

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012221\
 Data File : VW017980.D
 Acq On : 22 Jan 2021 15:57
 Operator : SY/VA
 Sample : VSTD10002
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100102

Quant Time: Jan 22 16:40:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM012221SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jan 22 15:59:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	391080	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	375442	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	190659	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	616733	92.47	ug/L	0.00
7) Chloroethane-d5	2.879	69	547375	94.60	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.025	63	1066813	95.18	ug/L	0.00
21) 2-Butanone-d5	7.074	46	297413	172.85	ug/L	0.00
24) Chloroform-d	7.647	84	1138227	101.50	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	630638	97.23	ug/L	0.00
32) Benzene-d6	8.274	84	2155243	97.49	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	630396	99.87	ug/L	0.00
41) Toluene-d8	10.323	98	2090287	98.88	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	308812	104.90	ug/L	0.00
47) 2-Hexanone-d5	10.926	63	221039	186.86	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.694	84	553678	91.12	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	700565	99.54	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	494893	103.68	ug/L	96
3) Chloromethane	2.215	50	468350	112.94	ug/L	98
5) Vinyl chloride	2.367	62	673279	98.79	ug/L	98
6) Bromomethane	2.769	94	627870	104.71	ug/L	100
8) Chloroethane	2.916	64	441656	98.77	ug/L	99
9) Trichlorofluoromethane	3.257	101	471108	102.10	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	531900	99.45	ug/L	98
12) 1,1-Dichloroethene	4.044	96	511129	101.47	ug/L	92
13) Acetone	4.123	43	177229	153.15	ug/L	94
14) Carbon disulfide	4.385	76	1535768	106.44	ug/L	99
15) Methyl Acetate	4.665	43	245486	97.31	ug/L	98
16) Methylene chloride	4.921	84	514749	81.79	ug/L	97
17) trans-1,2-Dichloroethene	5.421	96	558064	103.12	ug/L	97
18) Methyl tert-butyl Ether	5.427	73	641696	94.70	ug/L	99
19) 1,1-Dichloroethane	6.214	63	971734	102.15	ug/L	99
22) 2-Butanone	7.171	43	315065	163.49	ug/L	99
23) Bromochloromethane	7.512	128	273377	103.45	ug/L	94
25) Chloroform	7.677	83	1023667	101.05	ug/L	96
27) 1,2-Dichloroethane	8.396	62	702821	97.80	ug/L	99
29) Cyclohexane	7.957	56	865916	97.85	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	828273	95.33	ug/L	99
31) Carbon tetrachloride	8.067	117	810532	99.86	ug/L	100
33) Benzene	8.323	78	2177389	98.39	ug/L	100
34) Trichloroethene	9.091	95	586288	97.63	ug/L	95
35) Methylcyclohexane	9.335	83	997096	97.06	ug/L	99
37) 1,2-Dichloropropane	9.366	63	536192	100.66	ug/L	100
38) Bromodichloromethane	9.646	83	767905	102.38	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	904944	107.22	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	711503	185.59	ug/L	99
42) Toluene	10.390	91	2439165	98.20	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	816538	107.32	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	434573	96.95	ug/L	98

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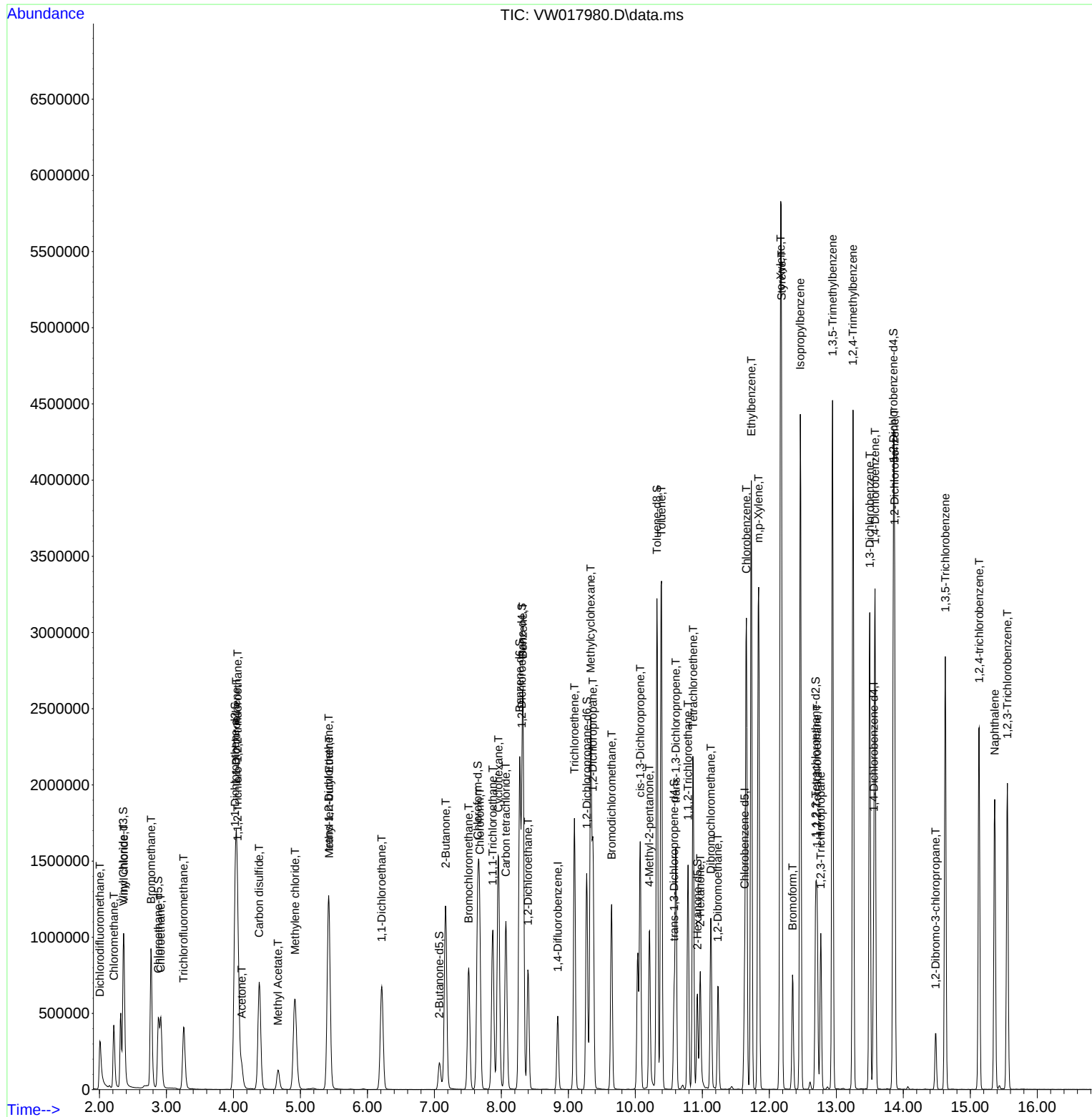
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Tetrachloroethene	10.866	164	462070	100.39	ug/L	96
48) 2-Hexanone	10.969	43	497794	185.81	ug/L	99
49) Dibromochloromethane	11.128	129	554247	107.92	ug/L	93
50) 1,2-Dibromoethane	11.231	107	437714	98.66	ug/L	99
51) Chlorobenzene	11.658	112	1590246	100.32	ug/L	96
52) Ethylbenzene	11.731	91	2748333	97.47	ug/L	99
53) m,p-Xylene	11.841	106	1065861	97.44	ug/L	97
54) o-Xylene	12.170	106	1026186	99.99	ug/L	92
55) Styrene	12.182	104	1801244	102.03	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.713	83	530874	91.45	ug/L	99
59) Bromoform	12.347	173	306701	108.56	ug/L	97
60) Isopropylbenzene	12.463	105	2778127	100.02	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	390306	92.31	ug/L	99
62) 1,3,5-Trimethylbenzene	12.944	105	2354319	106.55	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	2342902	104.66	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	1187401	99.50	ug/L	90
65) 1,4-Dichlorobenzene	13.578	146	1223750	102.88	ug/L	94
67) 1,2-Dichlorobenzene	13.871	146	1087076	100.98	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	91214	91.22	ug/L	89
69) 1,3,5-Trichlorobenzene	14.627	180	822645	102.38	ug/L	97
70) 1,2,4-trichlorobenzene	15.133	180	721027	104.29	ug/L	98
71) Naphthalene	15.365	128	1623393	101.27	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	628897	101.69	ug/L	96

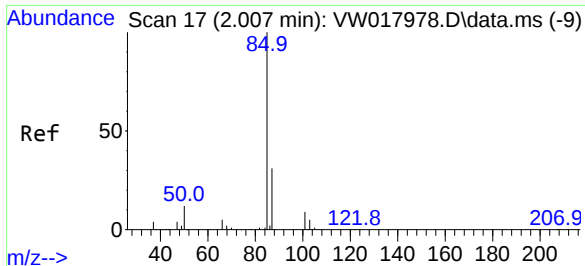
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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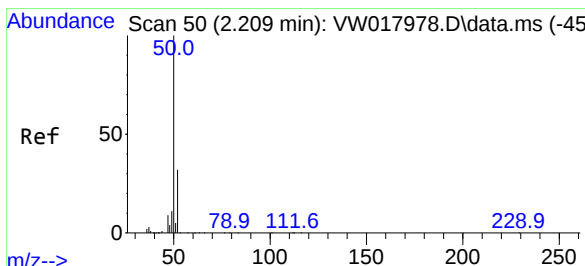
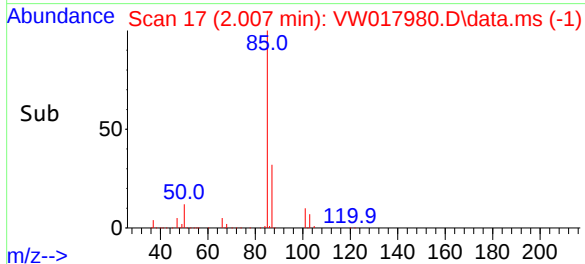
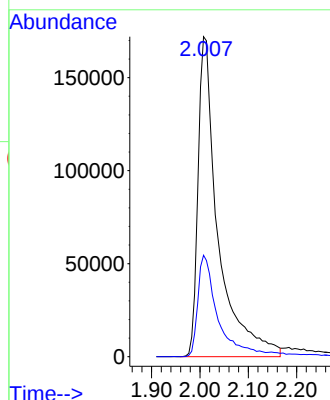
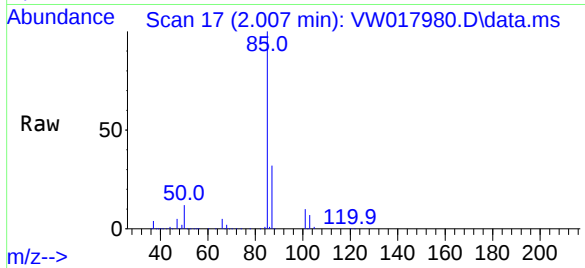




#2
Dichlorodifluoromethane
Concen: 103.68 ug/L
RT: 2.007 min Scan# 17
Delta R.T. -0.000 min
Lab File: VW017980.D
Acq: 22 Jan 2021 15:57

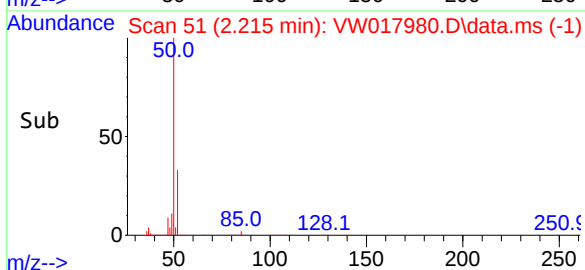
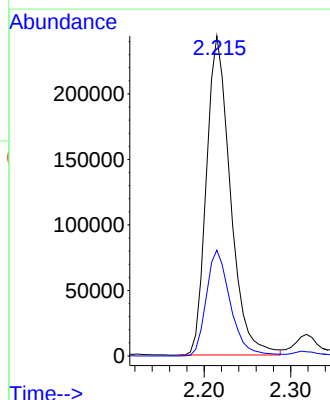
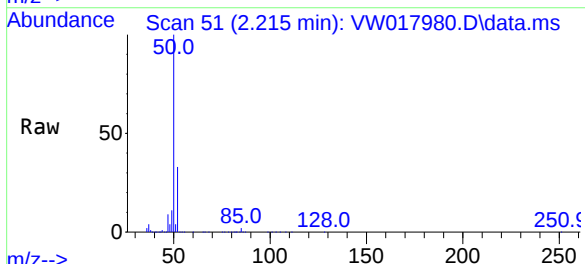
Instrument :
MSVOA_W
ClientSampleId :
VSTD100102

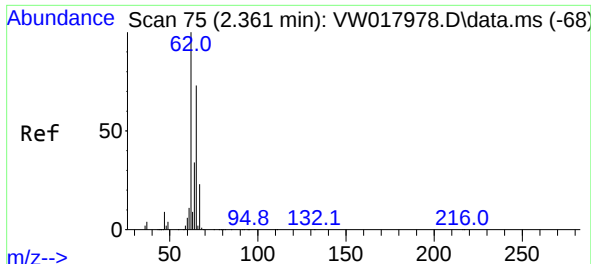
Tgt Ion: 85 Resp: 494893
Ion Ratio Lower Upper
85 100
87 31.4 23.3 34.9



#3
Chloromethane
Concen: 112.94 ug/L
RT: 2.215 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW017980.D
Acq: 22 Jan 2021 15:57

Tgt Ion: 50 Resp: 468350
Ion Ratio Lower Upper
50 100
52 33.1 22.5 41.9

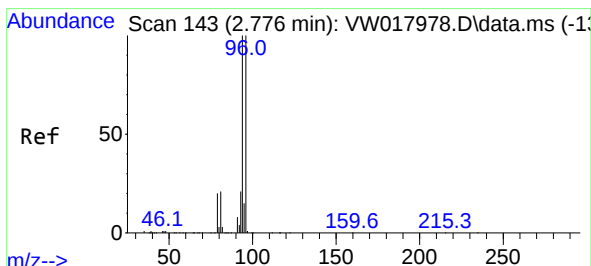
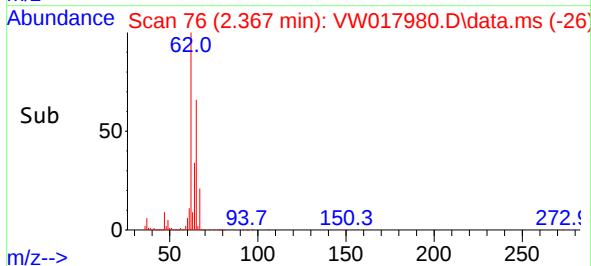
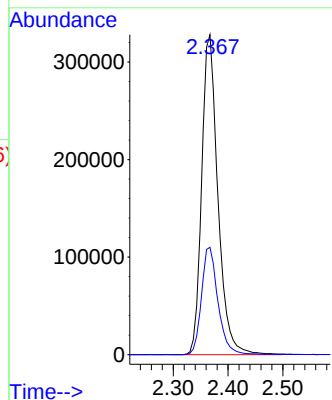
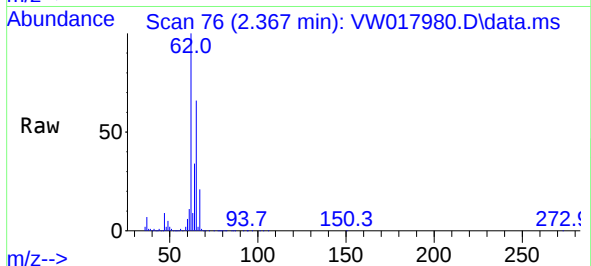




#5
 Vinyl chloride
 Concen: 98.79 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. 0.006 min
 Lab File: VW017980.D
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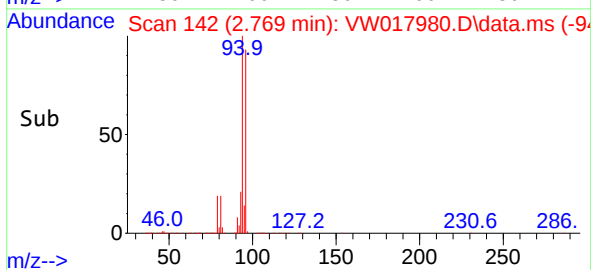
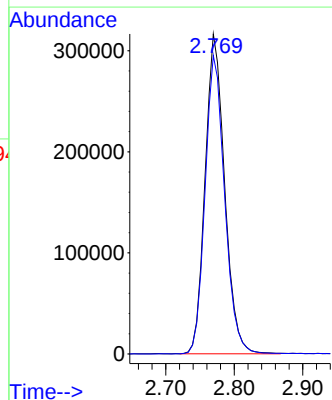
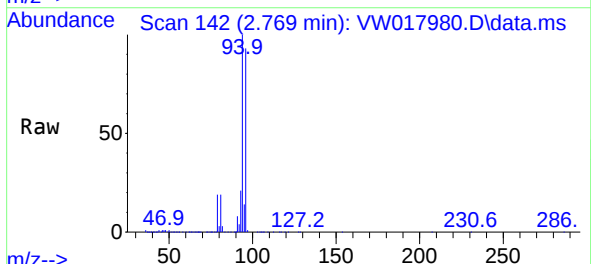
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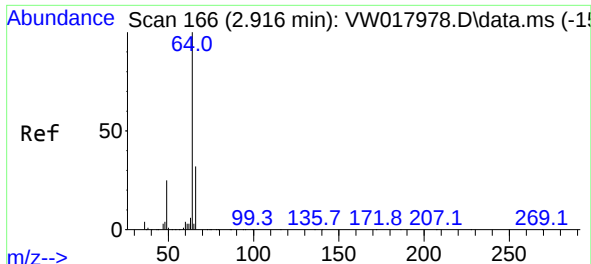
Tgt Ion: 62 Resp: 673279
 Ion Ratio Lower Upper
 62 100
 64 33.6 24.2 45.0



