

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082624\
 Data File : VW030022.D
 Acq On : 26 Aug 2024 11:38
 Operator : SY/MD
 Sample : VSTD2.5
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 27 05:13:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Aug 27 05:12:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	342757	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	311105	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	146143	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	13799	2.705	ug/L	0.00
7) Chloroethane-d5	2.899	69	9289	2.566	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.015	65	4846	2.224	ug/L	-0.01
21) 2-Butanone-d5	7.087	46	4171	4.103	ug/L	0.00
24) Chloroform-d	7.654	84	23415	2.533	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.313	65	12177	2.594	ug/L	0.00
32) Benzene-d6	8.276	84	46075	2.509	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	13621	2.532	ug/L	0.00
41) Toluene-d8	10.319	98	40488	2.422	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.581	79	5222	2.360	ug/L	0.00
47) 2-Hexanone-d5	10.928	63	3308	4.017	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	9938	2.509	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	13251	2.507	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.229	85	165	0.044	ug/L	95
3) Chloromethane	2.222	50	9466	2.066	ug/L	96
5) Vinyl chloride	2.375	62	12117	2.237	ug/L	97
6) Bromomethane	2.789	94	7592	2.255	ug/L	84
8) Chloroethane	2.930	64	7378	2.364	ug/L	92
9) Trichlorofluoromethane	3.265	101	10482	2.235	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	10238	2.367	ug/L	94
12) 1,1-Dichloroethene	4.045	96	10059	2.293	ug/L	96
13) Acetone	4.137	43	4712	5.095	ug/L	80
14) Carbon disulfide	4.393	76	29327	2.152	ug/L	99
15) Methyl Acetate	4.685	43	4061	2.256	ug/L #	84
16) Methylene chloride	4.923	84	24358	4.302	ug/L	97
17) trans-1,2-Dichloroethene	5.435	96	11340	2.334	ug/L	93
18) Methyl tert-butyl Ether	5.423	73	16789	2.259	ug/L #	94
19) 1,1-Dichloroethane	6.216	63	21322	2.361	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	12473	2.323	ug/L	93
22) 2-Butanone	7.185	43	6491	4.970	ug/L #	67
23) Bromochloromethane	7.520	128	5052	2.218	ug/L	90
25) Chloroform	7.679	83	21481	2.326	ug/L	93
27) 1,2-Dichloroethane	8.398	62	14317	2.422	ug/L	99
29) Cyclohexane	7.959	56	16222	2.173	ug/L	94
30) 1,1,1-Trichloroethane	7.874	97	16400	2.251	ug/L	99
31) Carbon tetrachloride	8.063	117	15131	2.311	ug/L	98
33) Benzene	8.325	78	47688	2.392	ug/L	100
34) Trichloroethene	9.093	95	13119	2.444	ug/L	95
35) Methylcyclohexane	9.337	83	19392	2.206	ug/L	94
37) 1,2-Dichloropropane	9.367	63	11774	2.333	ug/L	100
38) Bromodichloromethane	9.648	83	14250	2.238	ug/L #	98
39) cis-1,3-Dichloropropene	10.075	75	17045	2.194	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	10665	4.245	ug/L	99
42) Toluene	10.386	91	48170	2.269	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	13290	2.114	ug/L	97

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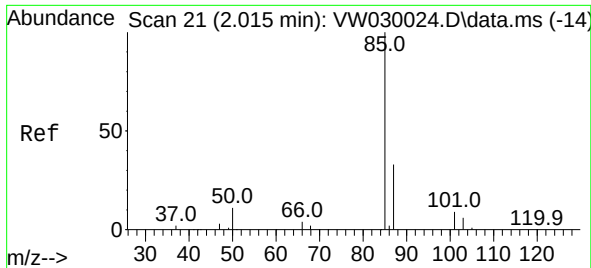
Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 27 05:13:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
 Quant Title : SFAM01.0
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 Response via : Initial Calibration

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

45) 1,1,2-Trichloroethane	10.788	97	8842	2.390	ug/L	96
46) Tetrachloroethene	10.861	164	9763	2.397	ug/L	94
48) 2-Hexanone	10.971	43	7001	3.920	ug/L #	96
49) Dibromochloromethane	11.129	129	8460	2.152	ug/L	83
50) 1,2-Dibromoethane	11.233	107	7572	2.191	ug/L	91
51) Chlorobenzene	11.654	112	31677	2.334	ug/L	99
52) Ethylbenzene	11.727	91	55059	2.289	ug/L	97
53) m,p-Xylene	11.837	106	19965	2.224	ug/L	99
54) o-Xylene	12.166	106	19039	2.210	ug/L	96
55) Styrene	12.178	104	31351	2.172	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.714	83	9990	2.398	ug/L #	95
59) Bromoform	12.343	173	4547	2.089	ug/L #	95
60) Isopropylbenzene	12.458	105	51974	2.229	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	6928	2.331	ug/L	95
62) 1,3,5-Trimethylbenzene	12.940	105	33527	1.934	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	40451	2.214	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	22610	2.275	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	24406	2.431	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	20941	2.355	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	1621	2.548	ug/L #	84
69) 1,3,5-Trichlorobenzene	14.623	180	16684	2.571	ug/L	91
70) 1,2,4-trichlorobenzene	15.129	180	13444	2.394	ug/L	98
71) Naphthalene	15.360	128	23586	2.199	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	11932	2.420	ug/L	96

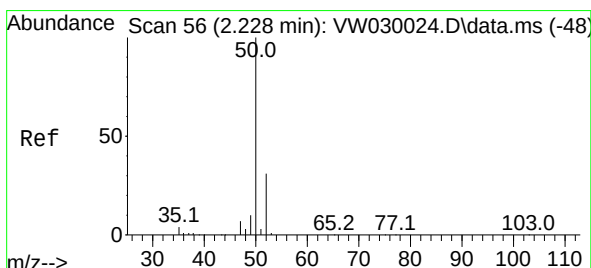
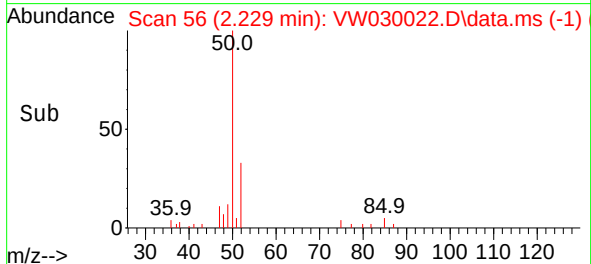
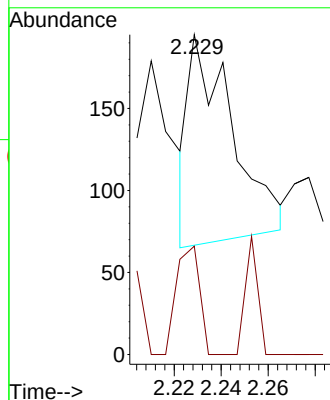
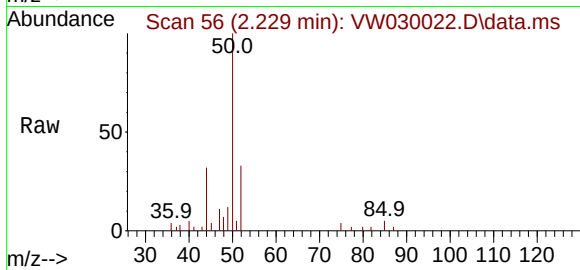
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 0.044 ug/L
RT: 2.229 min Scan# 50
Delta R.T. 0.213 min
Lab File: VW030022.D
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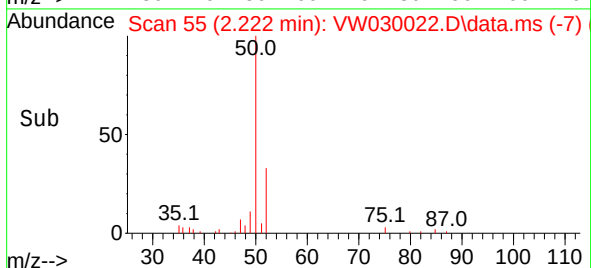
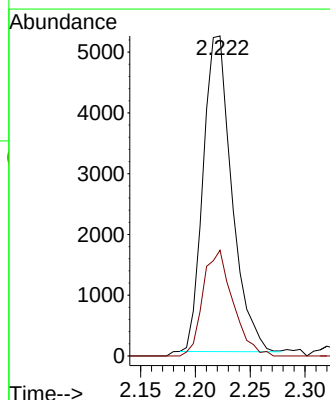
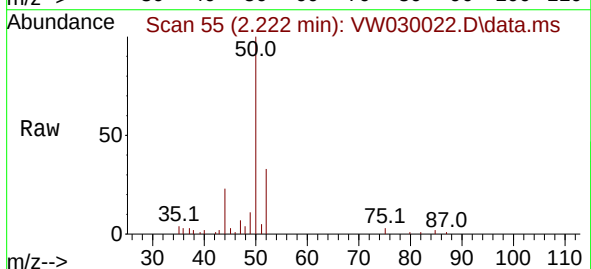
Instrument :
MSVOA_W
ClientSampleId :

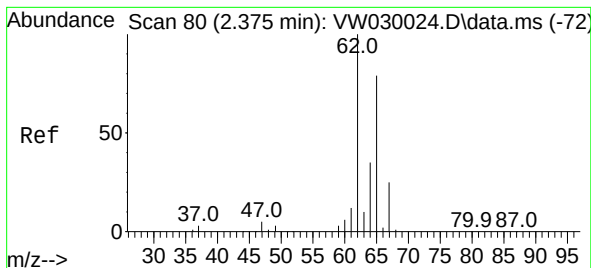
Tgt Ion: 85 Resp: 165
Ion Ratio Lower Upper
85 100
87 27.3 24.2 36.2



#3
Chloromethane
Concen: 2.066 ug/L
RT: 2.222 min Scan# 55
Delta R.T. -0.006 min
Lab File: VW030022.D
Acq: 26 Aug 2024 11:38

Tgt Ion: 50 Resp: 9466
Ion Ratio Lower Upper
50 100
52 33.1 21.6 40.2





#5

Vinyl chloride

Concen: 2.237 ug/L

RT: 2.375 min Scan# 80

Delta R.T. 0.000 min

Lab File: VW030022.D

Acq: 26 Aug 2024 11:38

Instrument :

MSVOA_W

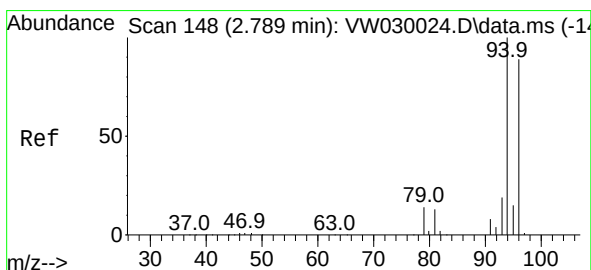
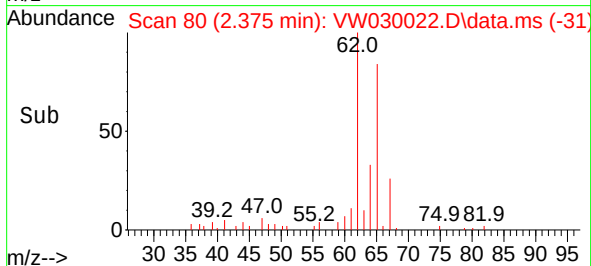
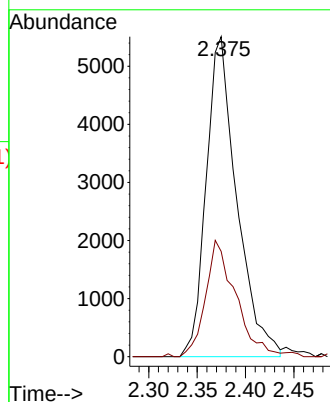
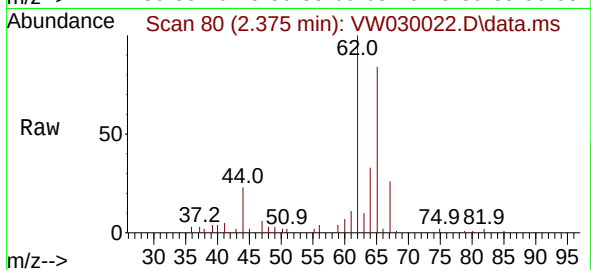
ClientSampleId :

Tgt Ion: 62 Resp: 12117

Ion Ratio Lower Upper

62 100

64 32.9 24.4 45.4



#6

Bromomethane

Concen: 2.255 ug/L

RT: 2.789 min Scan# 148

Delta R.T. 0.000 min

Lab File: VW030022.D

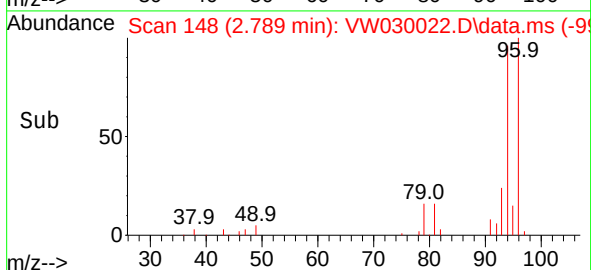
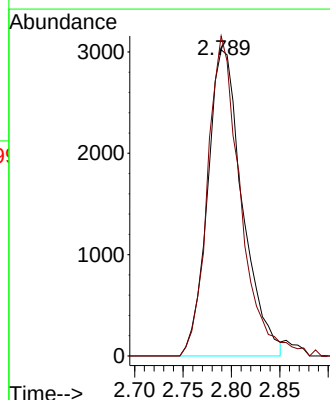
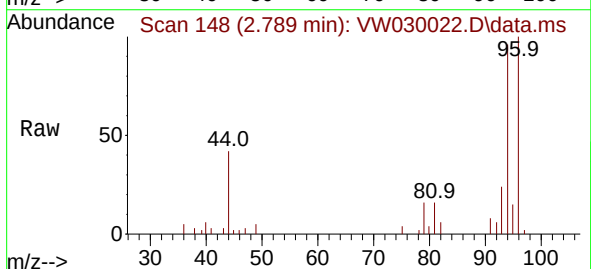
Acq: 26 Aug 2024 11:38

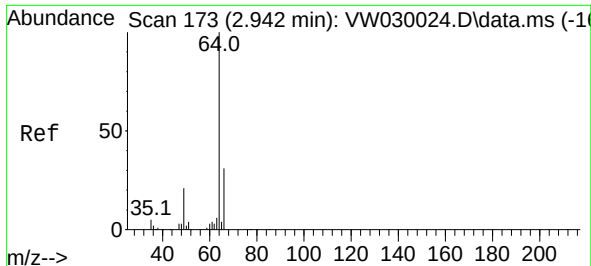
Tgt Ion: 94 Resp: 7592

Ion Ratio Lower Upper

94 100

96 104.5 62.4 115.8

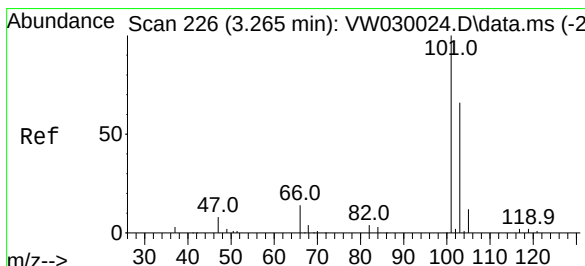
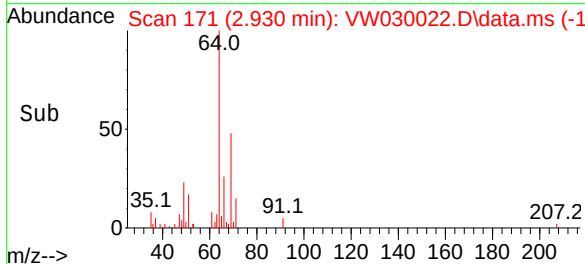
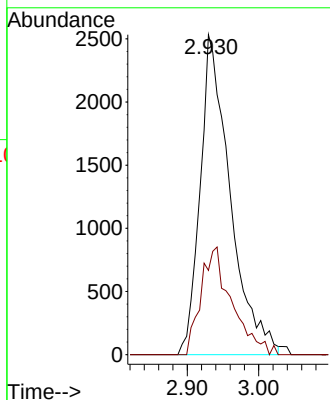
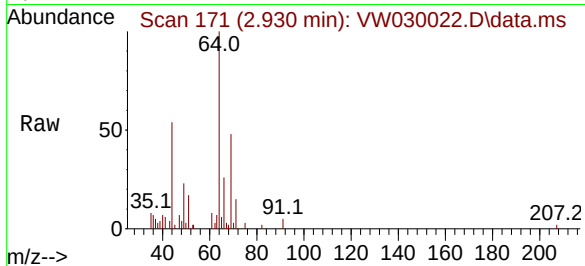




#8
Chloroethane
Concen: 2.364 ug/L
RT: 2.930 min Scan# 173
Delta R.T. -0.012 min
Lab File: VW030022.D
Acq: 26 Aug 2024 11:38

