

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022322\
 Data File : VW022109.D
 Acq On : 23 Feb 2022 14:48
 Operator : SY/VA
 Sample : VSTD100
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 24 01:27:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Feb 24 01:24:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	187394	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	173542	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	94809	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	238941	97.759	ug/L	0.00
7) Chloroethane-d5	2.873	69	183195	95.259	ug/L	-0.01
11) 1,1-Dichloroethene-d2	4.019	63	362780	96.923	ug/L	0.00
21) 2-Butanone-d5	7.074	46	93939	221.830	ug/L	0.00
24) Chloroform-d	7.647	84	407786	97.532	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	206679	95.098	ug/L	0.00
32) Benzene-d6	8.275	84	813758	100.754	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.275	67	217850	97.126	ug/L	0.00
41) Toluene-d8	10.323	98	822462	102.428	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	109504	110.109	ug/L	0.00
47) 2-Hexanone-d5	10.921	63	87367	236.828	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.689	84	195439	99.285	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	310535	101.976	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.002	85	61810	118.021	ug/L	95
3) Chloromethane	2.215	50	152209	84.814	ug/L	98
5) Vinyl chloride	2.361	62	238129	88.312	ug/L	99
6) Bromomethane	2.757	94	154133	81.846	ug/L	85
8) Chloroethane	2.910	64	135271	89.302	ug/L	100
9) Trichlorofluoromethane	3.257	101	169478	92.575	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	202277	90.563	ug/L	98
12) 1,1-Dichloroethene	4.038	96	180989	93.497	ug/L	94
13) Acetone	4.117	43	64742	196.986	ug/L	97
14) Carbon disulfide	4.379	76	471820	94.012	ug/L	98
15) Methyl Acetate	4.666	43	75381	100.183	ug/L	99
16) Methylene chloride	4.910	84	193445	84.100	ug/L	97
17) trans-1,2-Dichloroethene	5.422	96	201776	94.901	ug/L	97
18) Methyl tert-butyl Ether	5.422	73	296512	102.501	ug/L	98
19) 1,1-Dichloroethane	6.214	63	330512	96.019	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	228970	99.412	ug/L	99
22) 2-Butanone	7.165	43	102890	211.346	ug/L	96
23) Bromochloromethane	7.513	128	110482	98.195	ug/L	99
25) Chloroform	7.677	83	376595	93.767	ug/L	98
27) 1,2-Dichloroethane	8.403	62	236102	95.443	ug/L	99
29) Cyclohexane	7.952	56	287399	99.512	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	339718	97.299	ug/L	97
31) Carbon tetrachloride	8.067	117	328677	99.050	ug/L	100
33) Benzene	8.324	78	787891	93.904	ug/L	100
34) Trichloroethene	9.092	95	225345	93.802	ug/L	93
35) Methylcyclohexane	9.336	83	360986	97.148	ug/L	99
37) 1,2-Dichloropropane	9.366	63	185154	94.591	ug/L	99
38) Bromodichloromethane	9.646	83	281485	100.279	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	325117	109.270	ug/L	95
40) 4-Methyl-2-pentanone	10.207	43	227896	215.593	ug/L	99
42) Toluene	10.384	91	933729	98.326	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	292699	109.471	ug/L	100

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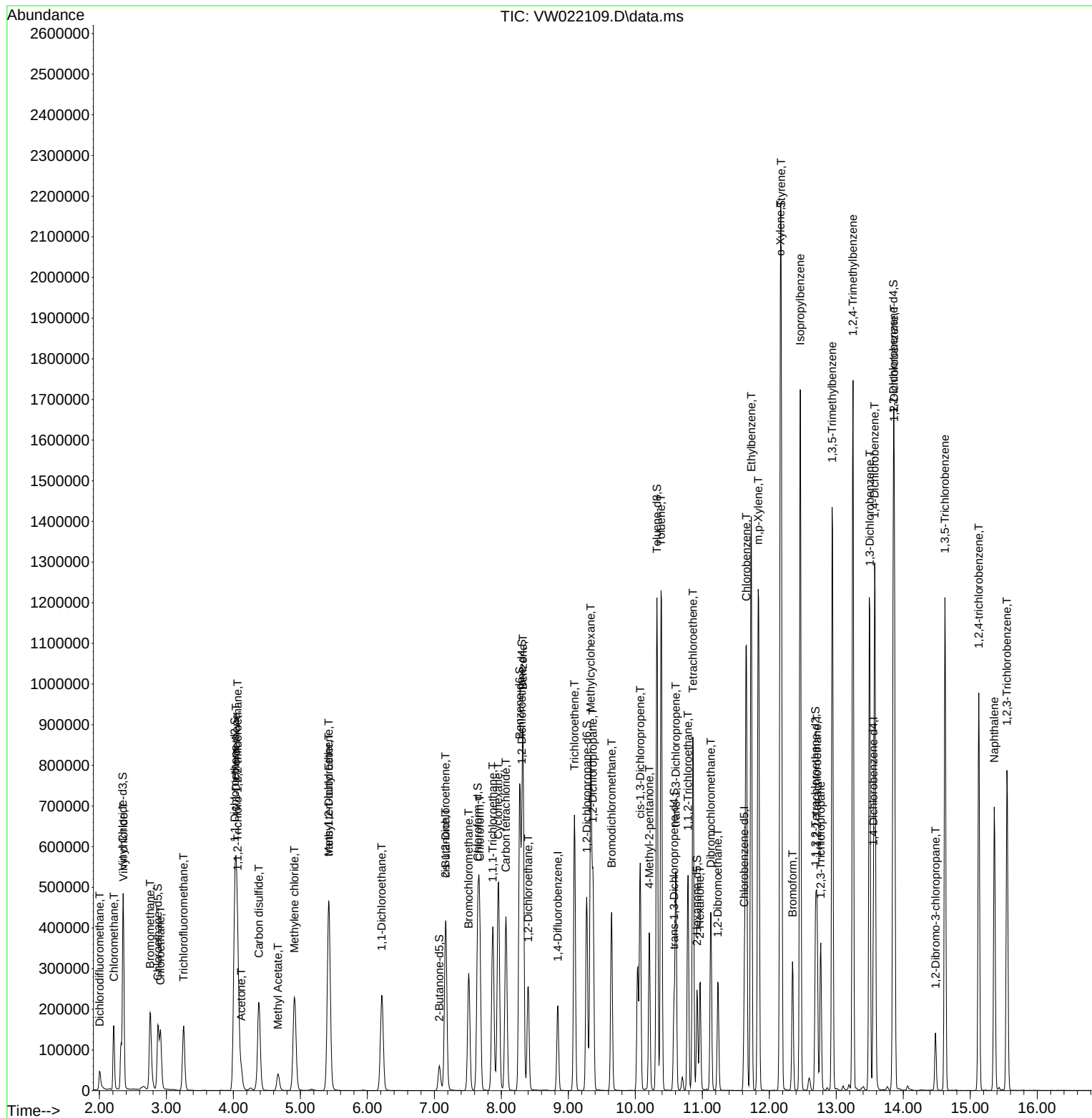
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.787	97	167270	96.369	ug/L	97
46) Tetrachloroethene	10.860	164	197542	93.868	ug/L	84
48) 2-Hexanone	10.963	43	158231	215.672	ug/L	97
49) Dibromochloromethane	11.128	129	226992	107.663	ug/L	98
50) 1,2-Dibromoethane	11.232	107	171883	102.667	ug/L	98
51) Chlorobenzene	11.658	112	646245	97.784	ug/L	99
52) Ethylbenzene	11.731	91	1056064	100.484	ug/L	100
53) m,p-Xylene	11.835	106	438272	101.345	ug/L	98
54) o-Xylene	12.164	106	426396	104.791	ug/L	98
55) Styrene	12.177	104	727704	106.679	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	193179	95.922	ug/L	100
59) Bromoform	12.347	173	145910	116.378	ug/L #	98
60) Isopropylbenzene	12.463	105	1162195	102.116	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	138793	92.753	ug/L	98
62) 1,3,5-Trimethylbenzene	12.939	105	798996	105.575	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	961629	103.971	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	545737	96.663	ug/L	97
65) 1,4-Dichlorobenzene	13.573	146	548270	96.907	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	480309	95.687	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.481	75	32299	102.072	ug/L #	72
69) 1,3,5-Trichlorobenzene	14.621	180	386540	95.388	ug/L	93
70) 1,2,4-trichlorobenzene	15.127	180	317376	103.512	ug/L	97
71) Naphthalene	15.359	128	621335	114.793	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	269982	101.802	ug/L	99

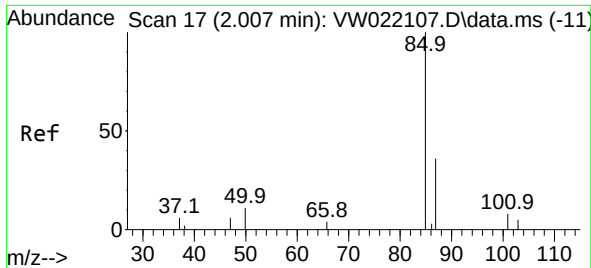
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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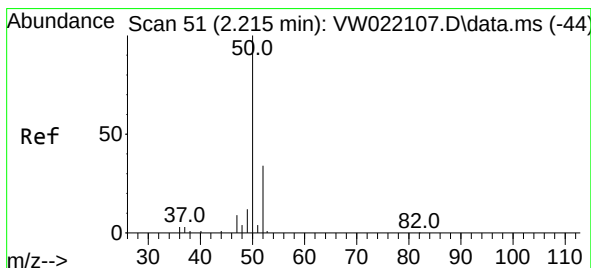
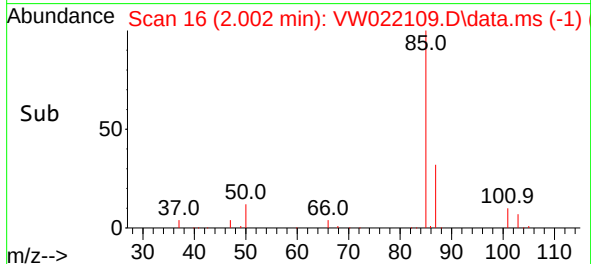
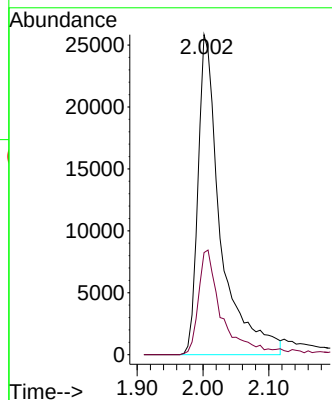
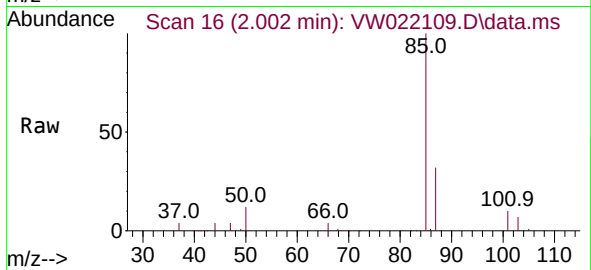




#2
Dichlorodifluoromethane
Concen: 118.021 ug/L
RT: 2.002 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW022109.D
Acq: 23 Feb 2022 14:48

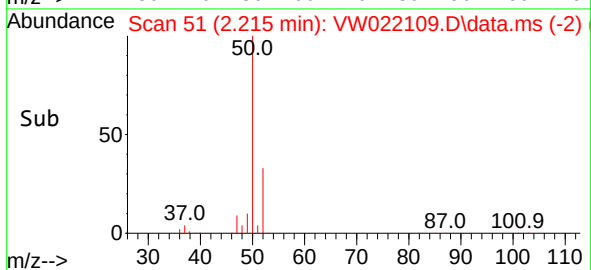
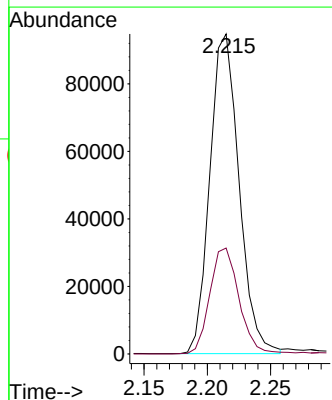
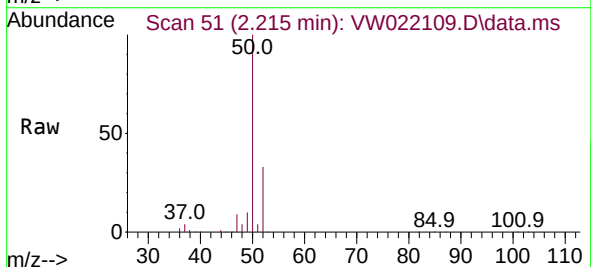
Instrument :
MSVOA_W
ClientSampleId :

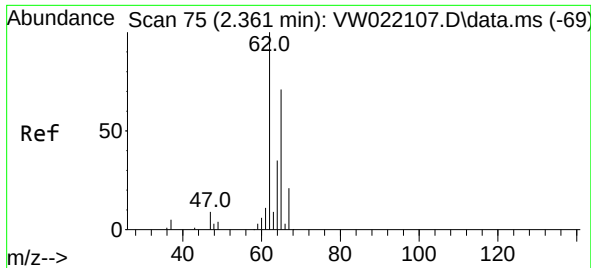
Tgt Ion: 85 Resp: 61810
Ion Ratio Lower Upper
85 100
87 31.9 27.6 41.4



#3
Chloromethane
Concen: 84.814 ug/L
RT: 2.215 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW022109.D
Acq: 23 Feb 2022 14:48

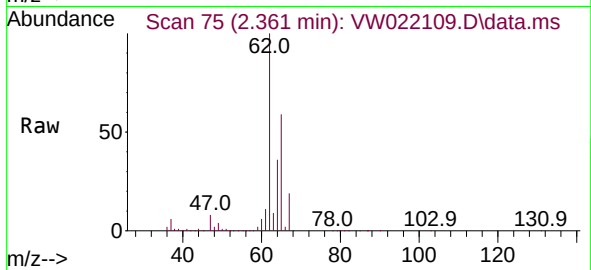
Tgt Ion: 50 Resp: 152209
Ion Ratio Lower Upper
50 100
52 33.1 23.9 44.5



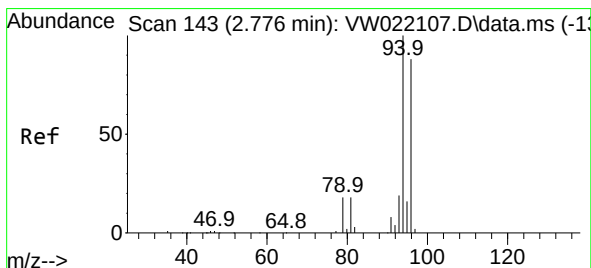
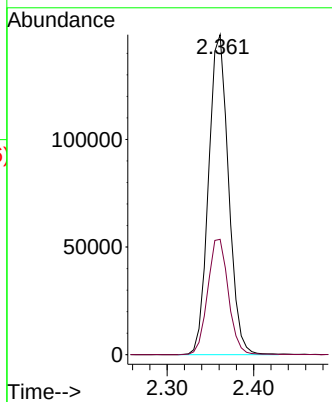
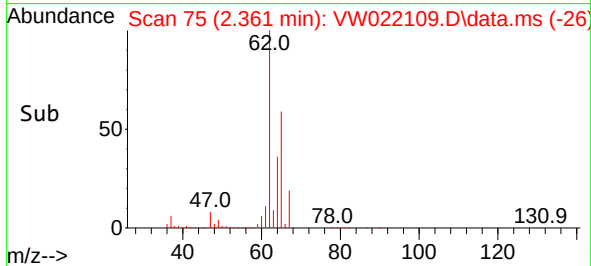


#5
 Vinyl chloride
 Concen: 88.312 ug/L
 RT: 2.361 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VW022109.D
 Acq: 23 Feb 2022 14:48

Instrument :
 MSVOA_W
 ClientSampleId :

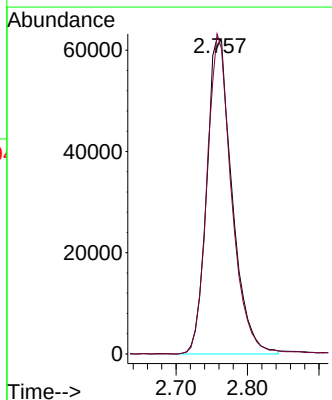
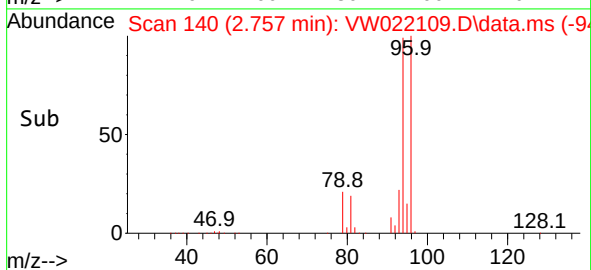
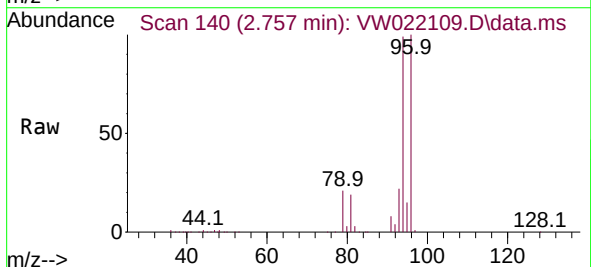


