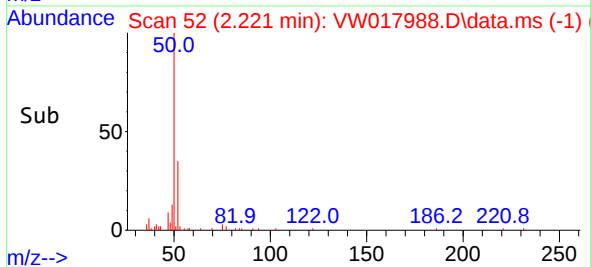
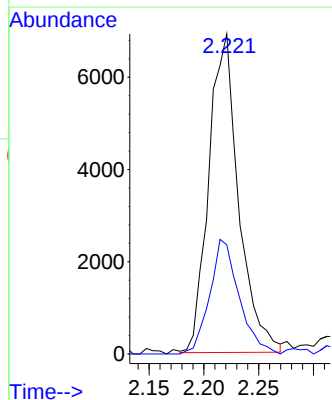
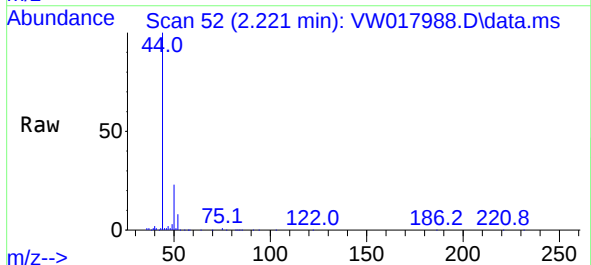
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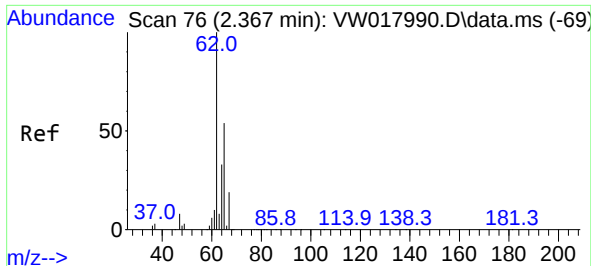
Tgt Ion: 85 Resp: 14777
Ion Ratio Lower Upper
85 100
87 28.0 23.2 43.0



#3
Chloromethane
Concen: 3.05 ug/L
RT: 2.221 min Scan# 52
Delta R.T. 0.006 min
Lab File: VW017988.D
Acq: 26 Jan 2021 13:50

Tgt Ion: 50 Resp: 13084
Ion Ratio Lower Upper
50 100
52 34.1 23.4 43.6

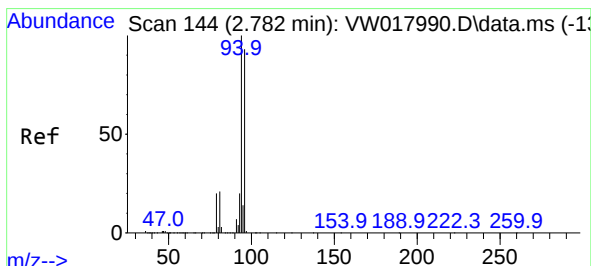
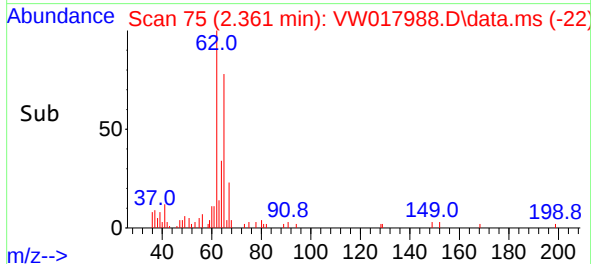
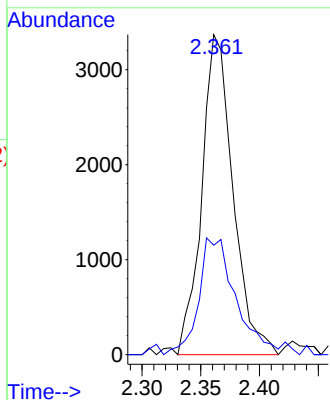
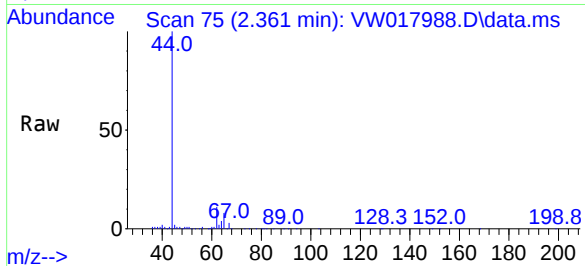




#5
 Vinyl chloride
 Concen: 1.05 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. -0.006 min
 Lab File: VW017988.D
 Acq: 26 Jan 2021 13:50

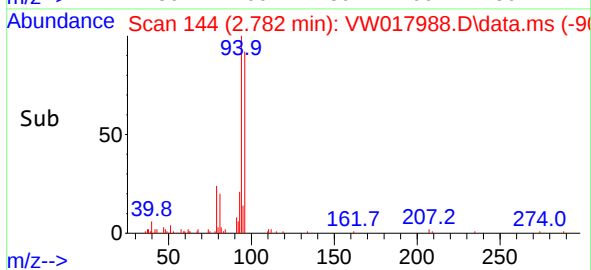
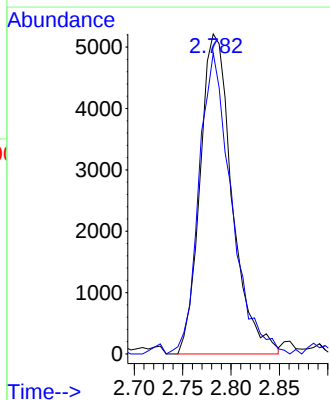
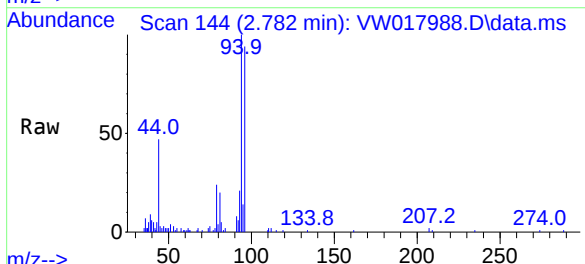
Instrument :
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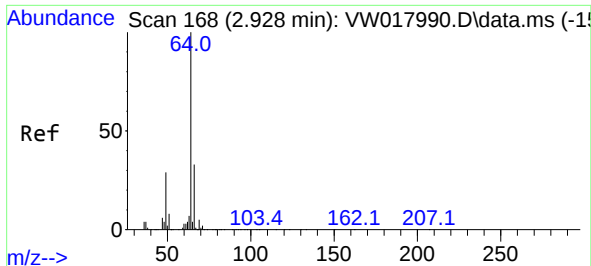
Tgt Ion: 62 Resp: 6244
 Ion Ratio Lower Upper
 62 100
 64 34.2 23.9 44.5



#6
 Bromomethane
 Concen: 2.47 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. -0.000 min
 Lab File: VW017988.D
 Acq: 26 Jan 2021 13:50

Tgt Ion: 94 Resp: 12007
 Ion Ratio Lower Upper
 94 100
 96 95.4 9.4 178.0

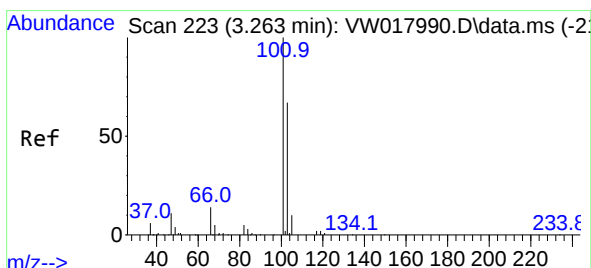
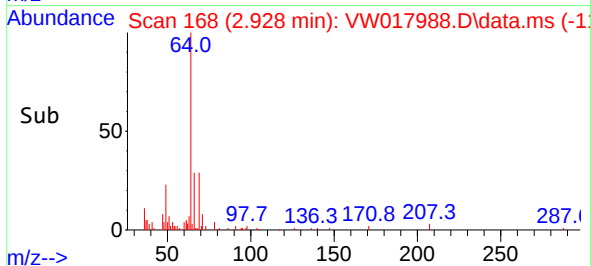
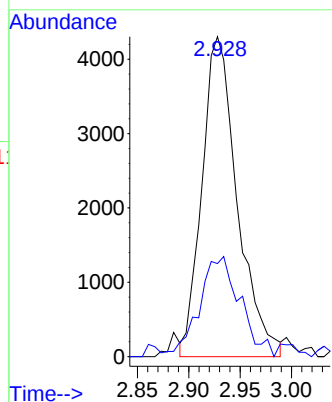
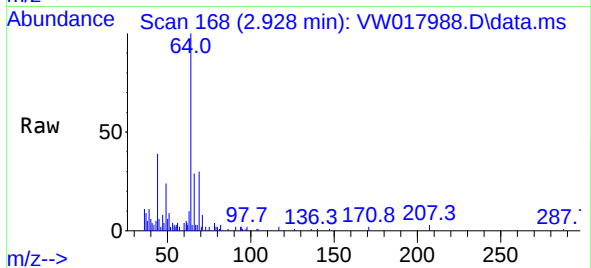




#8
Chloroethane
Concen: 2.72 ug/L
RT: 2.928 min Scan# 168
Delta R.T. -0.000 min
Lab File: VW017988.D
Acq: 26 Jan 2021 13:50

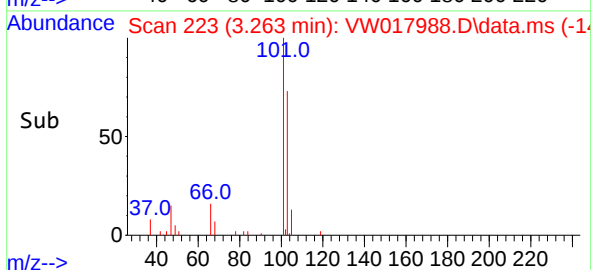
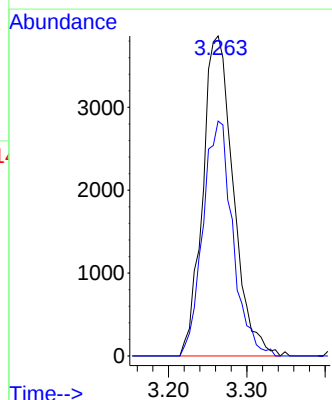
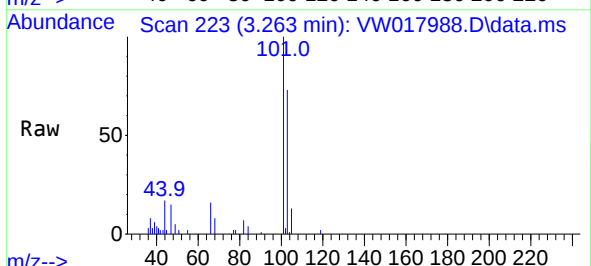
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ClientSampled :

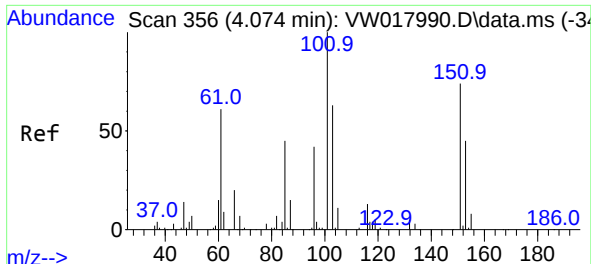
Tgt Ion: 64 Resp: 10297
Ion Ratio Lower Upper
64 100
66 29.1 22.0 41.0



#9
Trichlorofluoromethane
Concen: 2.36 ug/L
RT: 3.263 min Scan# 223
Delta R.T. -0.000 min
Lab File: VW017988.D
Acq: 26 Jan 2021 13:50

Tgt Ion: 101 Resp: 10464
Ion Ratio Lower Upper
101 100
103 71.2 45.0 83.6

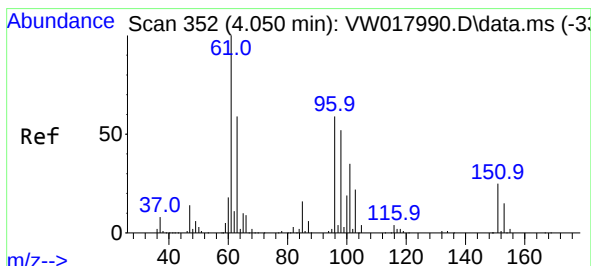
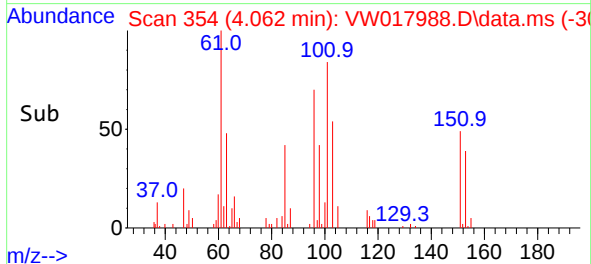
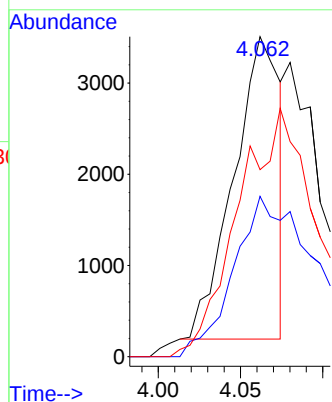
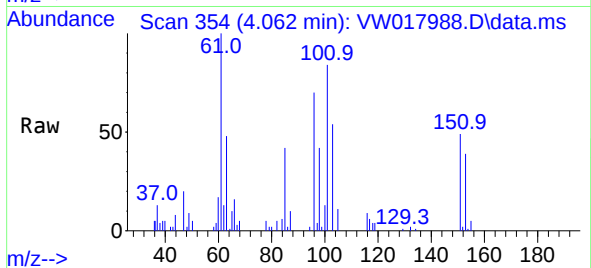




#11
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.28 ug/L
RT: 4.062 min Scan# 354
Delta R.T. -0.012 min
Lab File: VW017988.D
Acq: 26 Jan 2021 13:50

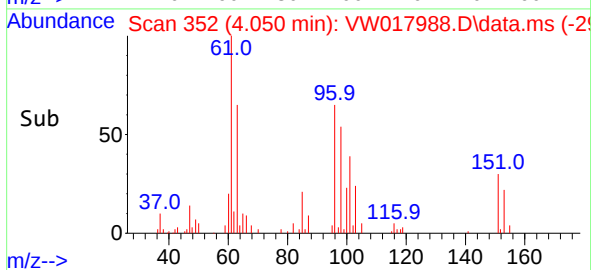
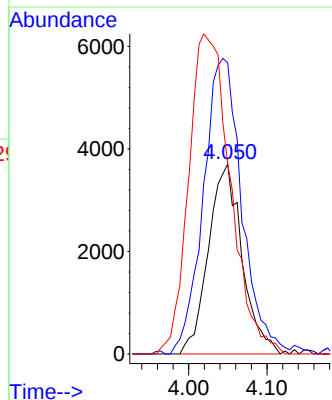
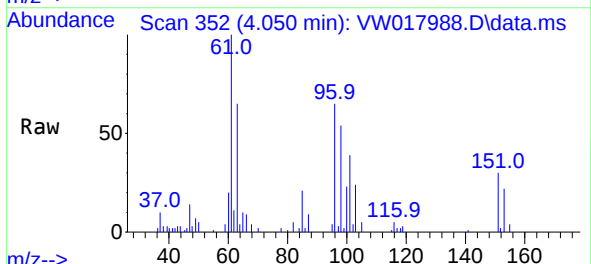
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MSVOA_W
ClientSampled :

