

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120924\
 Data File : VY020552.D
 Acq On : 09 Dec 2024 13:47
 Operator : SY/MD
 Sample : P5175-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 10 04:00:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 03 01:39:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	7872	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.616	114	11709	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	8231	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.346	152	2186	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	3519	43.955	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.900%
35) Dibromofluoromethane	7.628	113	3293	44.673	ug/l	-0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.340%
50) Toluene-d8	10.103	98	13436	47.868	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.740%
62) 4-Bromofluorobenzene	12.408	95	2614	26.627	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	53.260%

Target Compounds						Qvalue
5) Bromomethane	2.611	94	57	1.226	ug/l #	62
6) Chloroethane	2.745	64	63	1.297	ug/l #	43
10) Methyl Iodide	4.007	142	110	1.133	ug/l #	37
16) Acetone	3.897	43	43	2.160	ug/l #	43
31) Cyclohexane	7.707	56	179	1.135	ug/l #	39
36) 1,1-Dichloropropene	7.701	75	677	5.439	ug/l #	45
38) Carbon Tetrachloride	7.713	117	947	6.374	ug/l #	11
39) Methylcyclohexane	9.097	83	189	1.224	ug/l #	23
46) Dibromomethane	9.237	93	77	1.811	ug/l #	72
48) Methyl methacrylate	9.225	41	177	3.812	ug/l #	61
51) 4-Methyl-2-Pentanone	10.018	43	334	6.791	ug/l #	36
55) 1,1,2-Trichloroethane	10.585	97	161	2.838	ug/l #	21
56) Ethyl methacrylate	10.414	69	435	5.420	ug/l #	29
59) 2-Hexanone	10.762	43	158	4.453	ug/l #	25
60) Dibromochloromethane	10.944	129	161	2.039	ug/l	78
61) 1,2-Dibromoethane	10.944	107	96	1.851	ug/l	86
66) 1,1,1,2-Tetrachloroethane	11.774	131	162	2.214	ug/l	95
70) Styrene	11.914	104	262	1.184	ug/l #	72
71) Bromoform	12.121	173	177	4.758	ug/l #	53
73) Isopropylbenzene	12.261	105	276	1.305	ug/l	91
74) N-amyl acetate	12.048	43	349	8.419	ug/l #	37
75) 1,1,2,2-Tetrachloroethane	12.517	83	1867	61.381	ug/l #	34
76) 1,2,3-Trichloropropane	12.584	75	457	20.522	ug/l #	100
77) Bromobenzene	12.615	156	31807	726.172	ug/l #	1
78) n-propylbenzene	12.633	91	298	1.190	ug/l	79
79) 2-Chlorotoluene	12.767	91	584	4.133	ug/l	75
80) 1,3,5-Trimethylbenzene	12.877	105	222	1.310	ug/l	75
81) trans-1,4-Dichloro-2-b...	12.408	75	1548	142.635	ug/l #	20
82) 4-Chlorotoluene	12.767	91	496	3.440	ug/l #	62
83) tert-Butylbenzene	13.109	119	176	1.149	ug/l	77
84) 1,2,4-Trimethylbenzene	13.029	105	387	2.349	ug/l	72
85) sec-Butylbenzene	13.176	105	1166	5.309	ug/l	82
87) 1,3-Dichlorobenzene	13.279	146	233	2.758	ug/l #	24
88) 1,4-Dichlorobenzene	13.365	146	136	1.645	ug/l #	1
89) n-Butylbenzene	13.609	91	188	1.117	ug/l #	51
90) Hexachloroethane	13.883	117	112	3.167	ug/l	58

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Quant Title : SW846 8260
QLast Update : Tue Dec 03 01:39:23 2024
Response via : Initial Calibration

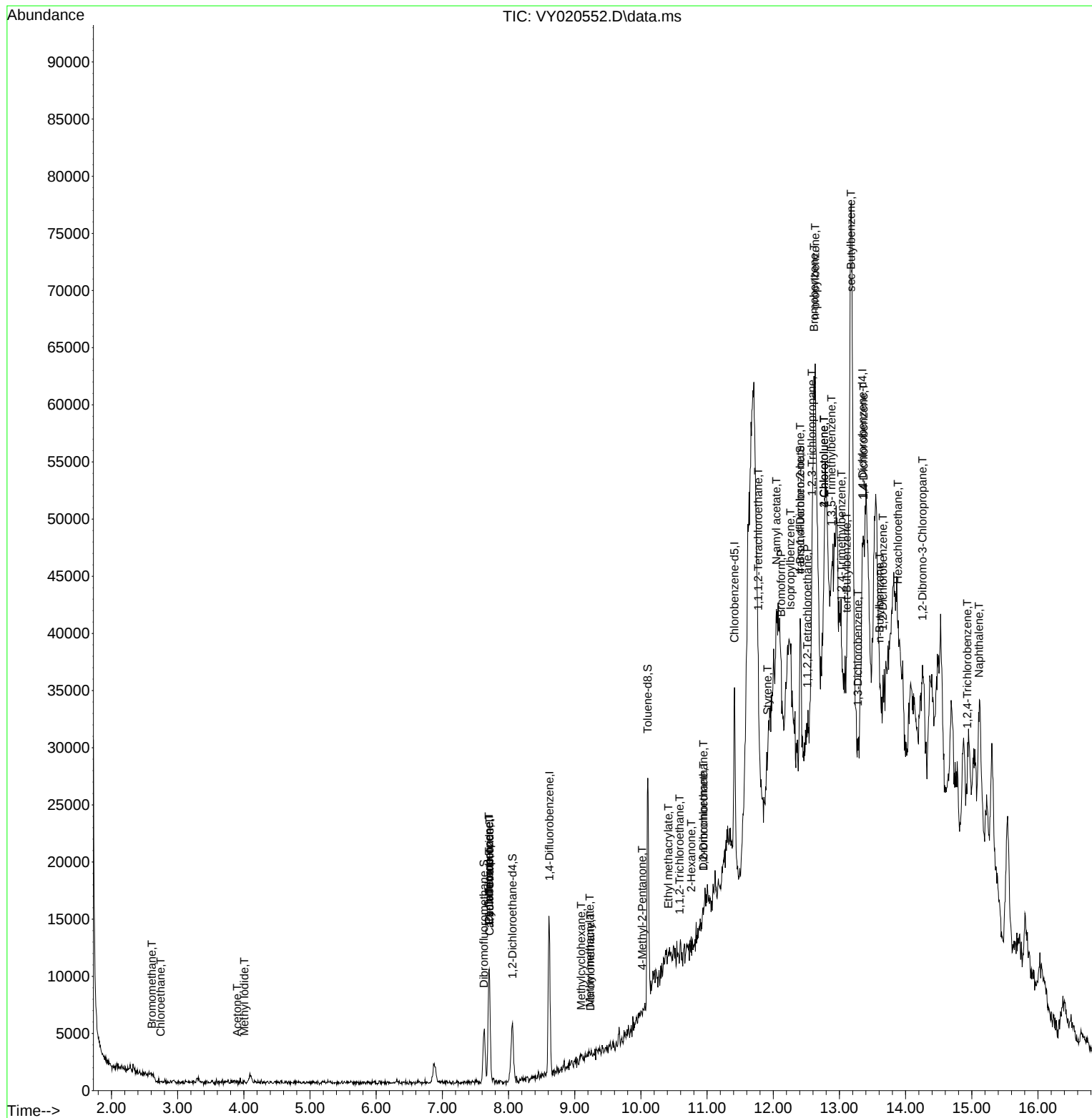
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) 1,2-Dichlorobenzene	13.657	146	112	1.563	ug/l #	48
92) 1,2-Dibromo-3-Chloropr...	14.255	75	61	13.247	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.932	180	60	1.490	ug/l #	1
95) Naphthalene	15.108	128	777	11.920	ug/l #	15

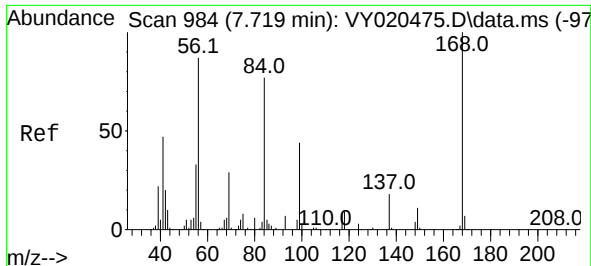
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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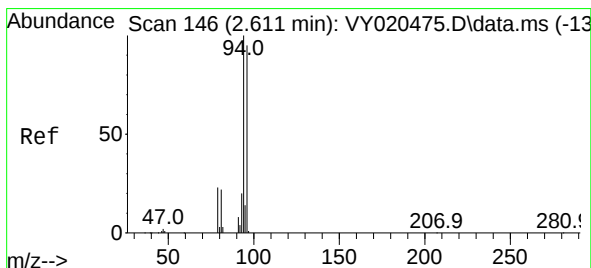
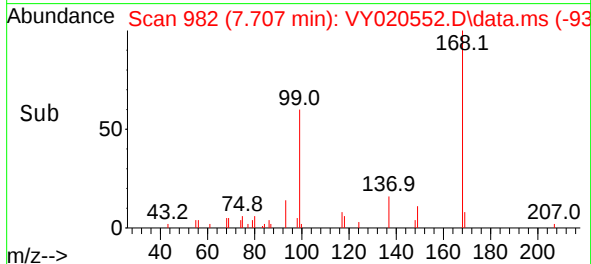
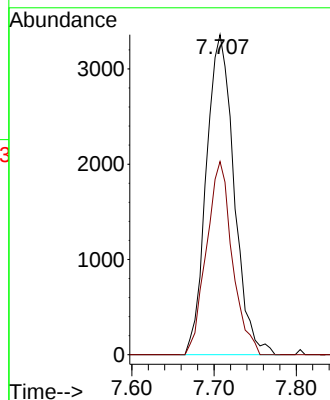
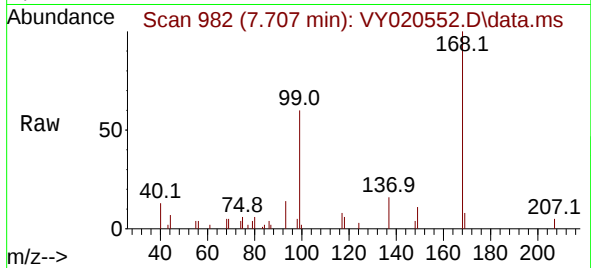




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 984
Delta R.T. -0.012 min
Lab File: VY020552.D
Acq: 09 Dec 2024 13:47

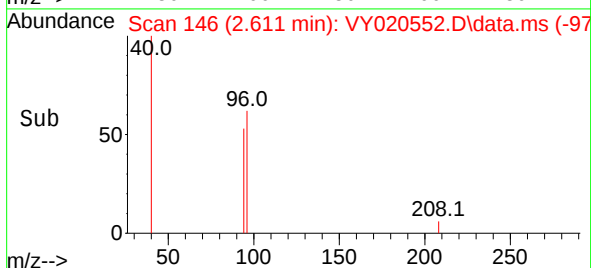
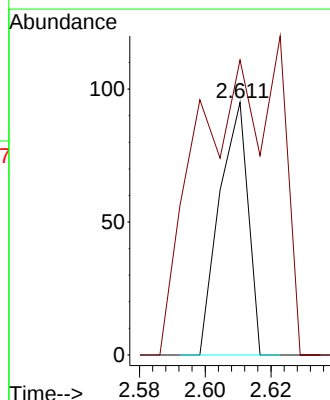
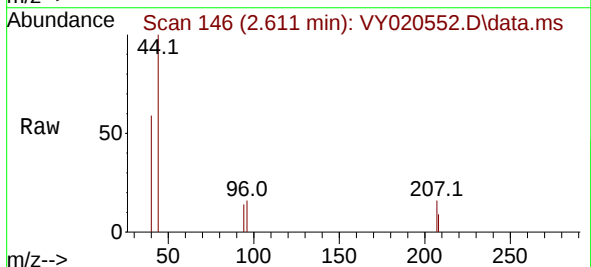
Instrument :
MSVOA_Y
ClientSampleId :

