

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051221\
 Data File : VW018974.D
 Acq On : 12 May 2021 12:56
 Operator : SY/VA
 Sample : VSTD2.504
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 12 14:49:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM051221SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed May 12 14:44:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	590952	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	542335	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	271605	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	20443	2.78	ug/L	0.00
7) Chloroethane-d5	2.891	69	15504	2.68	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.025	63	36412	2.48	ug/L	0.00
21) 2-Butanone-d5	7.092	46	9006	4.86	ug/L	0.01
24) Chloroform-d	7.647	84	40335	2.63	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	20779	2.48	ug/L	0.00
32) Benzene-d6	8.275	84	81061	2.70	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	23547	2.65	ug/L	0.00
41) Toluene-d8	10.323	98	72166	2.56	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	9383	2.36	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	6983	4.65	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	19138	2.61	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	25842	2.79	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.013	85	11797	2.15	ug/L	97
3) Chloromethane	2.215	50	14391	2.71	ug/L	90
5) Vinyl chloride	2.367	62	20988	2.45	ug/L	100
6) Bromomethane	2.782	94	16967	2.78	ug/L	93
8) Chloroethane	2.934	64	12386	2.38	ug/L	93
9) Trichlorofluoromethane	3.263	101	12837	1.96	ug/L	97
12) 1,1-Dichloroethene	4.050	96	17668	2.33	ug/L	83
13) Acetone	4.135	43	7471	5.33	ug/L	90
14) Carbon disulfide	4.391	76	50434	2.23	ug/L	100
15) Methyl Acetate	4.672	43	6168	2.12	ug/L	93
16) Methylene chloride	4.915	84	33731	3.45	ug/L	91
17) trans-1,2-Dichloroethene	5.427	96	18846	2.30	ug/L	83
18) Methyl tert-butyl Ether	5.421	73	25608	2.32	ug/L	96
19) 1,1-Dichloroethane	6.220	63	33191	2.35	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	19529	2.27	ug/L	93
22) 2-Butanone	7.177	43	9842	5.02	ug/L	98
23) Bromochloromethane	7.512	128	9085	2.39	ug/L	88
25) Chloroform	7.677	83	35012	2.39	ug/L	95
27) 1,2-Dichloroethane	8.396	62	22834	2.33	ug/L #	91
29) Cyclohexane	7.958	56	27338	2.14	ug/L	96
30) 1,1,1-Trichloroethane	7.872	97	26961	2.28	ug/L	100
31) Carbon tetrachloride	8.067	117	24601	2.28	ug/L	100
33) Benzene	8.323	78	76961	2.39	ug/L	100
34) Trichloroethene	9.091	95	19850	2.32	ug/L	94
35) Methylcyclohexane	9.335	83	33005	2.19	ug/L	97
37) 1,2-Dichloropropane	9.372	63	18907	2.45	ug/L	97
38) Bromodichloromethane	9.646	83	23546	2.31	ug/L	92
39) cis-1,3-Dichloropropene	10.073	75	26122	2.14	ug/L	97
40) 4-Methyl-2-pentanone	10.213	43	20948	4.58	ug/L	95
42) Toluene	10.390	91	81875	2.30	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	22283	2.10	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	14504	2.41	ug/L	96

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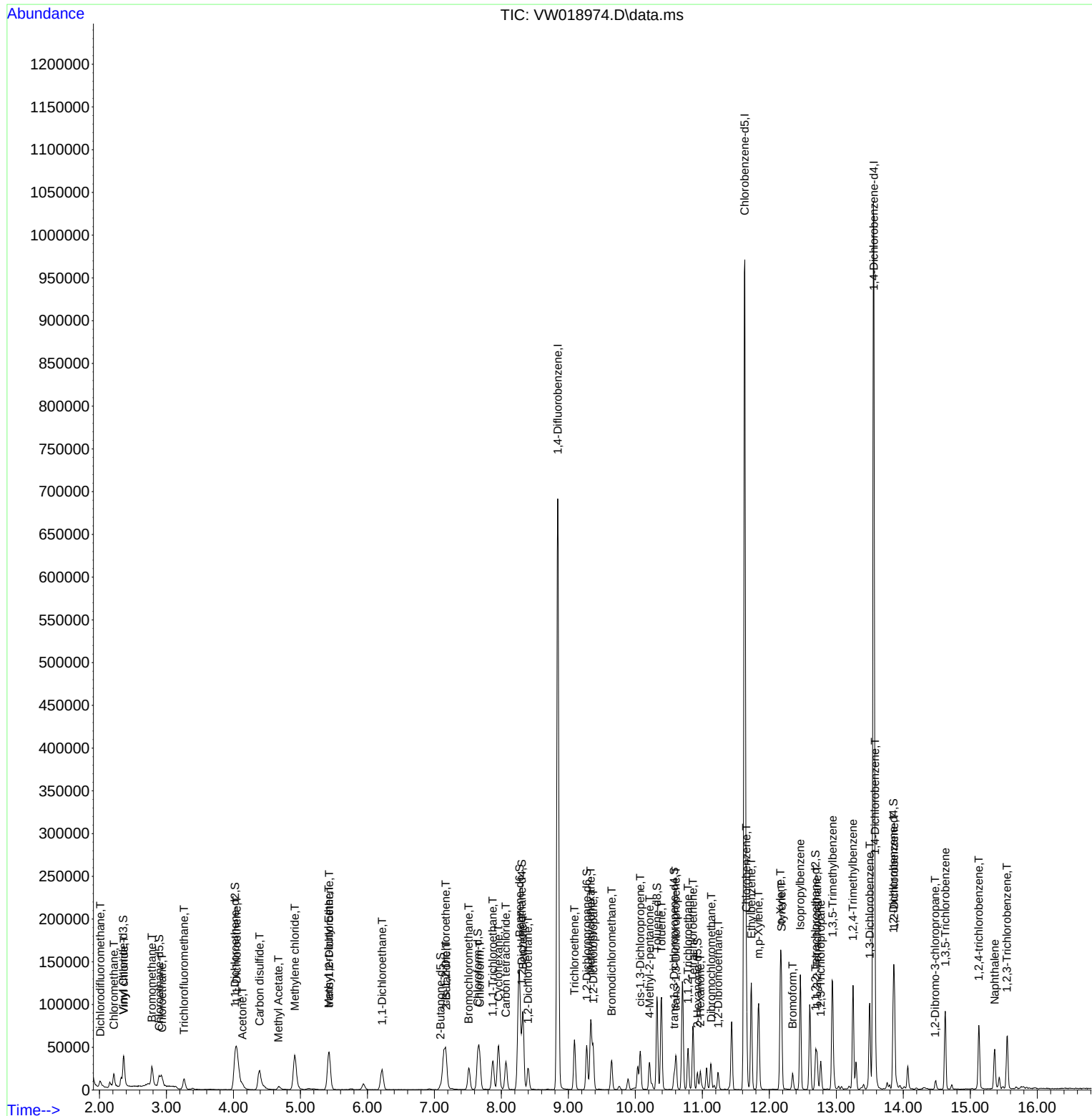
Quant Time: May 12 14:49:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM051221SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed May 12 14:44:36 2021
 Response via : Initial Calibration

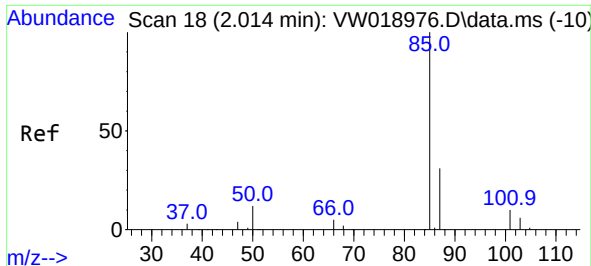
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Tetrachloroethene	10.859	164	15450	2.36	ug/L	96
48) 2-Hexanone	10.969	43	11517	3.90	ug/L #	88
49) Dibromochloromethane	11.134	129	15704	2.38	ug/L	93
50) 1,2-Dibromoethane	11.237	107	13672	2.34	ug/L #	94
51) Chlorobenzene	11.658	112	53007	2.42	ug/L	98
52) Ethylbenzene	11.731	91	87029	2.20	ug/L	99
53) m,p-Xylene	11.841	106	32360	2.21	ug/L	95
54) o-Xylene	12.164	106	29699	2.12	ug/L	92
55) Styrene	12.182	104	50184	2.13	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.713	83	17274	2.40	ug/L	98
59) Bromoform	12.347	173	7829	2.14	ug/L	98
60) Isopropylbenzene	12.463	105	82672	2.13	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	12928	2.35	ug/L	97
62) 1,3,5-Trimethylbenzene	12.944	105	67207	2.09	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	66381	2.06	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	38578	2.35	ug/L	98
65) 1,4-Dichlorobenzene	13.578	146	41137	2.49	ug/L	91
67) 1,2-Dichlorobenzene	13.865	146	35850	2.40	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.475	75	2748	2.37	ug/L #	68
69) 1,3,5-Trichlorobenzene	14.627	180	28599	2.41	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	23155	2.37	ug/L	98
71) Naphthalene	15.365	128	40388	2.03	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	20784	2.38	ug/L	98

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

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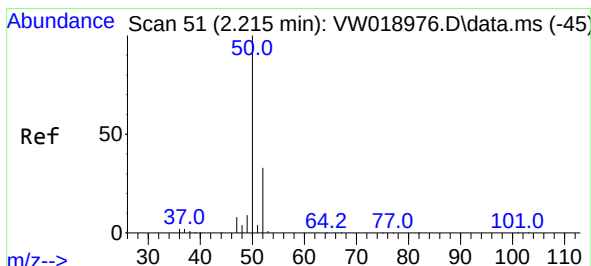
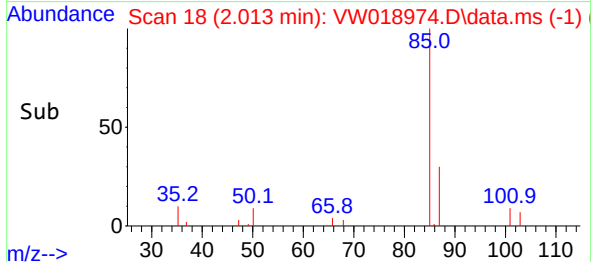
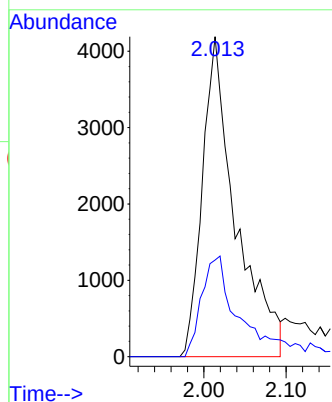
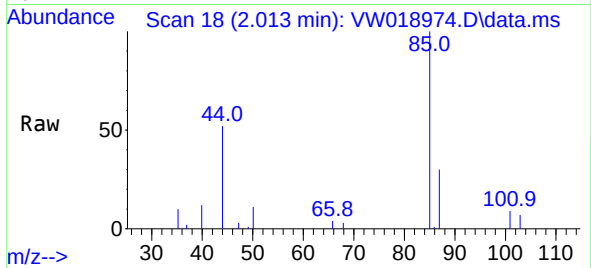




#2
Dichlorodifluoromethane
Concen: 2.15 ug/L
RT: 2.013 min Scan# 18
Delta R.T. -0.000 min
Lab File: VW018974.D
Acq: 12 May 2021 12:56

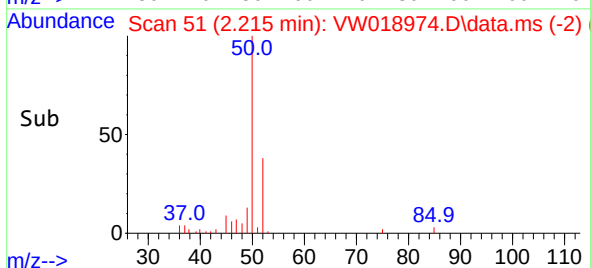
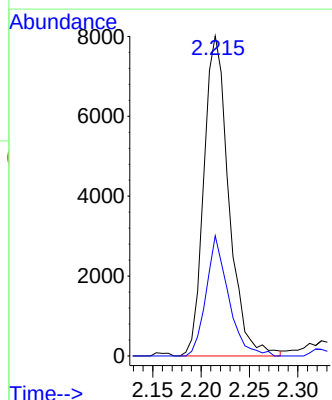
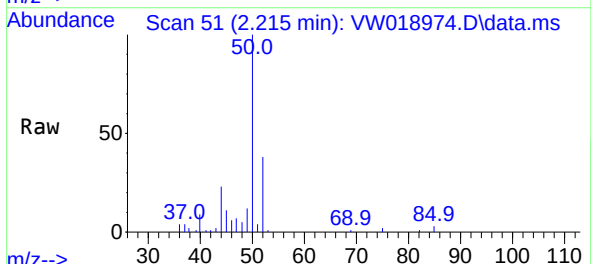
Instrument :
MSVOA_W
ClientSampleId :

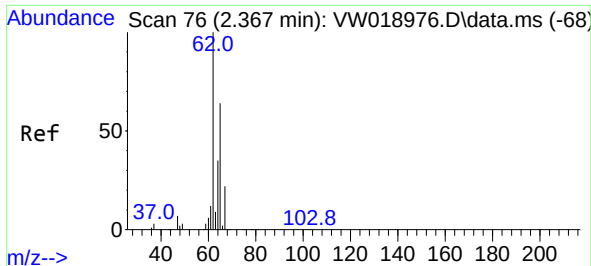
Tgt Ion: 85 Resp: 11797
Ion Ratio Lower Upper
85 100
87 30.7 23.3 34.9



#3
Chloromethane
Concen: 2.71 ug/L
RT: 2.215 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW018974.D
Acq: 12 May 2021 12:56

Tgt Ion: 50 Resp: 14391
Ion Ratio Lower Upper
50 100
52 37.6 22.5 41.9

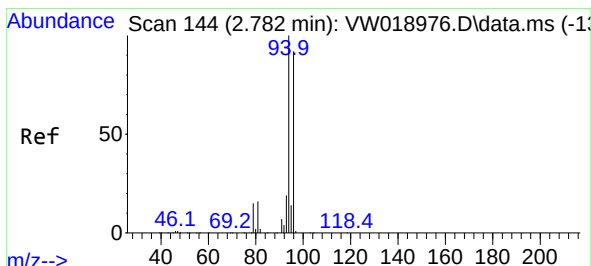
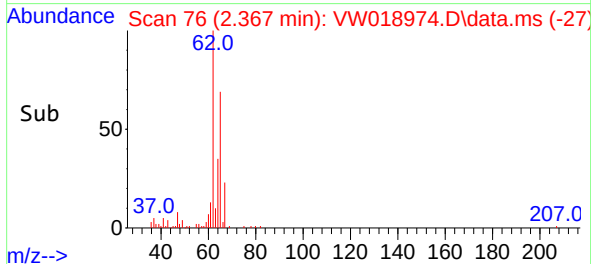
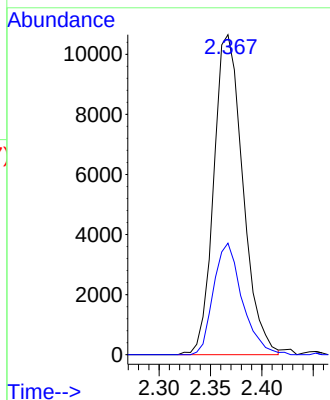
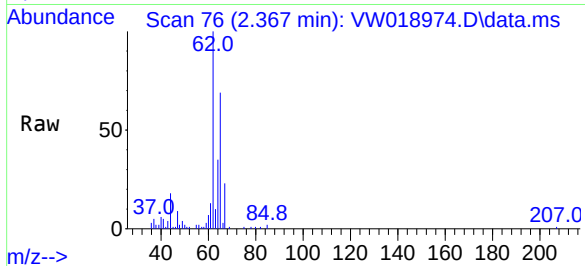




#5
 Vinyl chloride
 Concen: 2.45 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VW018974.D
 Acq: 12 May 2021 12:56

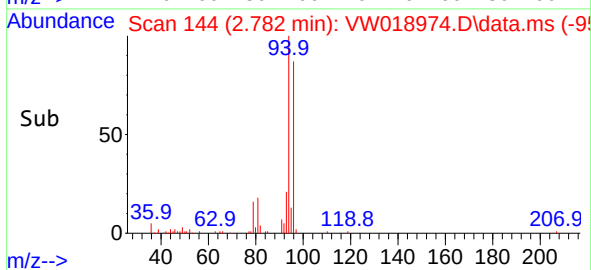
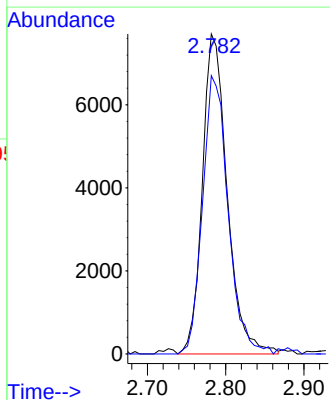
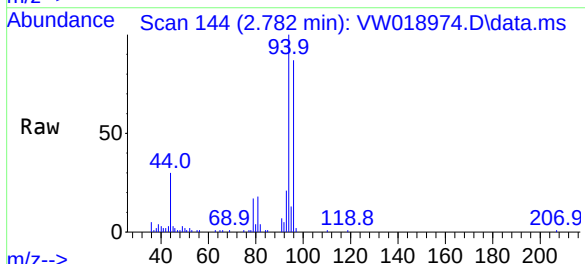
Instrument :
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 ClientSampled :

