

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
 Data File : VW021062.D
 Acq On : 03 Dec 2021 13:20
 Operator : SY/VA
 Sample : VSTD10029
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 03 18:37:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 03 18:32:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	113110	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	111091	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	65977	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	176910	114.475	ug/L	0.00
7) Chloroethane-d5	2.879	69	123438	117.243	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.013	63	256020	103.562	ug/L	0.00
21) 2-Butanone-d5	7.074	46	79361	223.107	ug/L	0.00
24) Chloroform-d	7.647	84	298805	106.970	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	167054	111.657	ug/L	0.00
32) Benzene-d6	8.275	84	564439	101.367	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.275	67	155717	100.914	ug/L	0.00
41) Toluene-d8	10.323	98	603070	106.382	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	81751	115.246	ug/L	0.00
47) 2-Hexanone-d5	10.921	63	69314	234.723	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.689	84	166011	116.788	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	246988	106.711	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.008	85	74390	131.328	ug/L	98
3) Chloromethane	2.215	50	132530	108.887	ug/L	99
5) Vinyl chloride	2.361	62	217087	102.958	ug/L	97
6) Bromomethane	2.770	94	140266	97.661	ug/L	98
8) Chloroethane	2.916	64	95974	106.643	ug/L	98
9) Trichlorofluoromethane	3.251	101	98798	95.712	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	155166	98.293	ug/L	92
12) 1,1-Dichloroethene	4.038	96	144719	98.390	ug/L	79
13) Acetone	4.117	43	58398	178.662	ug/L	95
14) Carbon disulfide	4.385	76	420557	105.535	ug/L	99
15) Methyl Acetate	4.666	43	60094	104.308	ug/L	# 89
16) Methylene chloride	4.916	84	133896	77.337	ug/L	87
17) trans-1,2-Dichloroethene	5.422	96	152769	98.730	ug/L	85
18) Methyl tert-butyl Ether	5.428	73	223519	96.537	ug/L	94
19) 1,1-Dichloroethane	6.214	63	240228	98.139	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	160193	98.366	ug/L	75
22) 2-Butanone	7.171	43	86810	191.236	ug/L	89
23) Bromochloromethane	7.513	128	76467	100.630	ug/L	# 66
25) Chloroform	7.677	83	266580	97.835	ug/L	99
27) 1,2-Dichloroethane	8.403	62	182195	101.597	ug/L	97
29) Cyclohexane	7.958	56	231266	94.914	ug/L	# 82
30) 1,1,1-Trichloroethane	7.872	97	244063	94.075	ug/L	94
31) Carbon tetrachloride	8.067	117	236494	99.274	ug/L	100
33) Benzene	8.324	78	578837	92.162	ug/L	100
34) Trichloroethene	9.092	95	161540	92.927	ug/L	93
35) Methylcyclohexane	9.336	83	278992	95.239	ug/L	86
37) 1,2-Dichloropropane	9.366	63	132312	93.586	ug/L	# 96
38) Bromodichloromethane	9.646	83	202753	102.070	ug/L	# 99
39) cis-1,3-Dichloropropene	10.073	75	237924	104.196	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	194391	204.272	ug/L	# 93
42) Toluene	10.384	91	717543	100.988	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	226324	110.369	ug/L	99

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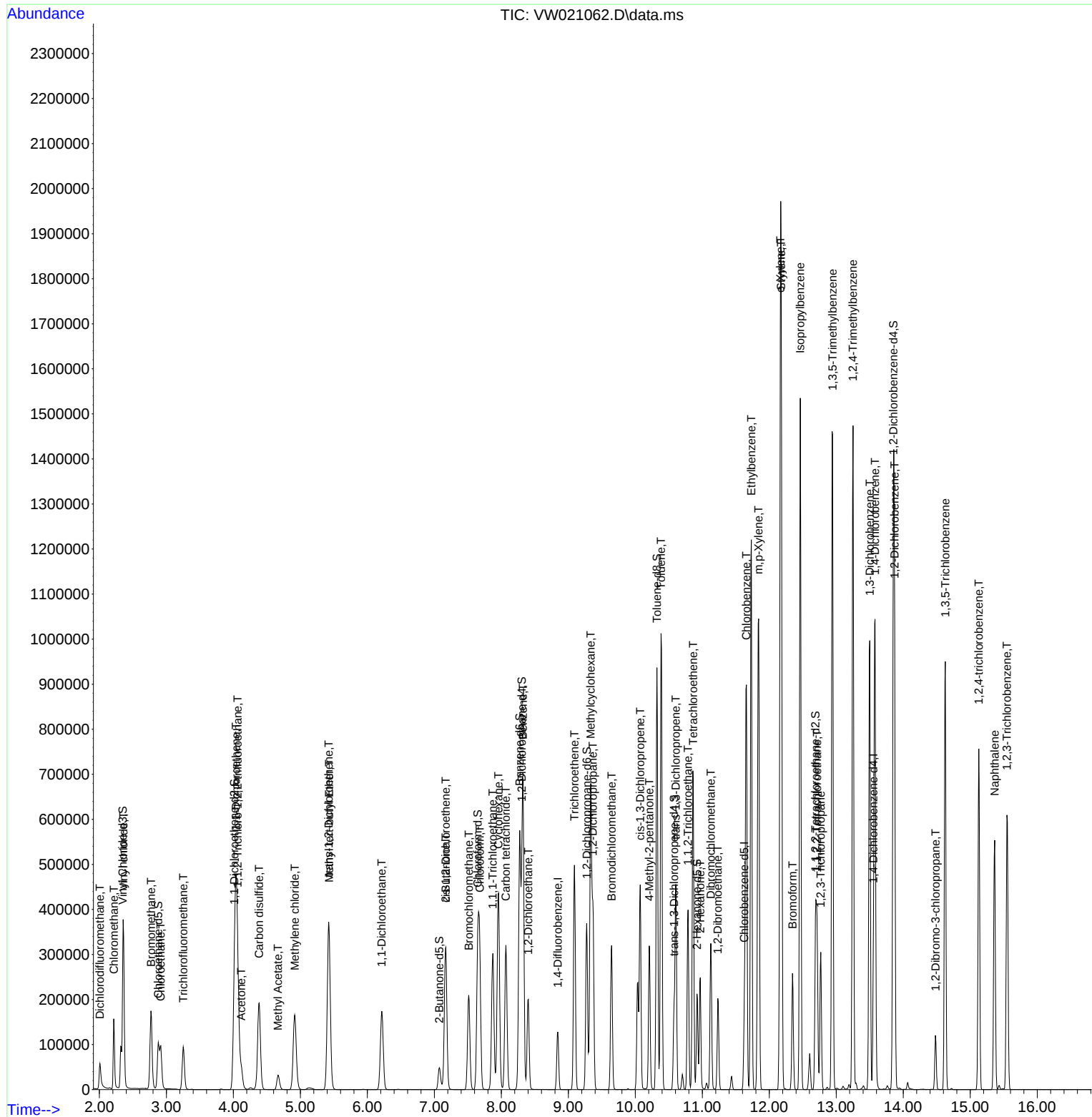
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.787	97	119551	99.853	ug/L	94
46) Tetrachloroethene	10.866	164	149680	93.325	ug/L	94
48) 2-Hexanone	10.969	43	152986	223.072	ug/L #	95
49) Dibromochloromethane	11.128	129	164720	112.700	ug/L	90
50) 1,2-Dibromoethane	11.232	107	125411	104.431	ug/L #	97
51) Chlorobenzene	11.658	112	478949	100.115	ug/L	91
52) Ethylbenzene	11.731	91	842534	104.676	ug/L	96
53) m,p-Xylene	11.841	106	347092	103.804	ug/L	91
54) o-Xylene	12.164	106	339017	109.049	ug/L	84
55) Styrene	12.177	104	619634	115.955	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	154599	109.073	ug/L #	99
59) Bromoform	12.347	173	110818	119.379	ug/L	98
60) Isopropylbenzene	12.463	105	947646	104.598	ug/L	97
61) 1,2,3-Trichloropropane	12.768	75	111882	102.935	ug/L #	92
62) 1,3,5-Trimethylbenzene	12.945	105	795073	104.694	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	786568	102.785	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	407429	95.316	ug/L	95
65) 1,4-Dichlorobenzene	13.579	146	412806	96.776	ug/L	90
67) 1,2-Dichlorobenzene	13.871	146	364429	95.976	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	26907	113.077	ug/L #	72
69) 1,3,5-Trichlorobenzene	14.627	180	286513	91.882	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	235019	92.298	ug/L	95
71) Naphthalene	15.365	128	474425	99.168	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	220884	98.271	ug/L	94

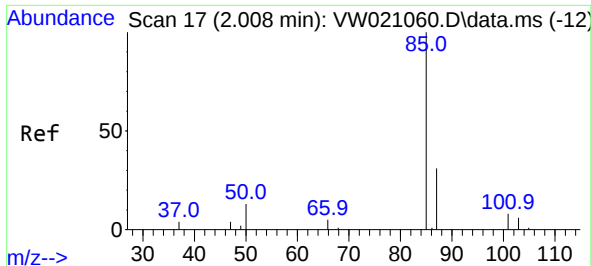
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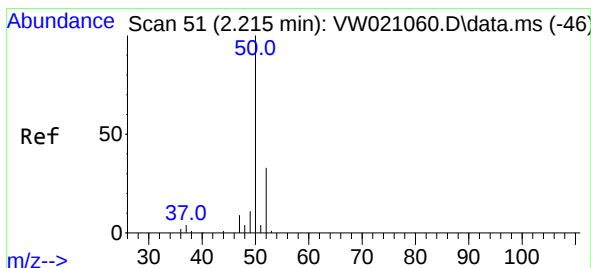
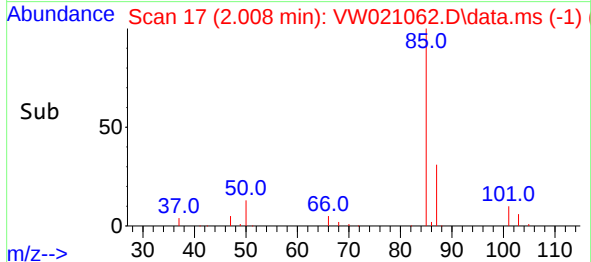
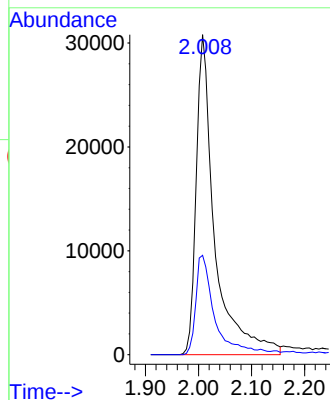
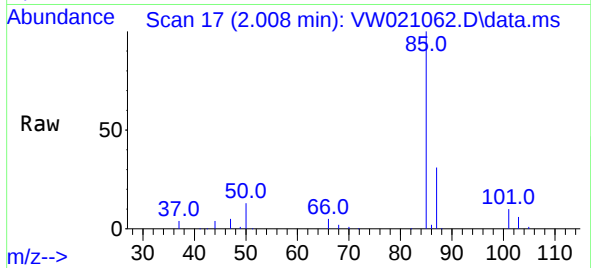




#2
Dichlorodifluoromethane
Concen: 131.328 ug/L
RT: 2.008 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW021062.D
Acq: 03 Dec 2021 13:20

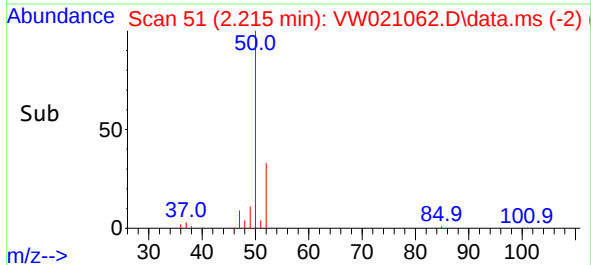
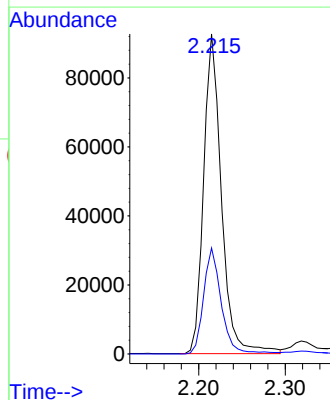
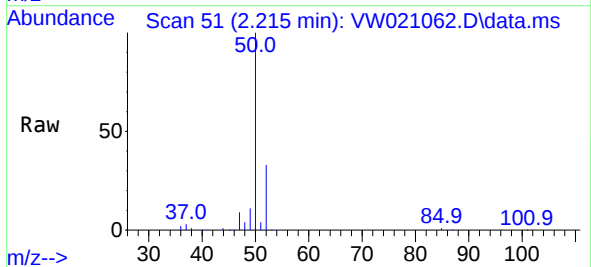
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MSVOA_W
ClientSampleId :

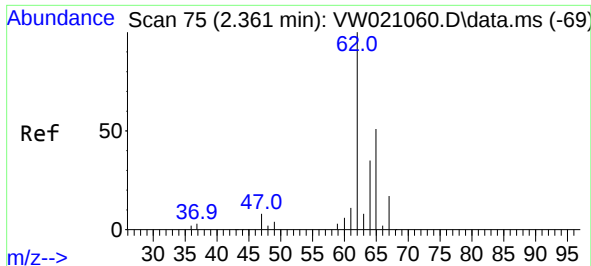
Tgt Ion: 85 Resp: 74390
Ion Ratio Lower Upper
85 100
87 31.0 25.8 38.6



#3
Chloromethane
Concen: 108.887 ug/L
RT: 2.215 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW021062.D
Acq: 03 Dec 2021 13:20

Tgt Ion: 50 Resp: 132530
Ion Ratio Lower Upper
50 100
52 33.1 23.4 43.6

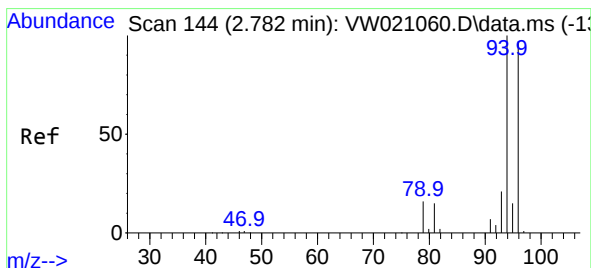
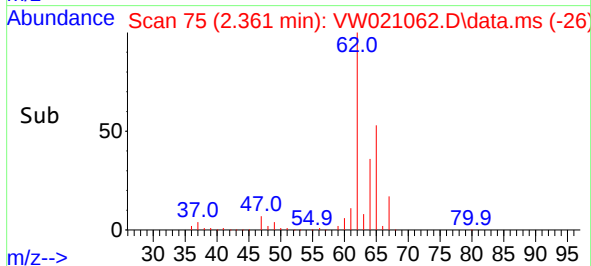
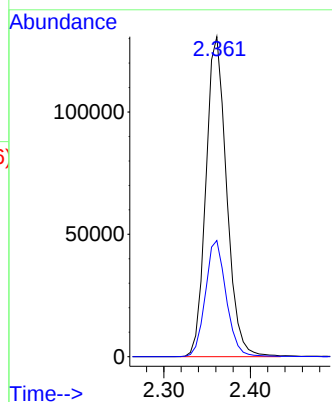
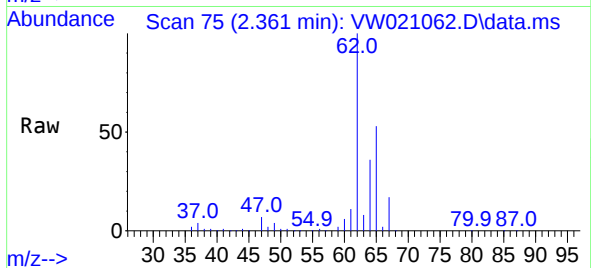




#5
 Vinyl chloride
 Concen: 102.958 ug/L
 RT: 2.361 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VW021062.D
 Acq: 03 Dec 2021 13:20

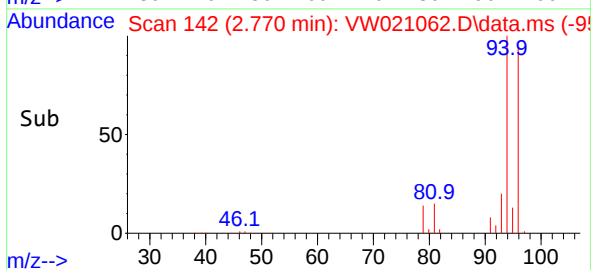
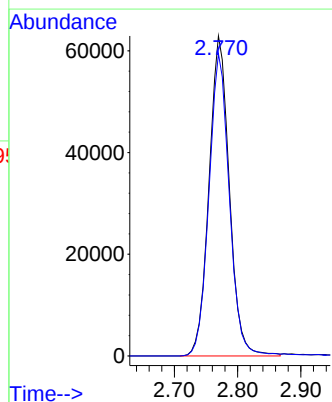
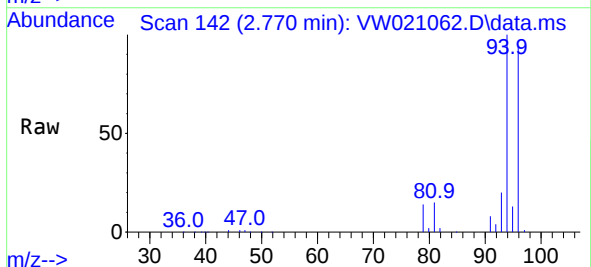
Instrument :
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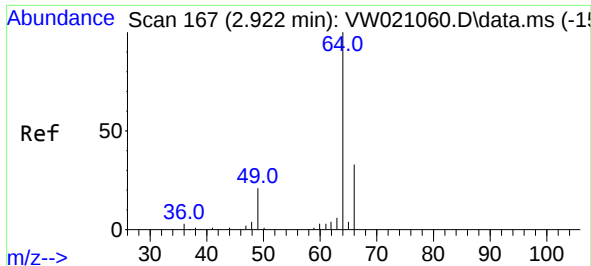
Tgt Ion: 62 Resp: 217087
 Ion Ratio Lower Upper
 62 100
 64 36.3 24.4 45.2