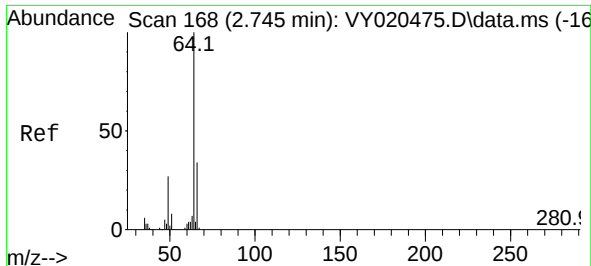
Tgt Ion:168 Resp: 7872
Ion Ratio Lower Upper
168 100
99 60.4 46.6 69.8



#5
Bromomethane
Concen: 1.226 ug/l
RT: 2.611 min Scan# 146
Delta R.T. -0.000 min
Lab File: VY020552.D
Acq: 09 Dec 2024 13:47

Tgt Ion: 94 Resp: 57
Ion Ratio Lower Upper
94 100
96 57.9 75.4 113.2#

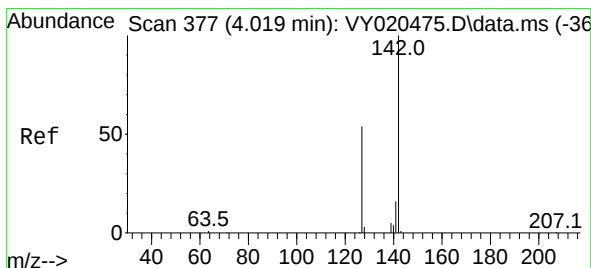
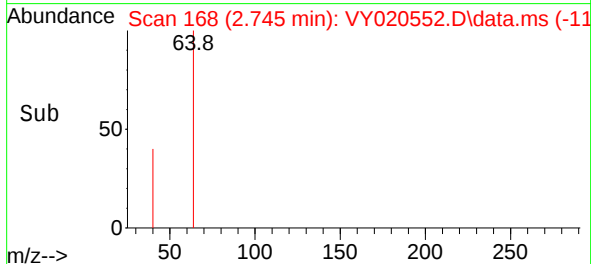
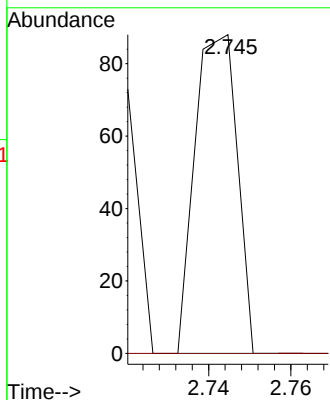
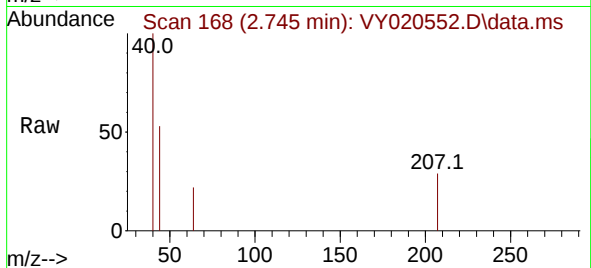




#6
Chloroethane
Concen: 1.297 ug/l
RT: 2.745 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY020552.D
Acq: 09 Dec 2024 13:47

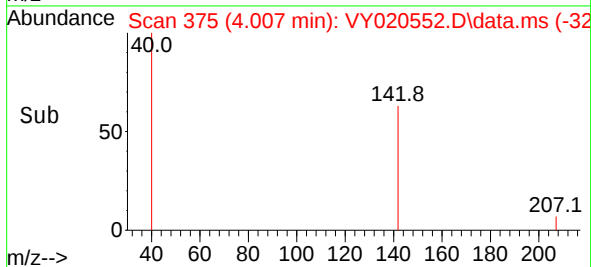
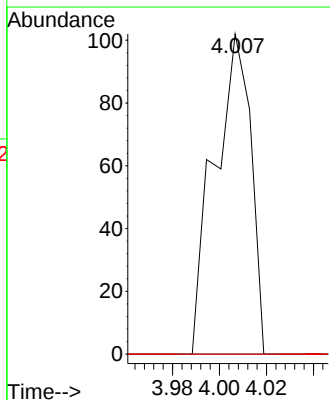
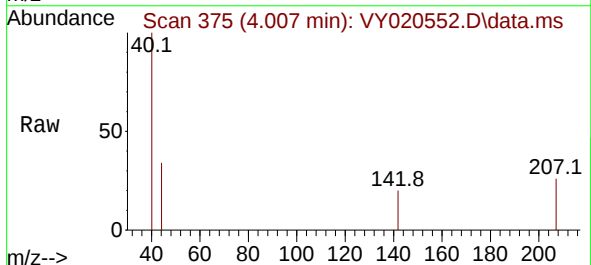
Instrument :
MSVOA_Y
ClientSampleId :

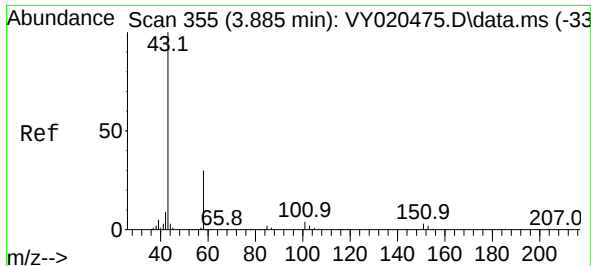
Tgt Ion: 64 Resp: 63
Ion Ratio Lower Upper
64 100
66 0.0 25.7 38.5#



#10
Methyl Iodide
Concen: 1.133 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.012 min
Lab File: VY020552.D
Acq: 09 Dec 2024 13:47

Tgt Ion:142 Resp: 110
Ion Ratio Lower Upper
142 100
127 0.0 38.9 58.3#
141 0.0 11.7 17.5#





#16

Acetone

Concen: 2.160 ug/l

RT: 3.897 min Scan# 3

Delta R.T. 0.012 min

Lab File: VY020552.D

Acq: 09 Dec 2024 13:47

Instrument :

MSVOA_Y

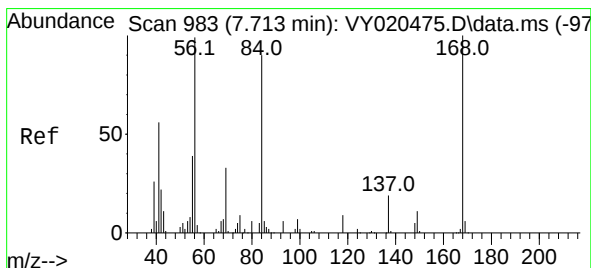
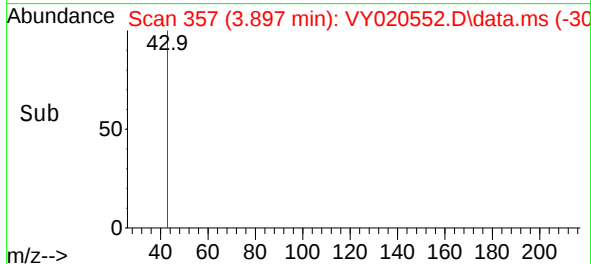
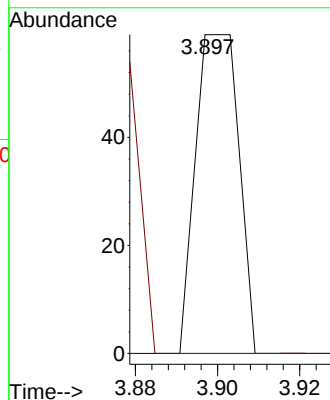
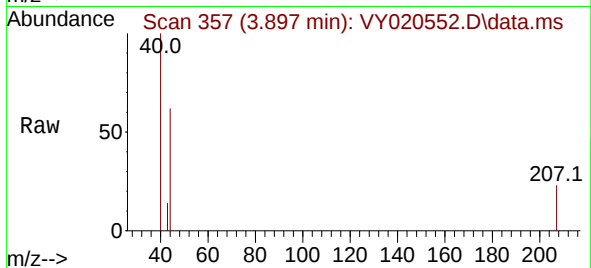
ClientSampleId :

Tgt Ion: 43 Resp: 43

Ion Ratio Lower Upper

43 100

58 0.0 25.7 38.5#



#31

Cyclohexane

Concen: 1.135 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.006 min

Lab File: VY020552.D

Acq: 09 Dec 2024 13:47

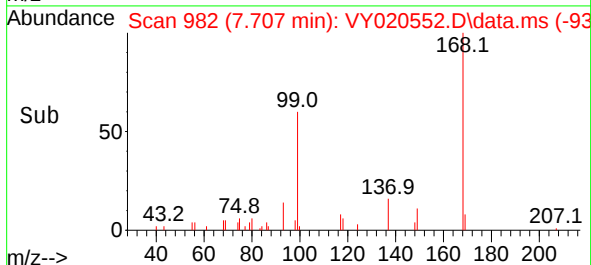
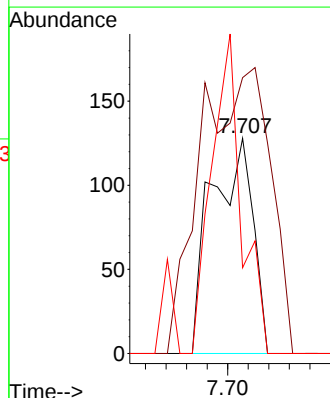
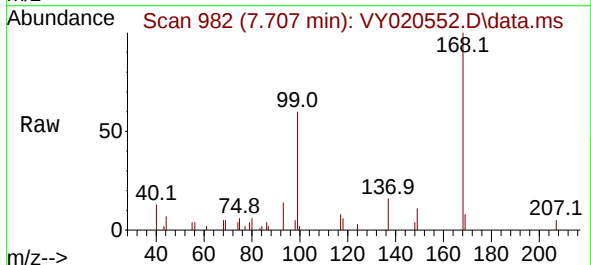
Tgt Ion: 56 Resp: 179

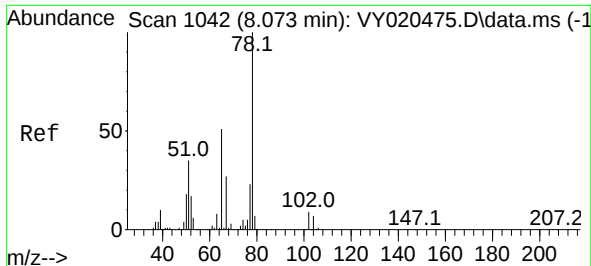
Ion Ratio Lower Upper

56 100

69 84.4 25.3 37.9#

84 39.8 66.9 100.3#





#33

1,2-Dichloroethane-d4

Concen: 43.955 ug/l

RT: 8.061 min Scan# 1

Delta R.T. -0.012 min

Lab File: VY020552.D

Acq: 09 Dec 2024 13:47

Instrument :