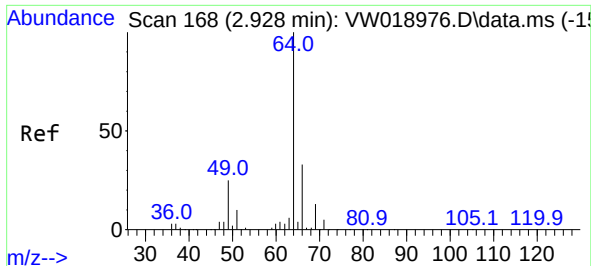
Tgt Ion: 62 Resp: 20988
 Ion Ratio Lower Upper
 62 100
 64 34.9 24.2 45.0



#6
 Bromomethane
 Concen: 2.78 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. -0.000 min
 Lab File: VW018974.D
 Acq: 12 May 2021 12:56

Tgt Ion: 94 Resp: 16967
 Ion Ratio Lower Upper
 94 100
 96 87.0 65.3 121.3

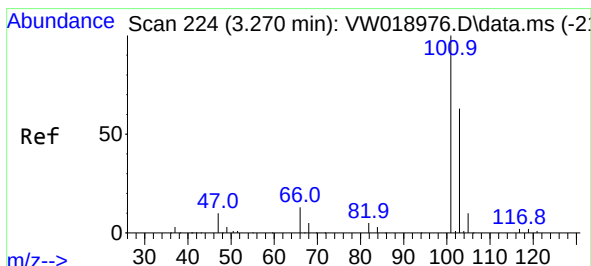
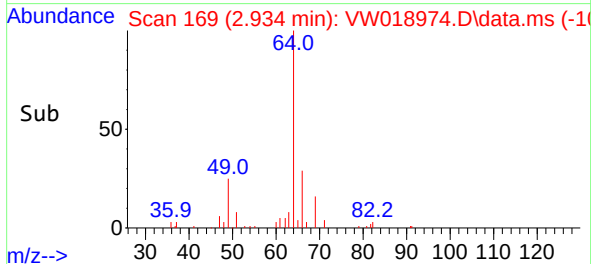
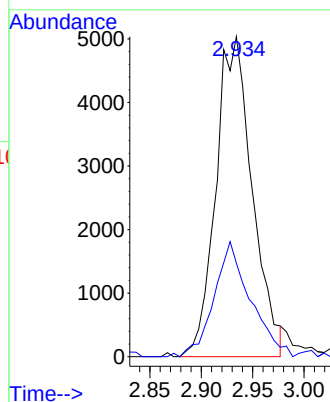
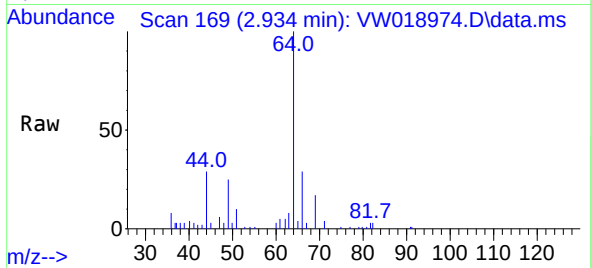




#8
Chloroethane
Concen: 2.38 ug/L
RT: 2.934 min Scan# 169
Delta R.T. 0.006 min
Lab File: VW018974.D
Acq: 12 May 2021 12:56

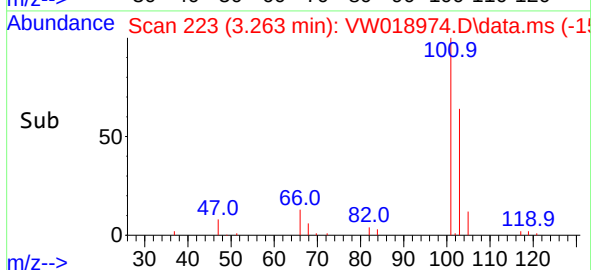
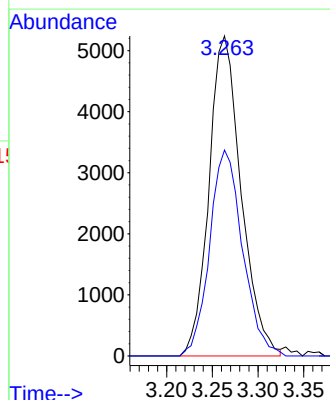
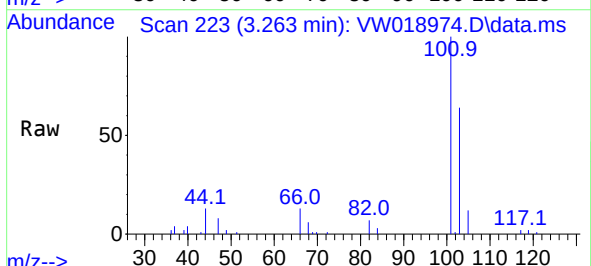
Instrument :
MSVOA_W
ClientSampled :

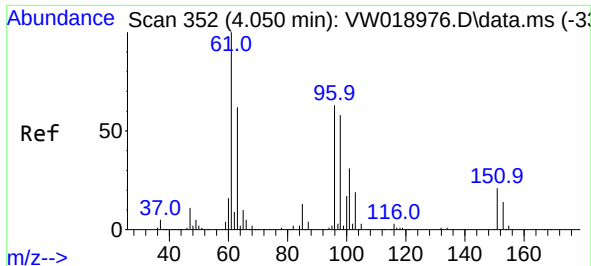
Tgt Ion: 64 Resp: 12386
Ion Ratio Lower Upper
64 100
66 29.2 23.4 43.6



#9
Trichlorofluoromethane
Concen: 1.96 ug/L
RT: 3.263 min Scan# 223
Delta R.T. -0.006 min
Lab File: VW018974.D
Acq: 12 May 2021 12:56

Tgt Ion: 101 Resp: 12837
Ion Ratio Lower Upper
101 100
103 65.8 51.0 76.4





#12

1,1-Dichloroethene

Concen: 2.33 ug/L

RT: 4.050 min Scan# 352

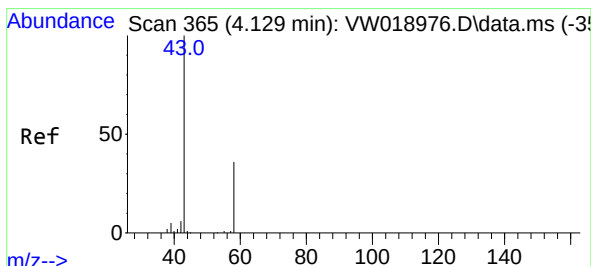
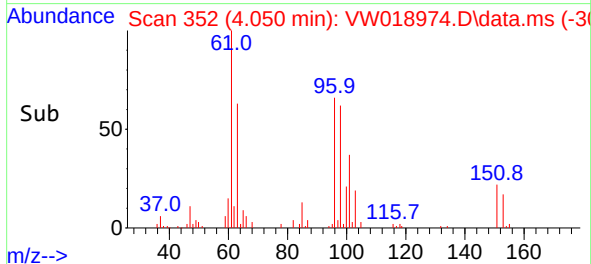
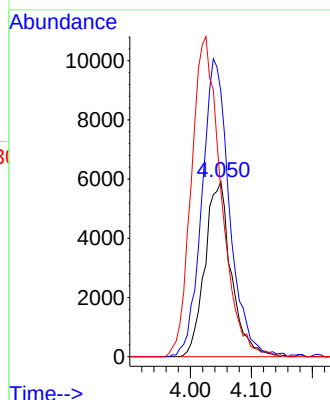
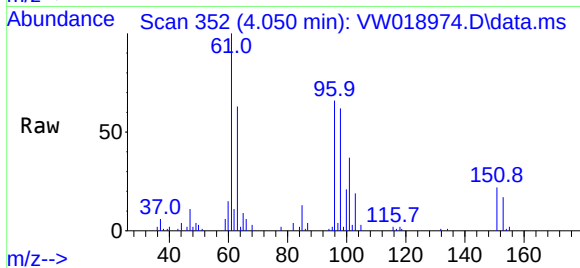
Delta R.T. -0.000 min

Lab File: VW018974.D

Acq: 12 May 2021 12:56

Tgt Ion: 96 Resp: 17668

Ion	Ratio	Lower	Upper
96	100		
61	151.4	118.1	219.3
63	94.8	83.7	155.5



#13

Acetone

Concen: 5.33 ug/L

RT: 4.135 min Scan# 366

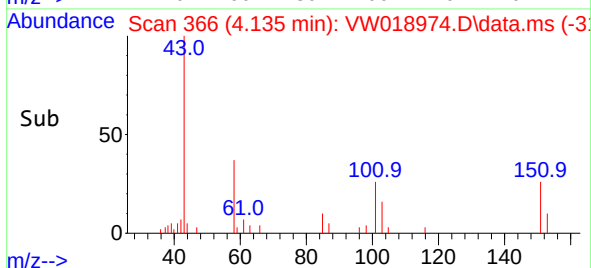
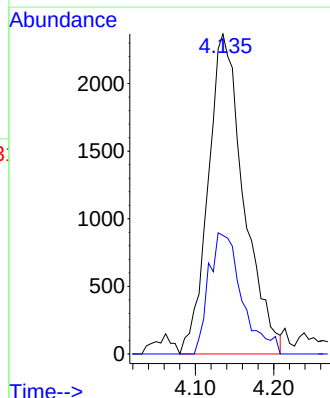
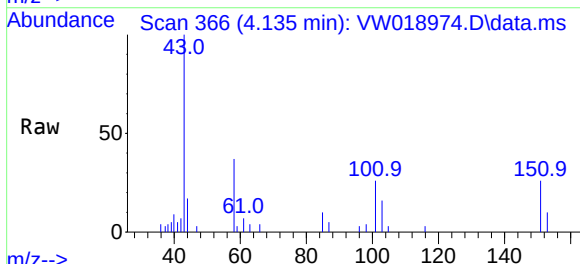
Delta R.T. 0.006 min

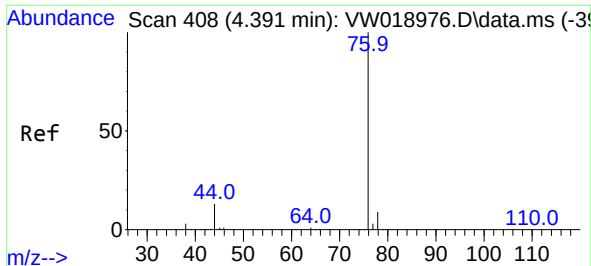
Lab File: VW018974.D

Acq: 12 May 2021 12:56

Tgt Ion: 43 Resp: 7471

Ion	Ratio	Lower	Upper
43	100		
58	31.9	0.0	53.8

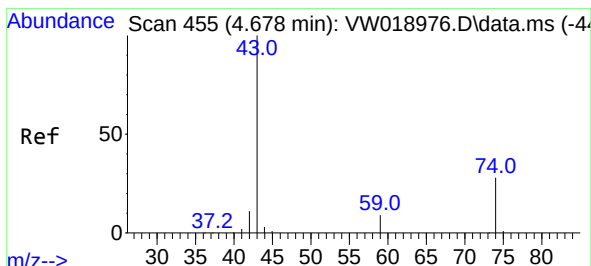
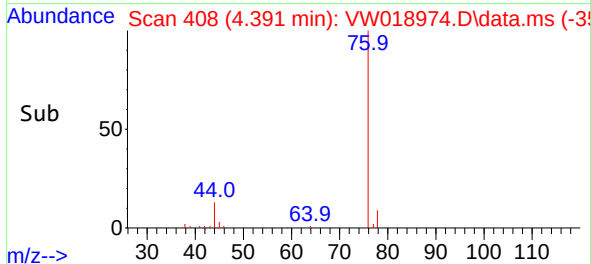
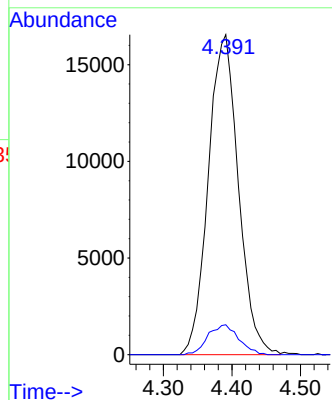
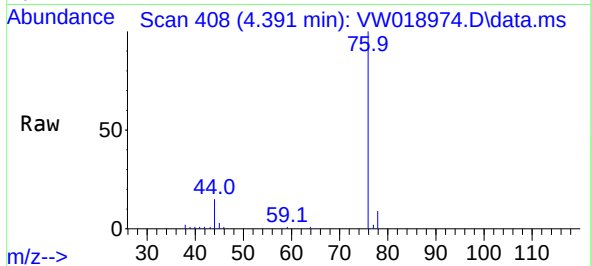




#14
Carbon disulfide
Concen: 2.23 ug/L
RT: 4.391 min Scan# 408
Delta R.T. -0.000 min
Lab File: VW018974.D
Acq: 12 May 2021 12:56

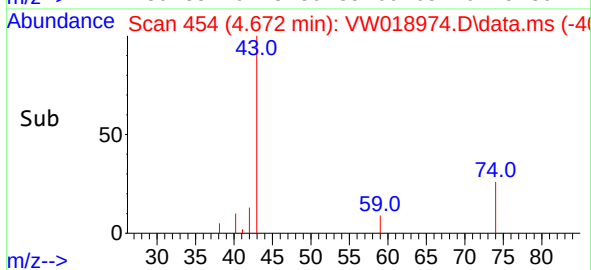
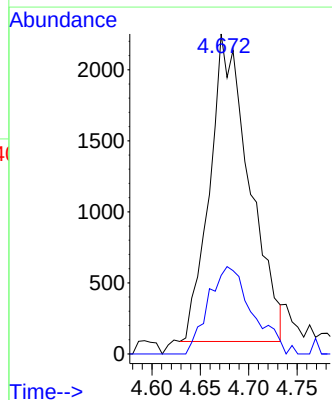
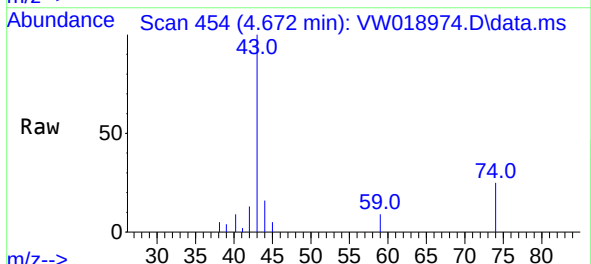
Instrument :
MSVOA_W
ClientSampled :

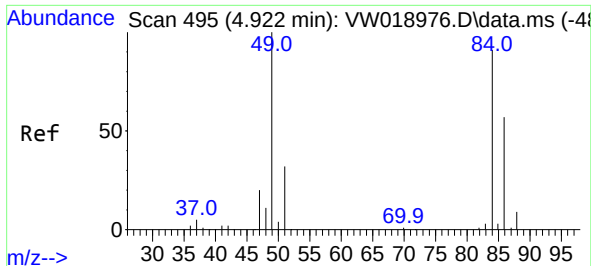
Tgt Ion: 76 Resp: 50434
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0



#15
Methyl Acetate
Concen: 2.12 ug/L
RT: 4.672 min Scan# 454
Delta R.T. -0.006 min
Lab File: VW018974.D
Acq: 12 May 2021 12:56

Tgt Ion: 43 Resp: 6168
Ion Ratio Lower Upper
43 100
74 28.4 20.0 30.0

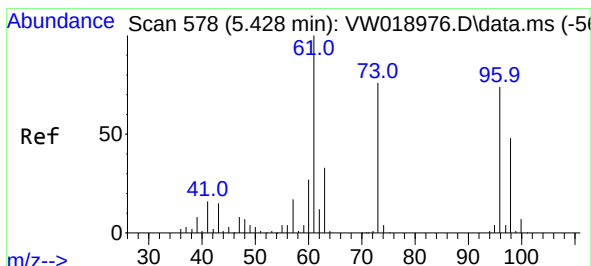
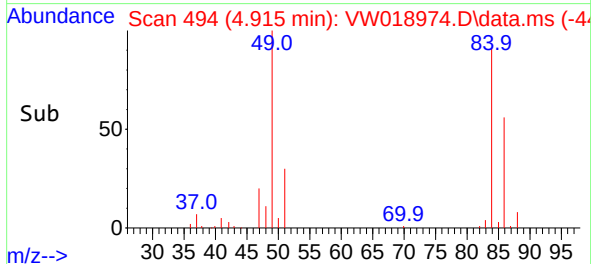
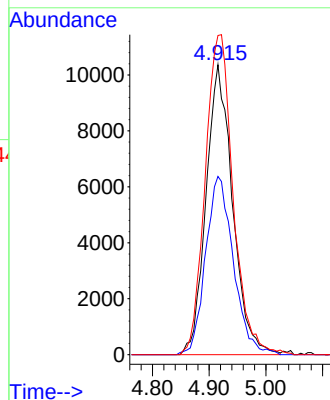
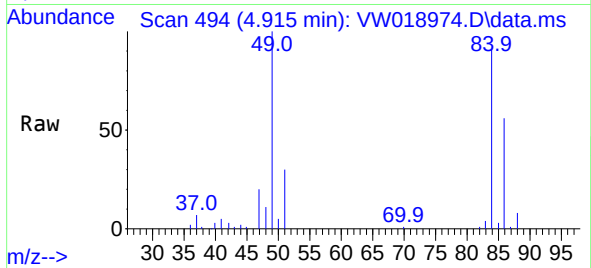