#6
 Bromomethane
 Concen: 104.71 ug/L
 RT: 2.769 min Scan# 142
 Delta R.T. -0.006 min
 Lab File: VW017980.D
 Acq: 22 Jan 2021 15:57

Tgt Ion: 94 Resp: 627870
 Ion Ratio Lower Upper
 94 100
 96 93.2 65.3 121.3

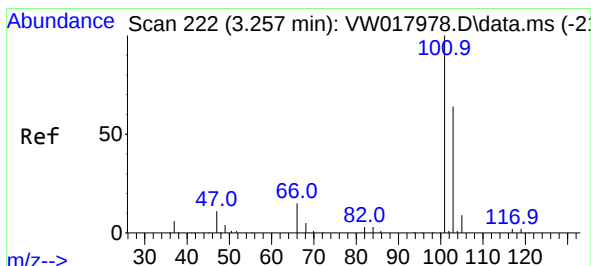
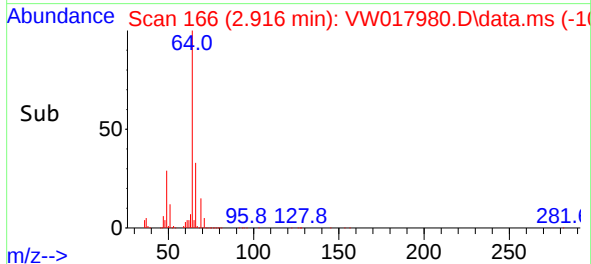
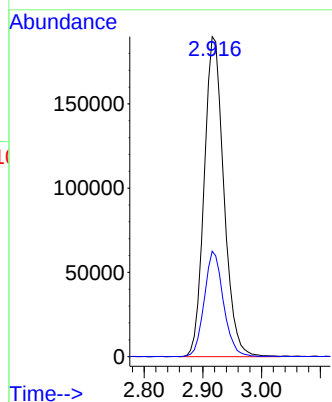
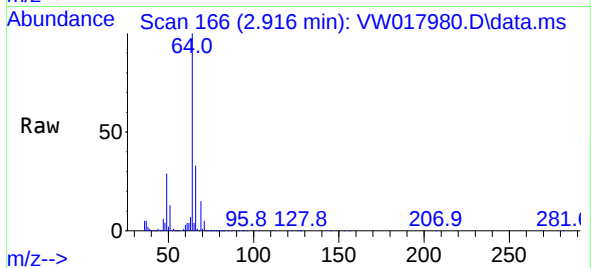




#8
Chloroethane
Concen: 98.77 ug/L
RT: 2.916 min Scan# 166
Delta R.T. -0.000 min
Lab File: VW017980.D
Acq: 22 Jan 2021 15:57

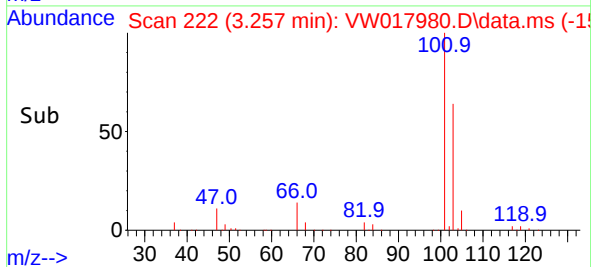
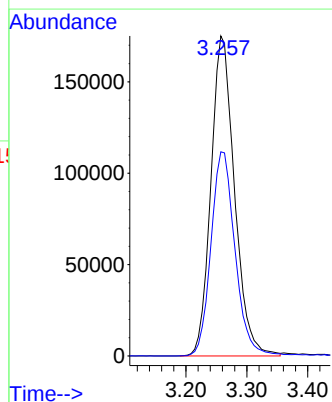
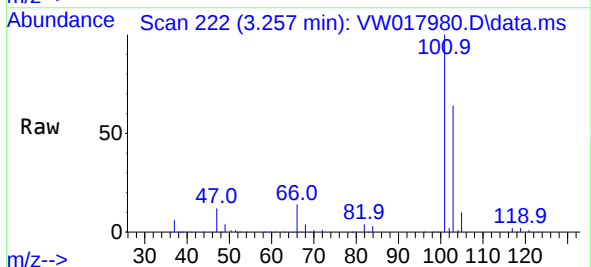
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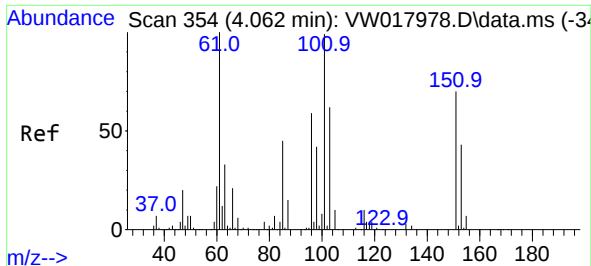
Tgt Ion: 64 Resp: 441656
Ion Ratio Lower Upper
64 100
66 32.9 23.4 43.6



#9
Trichlorofluoromethane
Concen: 102.10 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.000 min
Lab File: VW017980.D
Acq: 22 Jan 2021 15:57

Tgt Ion:101 Resp: 471108
Ion Ratio Lower Upper
101 100
103 65.1 51.0 76.4

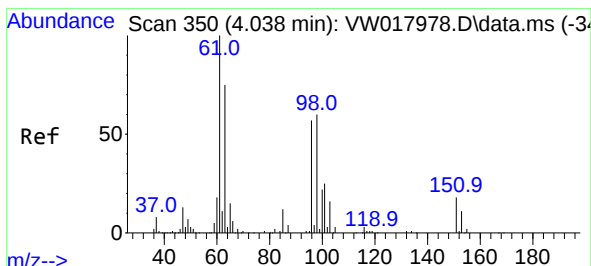
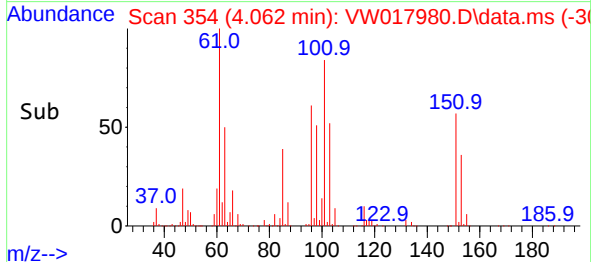
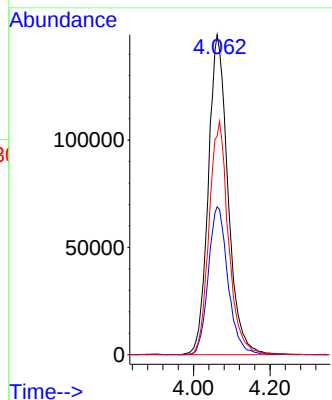
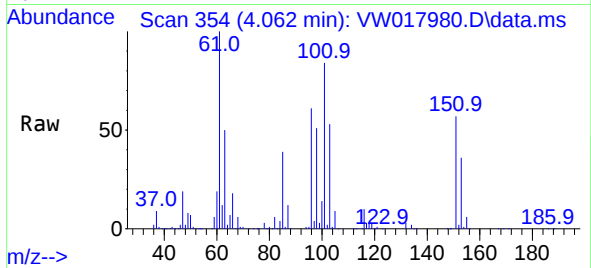




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 99.45 ug/L
RT: 4.062 min Scan# 354
Delta R.T. -0.000 min
Lab File: VW017980.D
Acq: 22 Jan 2021 15:57

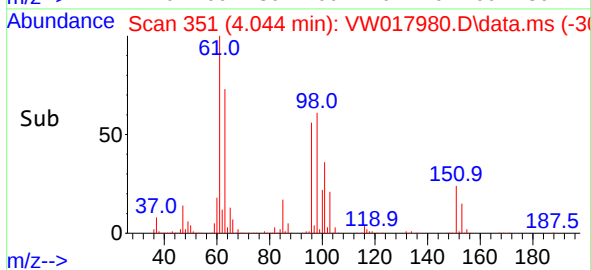
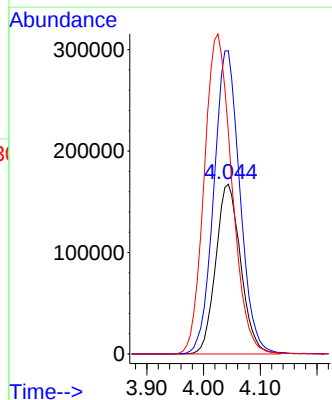
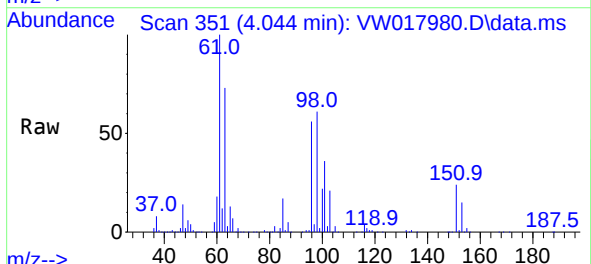
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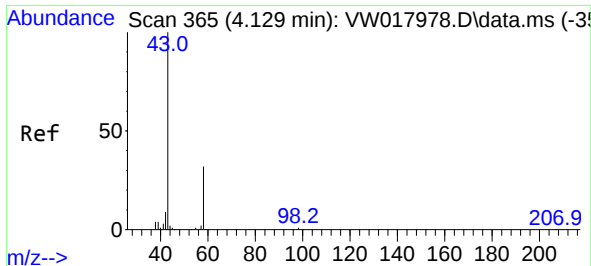
Tgt Ion:101 Resp: 531900
Ion Ratio Lower Upper
101 100
85 46.1 38.2 57.2
151 71.7 56.6 85.0



#12
1,1-Dichloroethene
Concen: 101.47 ug/L
RT: 4.044 min Scan# 351
Delta R.T. 0.006 min
Lab File: VW017980.D
Acq: 22 Jan 2021 15:57

Tgt Ion: 96 Resp: 511129
Ion Ratio Lower Upper
96 100
61 178.6 118.1 219.3
63 130.9 83.7 155.5

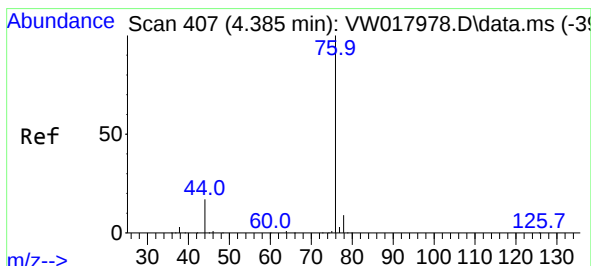
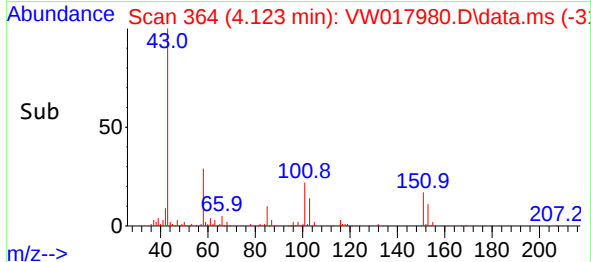
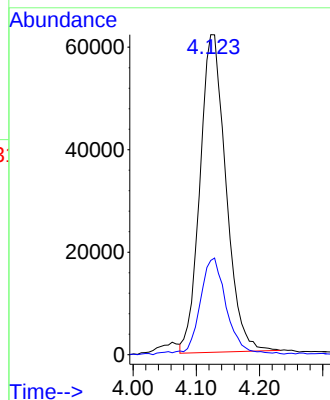
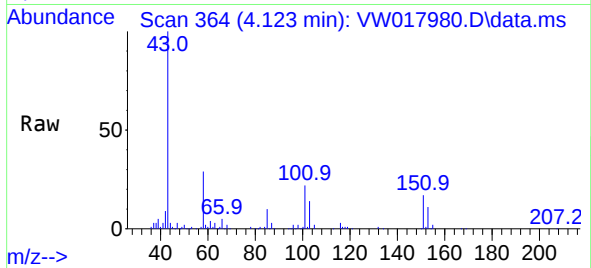




#13
Acetone
Concen: 153.15 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.006 min
Lab File: VW017980.D
Acq: 22 Jan 2021 15:57

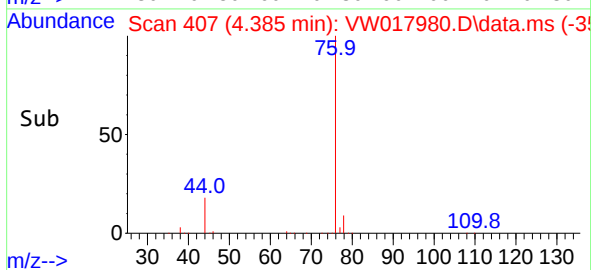
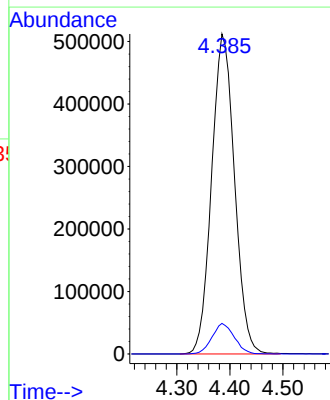
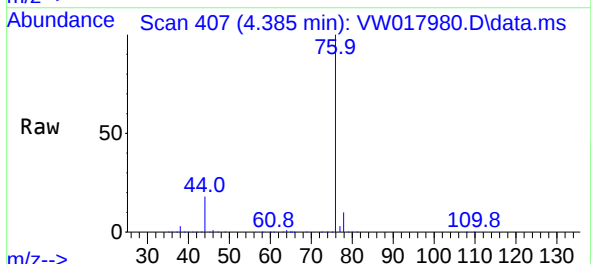
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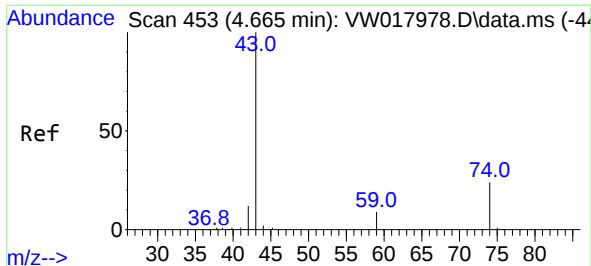
Tgt Ion: 43 Resp: 177229
Ion Ratio Lower Upper
43 100
58 30.1 0.0 53.8



#14
Carbon disulfide
Concen: 106.44 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
Lab File: VW017980.D
Acq: 22 Jan 2021 15:57

Tgt Ion: 76 Resp: 1535768
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0

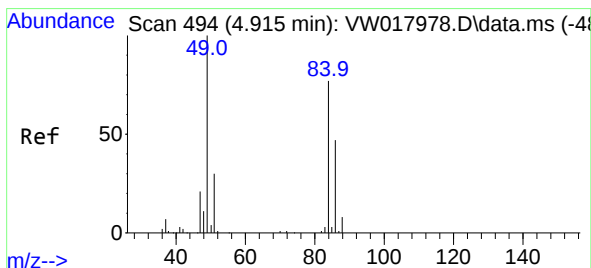
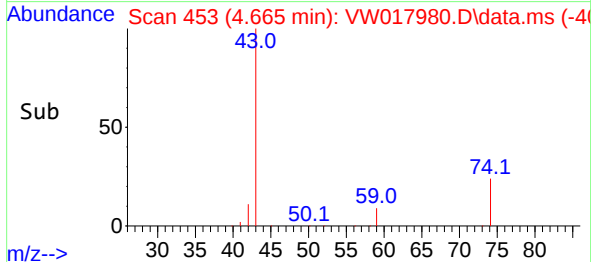
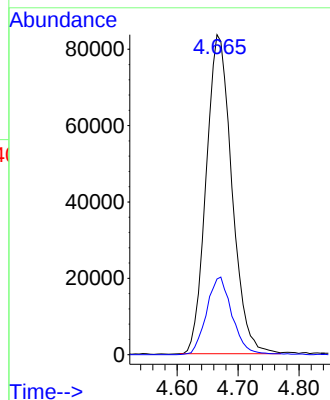
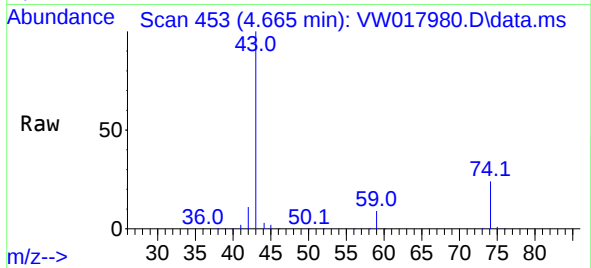