#6
 Bromomethane
 Concen: 97.661 ug/L
 RT: 2.770 min Scan# 142
 Delta R.T. -0.012 min
 Lab File: VW021062.D
 Acq: 03 Dec 2021 13:20

Tgt Ion: 94 Resp: 140266
 Ion Ratio Lower Upper
 94 100
 96 94.4 64.8 120.4

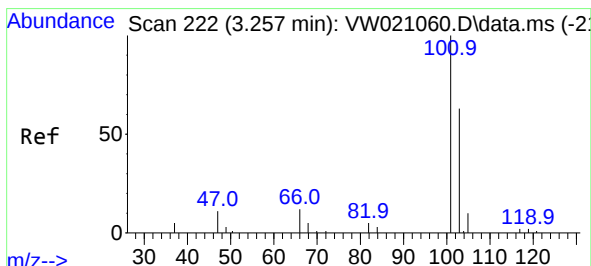
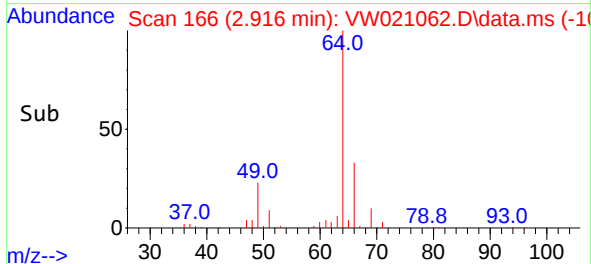
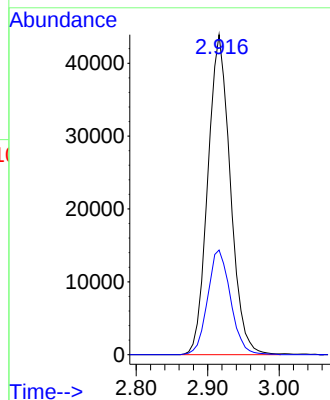
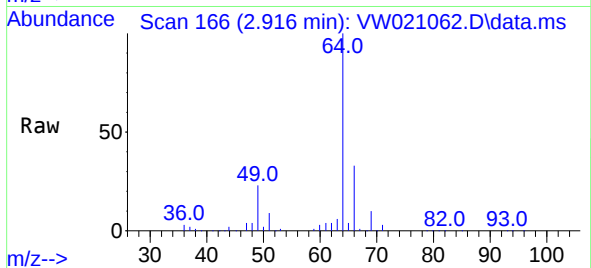




#8
Chloroethane
Concen: 106.643 ug/L
RT: 2.916 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW021062.D
Acq: 03 Dec 2021 13:20

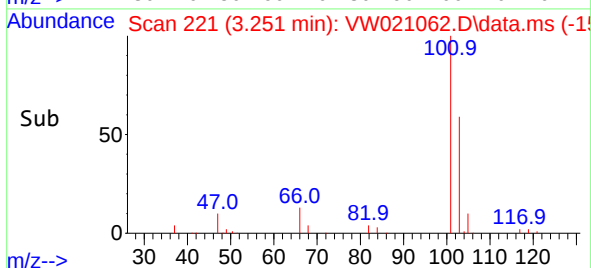
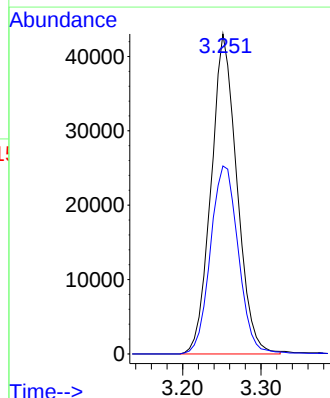
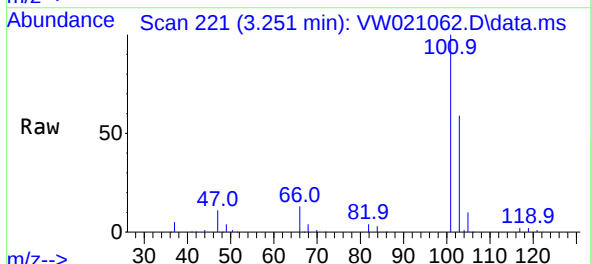
Instrument :
MSVOA_W
ClientSampleId :

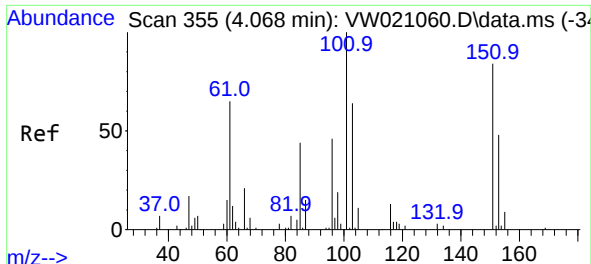
Tgt Ion: 64 Resp: 95974
Ion Ratio Lower Upper
64 100
66 32.7 22.0 40.8



#9
Trichlorofluoromethane
Concen: 95.712 ug/L
RT: 3.251 min Scan# 221
Delta R.T. -0.006 min
Lab File: VW021062.D
Acq: 03 Dec 2021 13:20

Tgt Ion:101 Resp: 98798
Ion Ratio Lower Upper
101 100
103 63.4 51.4 77.2

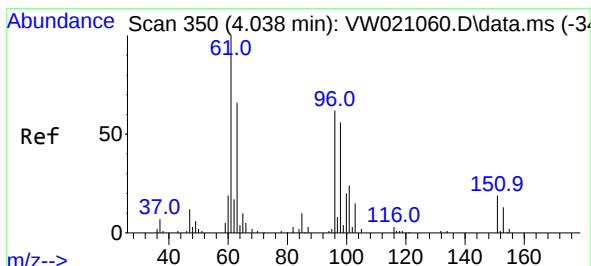
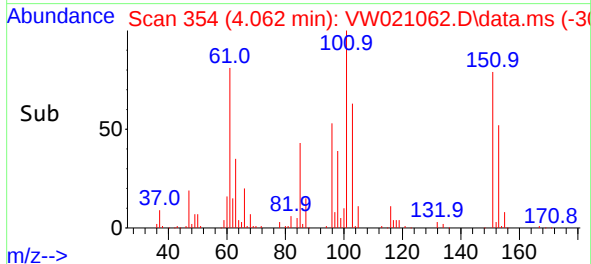
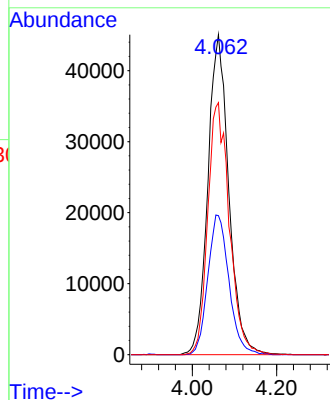
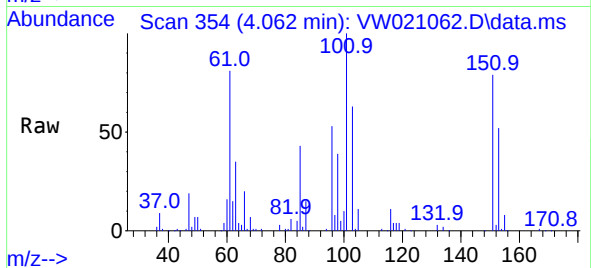




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 98.293 ug/L
RT: 4.062 min Scan# 31
Delta R.T. -0.006 min
Lab File: VW021062.D
Acq: 03 Dec 2021 13:20

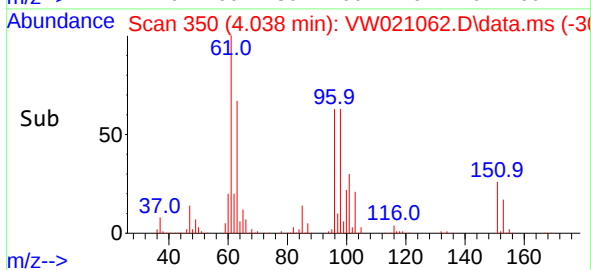
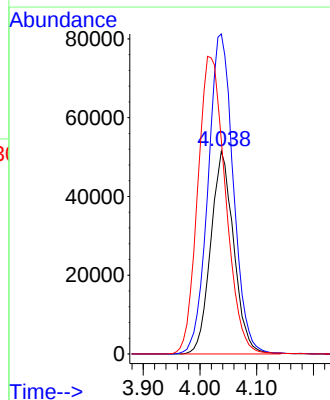
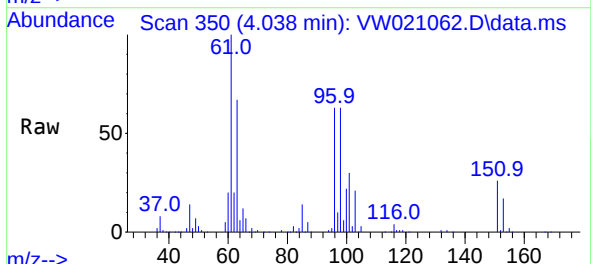
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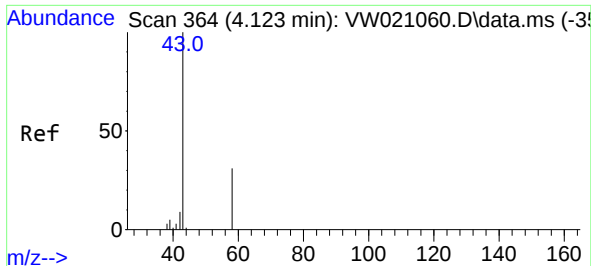
Tgt Ion:101 Resp: 155166
Ion Ratio Lower Upper
101 100
85 44.1 36.6 54.8
151 81.2 57.4 86.0



#12
1,1-Dichloroethene
Concen: 98.390 ug/L
RT: 4.038 min Scan# 350
Delta R.T. 0.000 min
Lab File: VW021062.D
Acq: 03 Dec 2021 13:20

Tgt Ion: 96 Resp: 144719
Ion Ratio Lower Upper
96 100
61 157.8 138.3 256.9
63 105.5 82.6 153.4

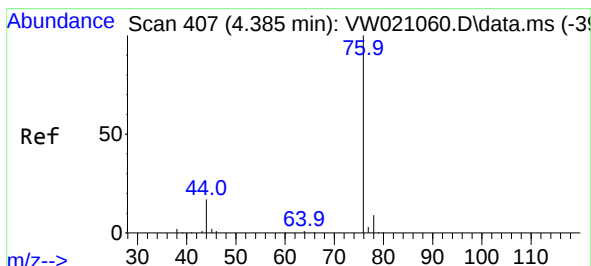
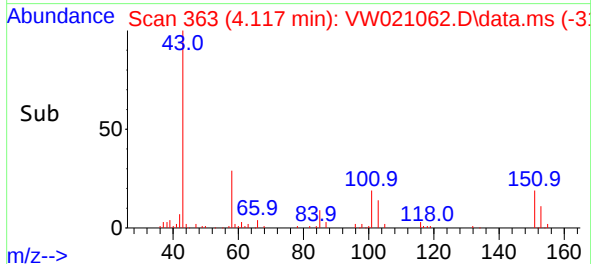
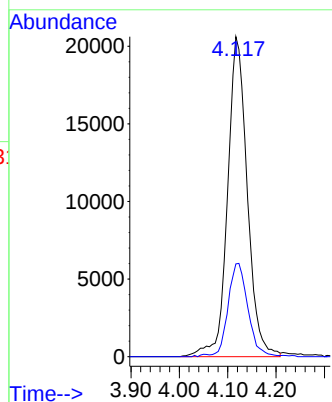
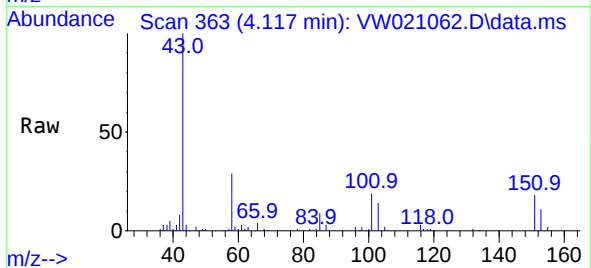




#13
Acetone
Concen: 178.662 ug/L
RT: 4.117 min Scan# 363
Delta R.T. -0.006 min
Lab File: VW021062.D
Acq: 03 Dec 2021 13:20

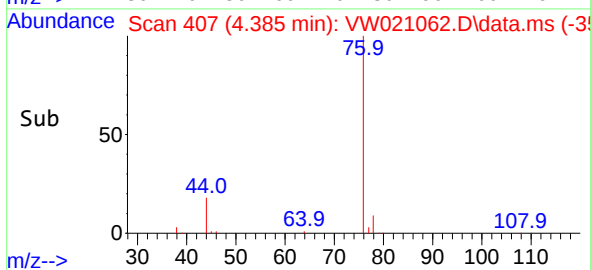
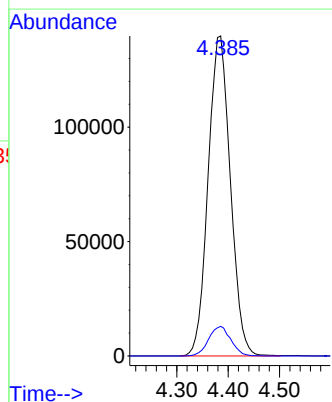
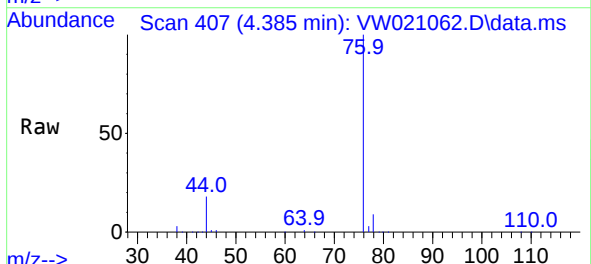
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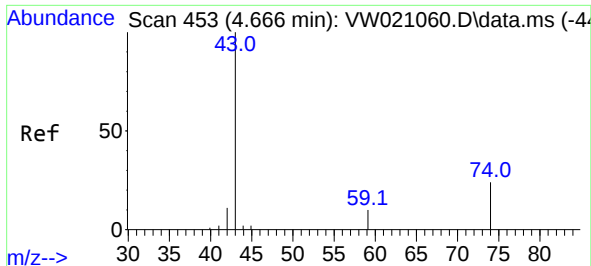
Tgt Ion: 43 Resp: 58398
Ion Ratio Lower Upper
43 100
58 29.2 0.0 52.8



#14
Carbon disulfide
Concen: 105.535 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
Lab File: VW021062.D
Acq: 03 Dec 2021 13:20

Tgt Ion: 76 Resp: 420557
Ion Ratio Lower Upper
76 100
78 9.3 7.1 10.7

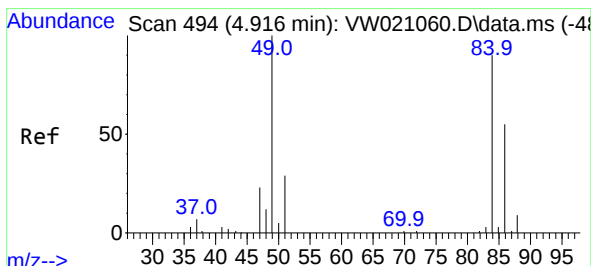
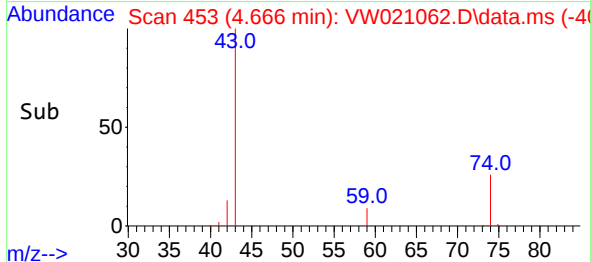
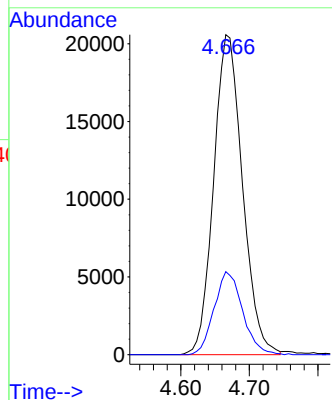
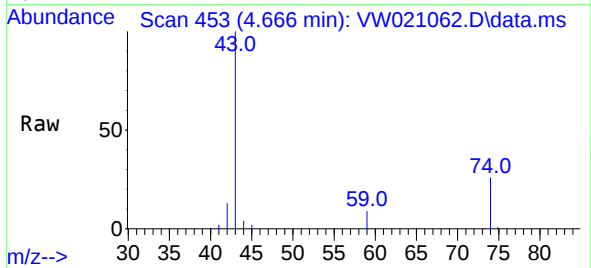