MSVOA_Y

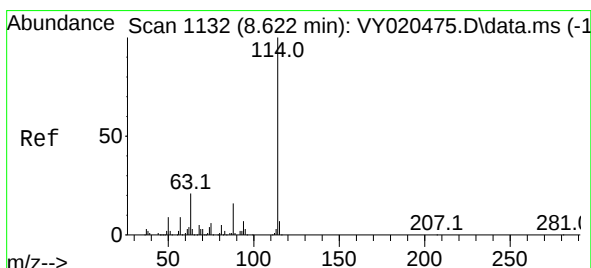
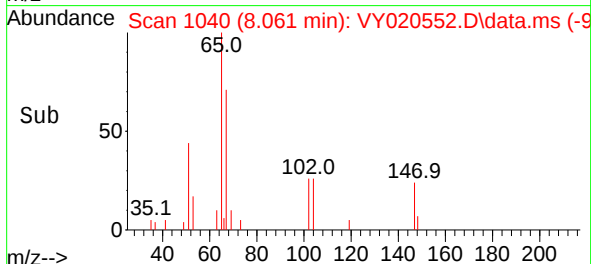
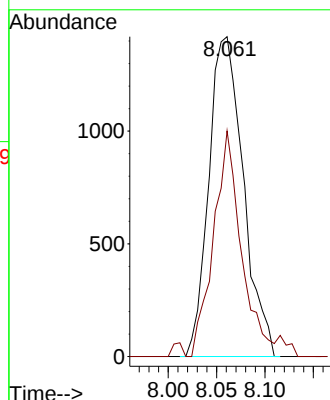
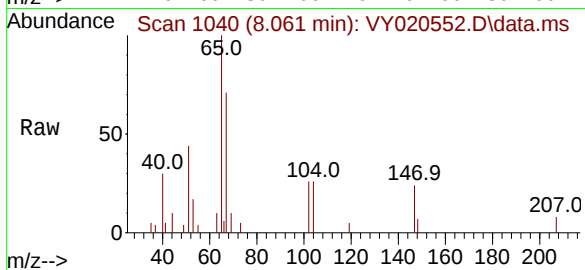
ClientSampleId :

Tgt Ion: 65 Resp: 3519

Ion Ratio Lower Upper

65 100

67 56.7 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY020552.D

Acq: 09 Dec 2024 13:47

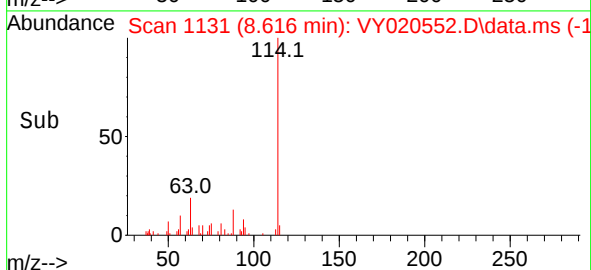
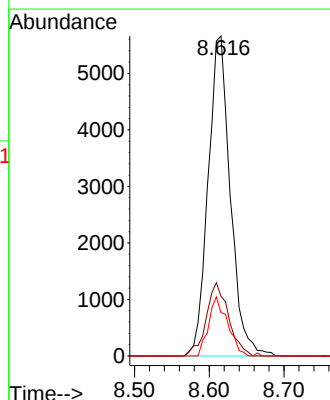
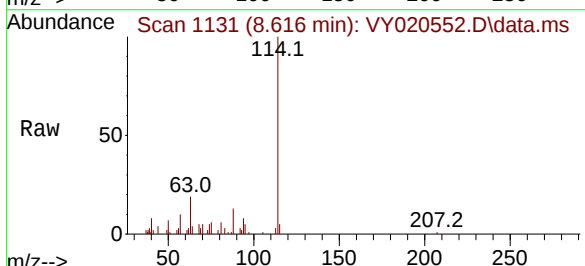
Tgt Ion: 114 Resp: 11709

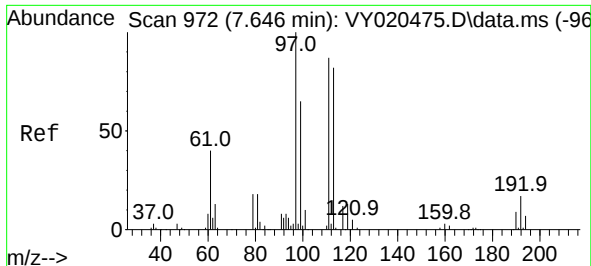
Ion Ratio Lower Upper

114 100

63 18.7 0.0 44.8

88 13.5 0.0 32.0





#35

Dibromofluoromethane

Concen: 44.673 ug/l

RT: 7.628 min Scan# 90

Delta R.T. -0.018 min

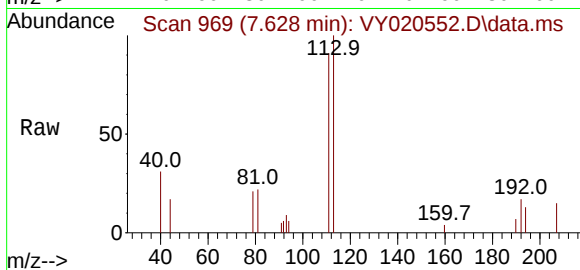
Lab File: VY020552.D

Acq: 09 Dec 2024 13:47

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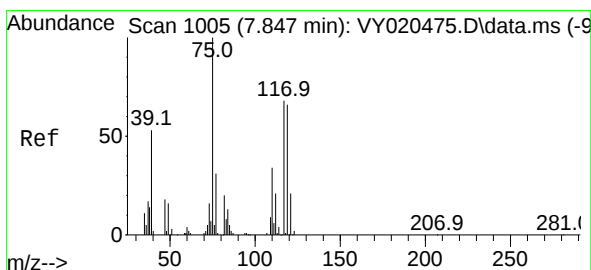
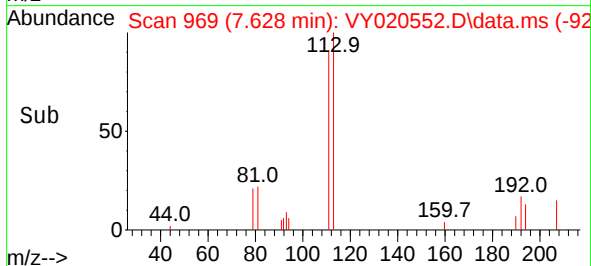
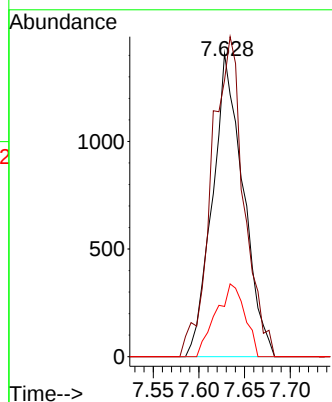
Tgt Ion:113 Resp: 3293

Ion Ratio Lower Upper

113 100

111 111.3 81.4 122.0

192 22.6 15.1 22.7



#36

1,1-Dichloropropene

Concen: 5.439 ug/l

RT: 7.701 min Scan# 981

Delta R.T. -0.146 min

Lab File: VY020552.D

Acq: 09 Dec 2024 13:47

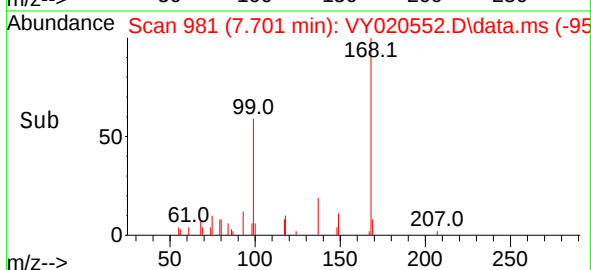
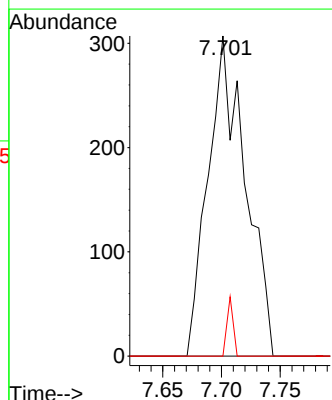
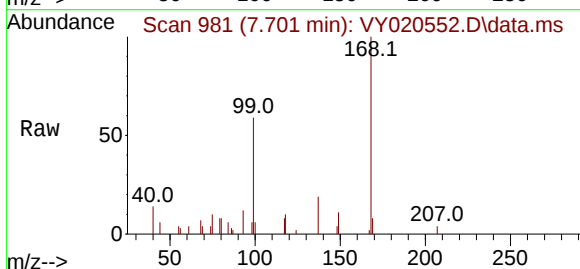
Tgt Ion: 75 Resp: 677

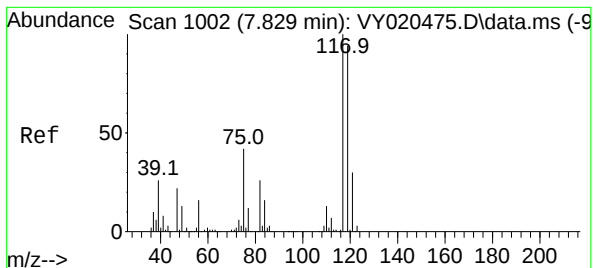
Ion Ratio Lower Upper

75 100

110 0.0 16.7 50.0#

77 3.1 24.6 36.8#





#38

Carbon Tetrachloride

Concen: 6.374 ug/l

RT: 7.713 min Scan# 91

Delta R.T. -0.116 min

Lab File: VY020552.D

Acq: 09 Dec 2024 13:47

Instrument :

MSVOA_Y

ClientSampleId :

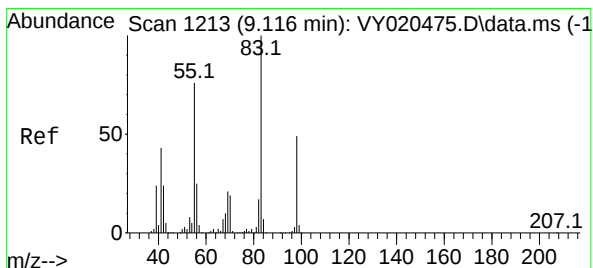
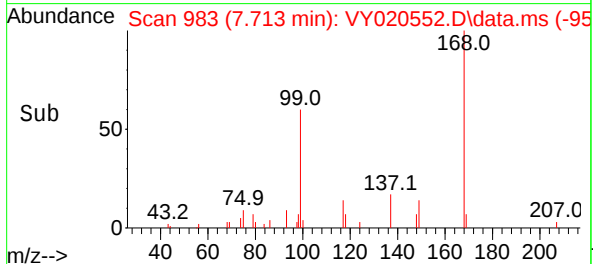
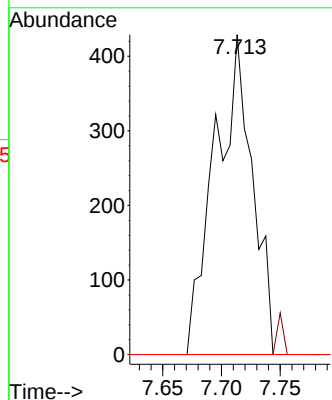
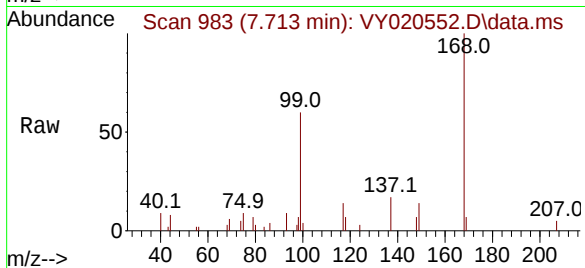
Tgt Ion:117 Resp: 947