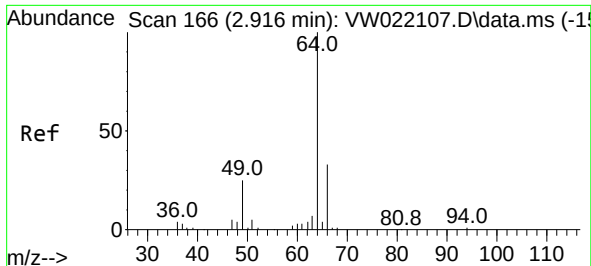
Tgt Ion: 62 Resp: 238129
 Ion Ratio Lower Upper
 62 100
 64 36.0 24.7 45.9



#6
 Bromomethane
 Concen: 81.846 ug/L
 RT: 2.757 min Scan# 140
 Delta R.T. -0.018 min
 Lab File: VW022109.D
 Acq: 23 Feb 2022 14:48

Tgt Ion: 94 Resp: 154133
 Ion Ratio Lower Upper
 94 100
 96 101.3 61.2 113.8

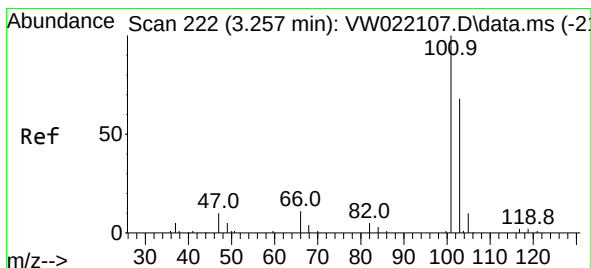
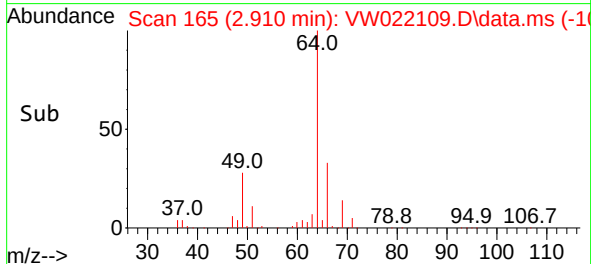
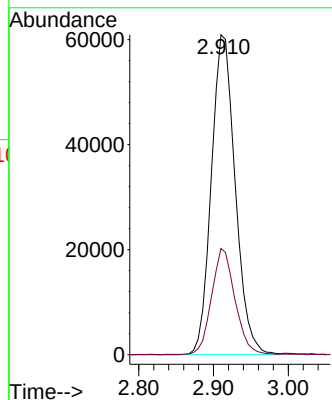
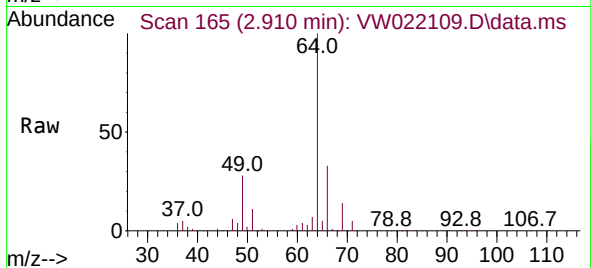




#8
Chloroethane
Concen: 89.302 ug/L
RT: 2.910 min Scan# 165
Delta R.T. -0.006 min
Lab File: VW022109.D
Acq: 23 Feb 2022 14:48

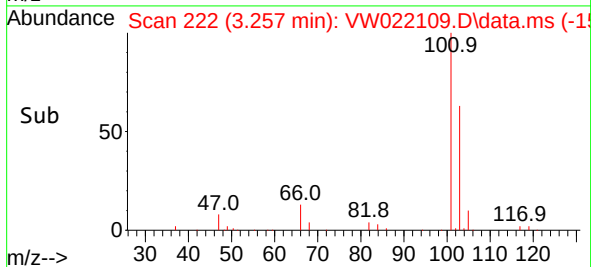
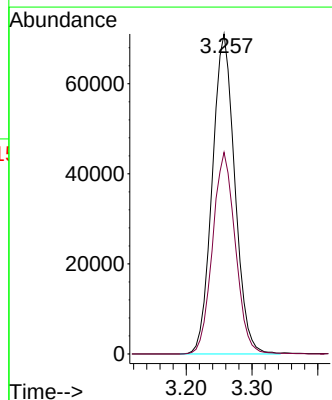
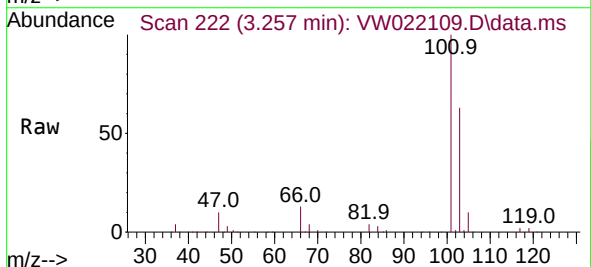
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MSVOA_W
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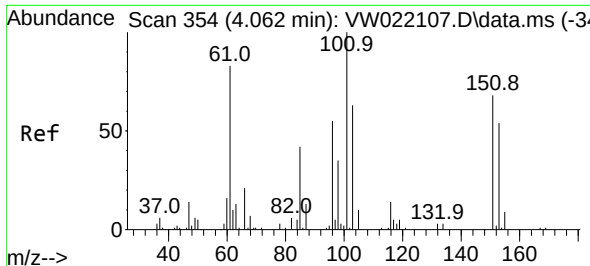
Tgt Ion: 64 Resp: 135271
Ion Ratio Lower Upper
64 100
66 33.2 23.2 43.0



#9
Trichlorofluoromethane
Concen: 92.575 ug/L
RT: 3.257 min Scan# 222
Delta R.T. 0.000 min
Lab File: VW022109.D
Acq: 23 Feb 2022 14:48

Tgt Ion:101 Resp: 169478
Ion Ratio Lower Upper
101 100
103 63.7 53.2 79.8

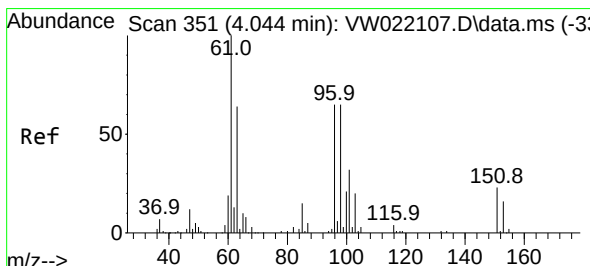
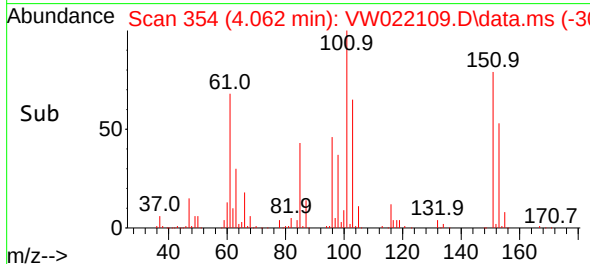
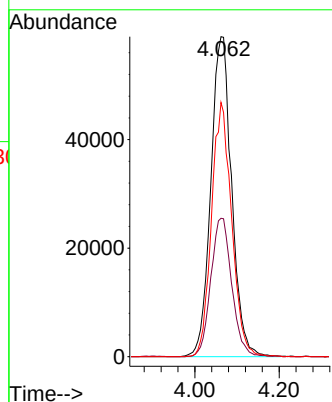
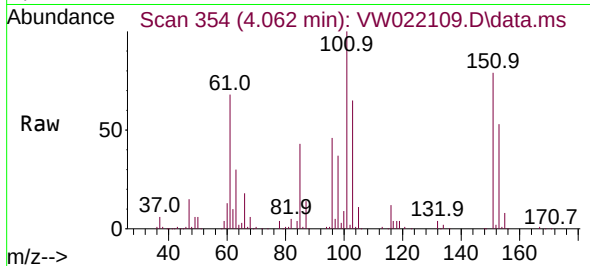




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 90.563 ug/L
 RT: 4.062 min Scan# 310
 Delta R.T. 0.000 min
 Lab File: VW022109.D
 Acq: 23 Feb 2022 14:48

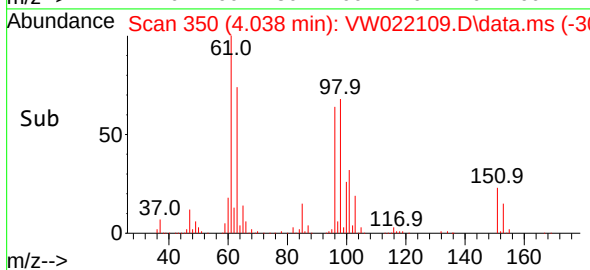
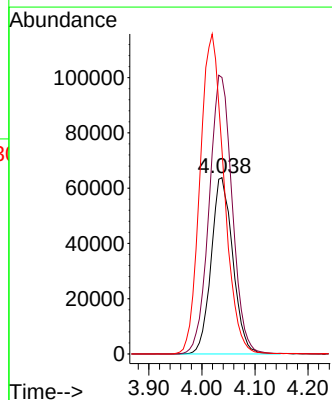
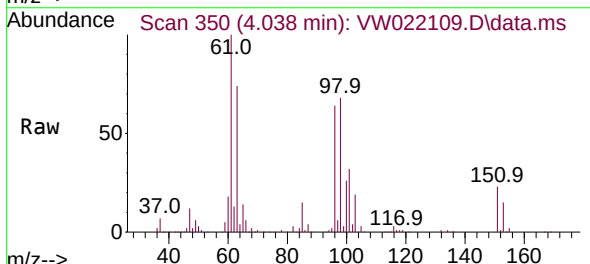
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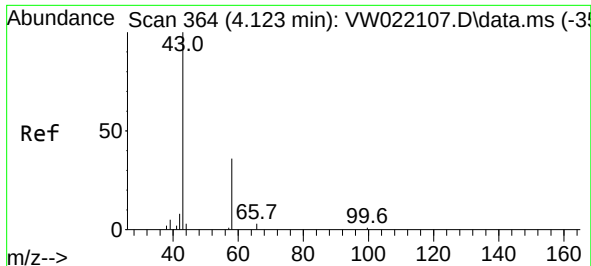
Tgt Ion:101 Resp: 202277
 Ion Ratio Lower Upper
 101 100
 85 43.3 34.4 51.6
 151 76.6 59.0 88.4



#12
 1,1-Dichloroethene
 Concen: 93.497 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. -0.006 min
 Lab File: VW022109.D
 Acq: 23 Feb 2022 14:48

Tgt Ion: 96 Resp: 180989
 Ion Ratio Lower Upper
 96 100
 61 156.9 108.4 201.2
 63 115.7 72.0 133.6

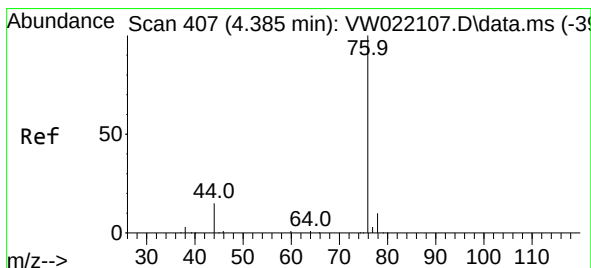
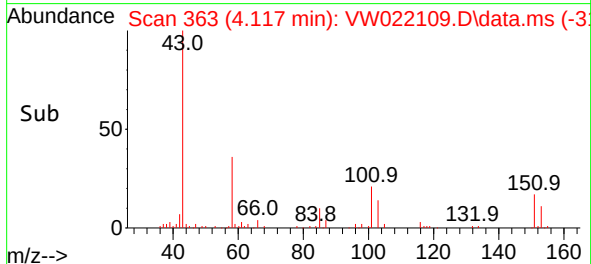
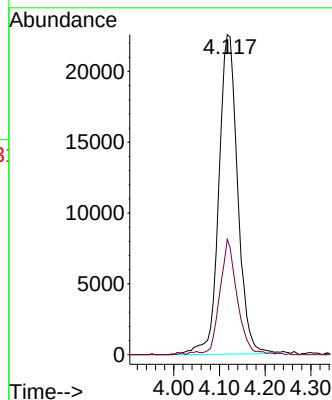
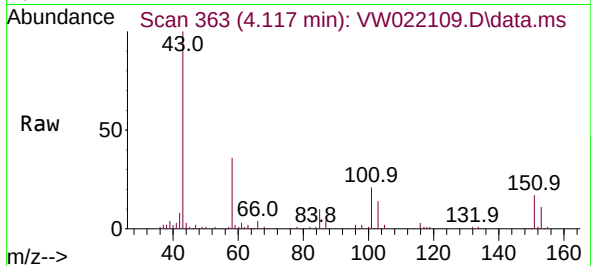




#13
Acetone
Concen: 196.986 ug/L
RT: 4.117 min Scan# 30
Delta R.T. -0.006 min
Lab File: VW022109.D
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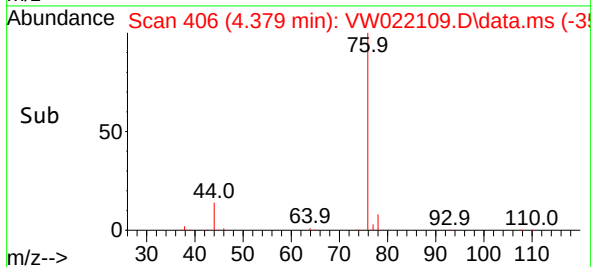
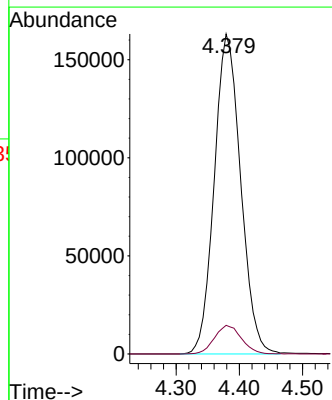
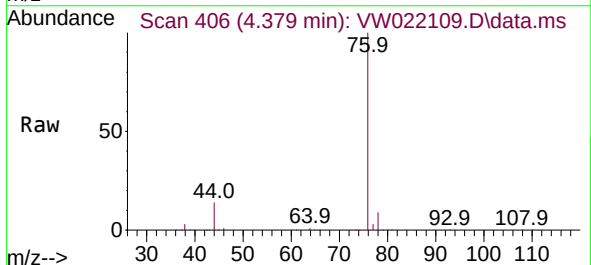
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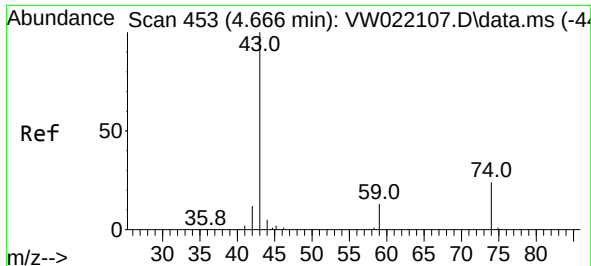
Tgt Ion: 43 Resp: 64742
Ion Ratio Lower Upper
43 100
58 32.9 0.0 69.2



#14
Carbon disulfide
Concen: 94.012 ug/L
RT: 4.379 min Scan# 406
Delta R.T. -0.006 min
Lab File: VW022109.D
Acq: 23 Feb 2022 14:48

Tgt Ion: 76 Resp: 471820
Ion Ratio Lower Upper
76 100
78 8.9 7.8 11.8

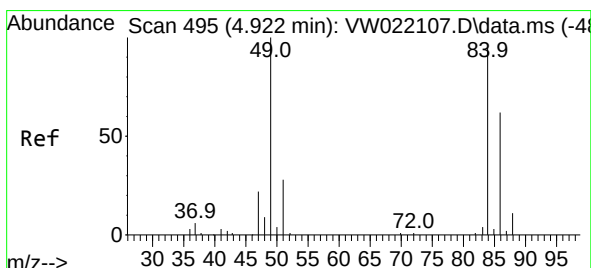
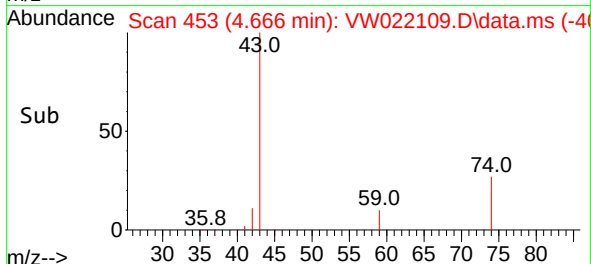
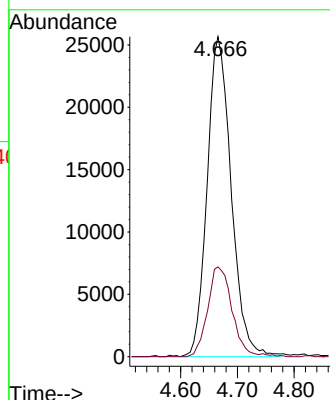
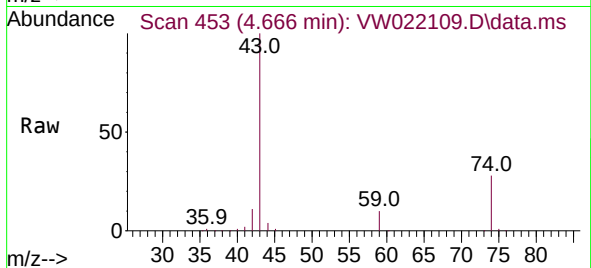




#15
Methyl Acetate
Concen: 100.183 ug/L
RT: 4.666 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW022109.D
Acq: 23 Feb 2022 14:48