#15
Methyl Acetate
Concen: 104.308 ug/L
RT: 4.666 min Scan# 415
Delta R.T. 0.000 min
Lab File: VW021062.D
Acq: 03 Dec 2021 13:20

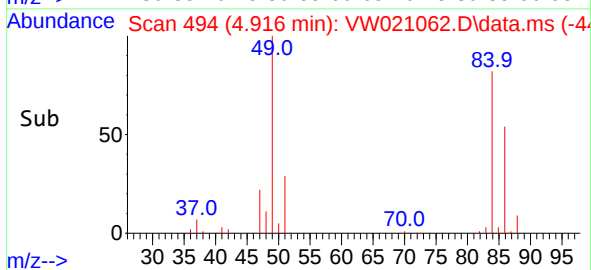
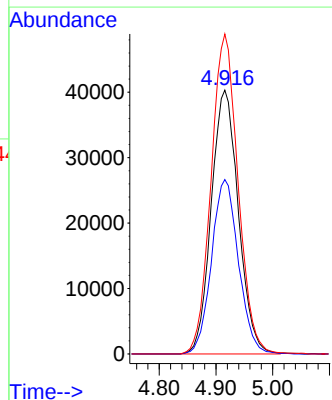
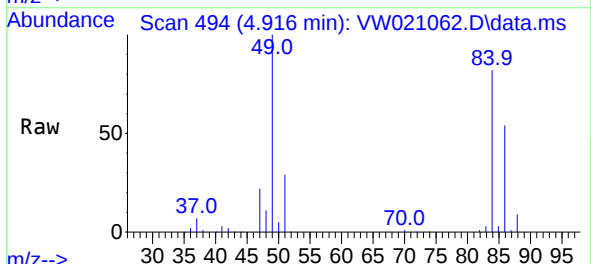
Instrument :
MSVOA_W
ClientSampleId :

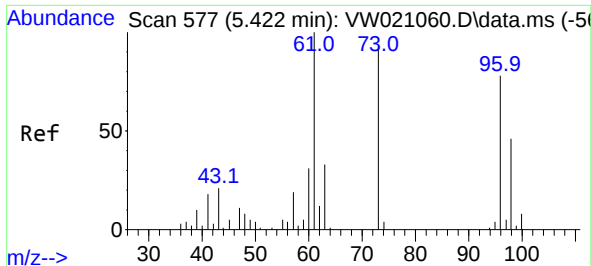
Tgt Ion: 43 Resp: 60094
Ion Ratio Lower Upper
43 100
74 25.6 16.4 24.6#



#16
Methylene chloride
Concen: 77.337 ug/L
RT: 4.916 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW021062.D
Acq: 03 Dec 2021 13:20

Tgt Ion: 84 Resp: 133896
Ion Ratio Lower Upper
84 100
86 66.1 45.5 84.5
49 121.3 100.5 186.7

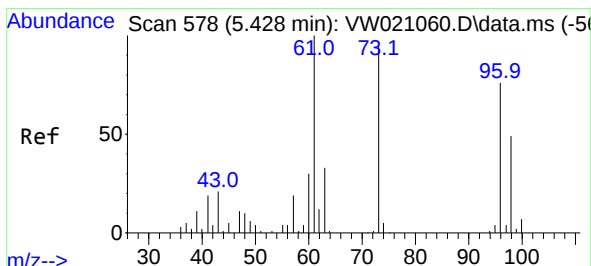
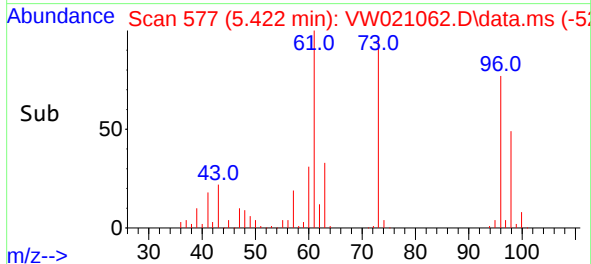
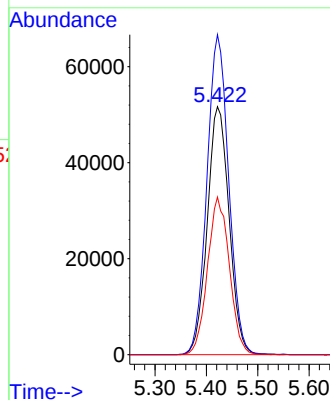
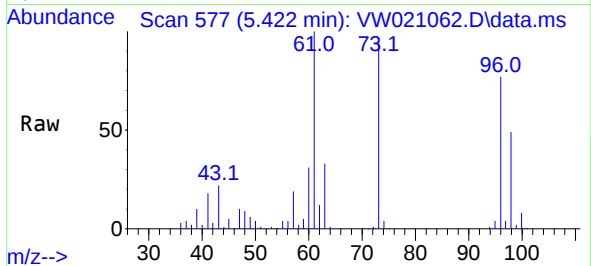




#17
trans-1,2-Dichloroethene
Concen: 98.730 ug/L
RT: 5.422 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW021062.D
Acq: 03 Dec 2021 13:20

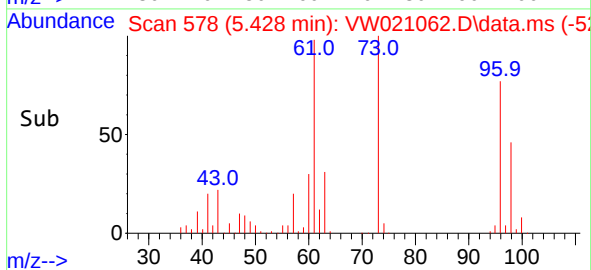
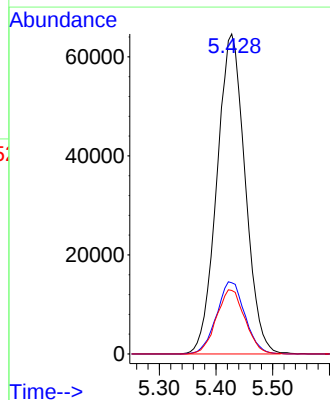
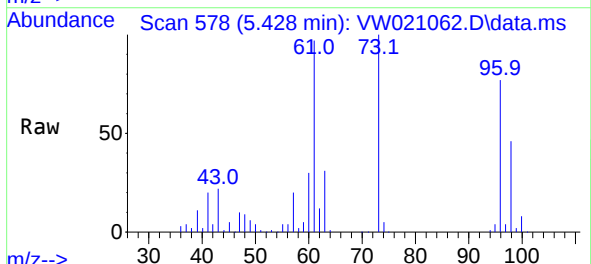
Instrument :
MSVOA_W
ClientSampleId :

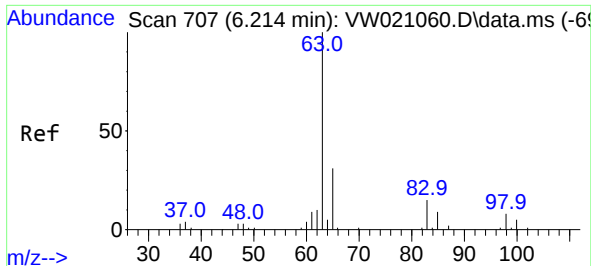
Tgt Ion: 96 Resp: 152769
Ion Ratio Lower Upper
96 100
61 129.1 107.4 199.4
98 63.5 41.2 76.6



#18
Methyl tert-butyl Ether
Concen: 96.537 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW021062.D
Acq: 03 Dec 2021 13:20

Tgt Ion: 73 Resp: 223519
Ion Ratio Lower Upper
73 100
43 22.7 19.5 29.3
57 20.3 19.3 28.9

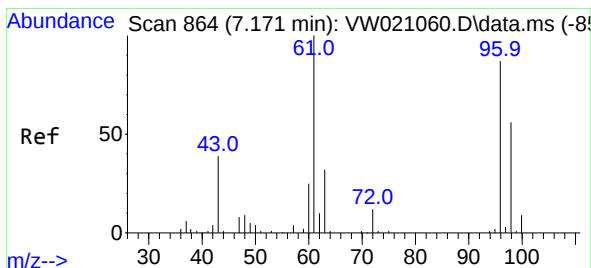
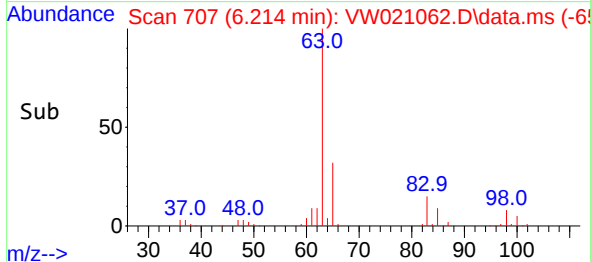
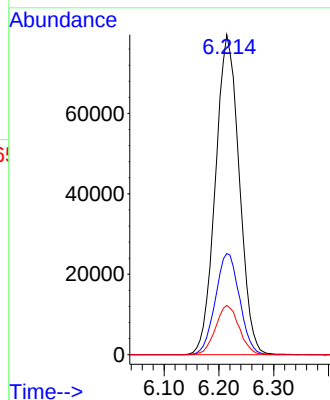
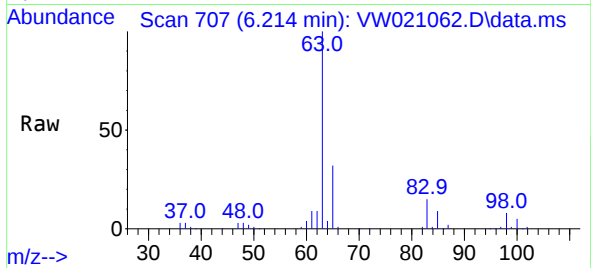




#19
1,1-Dichloroethane
Concen: 98.139 ug/L
RT: 6.214 min Scan# 707
Delta R.T. 0.000 min
Lab File: VW021062.D
Acq: 03 Dec 2021 13:20

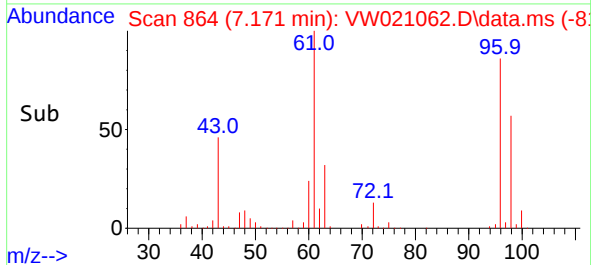
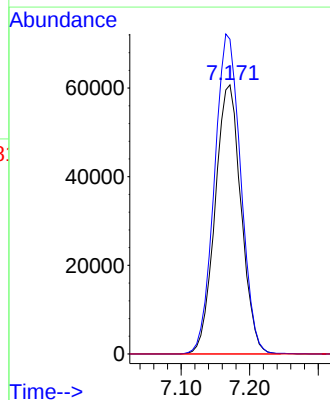
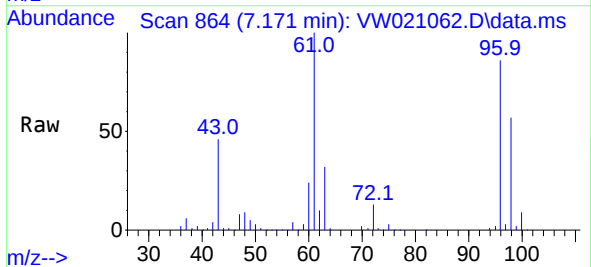
Instrument :
MSVOA_W
ClientSampleId :

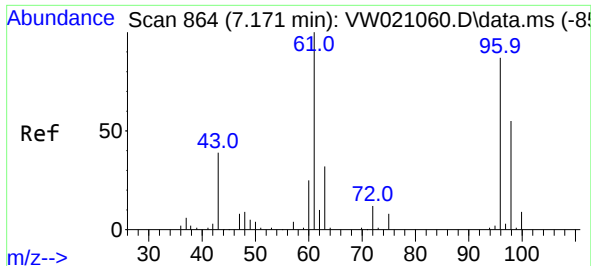
Tgt Ion: 63 Resp: 240228
Ion Ratio Lower Upper
63 100
65 31.6 22.1 41.1
83 15.4 9.2 17.2



#20
cis-1,2-Dichloroethene
Concen: 98.366 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW021062.D
Acq: 03 Dec 2021 13:20

Tgt Ion: 96 Resp: 160193
Ion Ratio Lower Upper
96 100
61 116.9 103.7 192.7
68 0.0 0.0 0.0

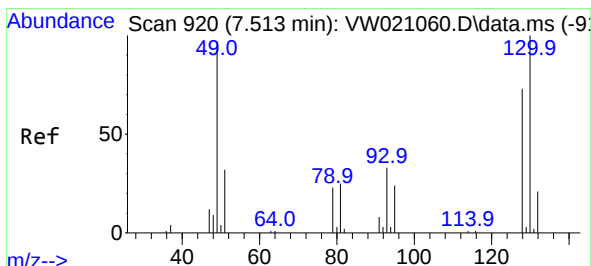
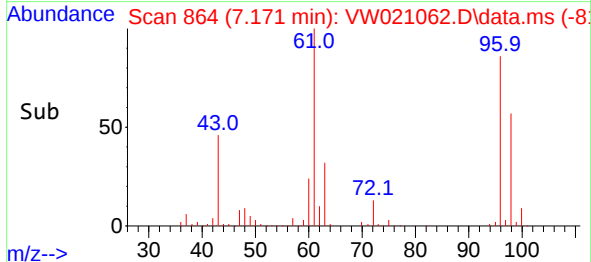
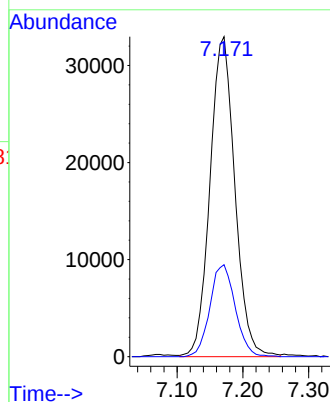
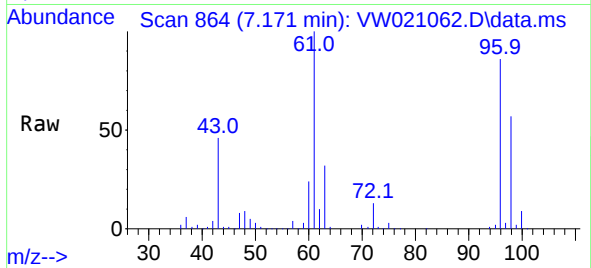




#22
2-Butanone
Concen: 191.236 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW021062.D
Acq: 03 Dec 2021 13:20

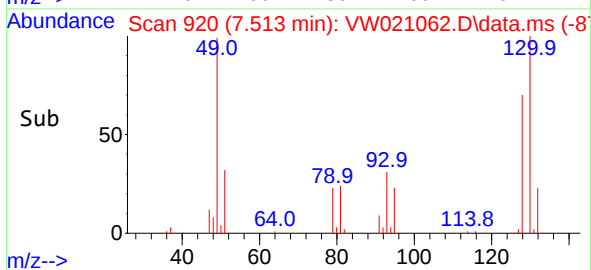
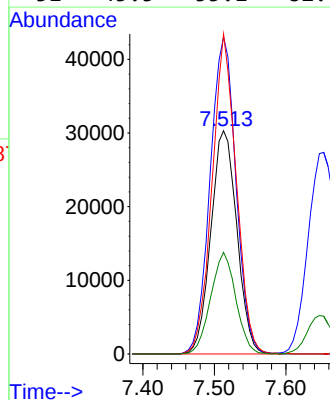
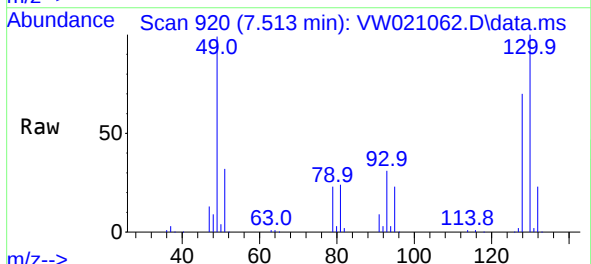
Instrument :
MSVOA_W
ClientSampled :

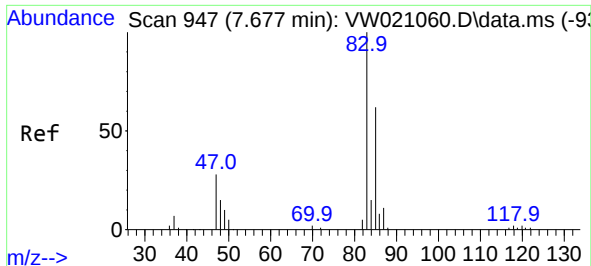
Tgt Ion: 43 Resp: 86810
Ion Ratio Lower Upper
43 100
72 29.2 11.8 35.4



#23
Bromochloromethane
Concen: 100.630 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW021062.D
Acq: 03 Dec 2021 13:20

Tgt Ion: 128 Resp: 76467
Ion Ratio Lower Upper
128 100
49 142.0 150.3 279.1#
130 143.4 88.3 163.9
51 45.5 55.1 82.7#