Ion Ratio Lower Upper

117 100

119 0.0 77.8 116.6#

121 0.0 24.6 37.0#



#39

Methylcyclohexane

Concen: 1.224 ug/l

RT: 9.097 min Scan# 1210

Delta R.T. -0.018 min

Lab File: VY020552.D

Acq: 09 Dec 2024 13:47

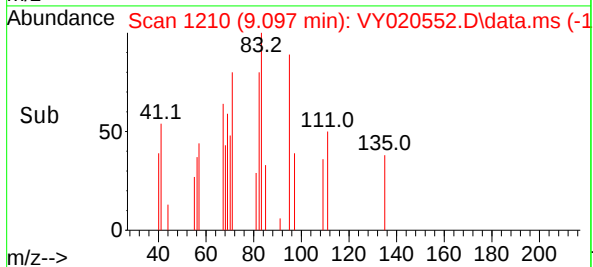
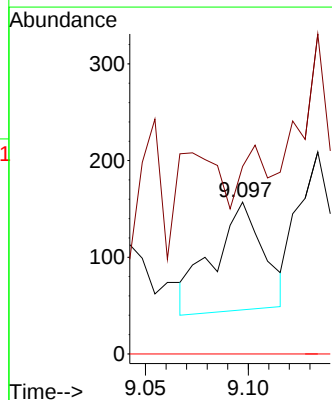
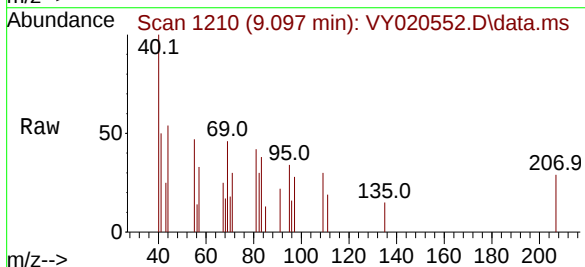
Tgt Ion: 83 Resp: 189

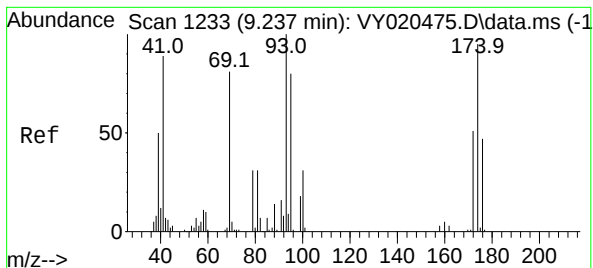
Ion Ratio Lower Upper

83 100

55 7.2 62.6 93.8#

98 0.0 37.0 55.4#





#46

Dibromomethane

Concen: 1.811 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. -0.000 min

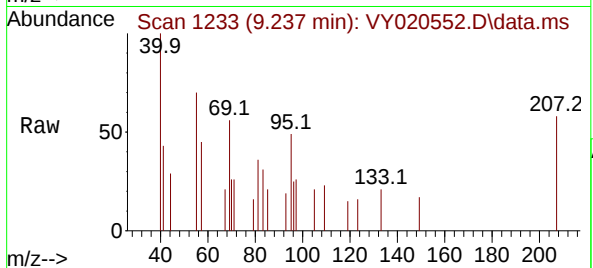
Lab File: VY020552.D

Acq: 09 Dec 2024 13:47

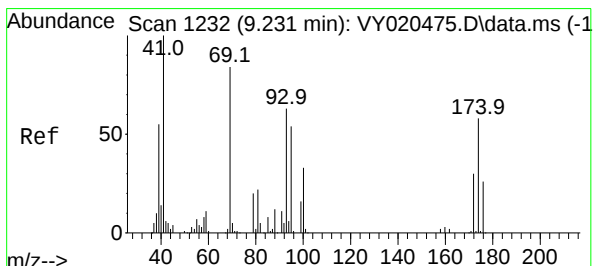
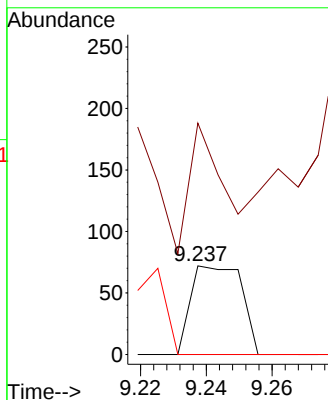
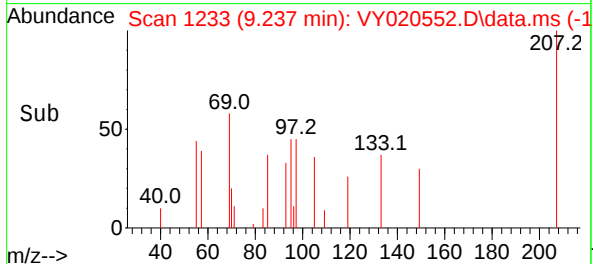
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	93	Resp:	77
Ion	Ratio	Lower	Upper
93	100		
95	98.7	65.3	97.9#
174	58.4	74.4	111.6#



#48

Methyl methacrylate

Concen: 3.812 ug/l

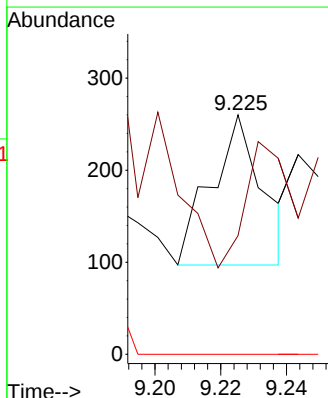
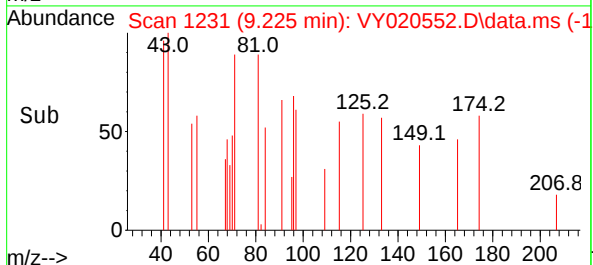
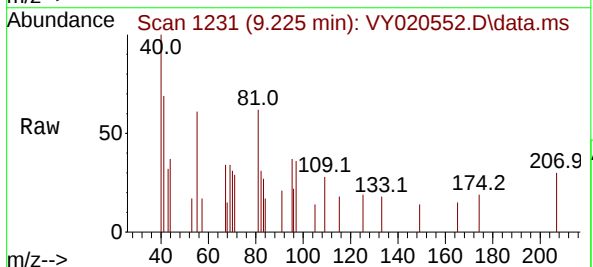
RT: 9.225 min Scan# 1231

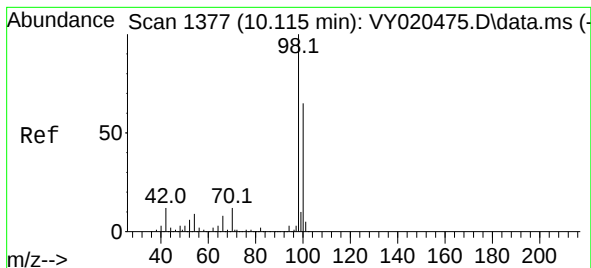
Delta R.T. -0.006 min

Lab File: VY020552.D

Acq: 09 Dec 2024 13:47

Tgt Ion:	41	Resp:	177
Ion	Ratio	Lower	Upper
41	100		
69	71.2	66.1	99.1
39	0.0	46.0	69.0#





#50

Toluene-d8

Concen: 47.868 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.012 min

Lab File: VY020552.D

Acq: 09 Dec 2024 13:47

Instrument :

MSVOA_Y

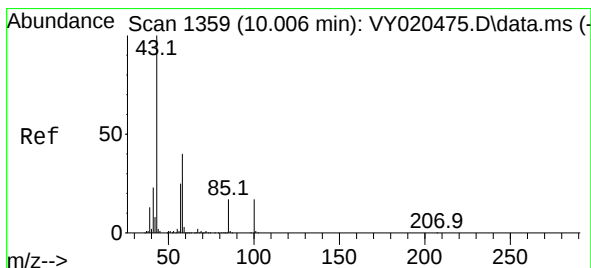
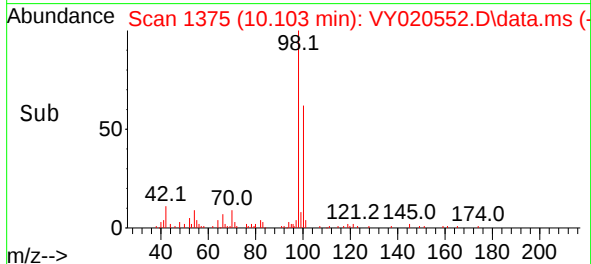
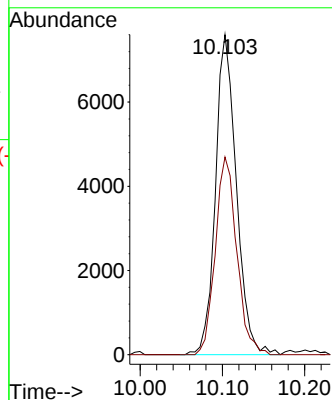
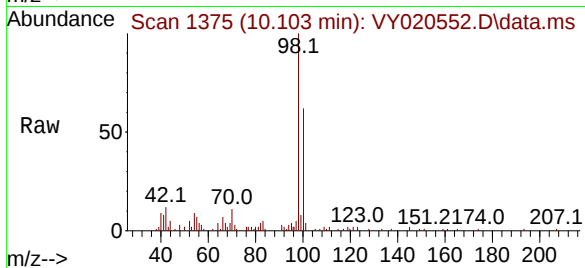
ClientSampleId :

Tgt Ion: 98 Resp: 13436

Ion Ratio Lower Upper

98 100

100 63.3 51.3 76.9



#51

4-Methyl-2-Pentanone

Concen: 6.791 ug/l

RT: 10.018 min Scan# 1361

Delta R.T. 0.012 min

Lab File: VY020552.D

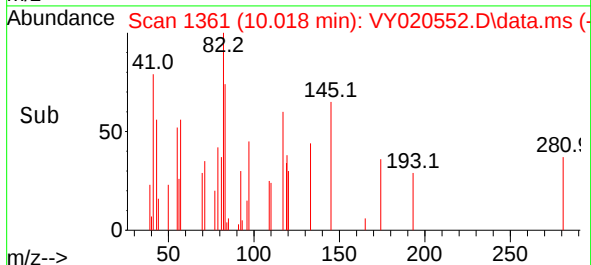
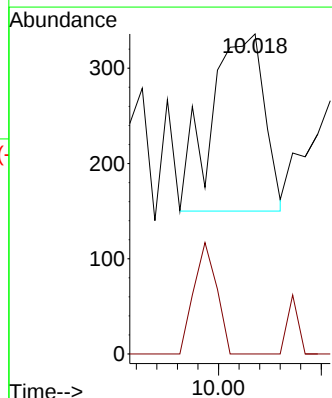
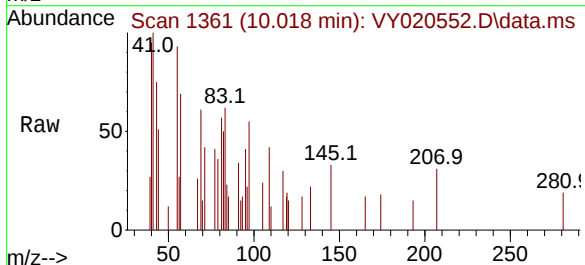
Acq: 09 Dec 2024 13:47