#16
Methylene chloride
Concen: 3.45 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW018974.D
Acq: 12 May 2021 12:56

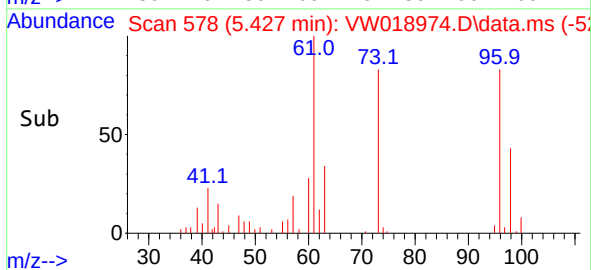
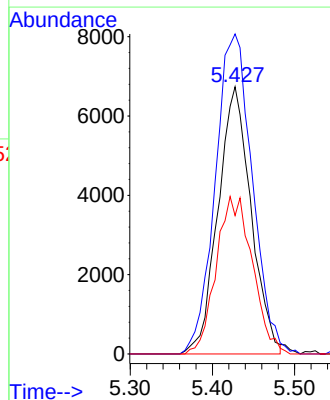
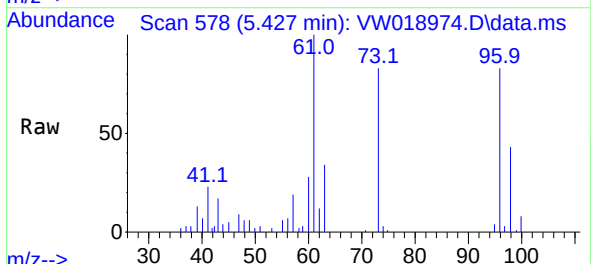
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MSVOA_W
ClientSampled :

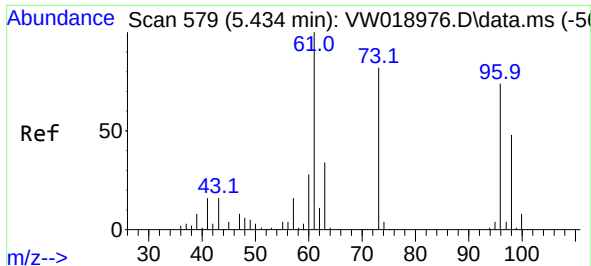
Tgt Ion: 84 Resp: 33731
Ion Ratio Lower Upper
84 100
86 61.5 45.3 84.1
49 110.1 86.6 160.8



#17
trans-1,2-Dichloroethene
Concen: 2.30 ug/L
RT: 5.427 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW018974.D
Acq: 12 May 2021 12:56

Tgt Ion: 96 Resp: 18846
Ion Ratio Lower Upper
96 100
61 119.8 98.3 182.7
98 51.8 46.1 85.7

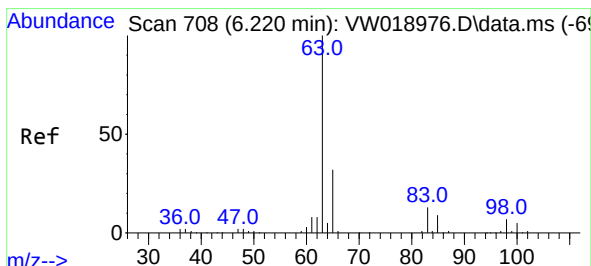
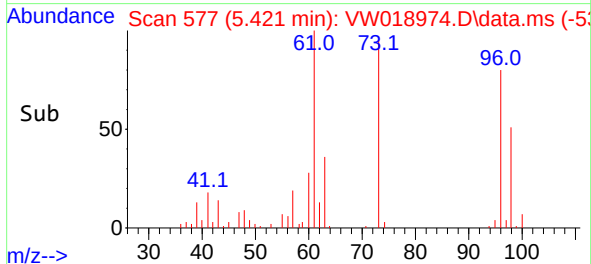
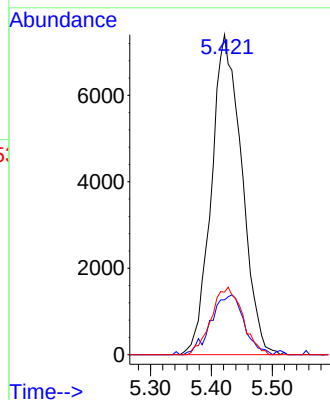
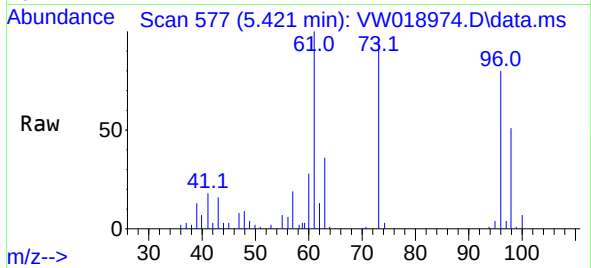




#18
Methyl tert-butyl Ether
Concen: 2.32 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.012 min
Lab File: VW018974.D
Acq: 12 May 2021 12:56

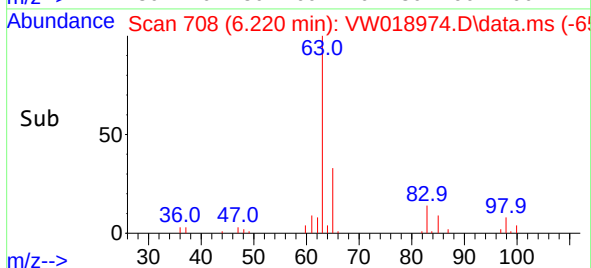
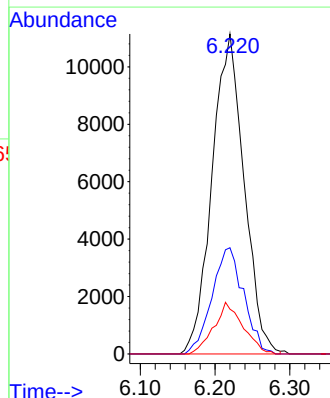
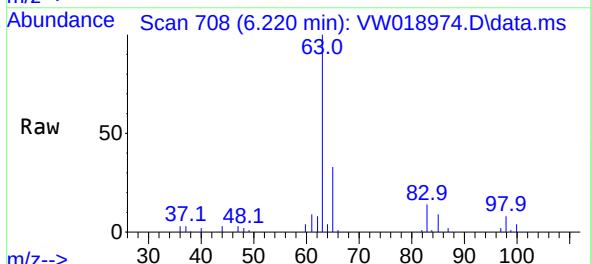
Instrument :
MSVOA_W
ClientSampled :

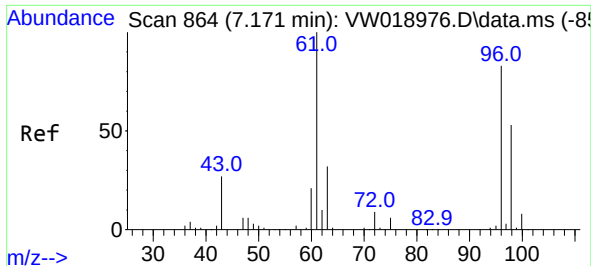
Tgt Ion:	73	Resp:	25608
Ion	Ratio	Lower	Upper
73	100		
43	18.9	17.7	26.5
57	21.7	17.0	25.4



#19
1,1-Dichloroethane
Concen: 2.35 ug/L
RT: 6.220 min Scan# 708
Delta R.T. -0.000 min
Lab File: VW018974.D
Acq: 12 May 2021 12:56

Tgt Ion:	63	Resp:	33191
Ion	Ratio	Lower	Upper
63	100		
65	33.2	22.9	42.5
83	14.0	10.2	19.0

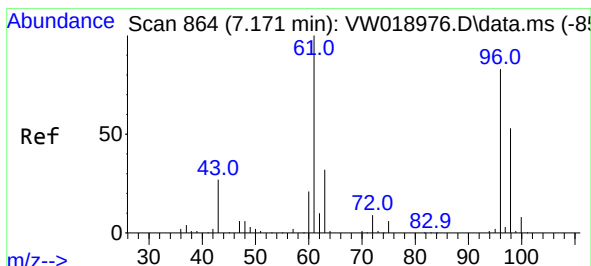
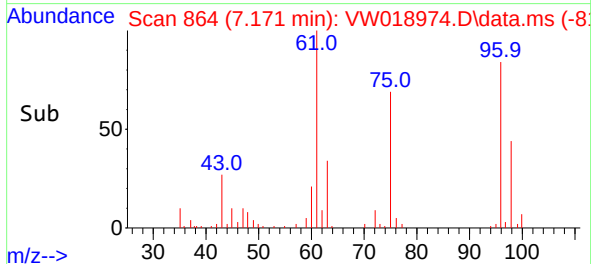
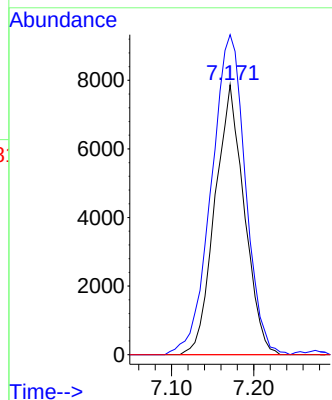
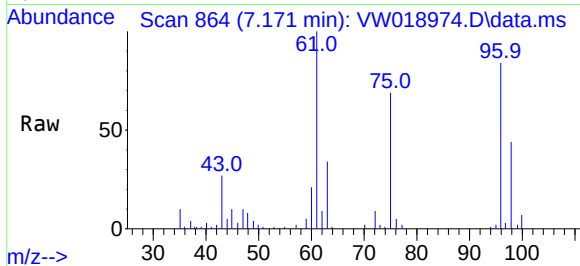




#20
cis-1,2-Dichloroethene
Concen: 2.27 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW018974.D
Acq: 12 May 2021 12:56

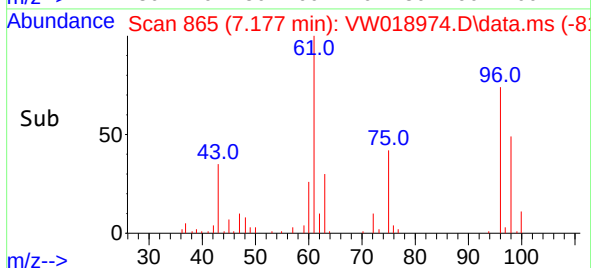
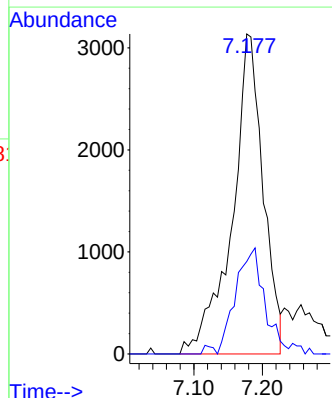
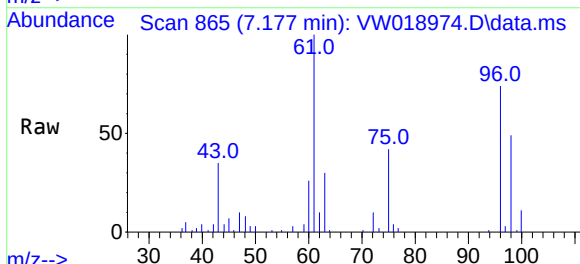
Instrument :
MSVOA_W
ClientSampled :

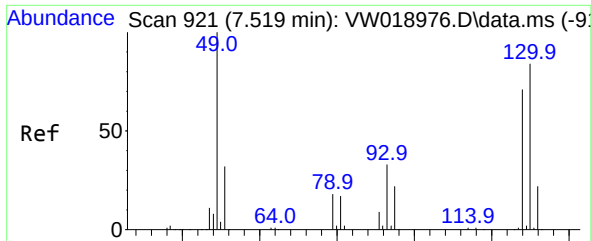
Tgt Ion: 96 Resp: 19529
Ion Ratio Lower Upper
96 100
61 118.6 88.5 164.3
68 0.0 0.0 0.0



#22
2-Butanone
Concen: 5.02 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW018974.D
Acq: 12 May 2021 12:56

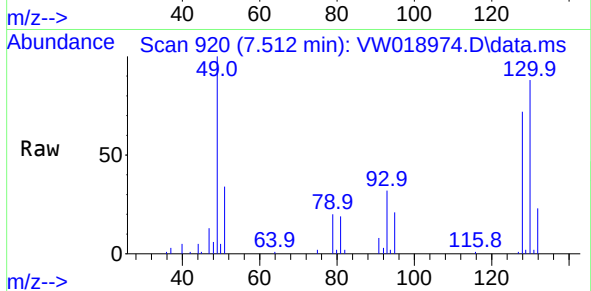
Tgt Ion: 43 Resp: 9842
Ion Ratio Lower Upper
43 100
72 28.7 14.9 44.7



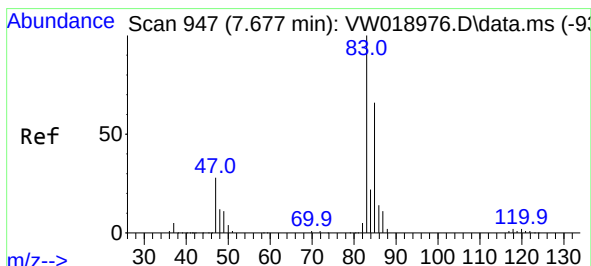
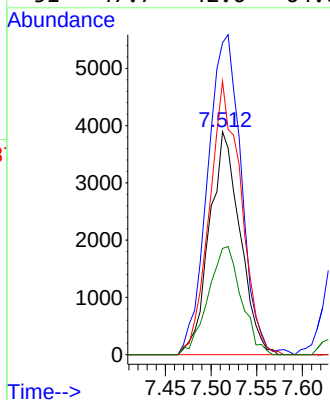
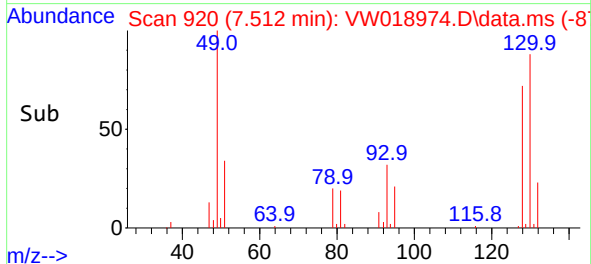


#23
Bromochloromethane
Concen: 2.39 ug/L
RT: 7.512 min Scan# 920
Delta R.T. -0.006 min
Lab File: VW018974.D
Acq: 12 May 2021 12:56

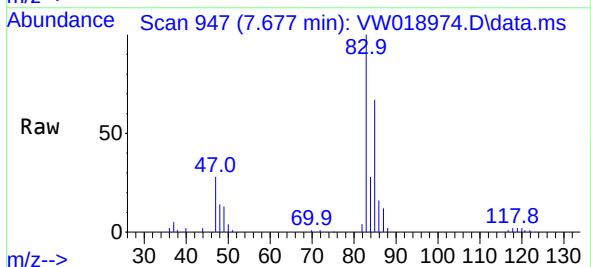
Instrument :
MSVOA_W
ClientSampled :



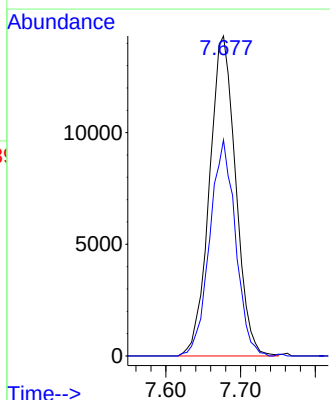
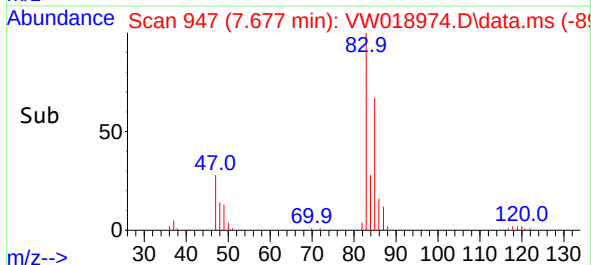
Tgt Ion:128 Resp: 9085
Ion Ratio Lower Upper
128 100
49 139.8 116.3 215.9
130 122.7 82.4 153.0
51 47.7 42.6 64.0