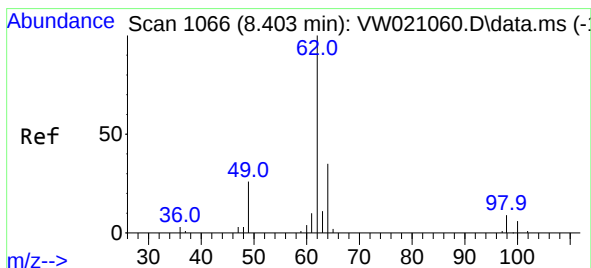
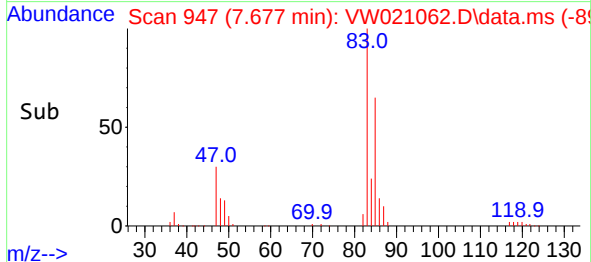
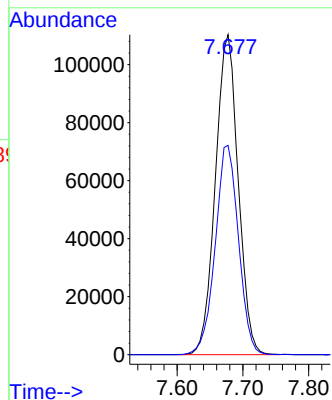
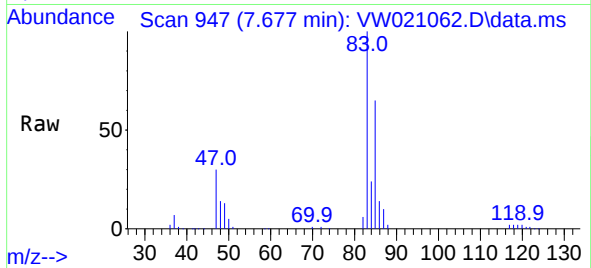




#25
Chloroform
Concen: 97.835 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW021062.D
Acq: 03 Dec 2021 13:20

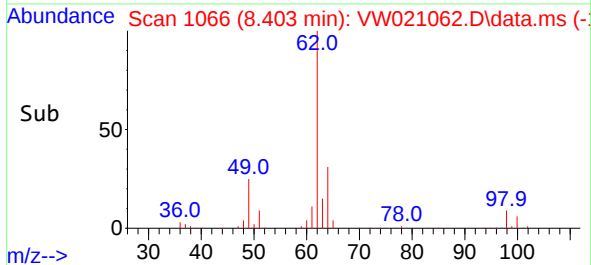
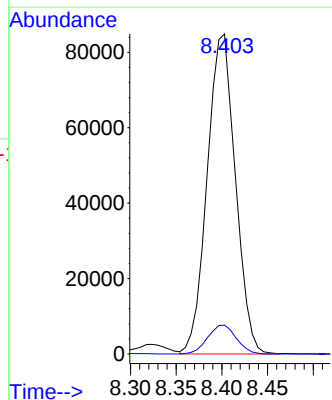
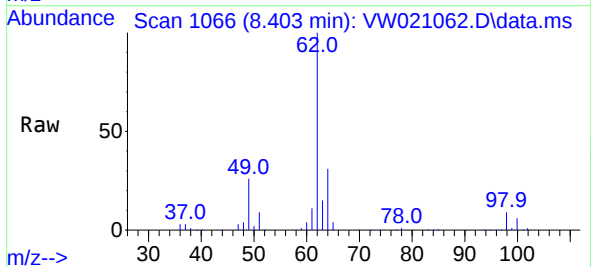
Instrument :
MSVOA_W
ClientSampleId :

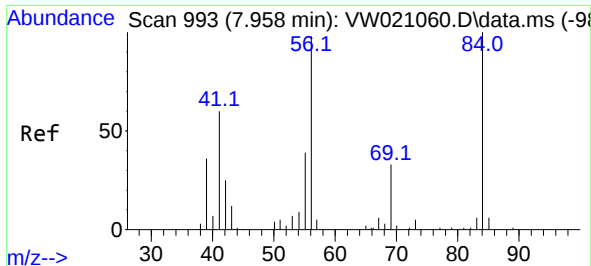
Tgt Ion: 83 Resp: 266580
Ion Ratio Lower Upper
83 100
85 65.4 45.1 83.7



#27
1,2-Dichloroethane
Concen: 101.597 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW021062.D
Acq: 03 Dec 2021 13:20

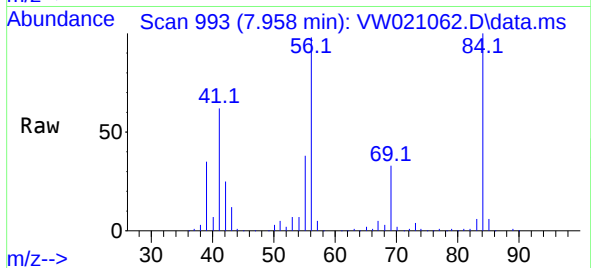
Tgt Ion: 62 Resp: 182195
Ion Ratio Lower Upper
62 100
98 9.0 6.5 9.7



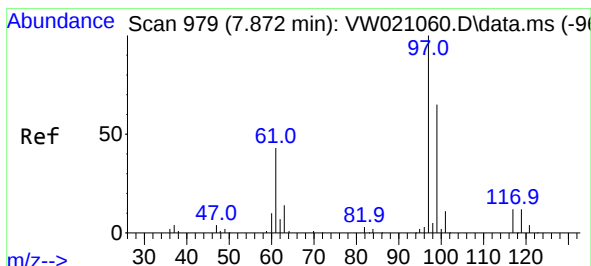
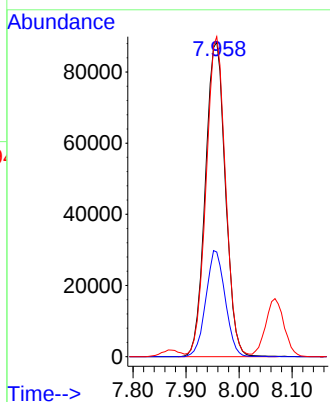
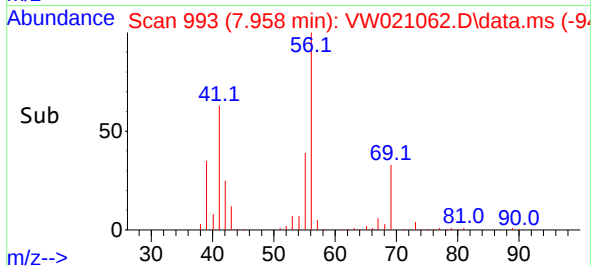


#29
Cyclohexane
Concen: 94.914 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW021062.D
Acq: 03 Dec 2021 13:20

Instrument :
MSVOA_W
ClientSampleId :

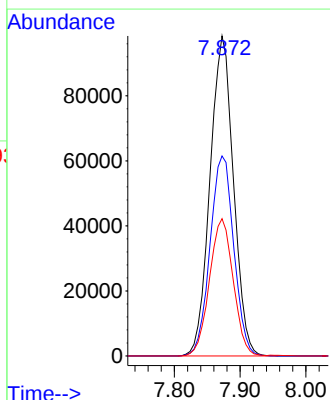
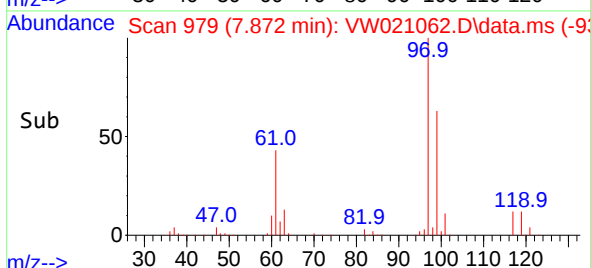
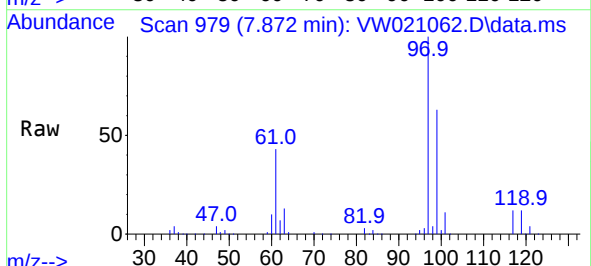


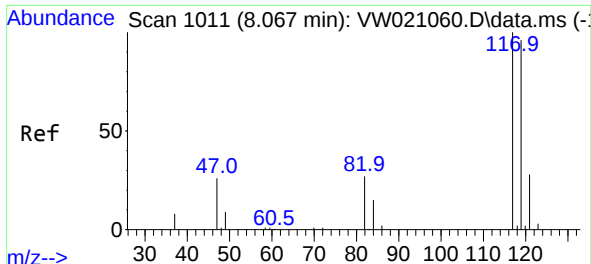
Tgt Ion: 56 Resp: 231266
Ion Ratio Lower Upper
56 100
69 32.7 23.5 35.3
84 98.7 63.4 95.2#



#30
1,1,1-Trichloroethane
Concen: 94.075 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW021062.D
Acq: 03 Dec 2021 13:20

Tgt Ion: 97 Resp: 244063
Ion Ratio Lower Upper
97 100
99 63.4 51.6 77.4
61 43.4 40.9 61.3

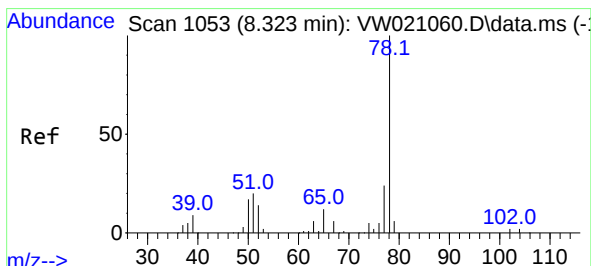
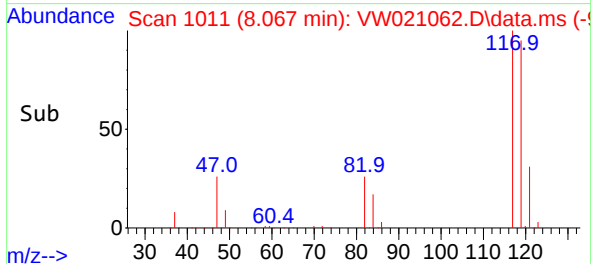
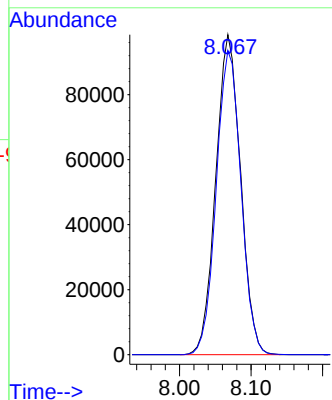
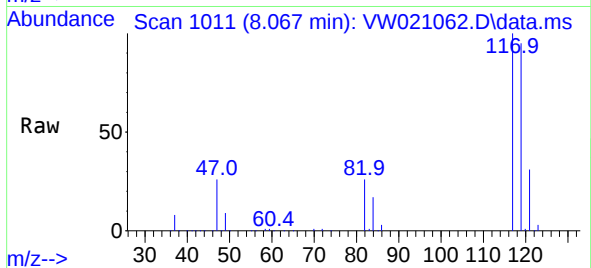




#31
Carbon tetrachloride
Concen: 99.274 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW021062.D
Acq: 03 Dec 2021 13:20

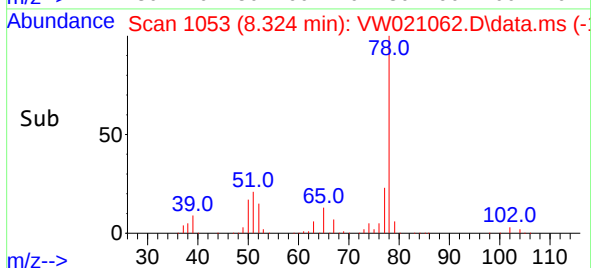
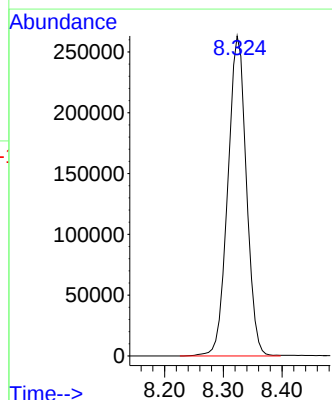
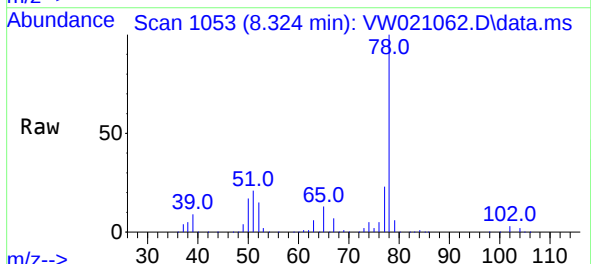
Instrument :
MSVOA_W
ClientSampleId :

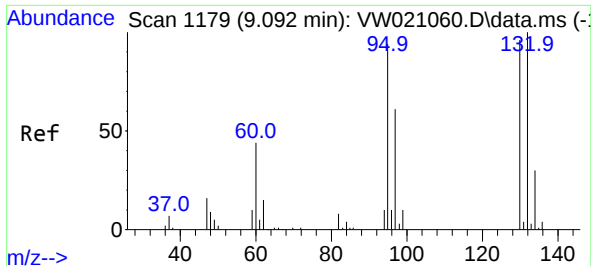
Tgt Ion:117 Resp: 236494
Ion Ratio Lower Upper
117 100
119 94.9 75.7 113.5



#33
Benzene
Concen: 92.162 ug/L
RT: 8.324 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW021062.D
Acq: 03 Dec 2021 13:20

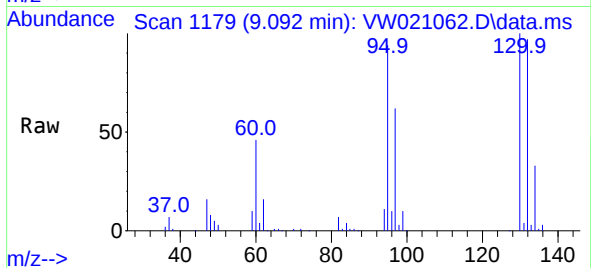
Tgt Ion: 78 Resp: 578837



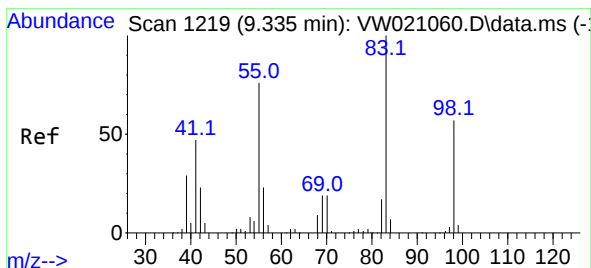
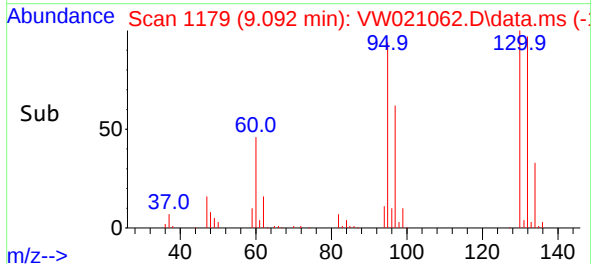
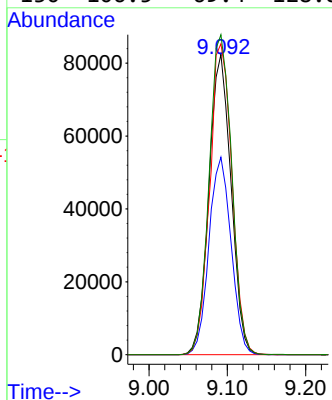


#34
Trichloroethene
Concen: 92.927 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW021062.D
Acq: 03 Dec 2021 13:20

Instrument :
MSVOA_W
ClientSampleId :

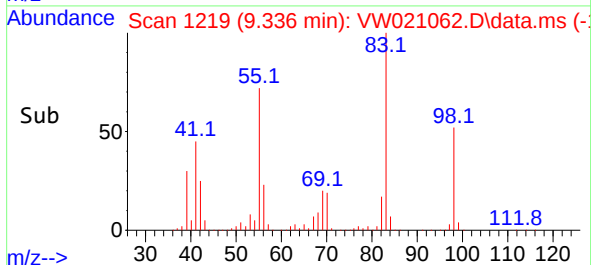
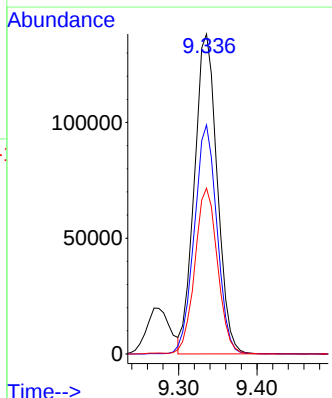
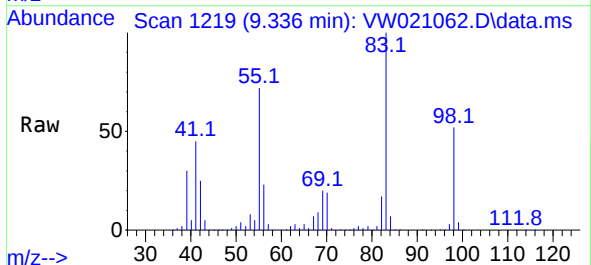