#15
Methyl Acetate
Concen: 97.31 ug/L
RT: 4.665 min Scan# 453
Delta R.T. -0.000 min
Lab File: VW017980.D
Acq: 22 Jan 2021 15:57

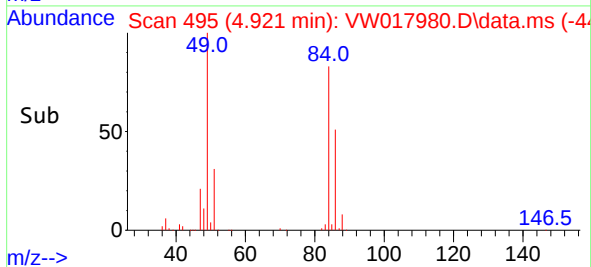
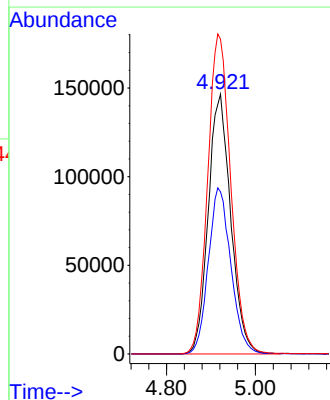
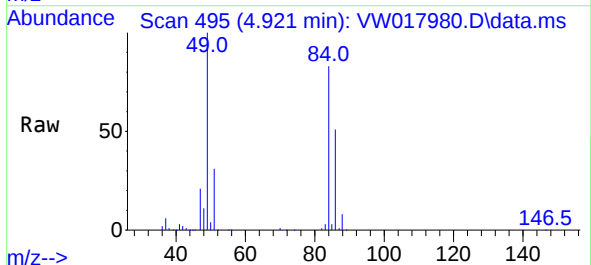
Instrument :
MSVOA_W
ClientSampleId :
VSTD100102

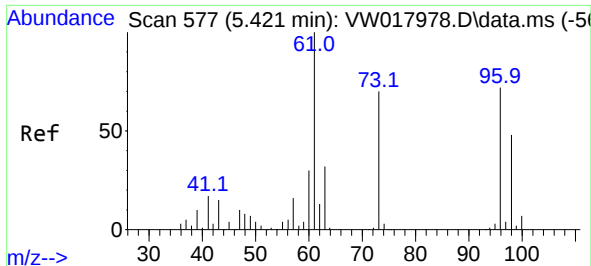
Tgt Ion: 43 Resp: 245486
Ion Ratio Lower Upper
43 100
74 24.2 20.0 30.0



#16
Methylene chloride
Concen: 81.79 ug/L
RT: 4.921 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW017980.D
Acq: 22 Jan 2021 15:57

Tgt Ion: 84 Resp: 514749
Ion Ratio Lower Upper
84 100
86 62.4 45.3 84.1
49 121.1 86.6 160.8

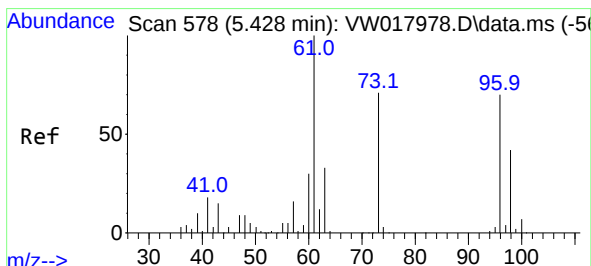
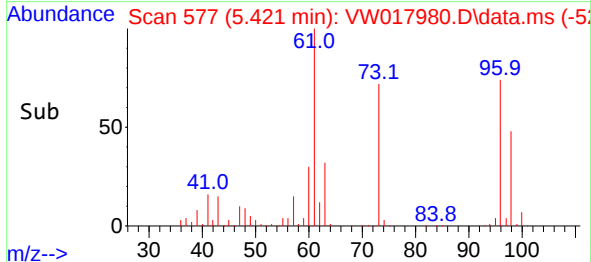
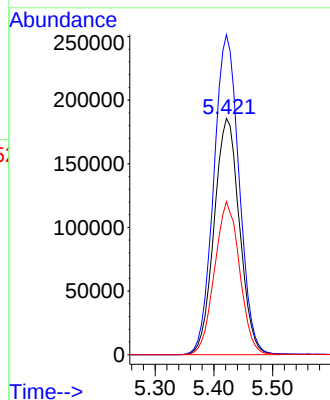
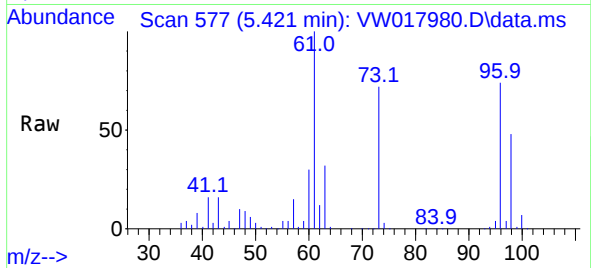




#17
trans-1,2-Dichloroethene
Concen: 103.12 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.000 min
Lab File: VW017980.D
Acq: 22 Jan 2021 15:57

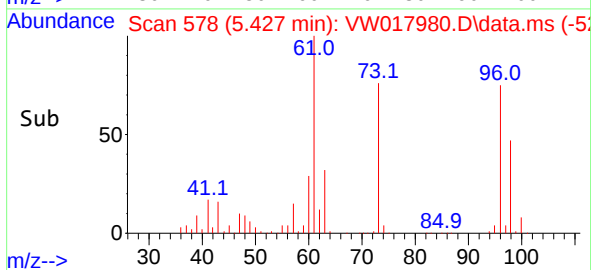
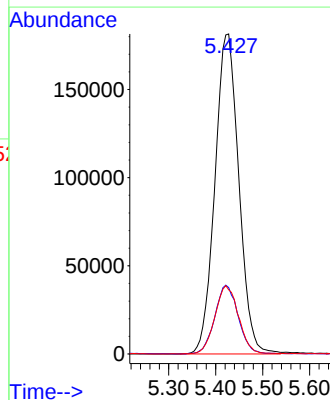
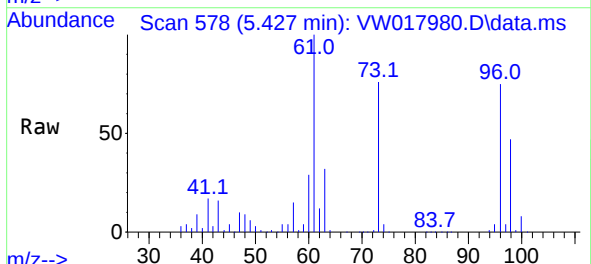
Instrument :
MSVOA_W
ClientSampleId :
VSTD100102

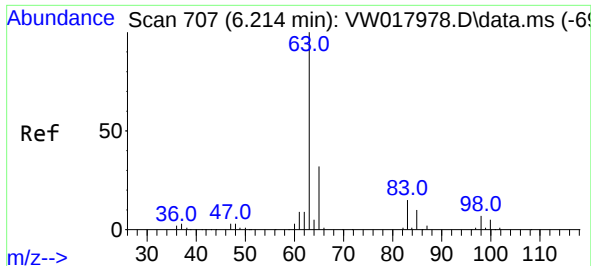
Tgt Ion: 96 Resp: 558064
Ion Ratio Lower Upper
96 100
61 135.4 98.3 182.7
98 64.8 46.1 85.7



#18
Methyl tert-butyl Ether
Concen: 94.70 ug/L
RT: 5.427 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW017980.D
Acq: 22 Jan 2021 15:57

Tgt Ion: 73 Resp: 641696
Ion Ratio Lower Upper
73 100
43 21.1 17.7 26.5
57 21.1 17.0 25.4

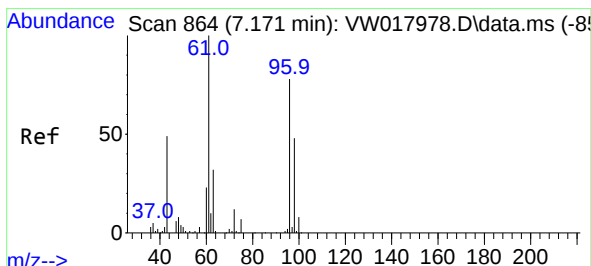
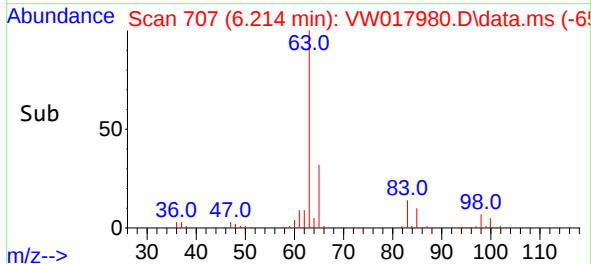
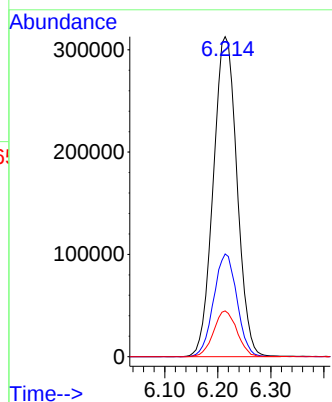
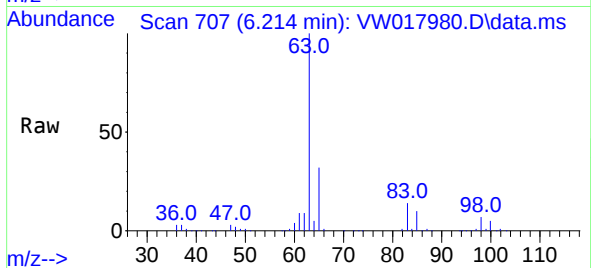




#19
1,1-Dichloroethane
Concen: 102.15 ug/L
RT: 6.214 min Scan# 707
Delta R.T. -0.000 min
Lab File: VW017980.D
Acq: 22 Jan 2021 15:57

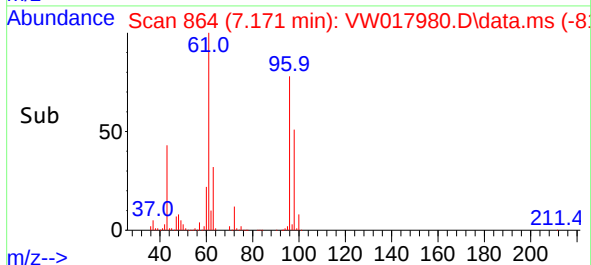
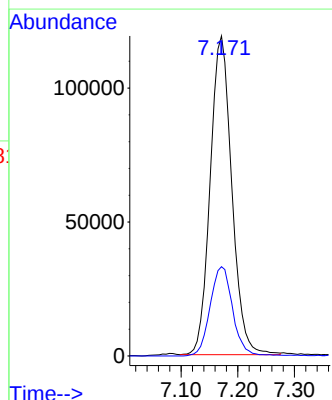
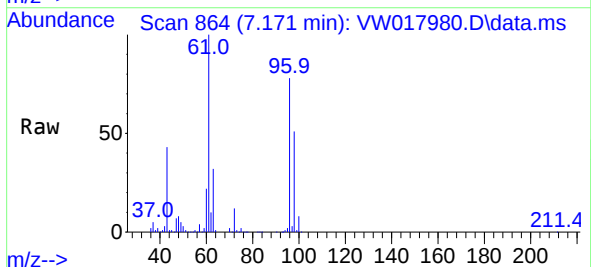
Instrument :
MSVOA_W
ClientSampleId :
VSTD100102

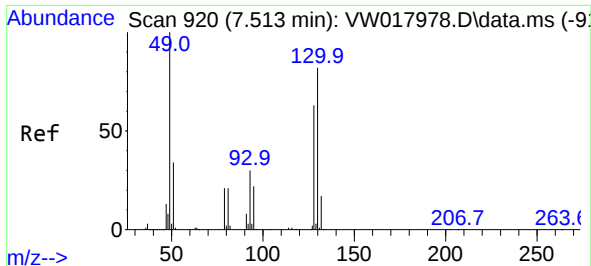
Tgt Ion:	63	Resp:	971734
Ion	Ratio	Lower	Upper
63	100		
65	32.1	22.9	42.5
83	14.3	10.2	19.0



#22
2-Butanone
Concen: 163.49 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW017980.D
Acq: 22 Jan 2021 15:57

Tgt Ion:	43	Resp:	315065
Ion	Ratio	Lower	Upper
43	100		
72	29.1	14.9	44.7

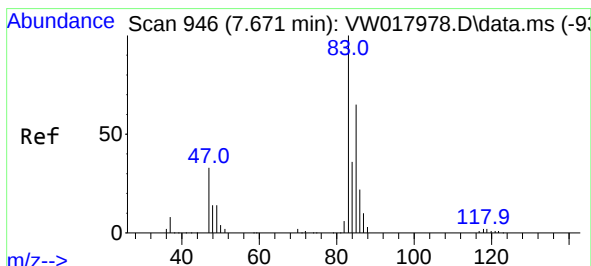
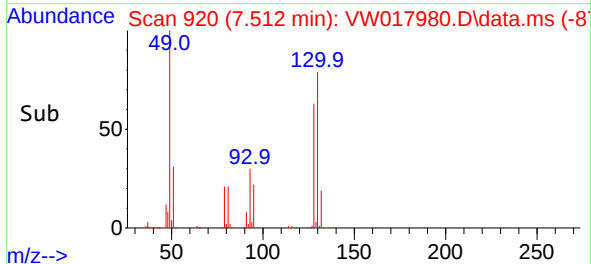
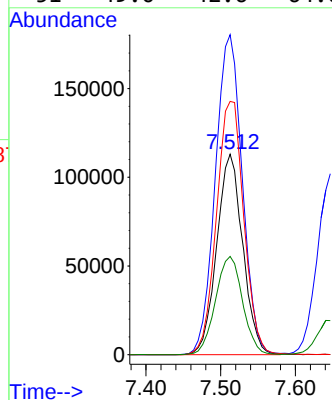
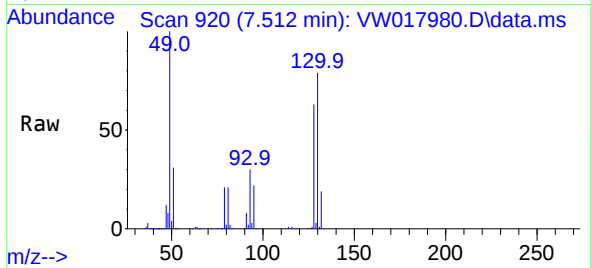




#23
Bromochloromethane
Concen: 103.45 ug/L
RT: 7.512 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW017980.D
Acq: 22 Jan 2021 15:57

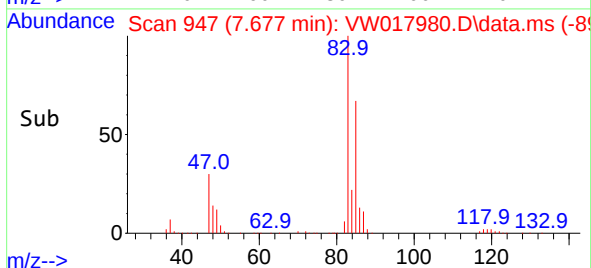
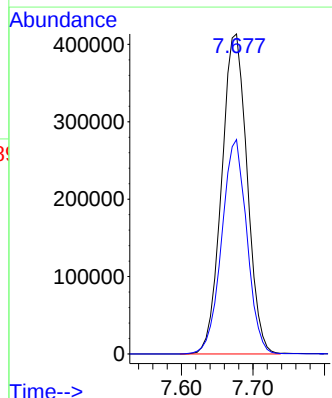
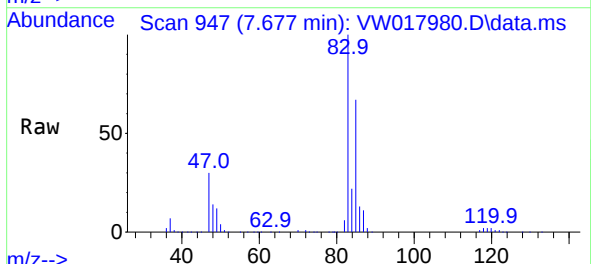
Instrument :
MSVOA_W
ClientSampleId :
VSTD100102

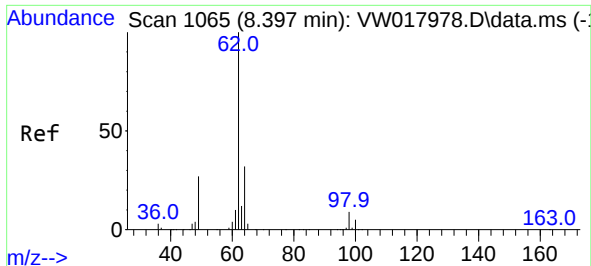
Tgt Ion:128 Resp: 273377
Ion Ratio Lower Upper
128 100
49 159.7 116.3 215.9
130 126.4 82.4 153.0
51 49.0 42.6 64.0