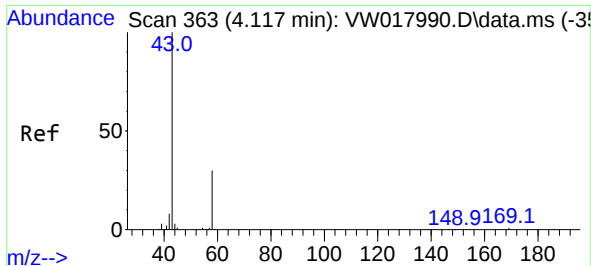
Tgt Ion:101 Resp: 6483
Ion Ratio Lower Upper
101 100
85 52.9 34.2 51.4#
151 52.7 30.4 45.6#



#12
1,1-Dichloroethene
Concen: 2.34 ug/L
RT: 4.050 min Scan# 352
Delta R.T. -0.000 min
Lab File: VW017988.D
Acq: 26 Jan 2021 13:50

Tgt Ion: 96 Resp: 11041
Ion Ratio Lower Upper
96 100
61 153.4 112.5 208.9
63 100.1 83.1 154.3

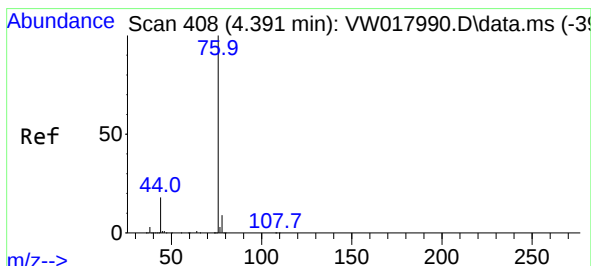
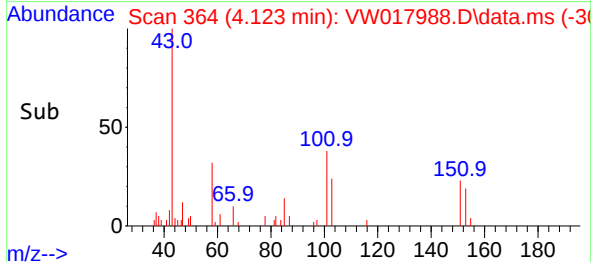
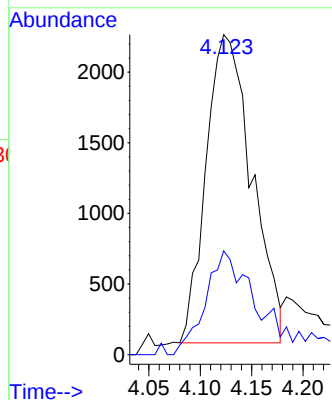
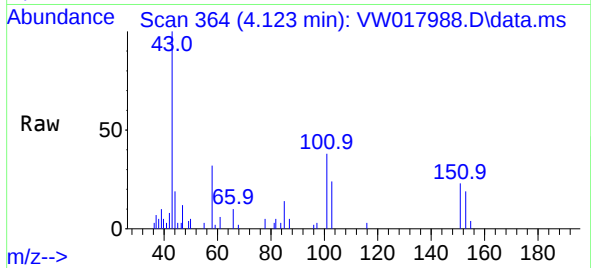




#13
Acetone
Concen: 7.39 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW017988.D
Acq: 26 Jan 2021 13:50

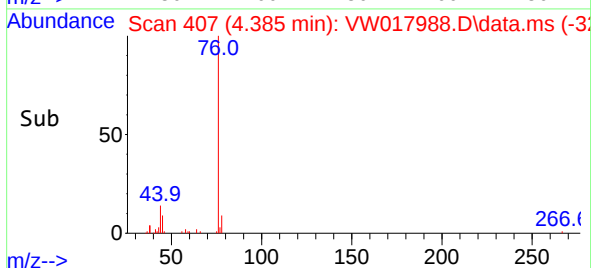
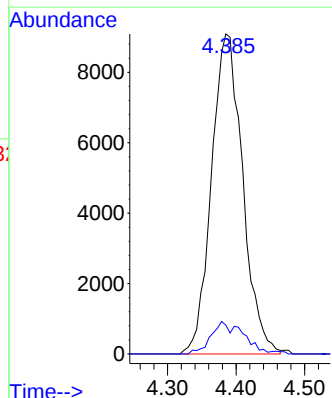
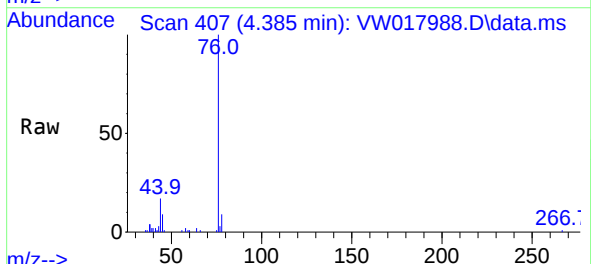
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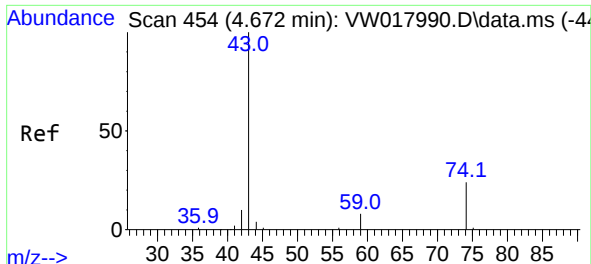
Tgt Ion: 43 Resp: 6770
Ion Ratio Lower Upper
43 100
58 21.8 0.0 68.4



#14
Carbon disulfide
Concen: 1.97 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.006 min
Lab File: VW017988.D
Acq: 26 Jan 2021 13:50

Tgt Ion: 76 Resp: 28652
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.4

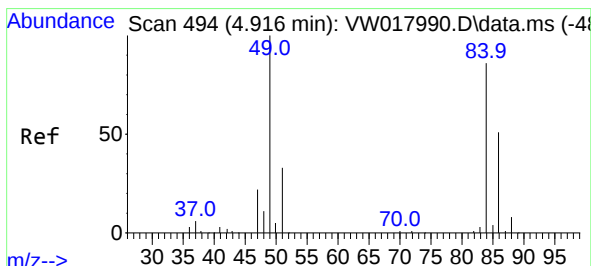
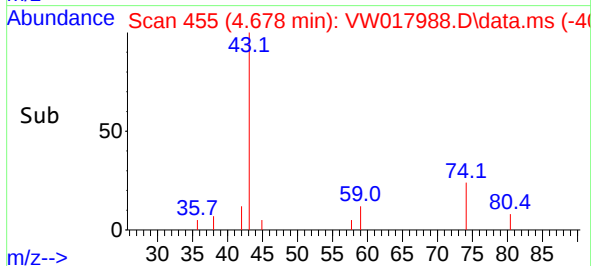
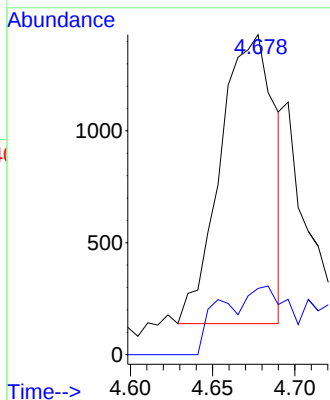
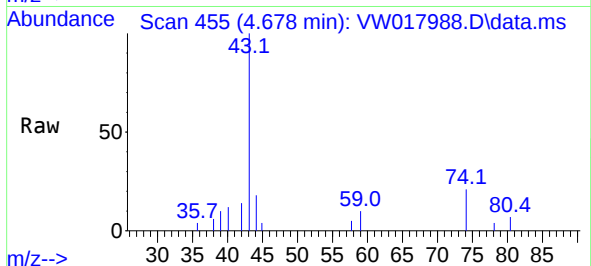




#15
Methyl Acetate
Concen: 1.34 ug/L
RT: 4.678 min Scan# 455
Delta R.T. 0.006 min
Lab File: VW017988.D
Acq: 26 Jan 2021 13:50

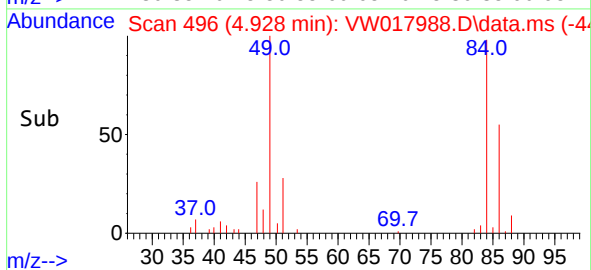
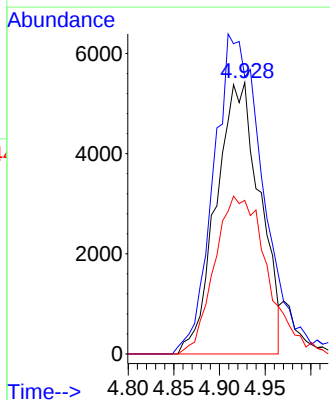
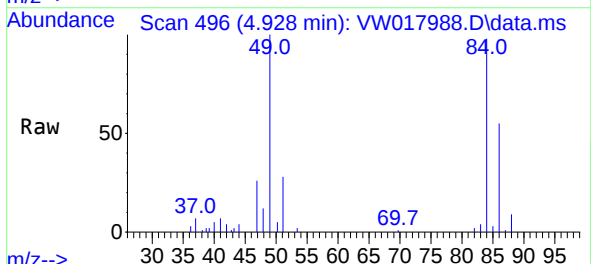
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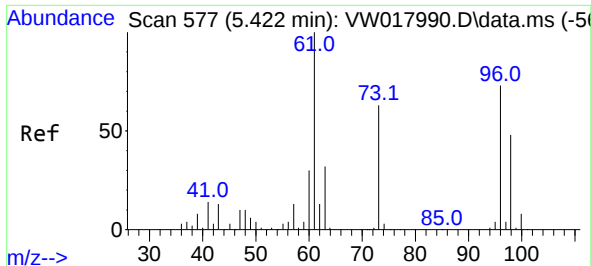
Tgt Ion: 43 Resp: 2949
Ion Ratio Lower Upper
43 100
74 18.2 20.7 31.1#



#16
Methylene chloride
Concen: 3.43 ug/L
RT: 4.928 min Scan# 496
Delta R.T. 0.012 min
Lab File: VW017988.D
Acq: 26 Jan 2021 13:50

Tgt Ion: 84 Resp: 18064
Ion Ratio Lower Upper
84 100
49 102.2 81.2 150.8
86 56.6 44.5 82.7

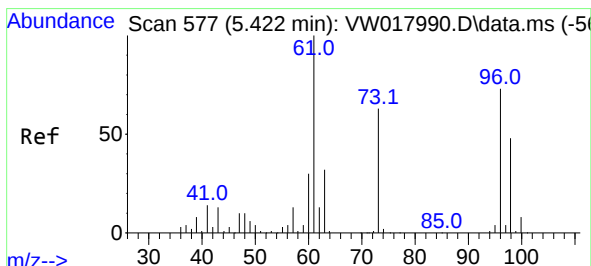
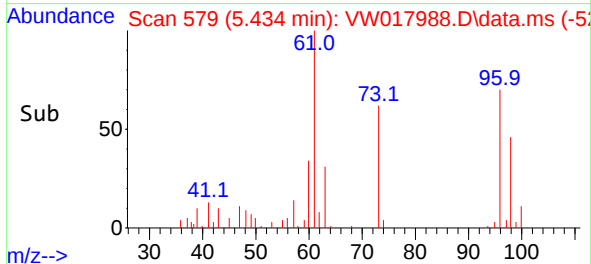
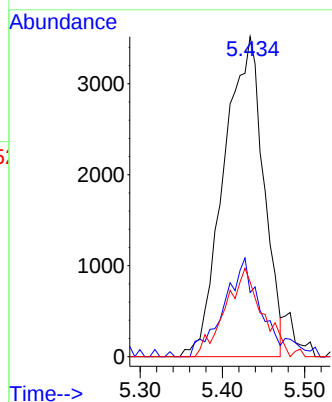
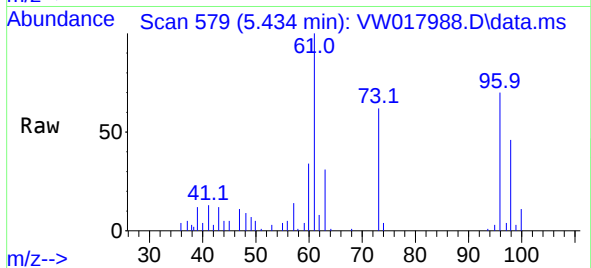




#17
Methyl tert-butyl Ether
Concen: 1.94 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.012 min
Lab File: VW017988.D
Acq: 26 Jan 2021 13:50

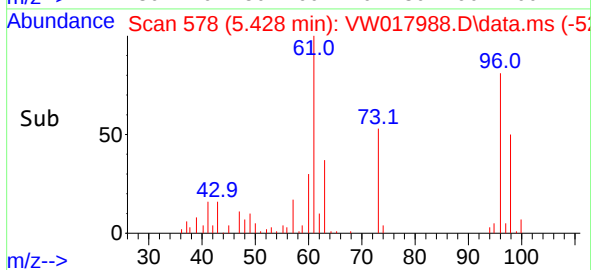
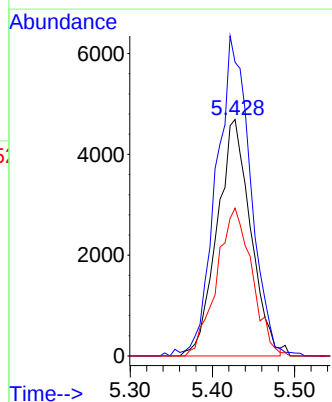
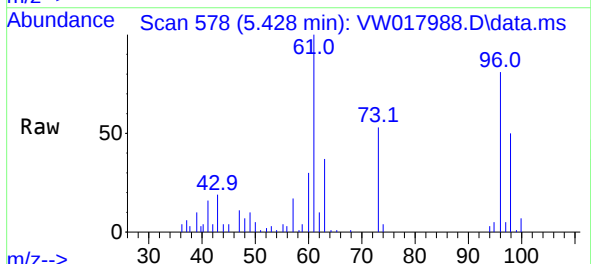
Instrument :
MSVOA_W
ClientSampled :