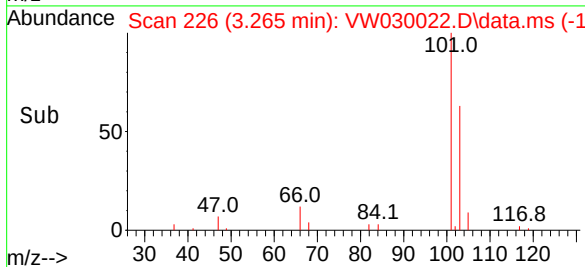
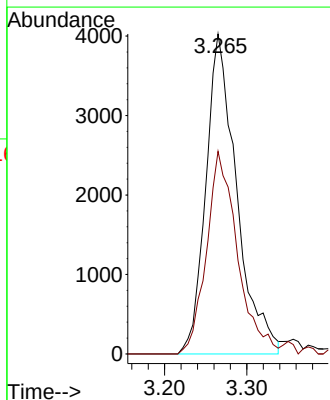
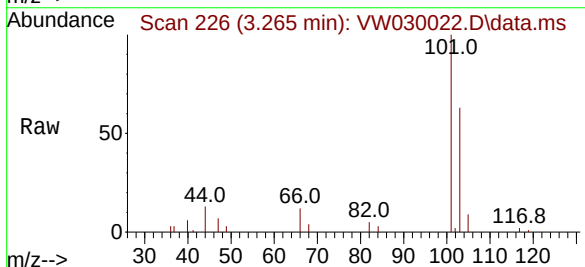
Instrument :
MSVOA_W
ClientSampleId :

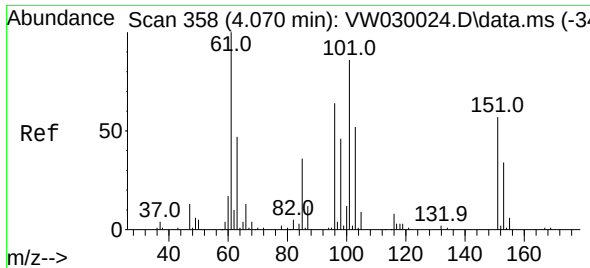
Tgt Ion: 64 Resp: 7378
Ion Ratio Lower Upper
64 100
66 26.4 21.7 40.3



#9
Trichlorofluoromethane
Concen: 2.235 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW030022.D
Acq: 26 Aug 2024 11:38

Tgt Ion: 101 Resp: 10482
Ion Ratio Lower Upper
101 100
103 63.5 50.7 76.1





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 2.367 ug/L

RT: 4.076 min Scan# 358

Delta R.T. 0.006 min

Lab File: VW030022.D

Acq: 26 Aug 2024 11:38

Instrument :

MSVOA_W

ClientSampleId :

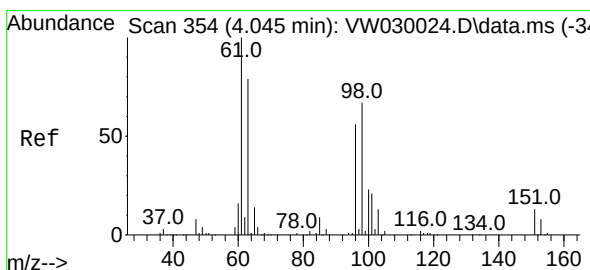
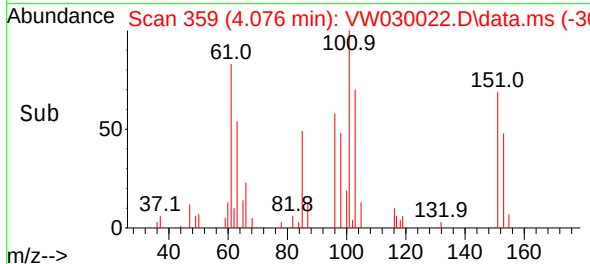
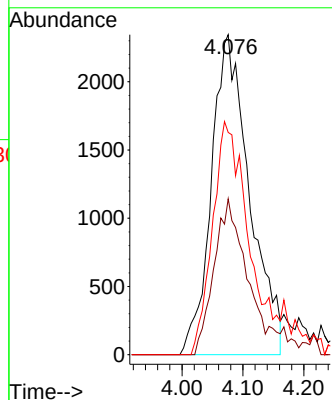
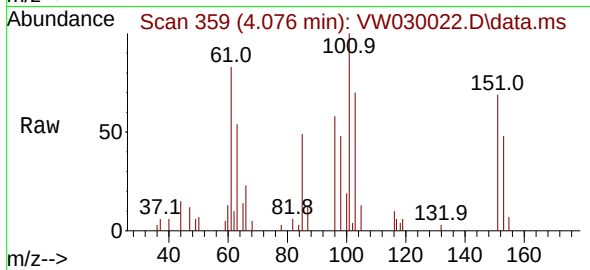
Tgt Ion:101 Resp: 10238

Ion Ratio Lower Upper

101 100

85 40.3 34.7 52.1

151 63.2 54.8 82.2



#12

1,1-Dichloroethene

Concen: 2.293 ug/L

RT: 4.045 min Scan# 354

Delta R.T. 0.000 min

Lab File: VW030022.D

Acq: 26 Aug 2024 11:38

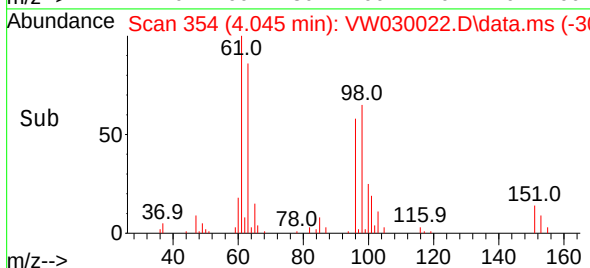
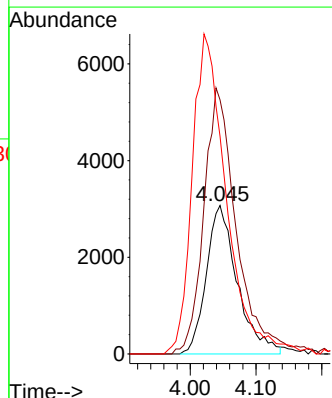
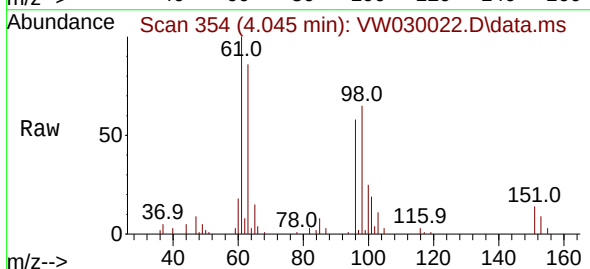
Tgt Ion: 96 Resp: 10059

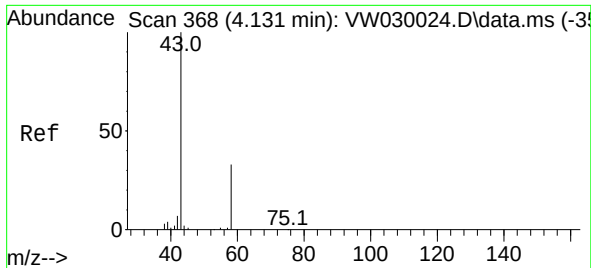
Ion Ratio Lower Upper

96 100

61 171.1 126.0 234.0

63 146.5 101.8 189.2

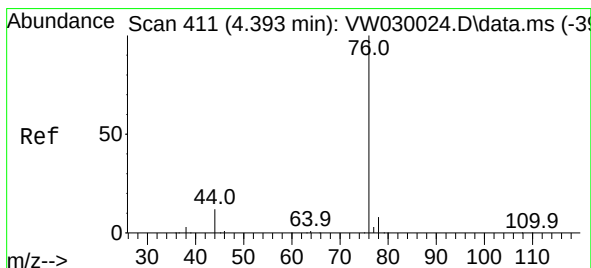
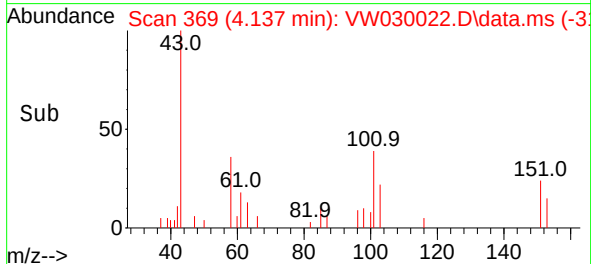
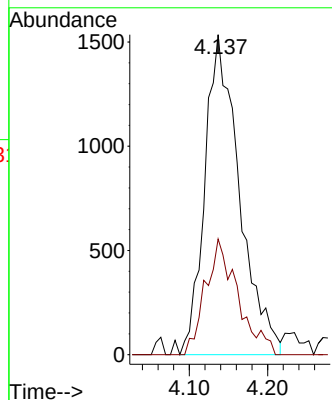
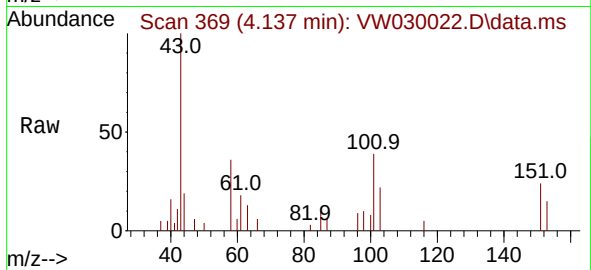




#13
Acetone
Concen: 5.095 ug/L
RT: 4.137 min Scan# 369
Delta R.T. 0.006 min
Lab File: VW030022.D
Acq: 26 Aug 2024 11:38

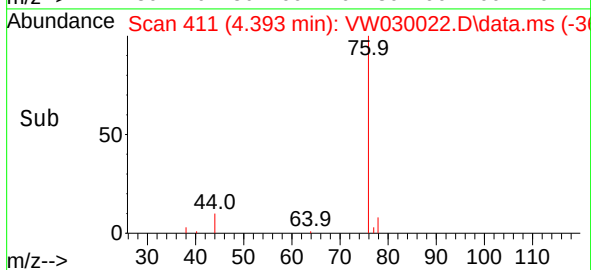
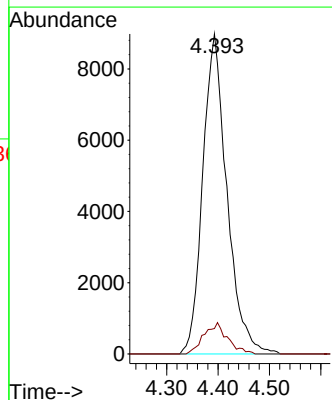
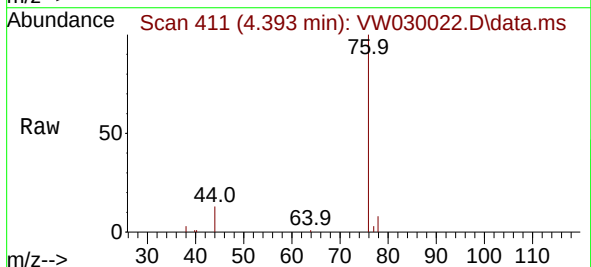
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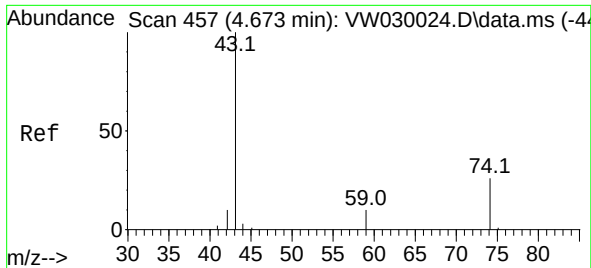
Tgt Ion: 43 Resp: 4712
Ion Ratio Lower Upper
43 100
58 21.9 0.0 66.4



#14
Carbon disulfide
Concen: 2.152 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW030022.D
Acq: 26 Aug 2024 11:38

Tgt Ion: 76 Resp: 29327
Ion Ratio Lower Upper
76 100
78 8.0 6.6 9.8

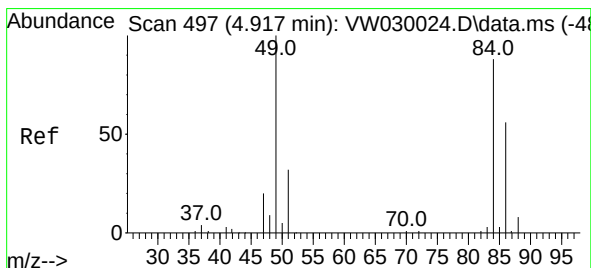
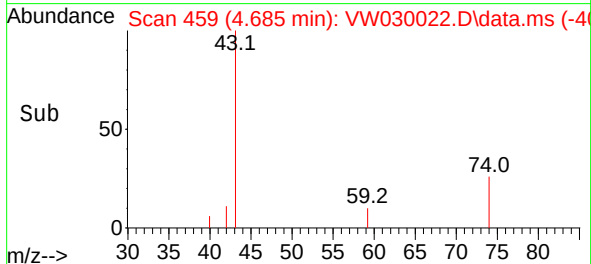
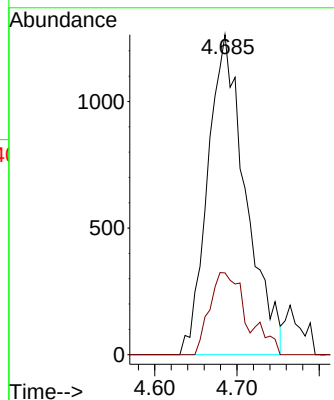
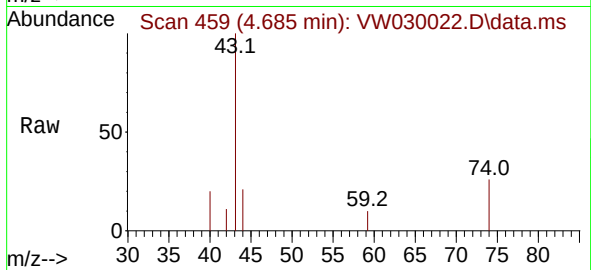




#15
Methyl Acetate
Concen: 2.256 ug/L
RT: 4.685 min Scan# 459
Delta R.T. 0.012 min
Lab File: VW030022.D
Acq: 26 Aug 2024 11:38

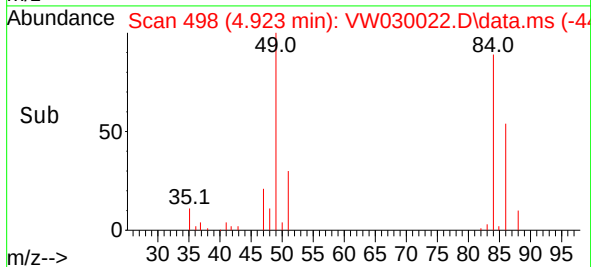
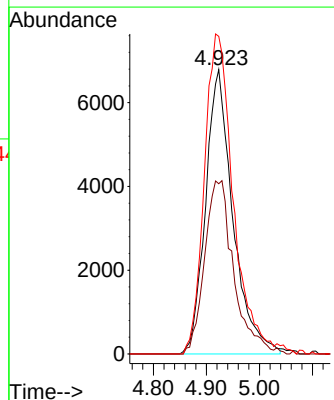
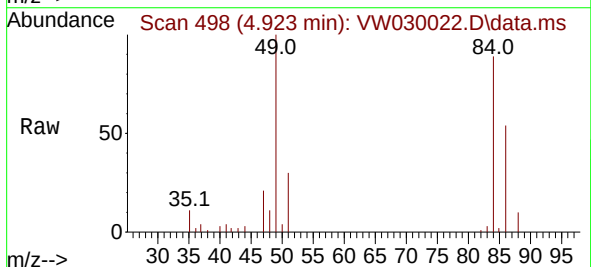
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ClientSampleId :

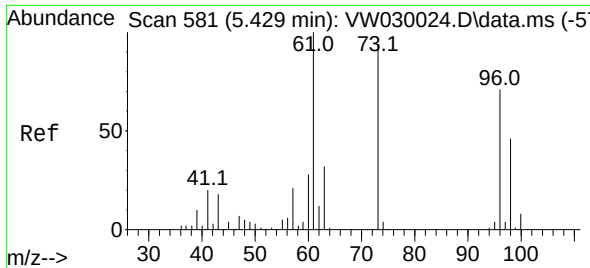
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Ion Ratio Lower Upper
43 100
74 16.9 19.9 29.9#



#16
Methylene chloride
Concen: 4.302 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW030022.D
Acq: 26 Aug 2024 11:38

Tgt Ion: 84 Resp: 24358
Ion Ratio Lower Upper
84 100
86 59.9 44.2 82.2
49 111.7 79.9 148.3





#17

trans-1,2-Dichloroethene

Concen: 2.334 ug/L

RT: 5.435 min Scan# 5

Delta R.T. 0.006 min

Lab File: VW030022.D

Acq: 26 Aug 2024 11:38

Instrument :