#25
Chloroform
Concen: 101.05 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.006 min
Lab File: VW017980.D
Acq: 22 Jan 2021 15:57

Tgt Ion: 83 Resp: 1023667
Ion Ratio Lower Upper
83 100
85 67.0 44.6 82.8

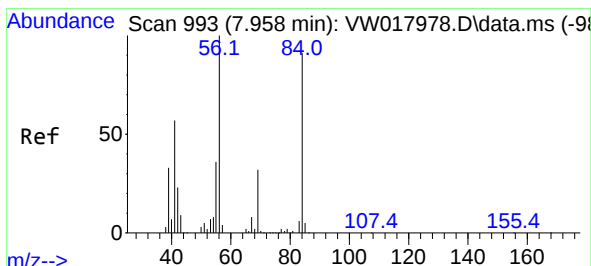
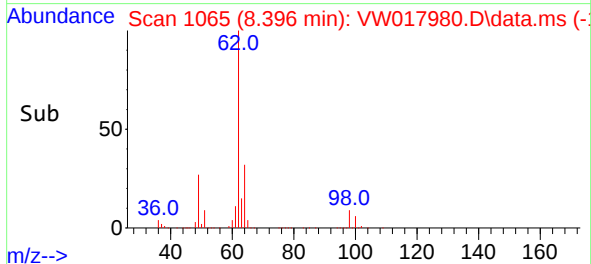
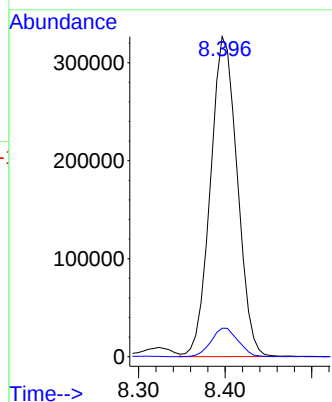
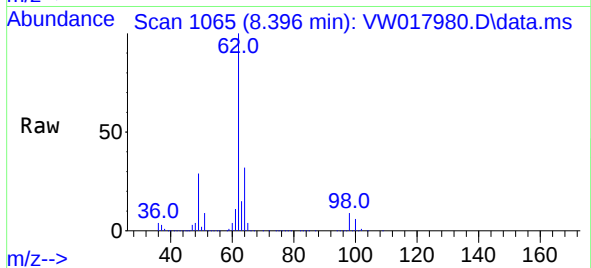




#27
1,2-Dichloroethane
Concen: 97.80 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VW017980.D
Acq: 22 Jan 2021 15:57

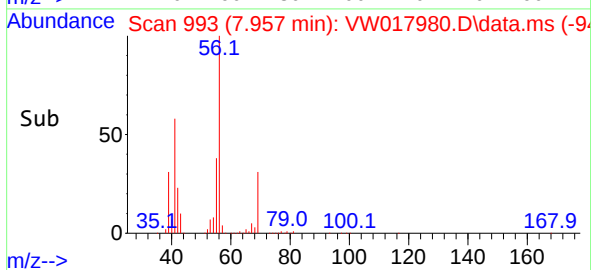
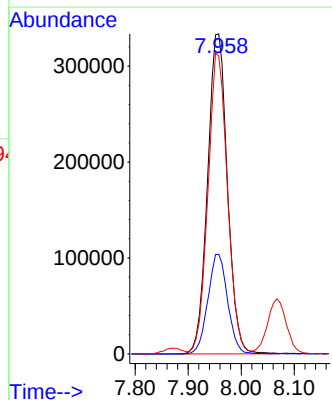
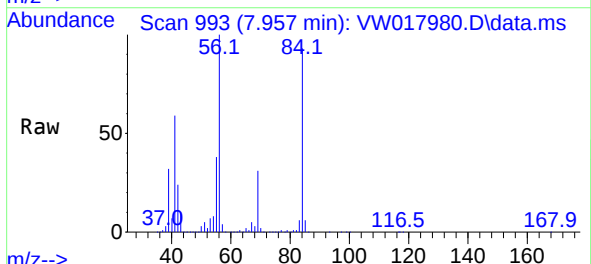
Instrument :
MSVOA_W
ClientSampleId :
VSTD100102

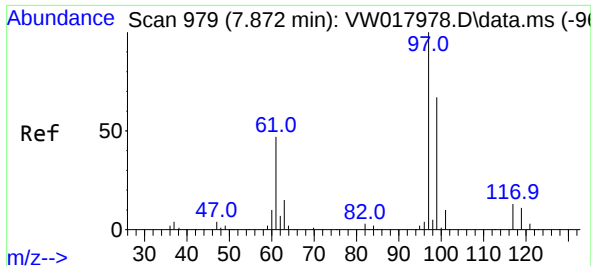
Tgt Ion: 62 Resp: 702821
Ion Ratio Lower Upper
62 100
98 8.9 6.9 10.3



#29
Cyclohexane
Concen: 97.85 ug/L
RT: 7.957 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW017980.D
Acq: 22 Jan 2021 15:57

Tgt Ion: 56 Resp: 865916
Ion Ratio Lower Upper
56 100
69 31.0 24.5 36.7
84 92.4 75.0 112.4

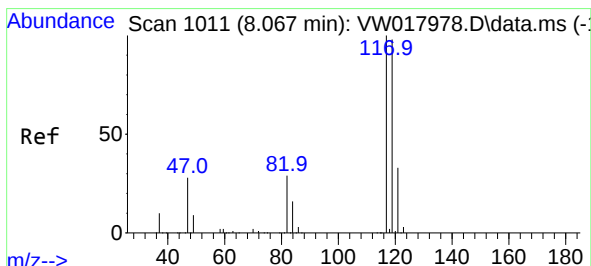
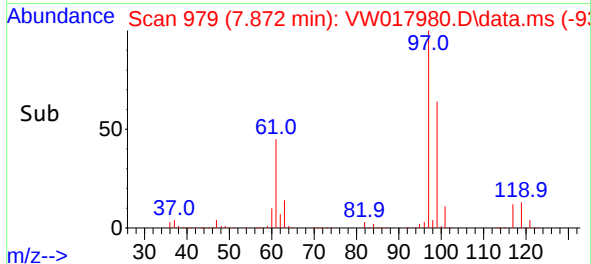
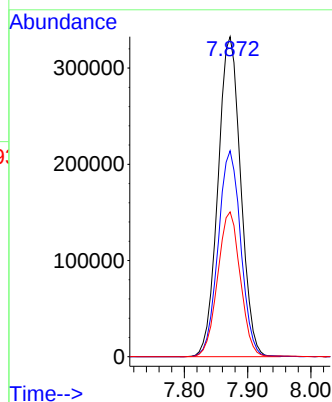
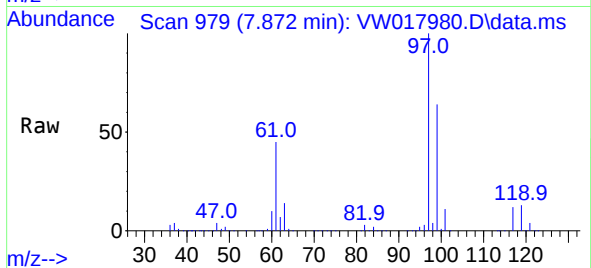




#30
1,1,1-Trichloroethane
Concen: 95.33 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW017980.D
Acq: 22 Jan 2021 15:57

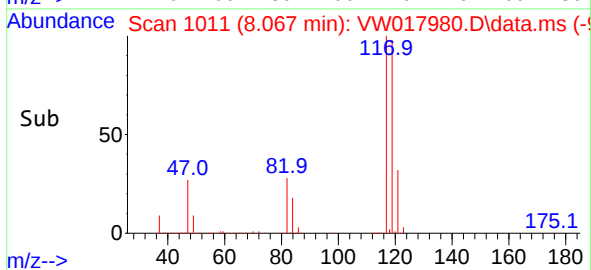
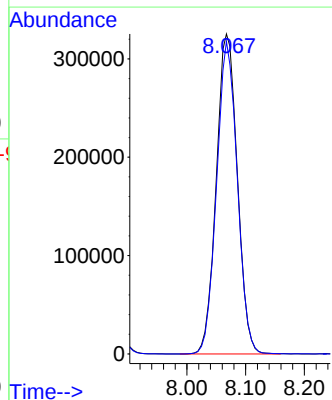
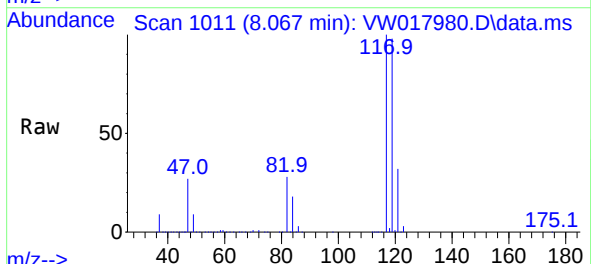
Instrument :
MSVOA_W
ClientSampleId :
VSTD100102

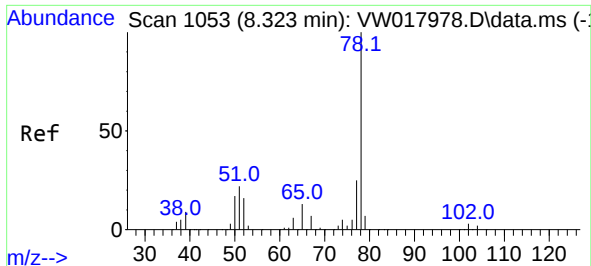
Tgt Ion: 97 Resp: 828273
Ion Ratio Lower Upper
97 100
99 64.1 51.4 77.2
61 45.1 37.8 56.6



#31
Carbon tetrachloride
Concen: 99.86 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW017980.D
Acq: 22 Jan 2021 15:57

Tgt Ion: 117 Resp: 810532
Ion Ratio Lower Upper
117 100
119 95.6 76.5 114.7

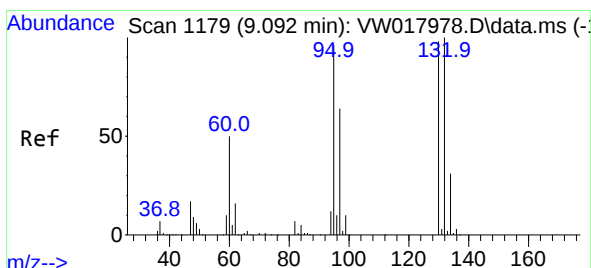
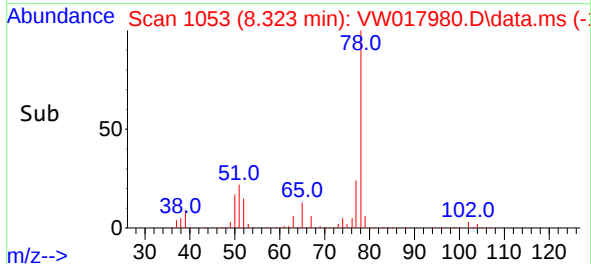
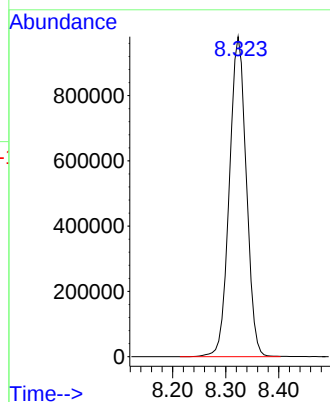
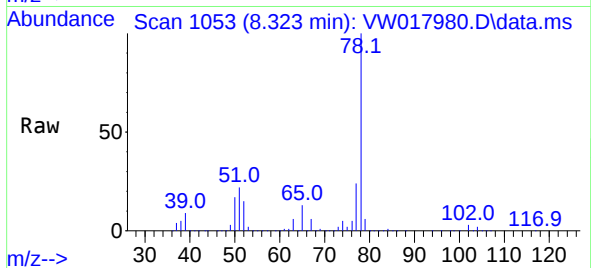




#33
Benzene
Concen: 98.39 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW017980.D
Acq: 22 Jan 2021 15:57

Instrument :
MSVOA_W
ClientSampleId :
VSTD100102

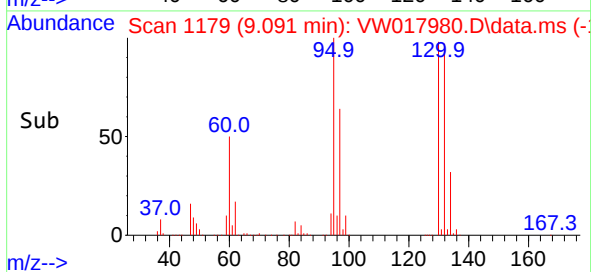
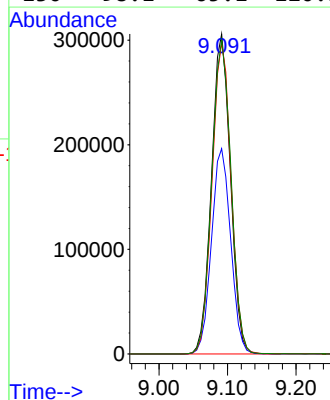
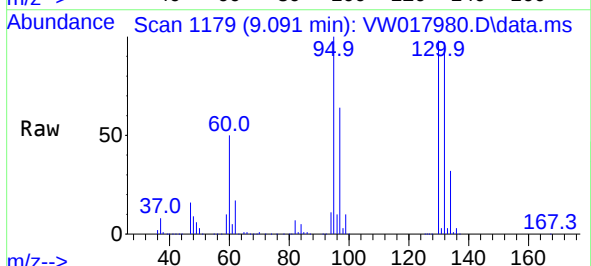
Tgt Ion: 78 Resp: 2177389

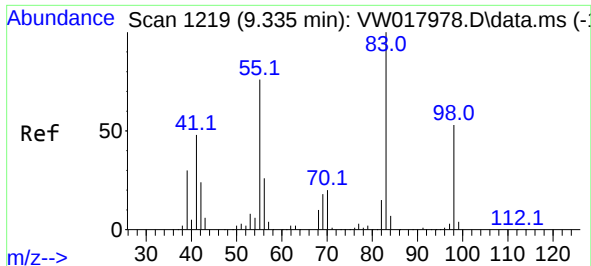


#34
Trichloroethene
Concen: 97.63 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW017980.D
Acq: 22 Jan 2021 15:57

Tgt Ion: 95 Resp: 586288

Ion	Ratio	Lower	Upper
95	100		
97	64.2	47.3	87.8
132	97.1	71.0	131.8
130	98.1	65.1	120.9

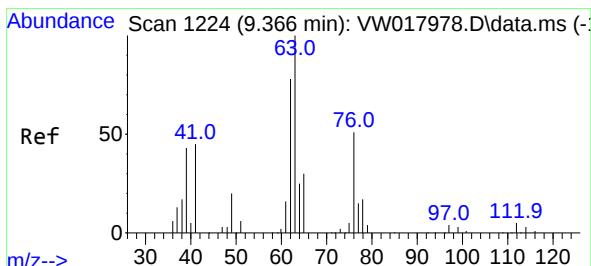
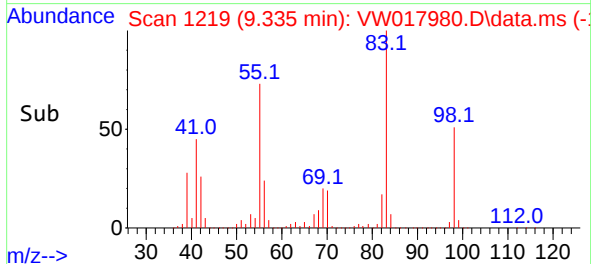
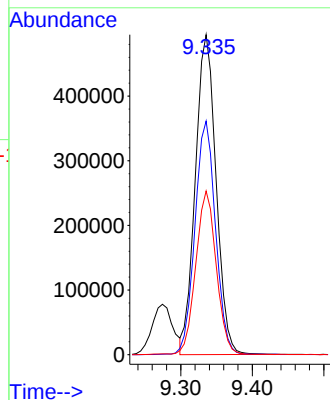
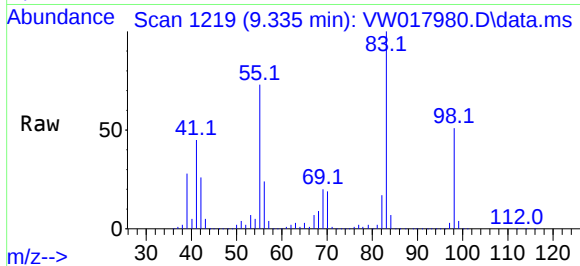




#35
Methylcyclohexane
Concen: 97.06 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW017980.D
Acq: 22 Jan 2021 15:57