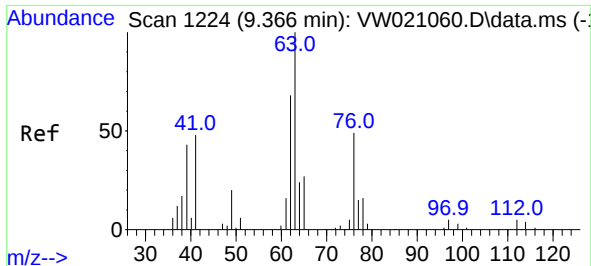
Tgt Ion: 95 Resp: 161540
Ion Ratio Lower Upper
95 100
97 65.7 47.0 87.2
132 103.5 65.5 121.6
130 106.5 69.4 128.8



#35
Methylcyclohexane
Concen: 95.239 ug/L
RT: 9.336 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW021062.D
Acq: 03 Dec 2021 13:20

Tgt Ion: 83 Resp: 278992
Ion Ratio Lower Upper
83 100
55 71.3 70.8 106.2
98 51.6 37.7 56.5





#37

1,2-Dichloropropane

Concen: 93.586 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW021062.D

Acq: 03 Dec 2021 13:20

Instrument :

MSVOA_W

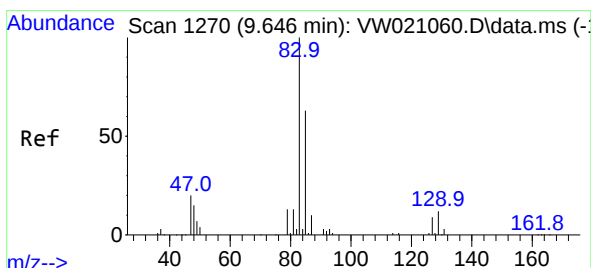
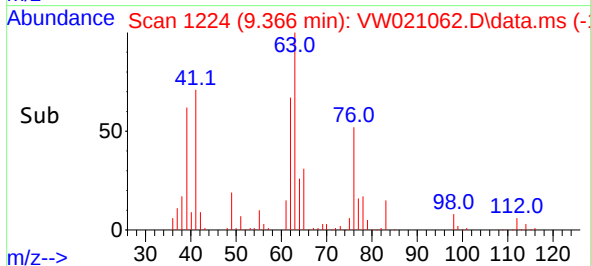
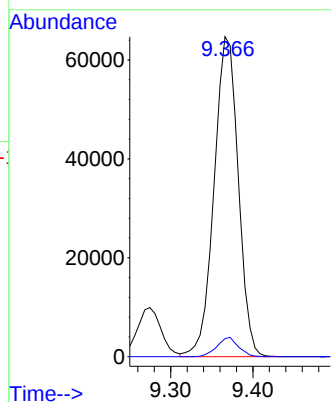
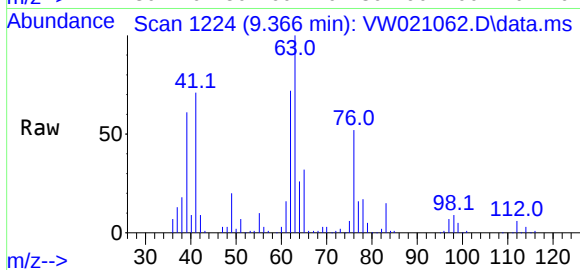
ClientSampleId :

Tgt Ion: 63 Resp: 132312

Ion Ratio Lower Upper

63 100

112 5.4 3.2 4.8#



#38

Bromodichloromethane

Concen: 102.070 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW021062.D

Acq: 03 Dec 2021 13:20

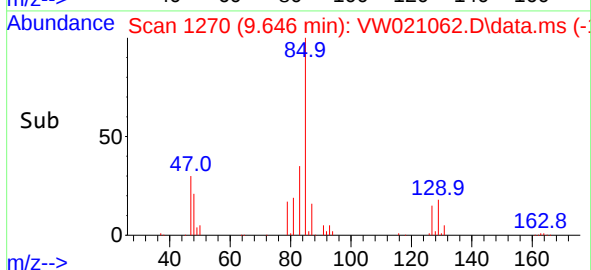
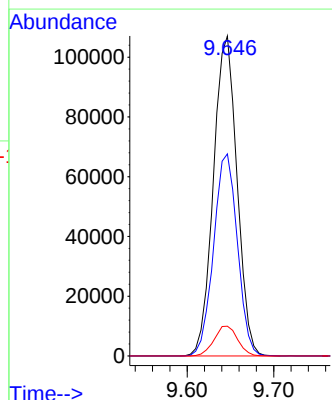
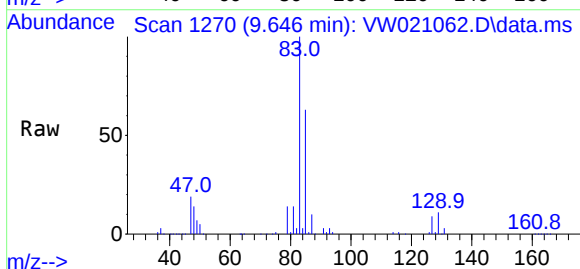
Tgt Ion: 83 Resp: 202753

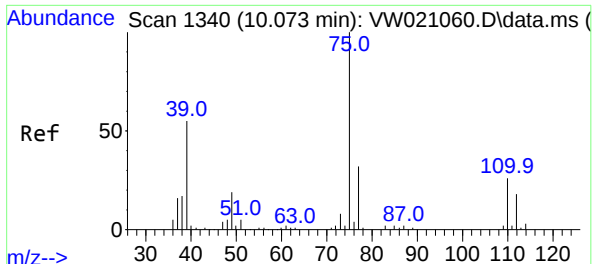
Ion Ratio Lower Upper

83 100

85 63.2 44.1 81.9

127 9.3 6.1 9.1#





#39

cis-1,3-Dichloropropene

Concen: 104.196 ug/L

RT: 10.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW021062.D

Acq: 03 Dec 2021 13:20

Instrument :

MSVOA_W

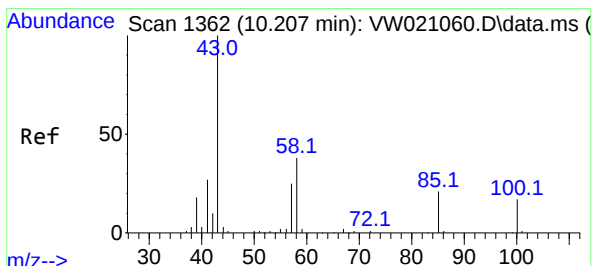
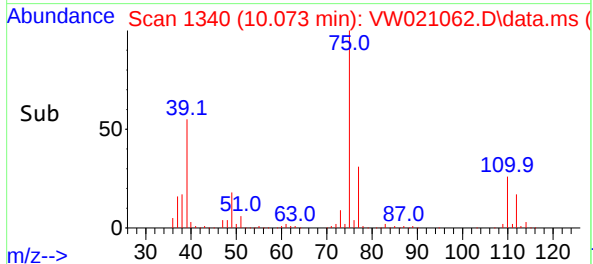
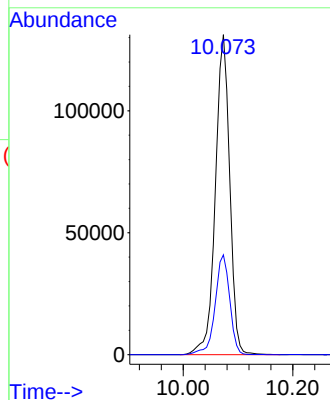
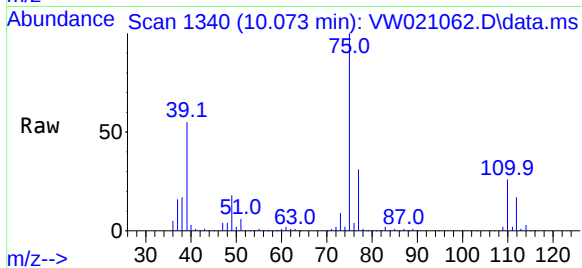
ClientSampleId :

Tgt Ion: 75 Resp: 237924

Ion Ratio Lower Upper

75 100

77 31.2 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 204.272 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW021062.D

Acq: 03 Dec 2021 13:20

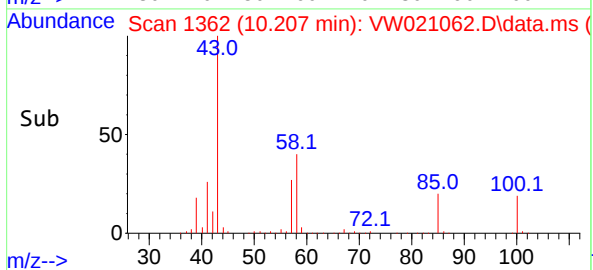
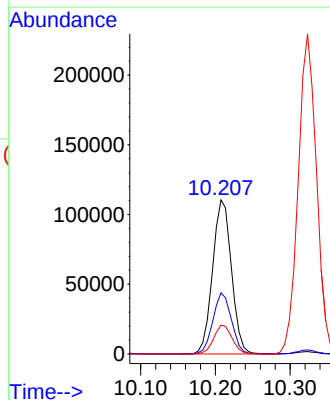
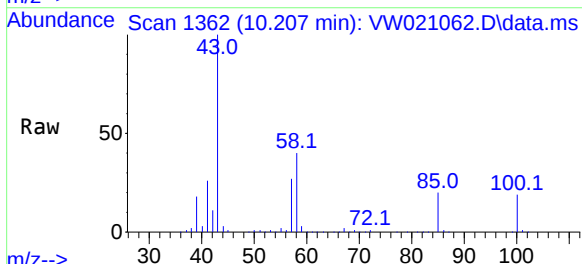
Tgt Ion: 43 Resp: 194391

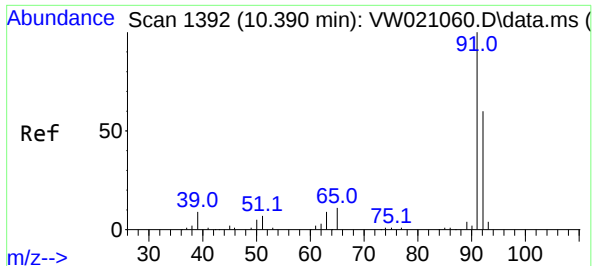
Ion Ratio Lower Upper

43 100

58 38.9 28.8 43.2

100 18.2 10.0 15.0#

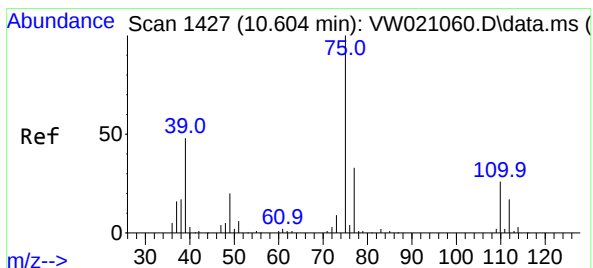
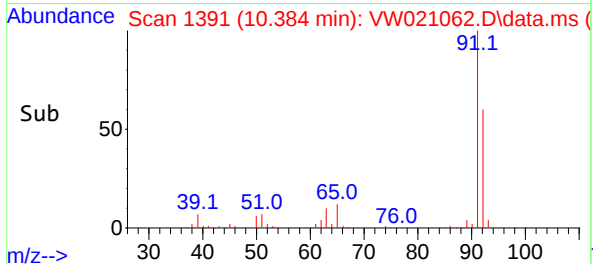
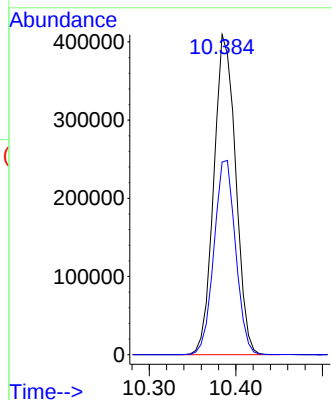
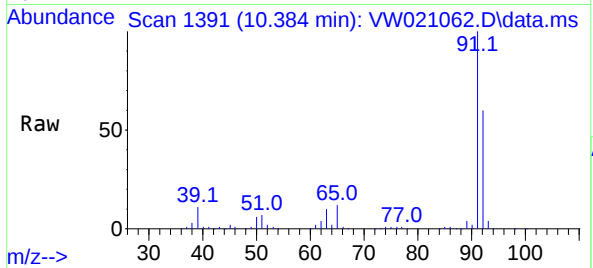




#42
Toluene
Concen: 100.988 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VW021062.D
Acq: 03 Dec 2021 13:20

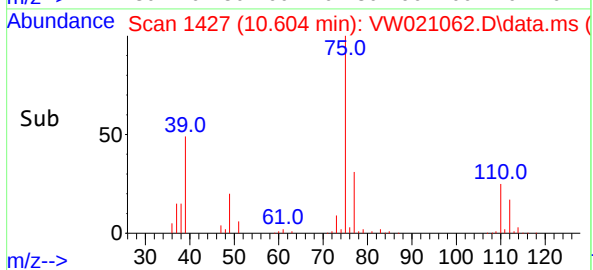
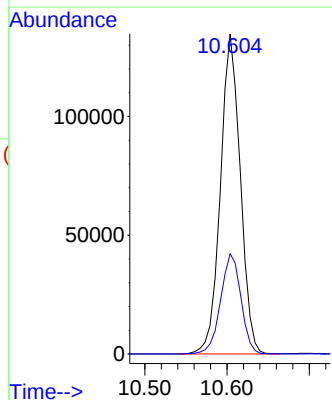
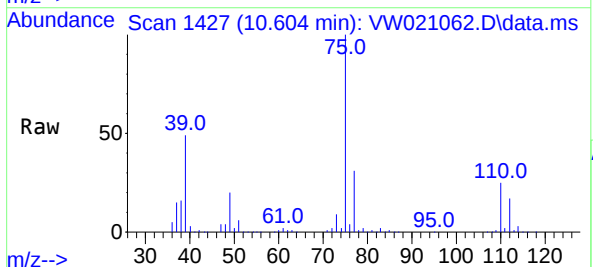
Instrument :
MSVOA_W
ClientSampleId :

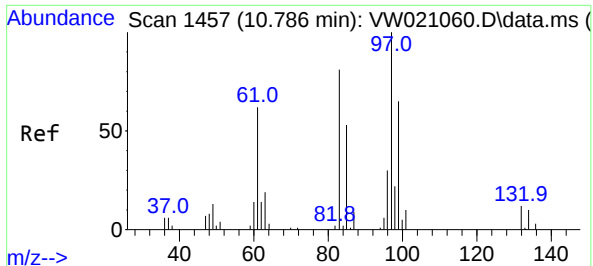
Tgt Ion: 91 Resp: 717543
Ion Ratio Lower Upper
91 100
92 60.2 41.7 77.5



#44
trans-1,3-Dichloropropene
Concen: 110.369 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW021062.D
Acq: 03 Dec 2021 13:20

Tgt Ion: 75 Resp: 226324
Ion Ratio Lower Upper
75 100
77 31.3 22.2 41.2





#45

1,1,2-Trichloroethane

Concen: 99.853 ug/L

RT: 10.787 min Scan# 14

Delta R.T. 0.000 min

Lab File: VW021062.D

Acq: 03 Dec 2021 13:20

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 119551

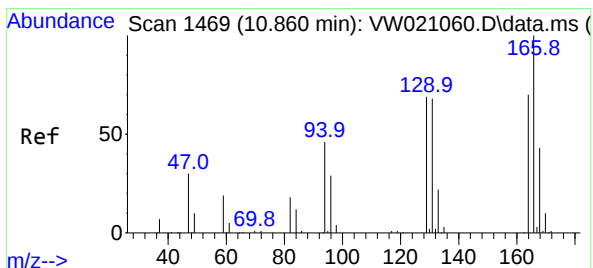
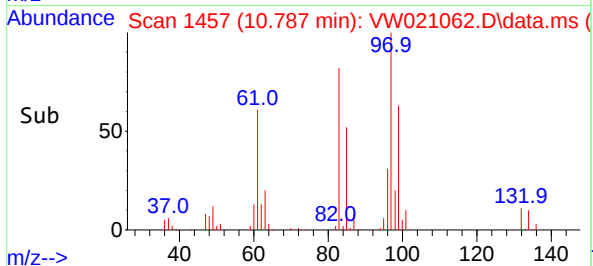
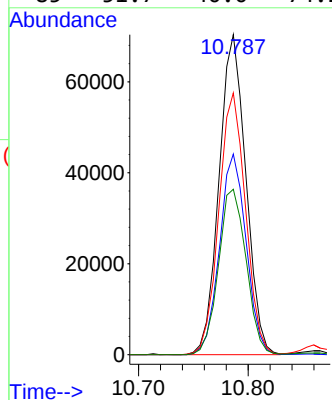
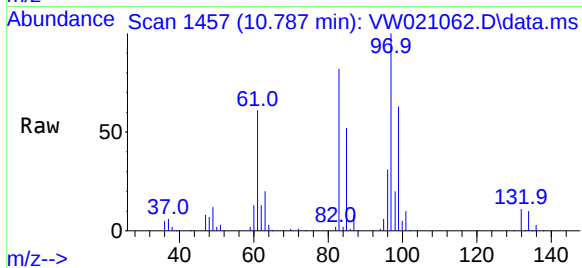
Ion Ratio Lower Upper