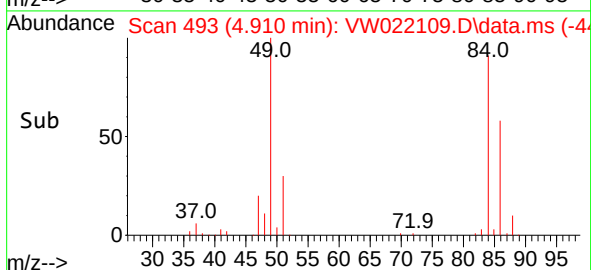
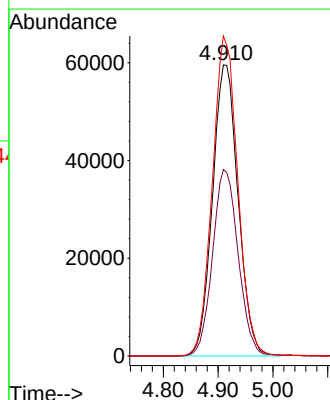
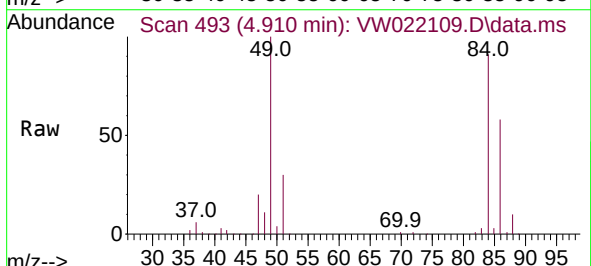
Instrument :
MSVOA_W
ClientSampleId :

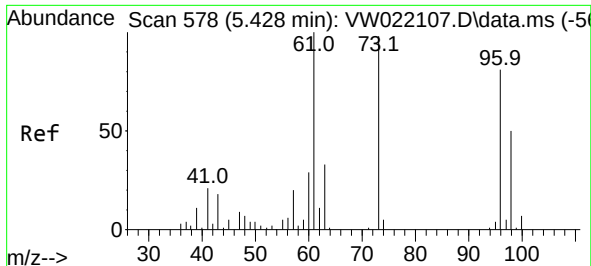
Tgt Ion: 43 Resp: 75381
Ion Ratio Lower Upper
43 100
74 28.2 23.0 34.6



#16
Methylene chloride
Concen: 84.100 ug/L
RT: 4.910 min Scan# 493
Delta R.T. -0.012 min
Lab File: VW022109.D
Acq: 23 Feb 2022 14:48

Tgt Ion: 84 Resp: 193445
Ion Ratio Lower Upper
84 100
86 64.0 45.8 85.0
49 109.9 73.8 137.0

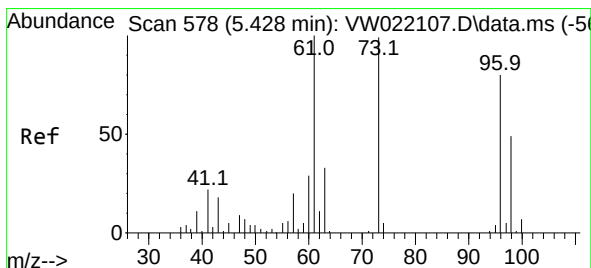
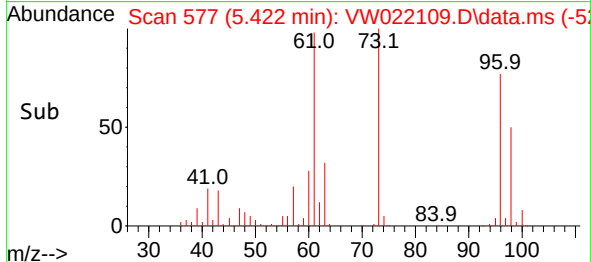
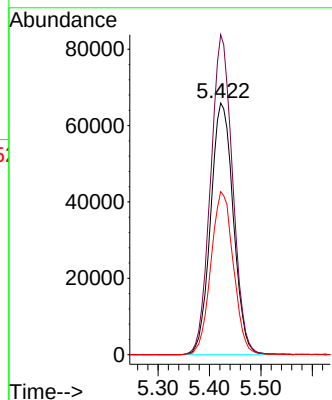
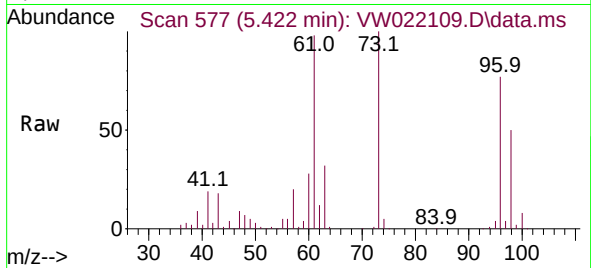




#17
trans-1,2-Dichloroethene
Concen: 94.901 ug/L
RT: 5.422 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW022109.D
Acq: 23 Feb 2022 14:48

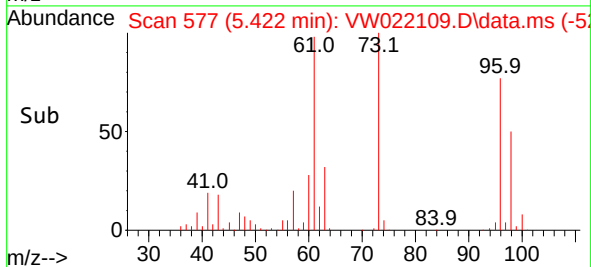
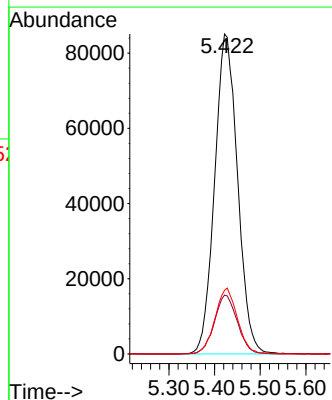
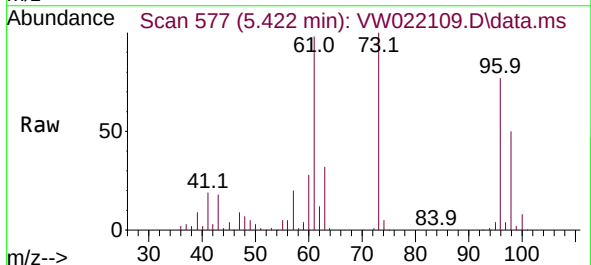
Instrument :
MSVOA_W
ClientSampleId :

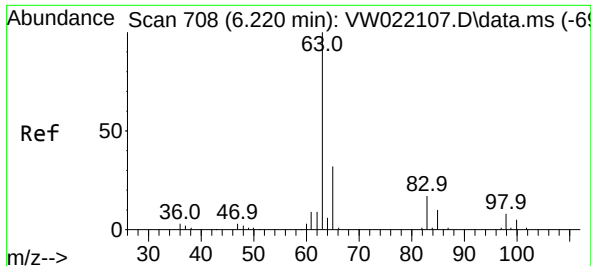
Tgt Ion: 96 Resp: 201776
Ion Ratio Lower Upper
96 100
61 127.1 87.3 162.1
98 64.8 43.2 80.2



#18
Methyl tert-butyl Ether
Concen: 102.501 ug/L
RT: 5.422 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW022109.D
Acq: 23 Feb 2022 14:48

Tgt Ion: 73 Resp: 296512
Ion Ratio Lower Upper
73 100
43 18.2 15.4 23.2
57 20.1 16.5 24.7

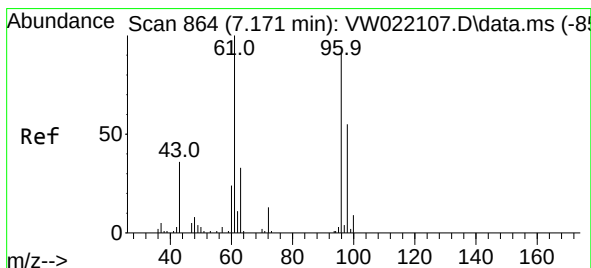
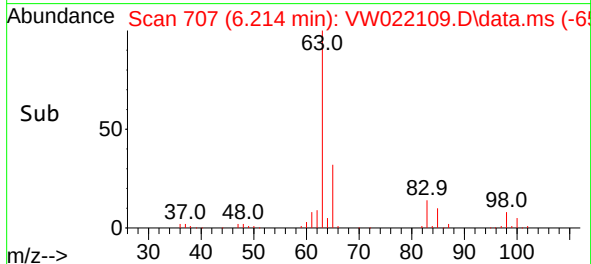
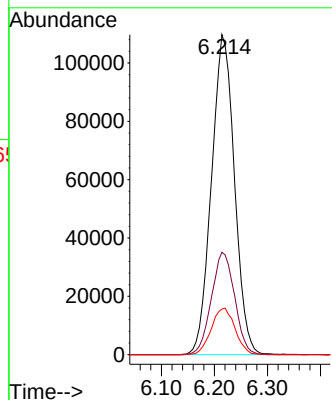
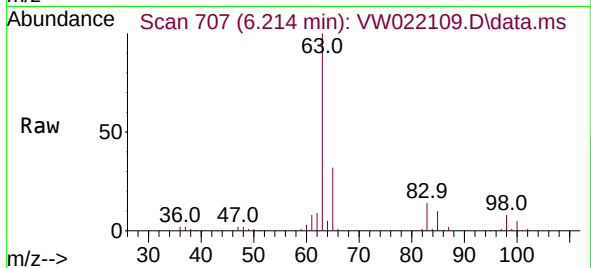




#19
1,1-Dichloroethane
Concen: 96.019 ug/L
RT: 6.214 min Scan# 708
Delta R.T. -0.006 min
Lab File: VW022109.D
Acq: 23 Feb 2022 14:48

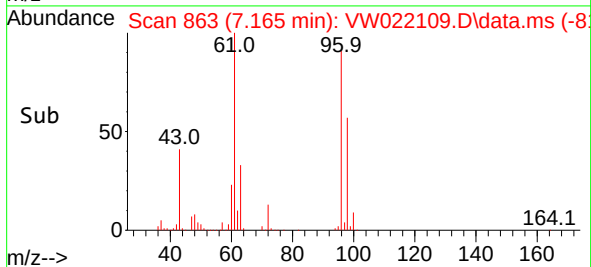
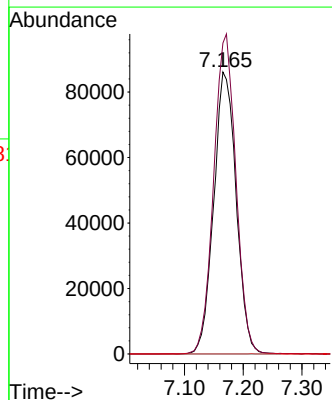
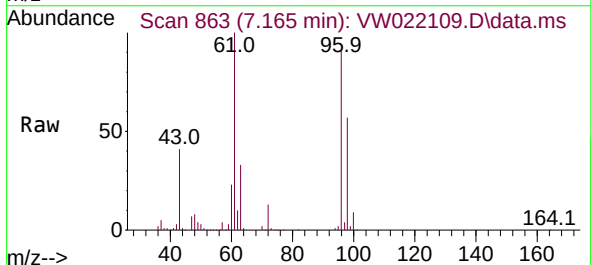
Instrument :
MSVOA_W
ClientSampleId :

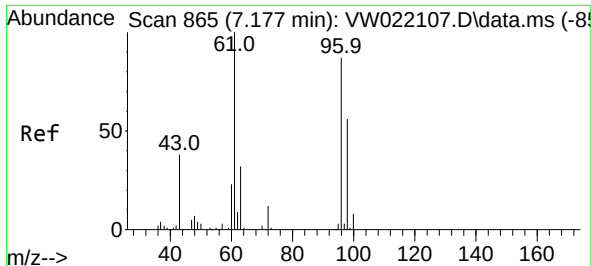
Tgt Ion: 63 Resp: 330512
Ion Ratio Lower Upper
63 100
65 32.0 22.5 41.9
83 14.3 11.5 21.5



#20
cis-1,2-Dichloroethene
Concen: 99.412 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.006 min
Lab File: VW022109.D
Acq: 23 Feb 2022 14:48

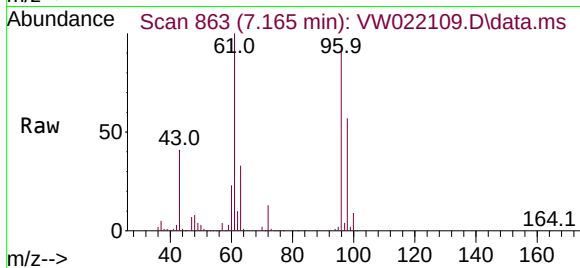
Tgt Ion: 96 Resp: 228970
Ion Ratio Lower Upper
96 100
61 110.3 76.8 142.6
68 0.0 0.0 0.0



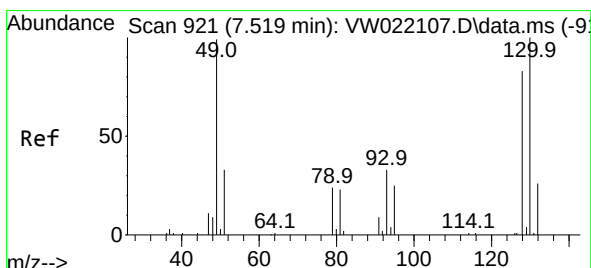
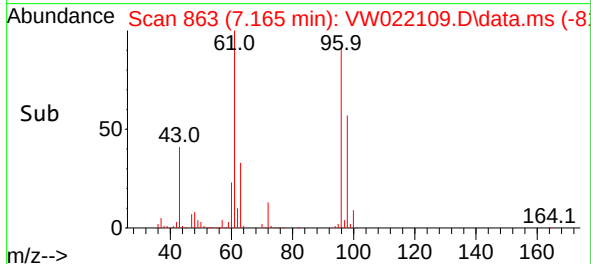
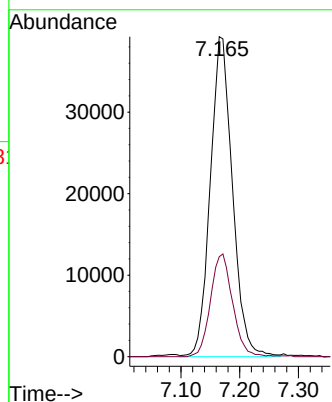


#22
2-Butanone
Concen: 211.346 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.012 min
Lab File: VW022109.D
Acq: 23 Feb 2022 14:48

Instrument :
MSVOA_W
ClientSampleId :

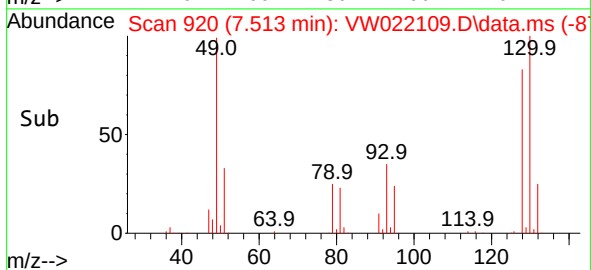
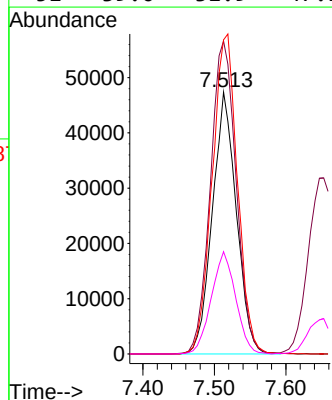
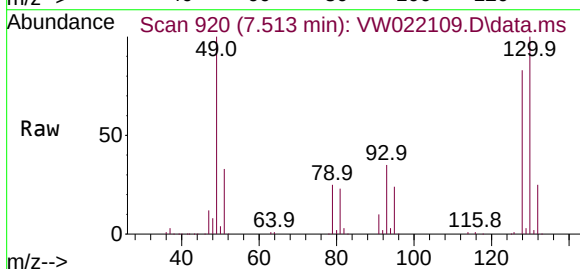


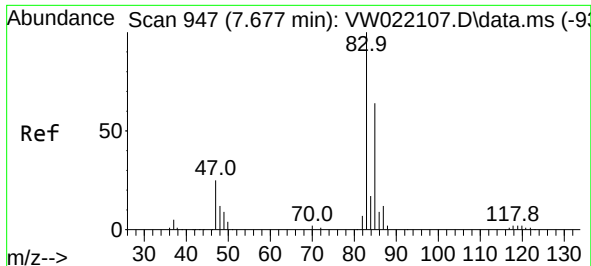
Tgt Ion: 43 Resp: 102890
Ion Ratio Lower Upper
43 100
72 31.8 17.0 51.0



#23
Bromochloromethane
Concen: 98.195 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.006 min
Lab File: VW022109.D
Acq: 23 Feb 2022 14:48

Tgt Ion: 128 Resp: 110482
Ion Ratio Lower Upper
128 100
49 119.5 84.2 156.4
130 119.9 84.8 157.4
51 39.0 31.9 47.9