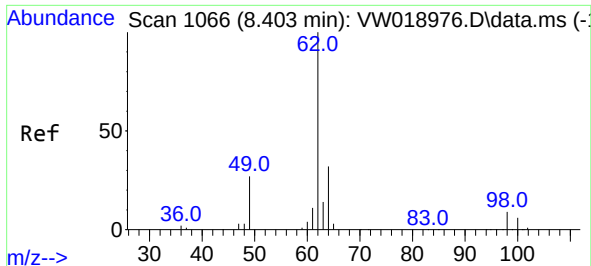


#25
Chloroform
Concen: 2.39 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW018974.D
Acq: 12 May 2021 12:56



Tgt Ion: 83 Resp: 35012
Ion Ratio Lower Upper
83 100
85 67.5 44.6 82.8

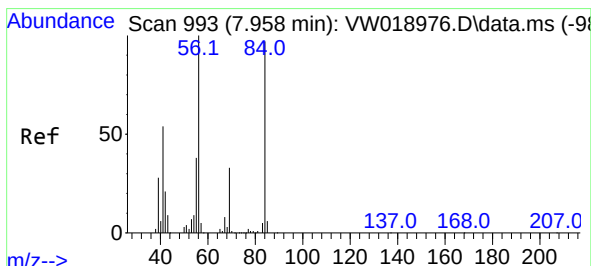
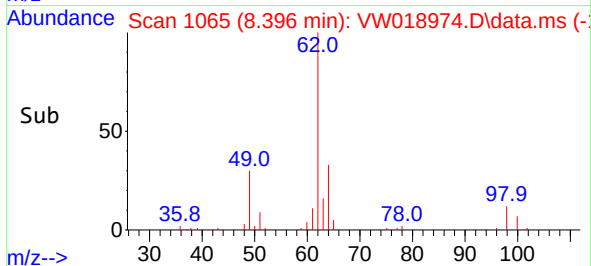
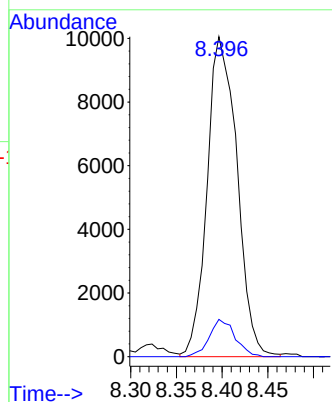
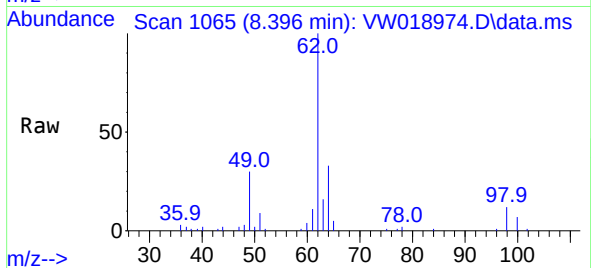




#27
1,2-Dichloroethane
Concen: 2.33 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW018974.D
Acq: 12 May 2021 12:56

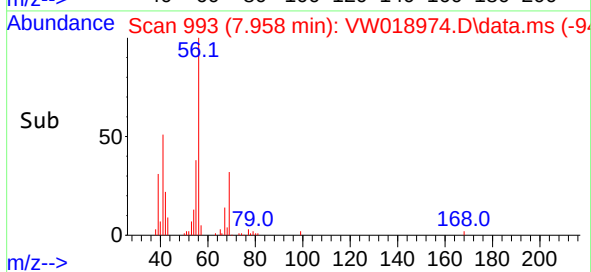
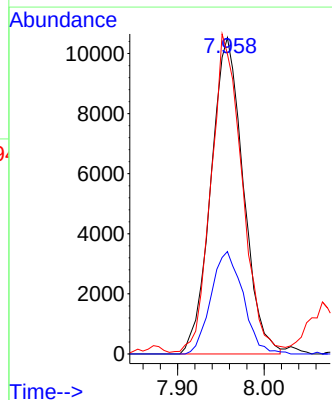
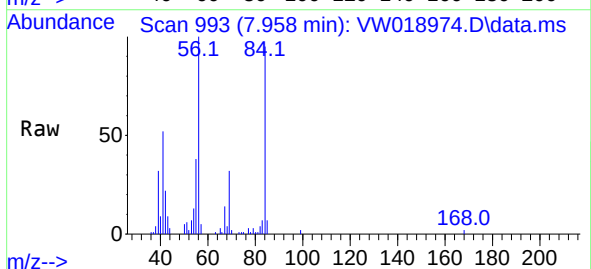
Instrument :
MSVOA_W
ClientSampleId :

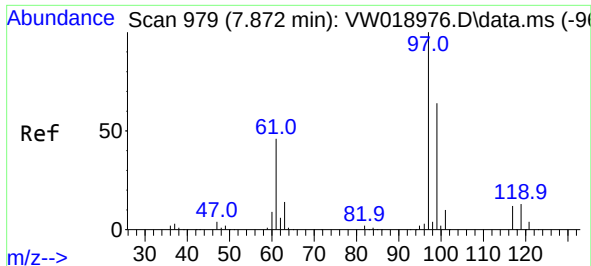
Tgt Ion: 62 Resp: 22834
Ion Ratio Lower Upper
62 100
98 11.7 6.9 10.3#



#29
Cyclohexane
Concen: 2.14 ug/L
RT: 7.958 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW018974.D
Acq: 12 May 2021 12:56

Tgt Ion: 56 Resp: 27338
Ion Ratio Lower Upper
56 100
69 32.1 24.5 36.7
84 97.3 75.0 112.4

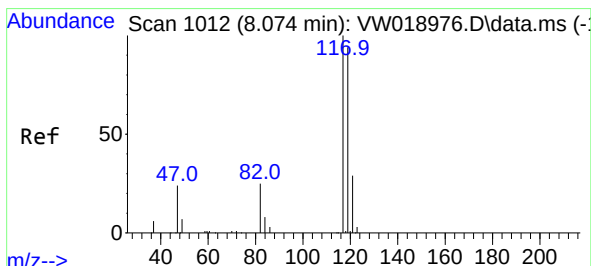
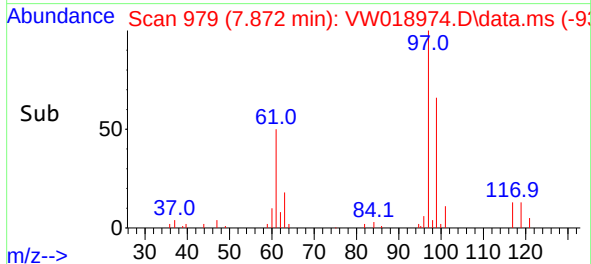
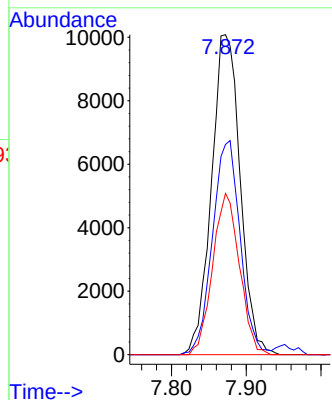
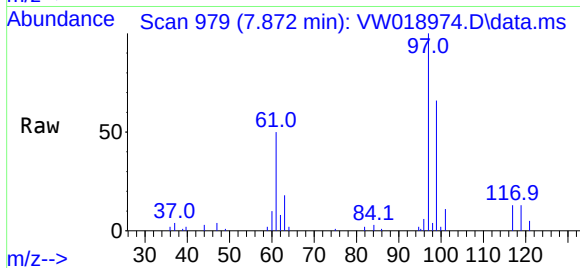




#30
1,1,1-Trichloroethane
Concen: 2.28 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW018974.D
Acq: 12 May 2021 12:56

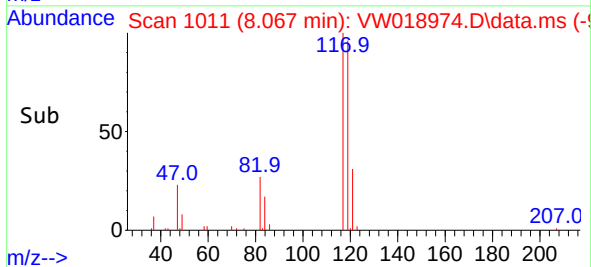
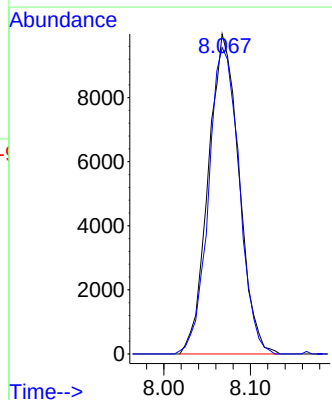
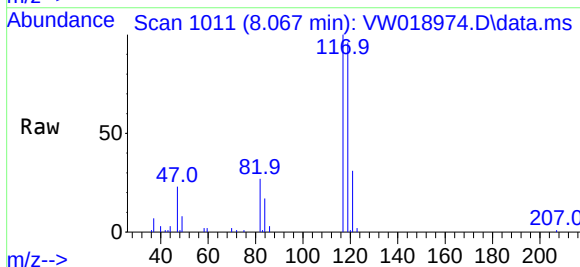
Instrument :
MSVOA_W
ClientSampled :

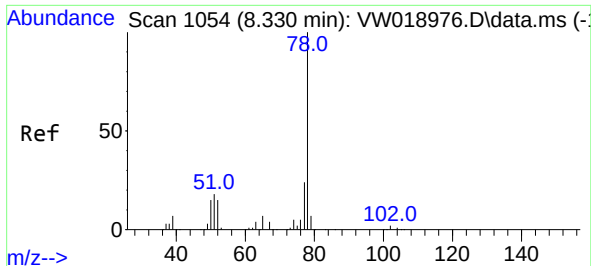
Tgt Ion:	97	Resp:	26961
Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.4	77.2
61	47.0	37.8	56.6



#31
Carbon tetrachloride
Concen: 2.28 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.006 min
Lab File: VW018974.D
Acq: 12 May 2021 12:56

Tgt Ion:	117	Resp:	24601
Ion	Ratio	Lower	Upper
117	100		
119	95.6	76.5	114.7

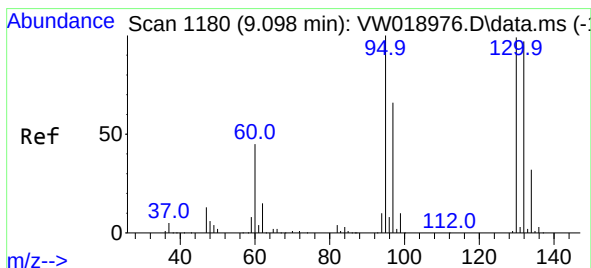
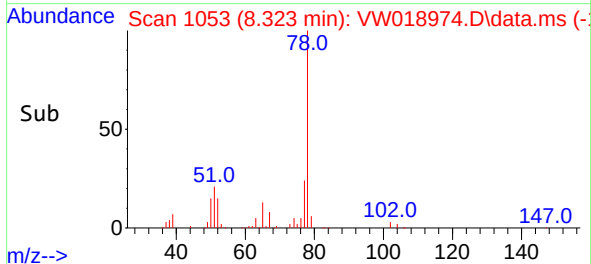
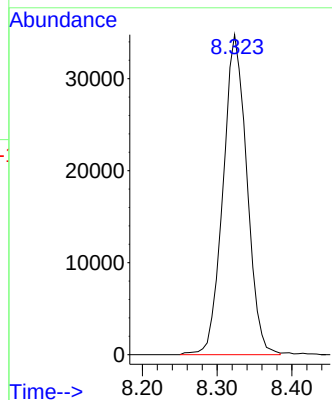
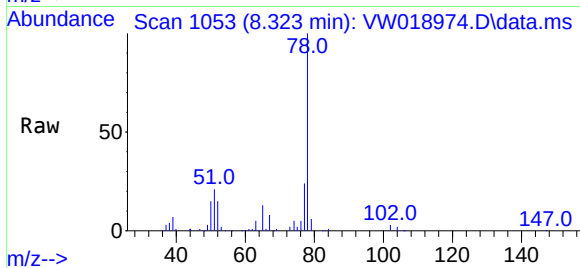




#33
Benzene
Concen: 2.39 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VW018974.D
Acq: 12 May 2021 12:56

Instrument :
MSVOA_W
ClientSampled :

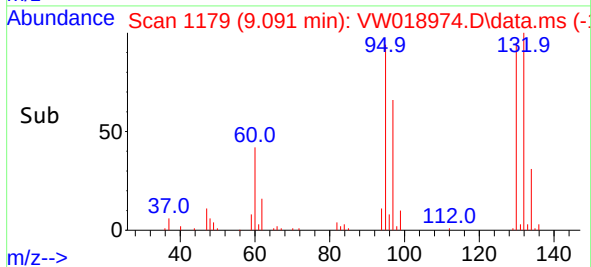
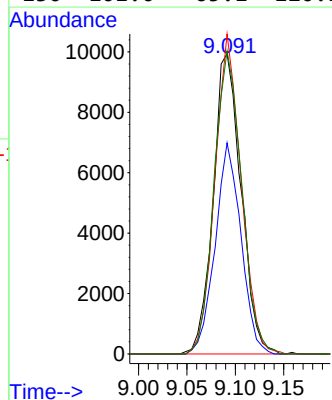
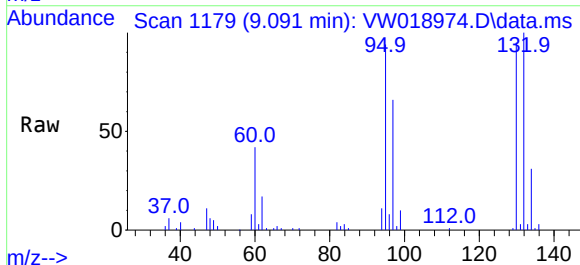
Tgt Ion: 78 Resp: 76961

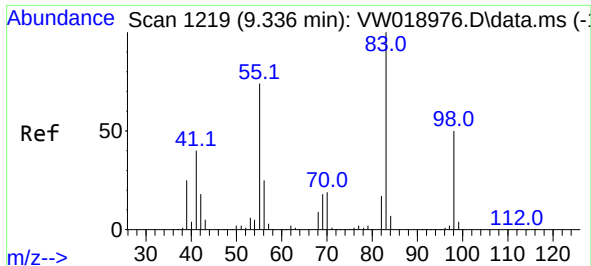


#34
Trichloroethene
Concen: 2.32 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.006 min
Lab File: VW018974.D
Acq: 12 May 2021 12:56

Tgt Ion: 95 Resp: 19850

Ion	Ratio	Lower	Upper
95	100		
97	70.3	47.3	87.8
132	106.6	71.0	131.8
130	101.0	65.1	120.9

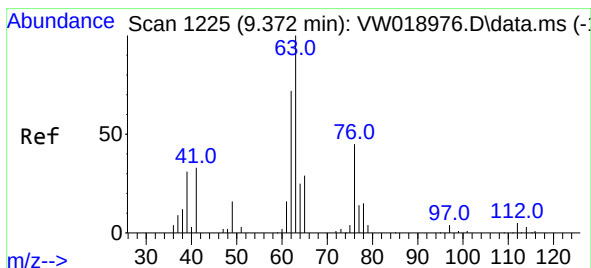
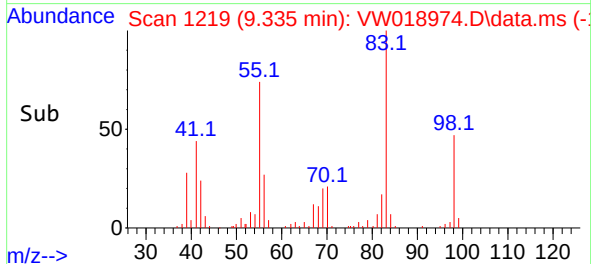
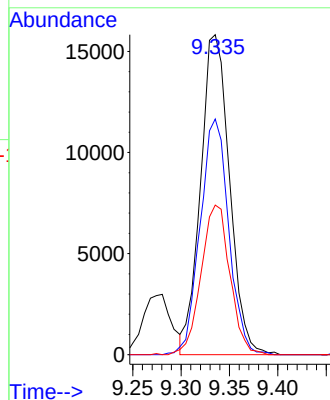
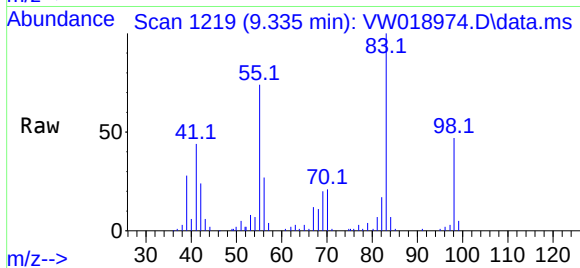




#35
Methylcyclohexane
Concen: 2.19 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW018974.D
Acq: 12 May 2021 12:56