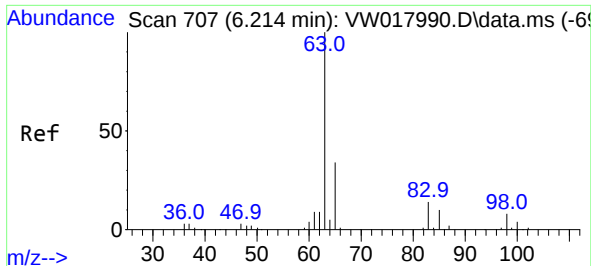
Tgt Ion: 73 Resp: 11835
Ion Ratio Lower Upper
73 100
43 25.7 16.2 24.4#
57 21.7 17.2 25.8



#18
trans-1,2-Dichloroethene
Concen: 2.59 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW017988.D
Acq: 26 Jan 2021 13:50

Tgt Ion: 96 Resp: 13270
Ion Ratio Lower Upper
96 100
61 124.1 92.7 172.1
98 62.5 43.3 80.3





#19

1,1-Dichloroethane

Concen: 2.55 ug/L

RT: 6.220 min Scan# 708

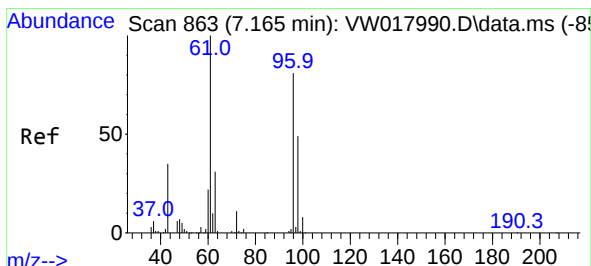
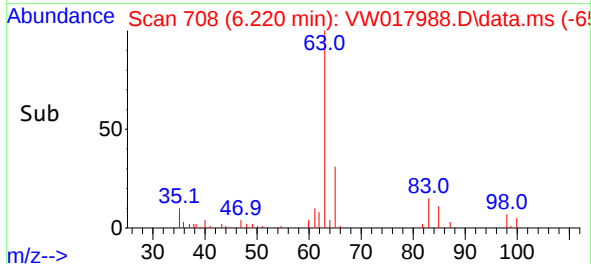
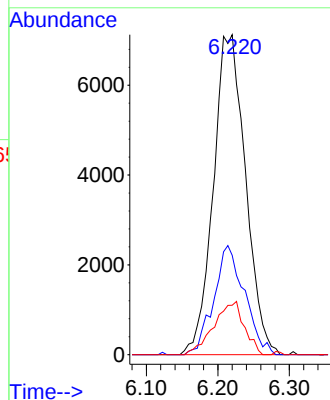
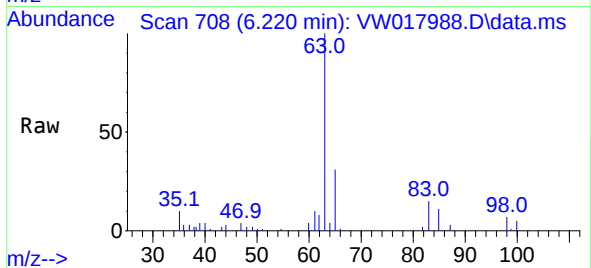
Delta R.T. 0.006 min

Lab File: VW017988.D

Acq: 26 Jan 2021 13:50

Tgt Ion: 63 Resp: 22282

Ion	Ratio	Lower	Upper
63	100		
65	31.1	21.9	40.7
83	15.5	9.4	17.6



#22

cis-1,2-Dichloroethene

Concen: 2.53 ug/L

RT: 7.165 min Scan# 863

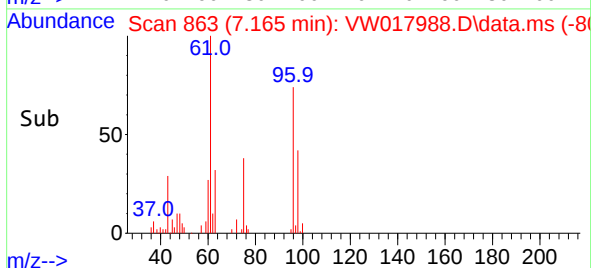
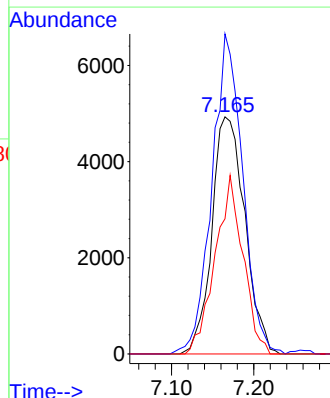
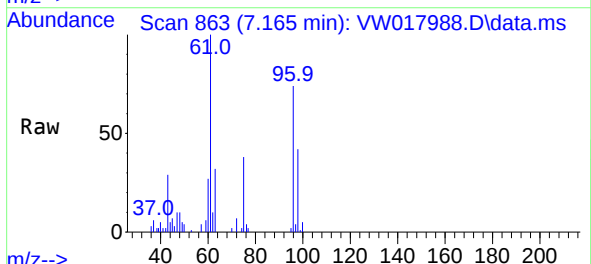
Delta R.T. -0.000 min

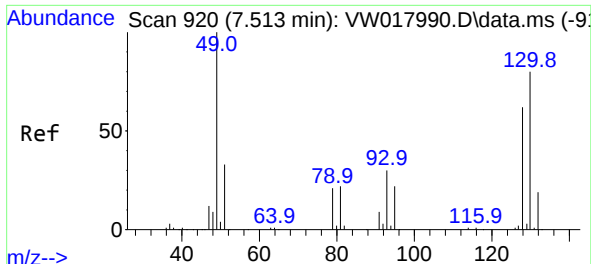
Lab File: VW017988.D

Acq: 26 Jan 2021 13:50

Tgt Ion: 96 Resp: 13732

Ion	Ratio	Lower	Upper
96	100		
61	135.0	84.6	157.2
98	57.0	44.7	82.9



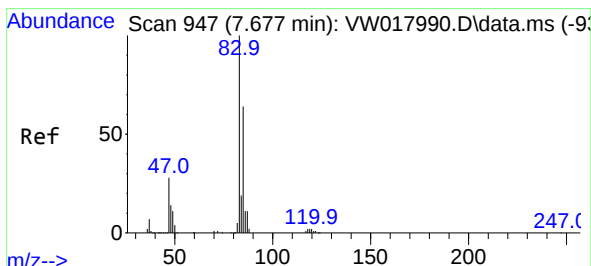
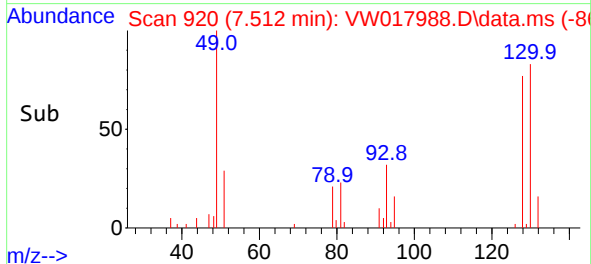
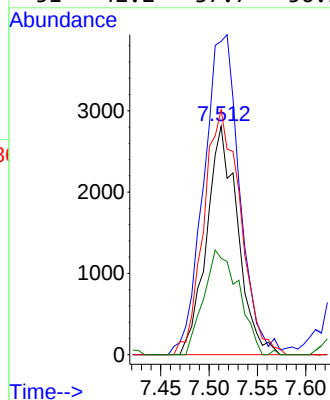
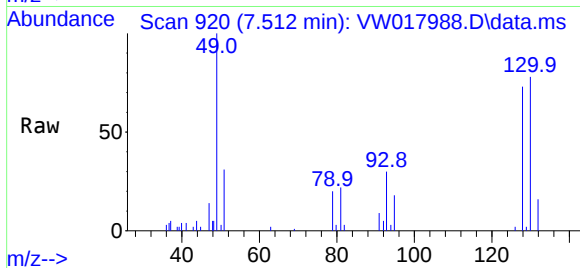


#23
Bromochloromethane
Concen: 2.59 ug/L
RT: 7.512 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW017988.D
Acq: 26 Jan 2021 13:50

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 6289

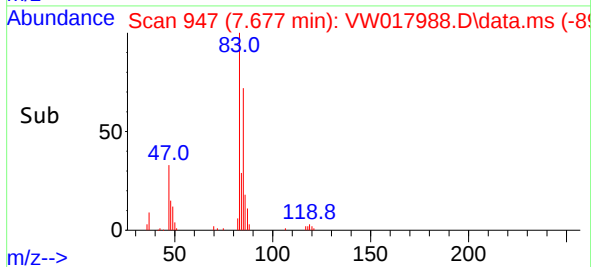
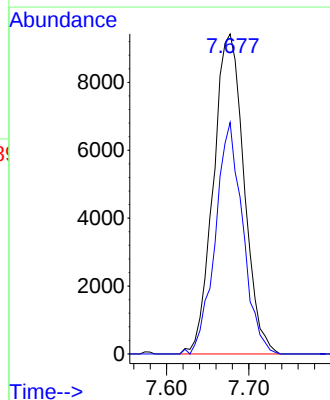
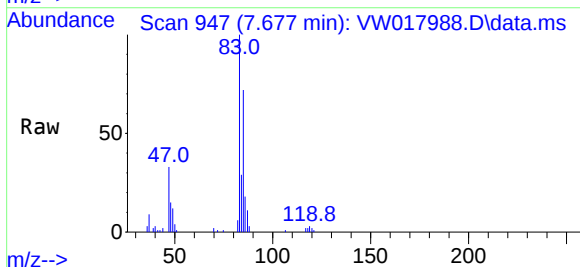
Ion	Ratio	Lower	Upper
128	100		
49	137.2	101.6	188.6
130	107.3	90.4	167.8
51	42.2	37.7	56.5

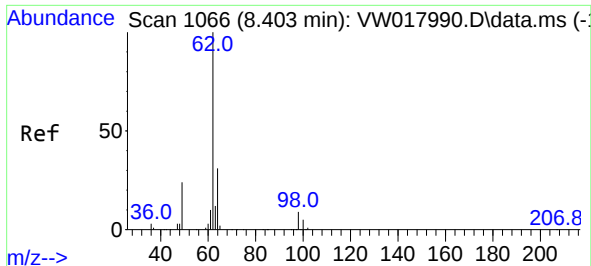


#25
Chloroform
Concen: 2.62 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW017988.D
Acq: 26 Jan 2021 13:50

Tgt Ion: 83 Resp: 24427

Ion	Ratio	Lower	Upper
83	100		
85	64.5	45.7	84.9

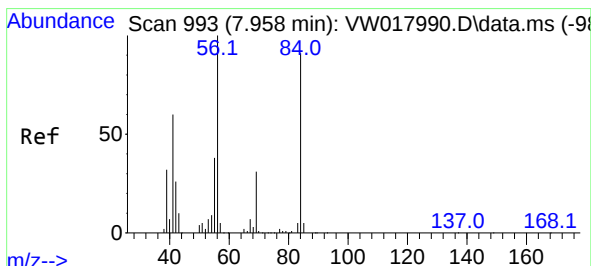
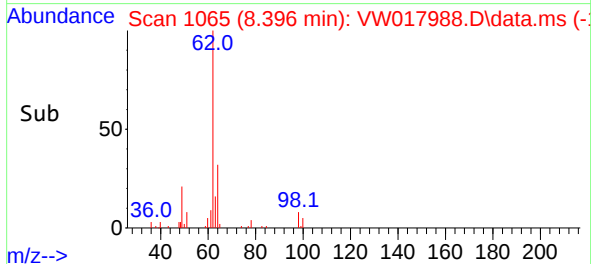
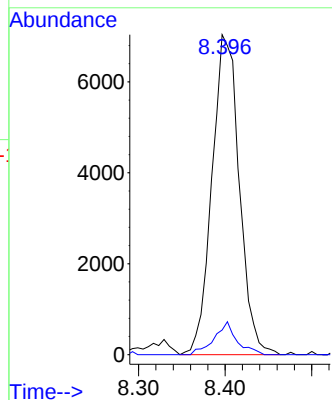
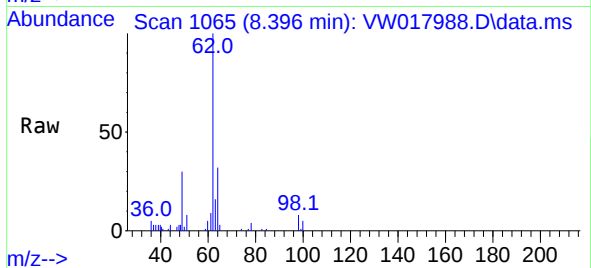




#27
1,2-Dichloroethane
Concen: 2.44 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW017988.D
Acq: 26 Jan 2021 13:50

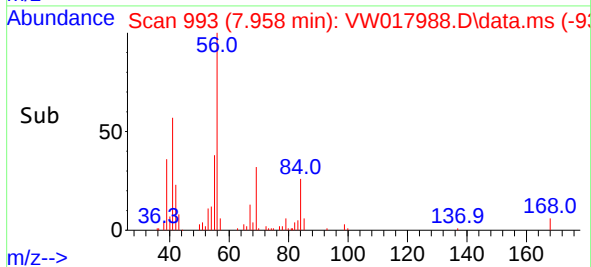
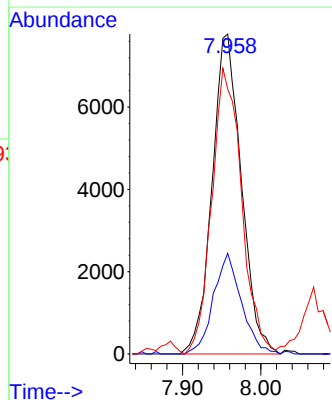
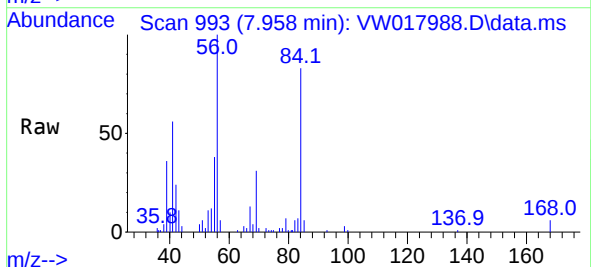
Instrument :
MSVOA_W
ClientSampled :

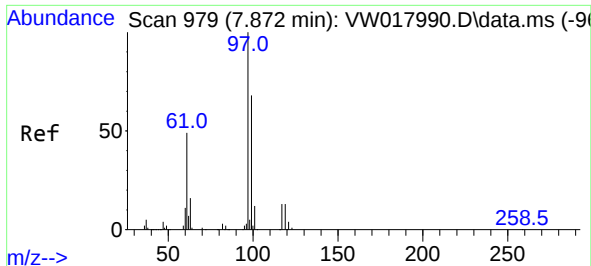
Tgt Ion: 62 Resp: 15436
Ion Ratio Lower Upper
62 100
98 7.7 8.0 12.0#



#30
Cyclohexane
Concen: 2.58 ug/L
RT: 7.958 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW017988.D
Acq: 26 Jan 2021 13:50

Tgt Ion: 56 Resp: 20176
Ion Ratio Lower Upper
56 100
69 30.0 24.8 37.2
84 90.7 74.2 111.4