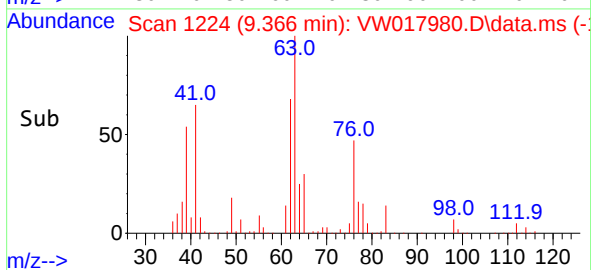
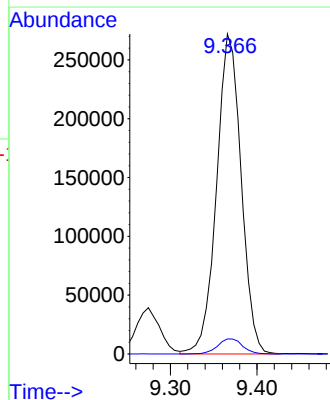
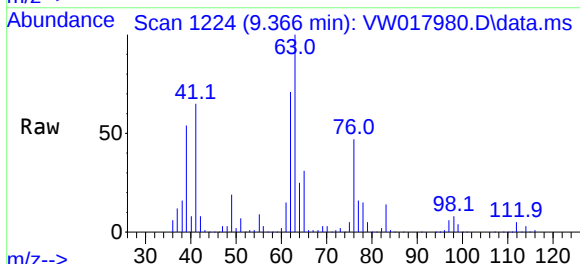
Instrument :
MSVOA_W
ClientSampleId :
VSTD100102

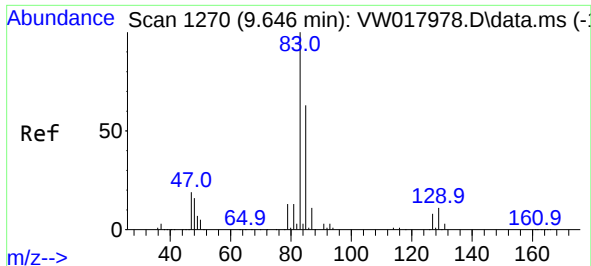
Tgt Ion: 83 Resp: 997096
Ion Ratio Lower Upper
83 100
55 72.0 58.9 88.3
98 50.6 40.1 60.1



#37
1,2-Dichloropropane
Concen: 100.66 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. -0.000 min
Lab File: VW017980.D
Acq: 22 Jan 2021 15:57

Tgt Ion: 63 Resp: 536192
Ion Ratio Lower Upper
63 100
112 4.8 3.9 5.9



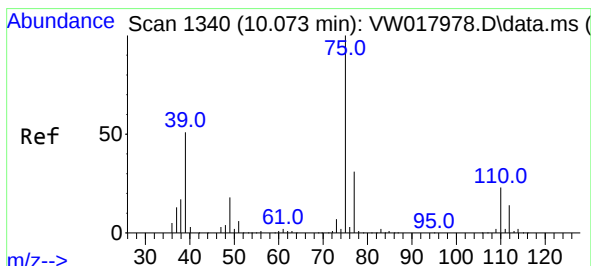
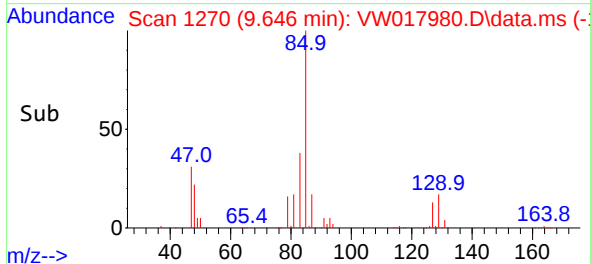
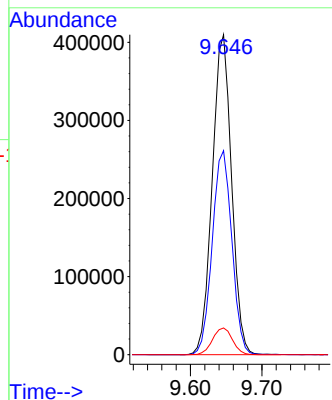
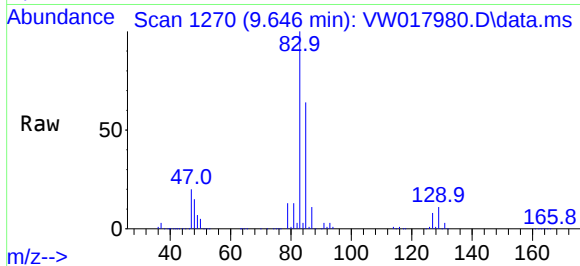


#38
Bromodichloromethane
Concen: 102.38 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VW017980.D
Acq: 22 Jan 2021 15:57

Instrument :
MSVOA_W
ClientSampleId :
VSTD100102

Tgt Ion: 83 Resp: 767905

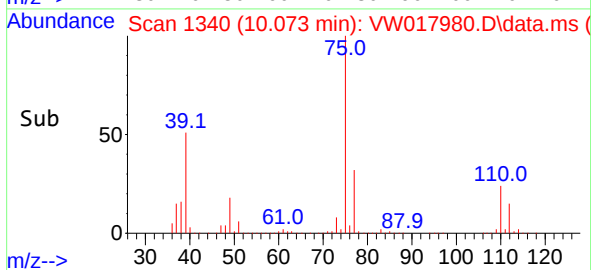
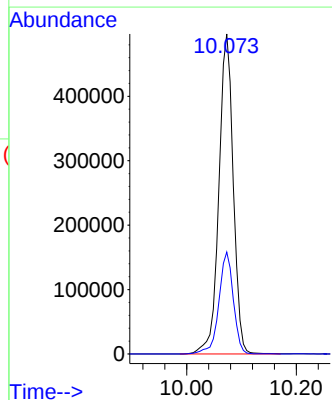
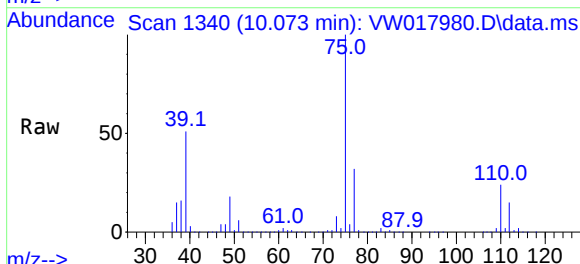
Ion	Ratio	Lower	Upper
83	100		
85	63.8	42.3	78.5
127	8.4	6.6	9.8

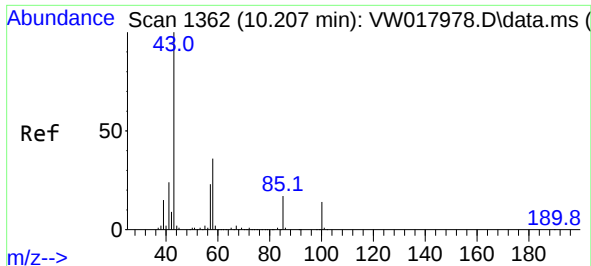


#39
cis-1,3-Dichloropropene
Concen: 107.22 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW017980.D
Acq: 22 Jan 2021 15:57

Tgt Ion: 75 Resp: 904944

Ion	Ratio	Lower	Upper
75	100		
77	31.9	22.6	42.0



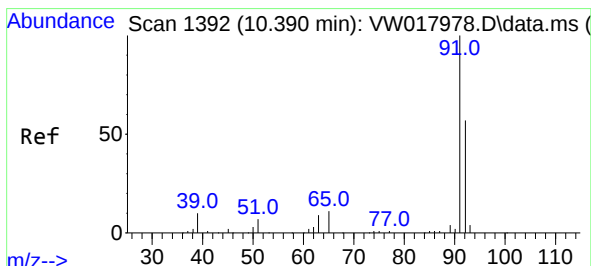
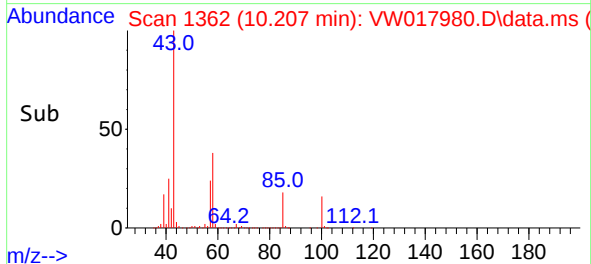
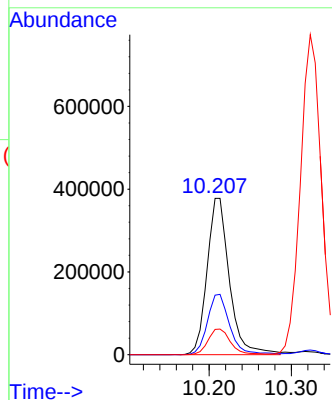
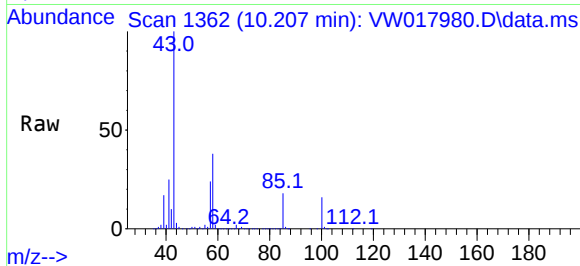


#40
4-Methyl-2-pentanone
Concen: 185.59 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VW017980.D
Acq: 22 Jan 2021 15:57

Instrument :
MSVOA_W
ClientSampleId :
VSTD100102

Tgt Ion: 43 Resp: 711503

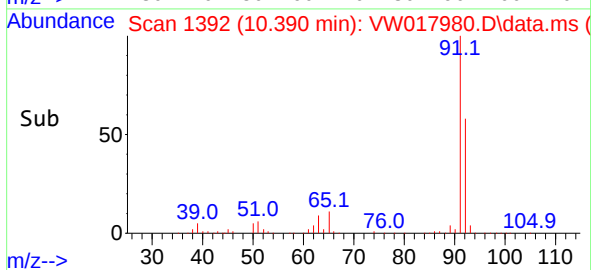
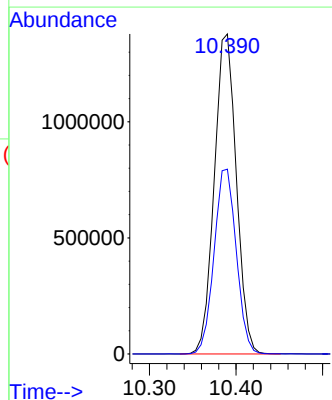
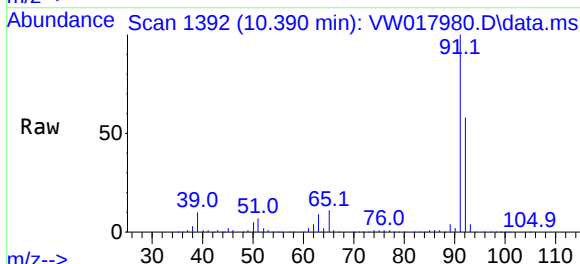
Ion	Ratio	Lower	Upper
43	100		
58	37.9	31.0	46.4
100	16.6	13.0	19.6

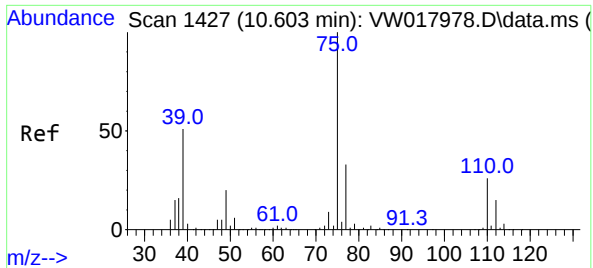


#42
Toluene
Concen: 98.20 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW017980.D
Acq: 22 Jan 2021 15:57

Tgt Ion: 91 Resp: 2439165

Ion	Ratio	Lower	Upper
91	100		
92	57.7	39.5	73.3

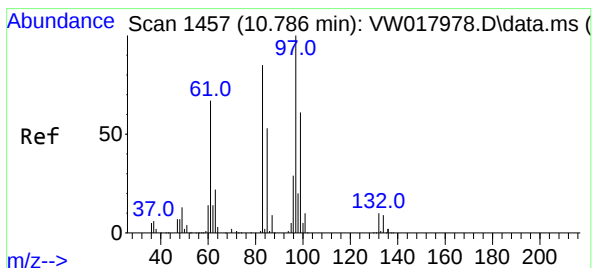
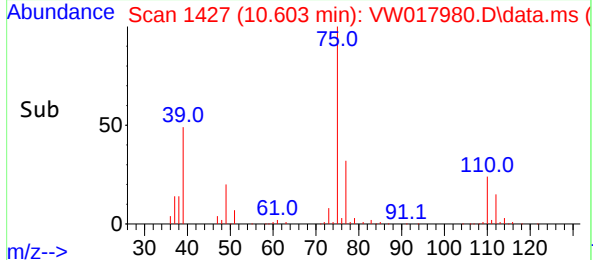
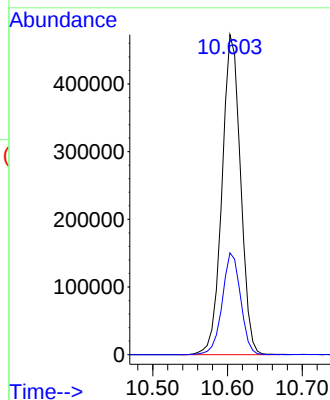
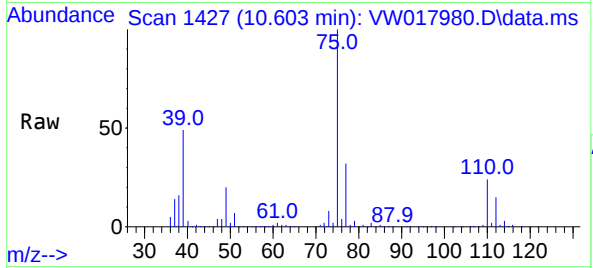




#44
trans-1,3-Dichloropropene
Concen: 107.32 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW017980.D
Acq: 22 Jan 2021 15:57

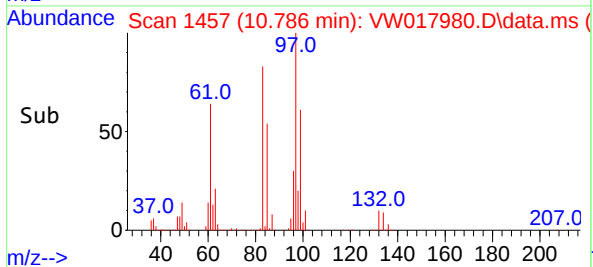
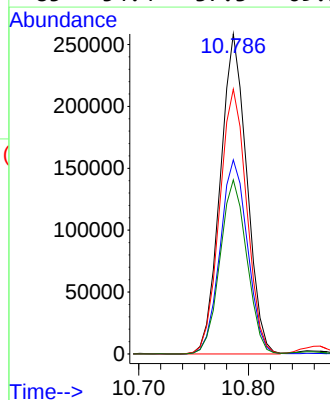
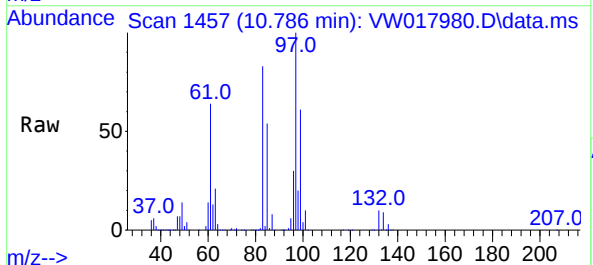
Instrument :
MSVOA_W
ClientSampleId :
VSTD100102

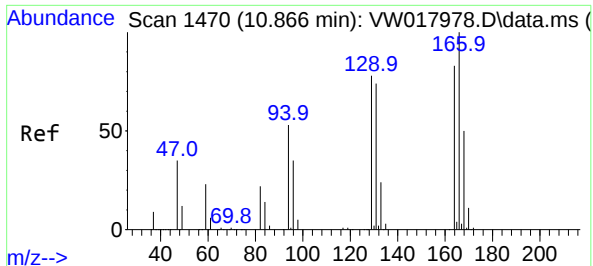
Tgt Ion: 75 Resp: 816538
Ion Ratio Lower Upper
75 100
77 31.8 21.1 39.1



#45
1,1,2-Trichloroethane
Concen: 96.95 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW017980.D
Acq: 22 Jan 2021 15:57

Tgt Ion: 97 Resp: 434573
Ion Ratio Lower Upper
97 100
99 60.7 45.1 83.7
83 82.8 58.1 107.9
85 54.4 37.3 69.3



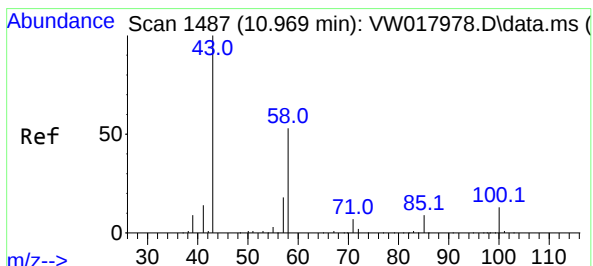
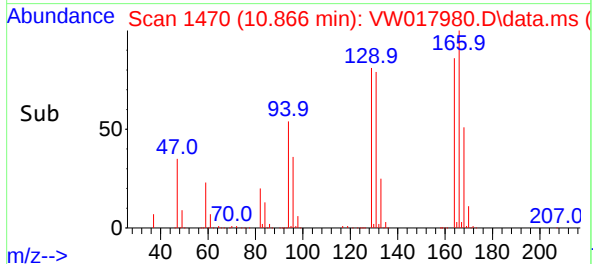
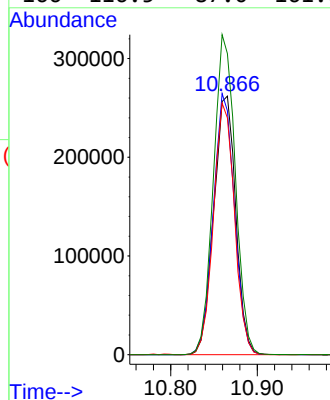
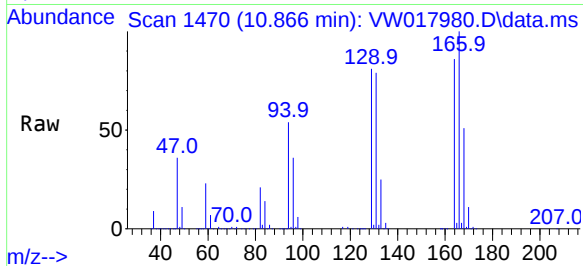