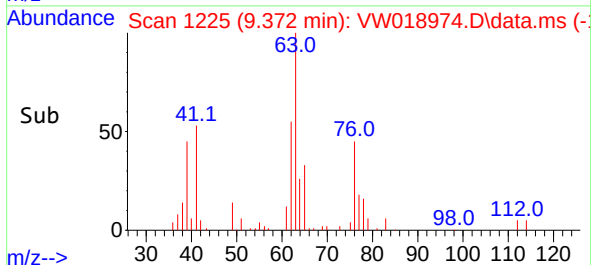
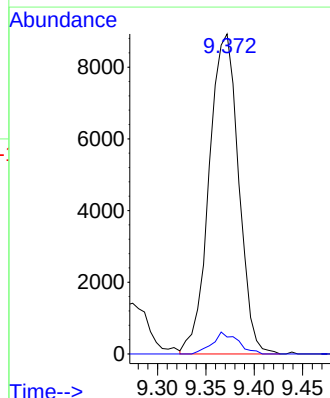
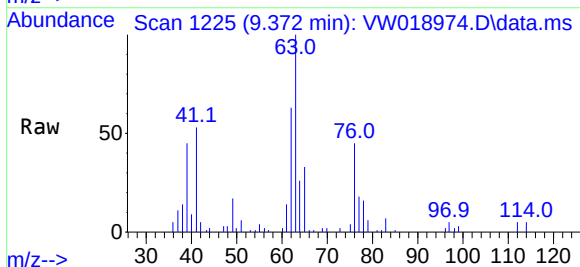
Instrument :
MSVOA_W
ClientSampleId :

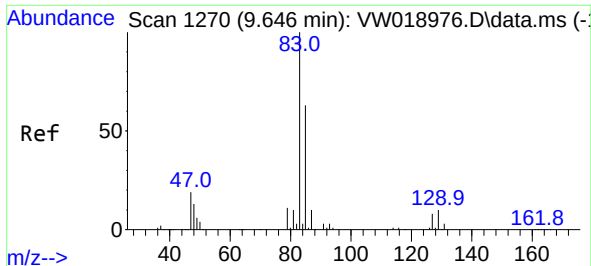
Tgt Ion: 83 Resp: 33005
Ion Ratio Lower Upper
83 100
55 72.7 58.9 88.3
98 46.5 40.1 60.1



#37
1,2-Dichloropropane
Concen: 2.45 ug/L
RT: 9.372 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VW018974.D
Acq: 12 May 2021 12:56

Tgt Ion: 63 Resp: 18907
Ion Ratio Lower Upper
63 100
112 5.9 3.9 5.9

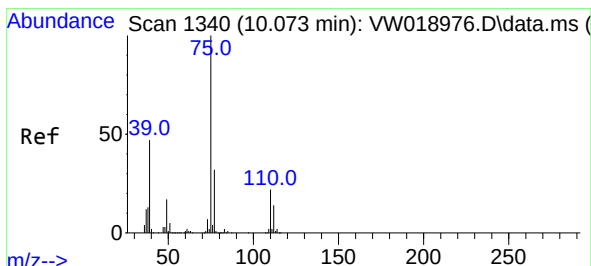
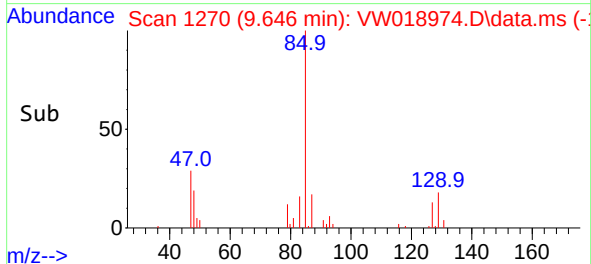
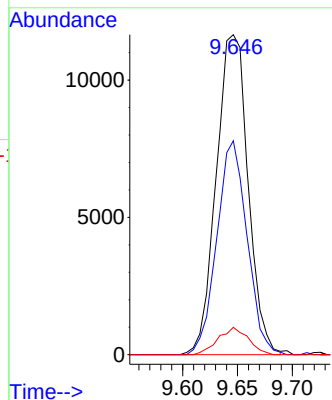
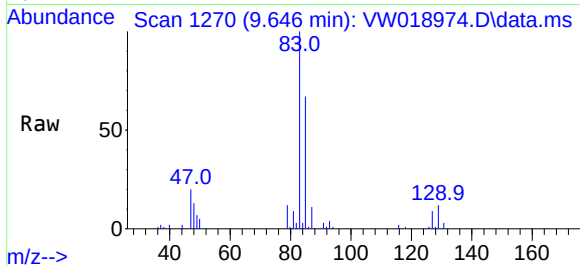




#38
Bromodichloromethane
Concen: 2.31 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VW018974.D
Acq: 12 May 2021 12:56

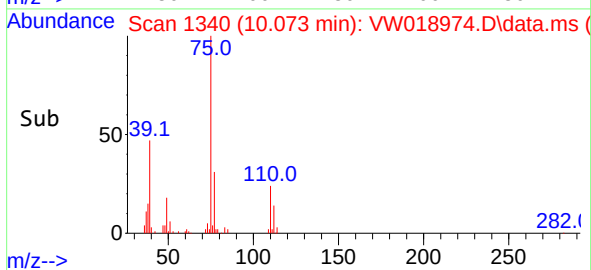
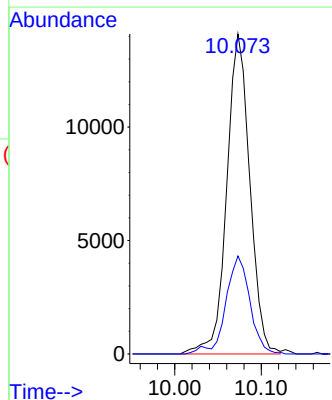
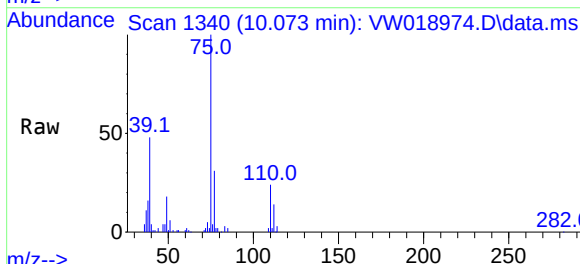
Instrument :
MSVOA_W
ClientSampled :

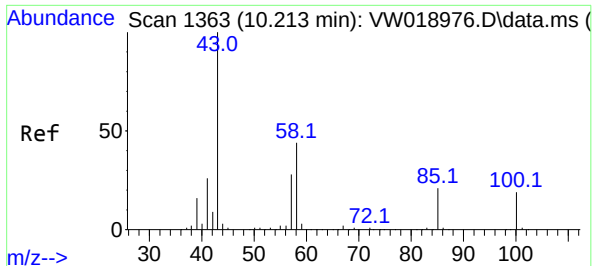
Tgt Ion:	83	Resp:	23546
Ion	Ratio	Lower	Upper
83	100		
85	66.8	42.3	78.5
127	8.5	6.6	9.8



#39
cis-1,3-Dichloropropene
Concen: 2.14 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW018974.D
Acq: 12 May 2021 12:56

Tgt Ion:	75	Resp:	26122
Ion	Ratio	Lower	Upper
75	100		
77	30.6	22.6	42.0

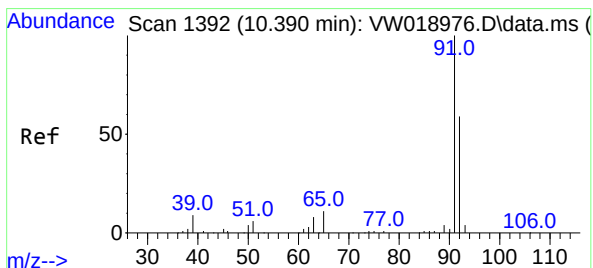
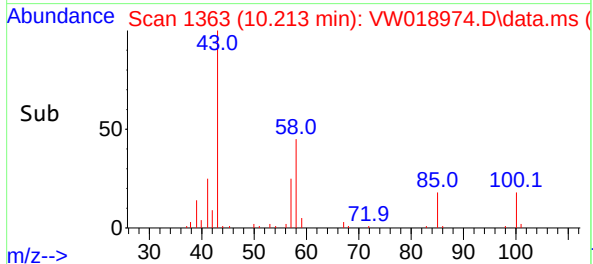
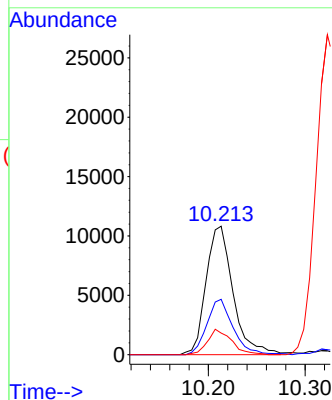
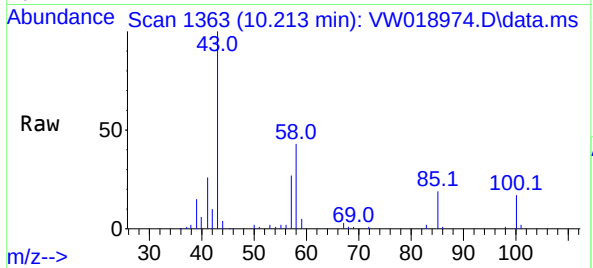




#40
4-Methyl-2-pentanone
Concen: 4.58 ug/L
RT: 10.213 min Scan# 1363
Delta R.T. -0.000 min
Lab File: VW018974.D
Acq: 12 May 2021 12:56

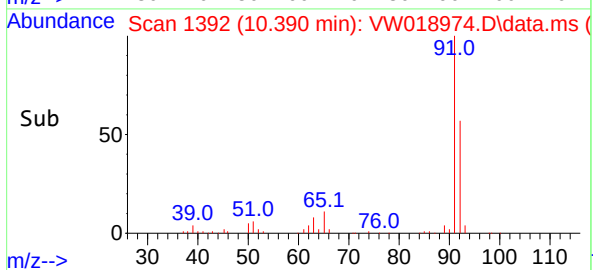
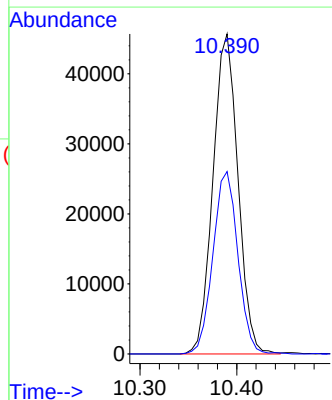
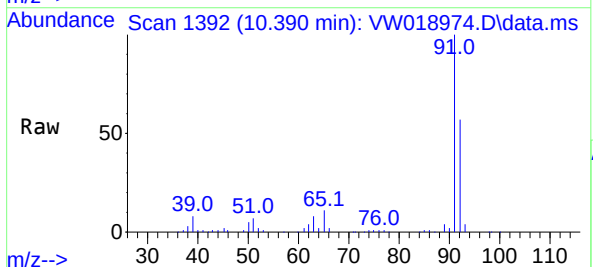
Instrument :
MSVOA_W
ClientSampled :

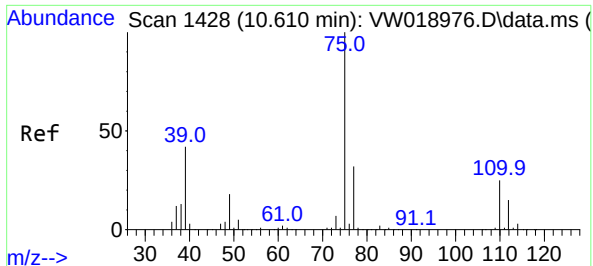
Tgt Ion: 43 Resp: 20948
Ion Ratio Lower Upper
43 100
58 42.0 31.0 46.4
100 17.7 13.0 19.6



#42
Toluene
Concen: 2.30 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW018974.D
Acq: 12 May 2021 12:56

Tgt Ion: 91 Resp: 81875
Ion Ratio Lower Upper
91 100
92 57.0 39.5 73.3

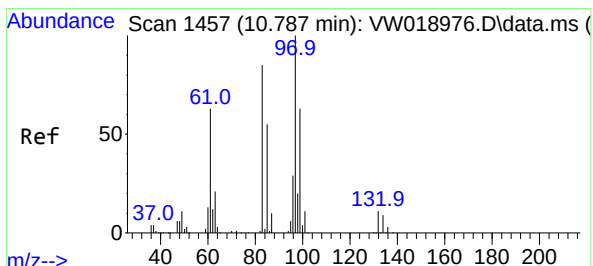
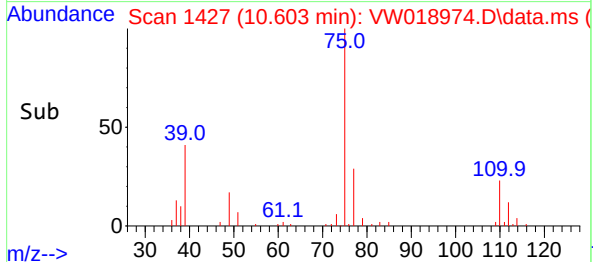
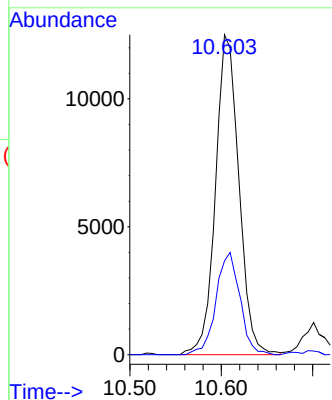
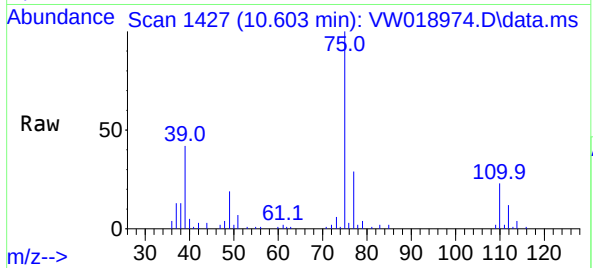




#44
trans-1,3-Dichloropropene
Concen: 2.10 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.006 min
Lab File: VW018974.D
Acq: 12 May 2021 12:56

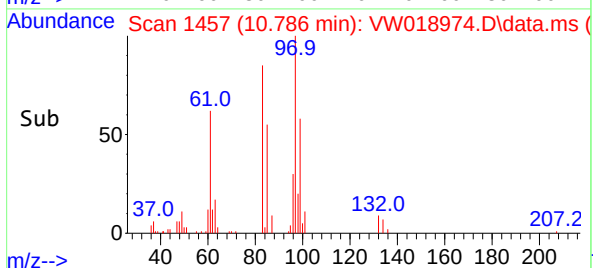
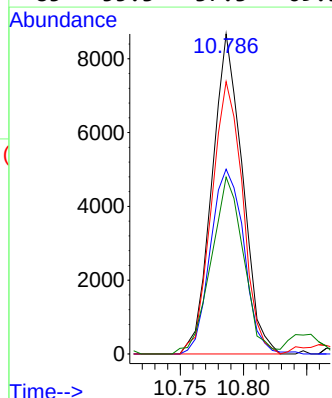
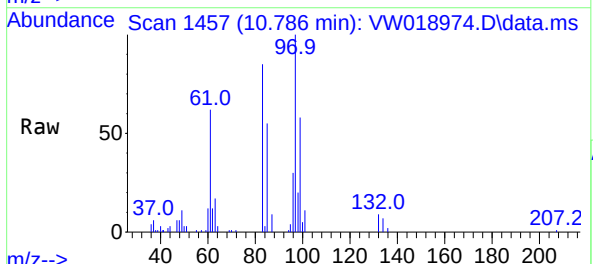
Instrument :
MSVOA_W
ClientSampled :

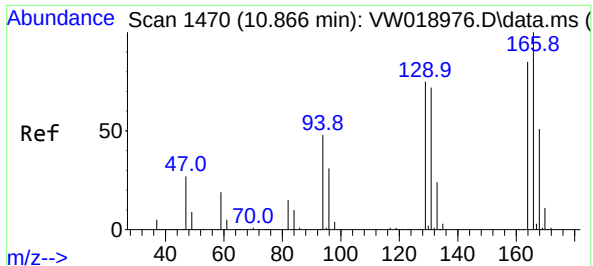
Tgt Ion: 75 Resp: 22283
Ion Ratio Lower Upper
75 100
77 29.3 21.1 39.1



#45
1,1,2-Trichloroethane
Concen: 2.41 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW018974.D
Acq: 12 May 2021 12:56

Tgt Ion: 97 Resp: 14504
Ion Ratio Lower Upper
97 100
99 57.7 45.1 83.7
83 85.1 58.1 107.9
85 55.3 37.3 69.3