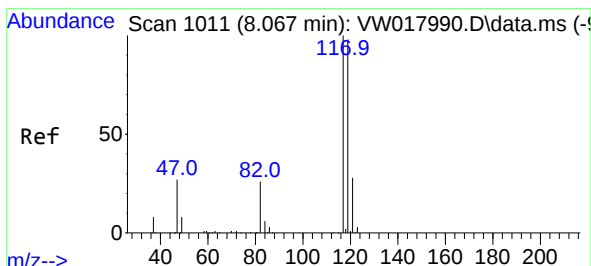
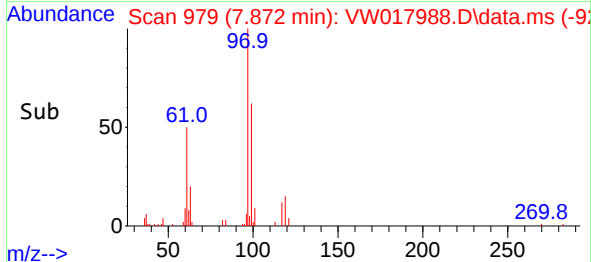
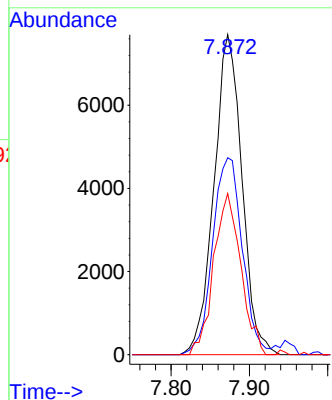
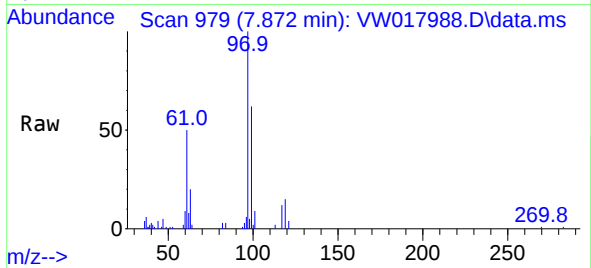




#31
1,1,1-Trichloroethane
Concen: 2.59 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW017988.D
Acq: 26 Jan 2021 13:50

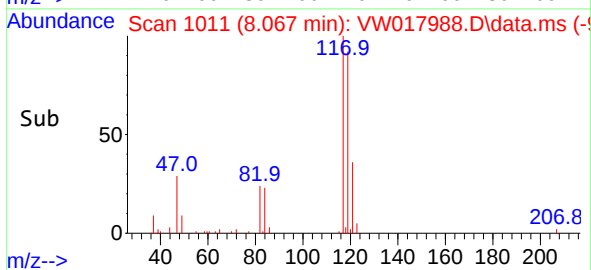
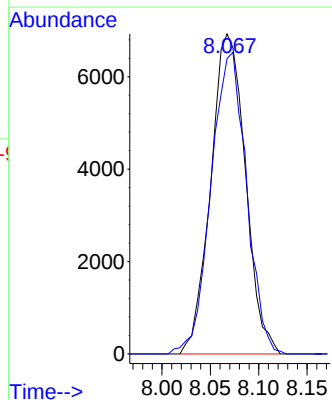
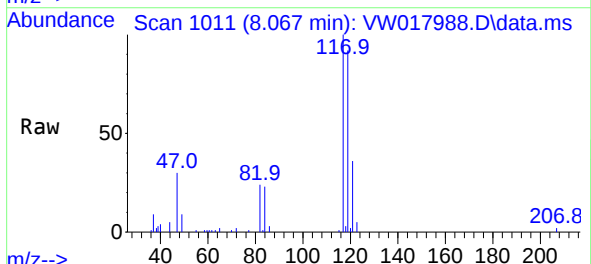
Instrument :
MSVOA_W
ClientSampled :

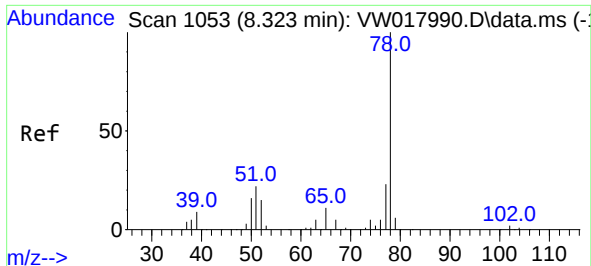
Tgt Ion:	97	Resp:	19126
Ion	Ratio	Lower	Upper
97	100		
99	65.4	51.0	76.4
61	48.8	33.6	50.4



#32
Carbon tetrachloride
Concen: 2.46 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW017988.D
Acq: 26 Jan 2021 13:50

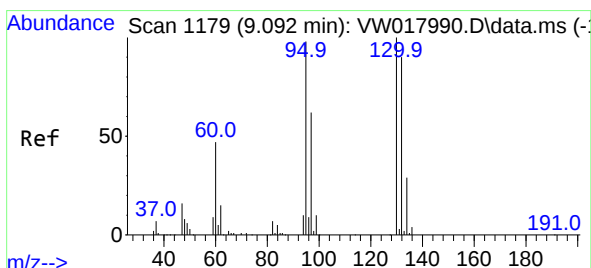
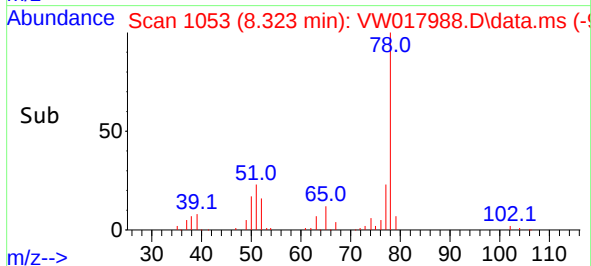
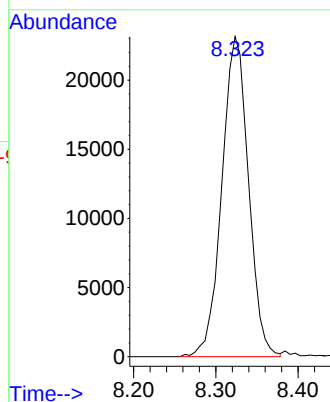
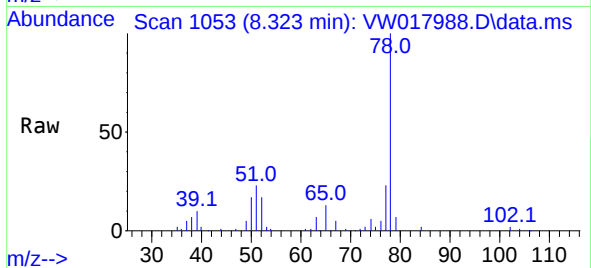
Tgt Ion:	117	Resp:	17281
Ion	Ratio	Lower	Upper
117	100		
119	96.1	75.8	113.8





#34
Benzene
Concen: 2.75 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW017988.D
Acq: 26 Jan 2021 13:50
Tgt Ion: 78 Resp: 52041

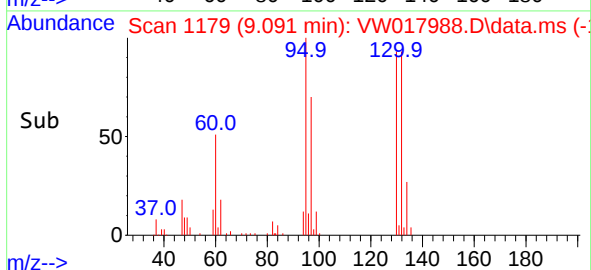
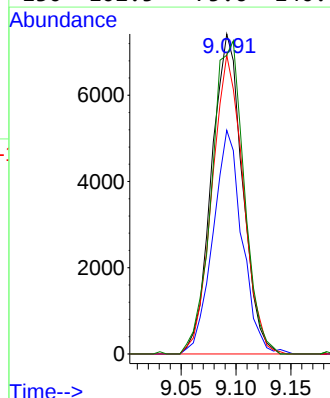
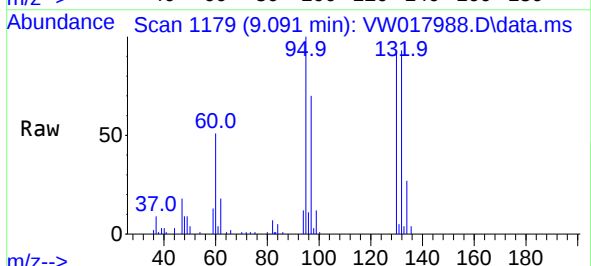
Instrument :
MSVOA_W
ClientSampled :

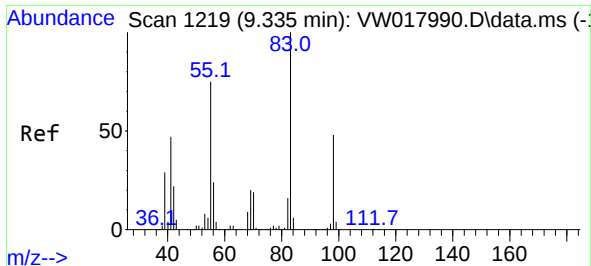


#35
Trichloroethene
Concen: 2.79 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW017988.D
Acq: 26 Jan 2021 13:50

Tgt Ion: 95 Resp: 14554

Ion	Ratio	Lower	Upper
95	100		
97	66.0	45.0	83.6
132	94.1	71.0	131.8
130	102.5	75.6	140.4

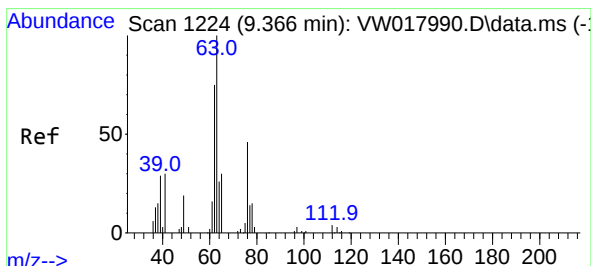
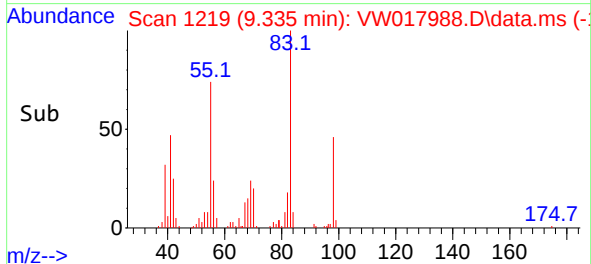
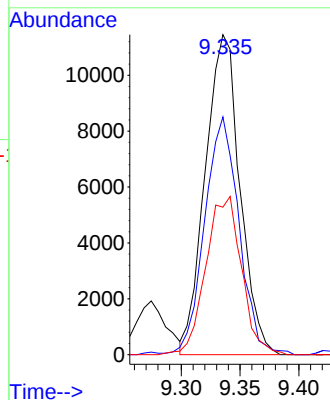
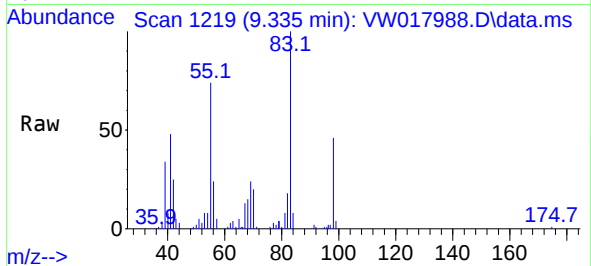




#36
Methylcyclohexane
Concen: 2.61 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW017988.D
Acq: 26 Jan 2021 13:50

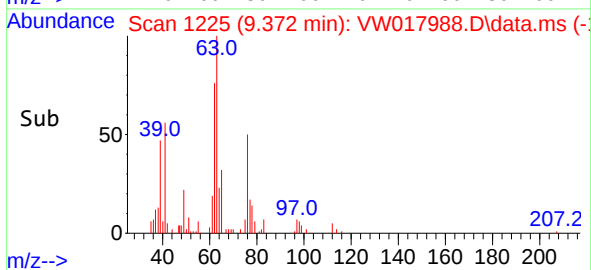
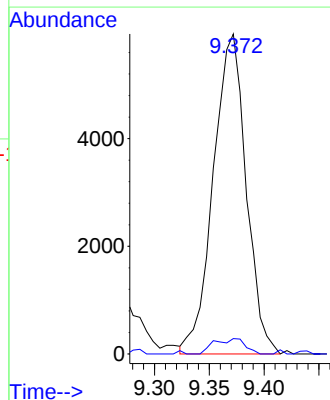
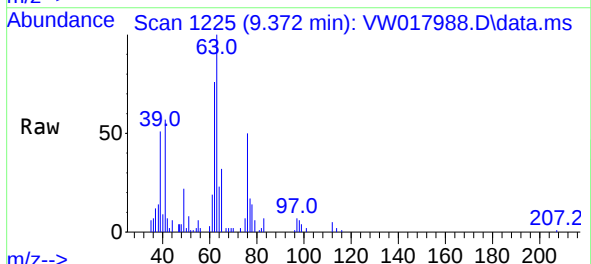
Instrument :
MSVOA_W
ClientSampleId :

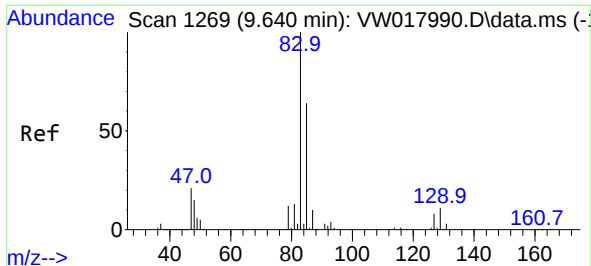
Tgt Ion: 83 Resp: 23569
Ion Ratio Lower Upper
83 100
55 73.5 59.4 89.0
98 50.8 40.7 61.1



#40
1,2-Dichloropropane
Concen: 2.70 ug/L
RT: 9.372 min Scan# 1225
Delta R.T. 0.006 min
Lab File: VW017988.D
Acq: 26 Jan 2021 13:50

Tgt Ion: 63 Resp: 12389
Ion Ratio Lower Upper
63 100
112 2.2 4.2 6.4#

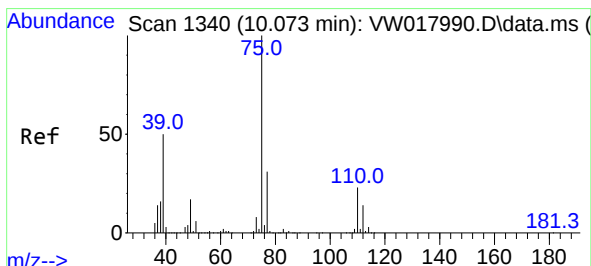
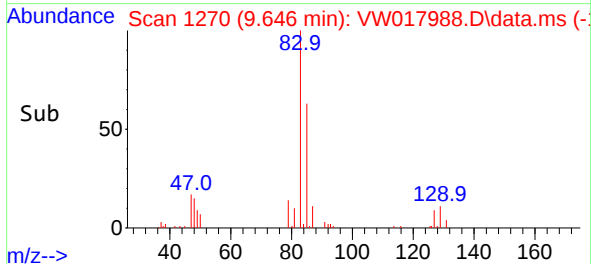
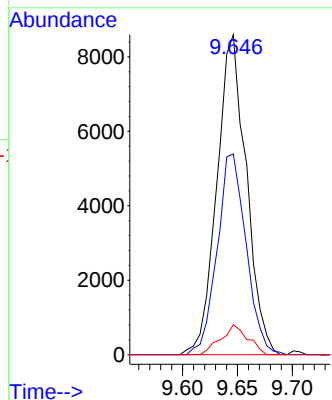
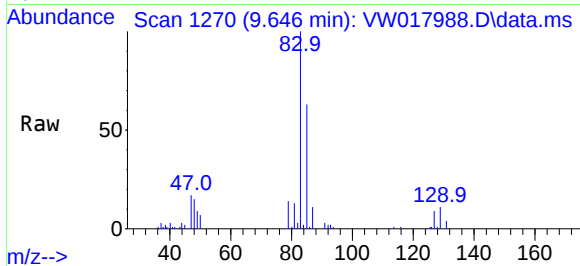