MSVOA_W

ClientSampleId :

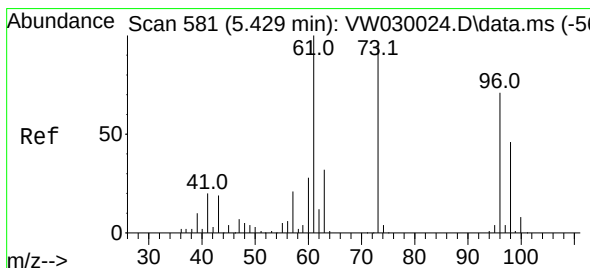
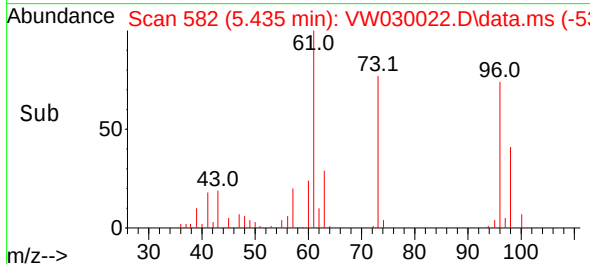
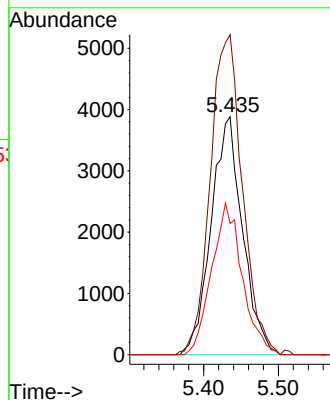
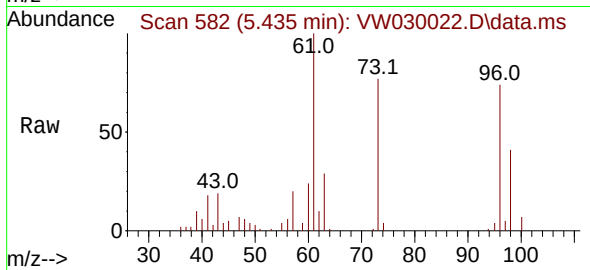
Tgt Ion: 96 Resp: 11340

Ion Ratio Lower Upper

96 100

61 134.5 98.3 182.7

98 55.2 45.3 84.1



#18

Methyl tert-butyl Ether

Concen: 2.259 ug/L

RT: 5.423 min Scan# 580

Delta R.T. -0.006 min

Lab File: VW030022.D

Acq: 26 Aug 2024 11:38

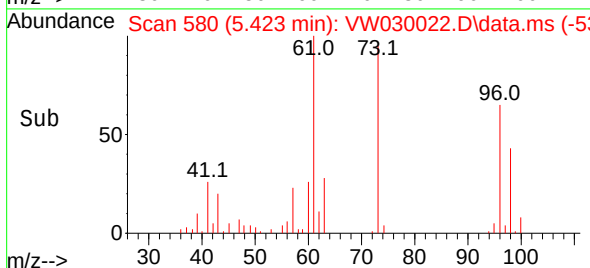
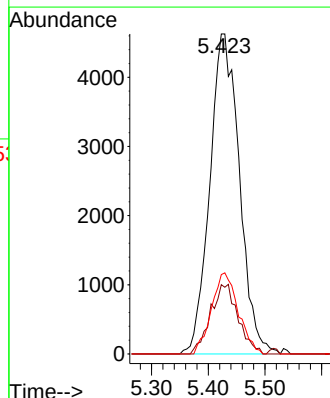
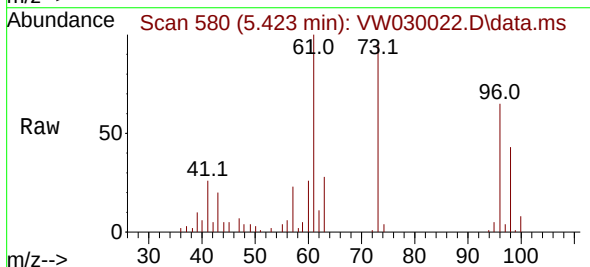
Tgt Ion: 73 Resp: 16789

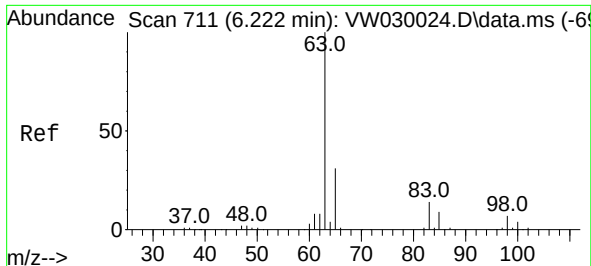
Ion Ratio Lower Upper

73 100

43 14.8 15.4 23.2#

57 22.9 17.4 26.0





#19

1,1-Dichloroethane

Concen: 2.361 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.006 min

Lab File: VW030022.D

Acq: 26 Aug 2024 11:38

Instrument :

MSVOA_W

ClientSampleId :

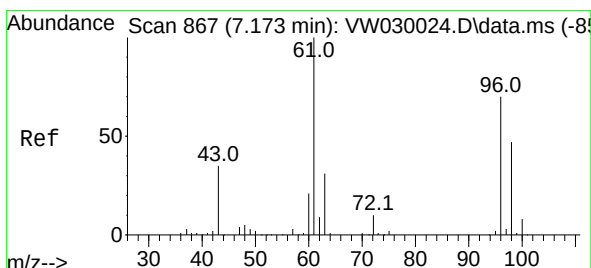
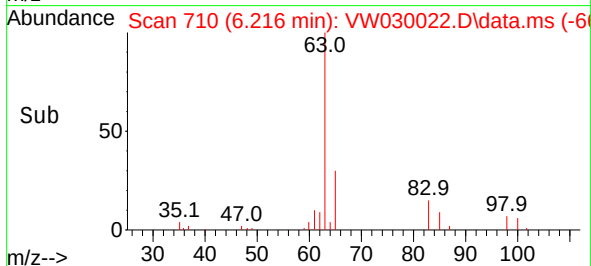
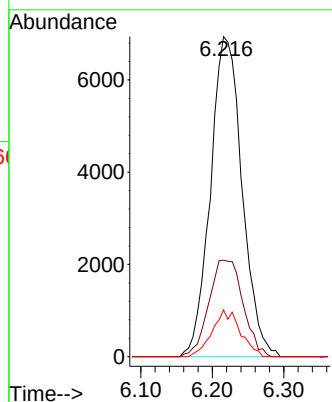
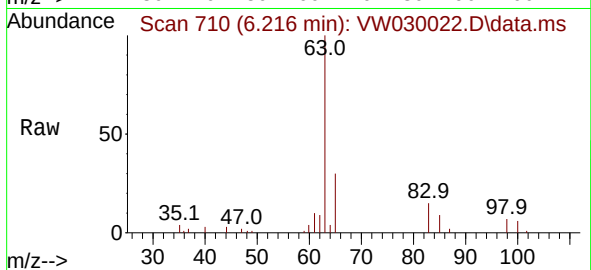
Tgt Ion: 63 Resp: 21322

Ion Ratio Lower Upper

63 100

65 30.2 21.6 40.0

83 14.6 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 2.323 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW030022.D

Acq: 26 Aug 2024 11:38

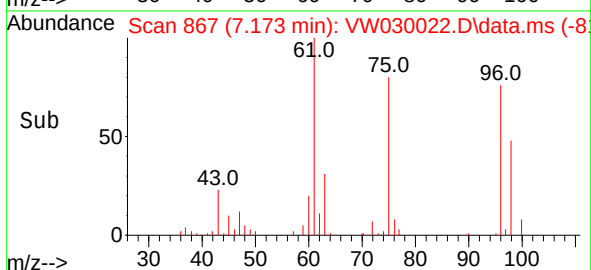
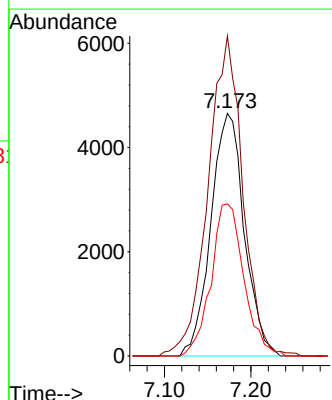
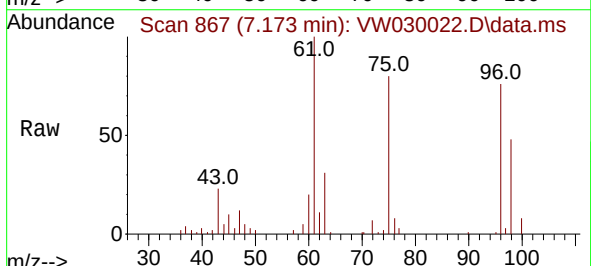
Tgt Ion: 96 Resp: 12473

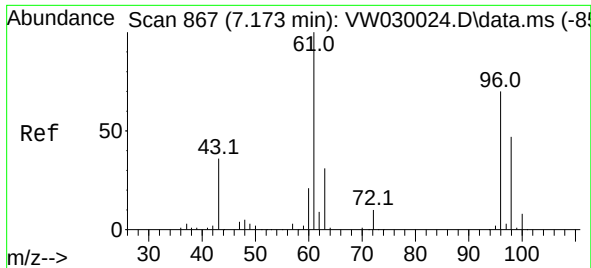
Ion Ratio Lower Upper

96 100

61 131.9 99.6 185.0

98 62.7 46.5 86.5





#22

2-Butanone

Concen: 4.970 ug/L

RT: 7.185 min Scan# 869

Delta R.T. 0.012 min

Lab File: VW030022.D

Acq: 26 Aug 2024 11:38

Instrument :

MSVOA_W

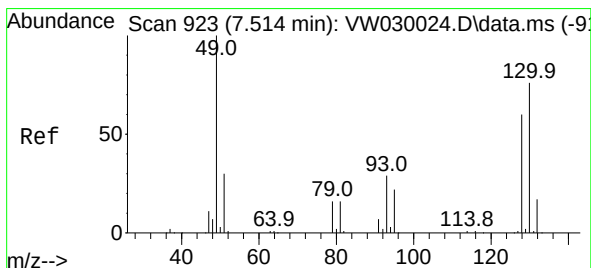
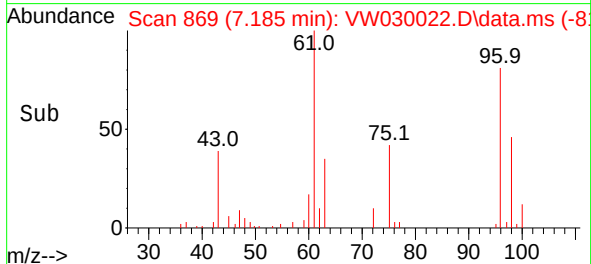
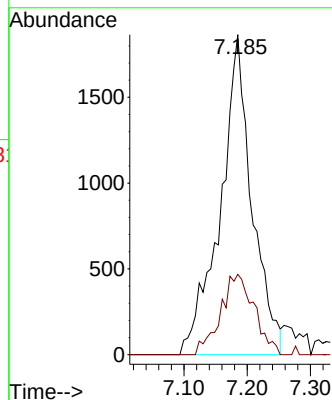
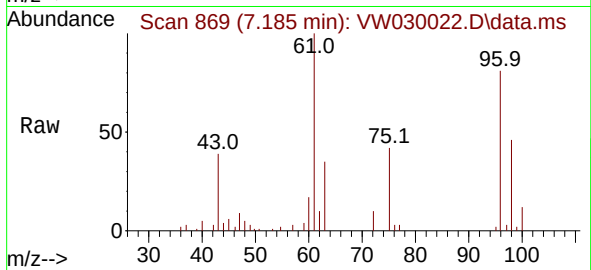
ClientSampleId :

Tgt Ion: 43 Resp: 6491

Ion Ratio Lower Upper

43 100

72 12.1 15.0 45.1#



#23

Bromochloromethane

Concen: 2.218 ug/L

RT: 7.520 min Scan# 924

Delta R.T. 0.006 min

Lab File: VW030022.D

Acq: 26 Aug 2024 11:38

Tgt Ion: 128 Resp: 5052

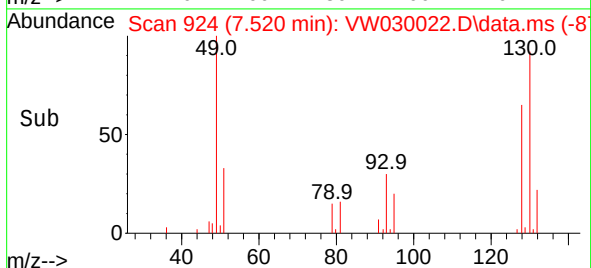
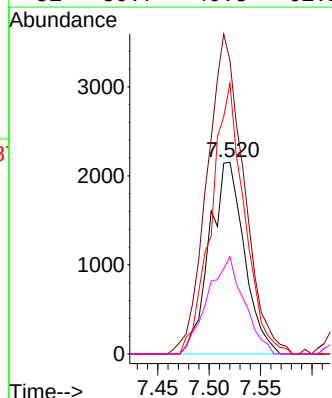
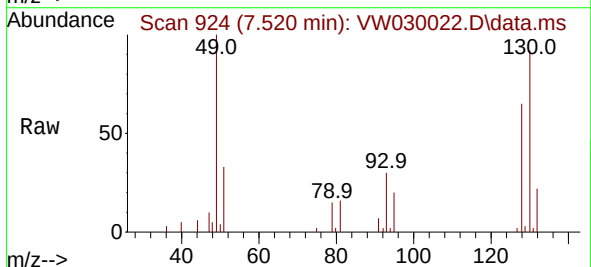
Ion Ratio Lower Upper

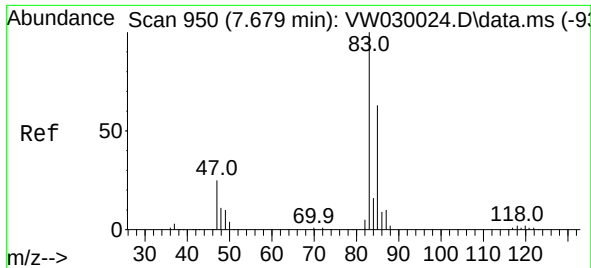
128 100

49 152.9 117.3 217.9

130 141.0 89.3 165.9

51 50.7 40.8 61.2

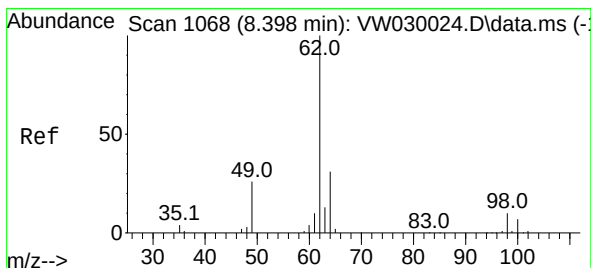
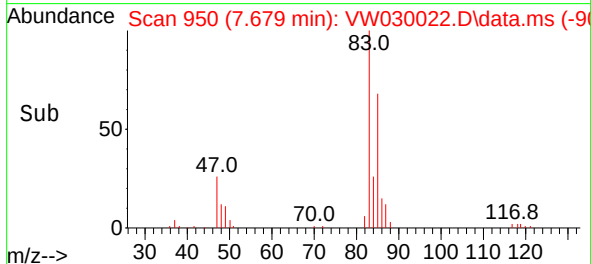
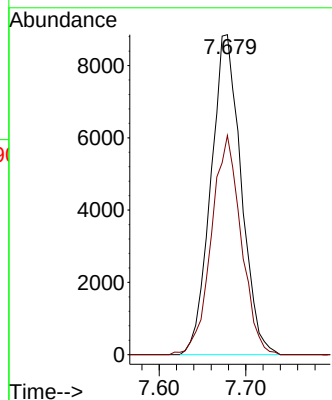
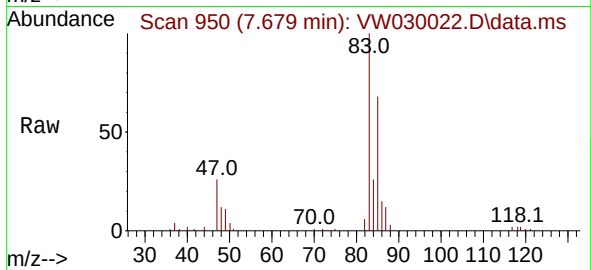




#25
Chloroform
Concen: 2.326 ug/L
RT: 7.679 min Scan# 950
Delta R.T. 0.000 min
Lab File: VW030022.D
Acq: 26 Aug 2024 11:38