97 100

99 62.7 43.0 79.8

83 81.8 62.6 116.3

85 51.7 40.0 74.2



#46

Tetrachloroethene

Concen: 93.325 ug/L

RT: 10.866 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VW021062.D

Acq: 03 Dec 2021 13:20

Tgt Ion:164 Resp: 149680

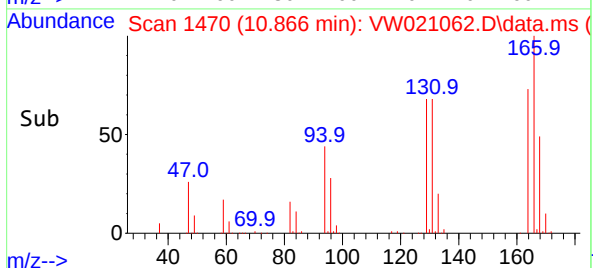
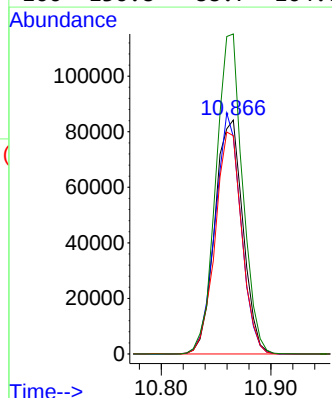
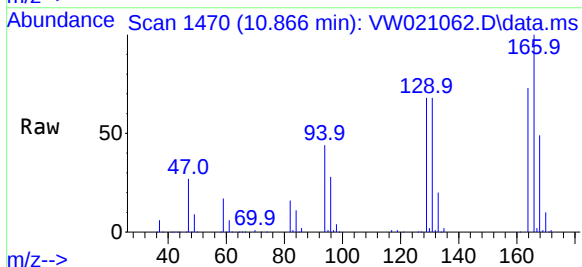
Ion Ratio Lower Upper

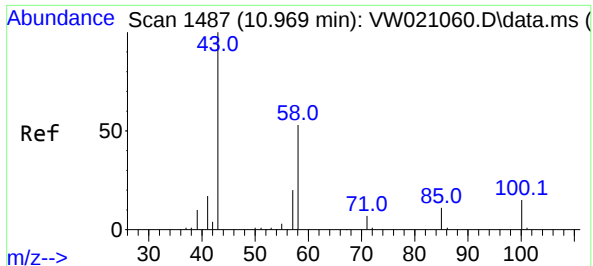
164 100

129 92.9 65.5 121.7

131 93.3 59.7 110.9

166 136.8 88.7 164.7

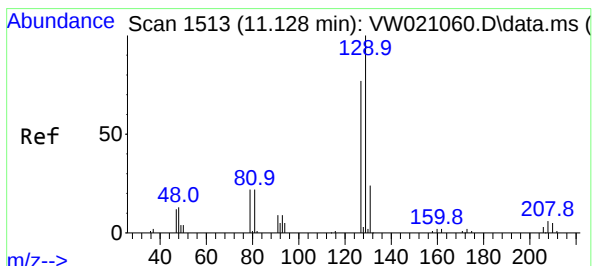
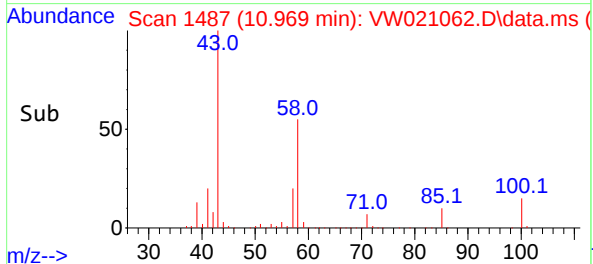
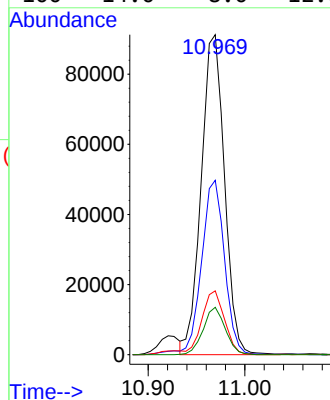
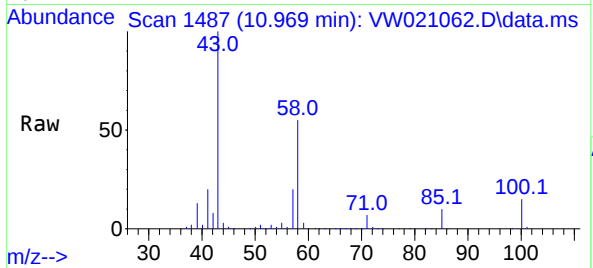




#48
2-Hexanone
Concen: 223.072 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW021062.D
Acq: 03 Dec 2021 13:20

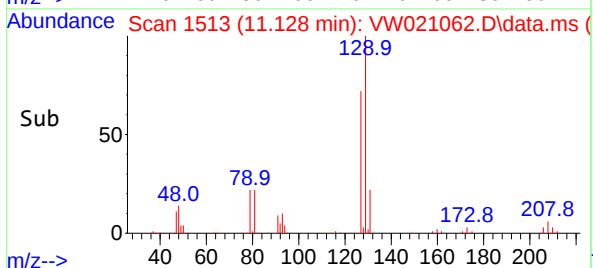
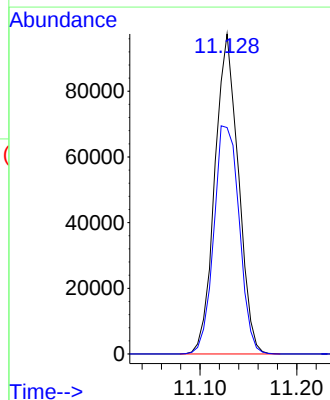
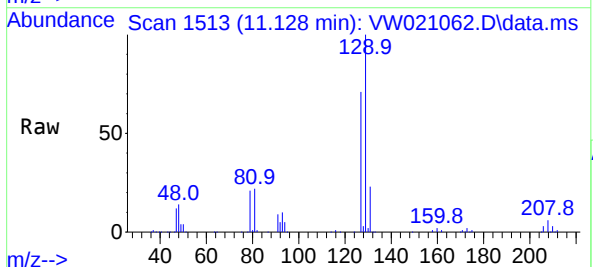
Instrument :
MSVOA_W
ClientSampleId :

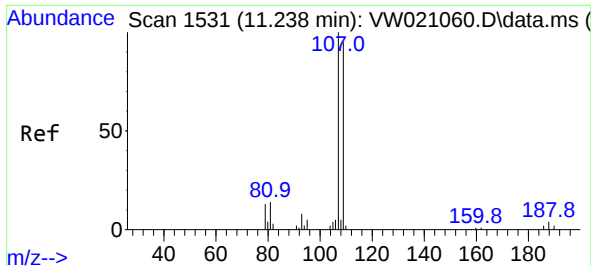
Tgt Ion: 43 Resp: 152986
Ion Ratio Lower Upper
43 100
58 53.3 40.2 60.2
57 19.2 14.3 21.5
100 14.0 8.0 12.0#



#49
Dibromochloromethane
Concen: 112.700 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW021062.D
Acq: 03 Dec 2021 13:20

Tgt Ion:129 Resp: 164720
Ion Ratio Lower Upper
129 100
127 70.7 55.7 103.5





#50

1,2-Dibromoethane

Concen: 104.431 ug/L

RT: 11.232 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW021062.D

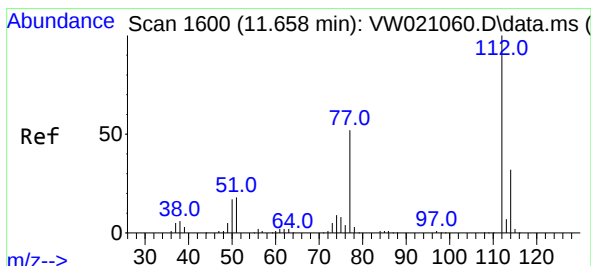
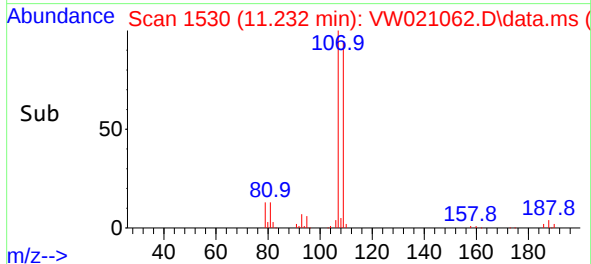
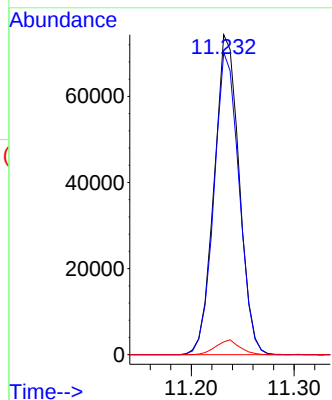
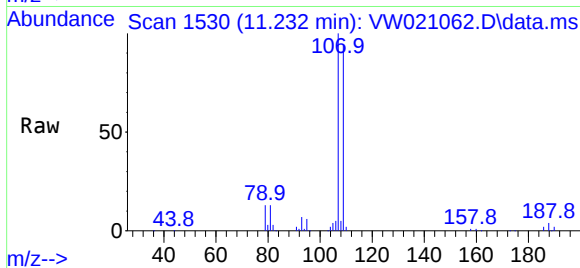
Acq: 03 Dec 2021 13:20

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:107	Resp: 125411
Ion Ratio	Lower Upper
107	100
109	94.4 64.1 119.1
188	4.0 2.6 3.8#



#51

Chlorobenzene

Concen: 100.115 ug/L

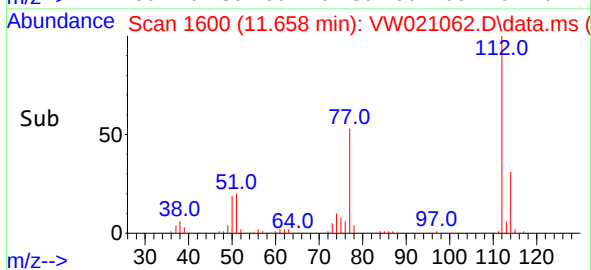
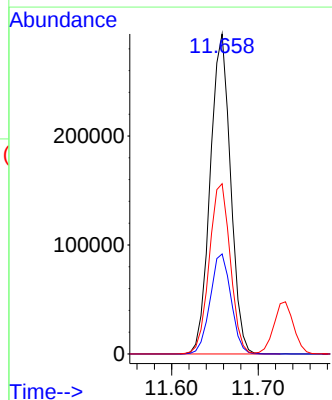
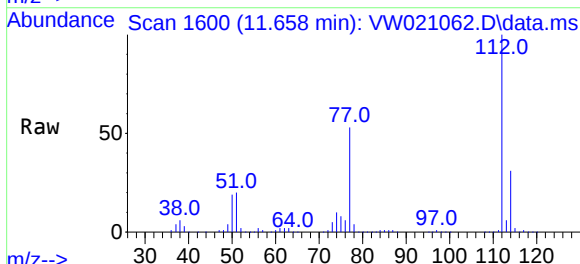
RT: 11.658 min Scan# 1600

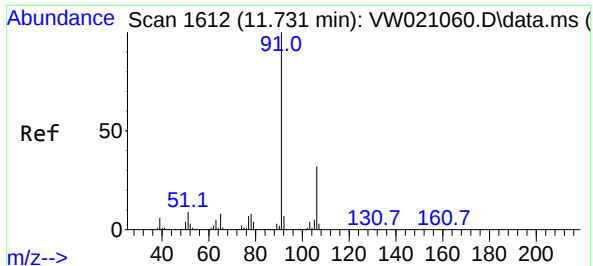
Delta R.T. 0.000 min

Lab File: VW021062.D

Acq: 03 Dec 2021 13:20

Tgt Ion:112	Resp: 478949
Ion Ratio	Lower Upper
112	100
114	31.2 22.4 41.6
77	53.2 50.2 75.4

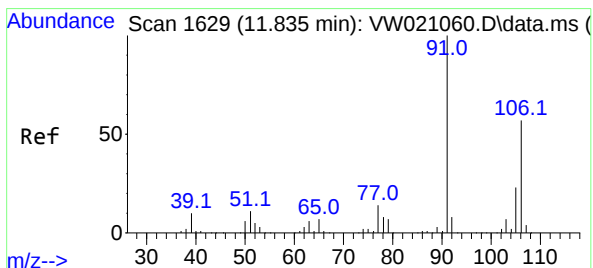
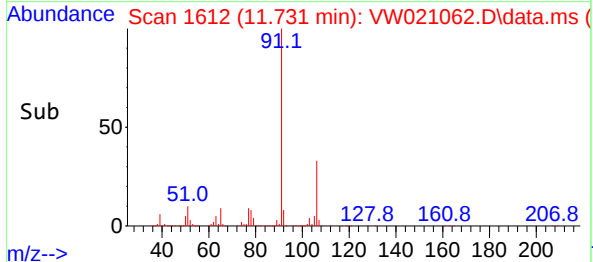
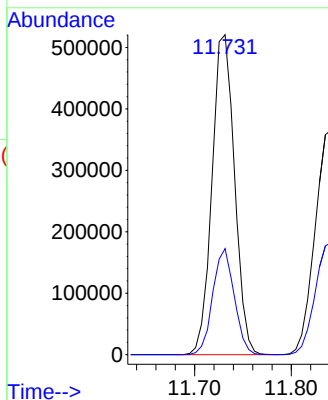
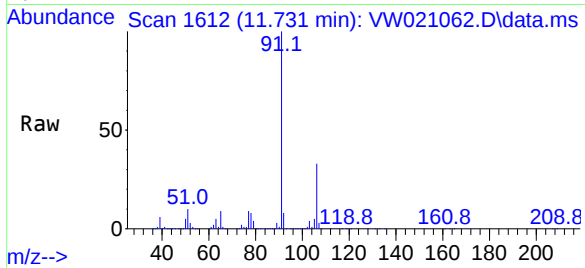




#52
Ethylbenzene
Concen: 104.676 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW021062.D
Acq: 03 Dec 2021 13:20

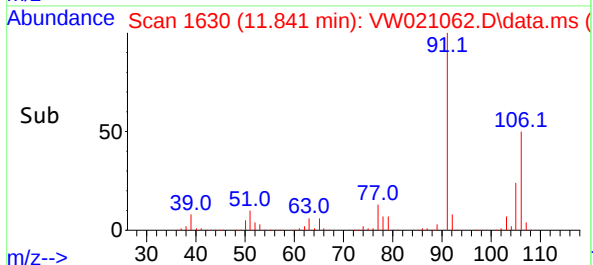
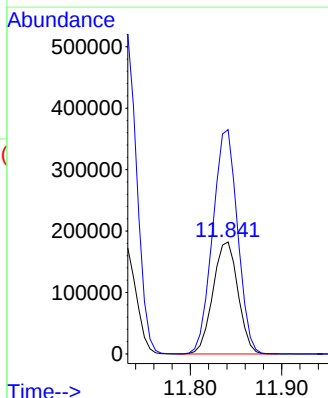
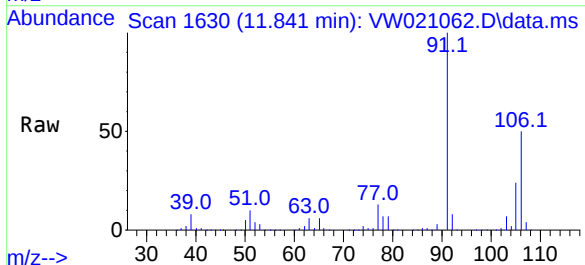
Instrument :
MSVOA_W
ClientSampleId :

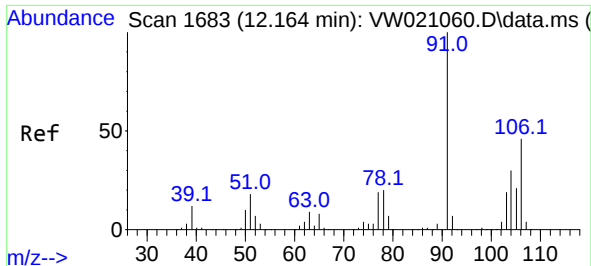
Tgt Ion: 91 Resp: 842534
Ion Ratio Lower Upper
91 100
106 33.1 21.5 39.9



#53
m,p-Xylene
Concen: 103.804 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW021062.D
Acq: 03 Dec 2021 13:20