#46
Tetrachloroethene
Concen: 100.39 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VW017980.D
Acq: 22 Jan 2021 15:57

Instrument :
MSVOA_W
ClientSampleId :
VSTD100102

Tgt Ion:164 Resp: 462070

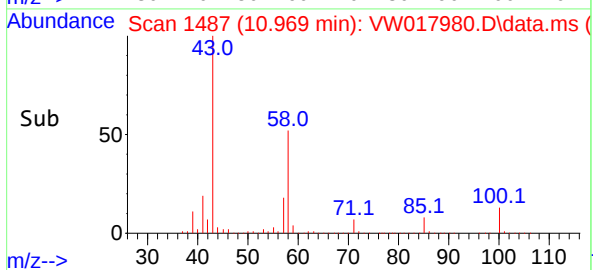
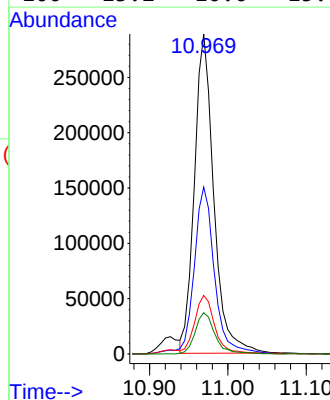
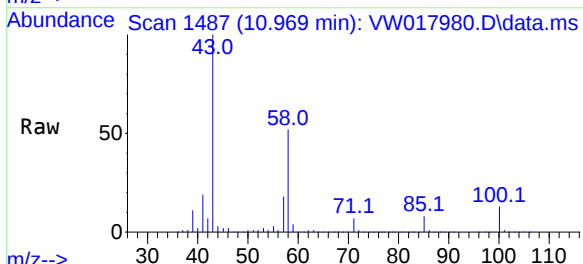
Ion	Ratio	Lower	Upper
164	100		
129	94.4	66.7	123.9
131	91.6	61.1	113.5
166	116.5	87.0	161.6

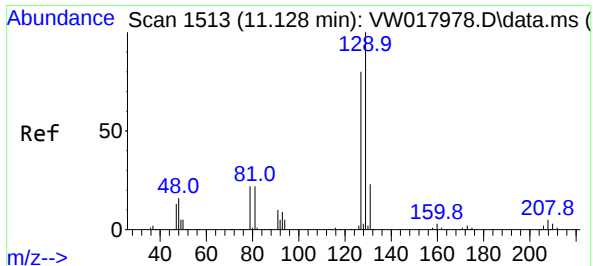


#48
2-Hexanone
Concen: 185.81 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW017980.D
Acq: 22 Jan 2021 15:57

Tgt Ion: 43 Resp: 497794

Ion	Ratio	Lower	Upper
43	100		
58	53.7	42.7	64.1
57	19.1	15.8	23.8
100	13.2	10.0	15.0





#49

Dibromochloromethane

Concen: 107.92 ug/L

RT: 11.128 min Scan# 1513

Delta R.T. -0.000 min

Lab File: VW017980.D

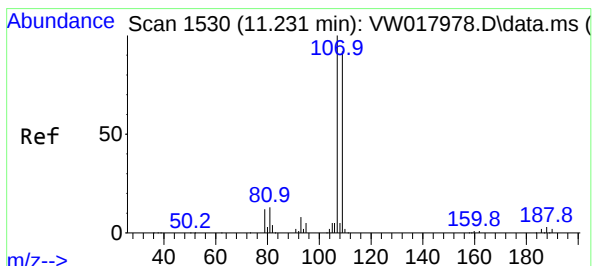
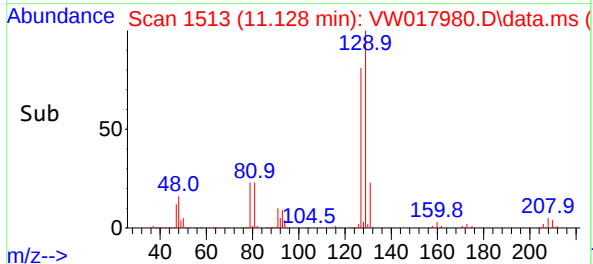
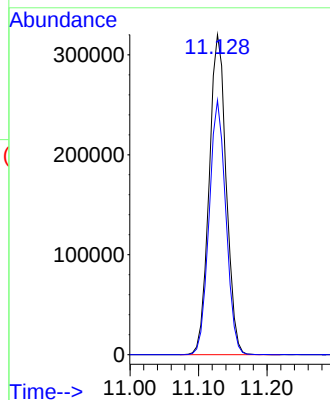
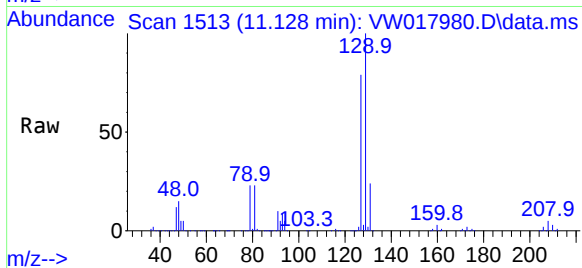
Acq: 22 Jan 2021 15:57

Tgt Ion:129 Resp: 554247

Ion Ratio Lower Upper

129 100

127 79.4 51.7 95.9



#50

1,2-Dibromoethane

Concen: 98.66 ug/L

RT: 11.231 min Scan# 1530

Delta R.T. -0.000 min

Lab File: VW017980.D

Acq: 22 Jan 2021 15:57

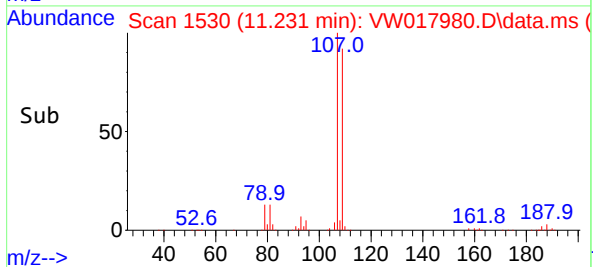
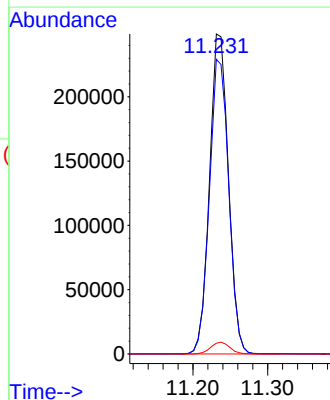
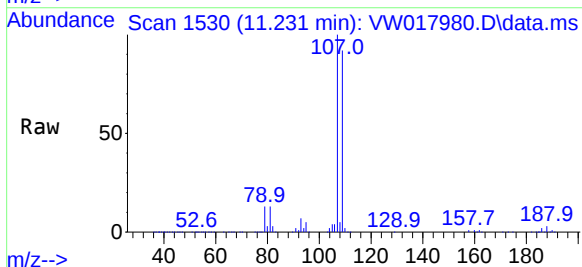
Tgt Ion:107 Resp: 437714

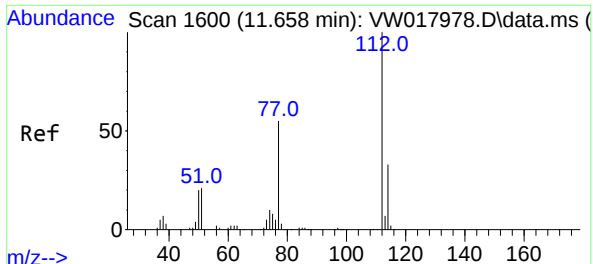
Ion Ratio Lower Upper

107 100

109 92.1 65.4 121.4

188 3.4 2.6 4.0

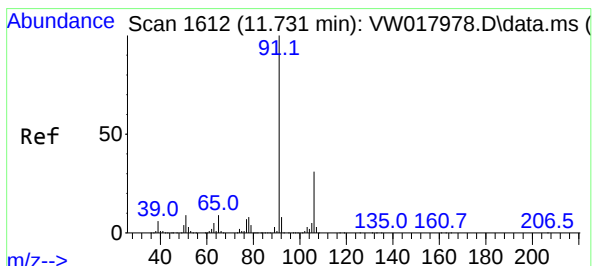
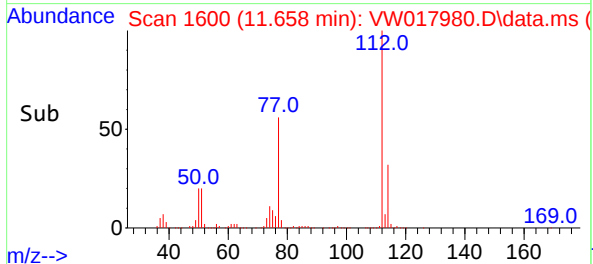
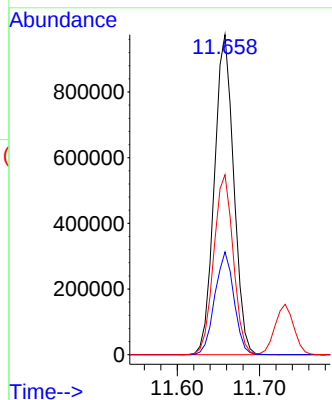
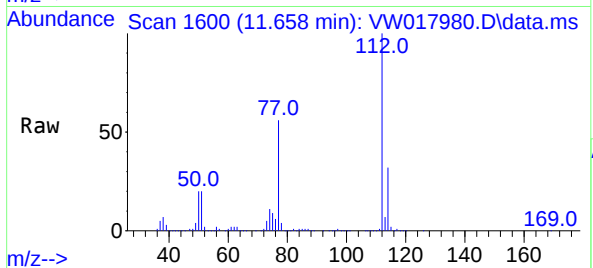




#51
Chlorobenzene
Concen: 100.32 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW017980.D
Acq: 22 Jan 2021 15:57

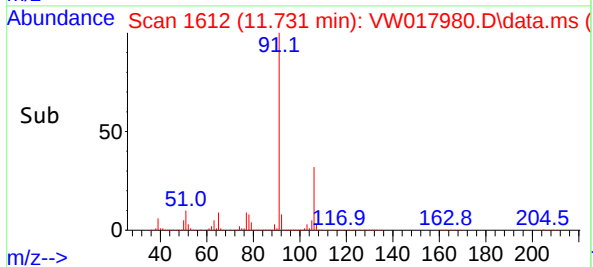
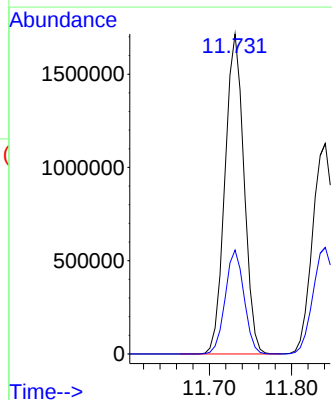
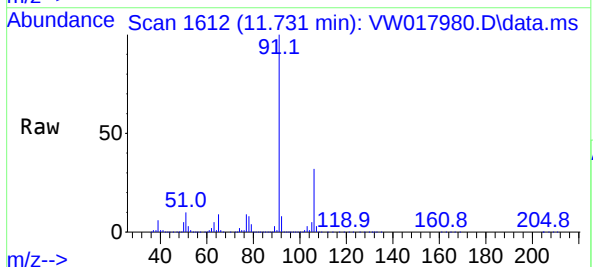
Instrument :
MSVOA_W
ClientSampleId :
VSTD100102

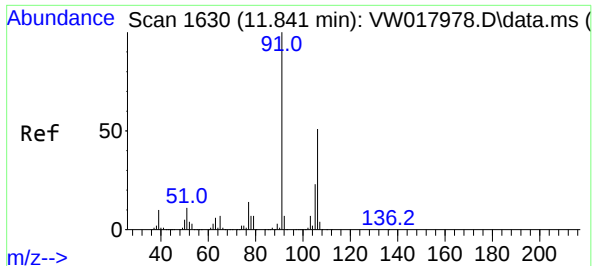
Tgt Ion:112 Resp: 1590246
Ion Ratio Lower Upper
112 100
114 32.1 23.4 43.6
77 56.3 47.6 71.4



#52
Ethylbenzene
Concen: 97.47 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW017980.D
Acq: 22 Jan 2021 15:57

Tgt Ion: 91 Resp: 2748333
Ion Ratio Lower Upper
91 100
106 32.4 22.5 41.7

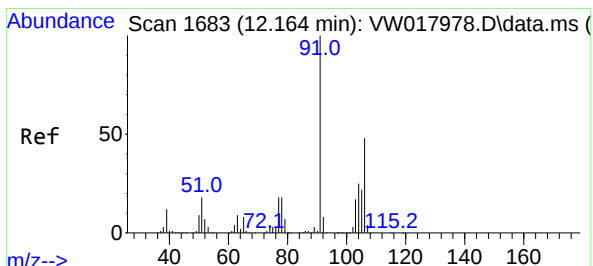
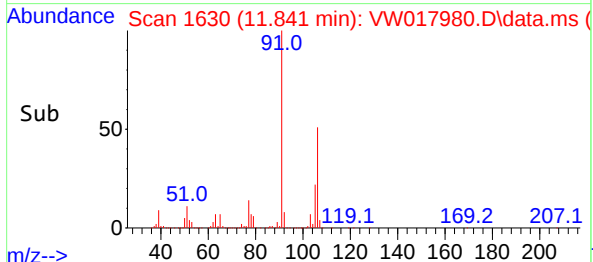
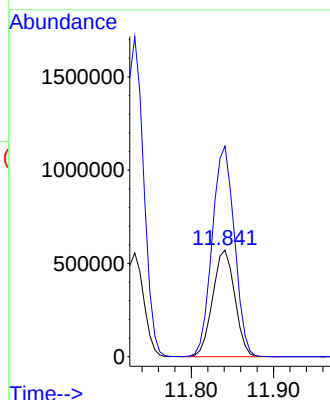
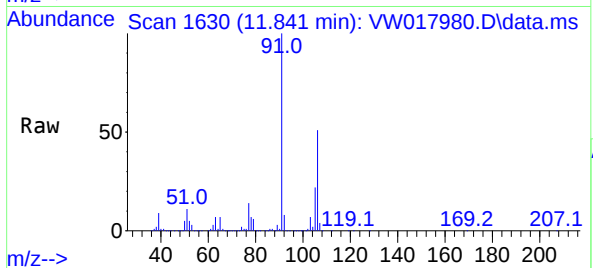




#53
m,p-Xylene
Concen: 97.44 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW017980.D
Acq: 22 Jan 2021 15:57

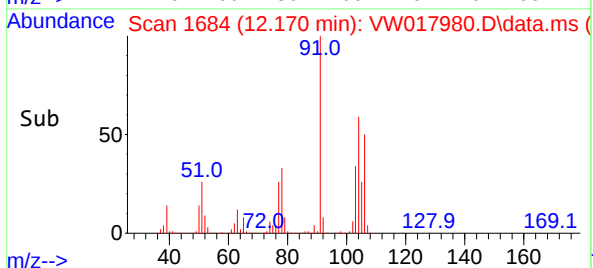
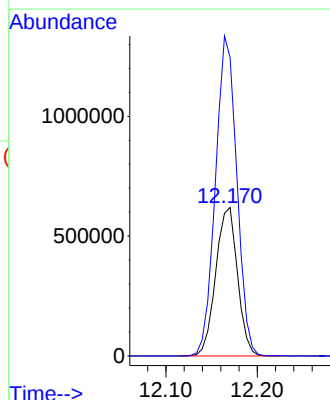
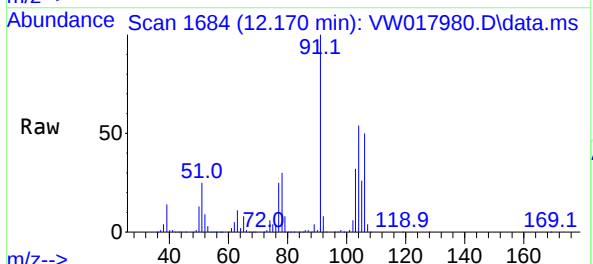
Instrument :
MSVOA_W
ClientSampleId :
VSTD100102