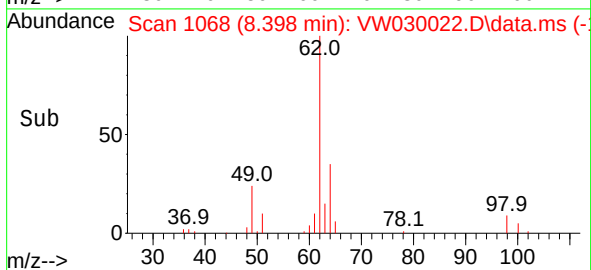
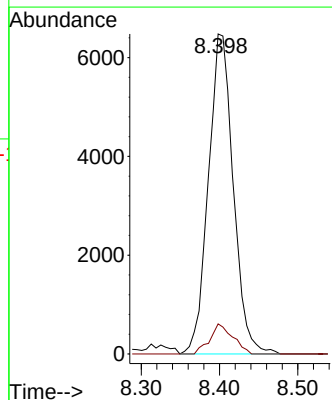
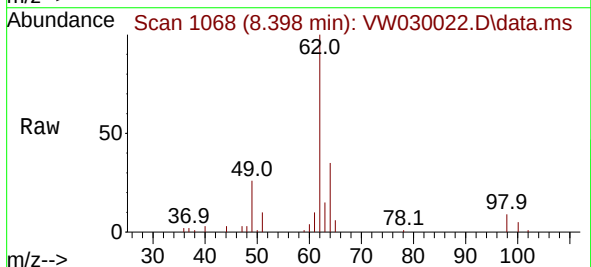
Instrument :
MSVOA_W
ClientSampleId :

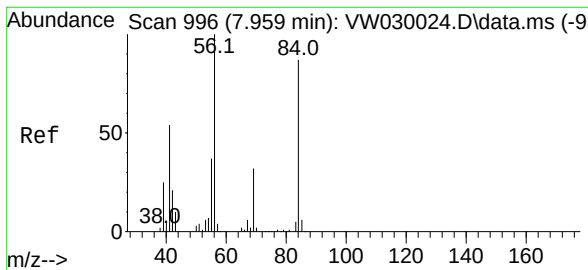
Tgt Ion: 83 Resp: 21481
Ion Ratio Lower Upper
83 100
85 68.5 44.4 82.4



#27
1,2-Dichloroethane
Concen: 2.422 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW030022.D
Acq: 26 Aug 2024 11:38

Tgt Ion: 62 Resp: 14317
Ion Ratio Lower Upper
62 100
98 9.4 7.7 11.5





#29

Cyclohexane

Concen: 2.173 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

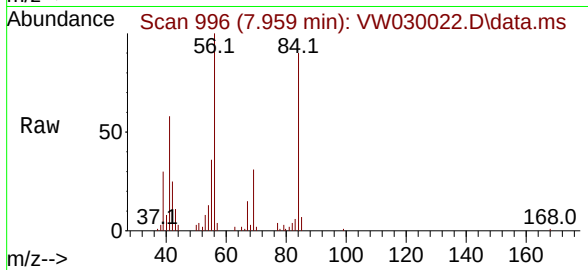
Lab File: VW030022.D

Acq: 26 Aug 2024 11:38

Instrument :

MSVOA_W

ClientSampleId :



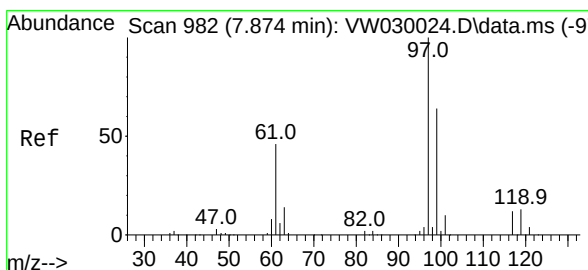
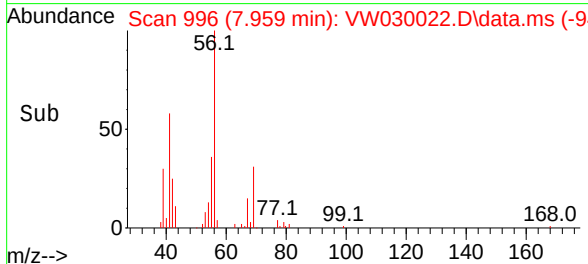
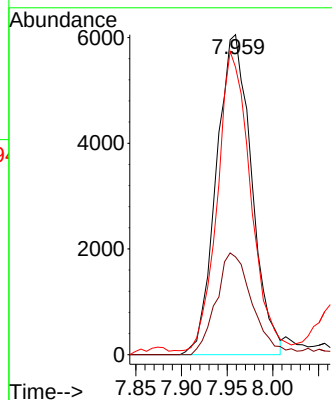
Tgt Ion: 56 Resp: 16222

Ion Ratio Lower Upper

56 100

69 32.6 24.4 36.6

84 91.0 68.1 102.1



#30

1,1,1-Trichloroethane

Concen: 2.251 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW030022.D

Acq: 26 Aug 2024 11:38

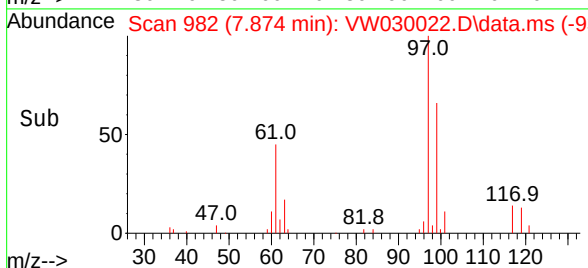
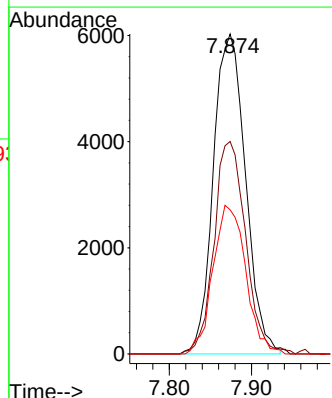
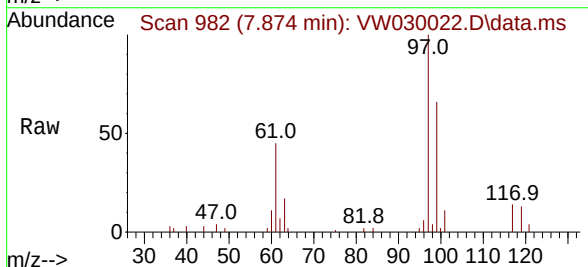
Tgt Ion: 97 Resp: 16400

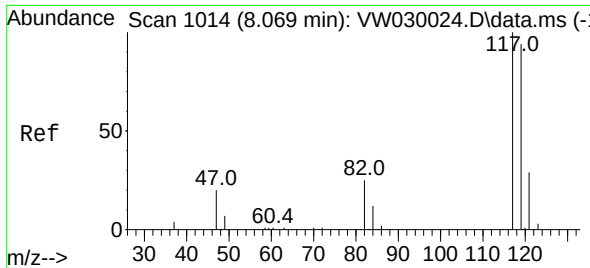
Ion Ratio Lower Upper

97 100

99 65.2 51.7 77.5

61 47.2 37.2 55.8

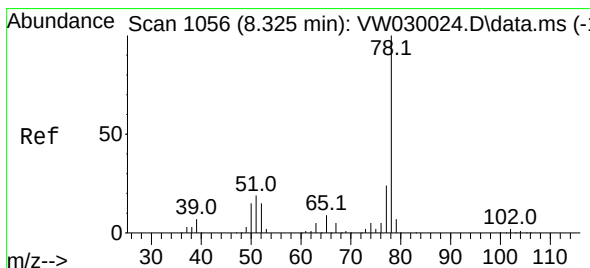
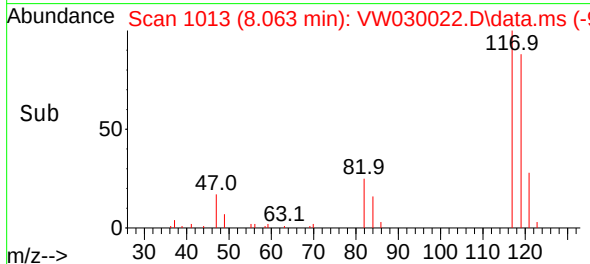
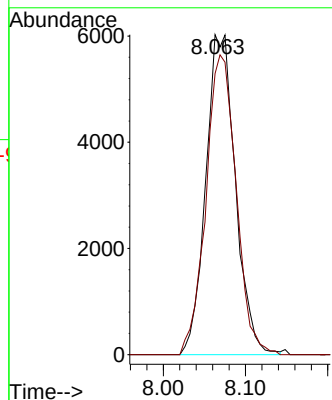
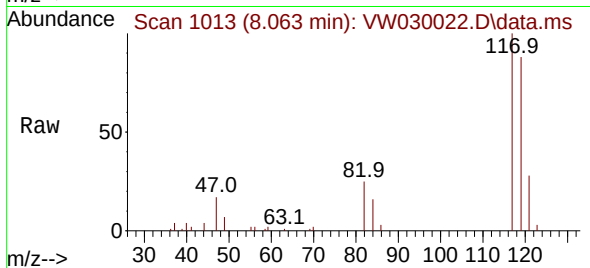




#31
Carbon tetrachloride
Concen: 2.311 ug/L
RT: 8.063 min Scan# 1013
Delta R.T. -0.006 min
Lab File: VW030022.D
Acq: 26 Aug 2024 11:38

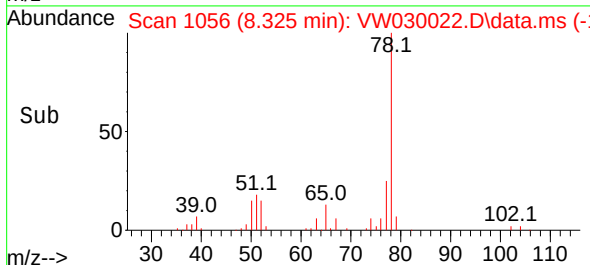
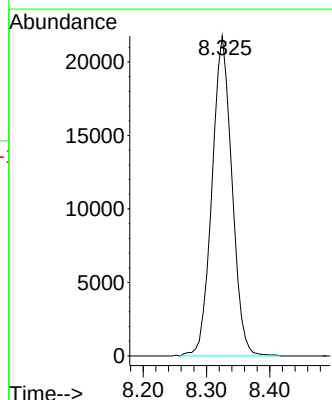
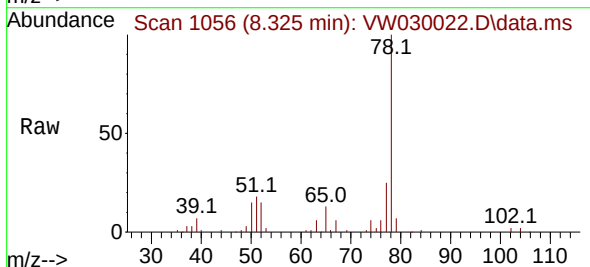
Instrument :
MSVOA_W
ClientSampleId :

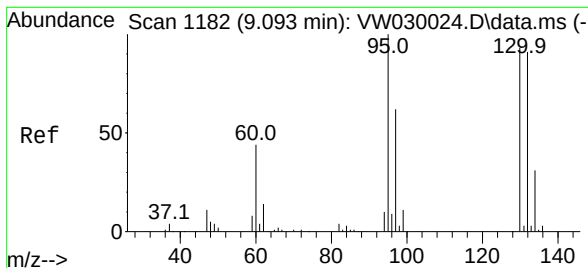
Tgt Ion:117 Resp: 15131
Ion Ratio Lower Upper
117 100
119 95.4 77.7 116.5



#33
Benzene
Concen: 2.392 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW030022.D
Acq: 26 Aug 2024 11:38

Tgt Ion: 78 Resp: 47688





#34

Trichloroethene

Concen: 2.444 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

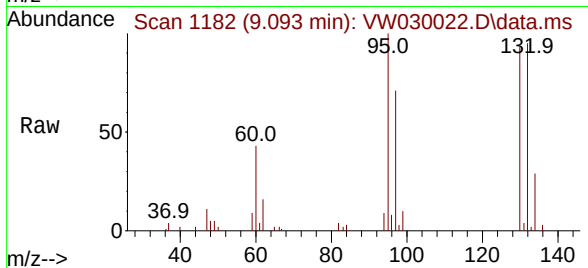
Lab File: VW030022.D

Acq: 26 Aug 2024 11:38

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 13119

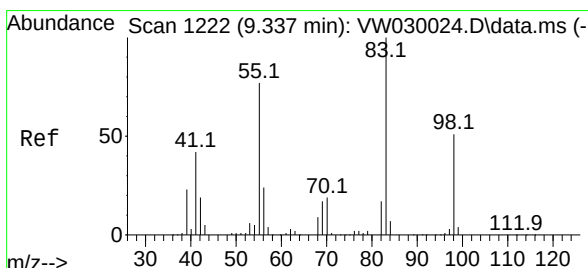
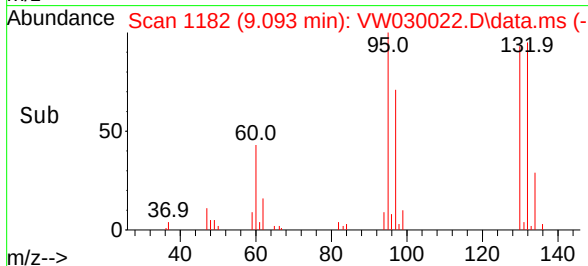
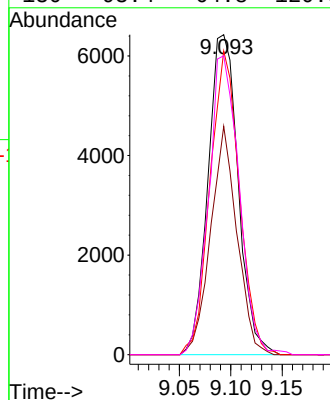
Ion Ratio Lower Upper

95 100

97 71.3 43.3 80.5

132 94.9 63.6 118.0

130 93.4 64.8 120.3



#35

Methylcyclohexane

Concen: 2.206 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW030022.D

Acq: 26 Aug 2024 11:38

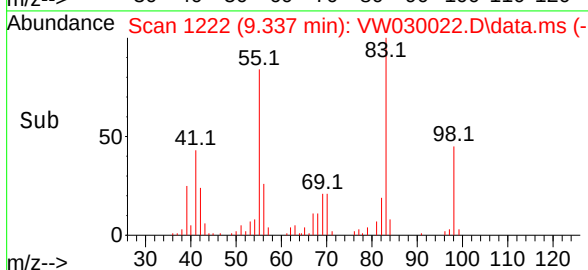
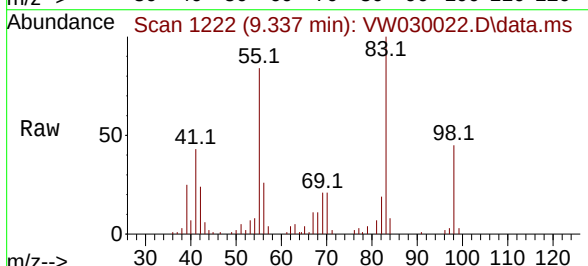
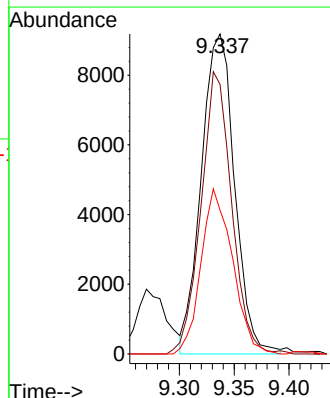
Tgt Ion: 83 Resp: 19392

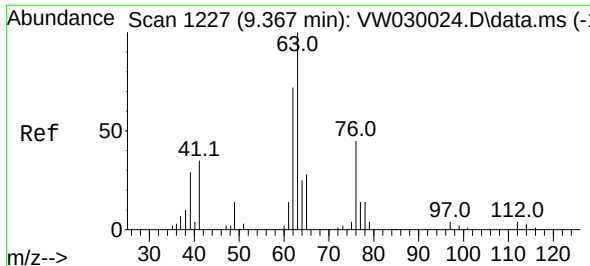
Ion Ratio Lower Upper

83 100

55 81.0 59.0 88.6

98 48.9 38.2 57.4





#37

1,2-Dichloropropane

Concen: 2.333 ug/L

RT: 9.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW030022.D

Acq: 26 Aug 2024 11:38

Instrument :