Tgt Ion:106 Resp: 347092
Ion Ratio Lower Upper
106 100
91 200.3 149.9 278.3

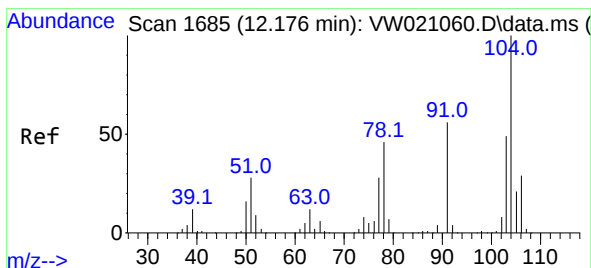
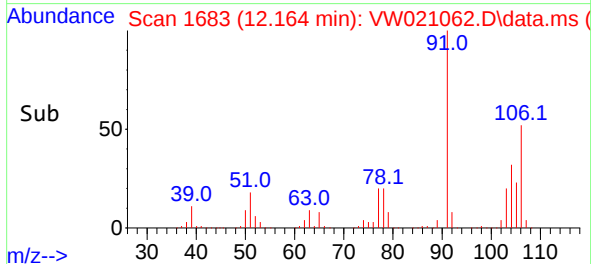
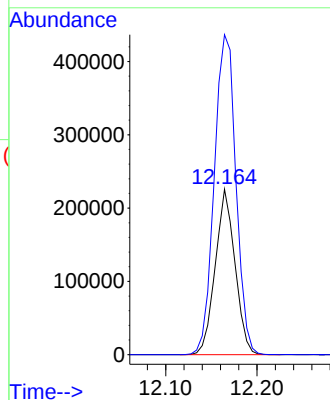
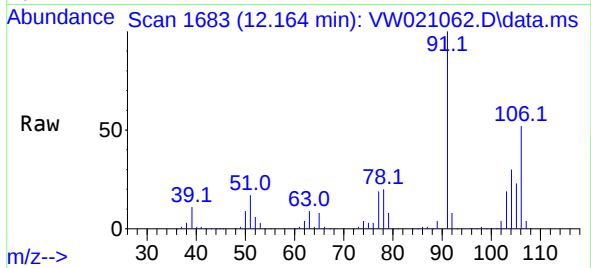




#54
o-Xylene
Concen: 109.049 ug/L
RT: 12.164 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW021062.D
Acq: 03 Dec 2021 13:20

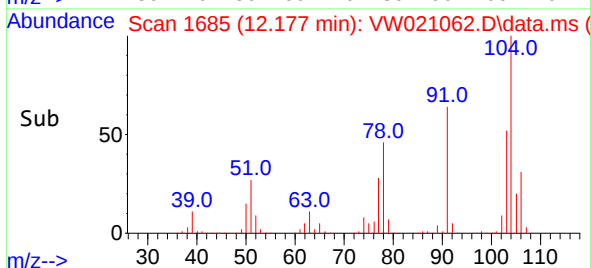
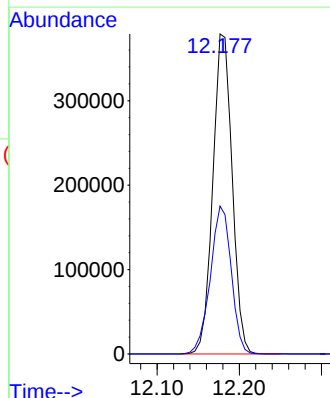
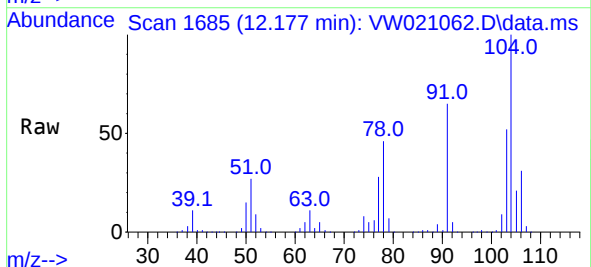
Instrument :
MSVOA_W
ClientSampleId :

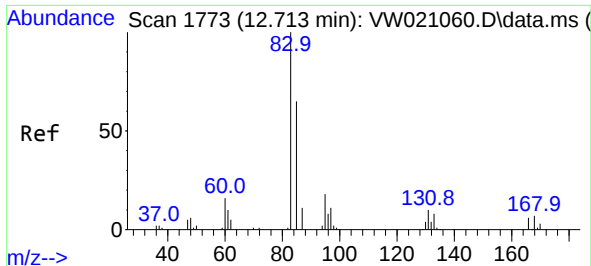
Tgt Ion:106 Resp: 339017
Ion Ratio Lower Upper
106 100
91 193.4 153.6 285.3



#55
Styrene
Concen: 115.955 ug/L
RT: 12.177 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW021062.D
Acq: 03 Dec 2021 13:20

Tgt Ion:104 Resp: 619634
Ion Ratio Lower Upper
104 100
78 46.2 34.4 64.0

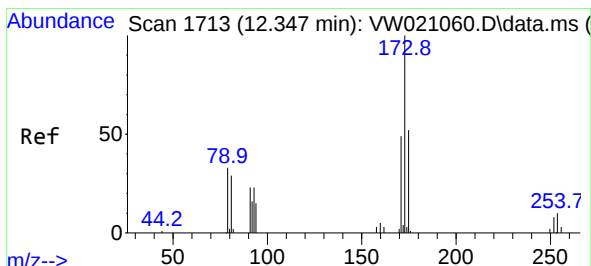
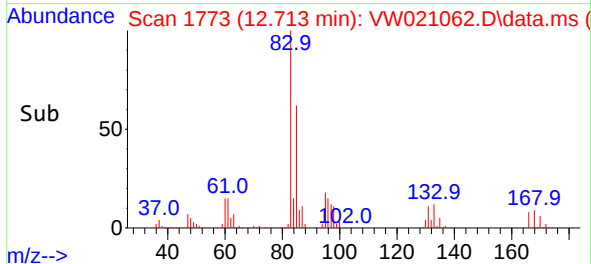
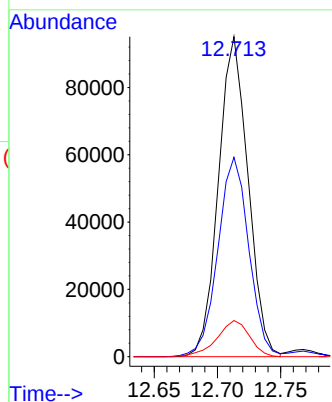
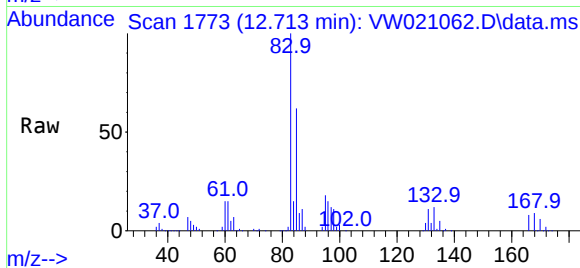




#57
1,1,2,2-Tetrachloroethane
Concen: 109.073 ug/L
RT: 12.713 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW021062.D
Acq: 03 Dec 2021 13:20

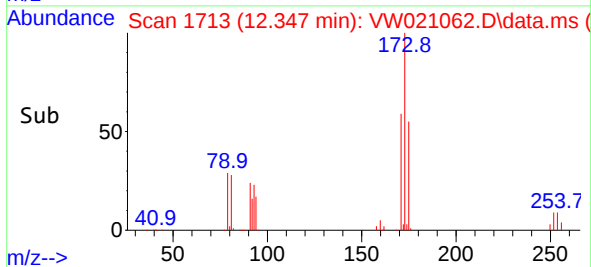
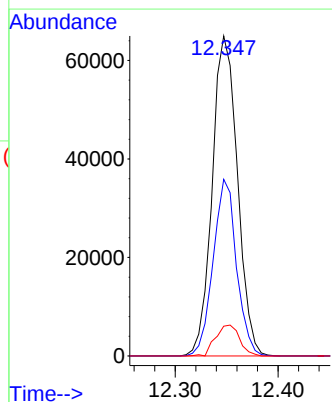
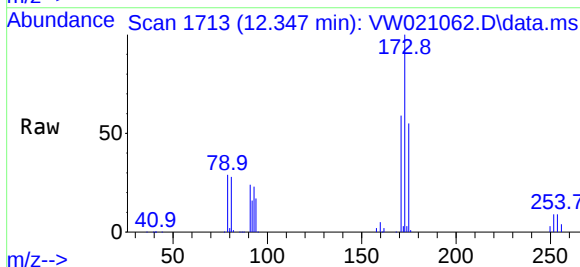
Instrument :
MSVOA_W
ClientSampleId :

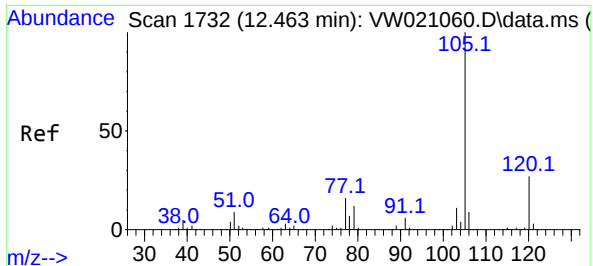
Tgt Ion: 83 Resp: 154599
Ion Ratio Lower Upper
83 100
85 62.3 44.0 81.6
131 11.3 6.9 10.3#



#59
Bromoform
Concen: 119.379 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW021062.D
Acq: 03 Dec 2021 13:20

Tgt Ion:173 Resp: 110818
Ion Ratio Lower Upper
173 100
175 51.0 39.6 59.4
254 9.1 7.4 11.0

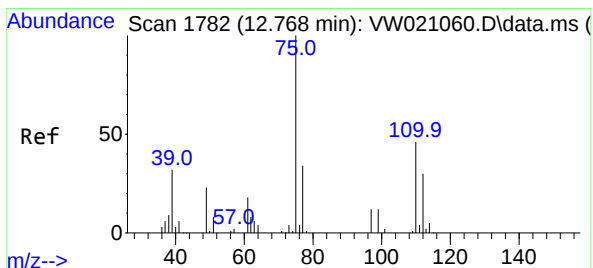
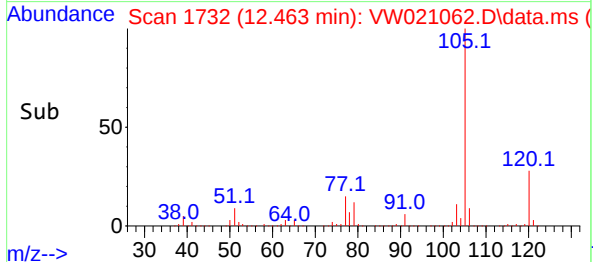
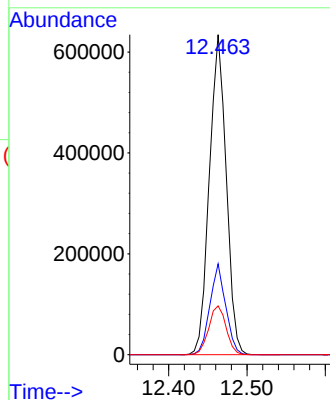
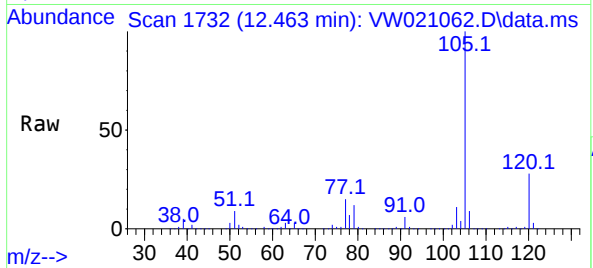




#60
Isopropylbenzene
Concen: 104.598 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW021062.D
Acq: 03 Dec 2021 13:20

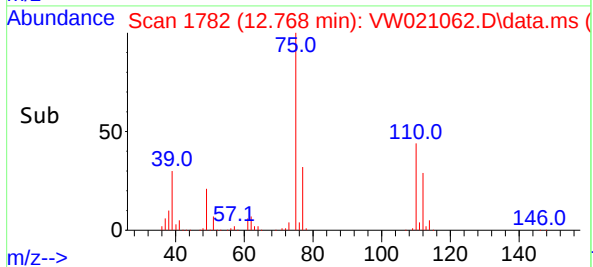
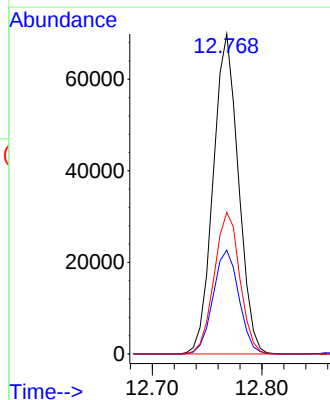
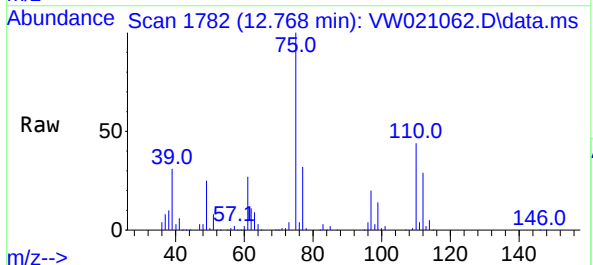
Instrument :
MSVOA_W
ClientSampleId :

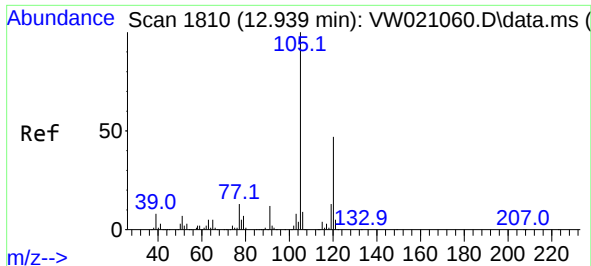
Tgt Ion:105 Resp: 947646
Ion Ratio Lower Upper
105 100
120 26.6 20.1 30.1
77 15.8 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 102.935 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW021062.D
Acq: 03 Dec 2021 13:20

Tgt Ion: 75 Resp: 111882
Ion Ratio Lower Upper
75 100
77 33.1 25.8 38.8
110 44.9 29.0 43.4#





#62

1,3,5-Trimethylbenzene

Concen: 104.694 ug/L

RT: 12.945 min Scan# 1811

Delta R.T. 0.006 min

Lab File: VW021062.D

Acq: 03 Dec 2021 13:20

Instrument :

MSVOA_W

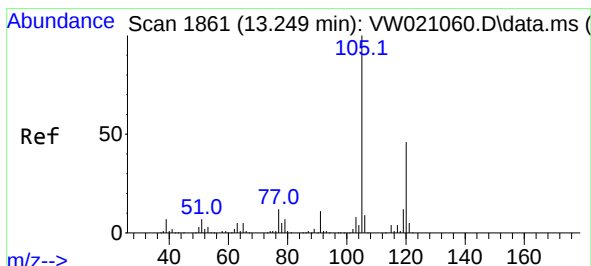
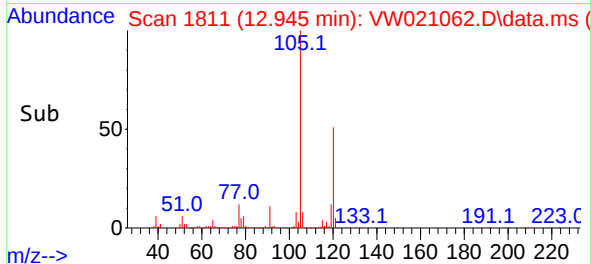
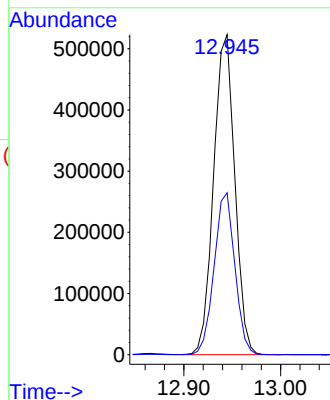
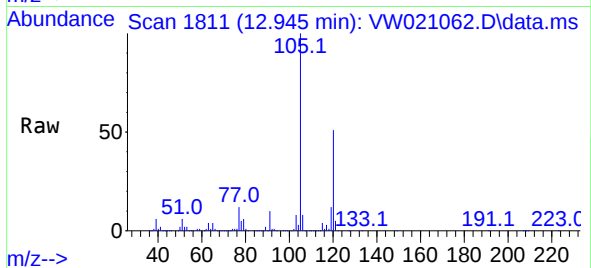
ClientSampleId :

Tgt Ion:105 Resp: 795073

Ion Ratio Lower Upper

105 100

120 49.6 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 102.785 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW021062.D

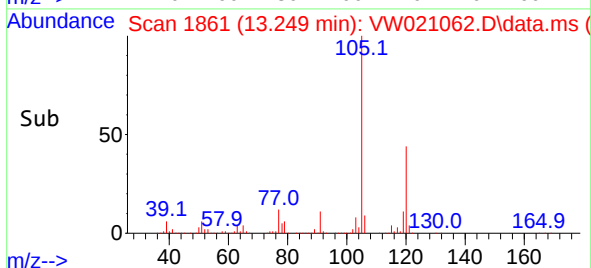
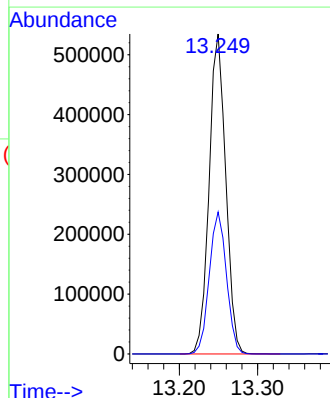
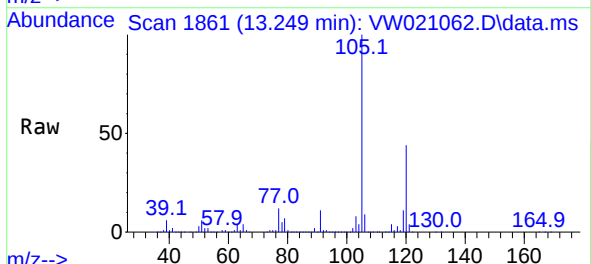
Acq: 03 Dec 2021 13:20