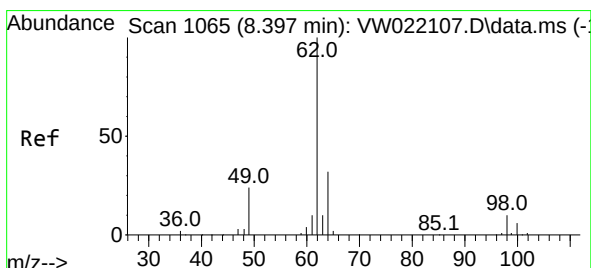
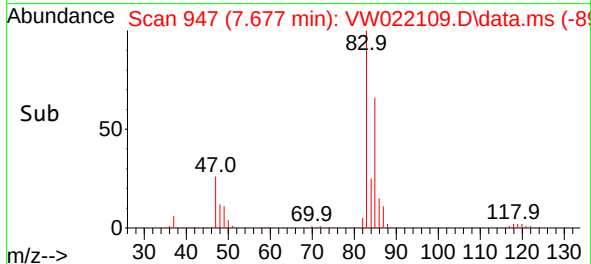
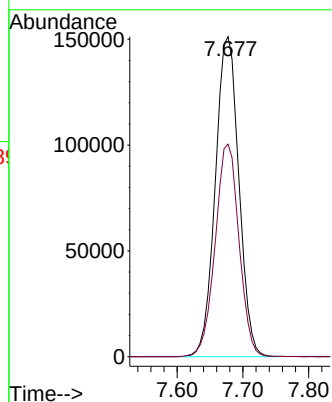
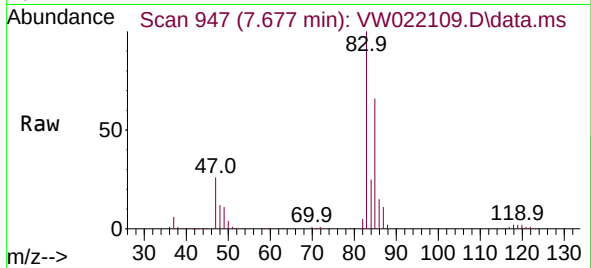




#25
Chloroform
Concen: 93.767 ug/L
RT: 7.677 min Scan# 94
Delta R.T. 0.000 min
Lab File: VW022109.D
Acq: 23 Feb 2022 14:48

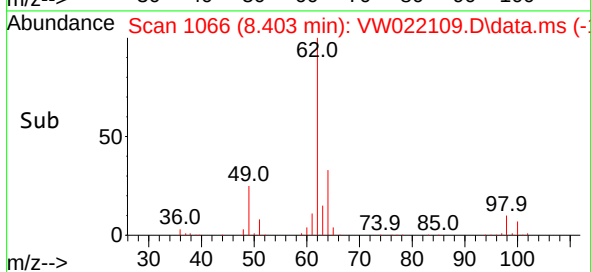
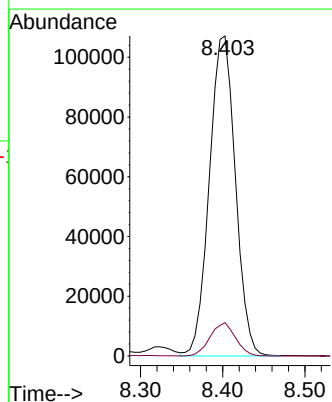
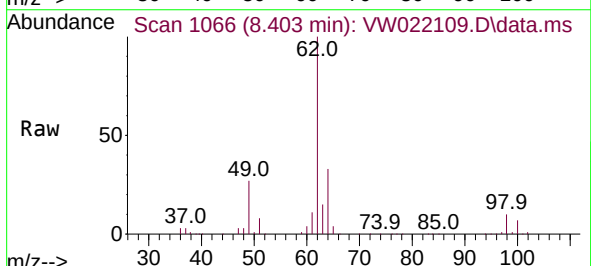
Instrument :
MSVOA_W
ClientSampleId :

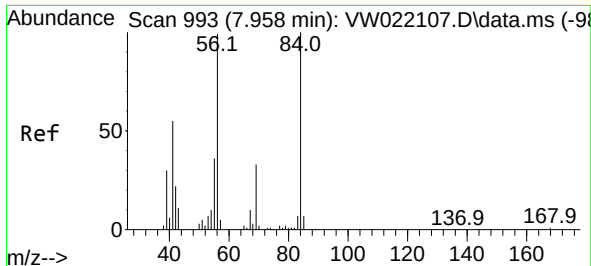
Tgt Ion: 83 Resp: 376595
Ion Ratio Lower Upper
83 100
85 66.4 45.1 83.9



#27
1,2-Dichloroethane
Concen: 95.443 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW022109.D
Acq: 23 Feb 2022 14:48

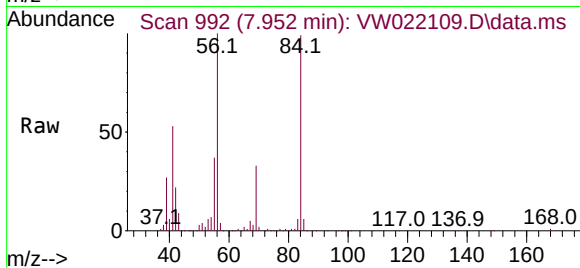
Tgt Ion: 62 Resp: 236102
Ion Ratio Lower Upper
62 100
98 10.4 7.9 11.9





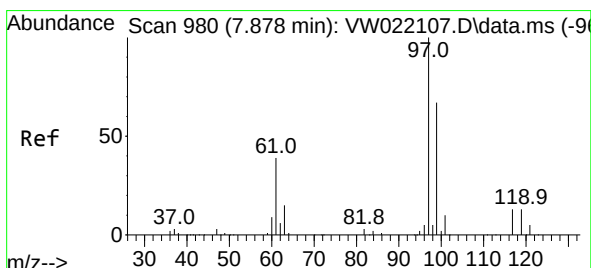
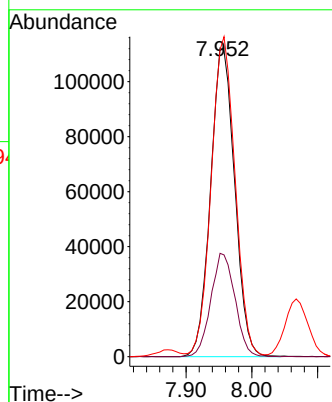
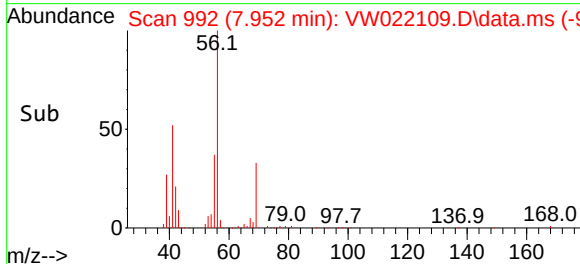
#29
Cyclohexane
Concen: 99.512 ug/L
RT: 7.952 min Scan# 992
Delta R.T. -0.006 min
Lab File: VW022109.D
Acq: 23 Feb 2022 14:48

Instrument :
MSVOA_W
ClientSampleId :

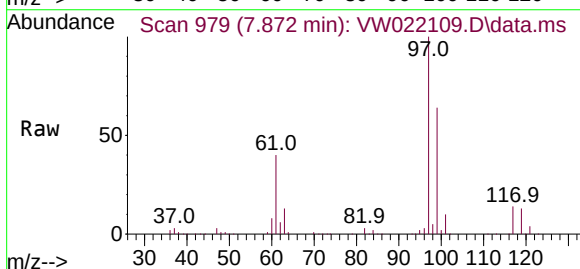


Tgt Ion: 56 Resp: 287399

Ion	Ratio	Lower	Upper
56	100		
69	33.3	26.3	39.5
84	102.5	81.4	122.2

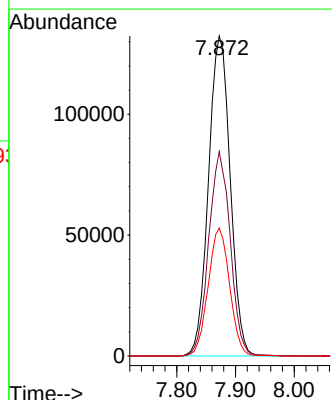
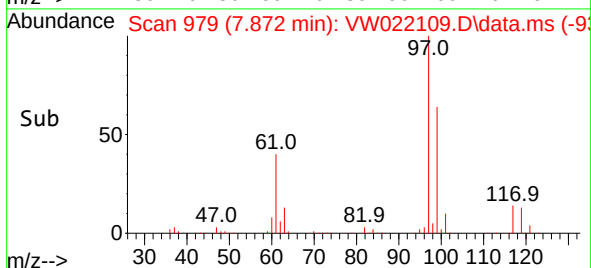


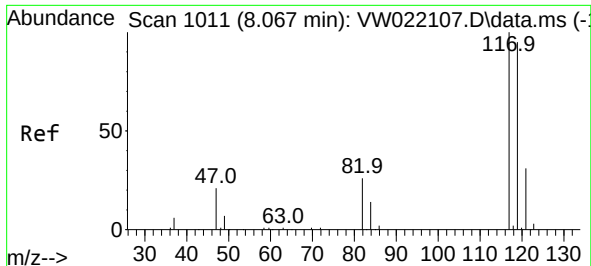
#30
1,1,1-Trichloroethane
Concen: 97.299 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.006 min
Lab File: VW022109.D
Acq: 23 Feb 2022 14:48



Tgt Ion: 97 Resp: 339718

Ion	Ratio	Lower	Upper
97	100		
99	63.5	52.6	78.8
61	39.5	33.0	49.6

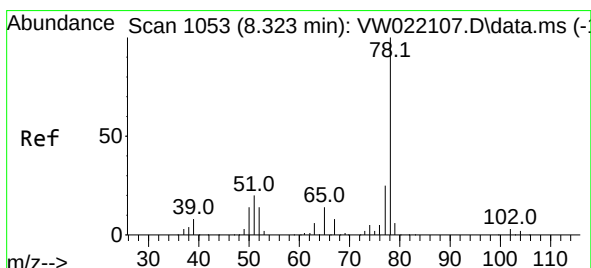
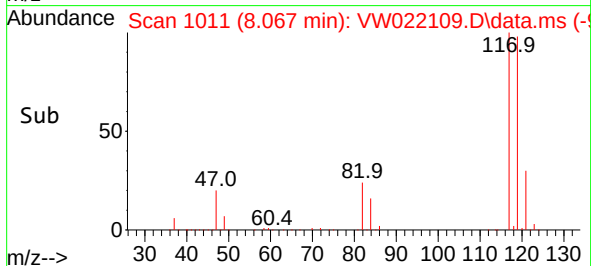
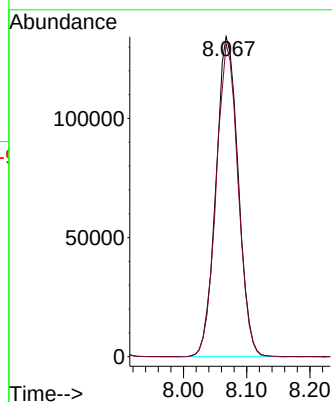
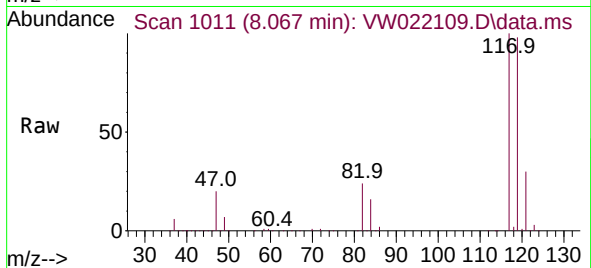




#31
Carbon tetrachloride
Concen: 99.050 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW022109.D
Acq: 23 Feb 2022 14:48

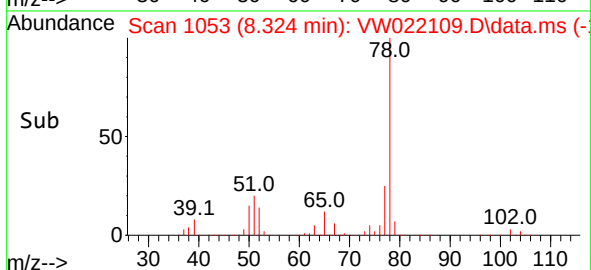
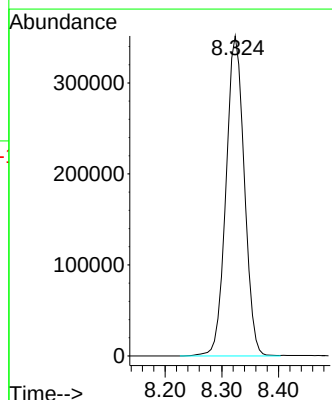
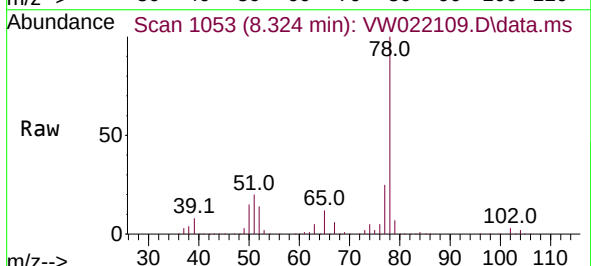
Instrument :
MSVOA_W
ClientSampleId :

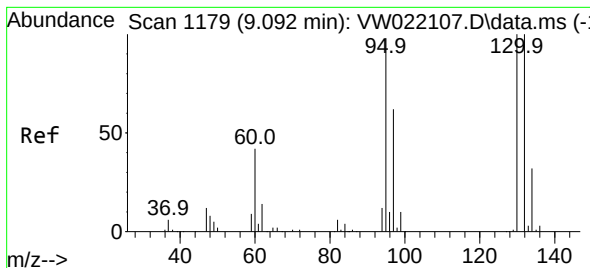
Tgt Ion:117 Resp: 328677
Ion Ratio Lower Upper
117 100
119 96.2 76.7 115.1



#33
Benzene
Concen: 93.904 ug/L
RT: 8.324 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW022109.D
Acq: 23 Feb 2022 14:48

Tgt Ion: 78 Resp: 787891





#34

Trichloroethene

Concen: 93.802 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW022109.D

Acq: 23 Feb 2022 14:48

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 225345

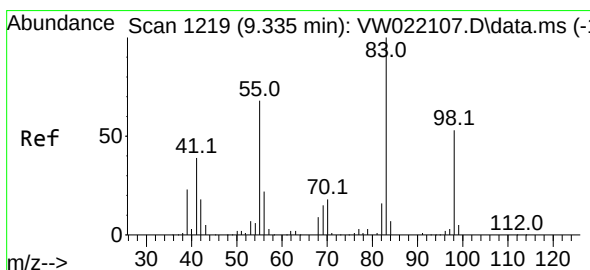
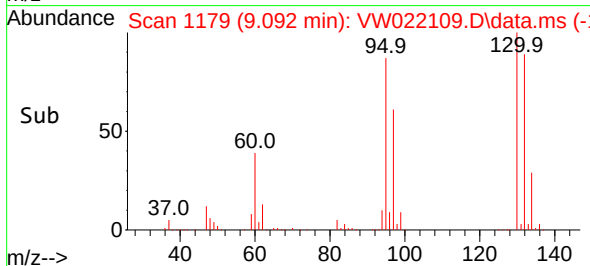
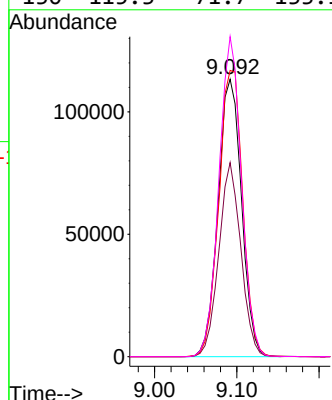
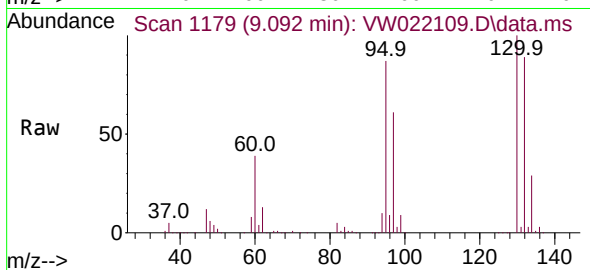
Ion Ratio Lower Upper

95 100

97 70.0 44.4 82.4

132 103.1 71.7 133.1

130 115.3 71.7 133.1



#35

Methylcyclohexane

Concen: 97.148 ug/L

RT: 9.336 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW022109.D

Acq: 23 Feb 2022 14:48

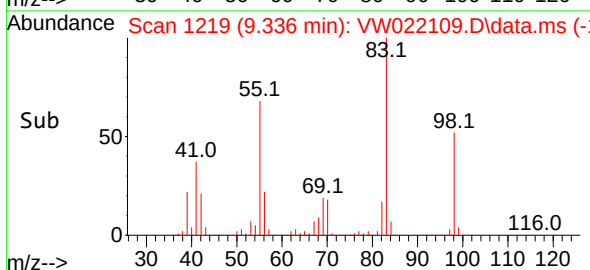
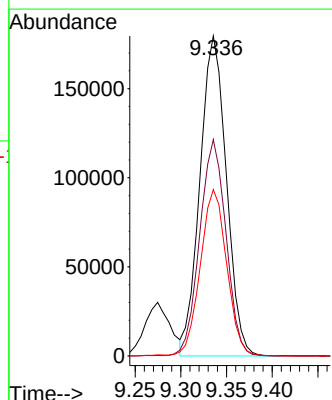
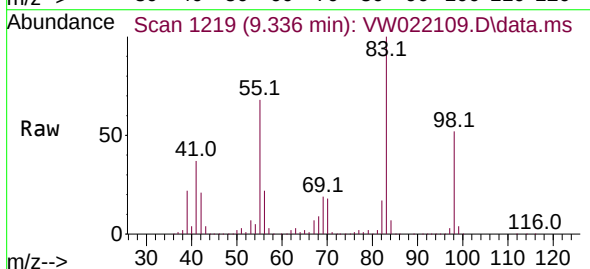
Tgt Ion: 83 Resp: 360986