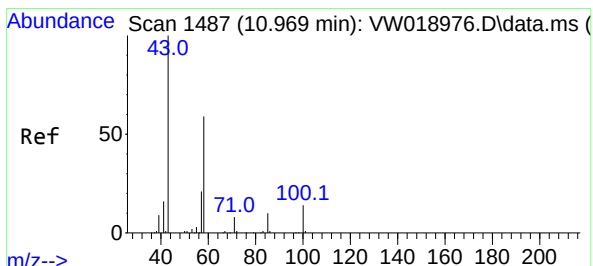
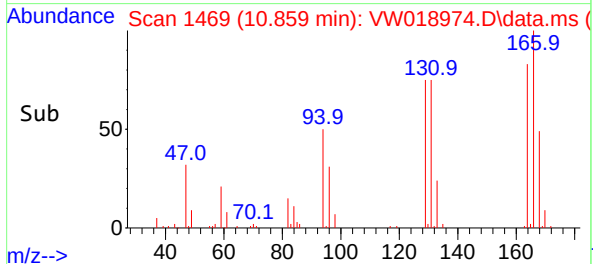
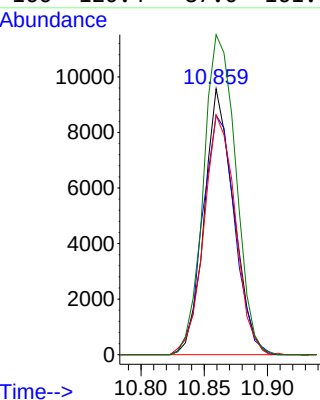
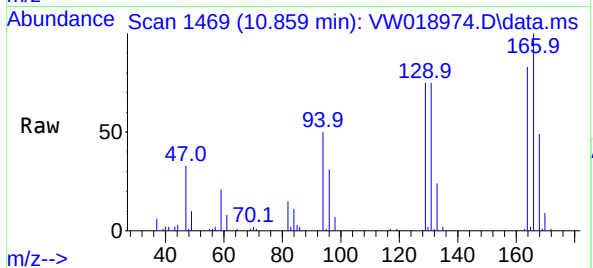


#46
Tetrachloroethene
Concen: 2.36 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW018974.D
Acq: 12 May 2021 12:56

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion:164 Resp: 15450

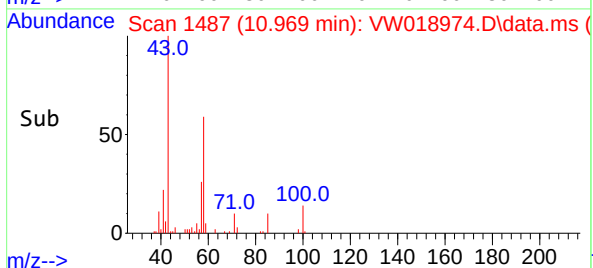
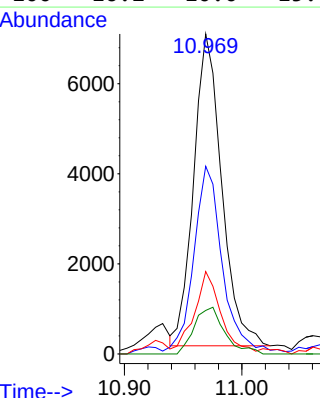
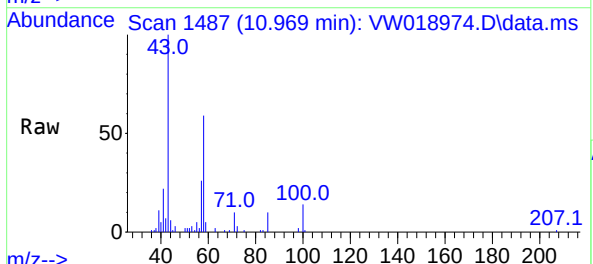
Ion	Ratio	Lower	Upper
164	100		
129	90.1	66.7	123.9
131	90.2	61.1	113.5
166	120.4	87.0	161.6

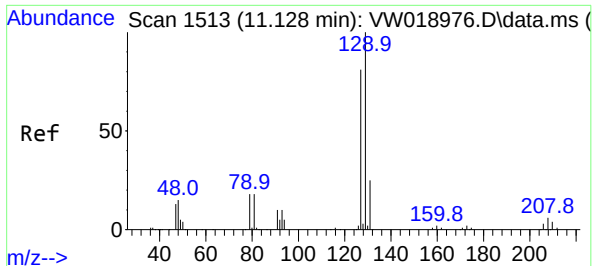


#48
2-Hexanone
Concen: 3.90 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW018974.D
Acq: 12 May 2021 12:56

Tgt Ion: 43 Resp: 11517

Ion	Ratio	Lower	Upper
43	100		
58	62.0	42.7	64.1
57	25.2	15.8	23.8#
100	16.2	10.0	15.0#





#49

Dibromochloromethane

Concen: 2.38 ug/L

RT: 11.134 min Scan# 1514

Delta R.T. 0.006 min

Lab File: VW018974.D

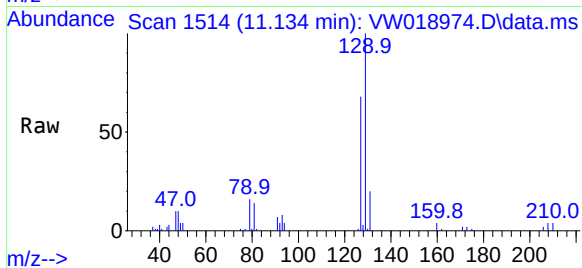
Acq: 12 May 2021 12:56

Tgt Ion:129 Resp: 15704

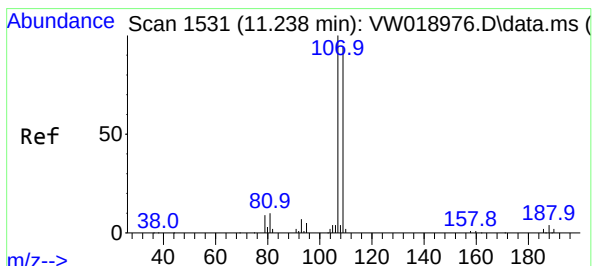
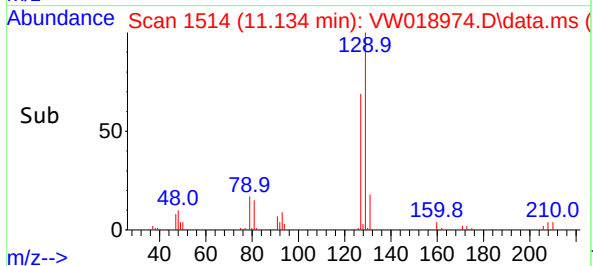
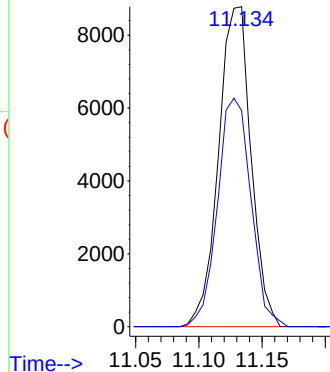
Ion Ratio Lower Upper

129 100

127 67.5 51.7 95.9



Abundance



#50

1,2-Dibromoethane

Concen: 2.34 ug/L

RT: 11.237 min Scan# 1531

Delta R.T. -0.000 min

Lab File: VW018974.D

Acq: 12 May 2021 12:56

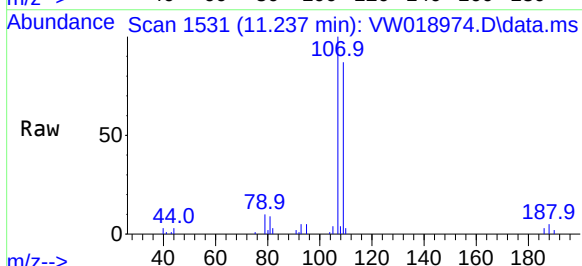
Tgt Ion:107 Resp: 13672

Ion Ratio Lower Upper

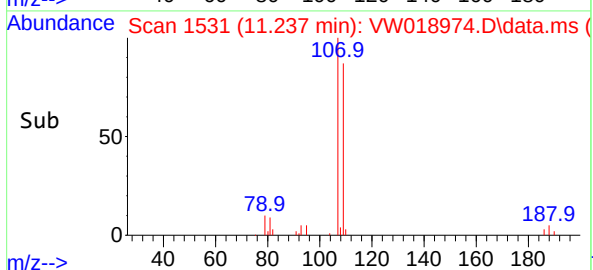
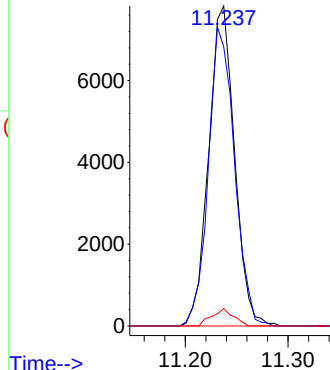
107 100

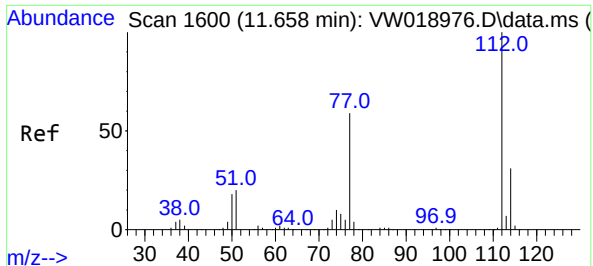
109 87.2 65.4 121.4

188 5.4 2.6 4.0#



Abundance

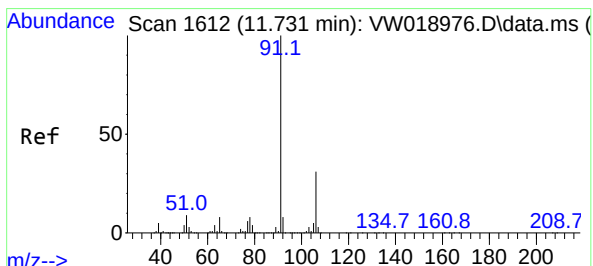
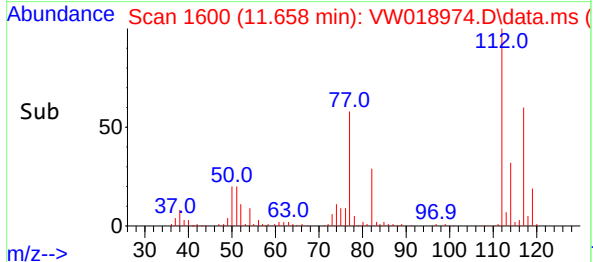
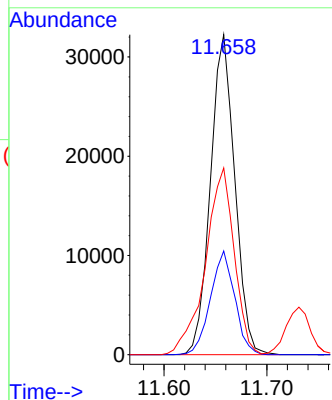
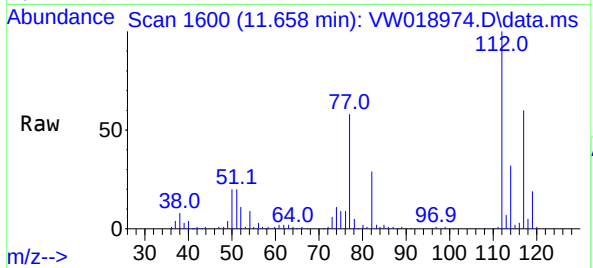




#51
Chlorobenzene
Concen: 2.42 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW018974.D
Acq: 12 May 2021 12:56

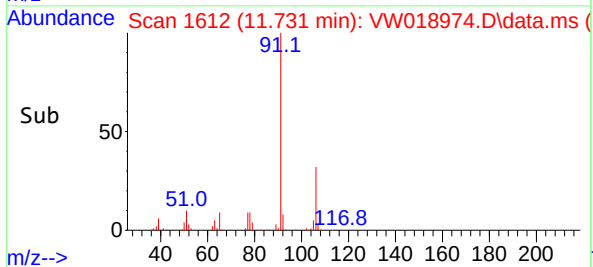
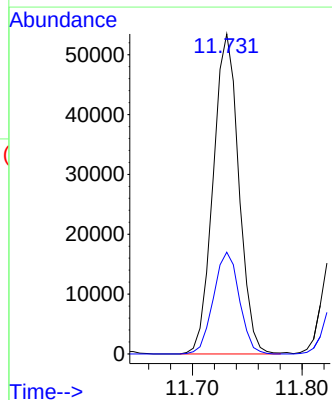
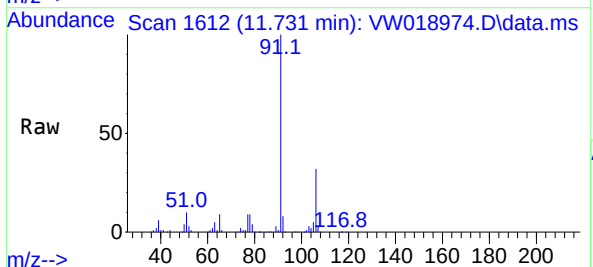
Instrument :
MSVOA_W
ClientSampled :

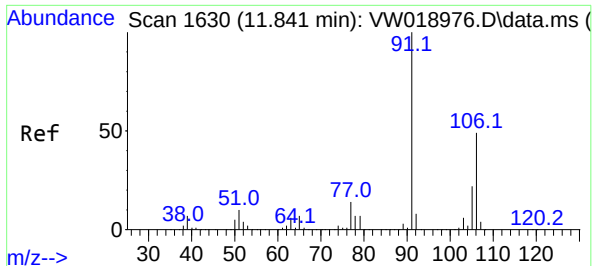
Tgt Ion:112 Resp: 53007
Ion Ratio Lower Upper
112 100
114 32.4 23.4 43.6
77 58.3 47.6 71.4



#52
Ethylbenzene
Concen: 2.20 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW018974.D
Acq: 12 May 2021 12:56

Tgt Ion: 91 Resp: 87029
Ion Ratio Lower Upper
91 100
106 31.8 22.5 41.7

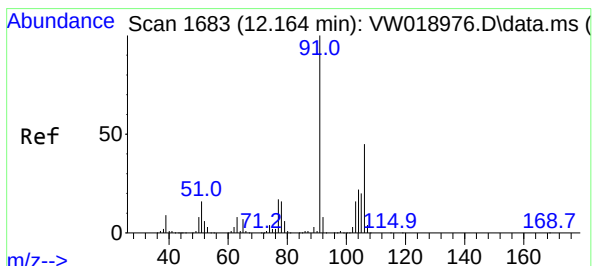
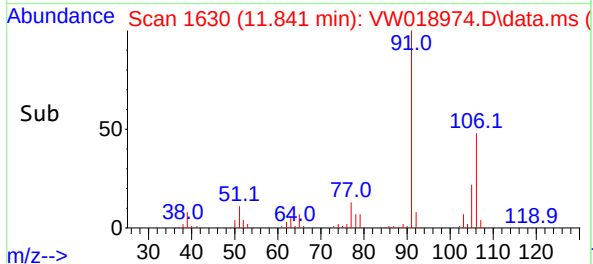
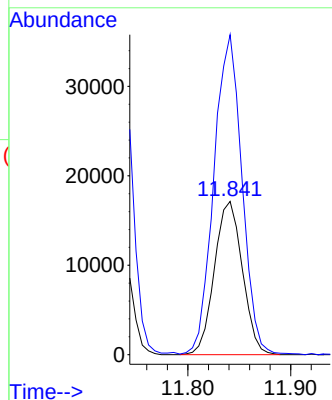
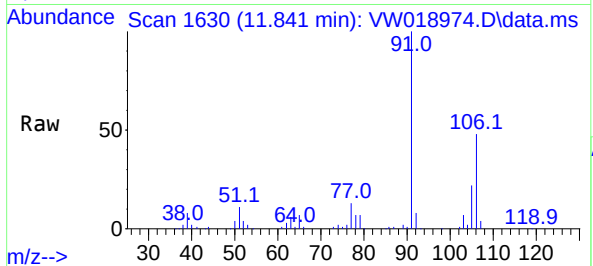




#53
m,p-Xylene
Concen: 2.21 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW018974.D
Acq: 12 May 2021 12:56

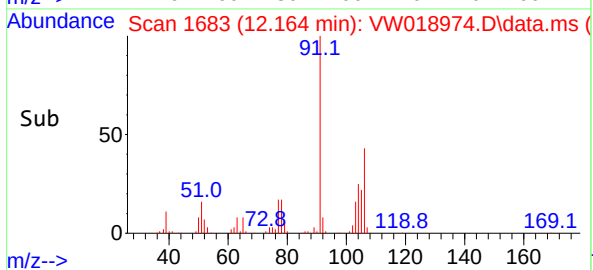
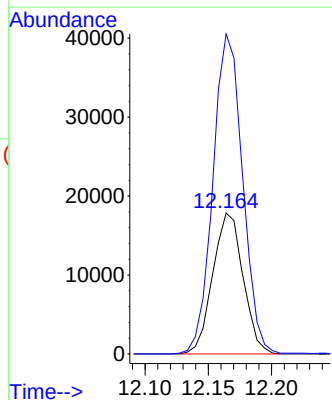
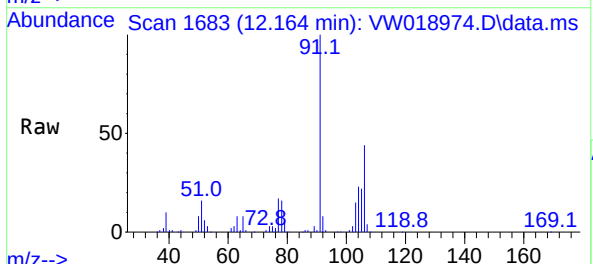
Instrument :
MSVOA_W
ClientSampled :