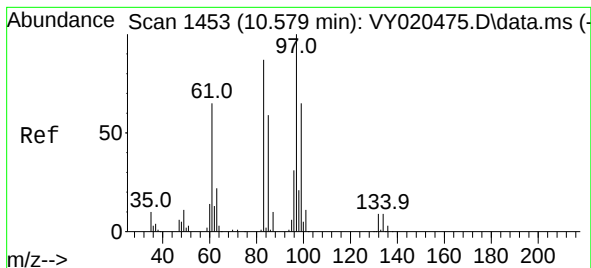
Tgt Ion: 43 Resp: 334

Ion Ratio Lower Upper

43 100

58 0.0 30.9 46.3#





#55

1,1,2-Trichloroethane

Concen: 2.838 ug/l

RT: 10.585 min Scan# 1453

Delta R.T. 0.006 min

Lab File: VY020552.D

Acq: 09 Dec 2024 13:47

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 161

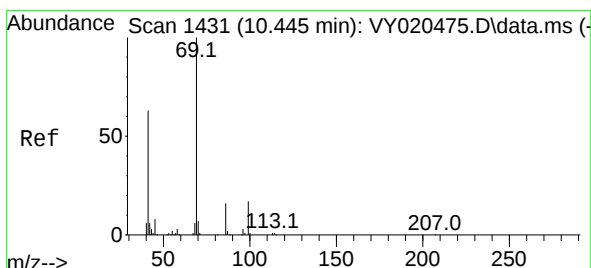
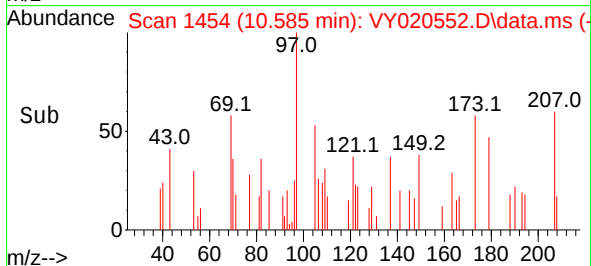
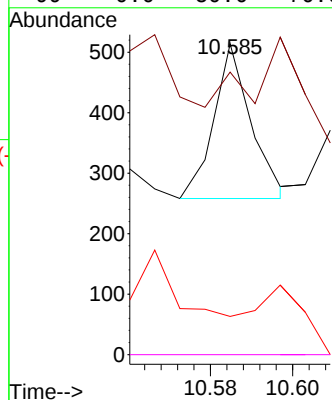
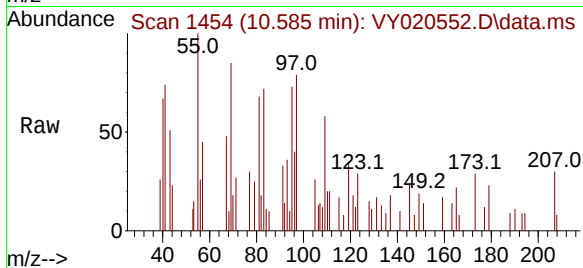
Ion Ratio Lower Upper

97 100

83 16.0 70.8 106.2#

85 0.0 44.9 67.3#

99 0.0 50.6 76.0#



#56

Ethyl methacrylate

Concen: 5.420 ug/l

RT: 10.414 min Scan# 1426

Delta R.T. -0.030 min

Lab File: VY020552.D

Acq: 09 Dec 2024 13:47

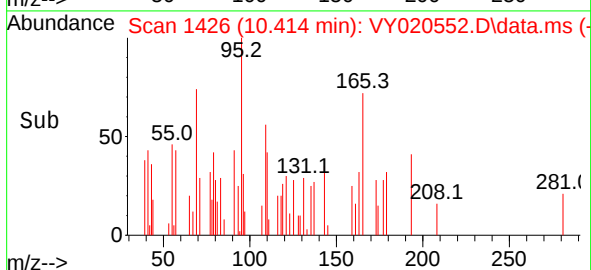
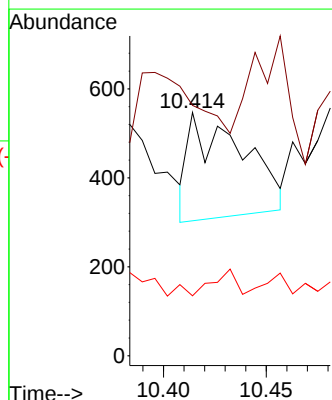
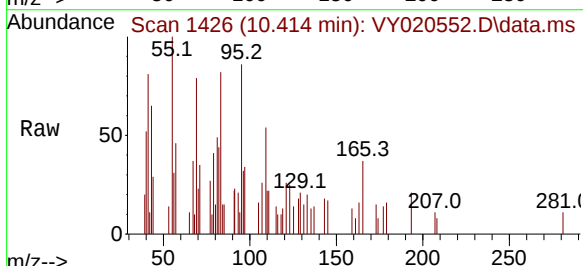
Tgt Ion: 69 Resp: 435

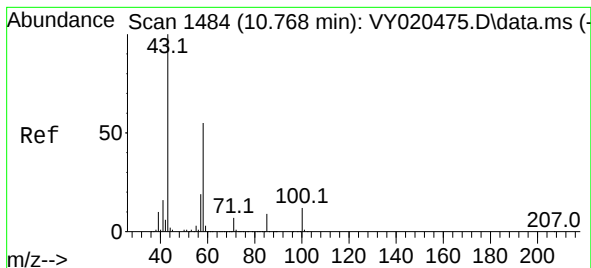
Ion Ratio Lower Upper

69 100

41 0.0 56.1 84.1#

39 11.0 29.7 44.5#

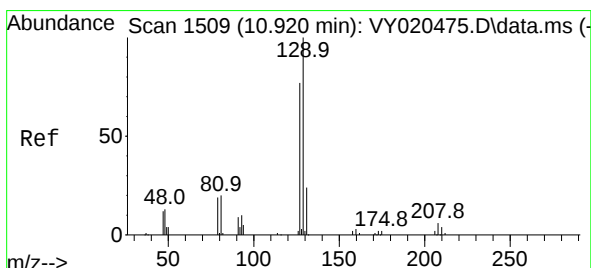
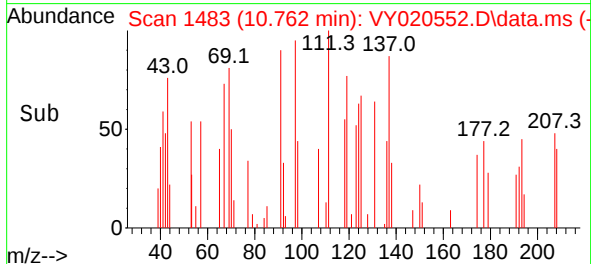
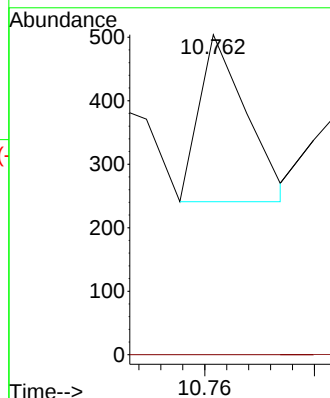
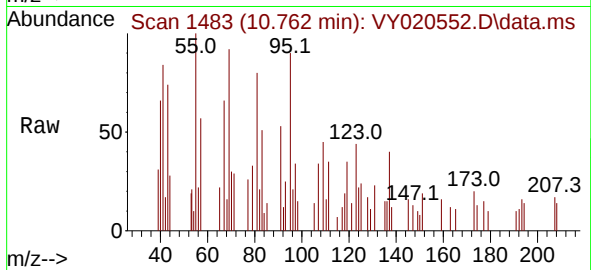




#59
2-Hexanone
Concen: 4.453 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. -0.006 min
Lab File: VY020552.D
Acq: 09 Dec 2024 13:47

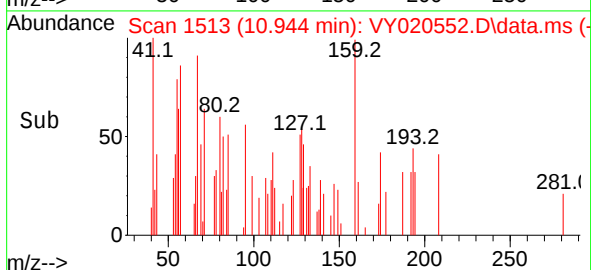
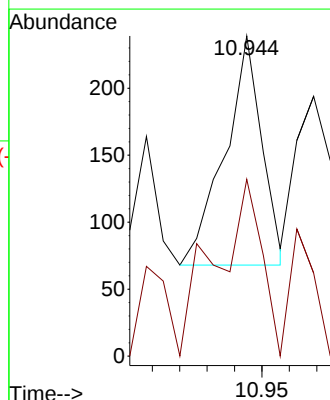
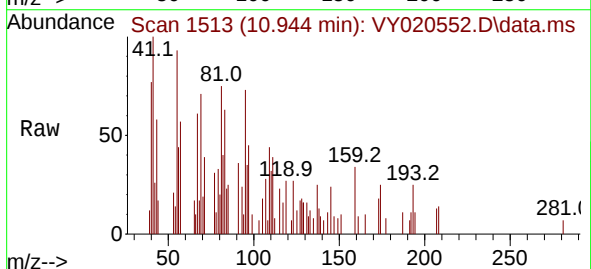
Instrument :
MSVOA_Y
ClientSampleId :

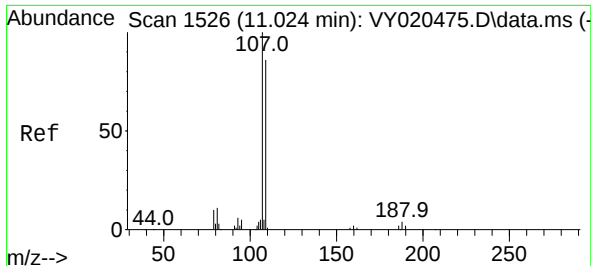
Tgt Ion: 43 Resp: 158
Ion Ratio Lower Upper
43 100
58 0.0 26.4 79.2#



#60
Dibromochloromethane
Concen: 2.039 ug/l
RT: 10.944 min Scan# 1513
Delta R.T. 0.024 min
Lab File: VY020552.D
Acq: 09 Dec 2024 13:47

Tgt Ion: 129 Resp: 161
Ion Ratio Lower Upper
129 100
127 95.7 38.3 114.9





#61

1,2-Dibromoethane

Concen: 1.851 ug/l

RT: 10.944 min Scan# 1513

Delta R.T. -0.079 min

Lab File: VY020552.D

Acq: 09 Dec 2024 13:47

Instrument :