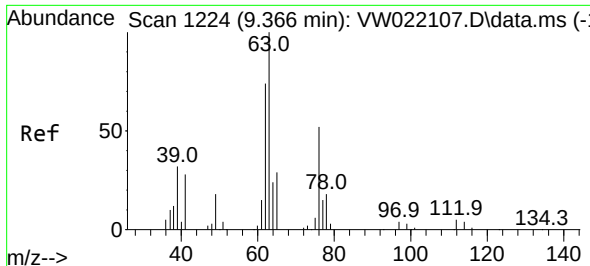
Ion Ratio Lower Upper

83 100

55 67.2 53.8 80.8

98 51.8 42.1 63.1





#37

1,2-Dichloropropane

Concen: 94.591 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW022109.D

Acq: 23 Feb 2022 14:48

Instrument :

MSVOA_W

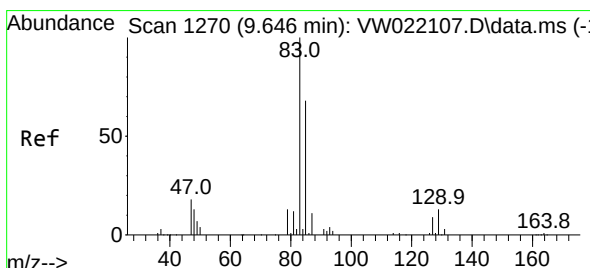
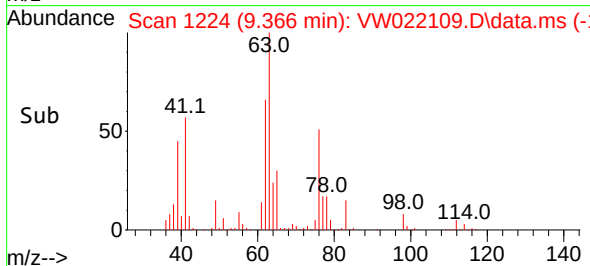
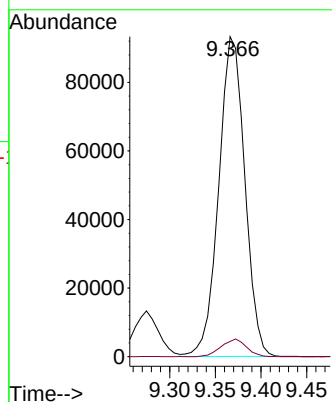
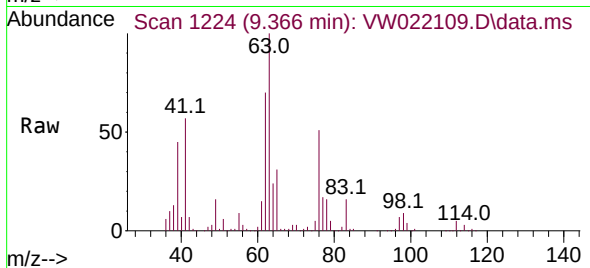
ClientSampleId :

Tgt Ion: 63 Resp: 185154

Ion Ratio Lower Upper

63 100

112 5.3 4.1 6.1



#38

Bromodichloromethane

Concen: 100.279 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW022109.D

Acq: 23 Feb 2022 14:48

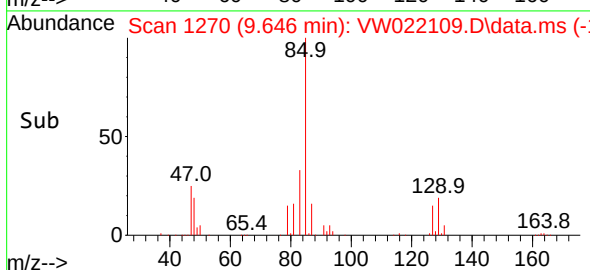
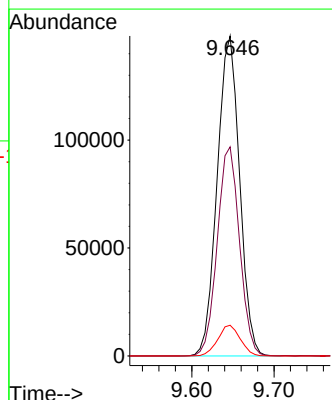
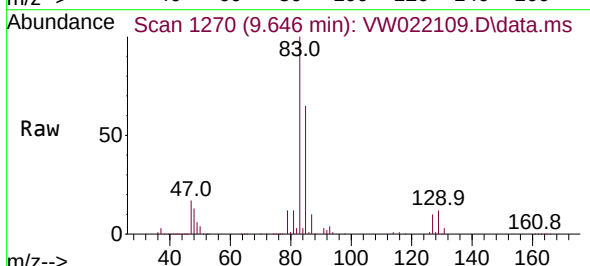
Tgt Ion: 83 Resp: 281485

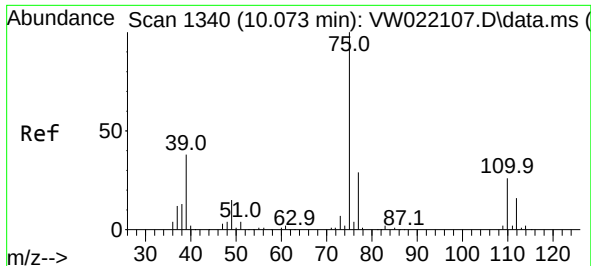
Ion Ratio Lower Upper

83 100

85 65.4 47.9 89.1

127 9.6 7.5 11.3





#39

cis-1,3-Dichloropropene

Concen: 109.270 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW022109.D

Acq: 23 Feb 2022 14:48

Instrument :

MSVOA_W

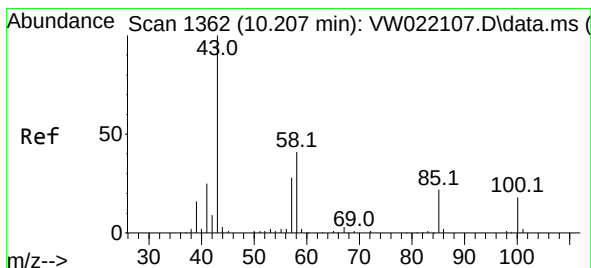
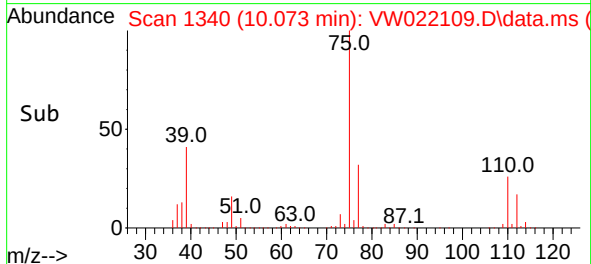
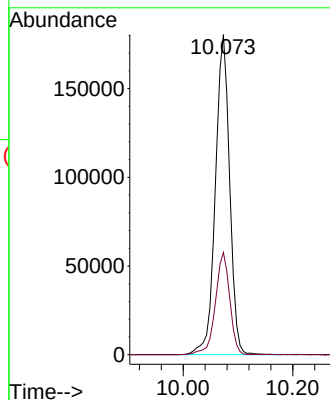
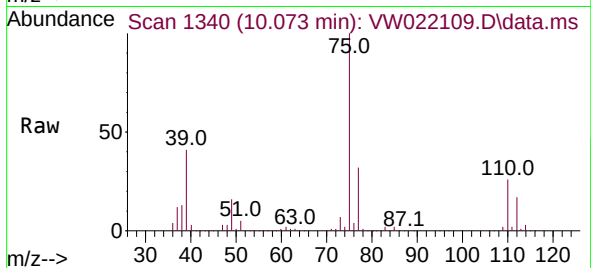
ClientSampleId :

Tgt Ion: 75 Resp: 325117

Ion Ratio Lower Upper

75 100

77 31.9 20.6 38.2



#40

4-Methyl-2-pentanone

Concen: 215.593 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW022109.D

Acq: 23 Feb 2022 14:48

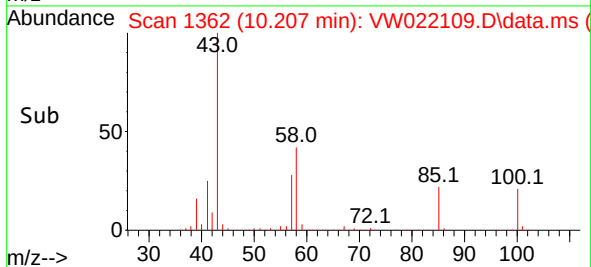
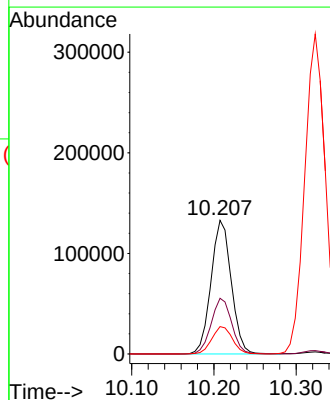
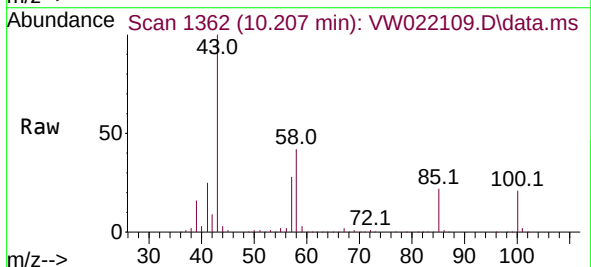
Tgt Ion: 43 Resp: 227896

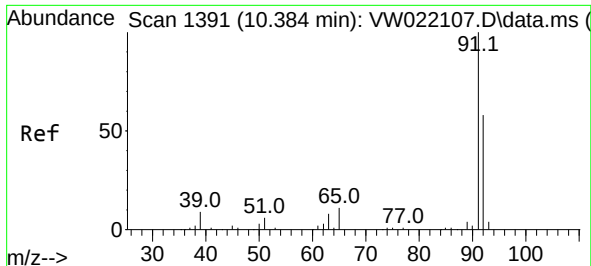
Ion Ratio Lower Upper

43 100

58 42.1 33.2 49.8

100 20.8 16.1 24.1





#42

Toluene

Concen: 98.326 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. 0.000 min

Lab File: VW022109.D

Acq: 23 Feb 2022 14:48

Instrument :

MSVOA_W

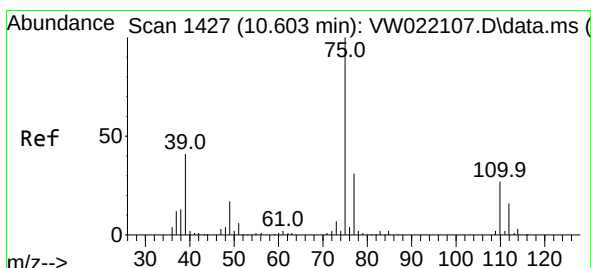
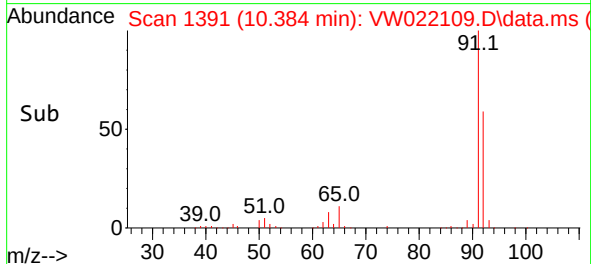
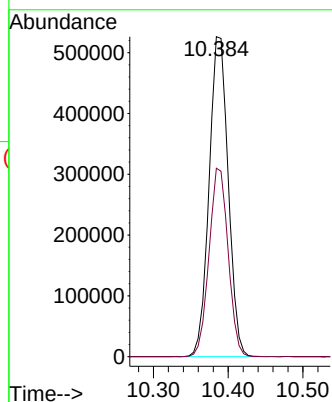
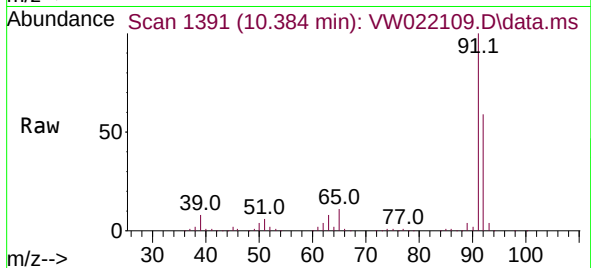
ClientSampleId :

Tgt Ion: 91 Resp: 933729

Ion Ratio Lower Upper

91 100

92 58.9 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 109.471 ug/L

RT: 10.604 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW022109.D

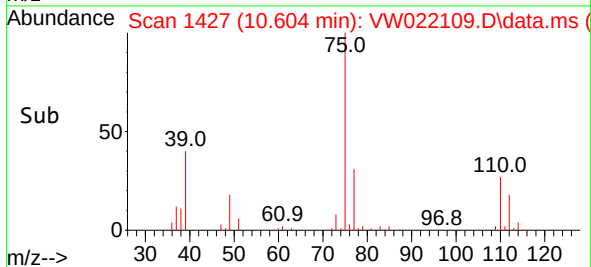
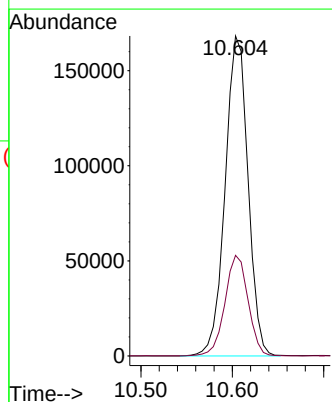
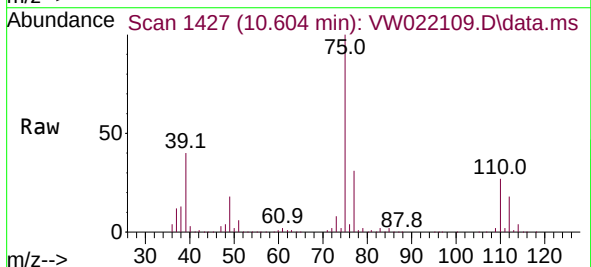
Acq: 23 Feb 2022 14:48

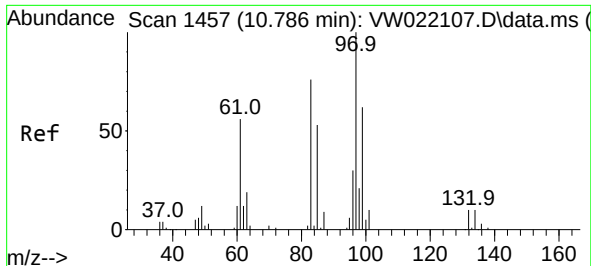
Tgt Ion: 75 Resp: 292699

Ion Ratio Lower Upper

75 100

77 31.4 22.0 40.8



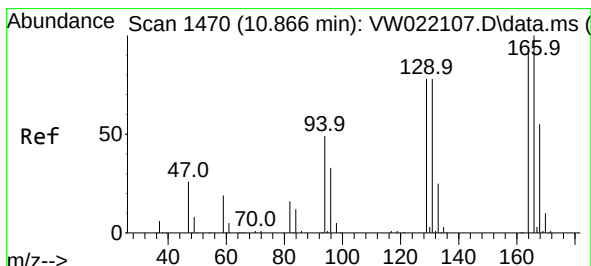
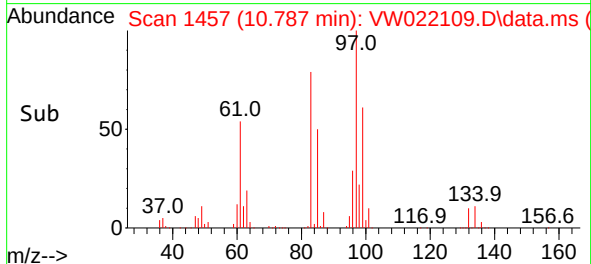
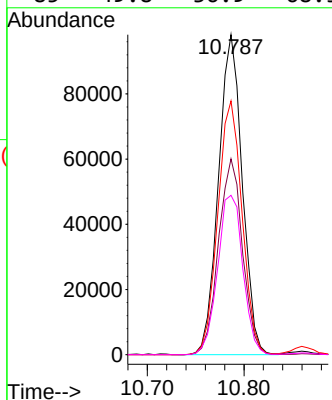
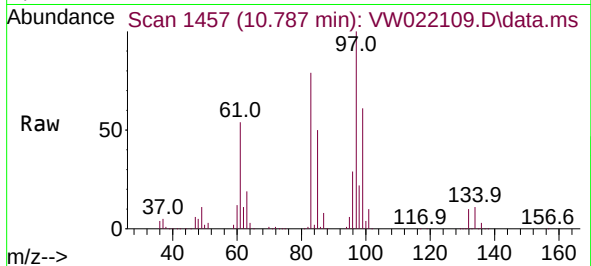


#45
1,1,2-Trichloroethane
Concen: 96.369 ug/L
RT: 10.787 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW022109.D
Acq: 23 Feb 2022 14:48