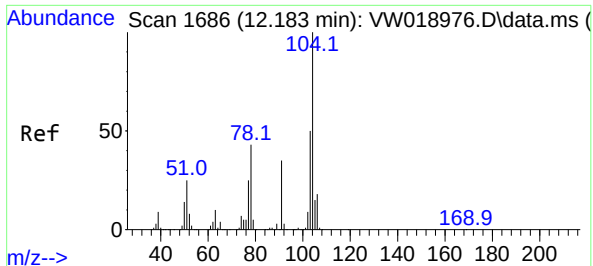
Tgt Ion:106 Resp: 32360
Ion Ratio Lower Upper
106 100
91 208.7 141.3 262.3



#54
o-Xylene
Concen: 2.12 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW018974.D
Acq: 12 May 2021 12:56

Tgt Ion:106 Resp: 29699
Ion Ratio Lower Upper
106 100
91 227.0 150.0 278.6

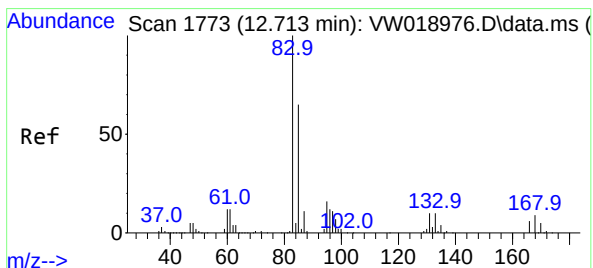
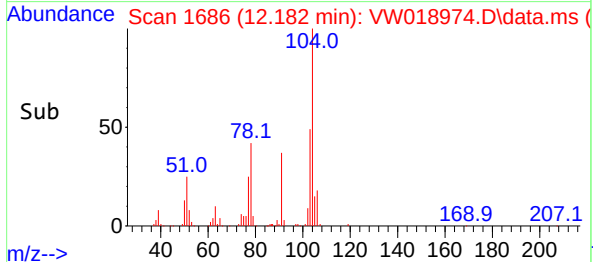
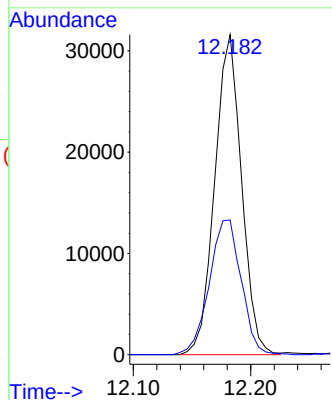
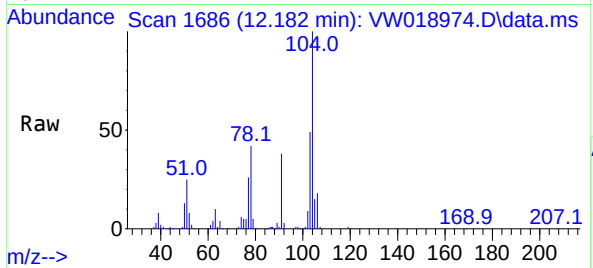




#55
Styrene
Concen: 2.13 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW018974.D
Acq: 12 May 2021 12:56

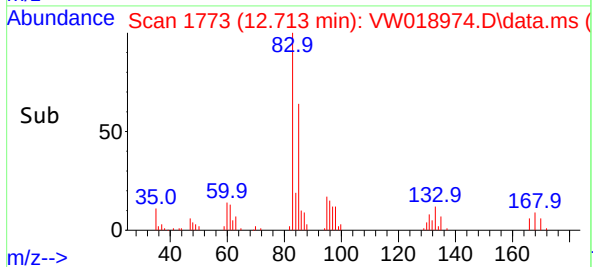
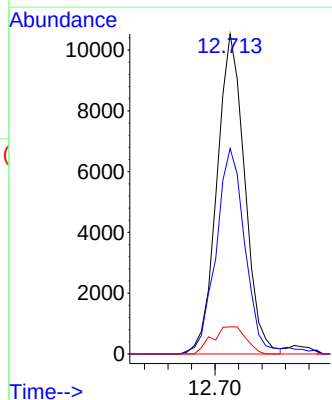
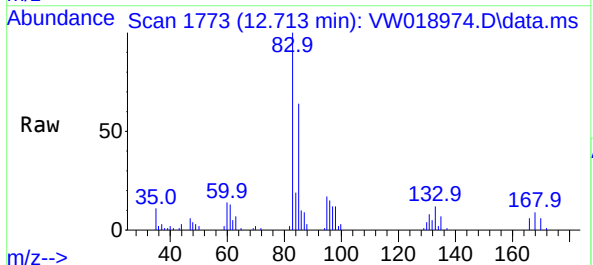
Instrument :
MSVOA_W
ClientSampled :

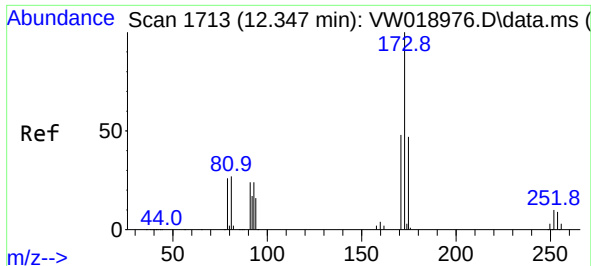
Tgt Ion:104 Resp: 50184
Ion Ratio Lower Upper
104 100
78 42.1 32.5 60.3



#57
1,1,2,2-Tetrachloroethane
Concen: 2.40 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW018974.D
Acq: 12 May 2021 12:56

Tgt Ion: 83 Resp: 17274
Ion Ratio Lower Upper
83 100
85 64.2 44.4 82.4
131 8.5 8.2 12.4

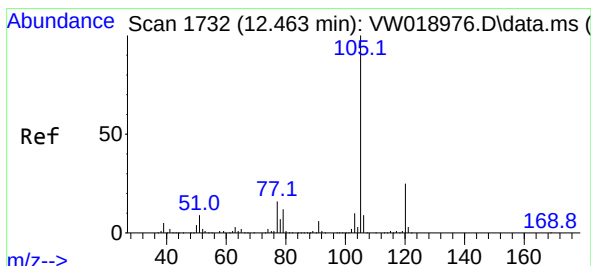
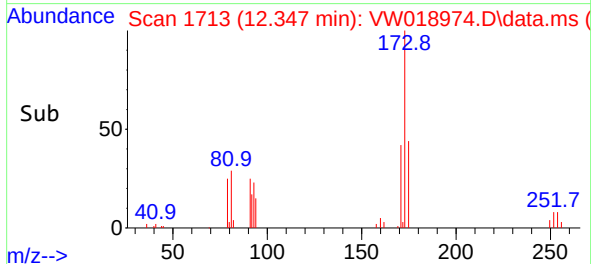
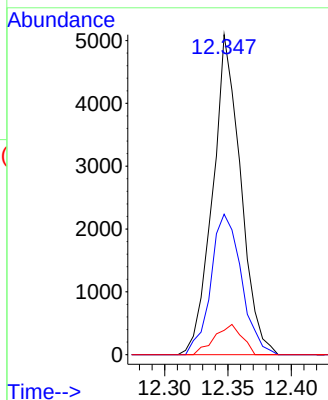
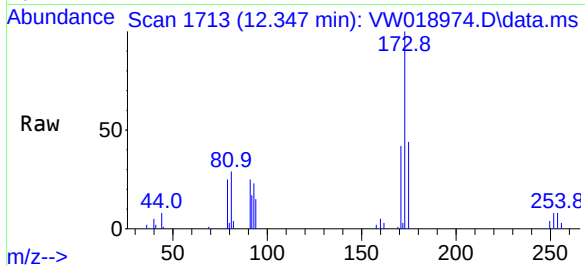




#59
Bromoform
Concen: 2.14 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.000 min
Lab File: VW018974.D
Acq: 12 May 2021 12:56

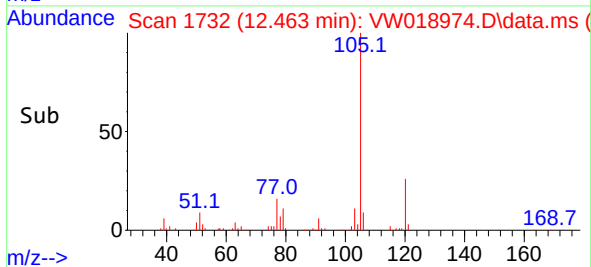
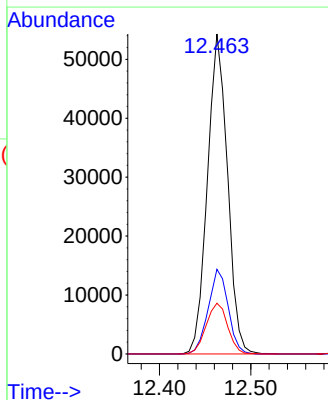
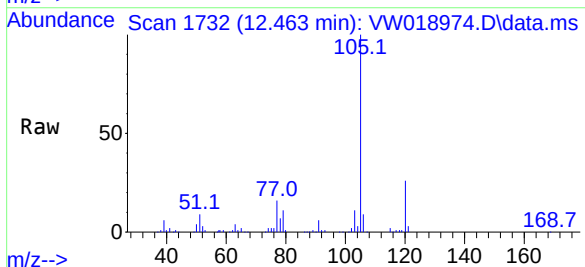
Instrument :
MSVOA_W
ClientSampled :

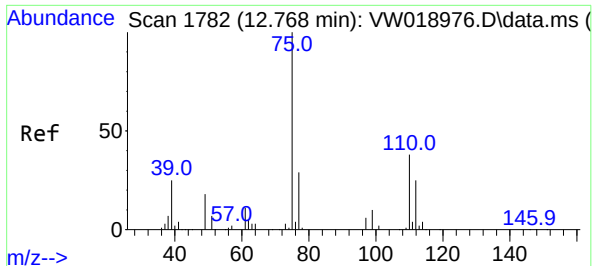
Tgt Ion:	173	Resp:	7829
Ion	Ratio	Lower	Upper
173	100		
175	48.0	37.5	56.3
254	9.2	7.0	10.4



#60
Isopropylbenzene
Concen: 2.13 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW018974.D
Acq: 12 May 2021 12:56

Tgt Ion:	105	Resp:	82672
Ion	Ratio	Lower	Upper
105	100		
120	26.3	21.1	31.7
77	17.0	13.2	19.8

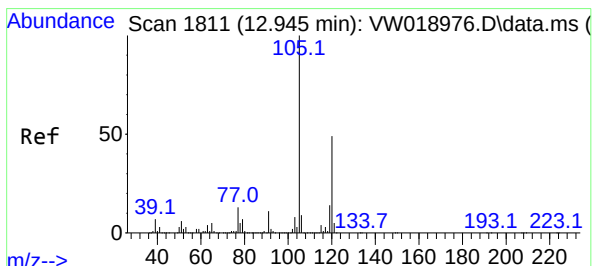
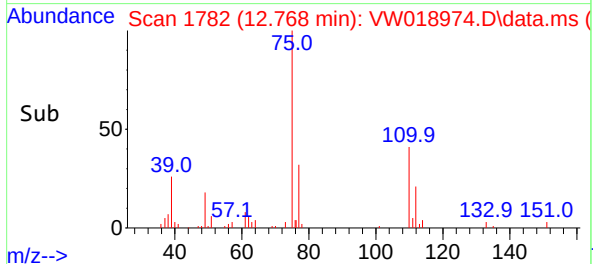
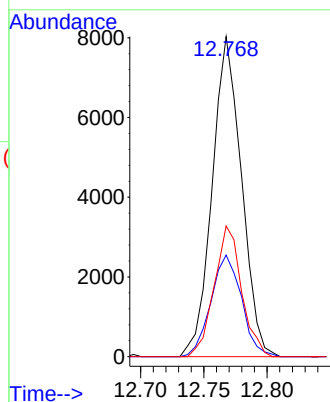
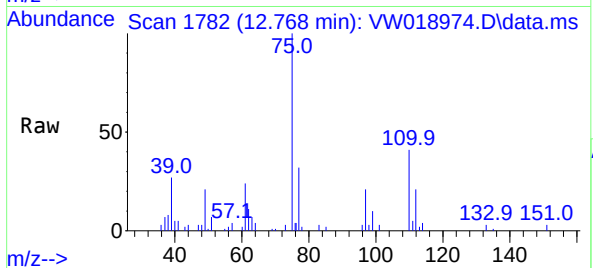




#61
1,2,3-Trichloropropane
Concen: 2.35 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW018974.D
Acq: 12 May 2021 12:56

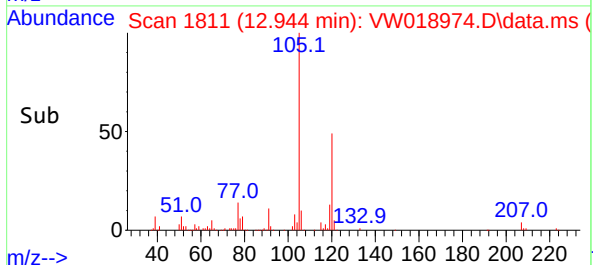
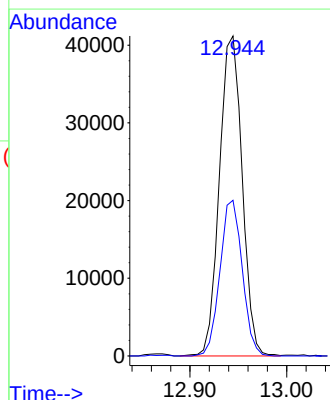
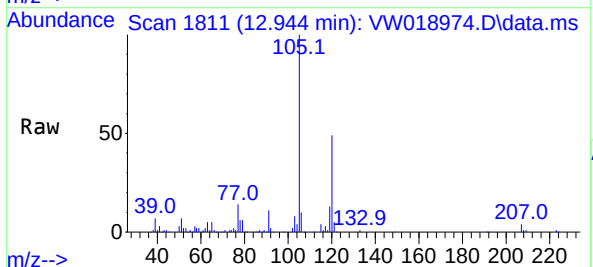
Instrument :
MSVOA_W
ClientSampled :

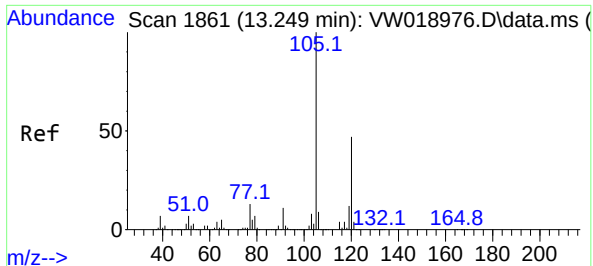
Tgt Ion:	75	Resp:	12928
Ion	Ratio	Lower	Upper
75	100		
77	33.1	25.3	37.9
110	38.2	32.6	48.8



#62
1,3,5-Trimethylbenzene
Concen: 2.09 ug/L
RT: 12.944 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VW018974.D
Acq: 12 May 2021 12:56

Tgt Ion:	105	Resp:	67207
Ion	Ratio	Lower	Upper
105	100		
120	47.6	39.0	58.6

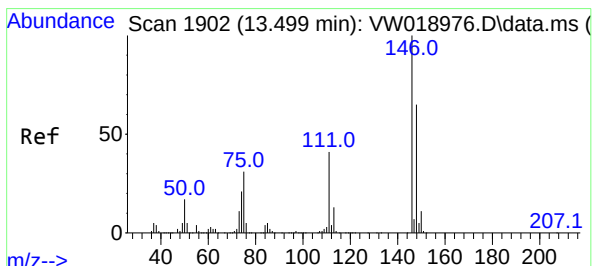
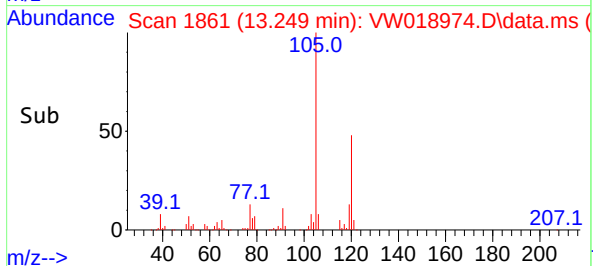
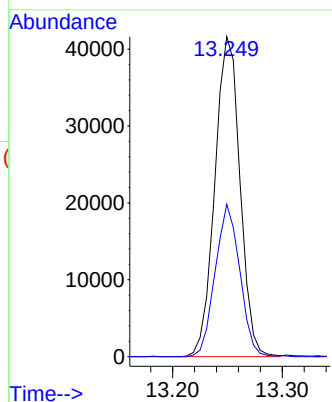
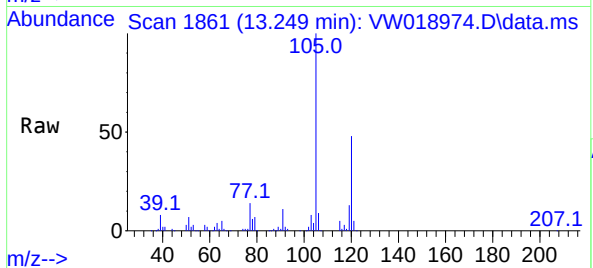




#63
1,2,4-Trimethylbenzene
Concen: 2.06 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW018974.D
Acq: 12 May 2021 12:56