MSVOA_Y

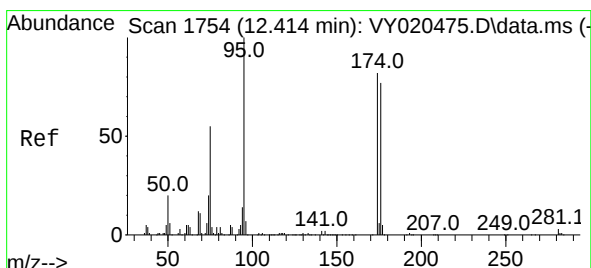
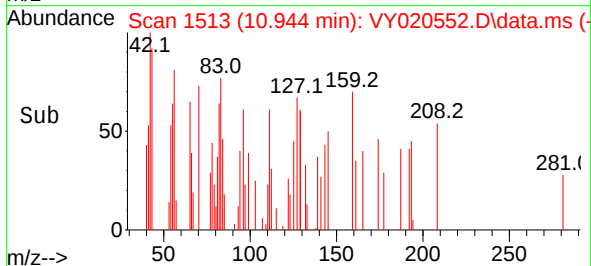
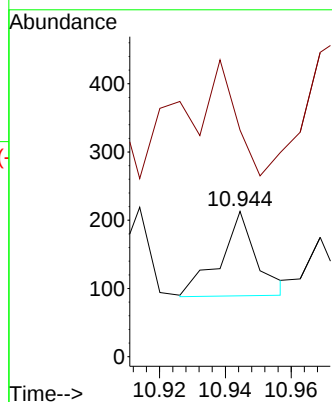
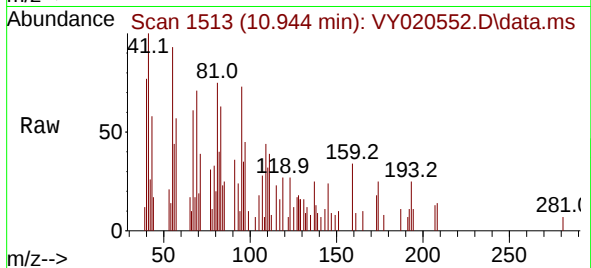
ClientSampleId :

Tgt Ion:107 Resp: 96

Ion Ratio Lower Upper

107 100

109 106.3 74.6 111.8



#62

4-Bromofluorobenzene

Concen: 26.627 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.006 min

Lab File: VY020552.D

Acq: 09 Dec 2024 13:47

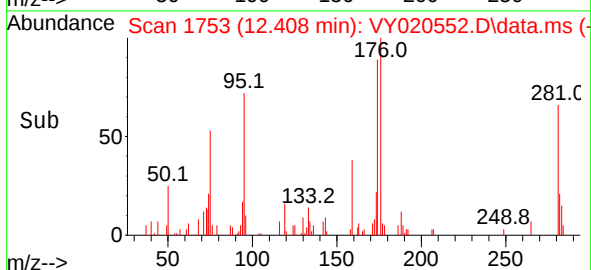
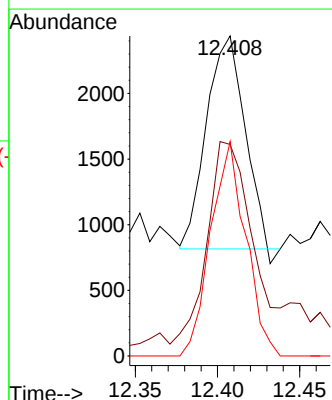
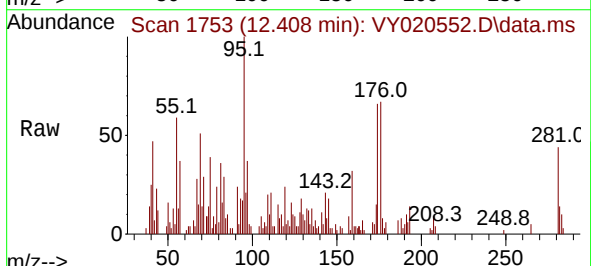
Tgt Ion: 95 Resp: 2614

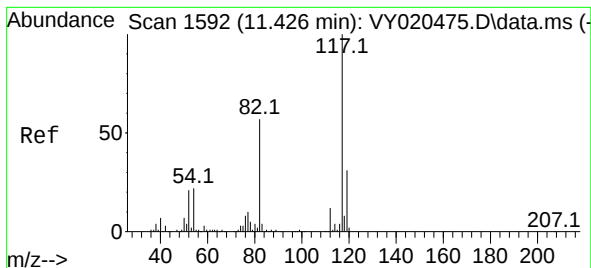
Ion Ratio Lower Upper

95 100

174 114.9 0.0 156.8

176 92.4 0.0 152.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. -0.012 min

Lab File: VY020552.D

Acq: 09 Dec 2024 13:47

Instrument :

MSVOA_Y

ClientSampleId :

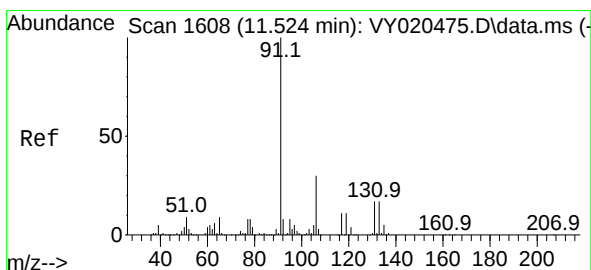
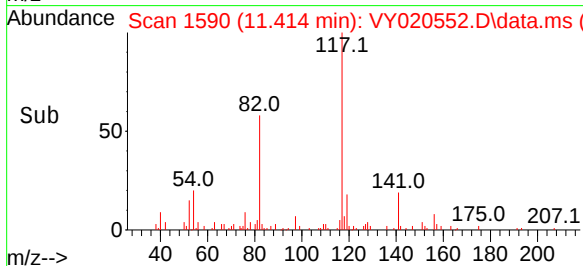
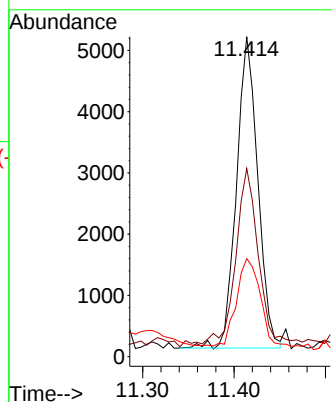
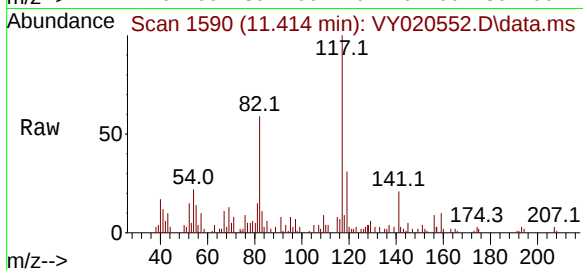
Tgt Ion:117 Resp: 8231

Ion Ratio Lower Upper

117 100

82 57.3 48.2 72.4

119 27.4 25.8 38.8



#66

1,1,1,2-Tetrachloroethane

Concen: 2.214 ug/l

RT: 11.774 min Scan# 1649

Delta R.T. 0.250 min

Lab File: VY020552.D

Acq: 09 Dec 2024 13:47

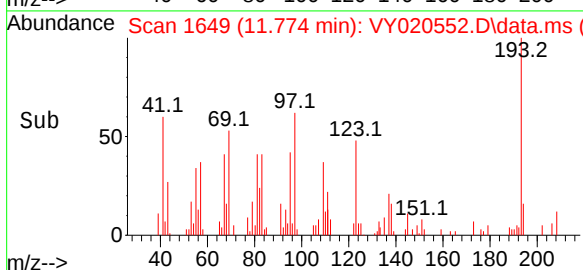
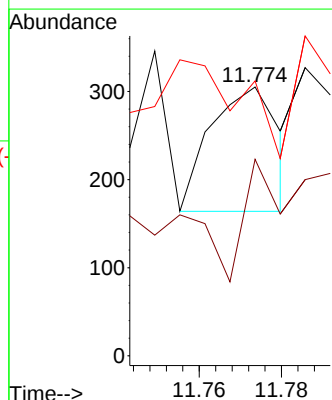
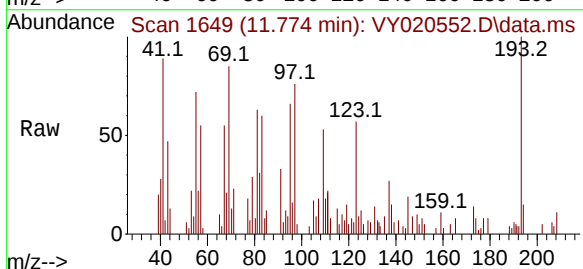
Tgt Ion:131 Resp: 162

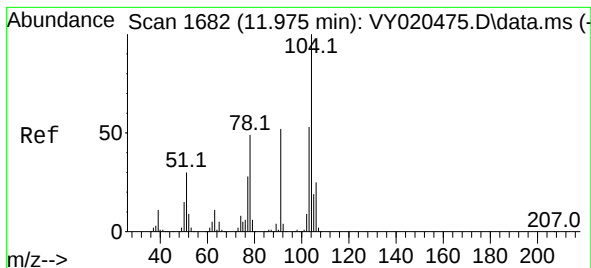
Ion Ratio Lower Upper

131 100

133 103.1 47.8 143.3

119 66.0 32.5 97.5





#70

Styrene

Concen: 1.184 ug/l

RT: 11.914 min Scan# 1

Delta R.T. -0.061 min

Lab File: VY020552.D

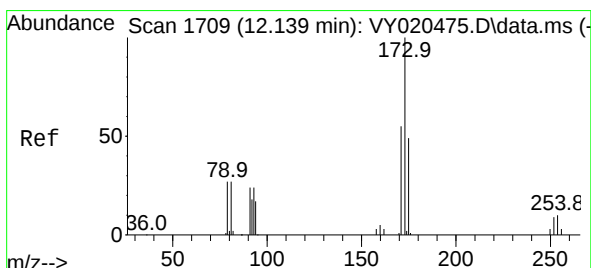
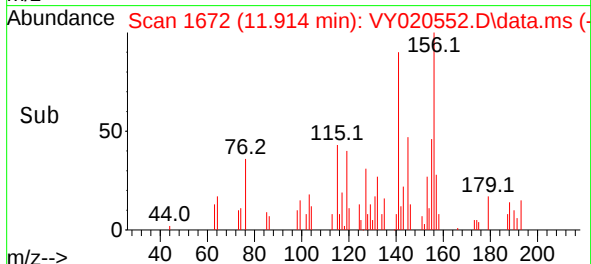
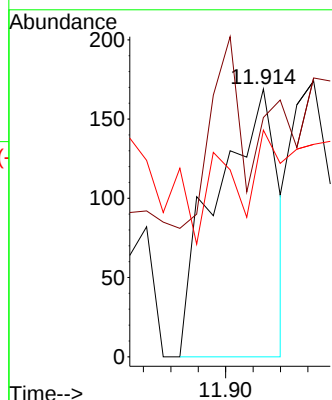
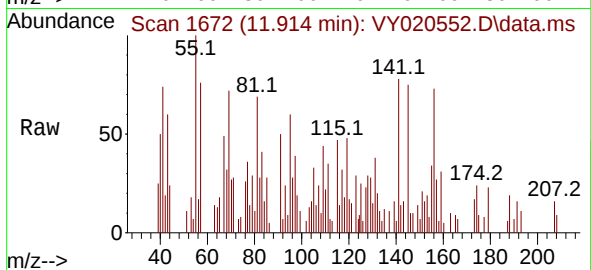
Acq: 09 Dec 2024 13:47

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:104	Resp:	262
Ion Ratio	Lower	Upper
104	100	
78	51.1	41.4 62.2
103	17.2	44.2 66.4#