MSVOA_W

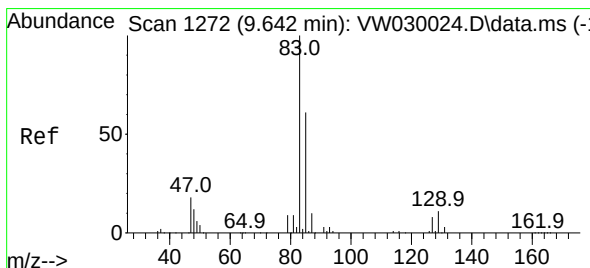
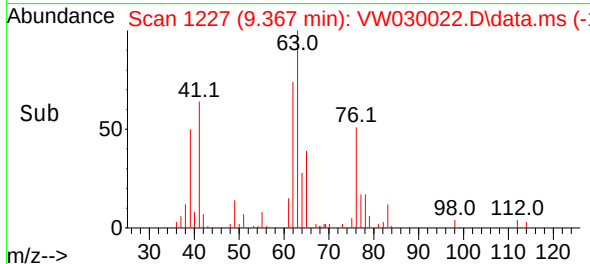
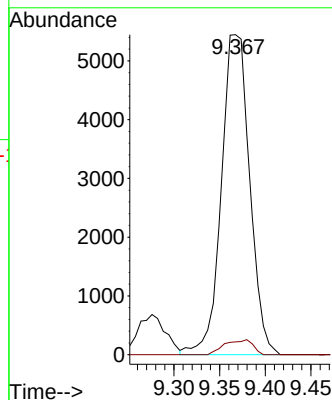
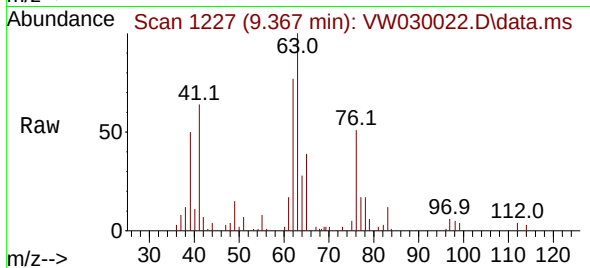
ClientSampleId :

Tgt Ion: 63 Resp: 11774

Ion Ratio Lower Upper

63 100

112 4.6 3.7 5.5



#38

Bromodichloromethane

Concen: 2.238 ug/L

RT: 9.648 min Scan# 1273

Delta R.T. 0.006 min

Lab File: VW030022.D

Acq: 26 Aug 2024 11:38

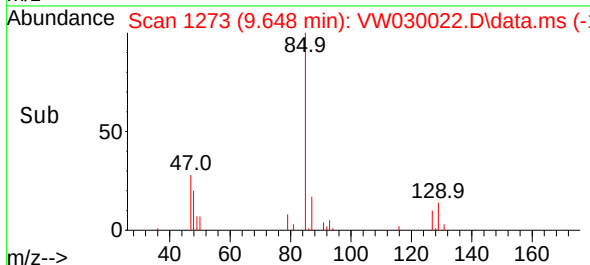
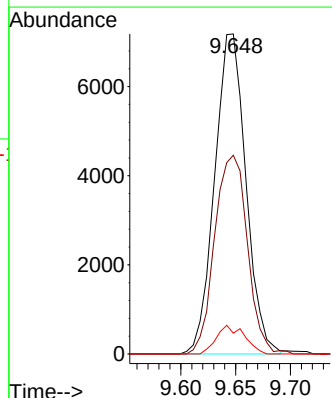
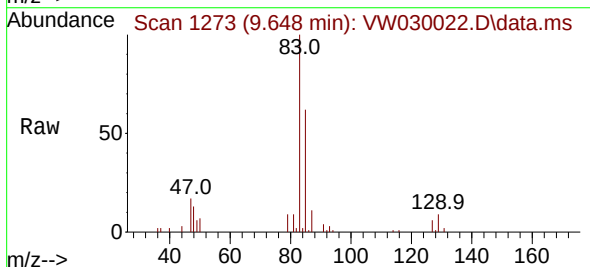
Tgt Ion: 83 Resp: 14250

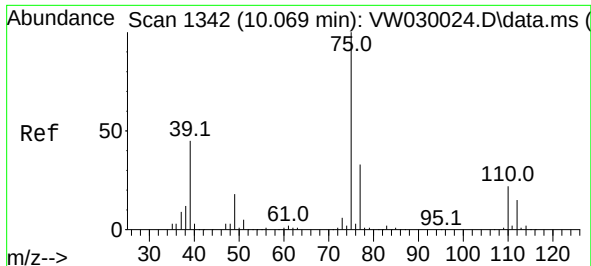
Ion Ratio Lower Upper

83 100

85 62.1 42.9 79.7

127 6.5 6.6 9.8#





#39

cis-1,3-Dichloropropene

Concen: 2.194 ug/L

RT: 10.075 min Scan# 1343

Delta R.T. 0.006 min

Lab File: VW030022.D

Acq: 26 Aug 2024 11:38

Instrument :

MSVOA_W

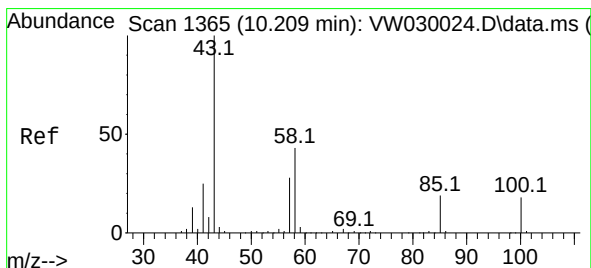
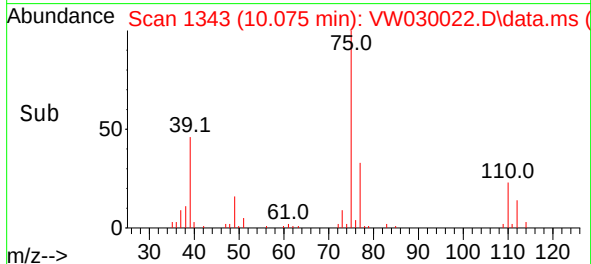
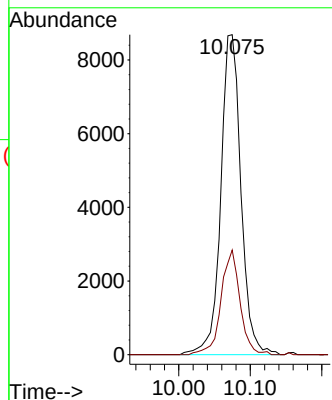
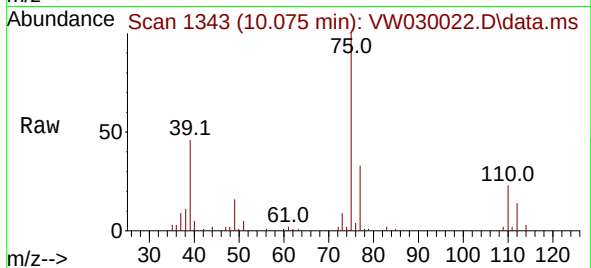
ClientSampleId :

Tgt Ion: 75 Resp: 17045

Ion Ratio Lower Upper

75 100

77 32.7 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 4.245 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW030022.D

Acq: 26 Aug 2024 11:38

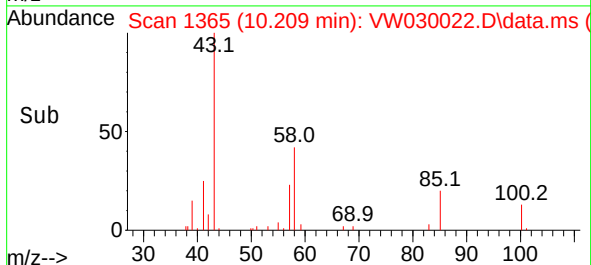
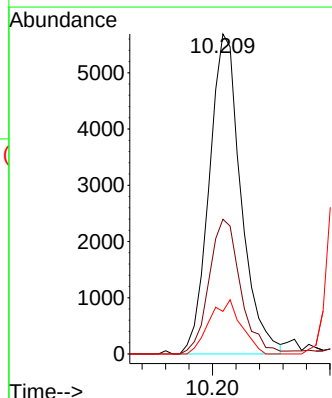
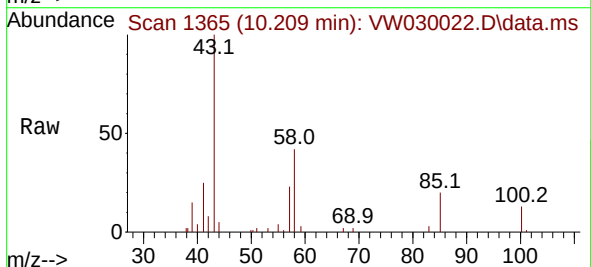
Tgt Ion: 43 Resp: 10665

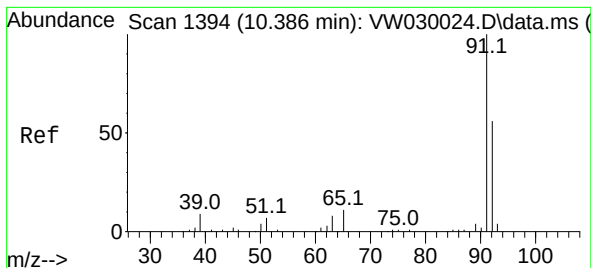
Ion Ratio Lower Upper

43 100

58 41.7 34.0 51.0

100 16.8 13.5 20.3





#42

Toluene

Concen: 2.269 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW030022.D

Acq: 26 Aug 2024 11:38

Instrument :

MSVOA_W

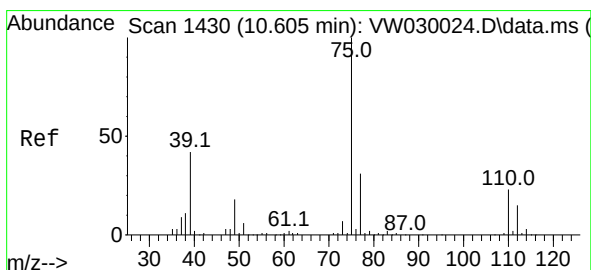
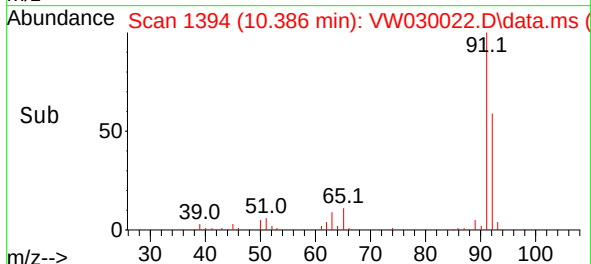
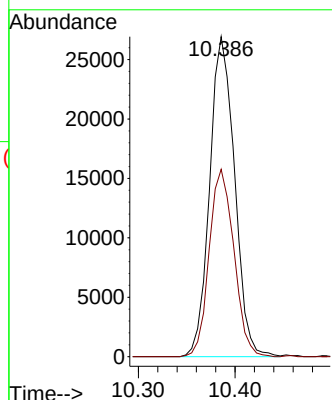
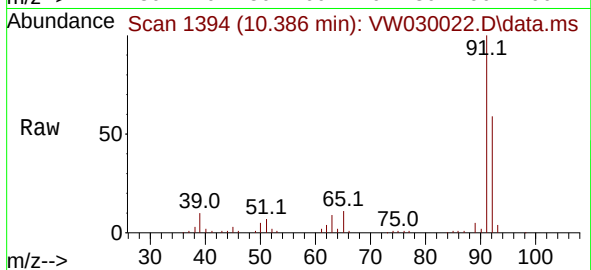
ClientSampleId :

Tgt Ion: 91 Resp: 48170

Ion Ratio Lower Upper

91 100

92 58.6 39.5 73.4



#44

trans-1,3-Dichloropropene

Concen: 2.114 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW030022.D

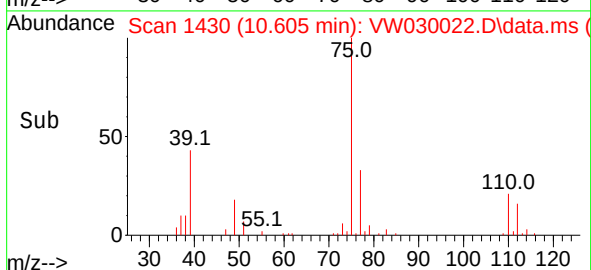
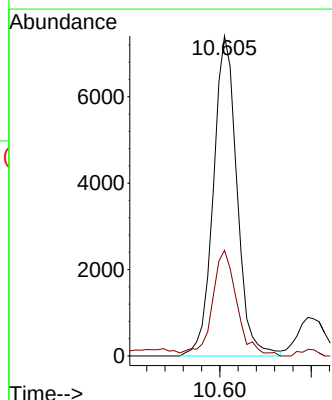
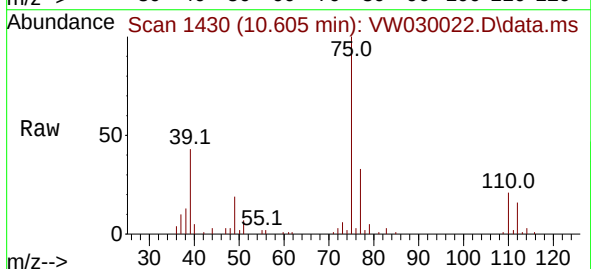
Acq: 26 Aug 2024 11:38

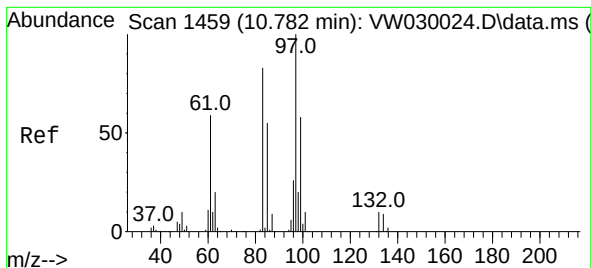
Tgt Ion: 75 Resp: 13290

Ion Ratio Lower Upper

75 100

77 33.0 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 2.390 ug/L

RT: 10.788 min Scan# 1459

Delta R.T. 0.006 min

Lab File: VW030022.D

Acq: 26 Aug 2024 11:38

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 8842

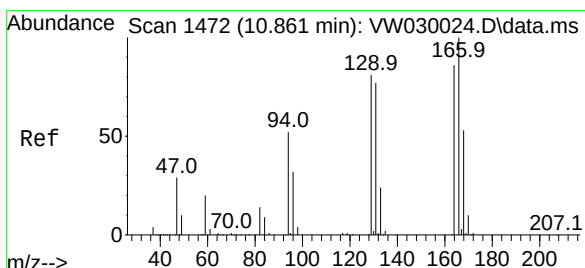
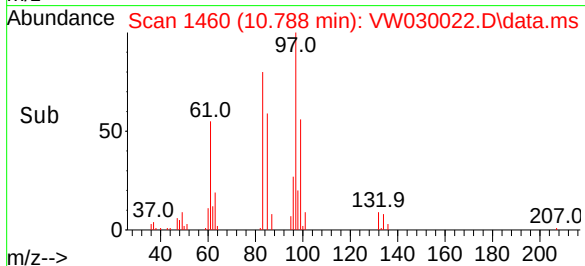
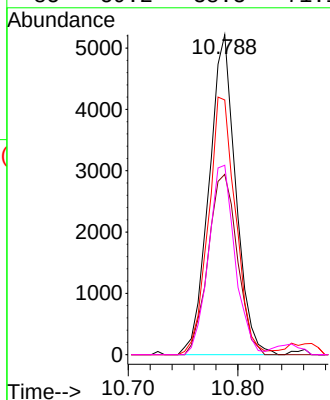
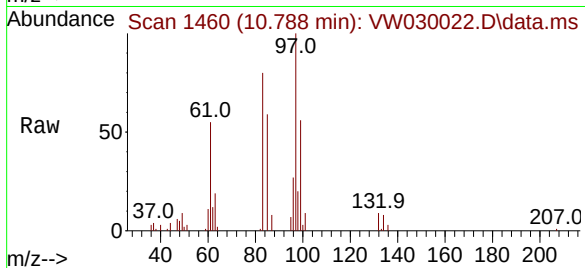
Ion Ratio Lower Upper

97 100

99 56.3 40.3 74.8

83 79.6 58.0 107.6

85 59.2 38.3 71.1



#46

Tetrachloroethene

Concen: 2.397 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW030022.D

Acq: 26 Aug 2024 11:38

Tgt Ion:164 Resp: 9763

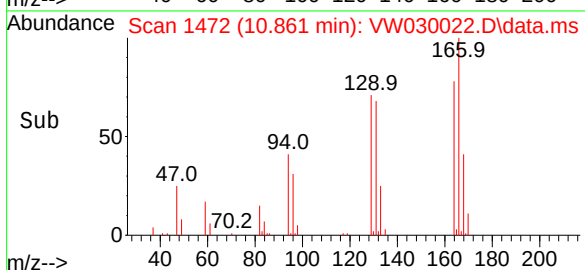
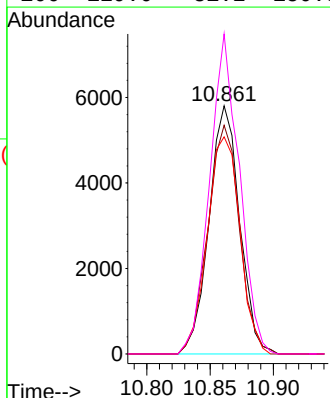
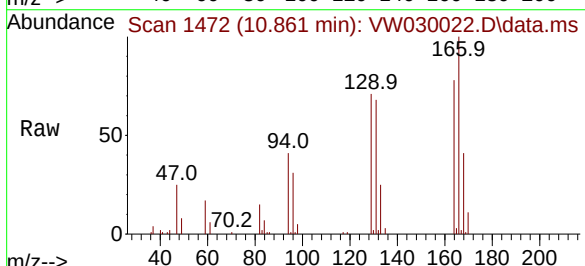
Ion Ratio Lower Upper