#41
Bromodichloromethane
Concen: 2.56 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.006 min
Lab File: VW017988.D
Acq: 26 Jan 2021 13:50

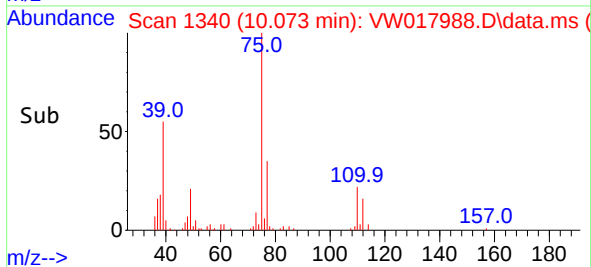
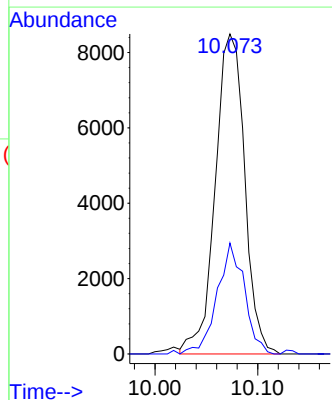
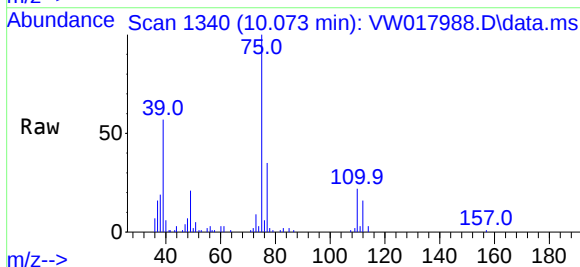
Instrument :
MSVOA_W
ClientSampled :

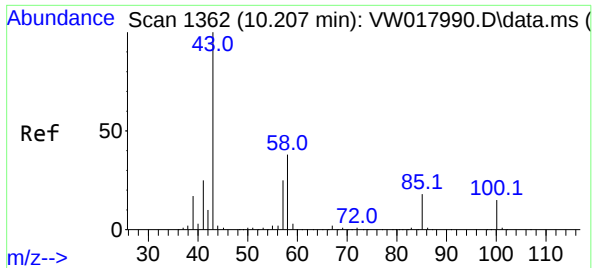
Tgt Ion:	83	Resp:	16068
Ion	Ratio	Lower	Upper
83	100		
85	62.7	46.8	86.8
127	9.4	7.6	11.4



#42
cis-1,3-Dichloropropene
Concen: 2.33 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW017988.D
Acq: 26 Jan 2021 13:50

Tgt Ion:	75	Resp:	16849
Ion	Ratio	Lower	Upper
75	100		
77	34.7	22.7	42.3

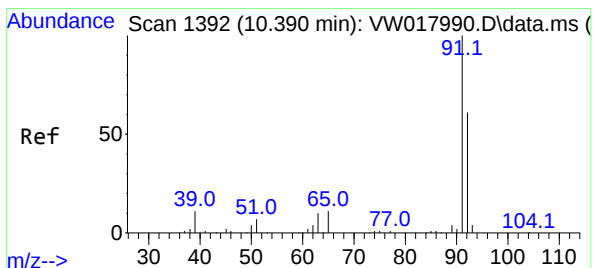
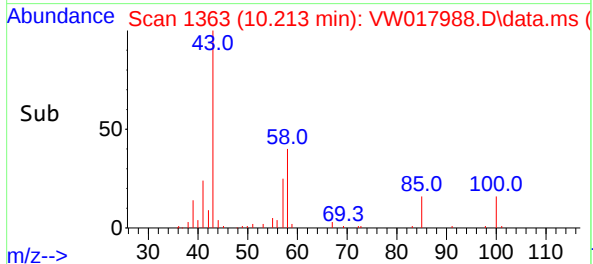
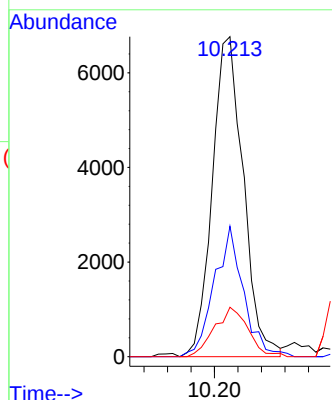
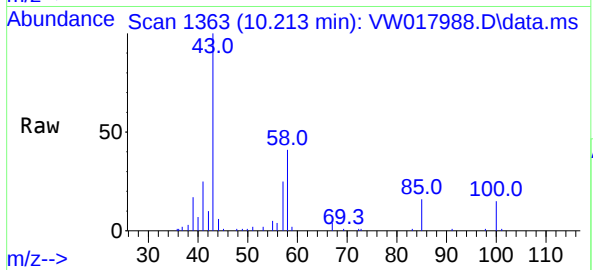




#43
4-Methyl-2-pentanone
Concen: 4.29 ug/L
RT: 10.213 min Scan# 1363
Delta R.T. 0.006 min
Lab File: VW017988.D
Acq: 26 Jan 2021 13:50

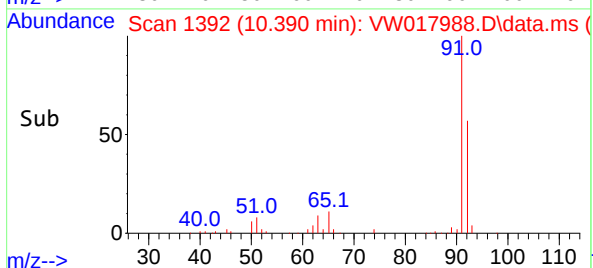
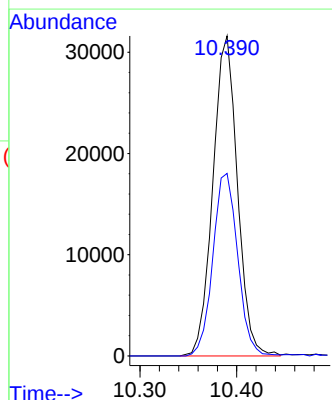
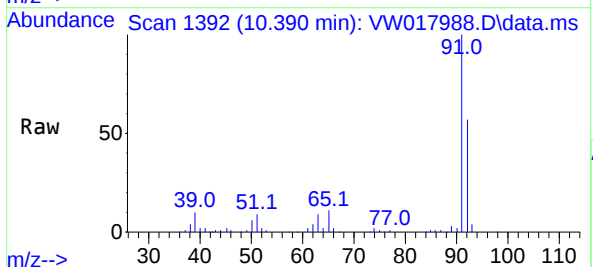
Instrument :
MSVOA_W
ClientSampled :

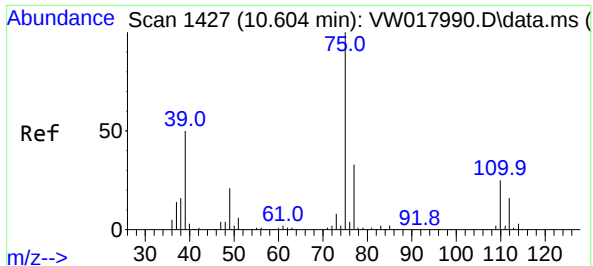
Tgt Ion:	43	Resp:	12385
Ion Ratio	Lower	Upper	
43	100		
58	37.8	31.6	47.4
100	16.6	14.1	21.1



#44
Toluene
Concen: 2.66 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW017988.D
Acq: 26 Jan 2021 13:50

Tgt Ion:	91	Resp:	55670
Ion Ratio	Lower	Upper	
91	100		
92	57.1	41.6	77.3

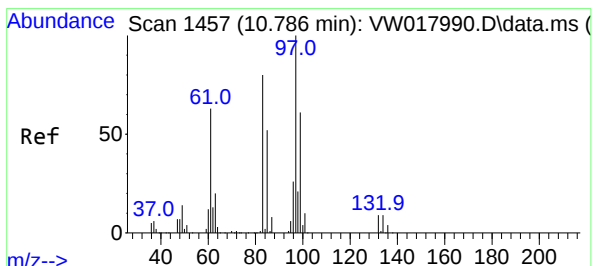
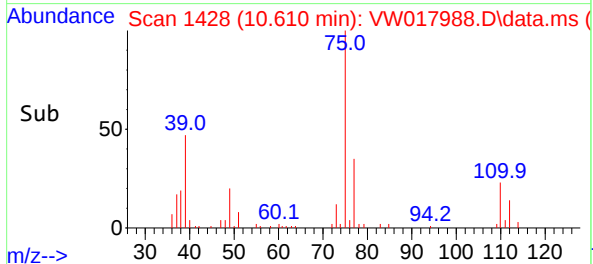
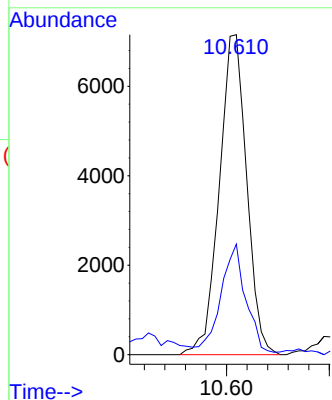
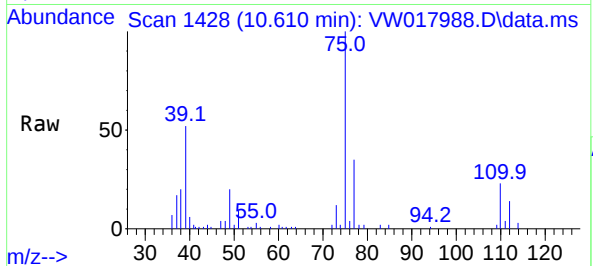




#45
trans-1,3-Dichloropropene
Concen: 2.13 ug/L
RT: 10.610 min Scan# 1428
Delta R.T. 0.006 min
Lab File: VW017988.D
Acq: 26 Jan 2021 13:50

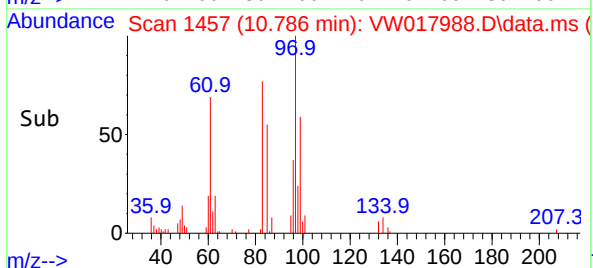
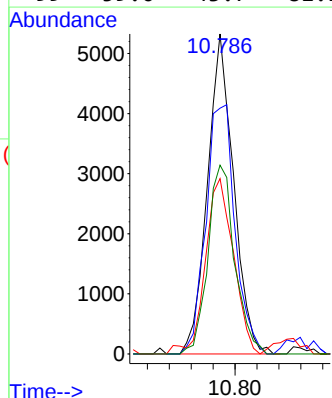
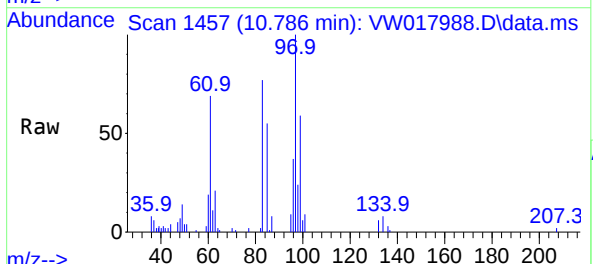
Instrument :
MSVOA_W
ClientSampled :

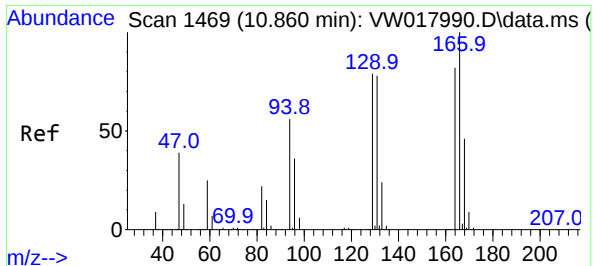
Tgt Ion: 75 Resp: 13235
Ion Ratio Lower Upper
75 100
77 34.6 22.6 42.0



#46
1,1,2-Trichloroethane
Concen: 2.44 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW017988.D
Acq: 26 Jan 2021 13:50

Tgt Ion: 97 Resp: 8820
Ion Ratio Lower Upper
97 100
83 76.8 58.5 108.7
85 54.8 37.8 70.2
99 59.0 43.7 81.1





#47

Tetrachloroethene

Concen: 2.84 ug/L

RT: 10.866 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VW017988.D

Acq: 26 Jan 2021 13:50

Tgt Ion:164 Resp: 11629

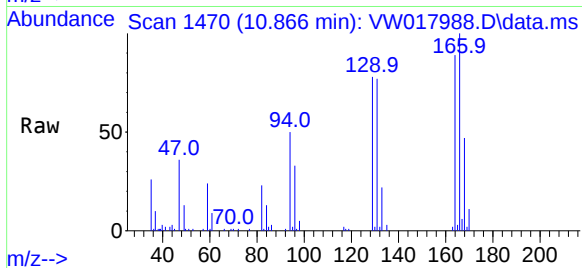
Ion Ratio Lower Upper

164 100

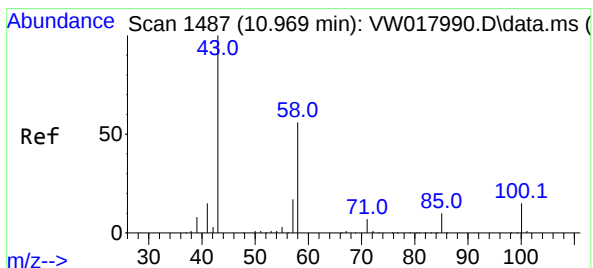
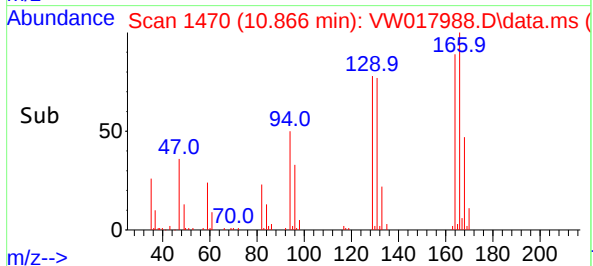
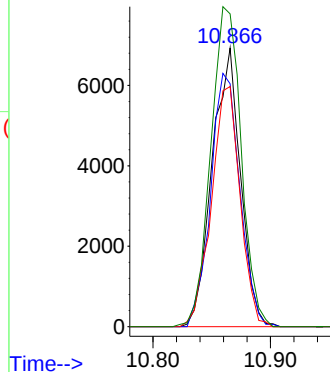
129 87.1 67.6 125.6