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 97 Resp: 167270

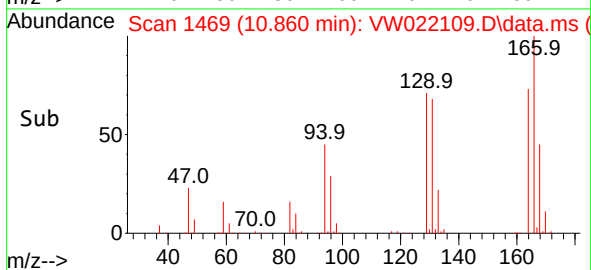
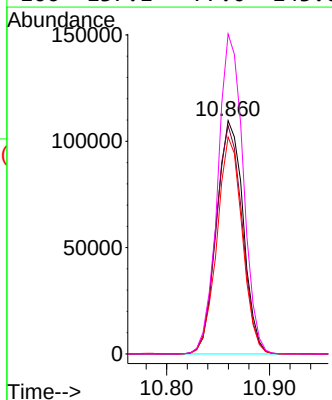
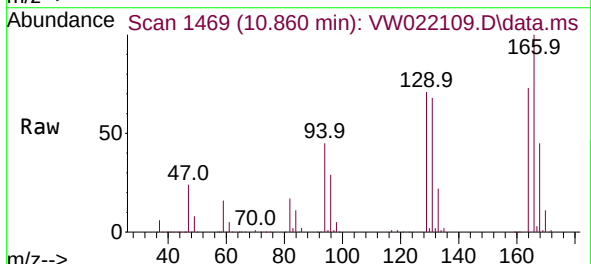
Ion	Ratio	Lower	Upper
97	100		
99	61.2	43.5	80.7
83	79.3	53.5	99.3
85	49.8	36.9	68.5

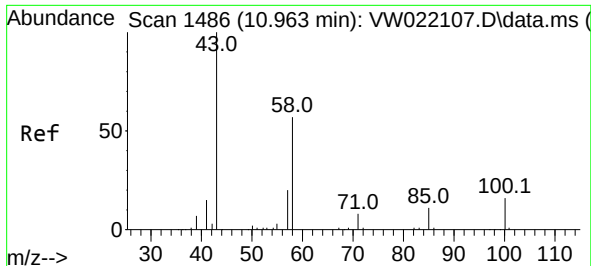


#46
Tetrachloroethene
Concen: 93.868 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW022109.D
Acq: 23 Feb 2022 14:48

Tgt Ion:164 Resp: 197542

Ion	Ratio	Lower	Upper
164	100		
129	97.8	60.3	111.9
131	93.0	59.9	111.3
166	137.1	77.0	143.0

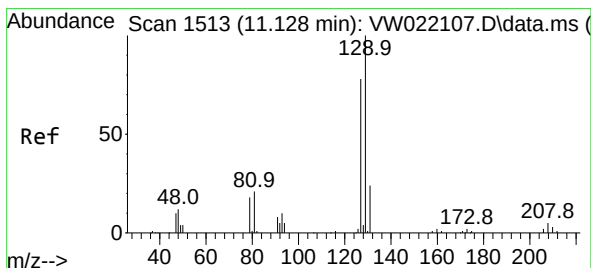
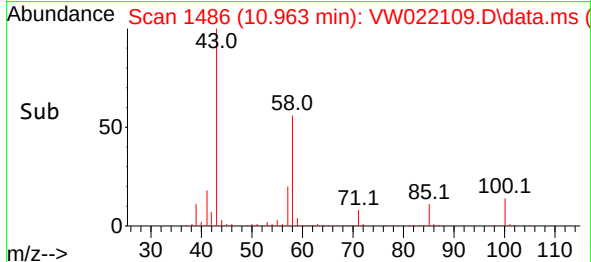
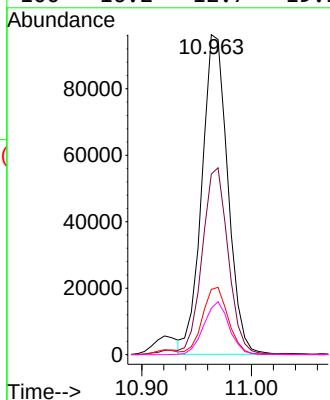
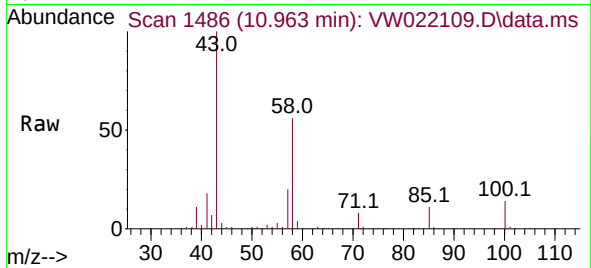




#48
2-Hexanone
Concen: 215.672 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VW022109.D
Acq: 23 Feb 2022 14:48

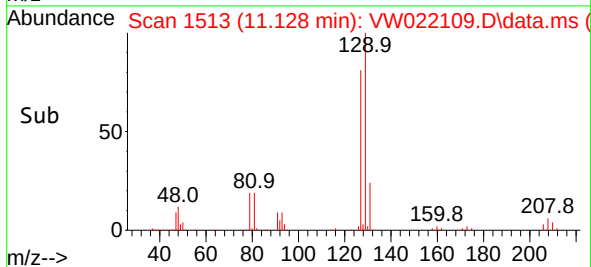
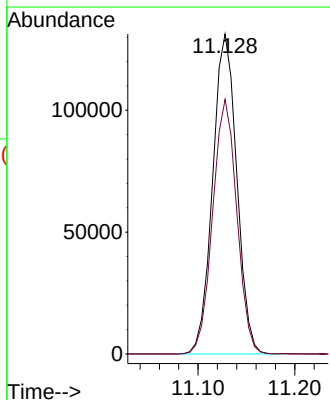
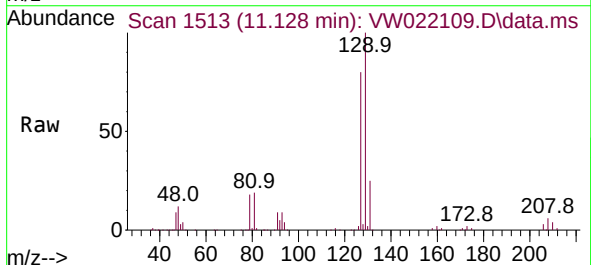
Instrument :
MSVOA_W
ClientSampleId :

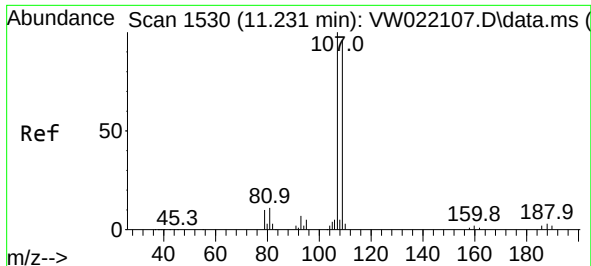
Tgt Ion: 43 Resp: 158231
Ion Ratio Lower Upper
43 100
58 58.5 44.6 66.8
57 21.2 15.8 23.8
100 16.2 12.7 19.1



#49
Dibromochloromethane
Concen: 107.663 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW022109.D
Acq: 23 Feb 2022 14:48

Tgt Ion:129 Resp: 226992
Ion Ratio Lower Upper
129 100
127 79.5 54.5 101.1





#50

1,2-Dibromoethane

Concen: 102.667 ug/L

RT: 11.232 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW022109.D

Acq: 23 Feb 2022 14:48

Instrument :

MSVOA_W

ClientSampleId :

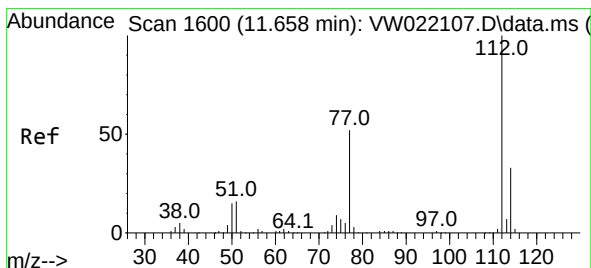
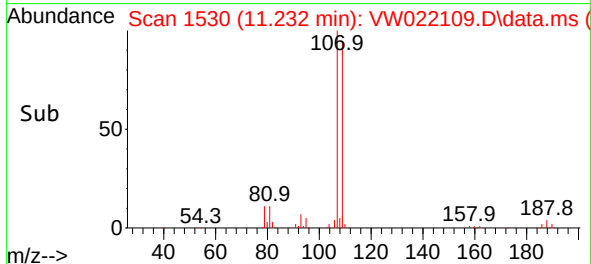
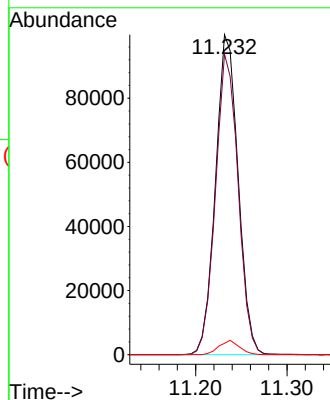
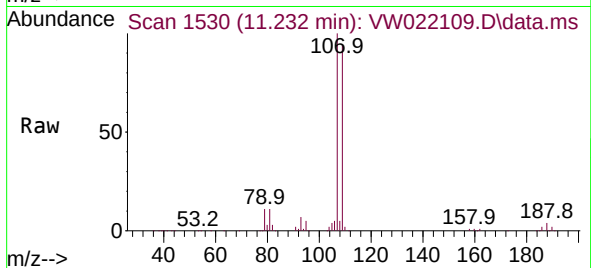
Tgt Ion:107 Resp: 171883

Ion Ratio Lower Upper

107 100

109 93.9 66.8 124.2

188 3.7 2.6 4.0



#51

Chlorobenzene

Concen: 97.784 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VW022109.D

Acq: 23 Feb 2022 14:48

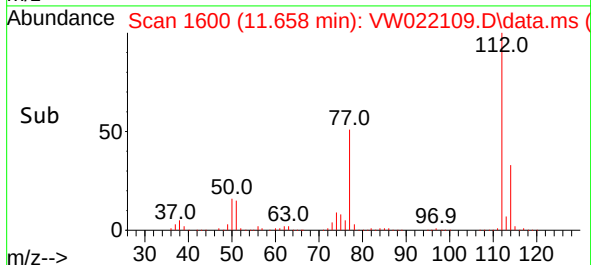
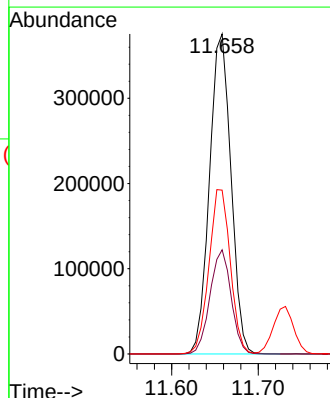
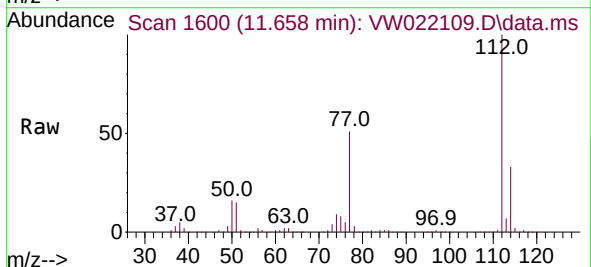
Tgt Ion:112 Resp: 646245

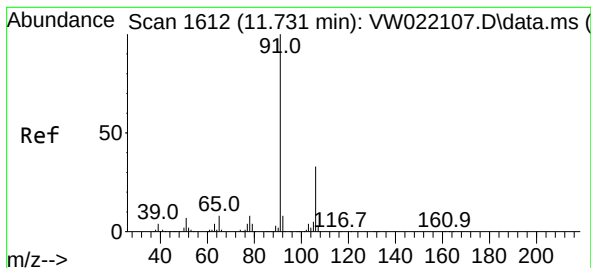
Ion Ratio Lower Upper

112 100

114 32.6 23.0 42.8

77 51.2 41.8 62.6

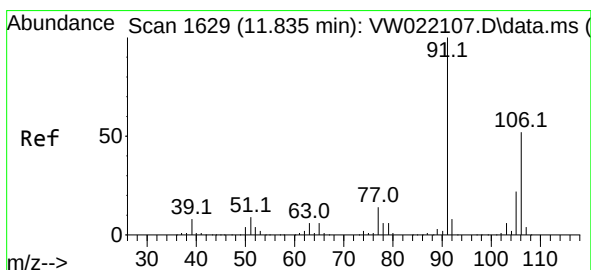
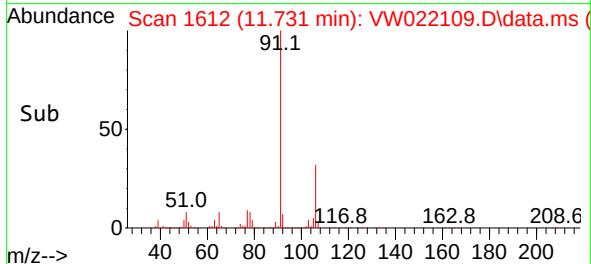
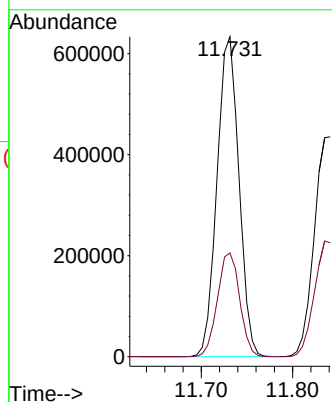
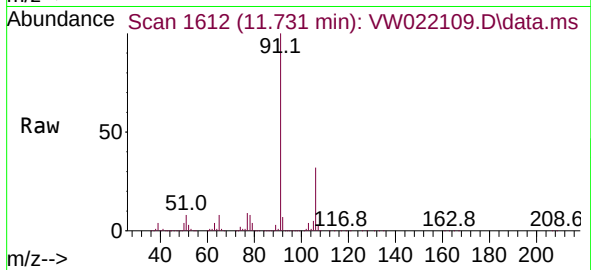




#52
Ethylbenzene
Concen: 100.484 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW022109.D
Acq: 23 Feb 2022 14:48

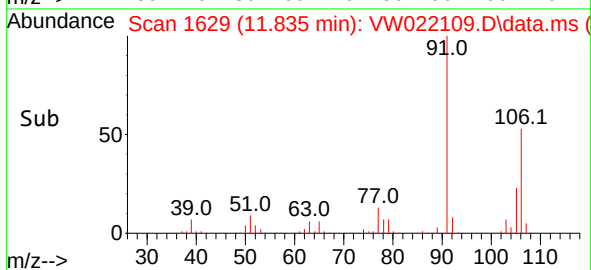
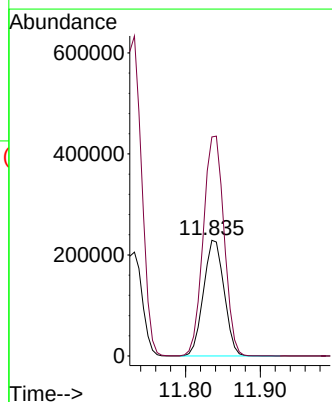
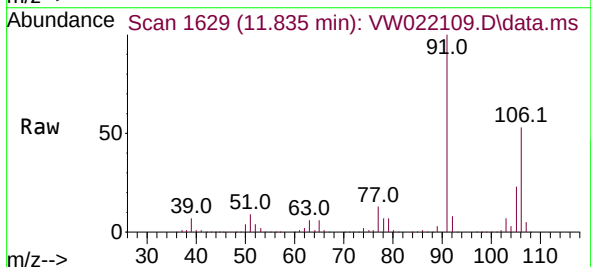
Instrument :
MSVOA_W
ClientSampleId :

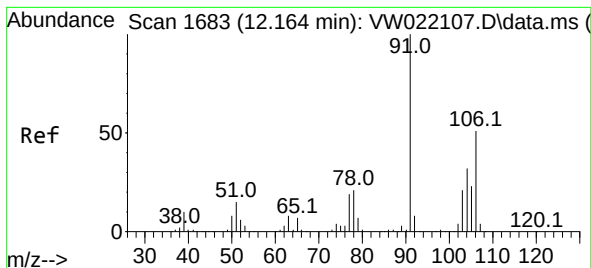
Tgt Ion: 91 Resp: 1056064
Ion Ratio Lower Upper
91 100
106 32.5 22.8 42.4



#53
m,p-Xylene
Concen: 101.345 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW022109.D
Acq: 23 Feb 2022 14:48

Tgt Ion:106 Resp: 438272
Ion Ratio Lower Upper
106 100
91 189.4 135.0 250.8





#54

o-Xylene

Concen: 104.791 ug/L

RT: 12.164 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW022109.D

Acq: 23 Feb 2022 14:48

Instrument :