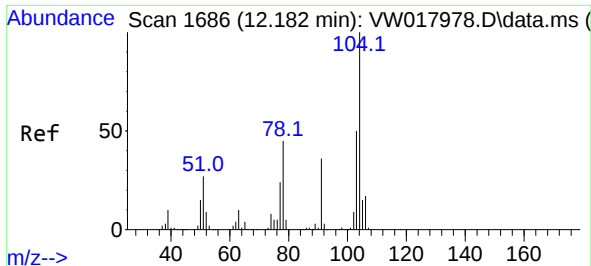
Tgt Ion:106 Resp: 1065861
Ion Ratio Lower Upper
106 100
91 197.4 141.3 262.3



#54
o-Xylene
Concen: 99.99 ug/L
RT: 12.170 min Scan# 1684
Delta R.T. 0.006 min
Lab File: VW017980.D
Acq: 22 Jan 2021 15:57

Tgt Ion:106 Resp: 1026186
Ion Ratio Lower Upper
106 100
91 200.9 150.0 278.6

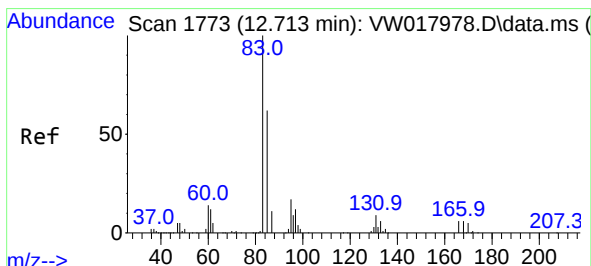
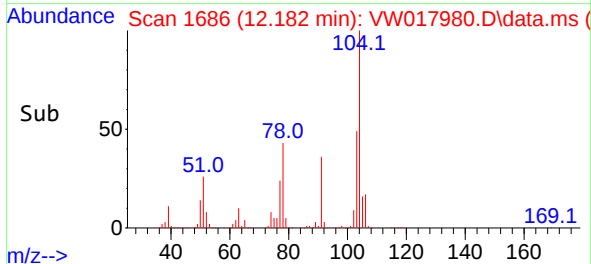
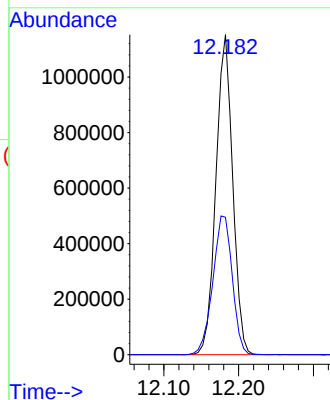
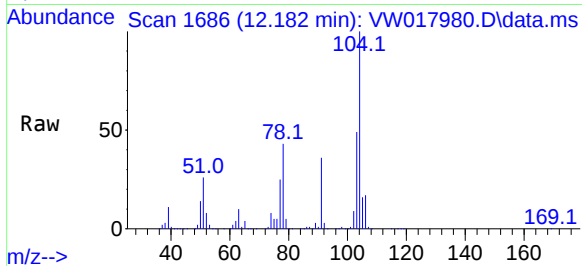




#55
Styrene
Concen: 102.03 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW017980.D
Acq: 22 Jan 2021 15:57

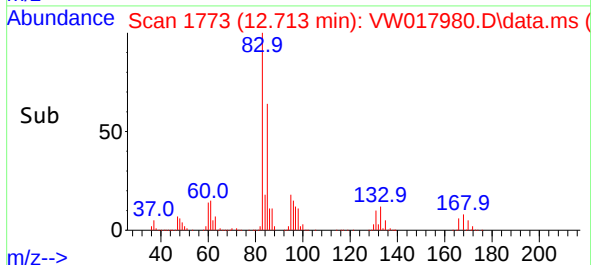
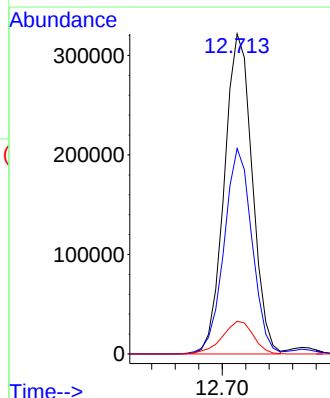
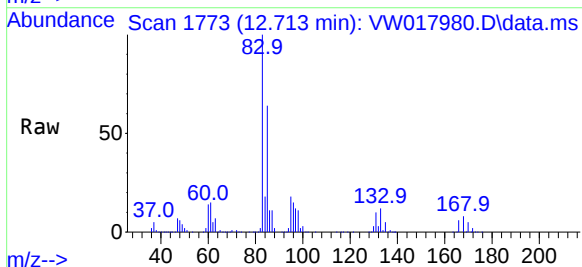
Instrument :
MSVOA_W
ClientSampleId :
VSTD100102

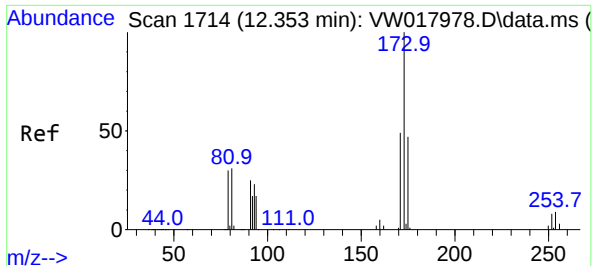
Tgt Ion:104 Resp: 1801244
Ion Ratio Lower Upper
104 100
78 43.0 32.5 60.3



#57
1,1,2,2-Tetrachloroethane
Concen: 91.45 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW017980.D
Acq: 22 Jan 2021 15:57

Tgt Ion: 83 Resp: 530874
Ion Ratio Lower Upper
83 100
85 64.2 44.4 82.4
131 10.2 8.2 12.4

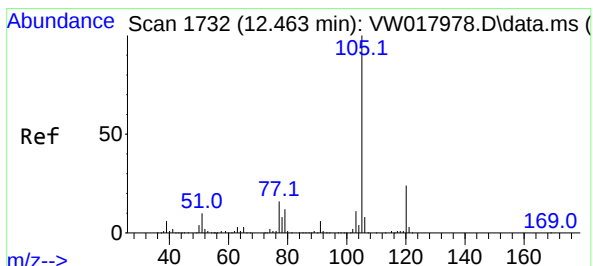
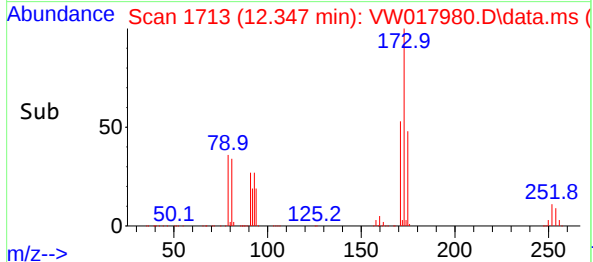
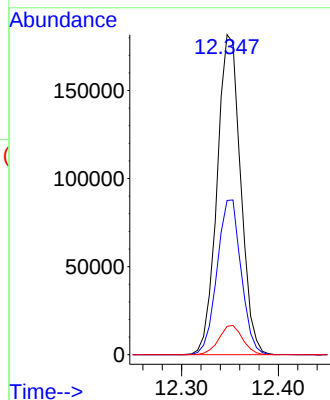
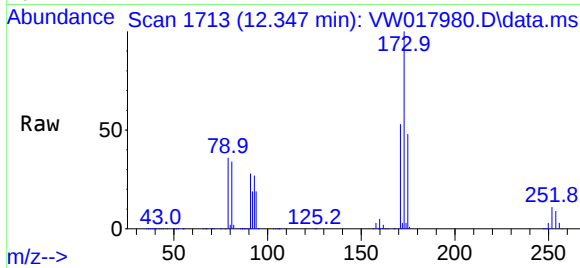




#59
Bromoform
Concen: 108.56 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.006 min
Lab File: VW017980.D
Acq: 22 Jan 2021 15:57

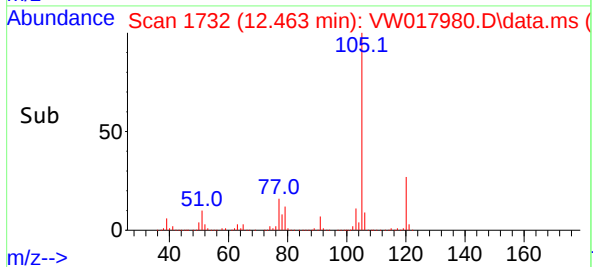
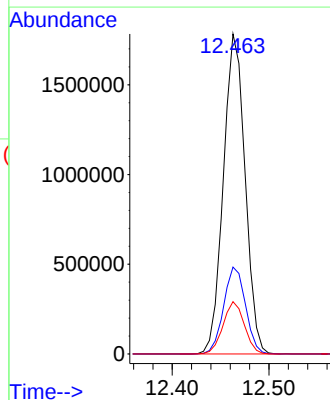
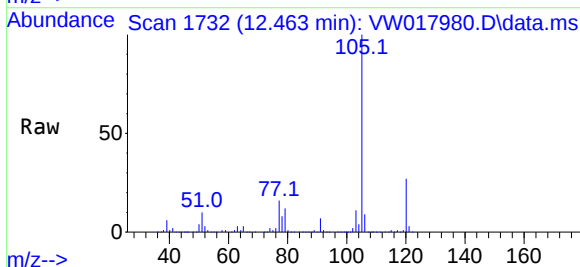
Instrument :
MSVOA_W
ClientSampleId :
VSTD100102

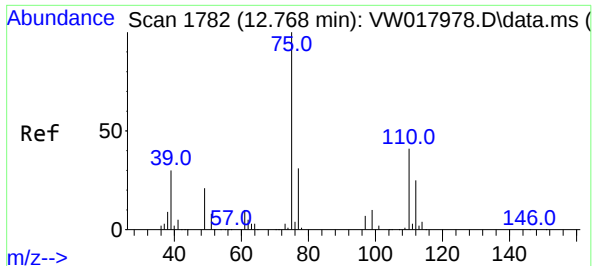
Tgt Ion:173 Resp: 306701
Ion Ratio Lower Upper
173 100
175 49.4 37.5 56.3
254 9.2 7.0 10.4



#60
Isopropylbenzene
Concen: 100.02 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW017980.D
Acq: 22 Jan 2021 15:57

Tgt Ion:105 Resp: 2778127
Ion Ratio Lower Upper
105 100
120 27.3 21.1 31.7
77 16.1 13.2 19.8

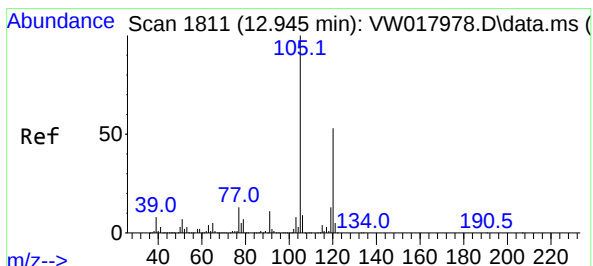
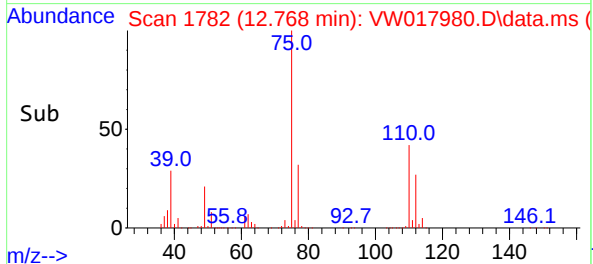
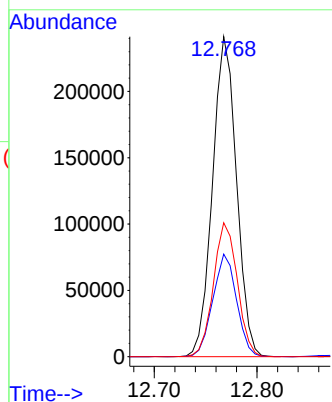
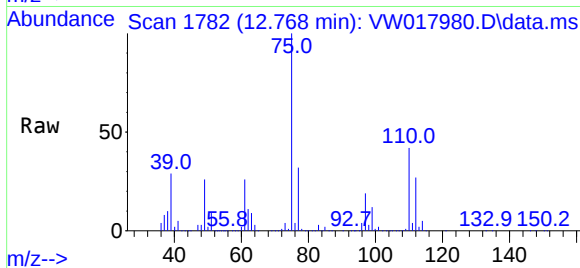




#61
1,2,3-Trichloropropane
Concen: 92.31 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW017980.D
Acq: 22 Jan 2021 15:57

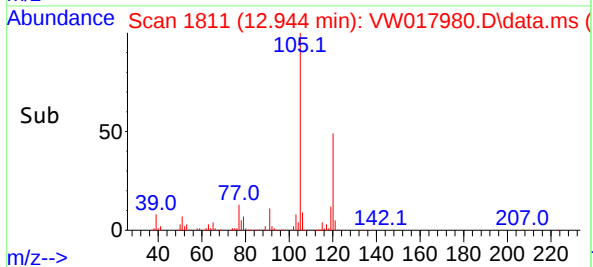
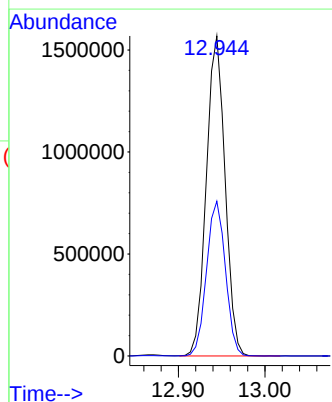
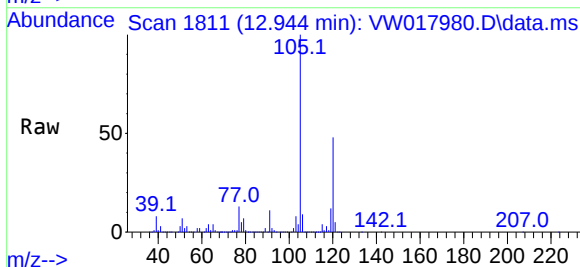
Instrument :
MSVOA_W
ClientSampleId :
VSTD100102

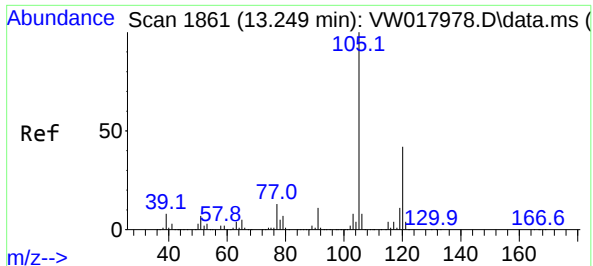
Tgt Ion: 75 Resp: 390306
Ion Ratio Lower Upper
75 100
77 31.9 25.3 37.9
110 41.8 32.6 48.8



#62
1,3,5-Trimethylbenzene
Concen: 106.55 ug/L
RT: 12.944 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VW017980.D
Acq: 22 Jan 2021 15:57

Tgt Ion:105 Resp: 2354319
Ion Ratio Lower Upper
105 100
120 48.8 39.0 58.6

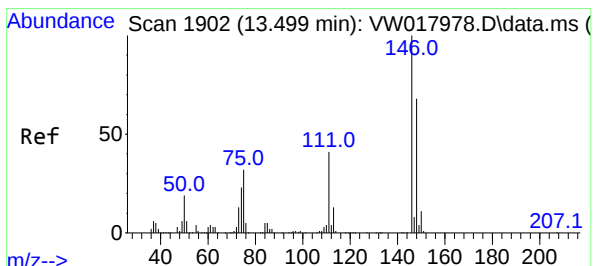
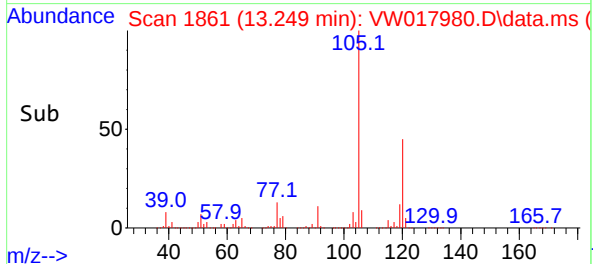
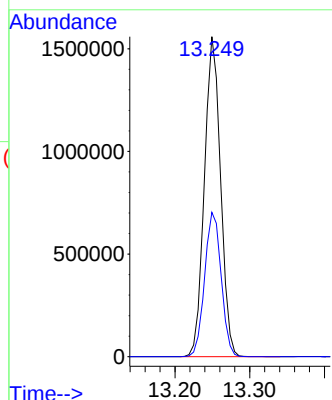
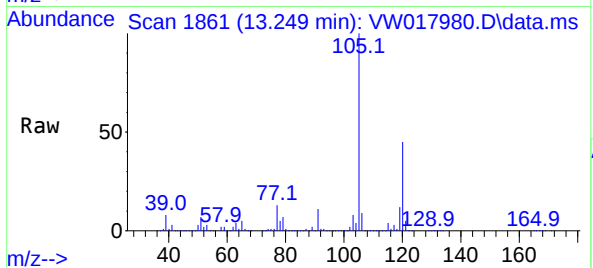




#63
1,2,4-Trimethylbenzene
Concen: 104.66 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW017980.D
Acq: 22 Jan 2021 15:57