131 86.2 65.2 121.2

166 112.3 93.2 173.2



Abundance



#49

2-Hexanone

Concen: 4.20 ug/L

RT: 10.969 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VW017988.D

Acq: 26 Jan 2021 13:50

Tgt Ion: 43 Resp: 8220

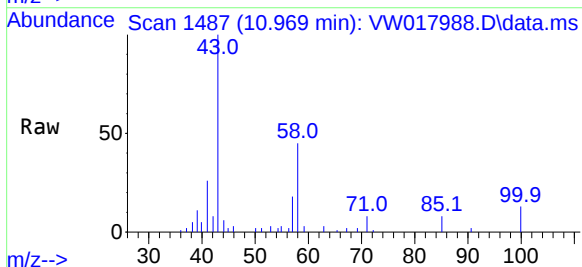
Ion Ratio Lower Upper

43 100

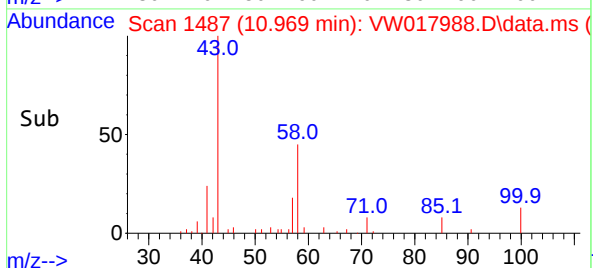
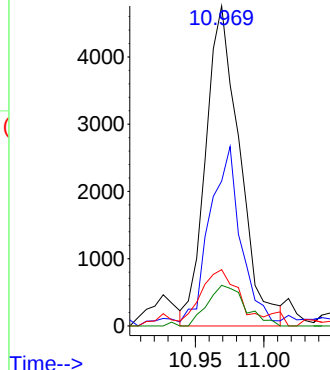
58 51.9 51.3 76.9

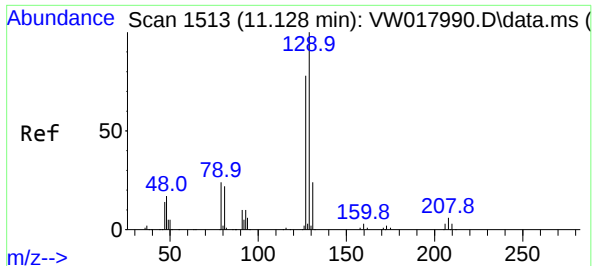
57 16.8 15.0 22.6

100 14.0 12.2 18.2



Abundance





#50

Dibromochloromethane

Concen: 2.35 ug/L

RT: 11.128 min Scan# 1513

Delta R.T. -0.000 min

Lab File: VW017988.D

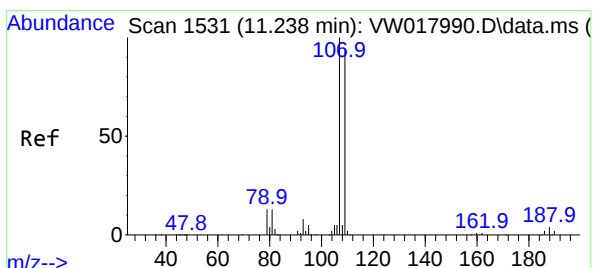
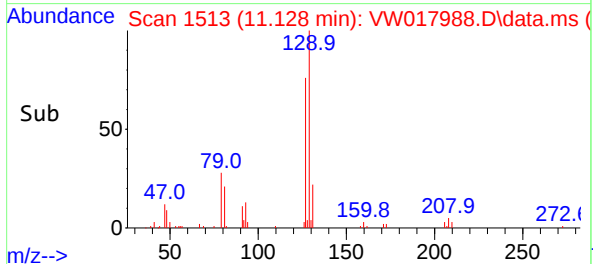
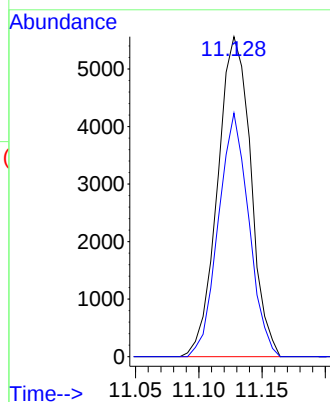
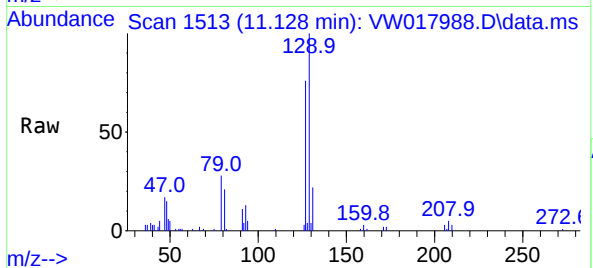
Acq: 26 Jan 2021 13:50

Tgt Ion:129 Resp: 10151

Ion Ratio Lower Upper

129 100

127 76.1 53.2 98.8



#51

1,2-Dibromoethane

Concen: 2.34 ug/L

RT: 11.231 min Scan# 1530

Delta R.T. -0.006 min

Lab File: VW017988.D

Acq: 26 Jan 2021 13:50

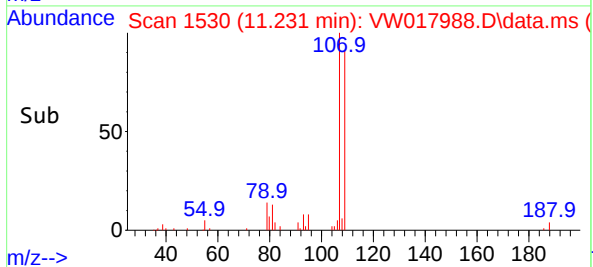
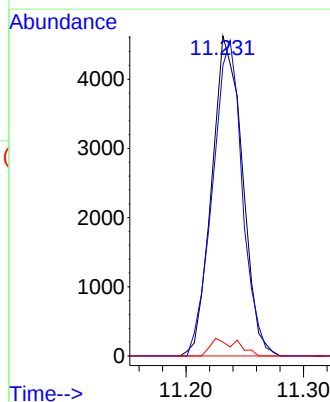
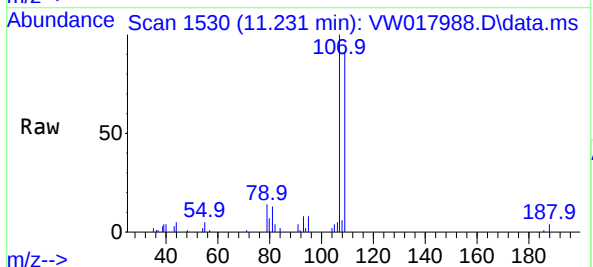
Tgt Ion:107 Resp: 8371

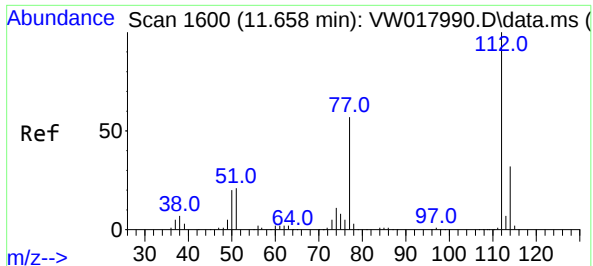
Ion Ratio Lower Upper

107 100

109 90.8 66.4 123.2

188 4.4 4.0 6.0

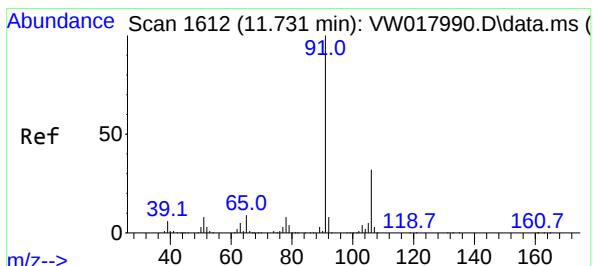
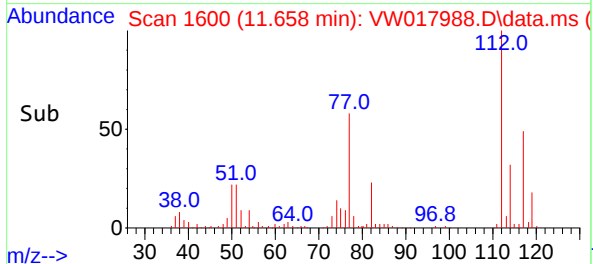
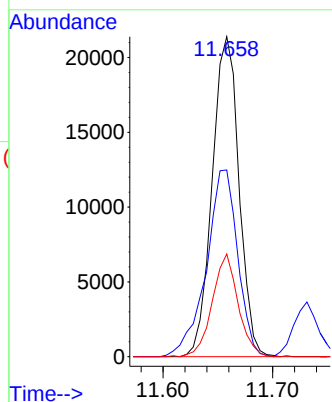
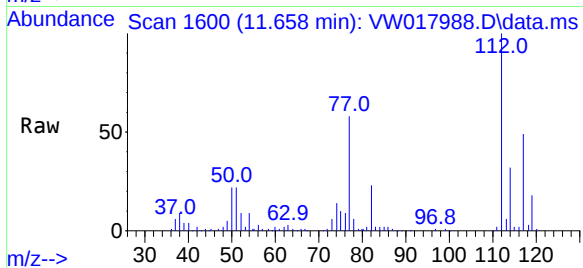




#52
Chlorobenzene
Concen: 2.69 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW017988.D
Acq: 26 Jan 2021 13:50

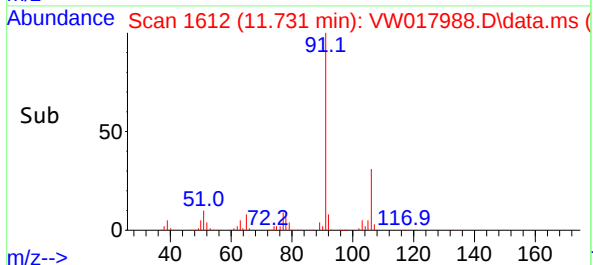
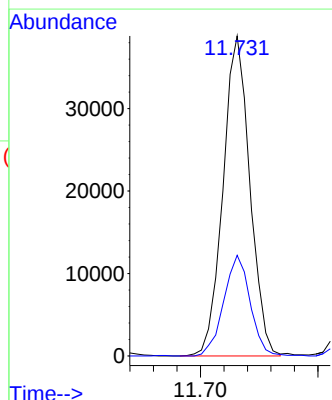
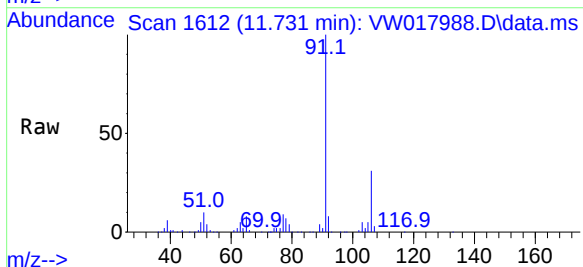
Instrument :
MSVOA_W
ClientSampleId :

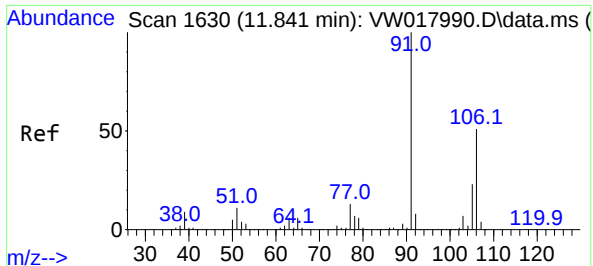
Tgt Ion:112 Resp: 36347
Ion Ratio Lower Upper
112 100
77 58.4 42.6 64.0
114 32.1 21.6 40.2



#53
Ethylbenzene
Concen: 2.61 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW017988.D
Acq: 26 Jan 2021 13:50

Tgt Ion: 91 Resp: 61580
Ion Ratio Lower Upper
91 100
106 31.5 21.1 39.1

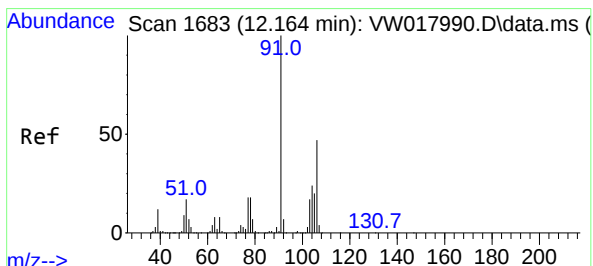
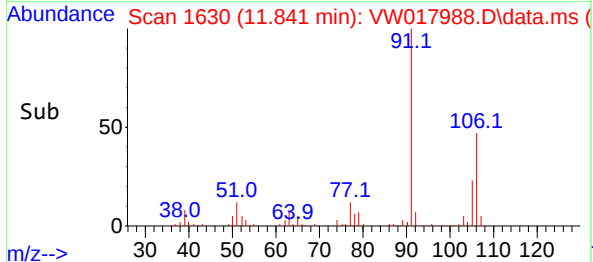
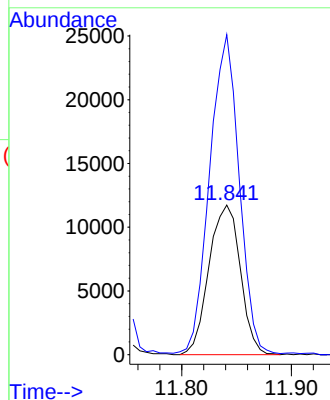
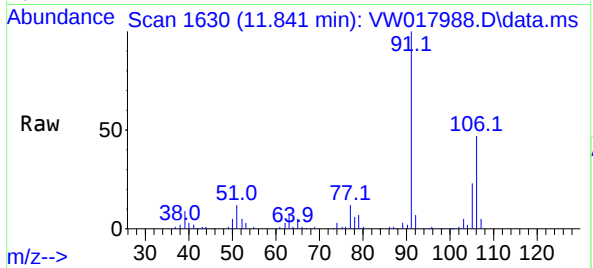




#54
m,p-Xylene
Concen: 2.54 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW017988.D
Acq: 26 Jan 2021 13:50

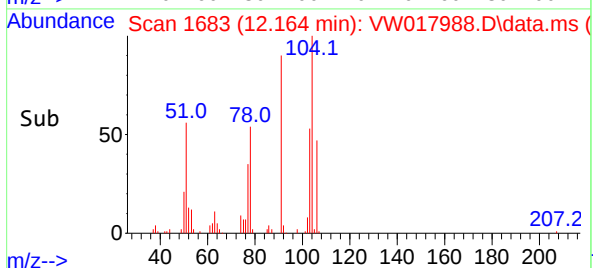
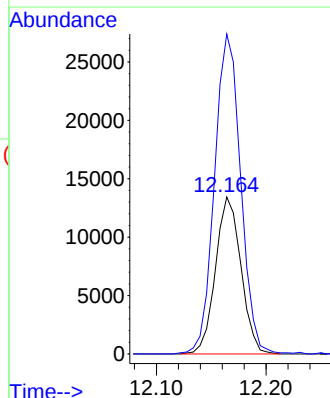
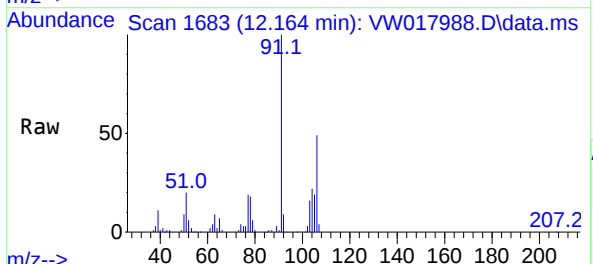
Instrument :
MSVOA_W
ClientSampled :