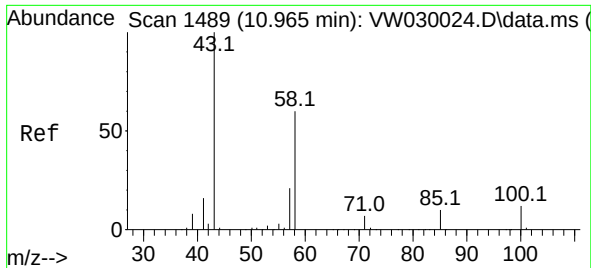
164 100

129 92.2 66.1 122.7

131 87.5 62.6 116.2

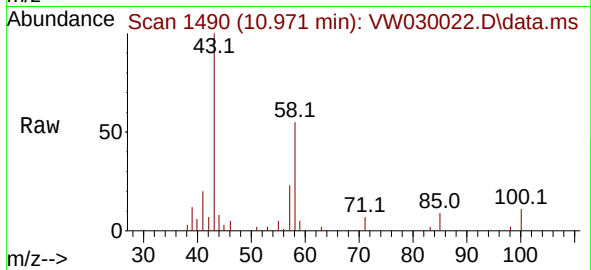
166 129.0 81.2 150.8



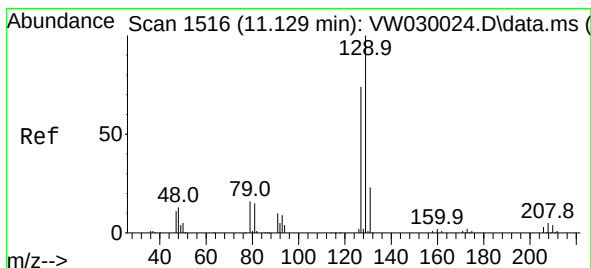
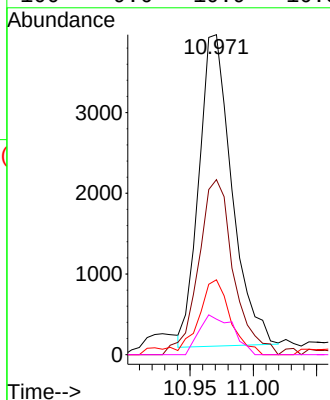
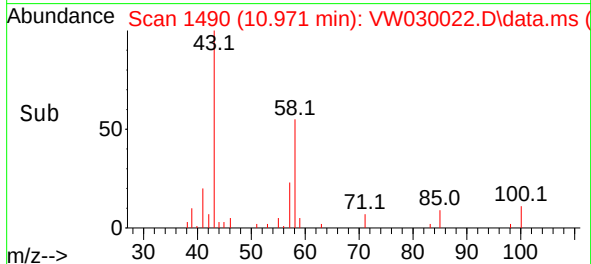


#48
2-Hexanone
Concen: 3.920 ug/L
RT: 10.971 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VW030022.D
Acq: 26 Aug 2024 11:38

Instrument :
MSVOA_W
ClientSampleId :

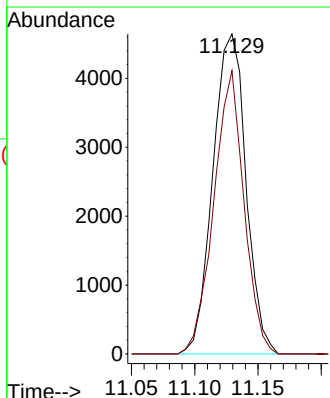
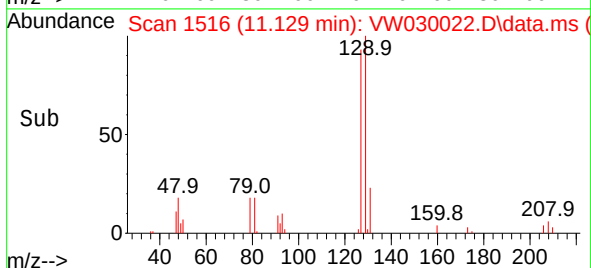
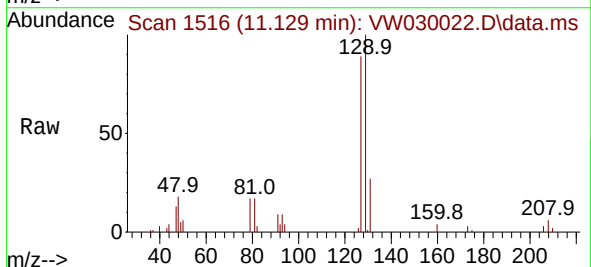


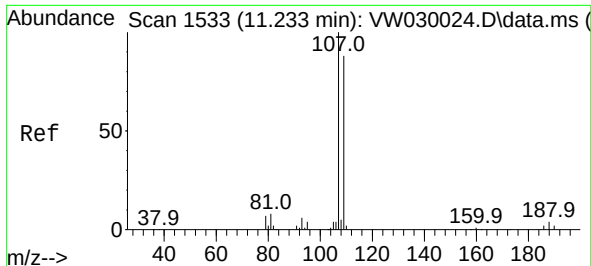
Tgt Ion: 43	Resp: 7001
Ion Ratio	Lower Upper
43 100	
58 59.5	50.0 75.0
57 22.6	17.3 25.9
100 9.6	10.9 16.3#



#49
Dibromochloromethane
Concen: 2.152 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW030022.D
Acq: 26 Aug 2024 11:38

Tgt Ion:129	Resp:	8460	
Ion	Ratio	Lower	Upper
129	100		
127	88.5	51.8	96.2





#50

1,2-Dibromoethane

Concen: 2.191 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW030022.D

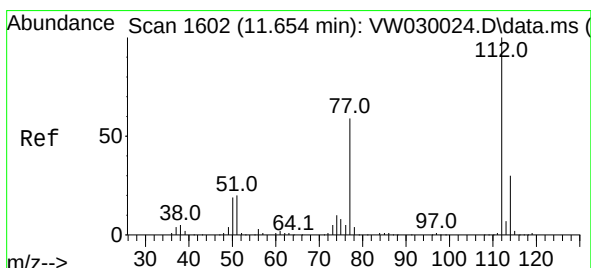
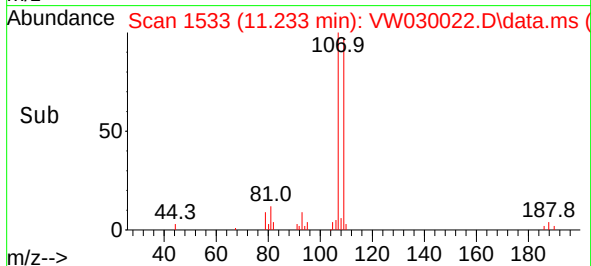
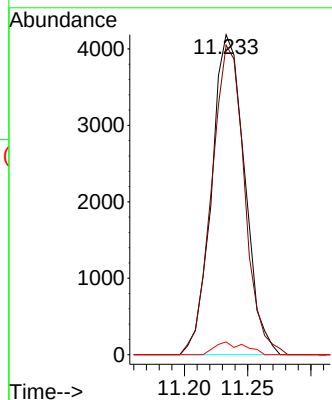
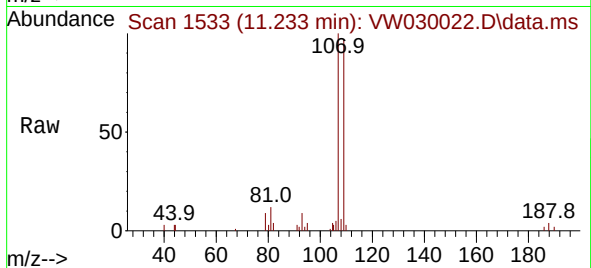
Acq: 26 Aug 2024 11:38

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	7572
Ion	Ratio	Lower	Upper
107	100		
109	96.7	61.7	114.5
188	4.0	3.1	4.7



#51

Chlorobenzene

Concen: 2.334 ug/L

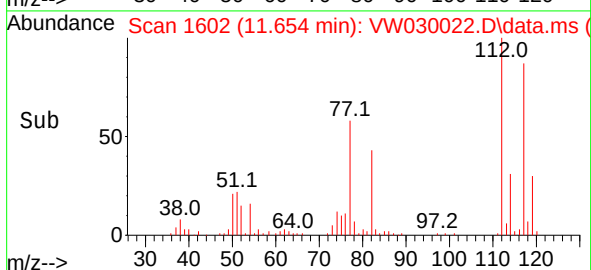
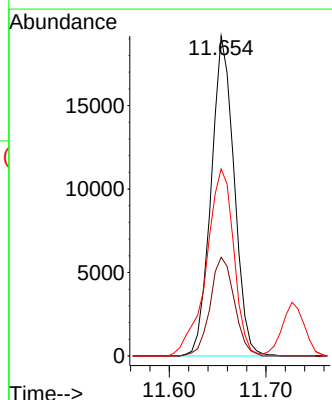
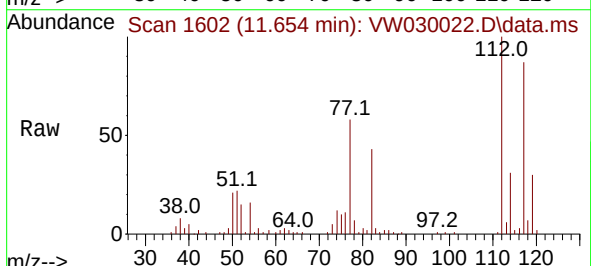
RT: 11.654 min Scan# 1602

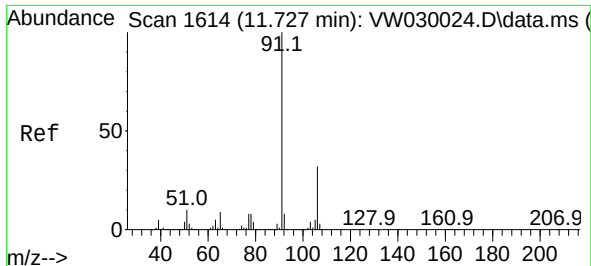
Delta R.T. 0.000 min

Lab File: VW030022.D

Acq: 26 Aug 2024 11:38

Tgt Ion:	112	Resp:	31677
Ion	Ratio	Lower	Upper
112	100		
114	30.8	20.9	38.9
77	58.5	47.1	70.7





#52

Ethylbenzene

Concen: 2.289 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030022.D

Acq: 26 Aug 2024 11:38

Instrument :

MSVOA_W

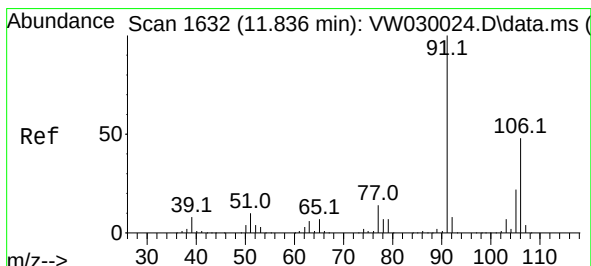
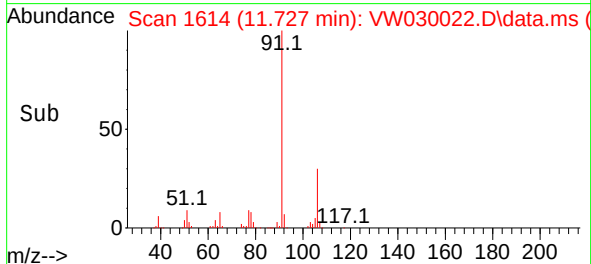
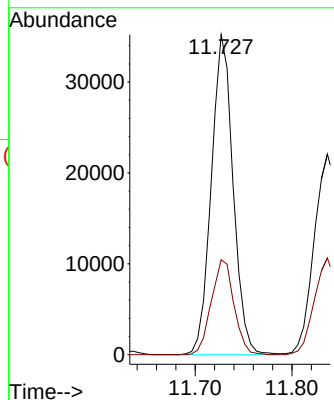
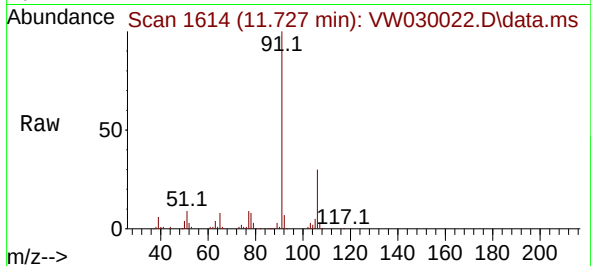
ClientSampleId :

Tgt Ion: 91 Resp: 55059

Ion Ratio Lower Upper

91 100

106 29.7 22.0 41.0



#53

m,p-Xylene

Concen: 2.224 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW030022.D

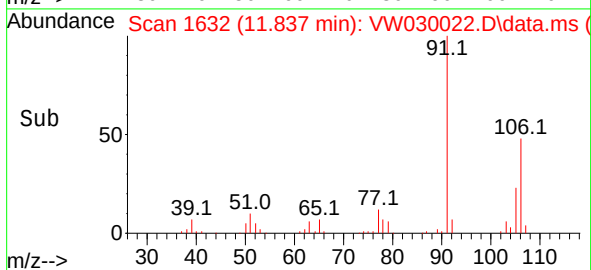
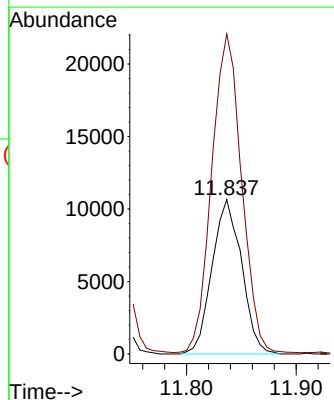
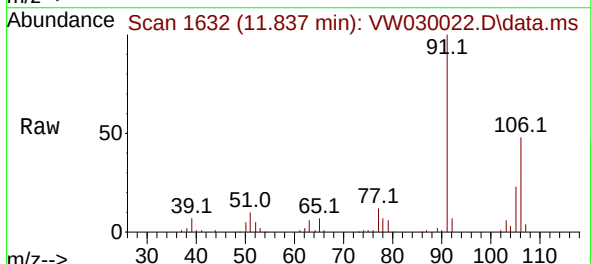
Acq: 26 Aug 2024 11:38

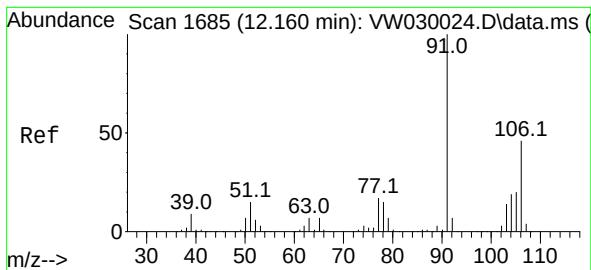
Tgt Ion:106 Resp: 19965

Ion Ratio Lower Upper

106 100

91 207.3 146.7 272.4





#54

o-Xylene

Concen: 2.210 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW030022.D

Acq: 26 Aug 2024 11:38

Instrument :

MSVOA_W

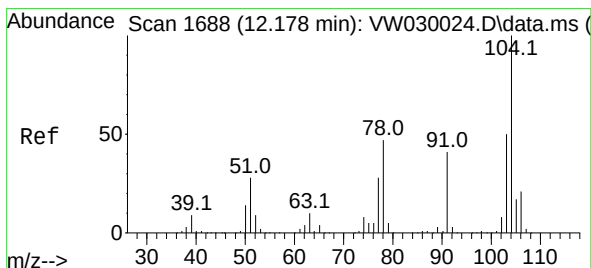
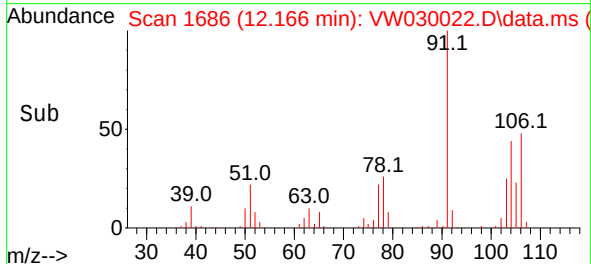
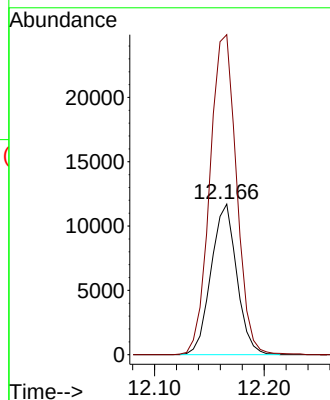
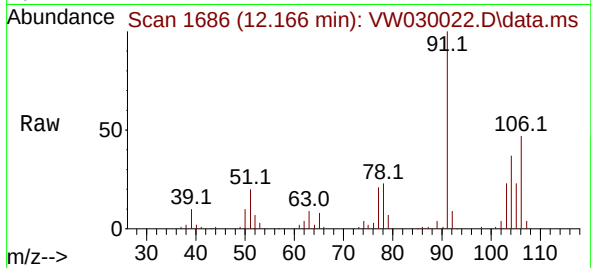
ClientSampleId :