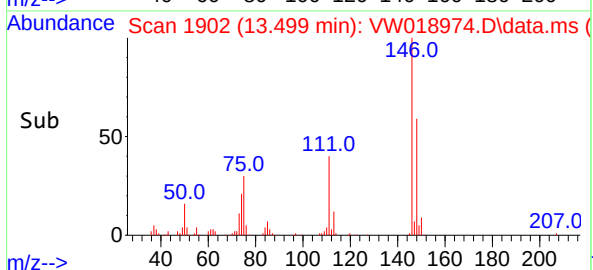
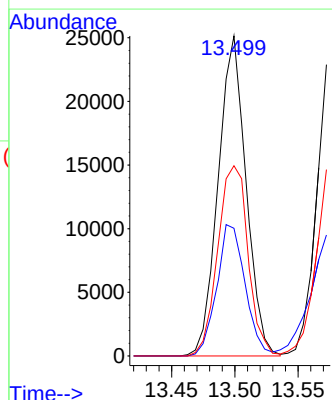
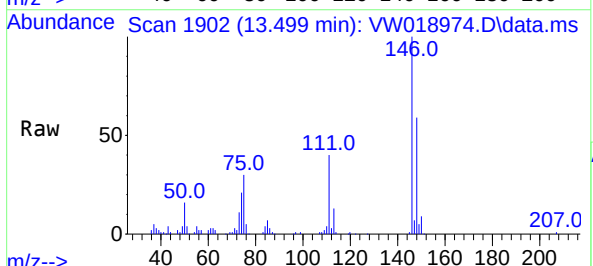
Instrument :
MSVOA_W
ClientSampled :

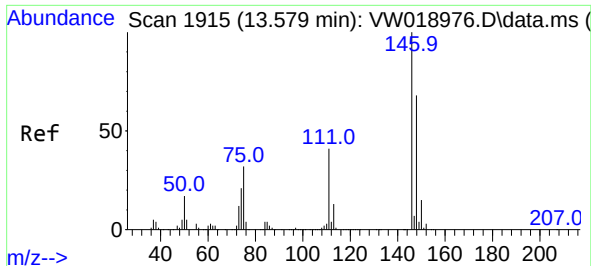
Tgt Ion:105 Resp: 66381
Ion Ratio Lower Upper
105 100
120 46.5 35.6 53.4



#64
1,3-Dichlorobenzene
Concen: 2.35 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW018974.D
Acq: 12 May 2021 12:56

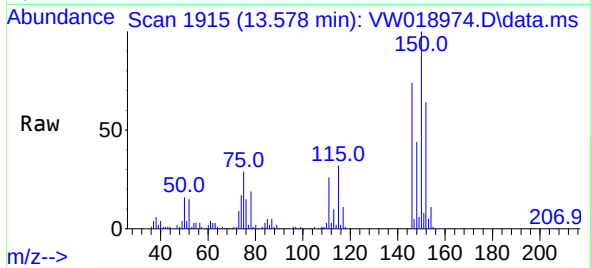
Tgt Ion:146 Resp: 38578
Ion Ratio Lower Upper
146 100
111 39.9 26.7 49.7
148 59.5 41.1 76.3



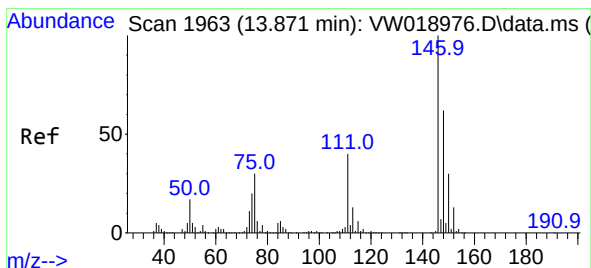
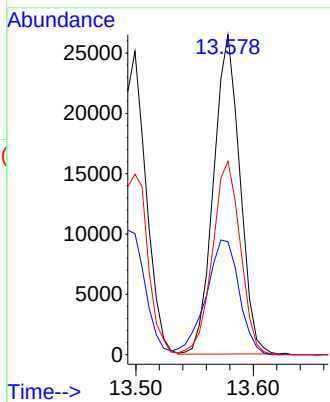
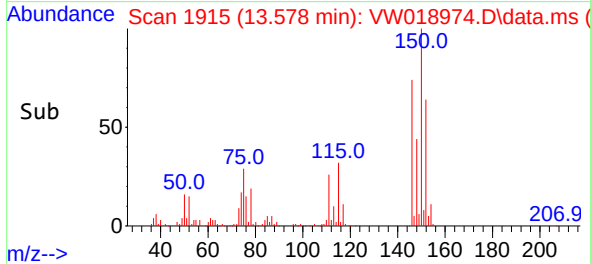


#65
1,4-Dichlorobenzene
Concen: 2.49 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW018974.D
Acq: 12 May 2021 12:56

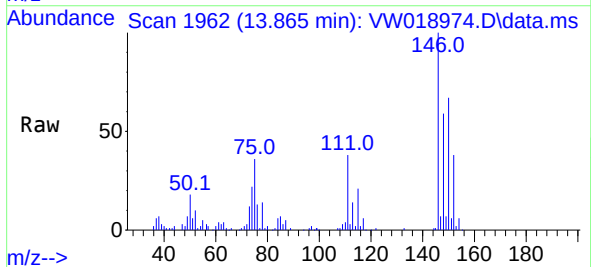
Instrument :
MSVOA_W
ClientSampleId :



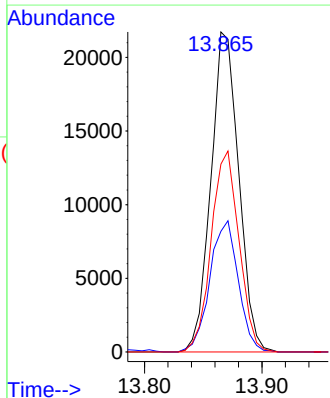
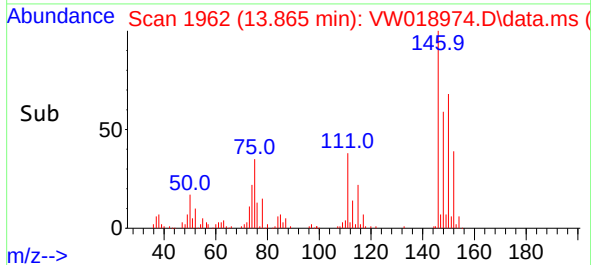
Tgt Ion:146 Resp: 41137
Ion Ratio Lower Upper
146 100
111 35.3 28.8 53.4
148 60.4 46.8 87.0

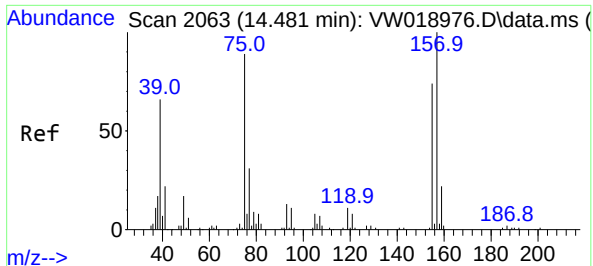


#67
1,2-Dichlorobenzene
Concen: 2.40 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.006 min
Lab File: VW018974.D
Acq: 12 May 2021 12:56



Tgt Ion:146 Resp: 35850
Ion Ratio Lower Upper
146 100
111 37.7 33.2 49.8
148 58.7 50.4 75.6

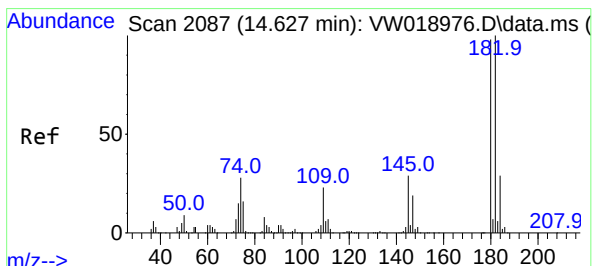
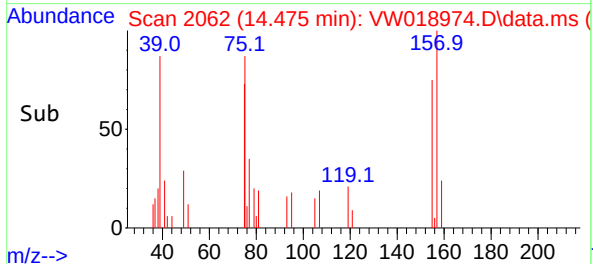
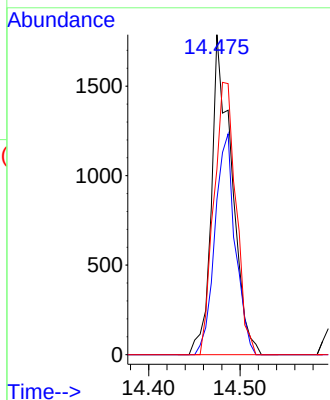
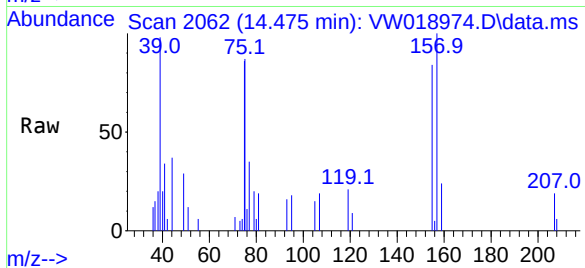




#68
1,2-Dibromo-3-chloropropane
Concen: 2.37 ug/L
RT: 14.475 min Scan# 2062
Delta R.T. -0.006 min
Lab File: VW018974.D
Acq: 12 May 2021 12:56

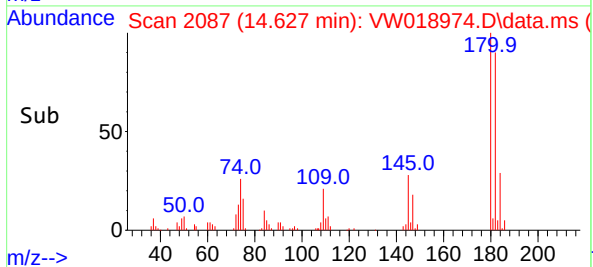
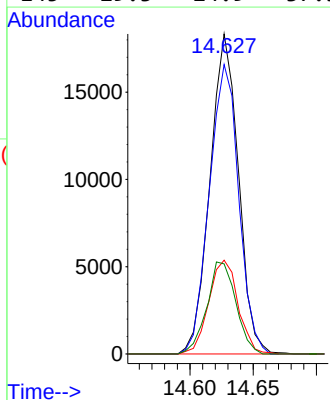
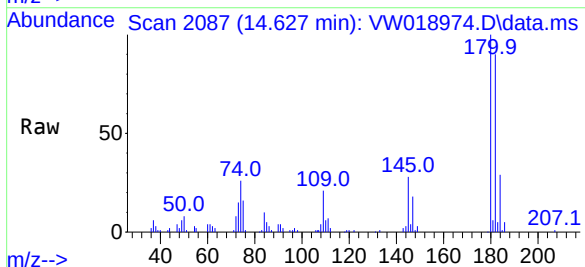
Instrument :
MSVOA_W
ClientSampled :

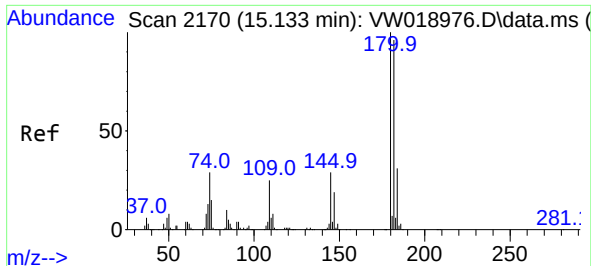
Tgt Ion: 75 Resp: 2748
Ion Ratio Lower Upper
75 100
155 48.5 59.4 89.0#
157 57.9 72.2 108.2#



#69
1,3,5-Trichlorobenzene
Concen: 2.41 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW018974.D
Acq: 12 May 2021 12:56

Tgt Ion:180 Resp: 28599
Ion Ratio Lower Upper
180 100
182 93.6 73.4 110.2
184 30.2 23.6 35.4
145 29.3 24.9 37.3

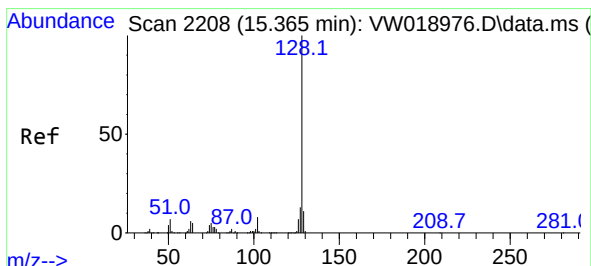
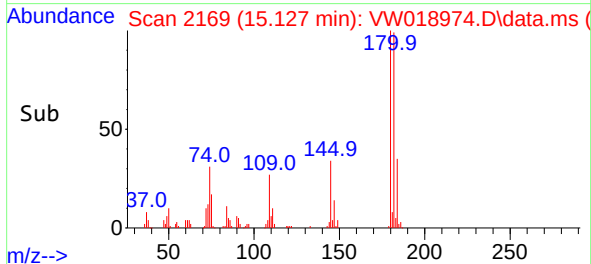
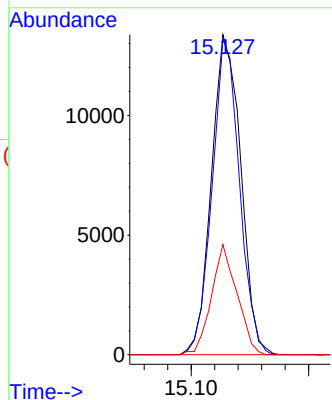
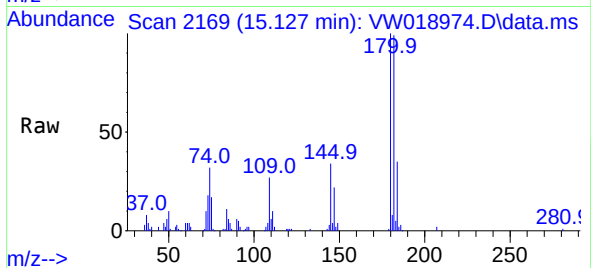




#70
1,2,4-trichlorobenzene
Concen: 2.37 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VW018974.D
Acq: 12 May 2021 12:56

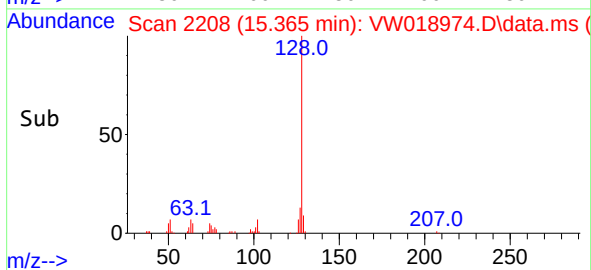
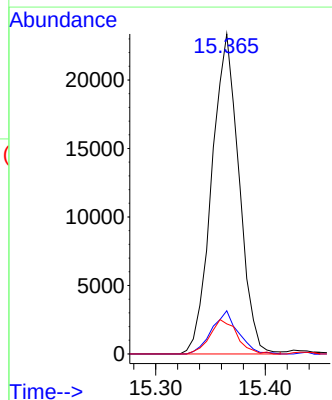
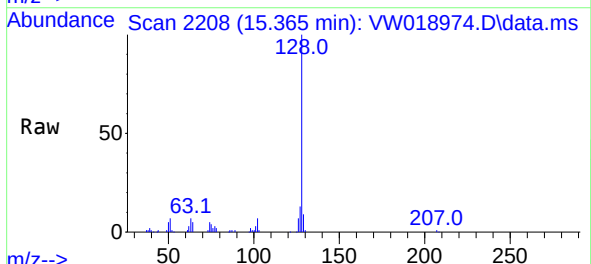
Instrument :
MSVOA_W
ClientSampled :

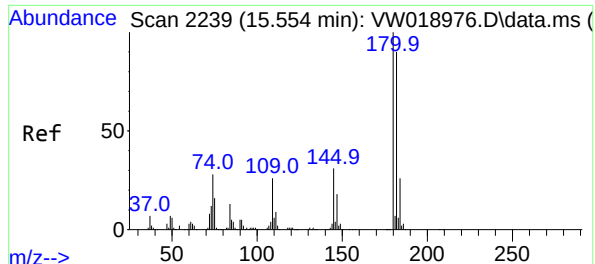
Tgt Ion:180 Resp: 23155
Ion Ratio Lower Upper
180 100
182 92.1 74.7 112.1
145 30.1 25.0 37.4



#71
Naphthalene
Concen: 2.03 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW018974.D
Acq: 12 May 2021 12:56

Tgt Ion:128 Resp: 40388
Ion Ratio Lower Upper
128 100
127 13.0 10.6 15.8
129 10.8 9.0 13.6





#72
1,2,3-Trichlorobenzene
Concen: 2.38 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW018974.D
Acq: 12 May 2021 12:56

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:180 Resp: 20784
Ion Ratio Lower Upper
180 100
182 95.2 76.7 115.1
145 33.3 28.9 43.3