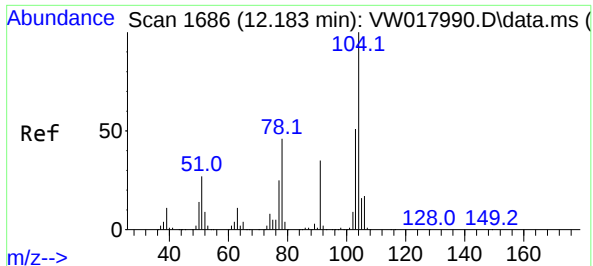
Tgt Ion:106 Resp: 23355
Ion Ratio Lower Upper
106 100
91 213.9 136.4 253.4



#55
o-xylene
Concen: 2.56 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW017988.D
Acq: 26 Jan 2021 13:50

Tgt Ion:106 Resp: 21690
Ion Ratio Lower Upper
106 100
91 203.9 147.6 274.2

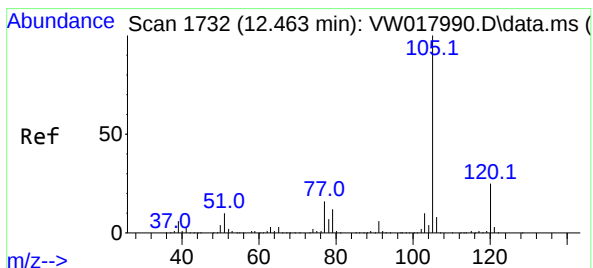
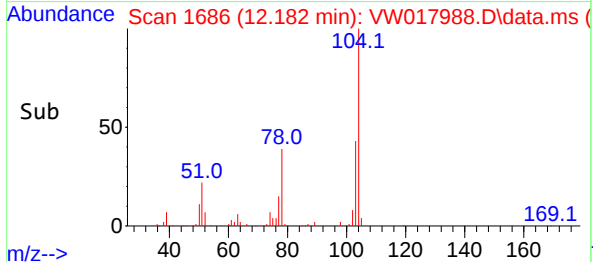
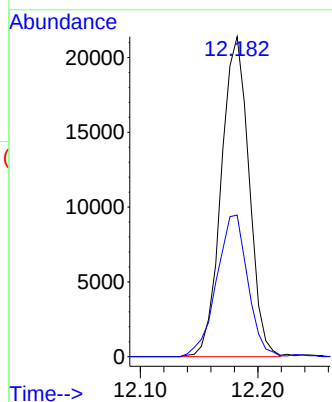
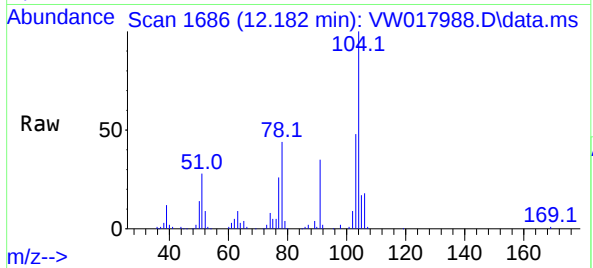




#56
Styrene
Concen: 2.44 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW017988.D
Acq: 26 Jan 2021 13:50

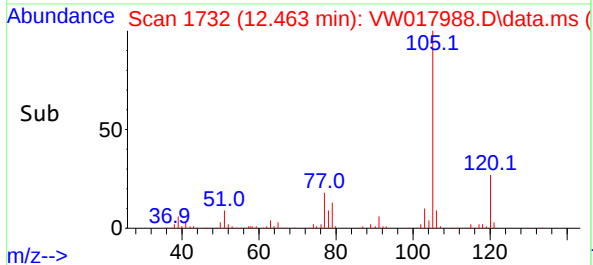
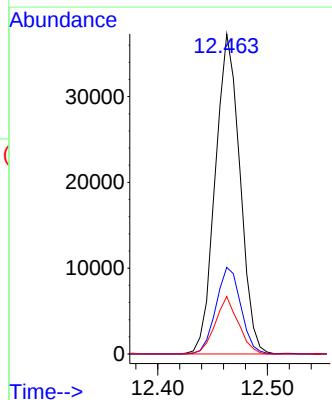
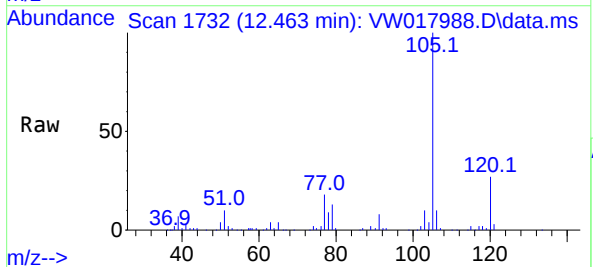
Instrument :
MSVOA_W
ClientSampled :

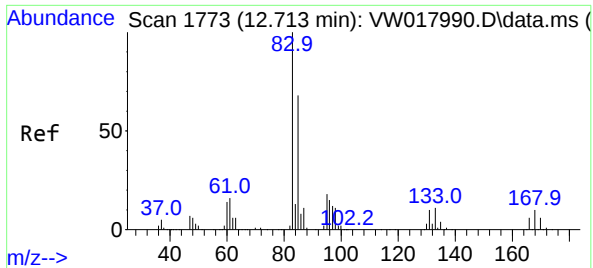
Tgt Ion:104 Resp: 35098
Ion Ratio Lower Upper
104 100
78 44.2 31.3 58.1



#57
Isopropylbenzene
Concen: 2.47 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW017988.D
Acq: 26 Jan 2021 13:50

Tgt Ion:105 Resp: 58411
Ion Ratio Lower Upper
105 100
120 27.2 21.4 32.2
77 16.8 12.1 18.1

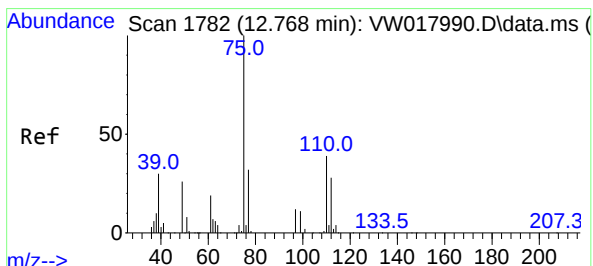
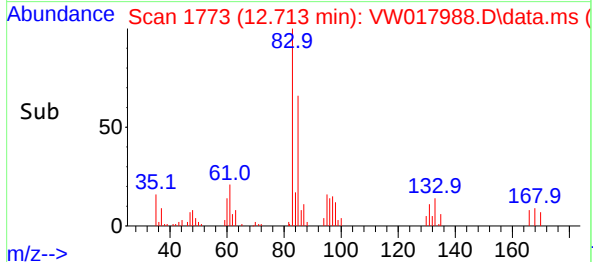
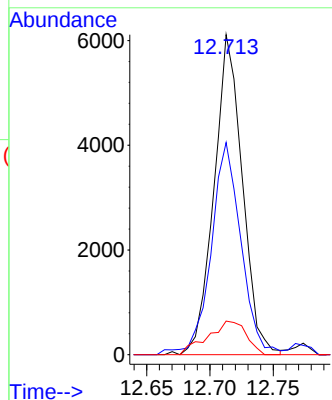
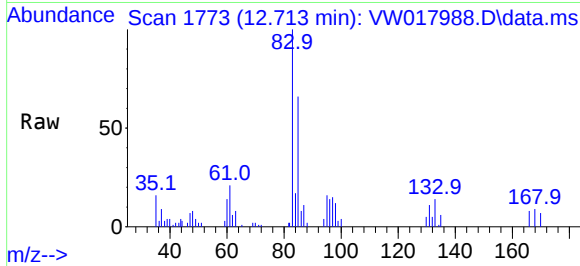




#58
1,1,2,2-Tetrachloroethane
Concen: 2.19 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW017988.D
Acq: 26 Jan 2021 13:50

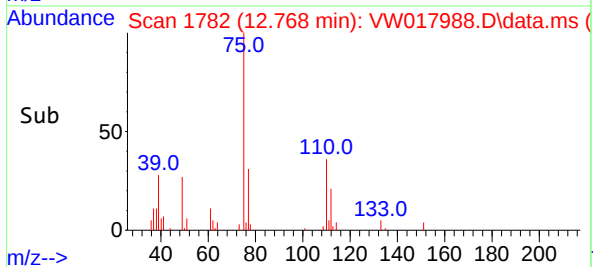
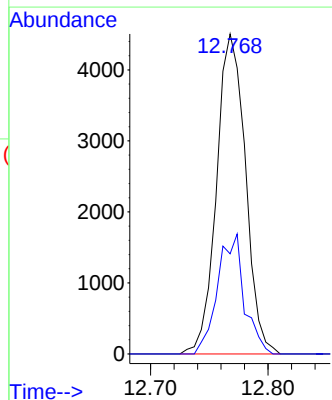
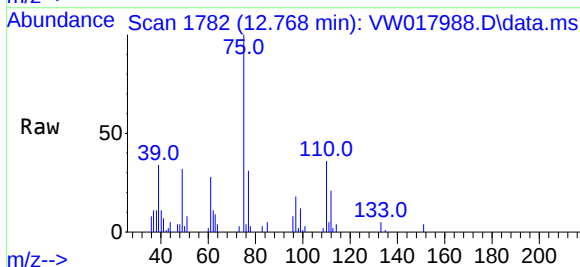
Instrument :
MSVOA_W
ClientSampleId :

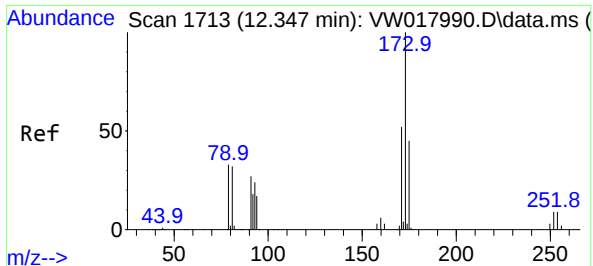
Tgt Ion:	83	Resp:	9509
Ion	Ratio	Lower	Upper
83	100		
85	66.3	45.3	84.1
131	10.5	8.3	12.5



#59
1,2,3-Trichloropropane
Concen: 2.35 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW017988.D
Acq: 26 Jan 2021 13:50

Tgt Ion:	75	Resp:	7703
Ion	Ratio	Lower	Upper
75	100		
77	34.6	26.6	39.8

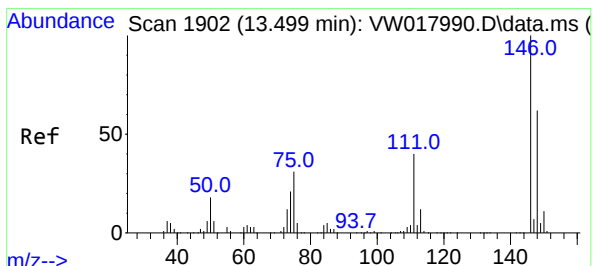
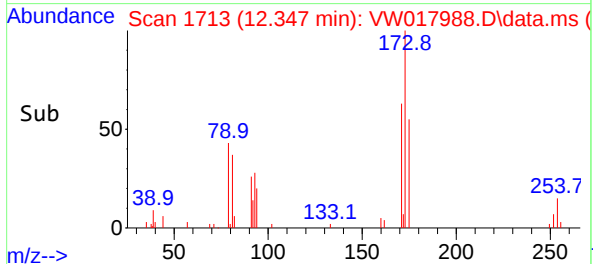
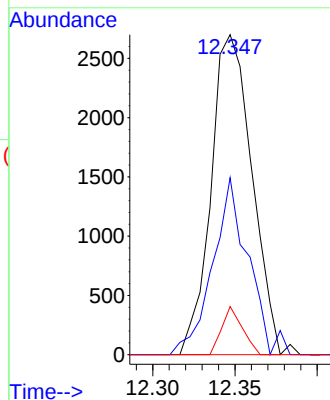
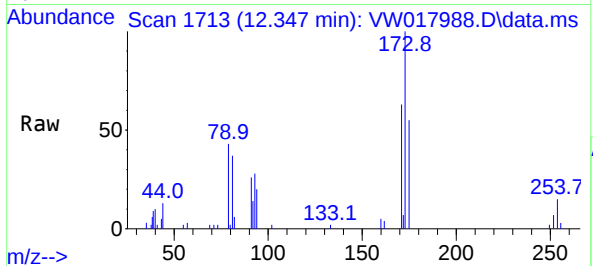




#62
Bromoform
Concen: 2.15 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.000 min
Lab File: VW017988.D
Acq: 26 Jan 2021 13:50

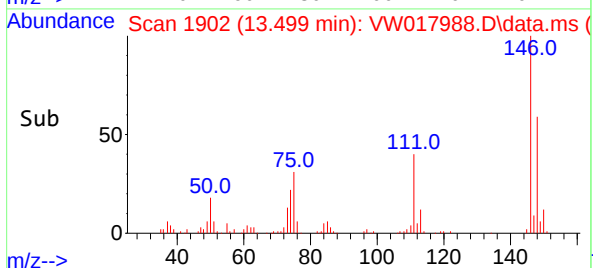
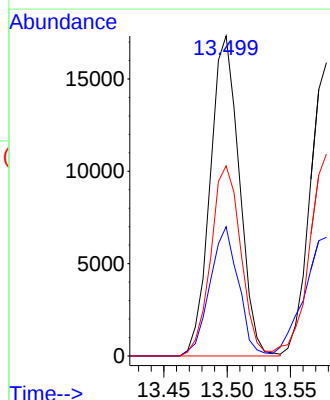
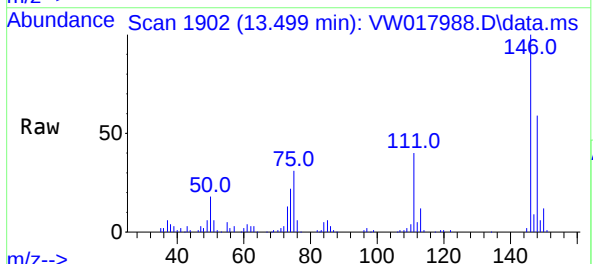
Instrument :
MSVOA_W
ClientSampled :

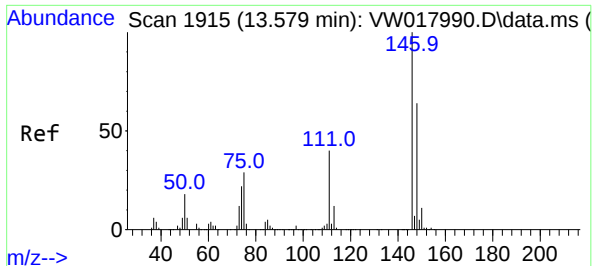
Tgt Ion:	173	Resp:	4672
Ion Ratio	Lower	Upper	
173	100		
175	46.5	39.1	58.7
254	7.6	7.1	10.7