MSVOA_W

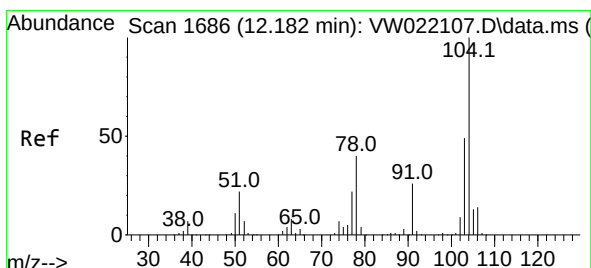
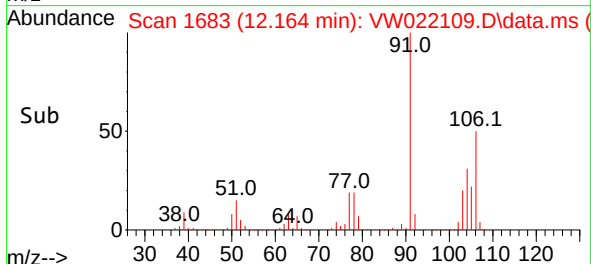
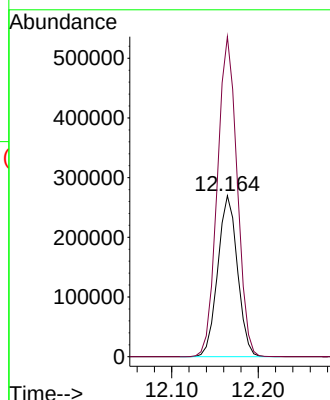
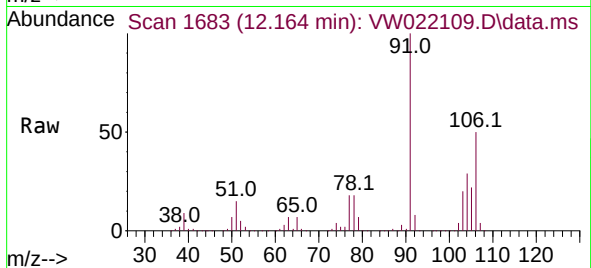
ClientSampleId :

Tgt Ion:106 Resp: 426396

Ion Ratio Lower Upper

106 100

91 198.9 136.9 254.3



#55

Styrene

Concen: 106.679 ug/L

RT: 12.177 min Scan# 1685

Delta R.T. -0.006 min

Lab File: VW022109.D

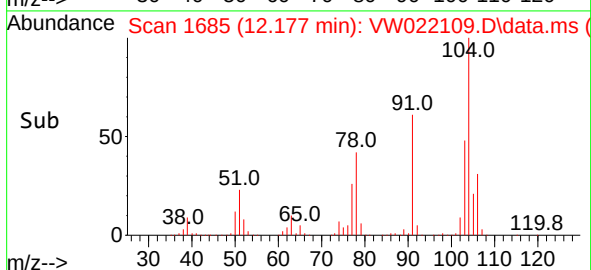
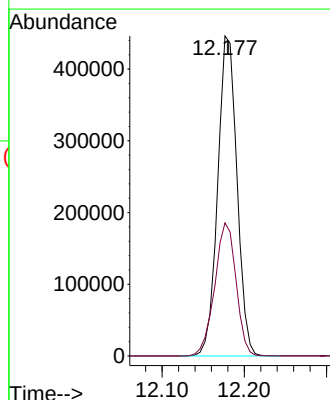
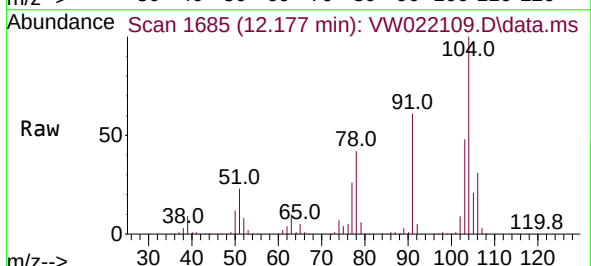
Acq: 23 Feb 2022 14:48

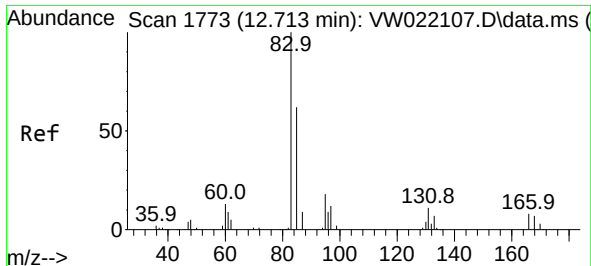
Tgt Ion:104 Resp: 727704

Ion Ratio Lower Upper

104 100

78 41.6 27.8 51.6





#57

1,1,2,2-Tetrachloroethane

Concen: 95.922 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VW022109.D

Acq: 23 Feb 2022 14:48

Instrument :

MSVOA_W

ClientSampleId :

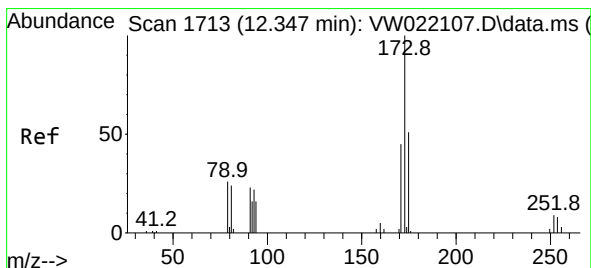
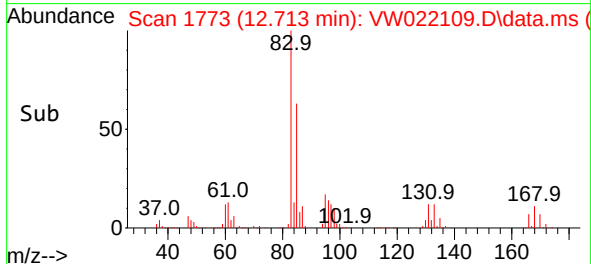
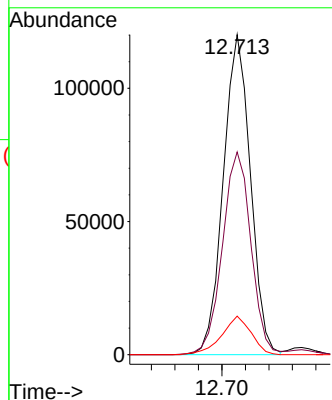
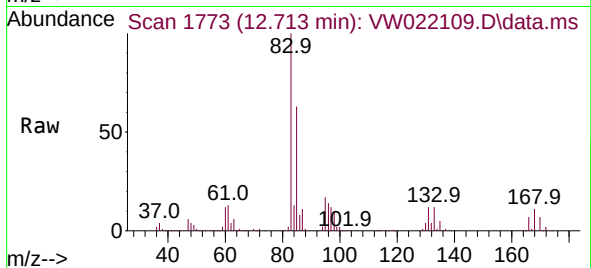
Tgt Ion: 83 Resp: 193179

Ion Ratio Lower Upper

83 100

85 63.4 44.2 82.0

131 12.0 9.4 14.0



#59

Bromoform

Concen: 116.378 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW022109.D

Acq: 23 Feb 2022 14:48

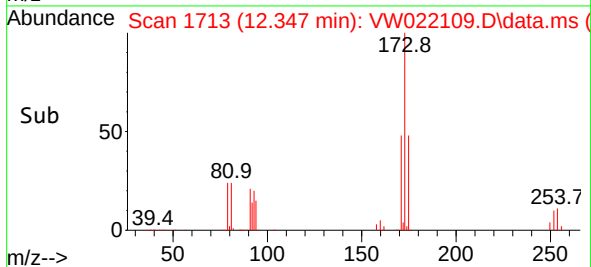
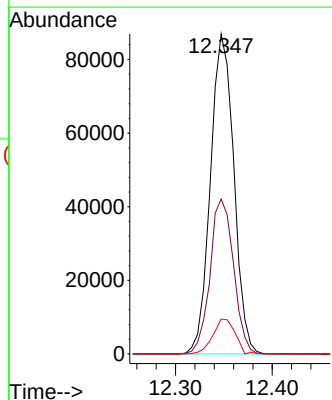
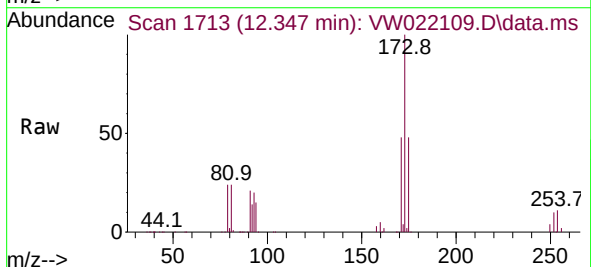
Tgt Ion:173 Resp: 145910

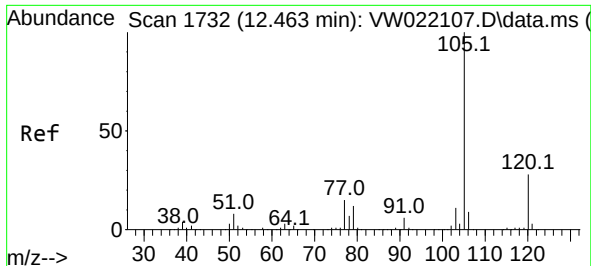
Ion Ratio Lower Upper

173 100

175 48.6 38.2 57.4

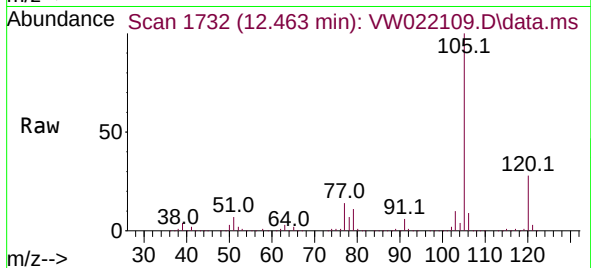
254 10.2 5.0 7.6#



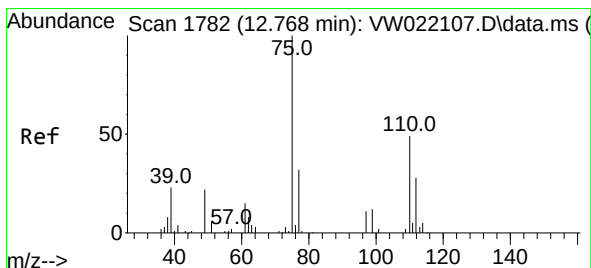
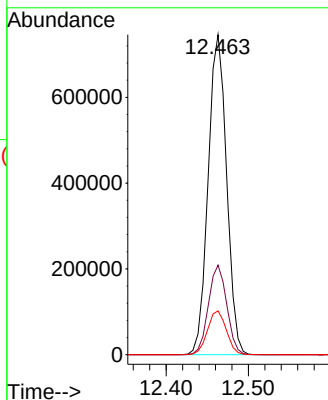
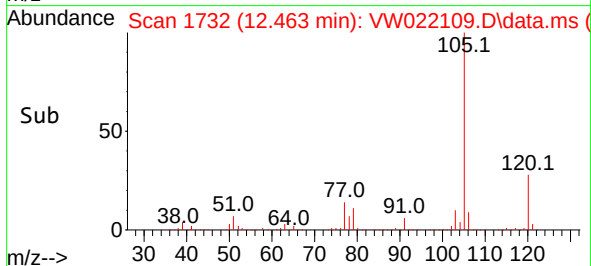


#60
Isopropylbenzene
Concen: 102.116 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW022109.D
Acq: 23 Feb 2022 14:48

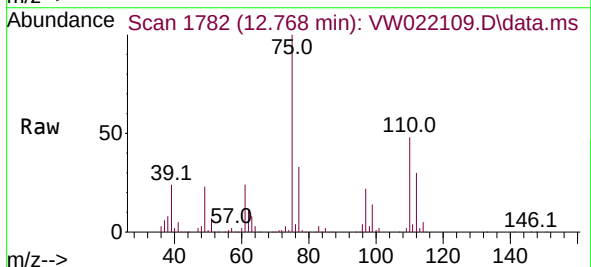
Instrument :
MSVOA_W
ClientSampleId :



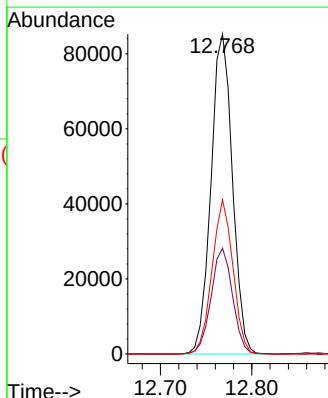
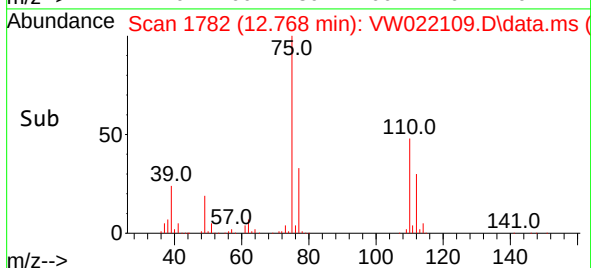
Tgt Ion:105 Resp: 1162195
Ion Ratio Lower Upper
105 100
120 27.8 22.1 33.1
77 14.0 12.0 18.0

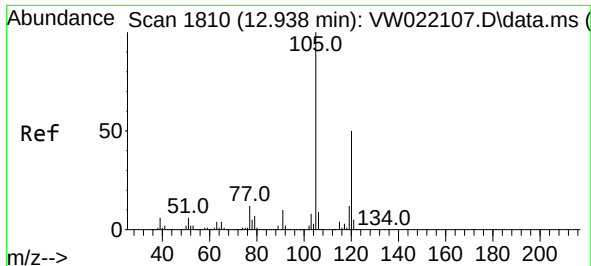


#61
1,2,3-Trichloropropane
Concen: 92.753 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW022109.D
Acq: 23 Feb 2022 14:48



Tgt Ion: 75 Resp: 138793
Ion Ratio Lower Upper
75 100
77 33.1 27.1 40.7
110 47.0 36.7 55.1

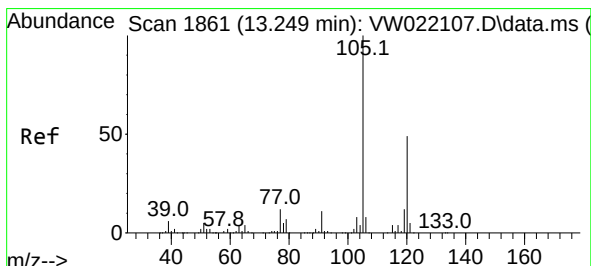
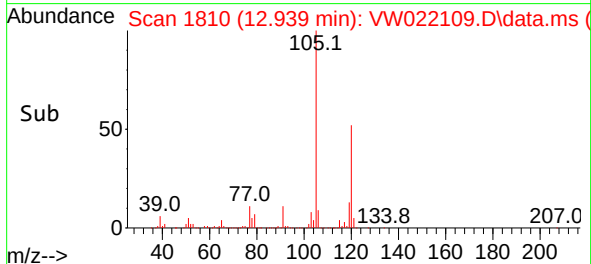
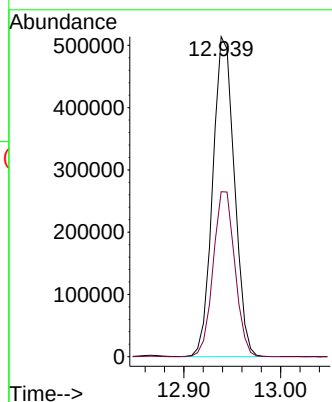
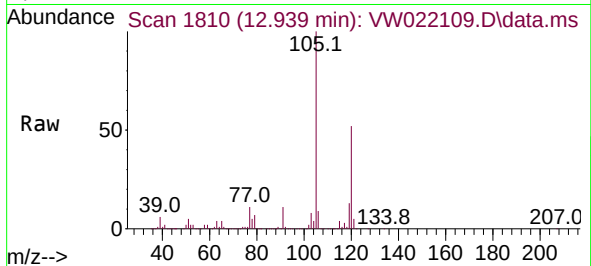




#62
 1,3,5-Trimethylbenzene
 Concen: 105.575 ug/L
 RT: 12.939 min Scan# 1810
 Delta R.T. 0.000 min
 Lab File: VW022109.D
 Acq: 23 Feb 2022 14:48

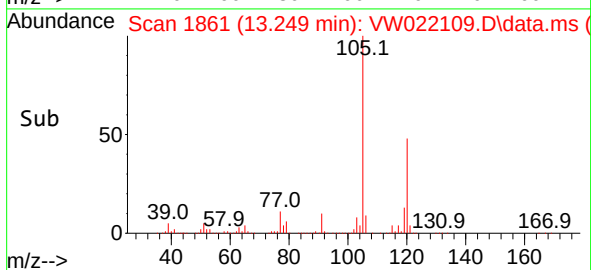
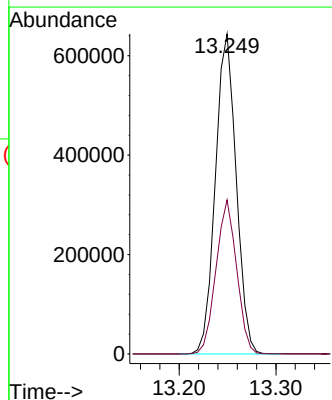
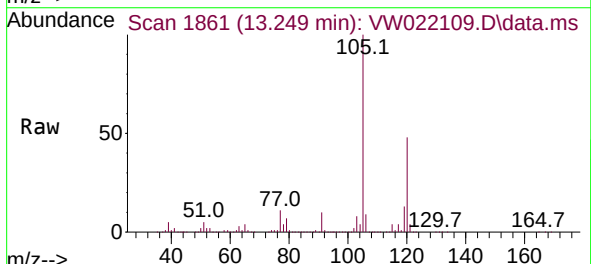
Instrument :
 MSVOA_W
 ClientSampleId :

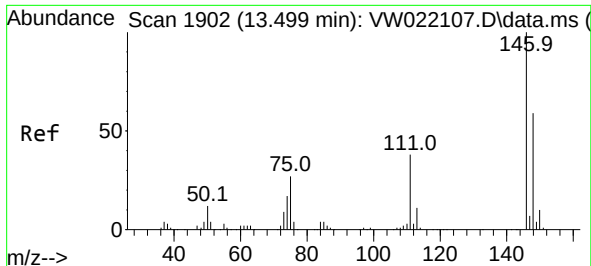
Tgt Ion:105 Resp: 798996
 Ion Ratio Lower Upper
 105 100
 120 51.9 41.5 62.3