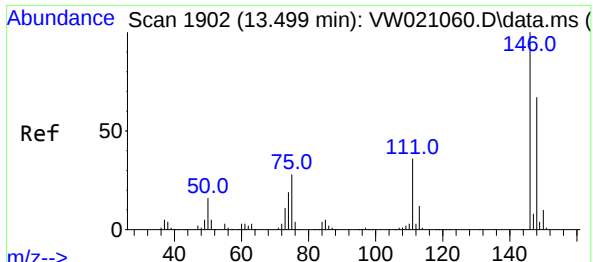
Tgt Ion:105 Resp: 786568

Ion Ratio Lower Upper

105 100

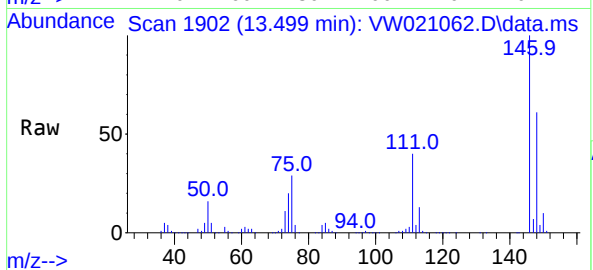
120 45.7 35.0 52.6



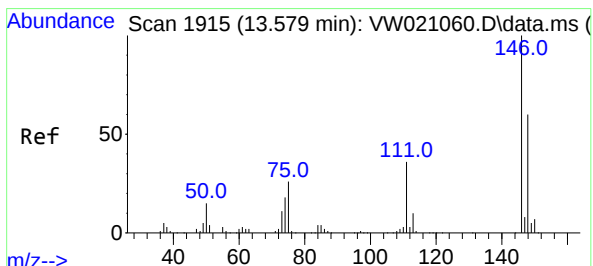
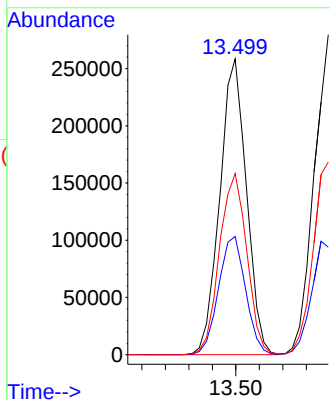
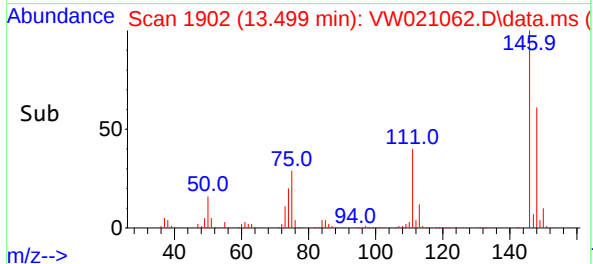


#64
1,3-Dichlorobenzene
Concen: 95.316 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW021062.D
Acq: 03 Dec 2021 13:20

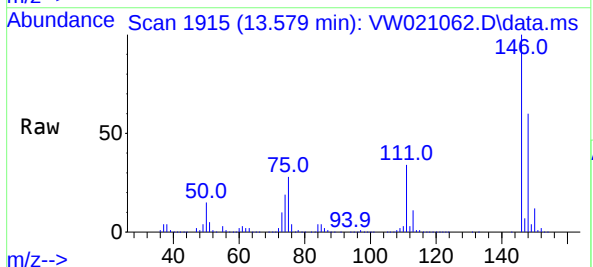
Instrument :
MSVOA_W
ClientSampleId :



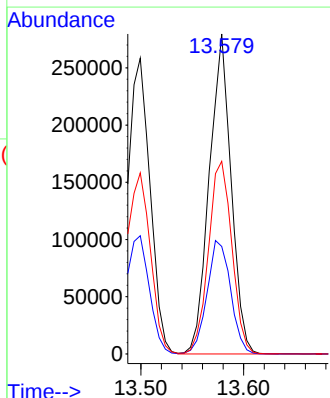
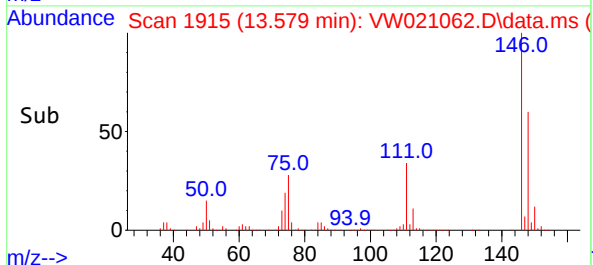
Tgt Ion:146 Resp: 407429
Ion Ratio Lower Upper
146 100
111 39.9 29.8 55.3
148 61.2 46.2 85.8

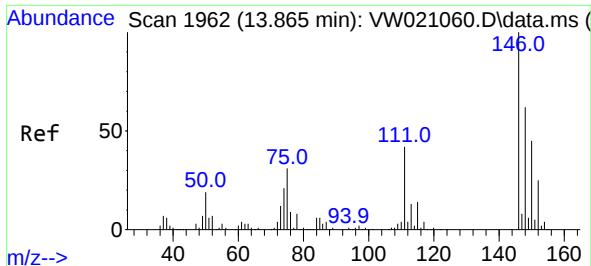


#65
1,4-Dichlorobenzene
Concen: 96.776 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW021062.D
Acq: 03 Dec 2021 13:20



Tgt Ion:146 Resp: 412806
Ion Ratio Lower Upper
146 100
111 33.6 29.0 53.9
148 60.2 46.9 87.1

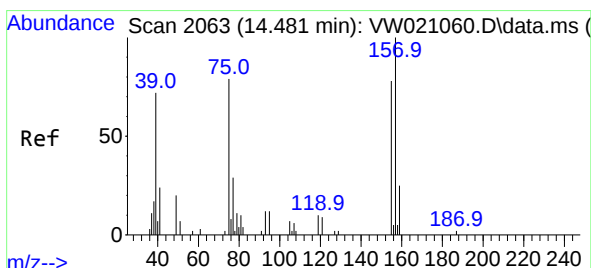
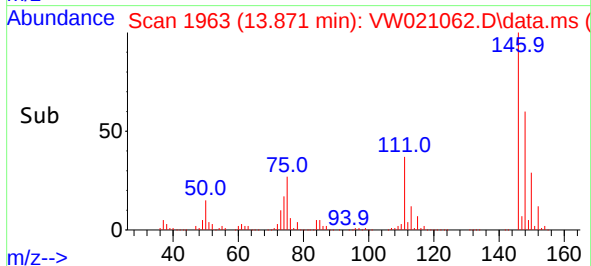
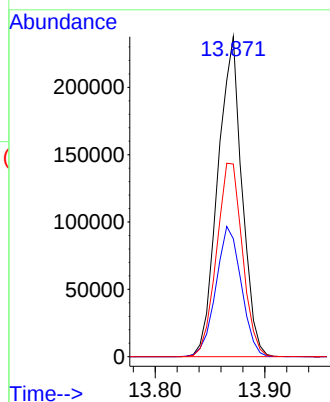
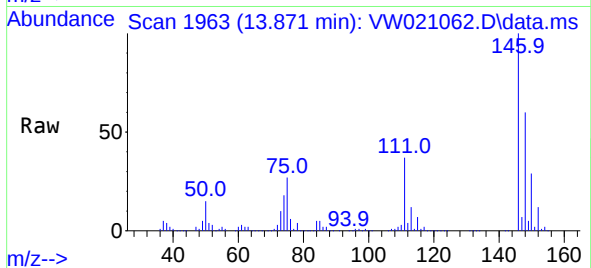




#67
1,2-Dichlorobenzene
Concen: 95.976 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. 0.006 min
Lab File: VW021062.D
Acq: 03 Dec 2021 13:20

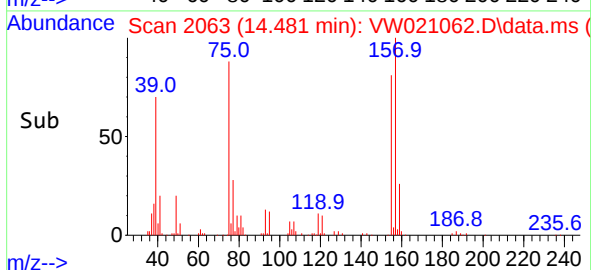
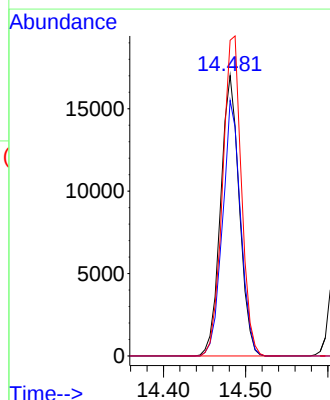
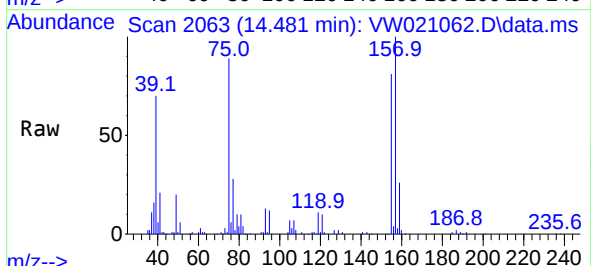
Instrument :
MSVOA_W
ClientSampleId :

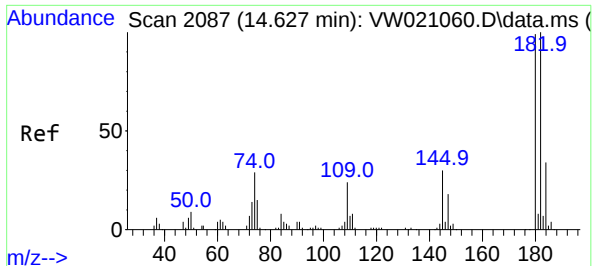
Tgt Ion:146 Resp: 364429
Ion Ratio Lower Upper
146 100
111 36.9 33.1 49.7
148 60.2 47.4 71.2



#68
1,2-Dibromo-3-chloropropane
Concen: 113.077 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW021062.D
Acq: 03 Dec 2021 13:20

Tgt Ion: 75 Resp: 26907
Ion Ratio Lower Upper
75 100
155 91.1 54.2 81.2#
157 112.6 69.4 104.2#





#69

1,3,5-Trichlorobenzene

Concen: 91.882 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. 0.000 min

Lab File: VW021062.D

Acq: 03 Dec 2021 13:20

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 286513

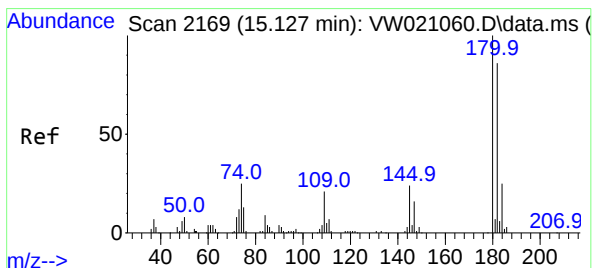
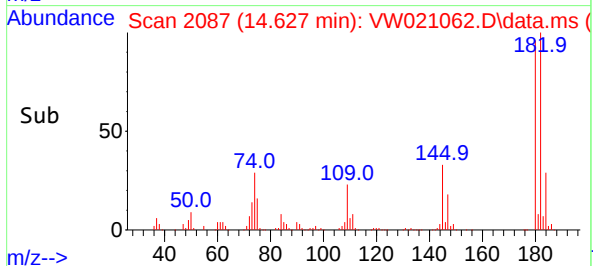
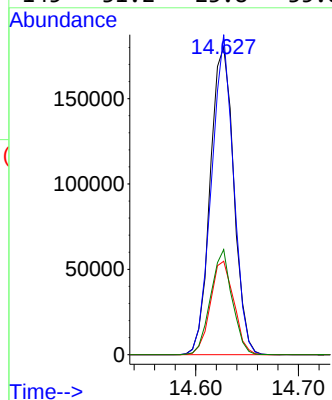
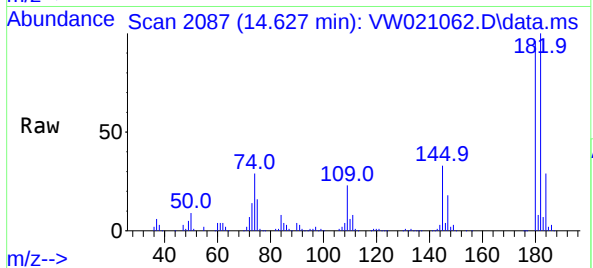
Ion Ratio Lower Upper

180 100

182 97.2 75.4 113.0

184 30.3 23.8 35.8

145 31.2 23.8 35.8



#70

1,2,4-trichlorobenzene

Concen: 92.298 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW021062.D

Acq: 03 Dec 2021 13:20

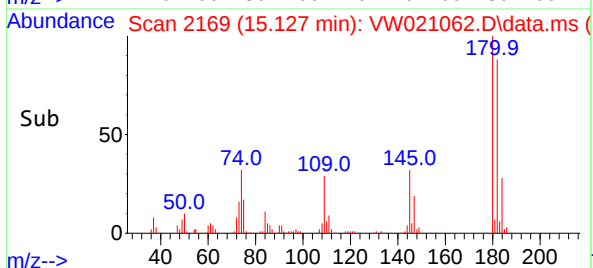
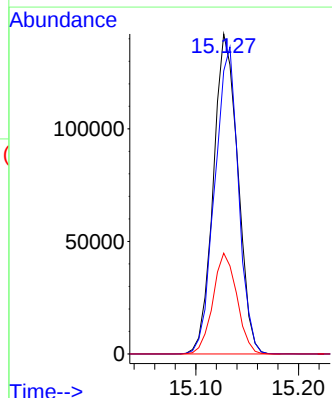
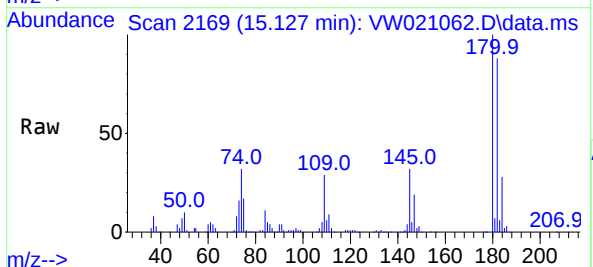
Tgt Ion:180 Resp: 235019

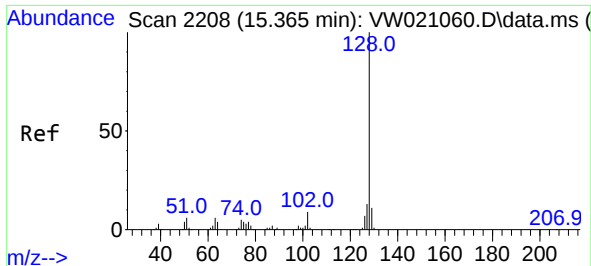
Ion Ratio Lower Upper

180 100

182 92.7 79.0 118.6

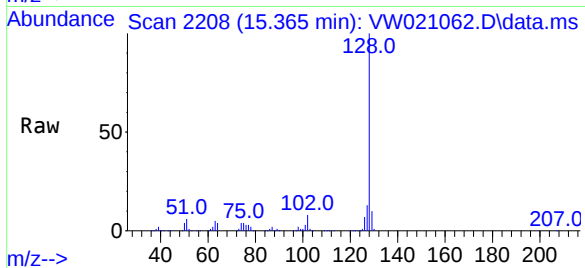
145 30.8 26.0 39.0



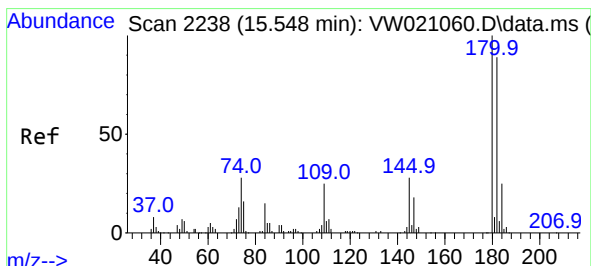
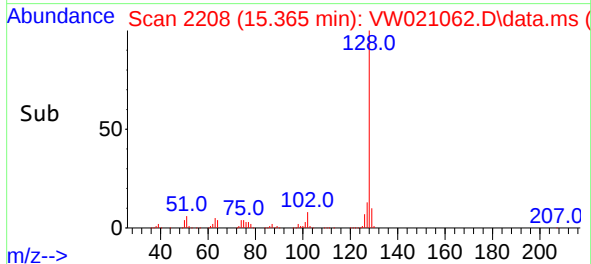
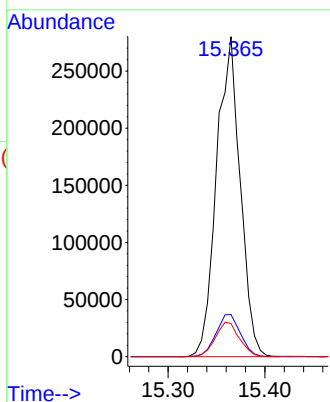


#71
Naphthalene
Concen: 99.168 ug/L
RT: 15.365 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW021062.D
Acq: 03 Dec 2021 13:20

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:128 Resp: 474425
Ion Ratio Lower Upper
128 100
127 13.7 10.7 16.1
129 11.0 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 98.271 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. 0.000 min
Lab File: VW021062.D
Acq: 03 Dec 2021 13:20

Tgt Ion:180 Resp: 220884
Ion Ratio Lower Upper
180 100
182 88.9 76.6 114.8
145 31.4 27.4 41.0