Tgt Ion:106 Resp: 19039

Ion Ratio Lower Upper

106 100

91 212.6 153.9 285.7



#55

Styrene

Concen: 2.172 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW030022.D

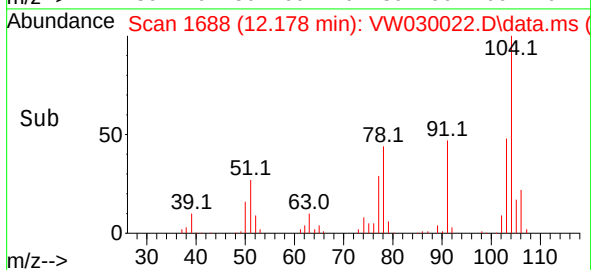
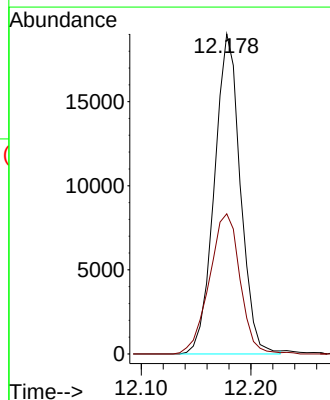
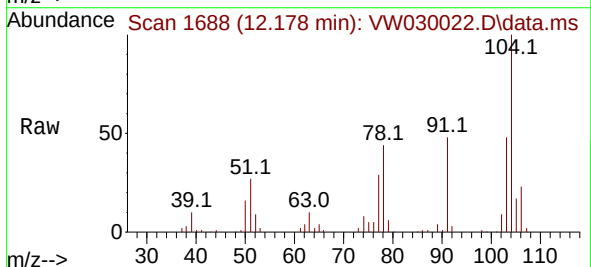
Acq: 26 Aug 2024 11:38

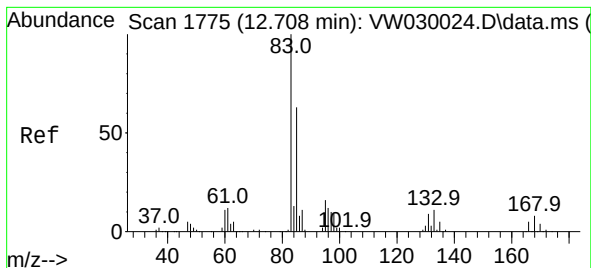
Tgt Ion:104 Resp: 31351

Ion Ratio Lower Upper

104 100

78 43.8 32.8 60.8





#57

1,1,2,2-Tetrachloroethane

Concen: 2.398 ug/L

RT: 12.714 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW030022.D

Acq: 26 Aug 2024 11:38

Instrument :

MSVOA_W

ClientSampleId :

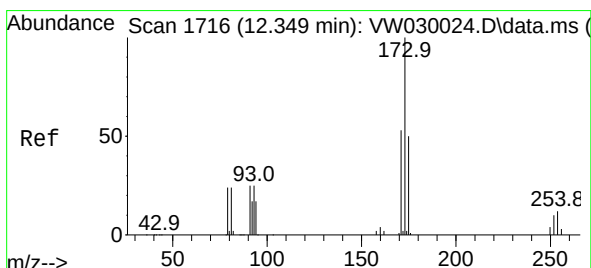
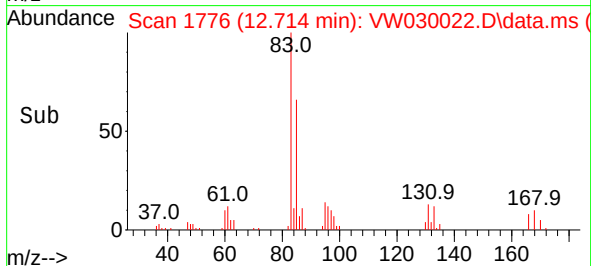
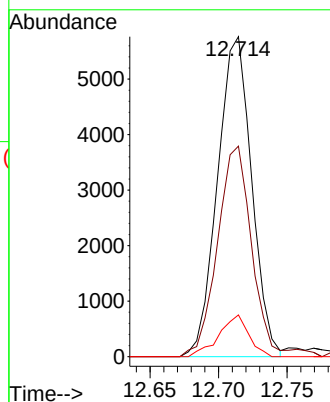
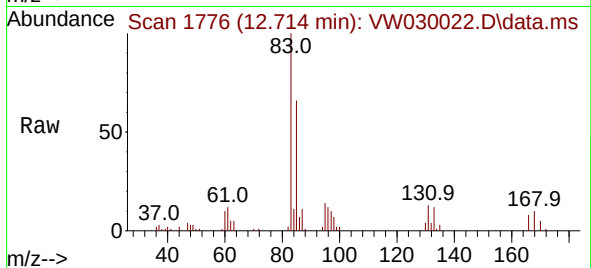
Tgt Ion: 83 Resp: 9990

Ion Ratio Lower Upper

83 100

85 65.8 44.0 81.8

131 13.0 7.3 10.9#



#59

Bromoform

Concen: 2.089 ug/L

RT: 12.343 min Scan# 1715

Delta R.T. -0.006 min

Lab File: VW030022.D

Acq: 26 Aug 2024 11:38

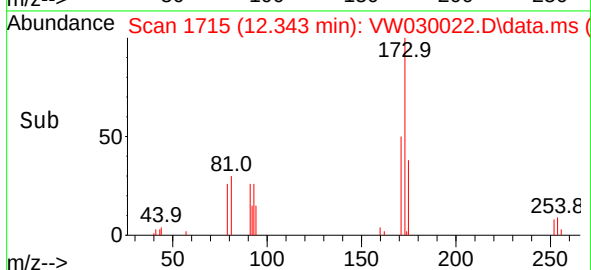
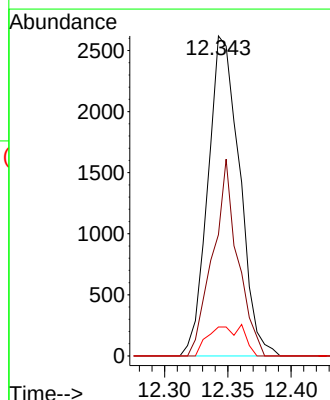
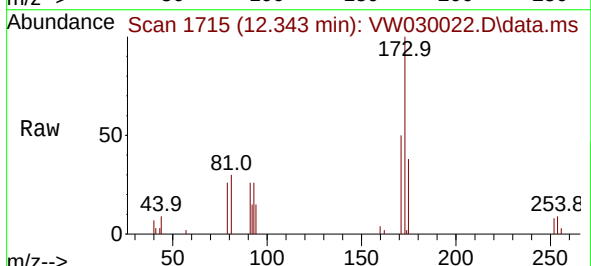
Tgt Ion: 173 Resp: 4547

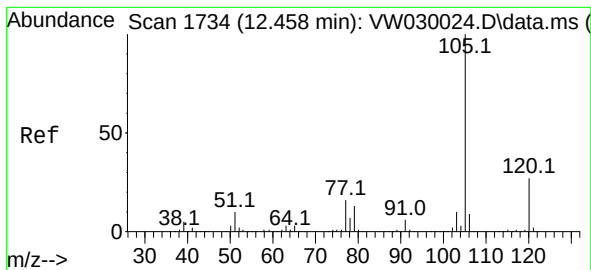
Ion Ratio Lower Upper

173 100

175 48.5 41.4 62.2

254 7.7 8.6 13.0#





#60

Isopropylbenzene

Concen: 2.229 ug/L

RT: 12.458 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030022.D

Acq: 26 Aug 2024 11:38

Instrument :

MSVOA_W

ClientSampleId :

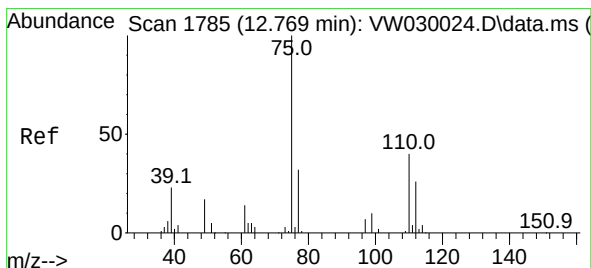
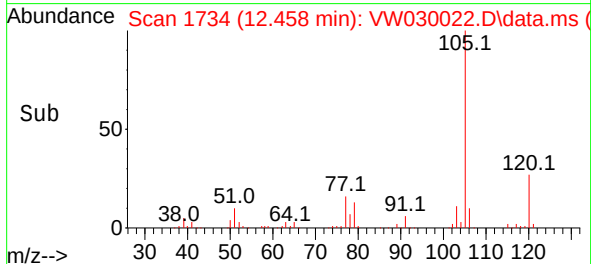
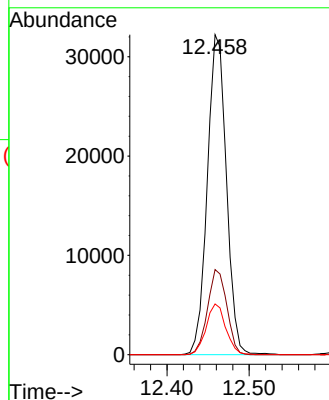
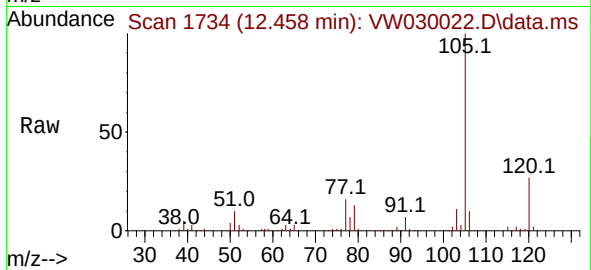
Tgt Ion:105 Resp: 51974

Ion Ratio Lower Upper

105 100

120 26.8 20.6 30.8

77 16.3 12.6 18.8



#61

1,2,3-Trichloropropane

Concen: 2.331 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.006 min

Lab File: VW030022.D

Acq: 26 Aug 2024 11:38

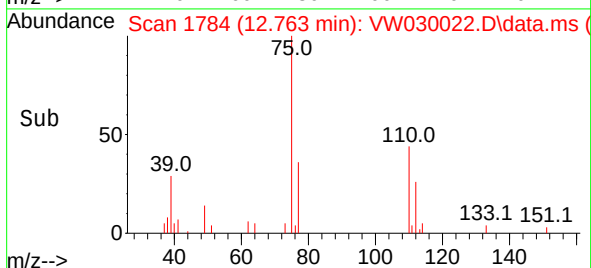
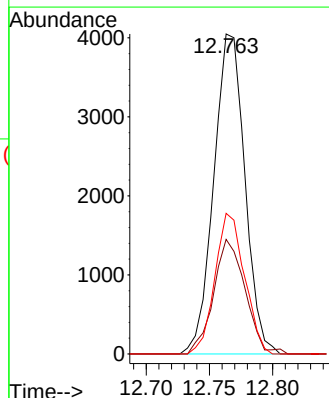
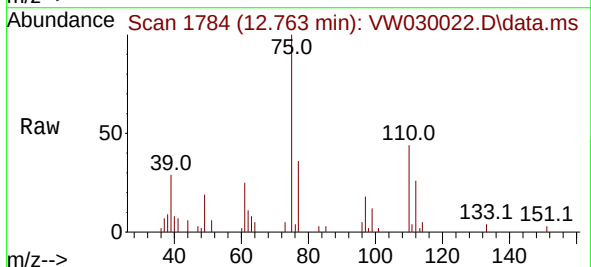
Tgt Ion: 75 Resp: 6928

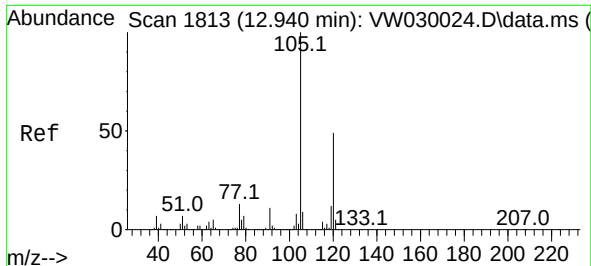
Ion Ratio Lower Upper

75 100

77 35.7 26.0 39.0

110 41.8 31.0 46.4





#62

1,3,5-Trimethylbenzene

Concen: 1.934 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW030022.D

Acq: 26 Aug 2024 11:38

Instrument :

MSVOA_W

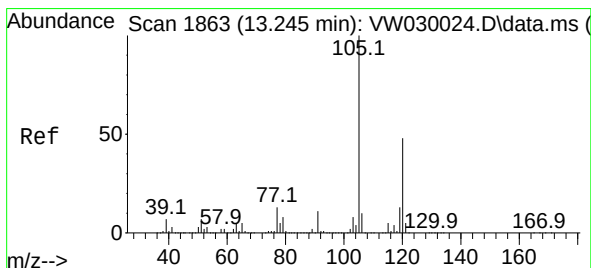
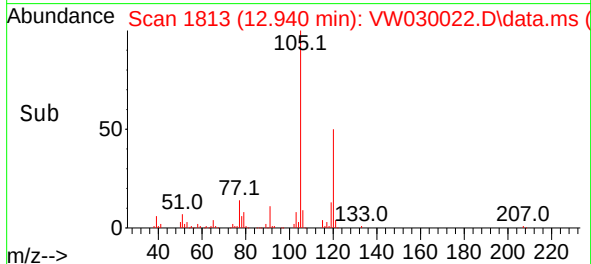
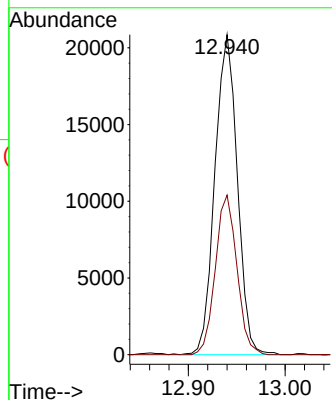
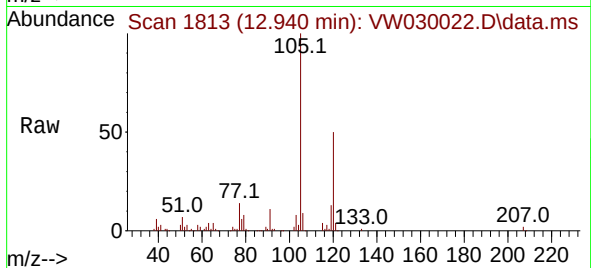
ClientSampleId :

Tgt Ion:105 Resp: 33527

Ion Ratio Lower Upper

105 100

120 47.9 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 2.214 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW030022.D

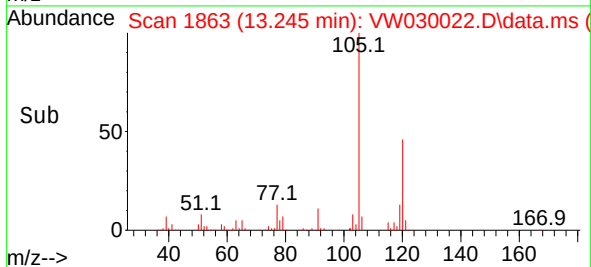
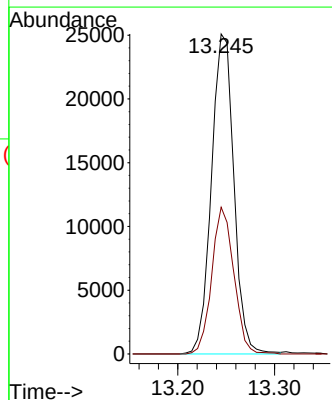
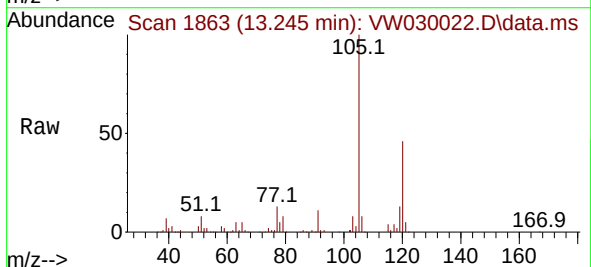
Acq: 26 Aug 2024 11:38

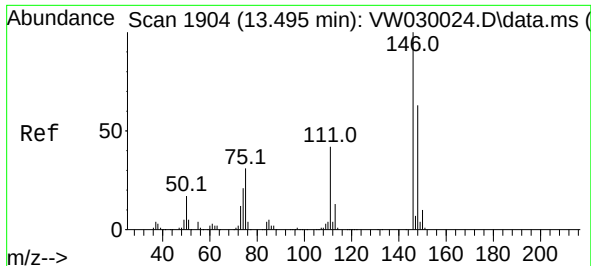
Tgt Ion:105 Resp: 40451

Ion Ratio Lower Upper

105 100

120 44.9 36.3 54.5





#64

1,3-Dichlorobenzene

Concen: 2.275 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW030022.D

Acq: 26 Aug 2024 11:38

Instrument :