#63
 1,2,4-Trimethylbenzene
 Concen: 103.971 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. 0.000 min
 Lab File: VW022109.D
 Acq: 23 Feb 2022 14:48

Tgt Ion:105 Resp: 961629
 Ion Ratio Lower Upper
 105 100
 120 47.7 39.2 58.8

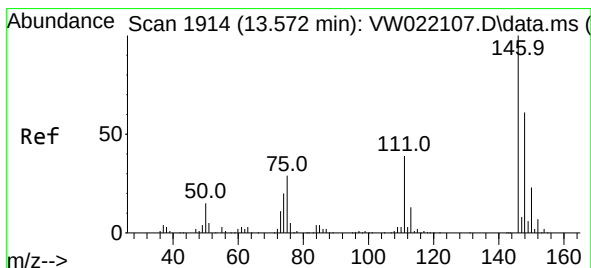
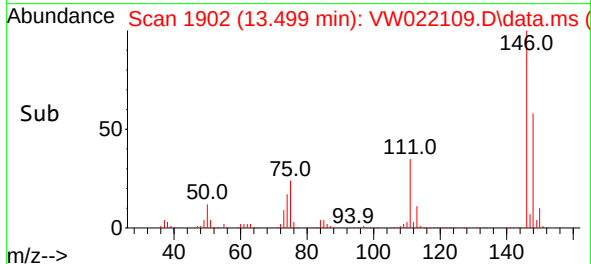
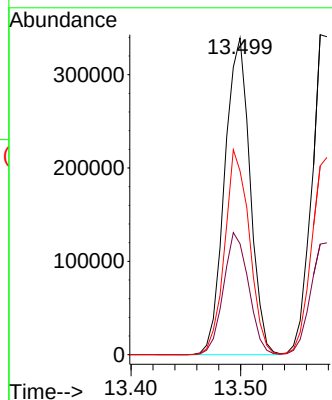
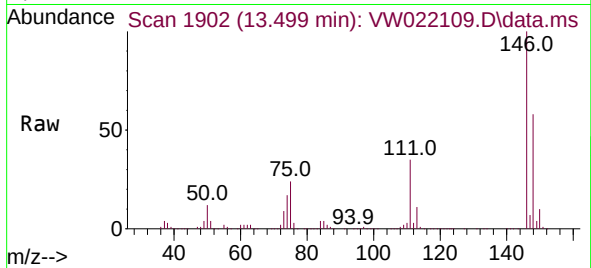




#64
1,3-Dichlorobenzene
Concen: 96.663 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW022109.D
Acq: 23 Feb 2022 14:48

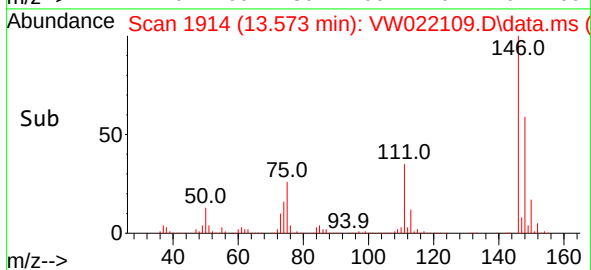
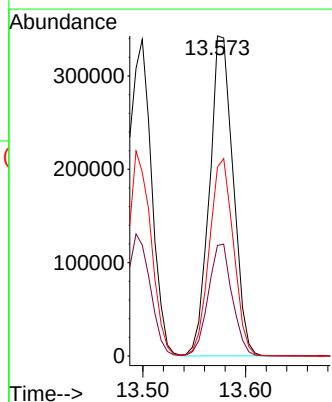
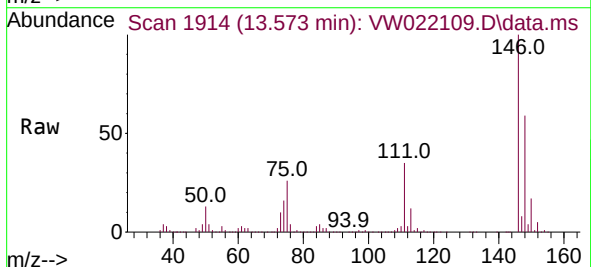
Instrument :
MSVOA_W
ClientSampleId :

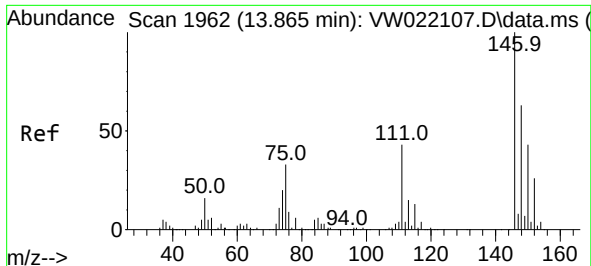
Tgt Ion:146 Resp: 545737
Ion Ratio Lower Upper
146 100
111 35.0 26.9 49.9
148 58.0 41.6 77.2



#65
1,4-Dichlorobenzene
Concen: 96.907 ug/L
RT: 13.573 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW022109.D
Acq: 23 Feb 2022 14:48

Tgt Ion:146 Resp: 548270
Ion Ratio Lower Upper
146 100
111 34.6 27.5 51.1
148 59.0 42.9 79.7





#67

1,2-Dichlorobenzene

Concen: 95.687 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW022109.D

Acq: 23 Feb 2022 14:48

Instrument :

MSVOA_W

ClientSampleId :

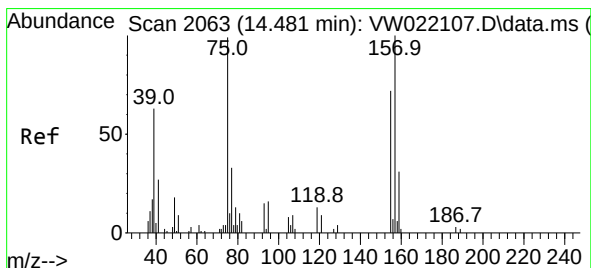
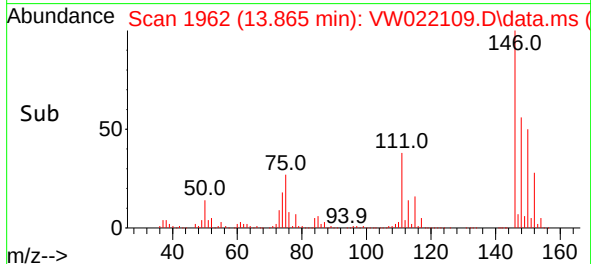
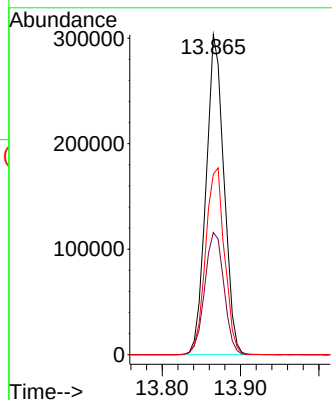
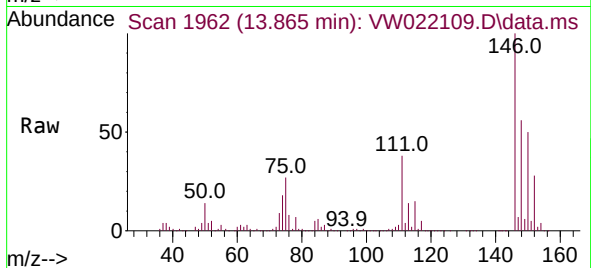
Tgt Ion:146 Resp: 480309

Ion Ratio Lower Upper

146 100

111 38.2 34.8 52.2

148 56.3 50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 102.072 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW022109.D

Acq: 23 Feb 2022 14:48

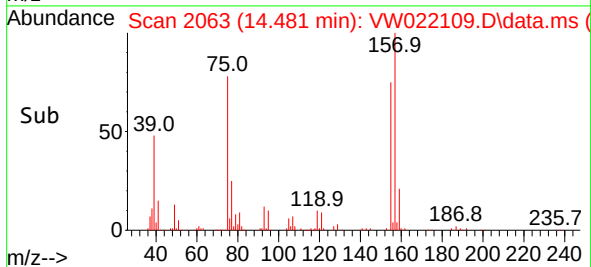
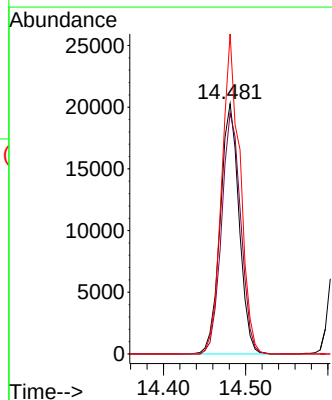
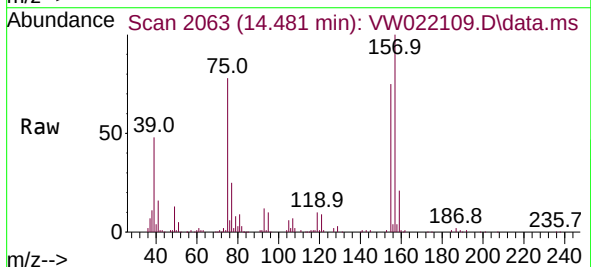
Tgt Ion: 75 Resp: 32299

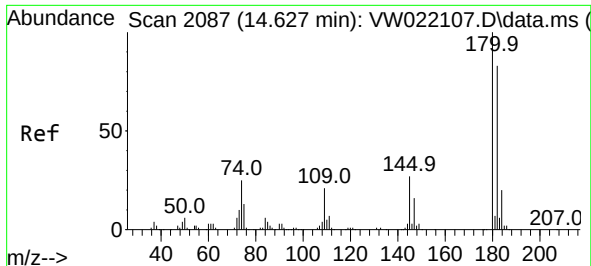
Ion Ratio Lower Upper

75 100

155 96.3 58.2 87.2#

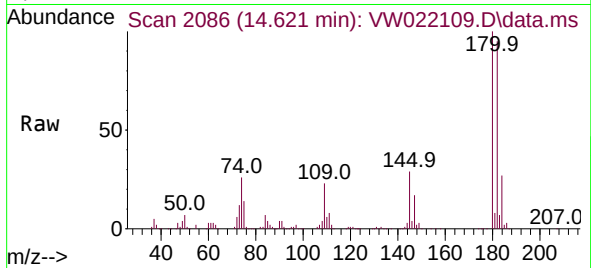
157 127.8 80.5 120.7#



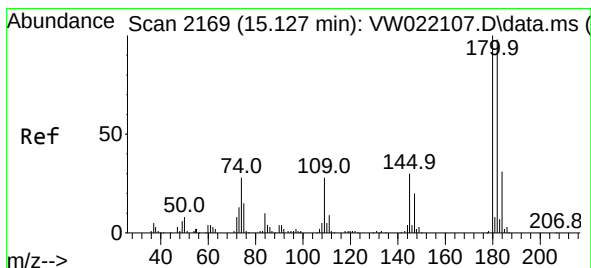
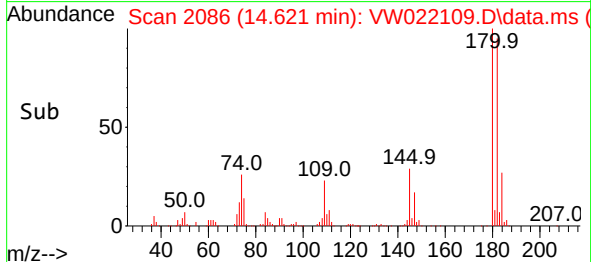
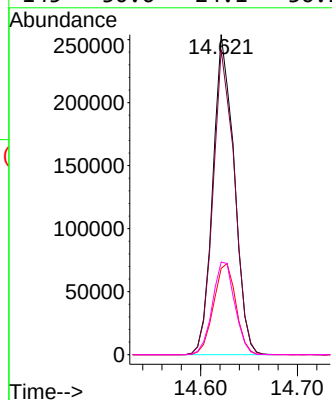


#69
1,3,5-Trichlorobenzene
Concen: 95.388 ug/L
RT: 14.621 min Scan# 2086
Delta R.T. -0.006 min
Lab File: VW022109.D
Acq: 23 Feb 2022 14:48

Instrument :
MSVOA_W
ClientSampleId :

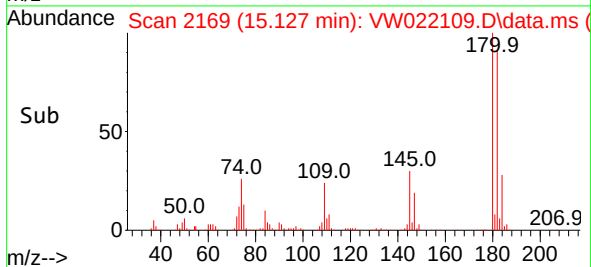
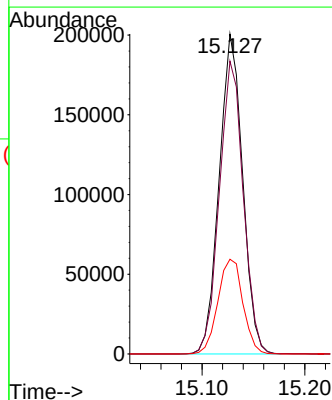
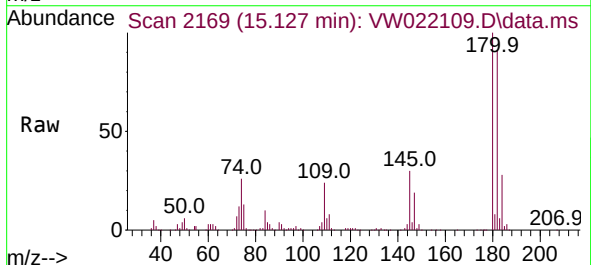


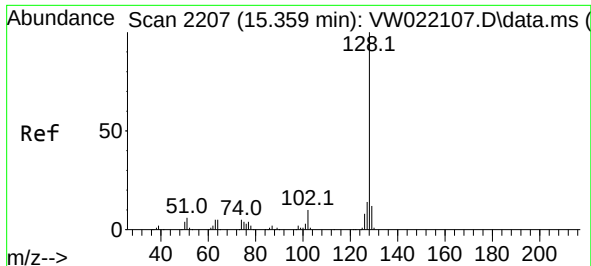
Tgt Ion:180 Resp: 386540
Ion Ratio Lower Upper
180 100
182 95.9 69.4 104.0
184 30.0 21.8 32.8
145 30.6 24.1 36.1



#70
1,2,4-trichlorobenzene
Concen: 103.512 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VW022109.D
Acq: 23 Feb 2022 14:48

Tgt Ion:180 Resp: 317376
Ion Ratio Lower Upper
180 100
182 93.4 77.8 116.6
145 31.6 25.8 38.6

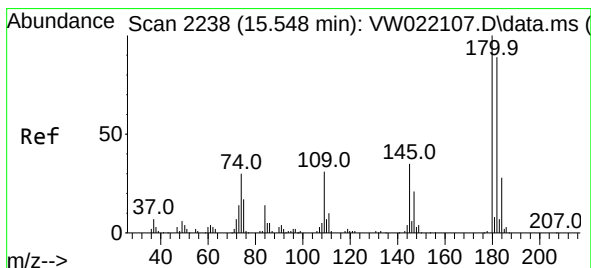
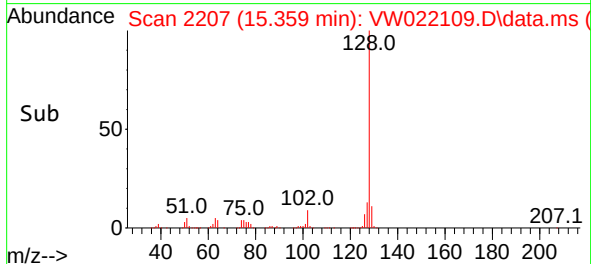
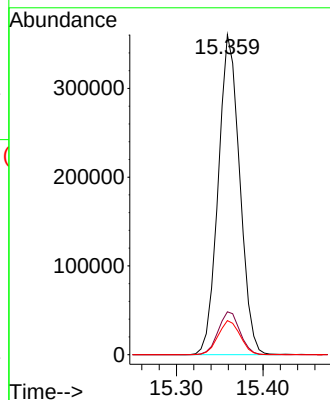
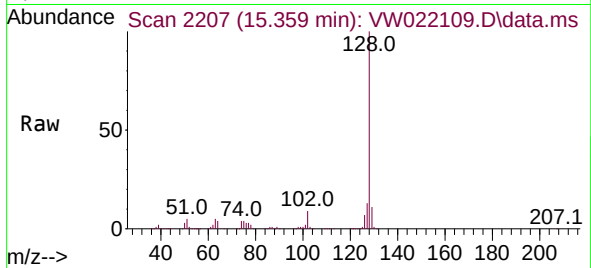




#71
Naphthalene
Concen: 114.793 ug/L
RT: 15.359 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW022109.D
Acq: 23 Feb 2022 14:48

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 621335
Ion Ratio Lower Upper
128 100
127 13.6 11.0 16.6
129 10.9 8.9 13.3



#72
1,2,3-Trichlorobenzene
Concen: 101.802 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. 0.000 min
Lab File: VW022109.D
Acq: 23 Feb 2022 14:48

Tgt Ion:180 Resp: 269982
Ion Ratio Lower Upper
180 100
182 98.0 79.0 118.4
145 33.3 28.0 42.0