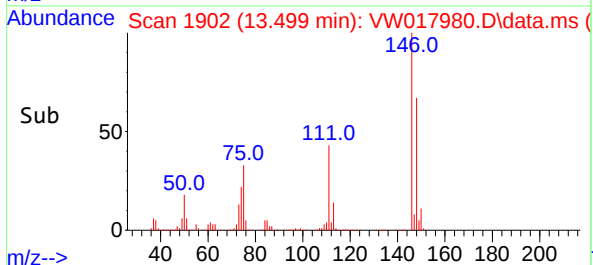
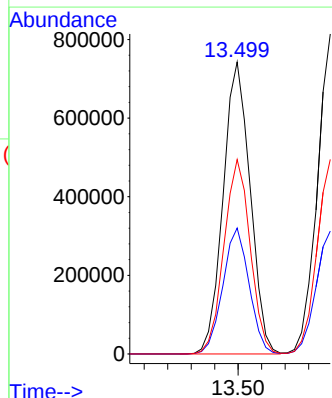
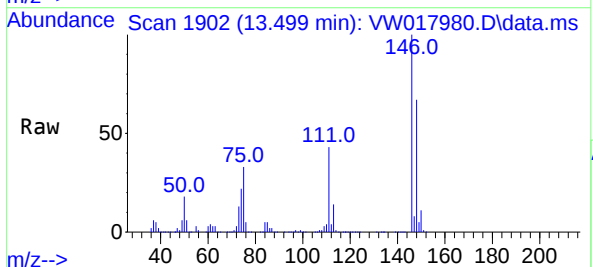
Instrument :
MSVOA_W
ClientSampleId :
VSTD100102

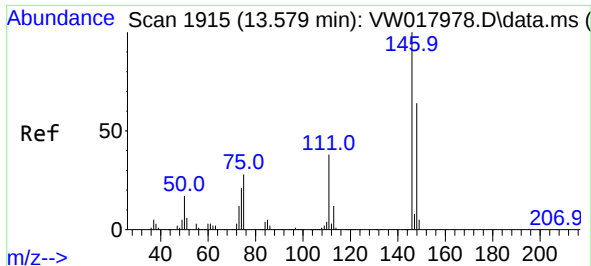
Tgt Ion:105 Resp: 2342902
Ion Ratio Lower Upper
105 100
120 46.0 35.6 53.4



#64
1,3-Dichlorobenzene
Concen: 99.50 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW017980.D
Acq: 22 Jan 2021 15:57

Tgt Ion:146 Resp: 1187401
Ion Ratio Lower Upper
146 100
111 43.1 26.7 49.7
148 66.6 41.1 76.3

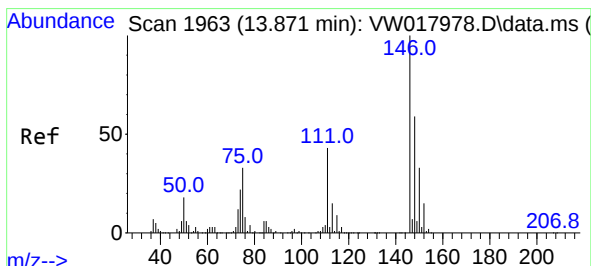
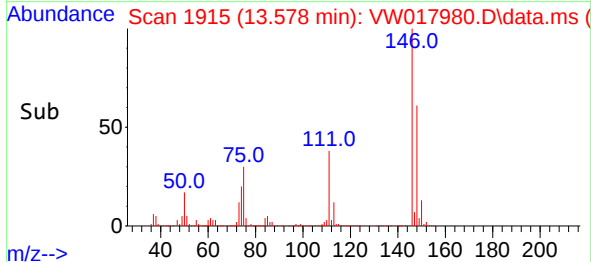
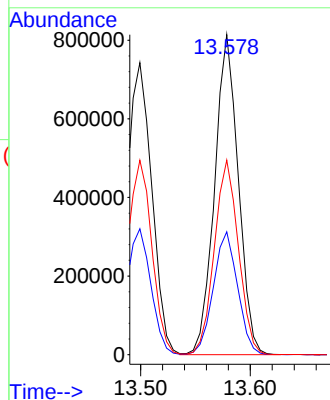
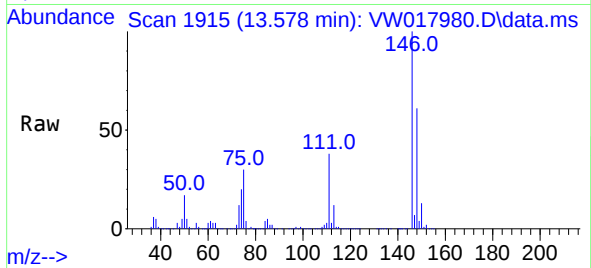




#65
1,4-Dichlorobenzene
Concen: 102.88 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW017980.D
Acq: 22 Jan 2021 15:57

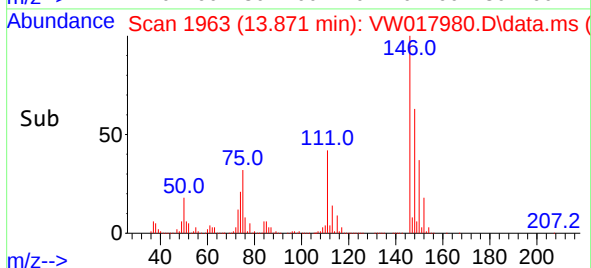
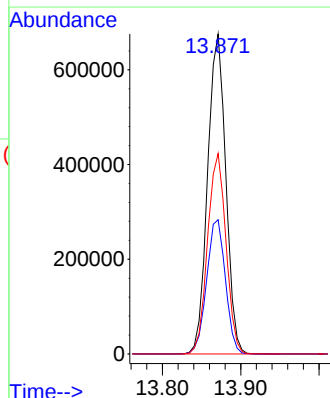
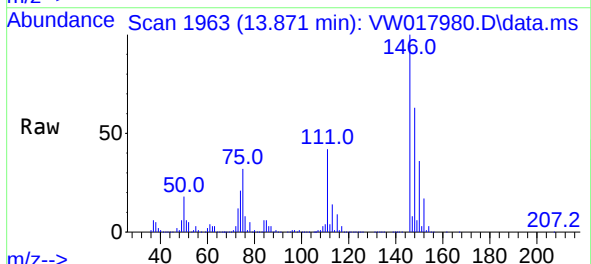
Instrument :
MSVOA_W
ClientSampleId :
VSTD100102

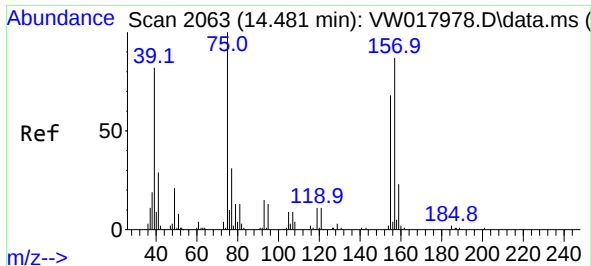
Tgt Ion:146 Resp: 1223750
Ion Ratio Lower Upper
146 100
111 38.4 28.8 53.4
148 60.8 46.8 87.0



#67
1,2-Dichlorobenzene
Concen: 100.98 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VW017980.D
Acq: 22 Jan 2021 15:57

Tgt Ion:146 Resp: 1087076
Ion Ratio Lower Upper
146 100
111 41.9 33.2 49.8
148 62.7 50.4 75.6

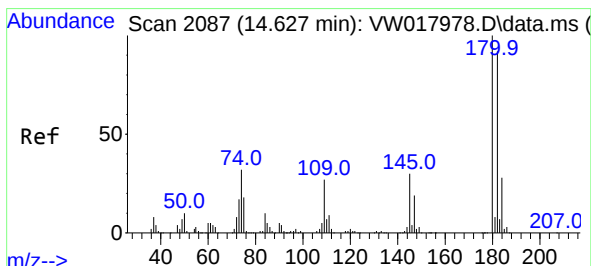
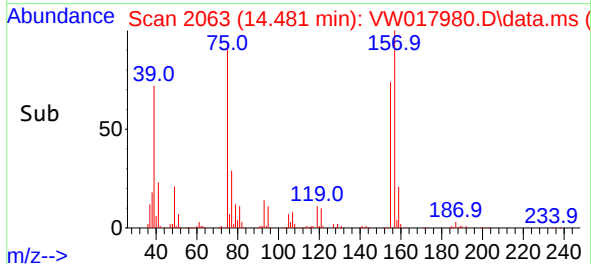
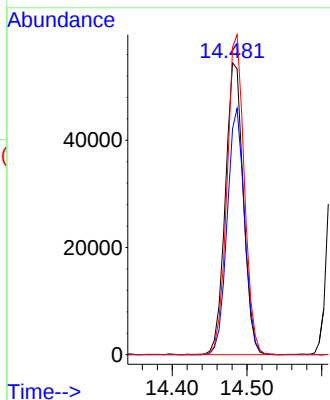
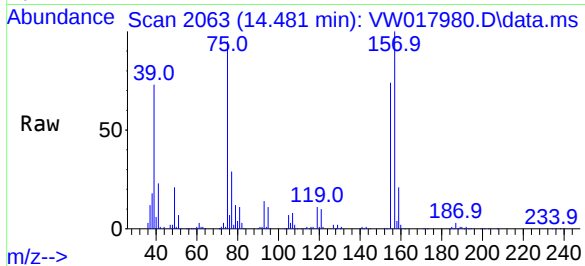




#68
1,2-Dibromo-3-chloropropane
Concen: 91.22 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW017980.D
Acq: 22 Jan 2021 15:57

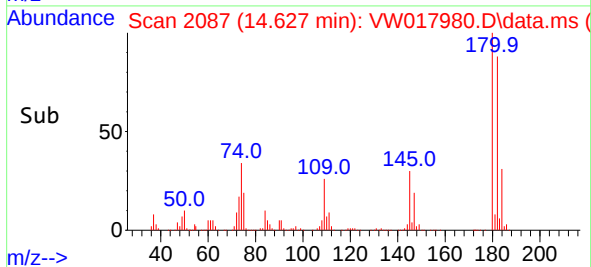
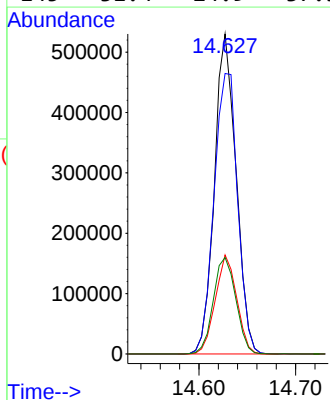
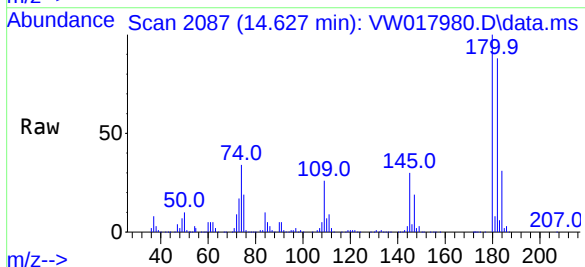
Instrument :
MSVOA_W
ClientSampleId :
VSTD100102

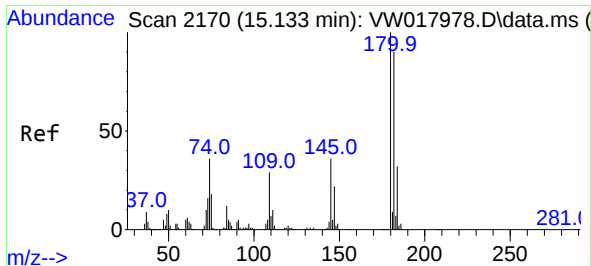
Tgt Ion: 75 Resp: 91214
Ion Ratio Lower Upper
75 100
155 77.5 59.4 89.0
157 105.4 72.2 108.2



#69
1,3,5-Trichlorobenzene
Concen: 102.38 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW017980.D
Acq: 22 Jan 2021 15:57

Tgt Ion:180 Resp: 822645
Ion Ratio Lower Upper
180 100
182 95.8 73.4 110.2
184 30.6 23.6 35.4
145 31.4 24.9 37.3

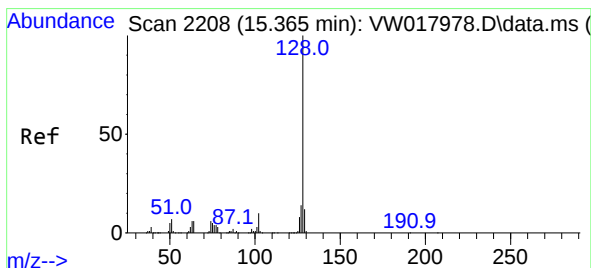
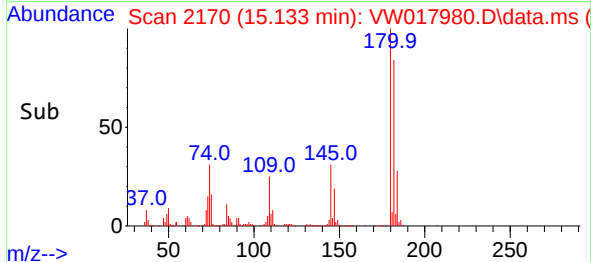
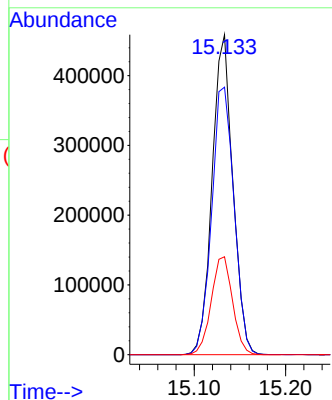
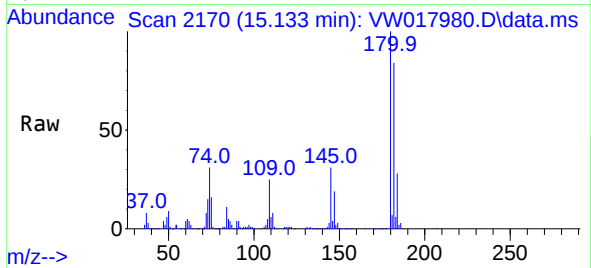




#70
1,2,4-trichlorobenzene
Concen: 104.29 ug/L
RT: 15.133 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VW017980.D
Acq: 22 Jan 2021 15:57

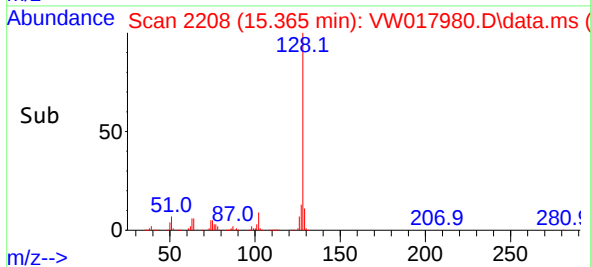
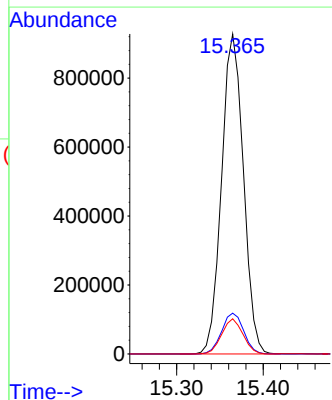
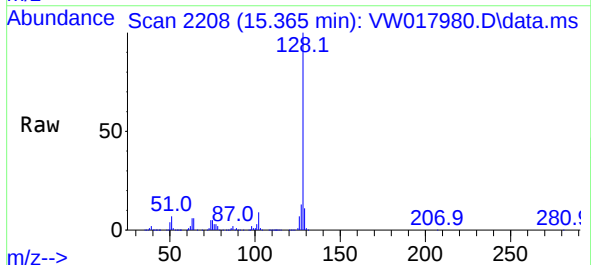
Instrument :
MSVOA_W
ClientSampleId :
VSTD100102

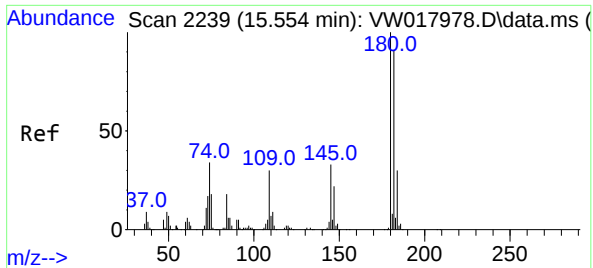
Tgt Ion:180 Resp: 721027
Ion Ratio Lower Upper
180 100
182 90.5 74.7 112.1
145 31.6 25.0 37.4



#71
Naphthalene
Concen: 101.27 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW017980.D
Acq: 22 Jan 2021 15:57

Tgt Ion:128 Resp: 1623393
Ion Ratio Lower Upper
128 100
127 12.9 10.6 15.8
129 10.7 9.0 13.6





#72
 1,2,3-Trichlorobenzene
 Concen: 101.69 ug/L
 RT: 15.554 min Scan# 2239
 Delta R.T. -0.000 min
 Lab File: VW017980.D
 Acq: 22 Jan 2021 15:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100102

Tgt Ion:180 Resp: 628897

Ion	Ratio	Lower	Upper
180	100		
182	92.2	76.7	115.1
145	33.8	28.9	43.3