MSVOA_W

ClientSampleId :

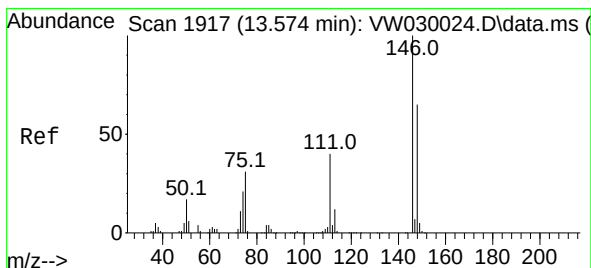
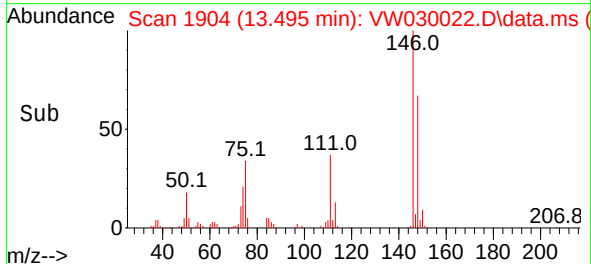
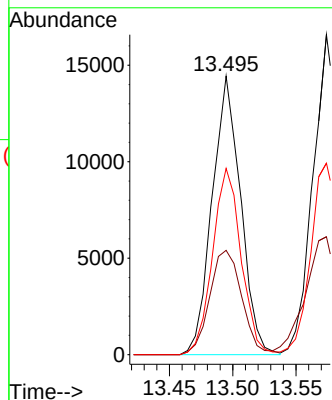
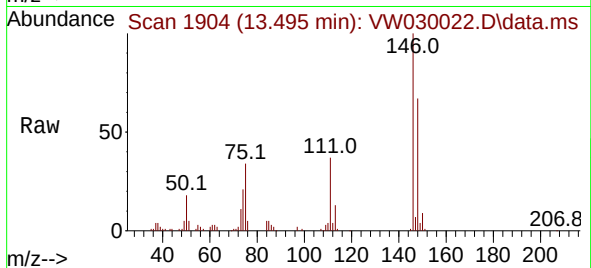
Tgt Ion:146 Resp: 22610

Ion Ratio Lower Upper

146 100

111 37.5 29.1 54.1

148 66.8 43.9 81.5



#65

1,4-Dichlorobenzene

Concen: 2.431 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW030022.D

Acq: 26 Aug 2024 11:38

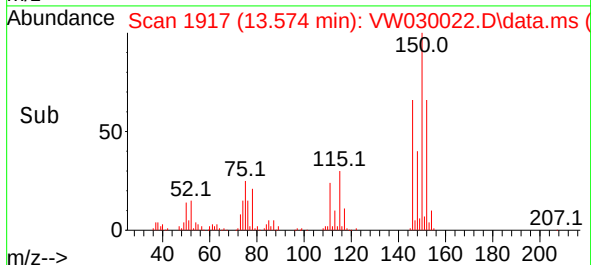
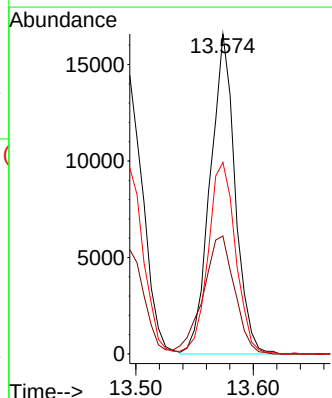
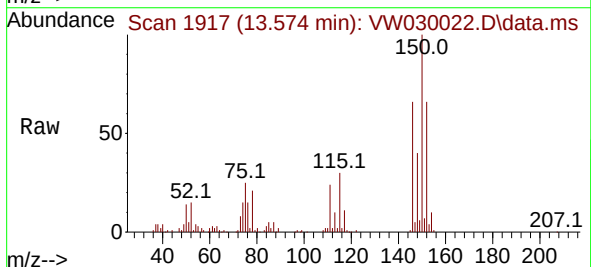
Tgt Ion:146 Resp: 24406

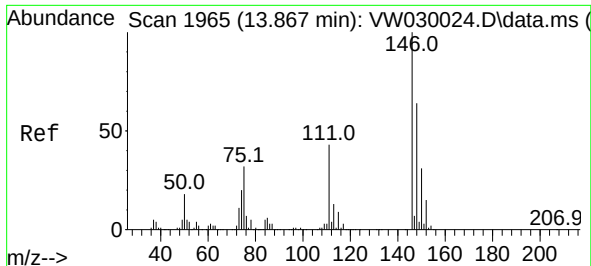
Ion Ratio Lower Upper

146 100

111 36.9 28.2 52.4

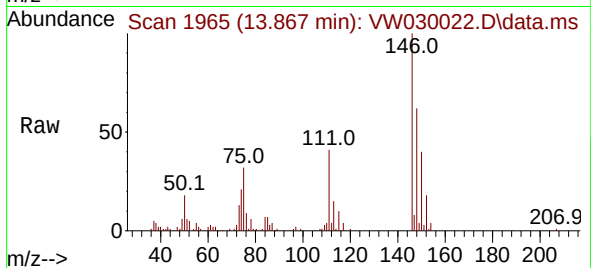
148 59.8 45.8 85.2



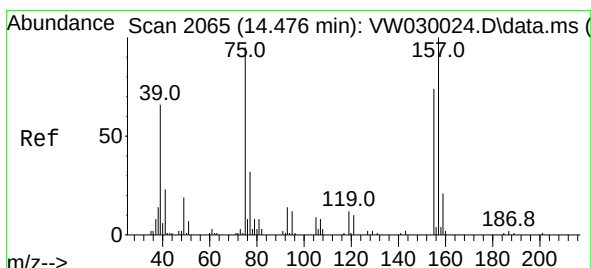
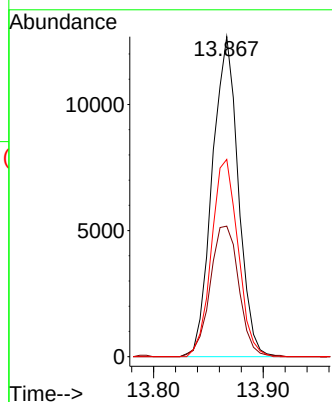
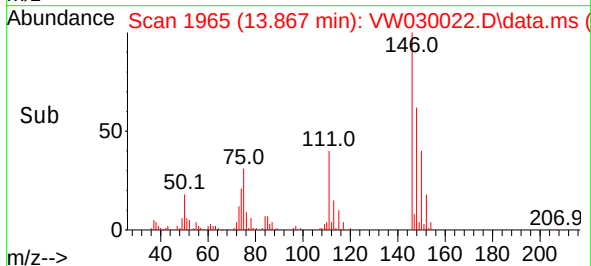


#67
1,2-Dichlorobenzene
Concen: 2.355 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW030022.D
Acq: 26 Aug 2024 11:38

Instrument :
MSVOA_W
ClientSampleId :

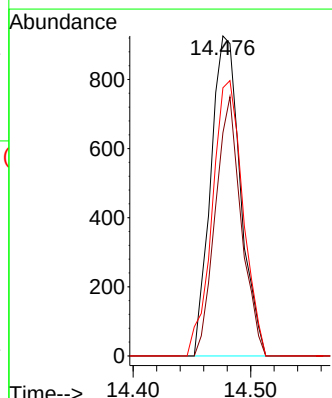
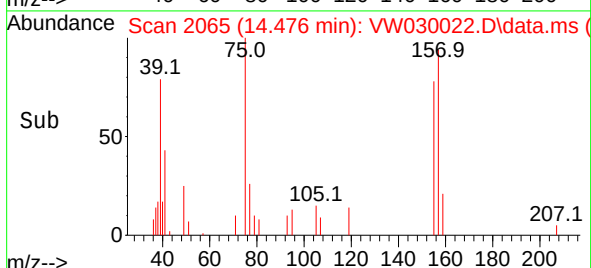
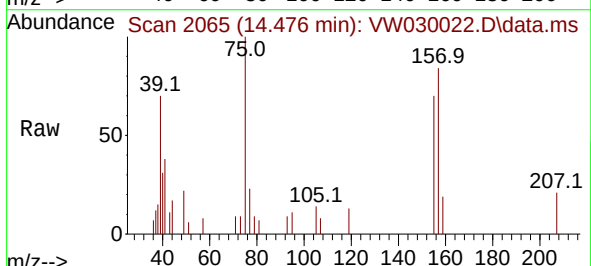


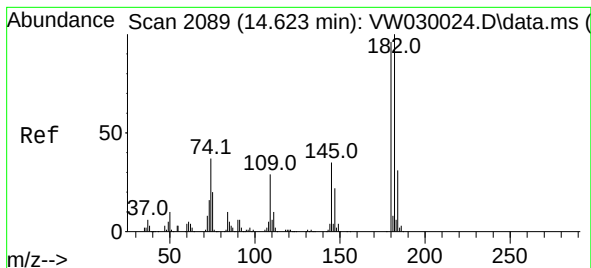
Tgt Ion:146 Resp: 20941
Ion Ratio Lower Upper
146 100
111 40.8 34.7 52.1
148 61.6 51.4 77.0



#68
1,2-Dibromo-3-chloropropane
Concen: 2.548 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW030022.D
Acq: 26 Aug 2024 11:38

Tgt Ion: 75 Resp: 1621
Ion Ratio Lower Upper
75 100
155 69.8 62.8 94.2
157 83.8 84.3 126.5#





#69

1,3,5-Trichlorobenzene

Concen: 2.571 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW030022.D

Acq: 26 Aug 2024 11:38

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 16684

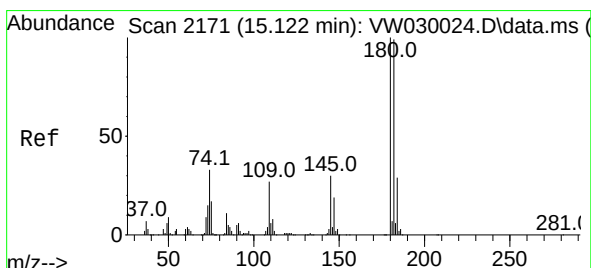
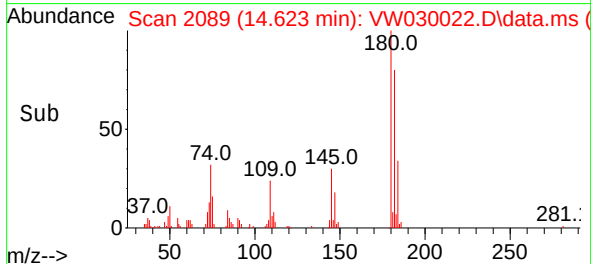
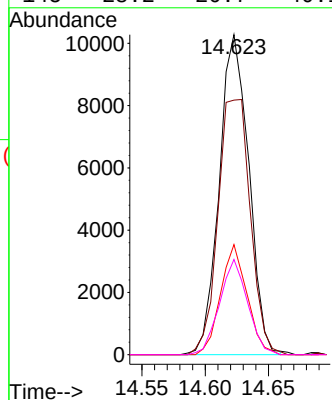
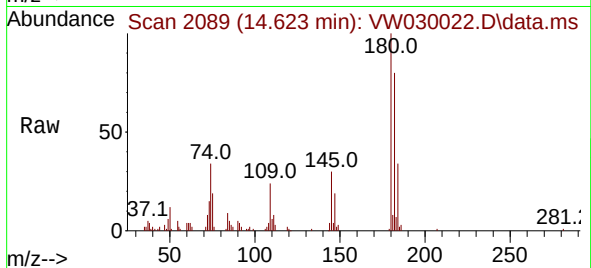
Ion Ratio Lower Upper

180 100

182 87.5 79.7 119.5

184 30.8 25.1 37.7

145 28.2 26.7 40.1



#70

1,2,4-trichlorobenzene

Concen: 2.394 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW030022.D

Acq: 26 Aug 2024 11:38

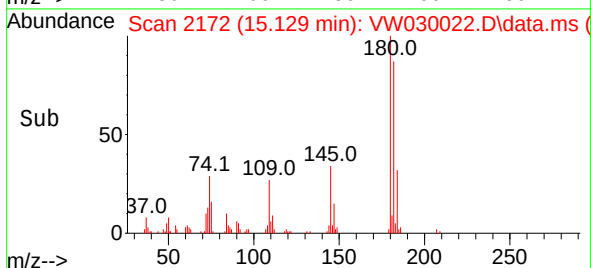
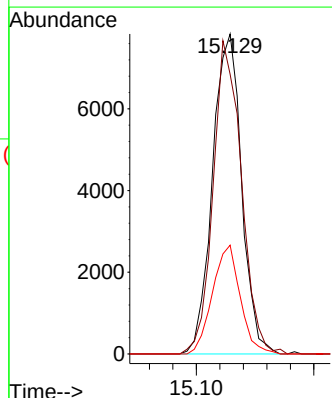
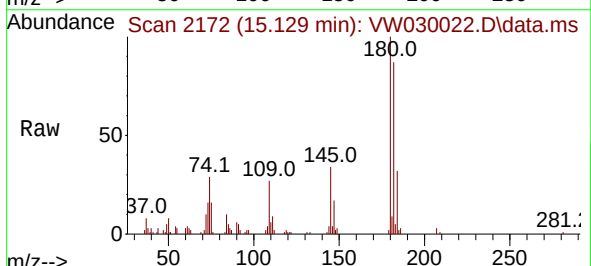
Tgt Ion:180 Resp: 13444

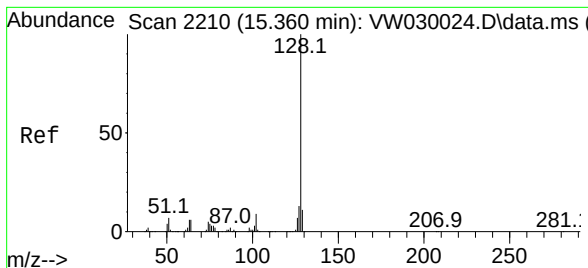
Ion Ratio Lower Upper

180 100

182 95.4 75.3 112.9

145 32.6 24.7 37.1





#71

Naphthalene

Concen: 2.199 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW030022.D

Acq: 26 Aug 2024 11:38

Instrument :

MSVOA_W

ClientSampleId :

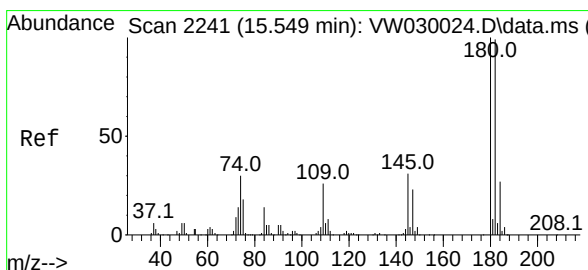
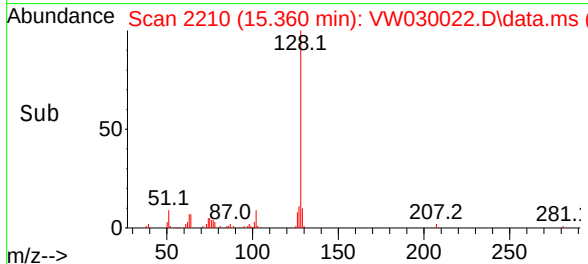
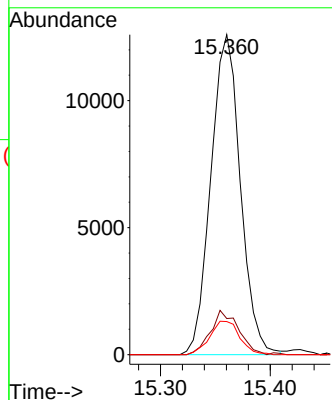
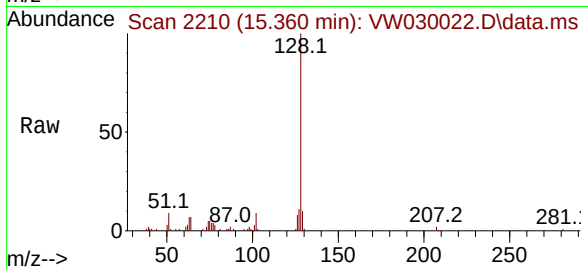
Tgt Ion:128 Resp: 23586

Ion Ratio Lower Upper

128 100

127 13.1 10.6 15.8

129 10.6 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 2.420 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW030022.D

Acq: 26 Aug 2024 11:38

Tgt Ion:180 Resp: 11932

Ion Ratio Lower Upper

180 100

182 92.7 77.2 115.8

145 31.2 26.5 39.7