#63
1,3-Dichlorobenzene
Concen: 2.81 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW017988.D
Acq: 26 Jan 2021 13:50

Tgt Ion:	146	Resp:	27747
Ion Ratio	Lower	Upper	
146	100		
111	40.4	28.5	52.9
148	59.4	47.8	88.8

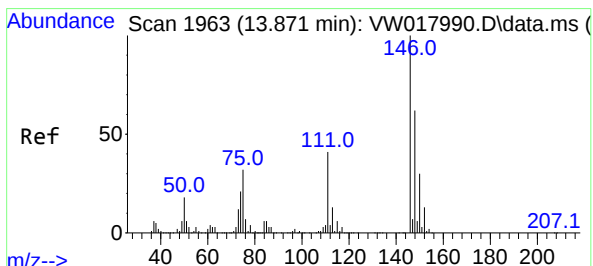
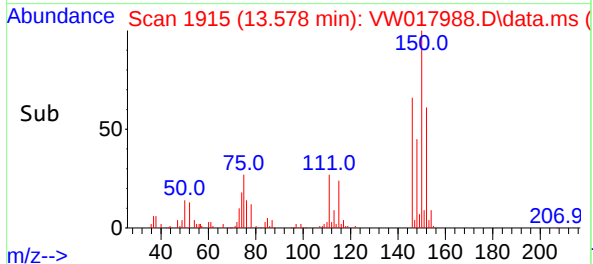
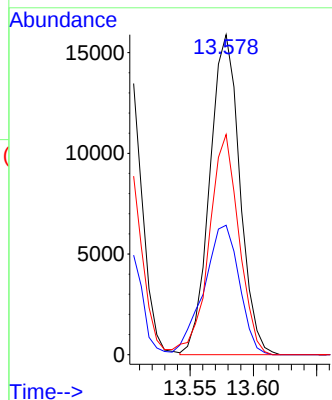
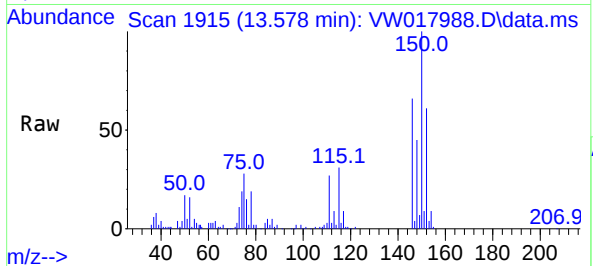




#64
1,4-Dichlorobenzene
Concen: 2.64 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW017988.D
Acq: 26 Jan 2021 13:50

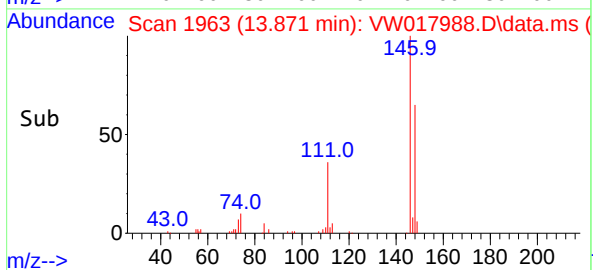
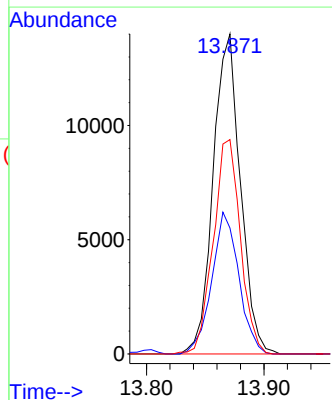
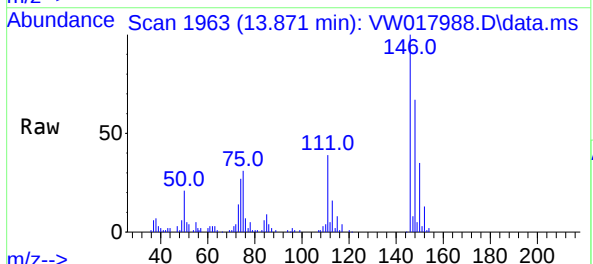
Instrument :
MSVOA_W
ClientSampleId :

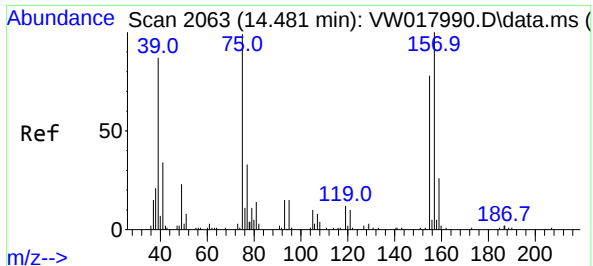
Tgt Ion:146 Resp: 26220
Ion Ratio Lower Upper
146 100
111 40.5 27.7 51.5
148 68.8 47.0 87.2



#65
1,2-Dichlorobenzene
Concen: 2.55 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VW017988.D
Acq: 26 Jan 2021 13:50

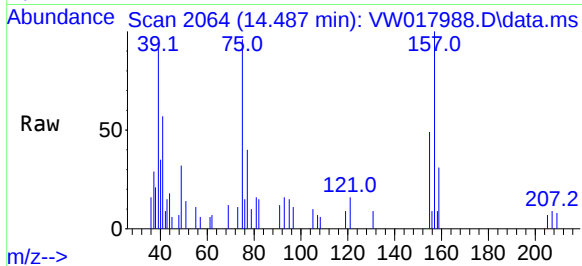
Tgt Ion:146 Resp: 22541
Ion Ratio Lower Upper
146 100
111 39.4 31.7 47.5
148 67.0 49.3 73.9



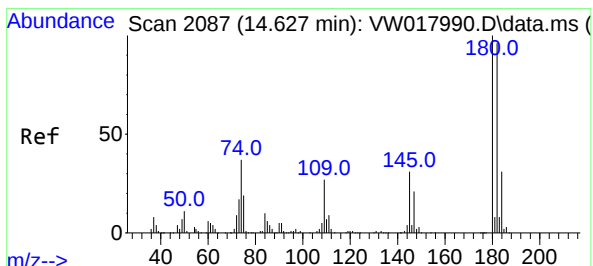
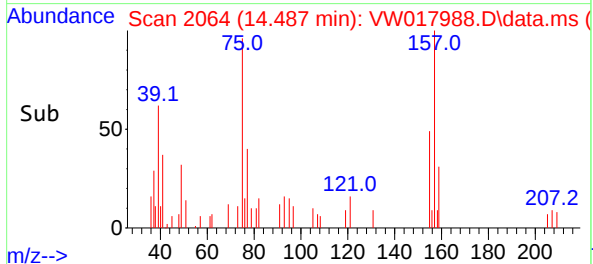
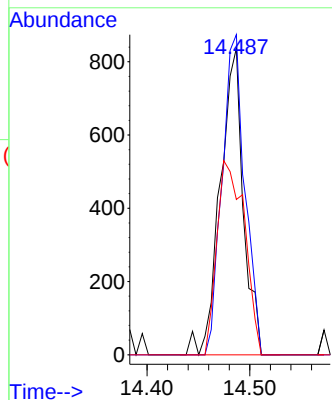


#66
1,2-Dibromo-3-chloropropane
Concen: 1.89 ug/L
RT: 14.487 min Scan# 2064
Delta R.T. 0.006 min
Lab File: VW017988.D
Acq: 26 Jan 2021 13:50

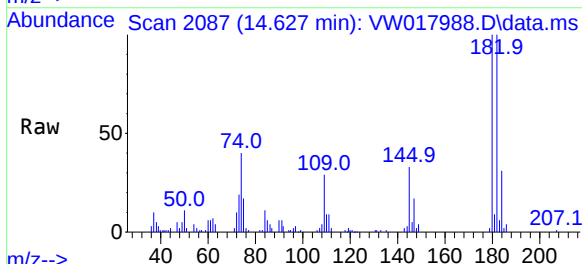
Instrument :
MSVOA_W
ClientSampled :



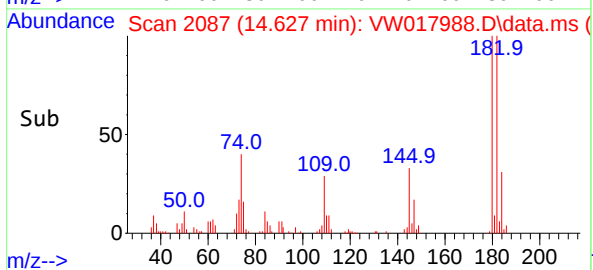
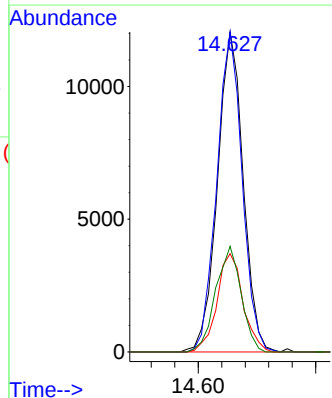
Tgt Ion: 75 Resp: 1307
Ion Ratio Lower Upper
75 100
157 104.4 99.9 149.9
155 50.7 71.4 107.0#

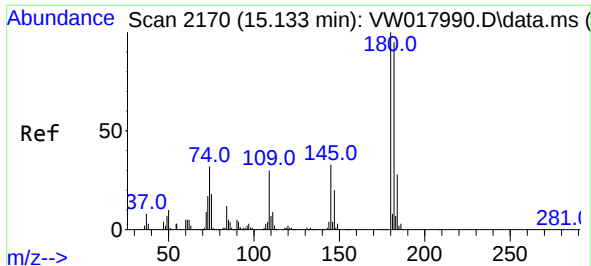


#67
1,3,5-Trichlorobenzene
Concen: 2.66 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW017988.D
Acq: 26 Jan 2021 13:50



Tgt Ion:180 Resp: 18313
Ion Ratio Lower Upper
180 100
182 98.7 77.0 115.6
184 31.1 24.2 36.4
145 32.8 23.5 35.3

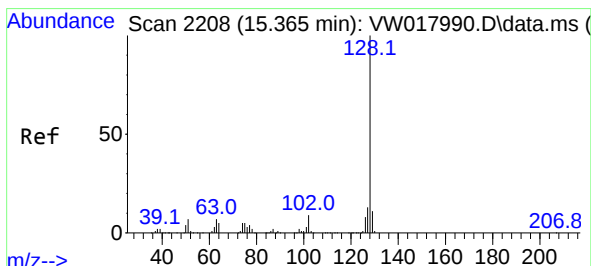
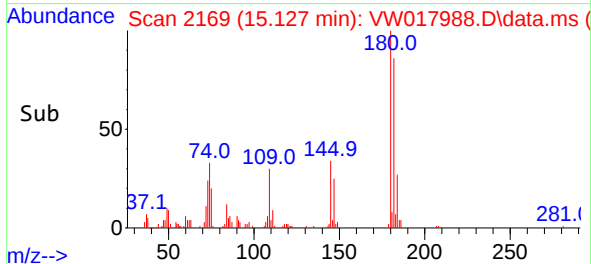
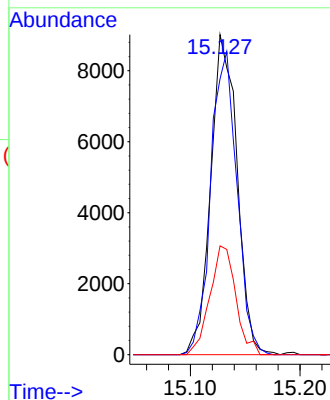
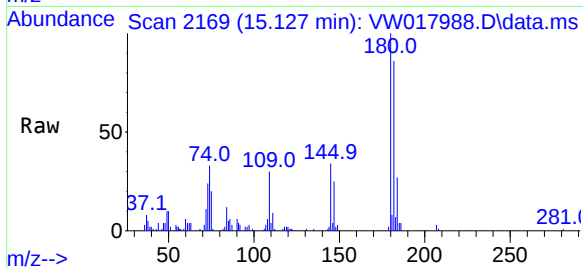




#68
1,2,4-trichlorobenzene
Concen: 2.56 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VW017988.D
Acq: 26 Jan 2021 13:50

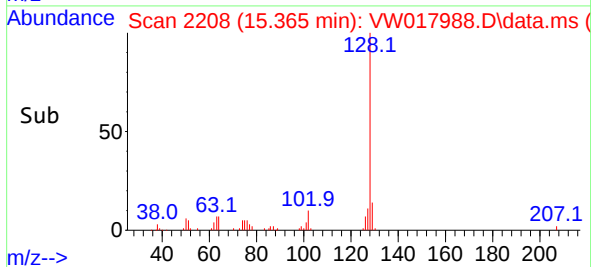
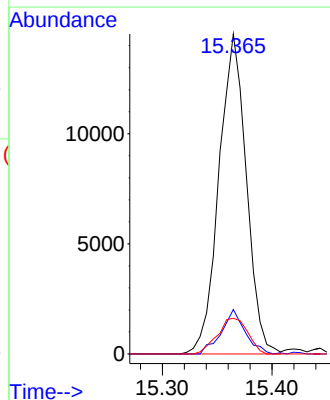
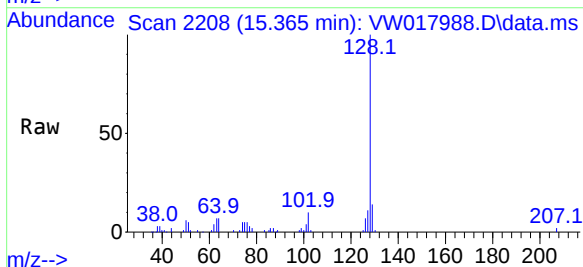
Instrument :
MSVOA_W
ClientSampled :

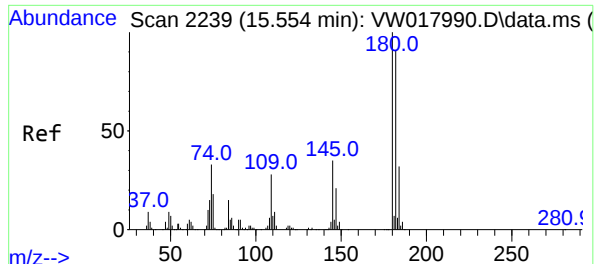
Tgt Ion:	180	Resp:	15051
Ion Ratio	Lower	Upper	
180	100		
182	94.2	71.3	106.9
145	33.5	24.0	36.0



#69
Naphthalene
Concen: 2.10 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW017988.D
Acq: 26 Jan 2021 13:50

Tgt Ion:	128	Resp:	25248
Ion Ratio	Lower	Upper	
128	100		
129	12.1	8.7	13.1
127	12.4	10.7	16.1





#70
1,2,3-Trichlorobenzene
Concen: 2.50 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW017988.D
Acq: 26 Jan 2021 13:50

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:180 Resp: 12695
Ion Ratio Lower Upper
180 100
182 90.6 74.7 112.1
145 38.1 25.4 38.0#