#71

Bromoform

Concen: 4.758 ug/l

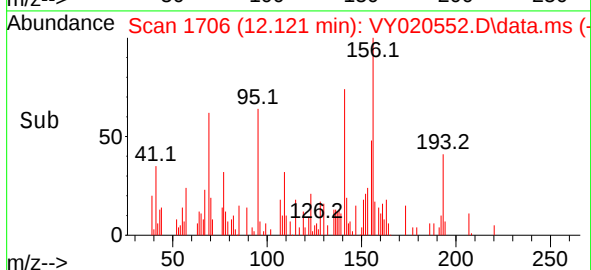
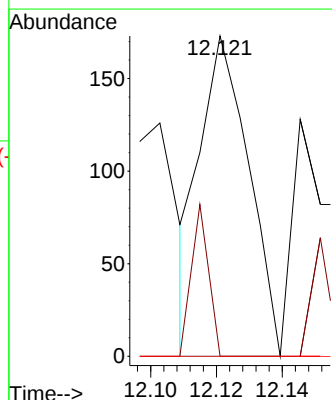
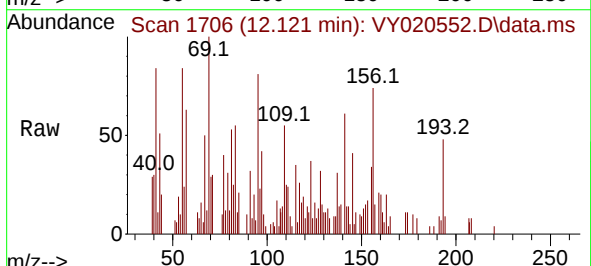
RT: 12.121 min Scan# 1706

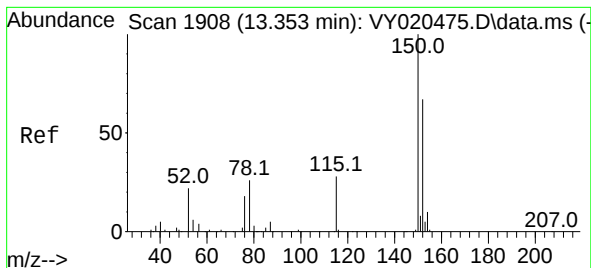
Delta R.T. -0.018 min

Lab File: VY020552.D

Acq: 09 Dec 2024 13:47

Tgt Ion:173	Resp:	177
Ion Ratio	Lower	Upper
173	100	
175	16.9	24.3 73.0#
254	0.0	0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY020552.D

Acq: 09 Dec 2024 13:47

Instrument :

MSVOA_Y

ClientSampleId :

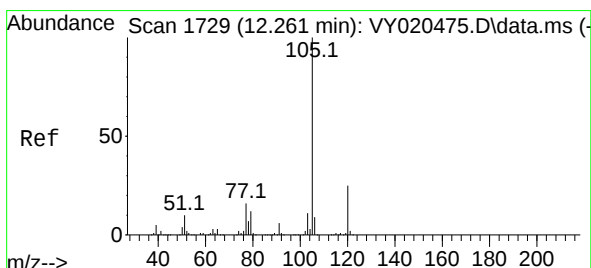
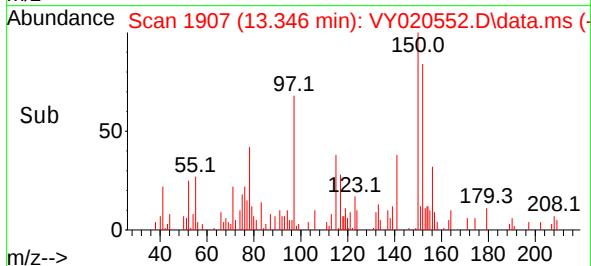
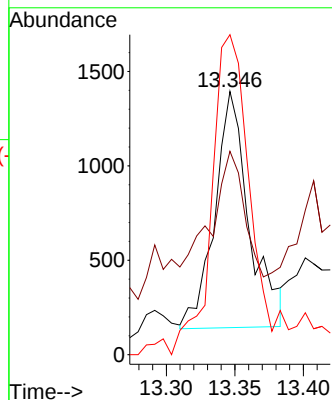
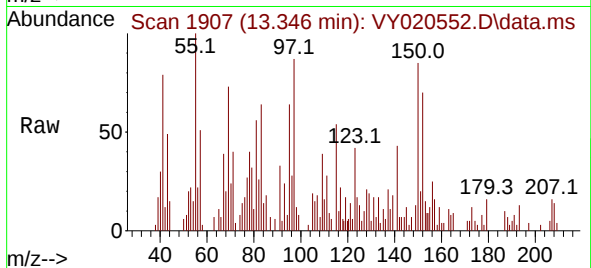
Tgt Ion:152 Resp: 2186

Ion Ratio Lower Upper

152 100

115 73.2 30.0 90.0

150 157.5 0.0 348.2



#73

Isopropylbenzene

Concen: 1.305 ug/l

RT: 12.261 min Scan# 1729

Delta R.T. -0.000 min

Lab File: VY020552.D

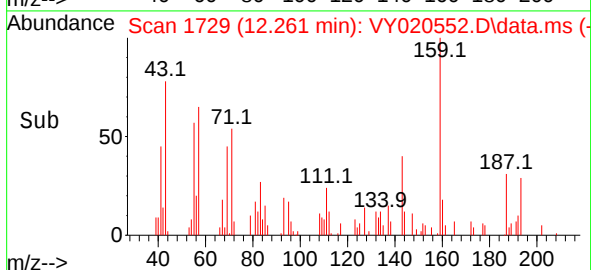
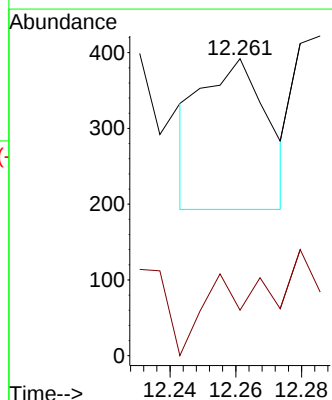
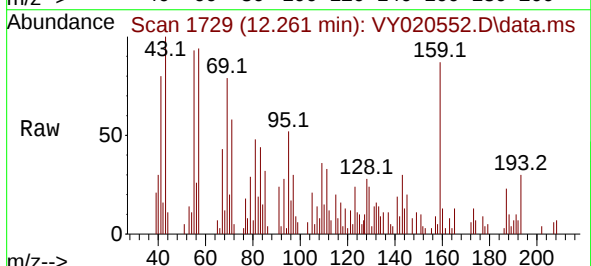
Acq: 09 Dec 2024 13:47

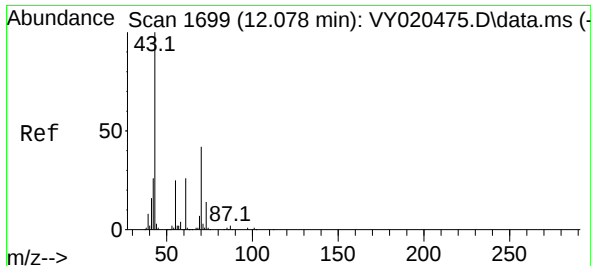
Tgt Ion:105 Resp: 276

Ion Ratio Lower Upper

105 100

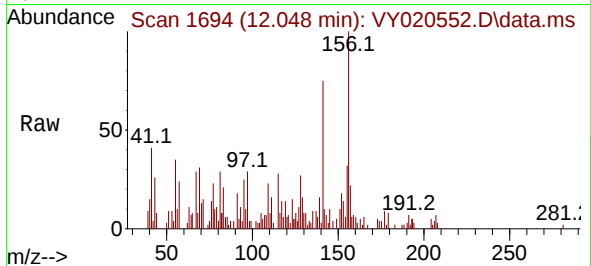
120 30.1 12.7 38.1



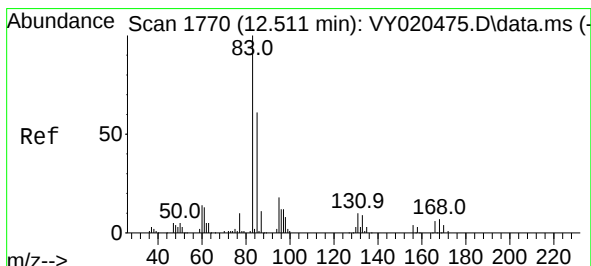
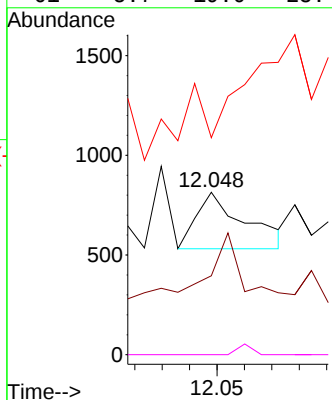
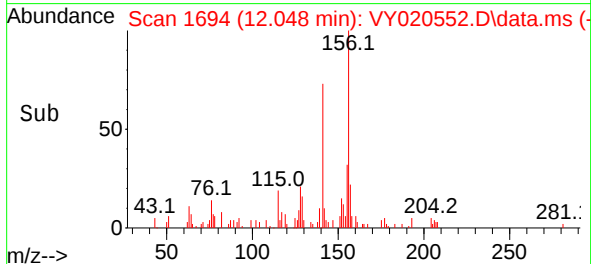


#74
N-ethyl acetate
Concen: 8.419 ug/l
RT: 12.048 min Scan# 1699
Delta R.T. -0.030 min
Lab File: VY020552.D
Acq: 09 Dec 2024 13:47

Instrument :
MSVOA_Y
ClientSampleId :

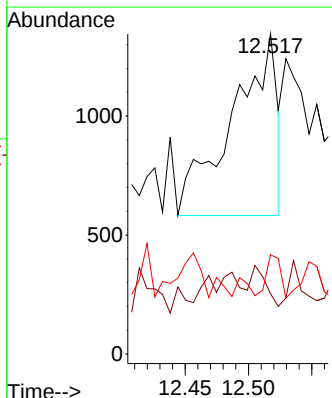
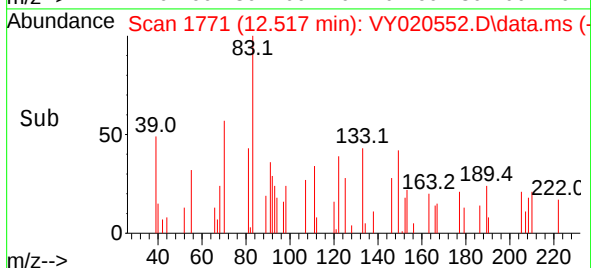
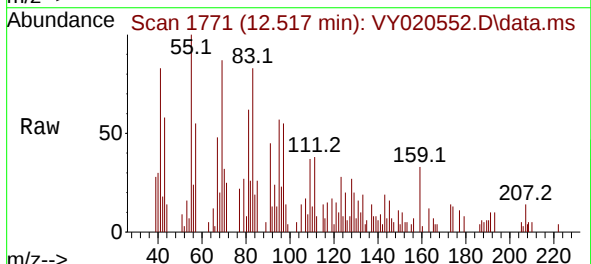


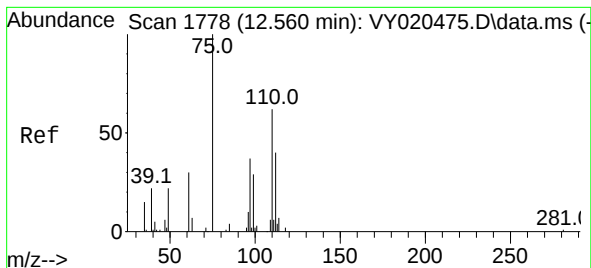
Tgt Ion:	43	Resp:	349
Ion	Ratio	Lower	Upper
43	100		
70	67.9	32.9	49.3#
55	84.2	19.3	28.9#
61	5.7	19.0	28.4#



#75
1,1,2,2-Tetrachloroethane
Concen: 61.381 ug/l
RT: 12.517 min Scan# 1771
Delta R.T. 0.006 min
Lab File: VY020552.D
Acq: 09 Dec 2024 13:47

Tgt Ion:	83	Resp:	1867
Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.8	14.4#
85	7.6	32.0	96.0#





#76

1,2,3-Trichloropropane

Concen: 20.522 ug/l

RT: 12.584 min Scan# 1782

Delta R.T. 0.024 min

Lab File: VY020552.D

Acq: 09 Dec 2024 13:47

Instrument :

MSVOA_Y

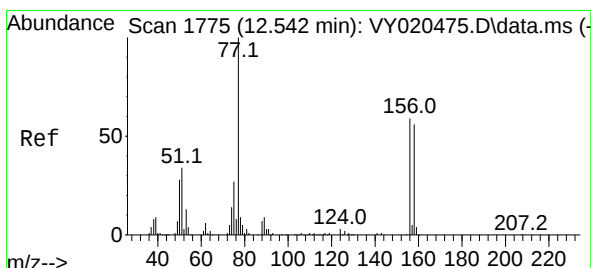
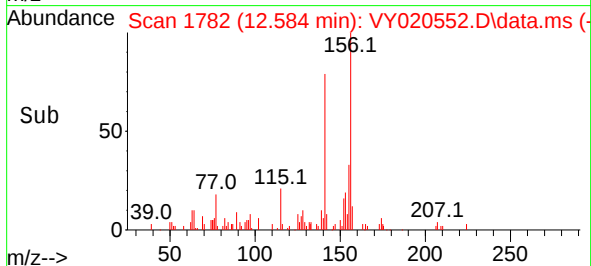
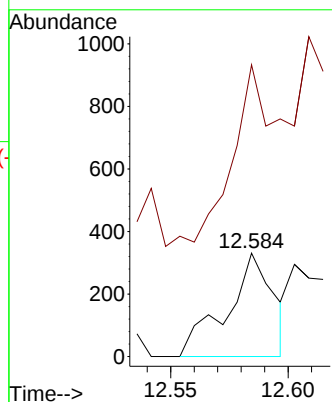
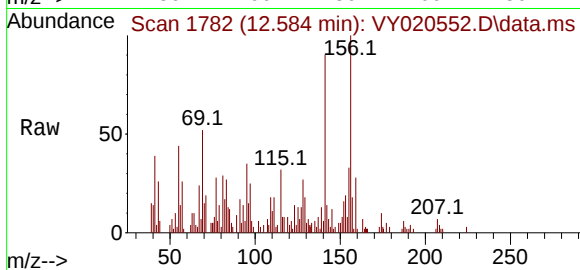
ClientSampleId :

Tgt Ion: 75 Resp: 457

Ion Ratio Lower Upper

75 100

77 180.3 0.0 0.0#



#77

Bromobenzene

Concen: 726.172 ug/l

RT: 12.615 min Scan# 1787

Delta R.T. 0.073 min

Lab File: VY020552.D

Acq: 09 Dec 2024 13:47

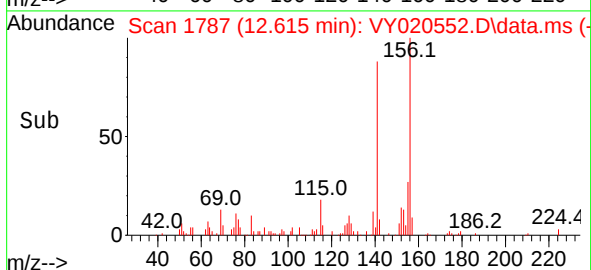
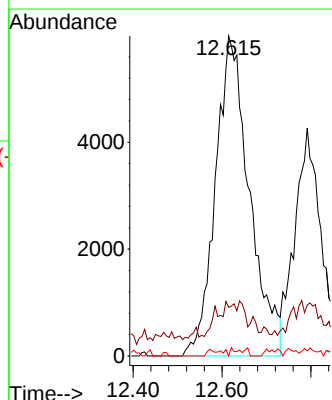
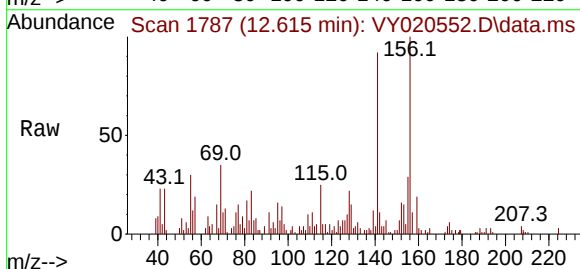
Tgt Ion: 156 Resp: 31807

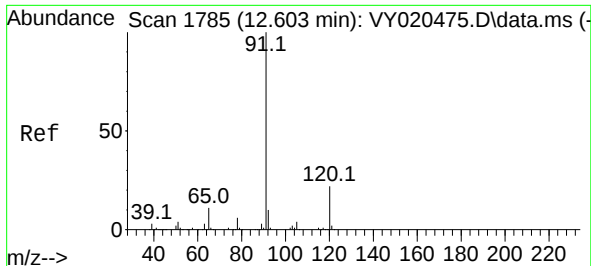
Ion Ratio Lower Upper

156 100

77 0.8 97.2 291.6#

158 0.4 47.8 143.4#

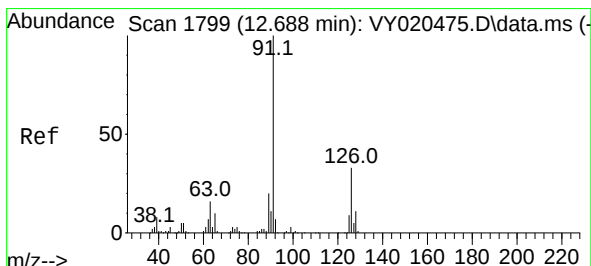
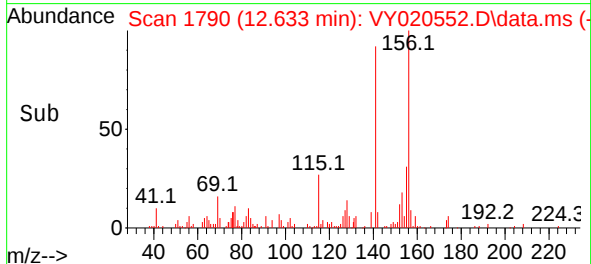
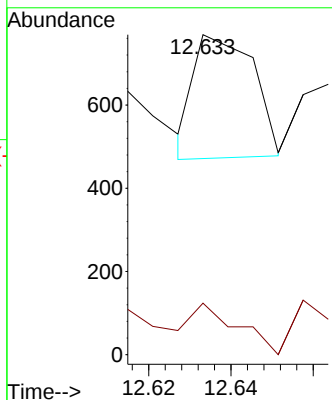
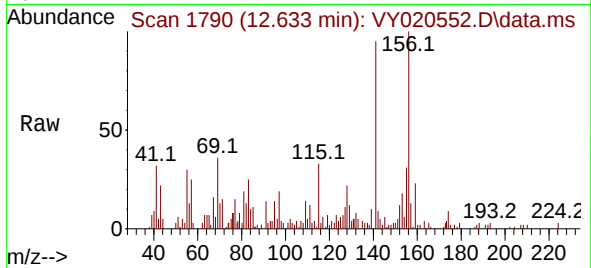




#78
n-propylbenzene
Concen: 1.190 ug/l
RT: 12.633 min Scan# 1812
Delta R.T. 0.030 min
Lab File: VY020552.D
Acq: 09 Dec 2024 13:47

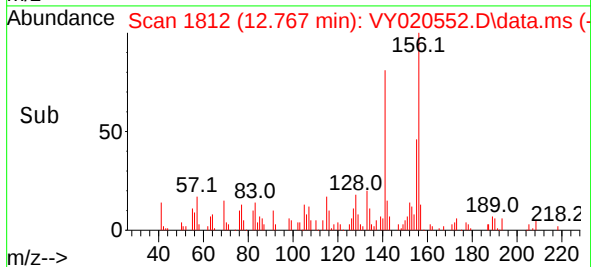
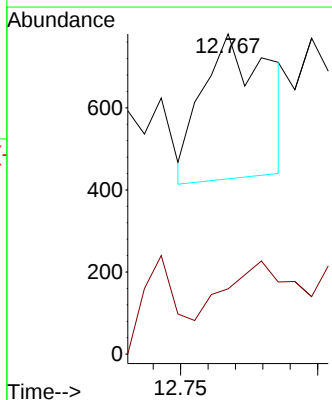
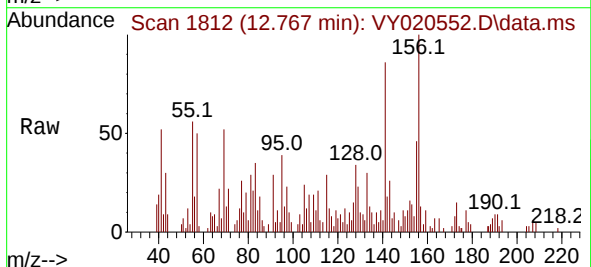
Instrument :
MSVOA_Y
ClientSampleId :

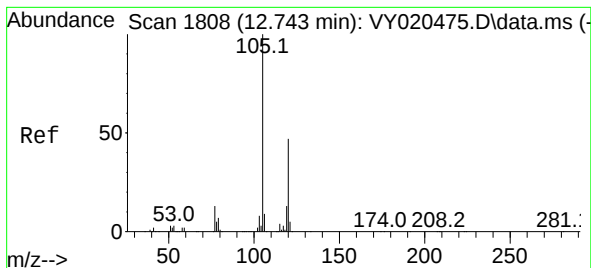
Tgt Ion: 91 Resp: 298
Ion Ratio Lower Upper
91 100
120 31.5 10.9 32.6



#79
2-Chlorotoluene
Concen: 4.133 ug/l
RT: 12.767 min Scan# 1812
Delta R.T. 0.079 min
Lab File: VY020552.D
Acq: 09 Dec 2024 13:47

Tgt Ion: 91 Resp: 584
Ion Ratio Lower Upper
91 100
126 46.6 16.4 49.1





#80

1,3,5-Trimethylbenzene

Concen: 1.310 ug/l

RT: 12.877 min Scan# 1

Delta R.T. 0.134 min

Lab File: VY020552.D

Acq: 09 Dec 2024 13:47

Instrument :

MSVOA_Y

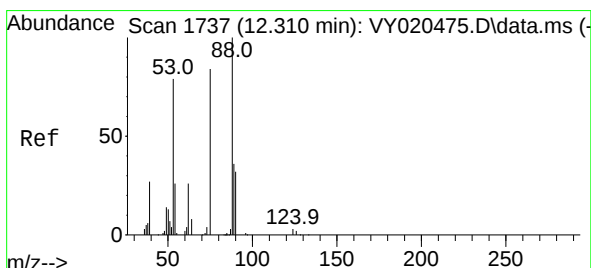
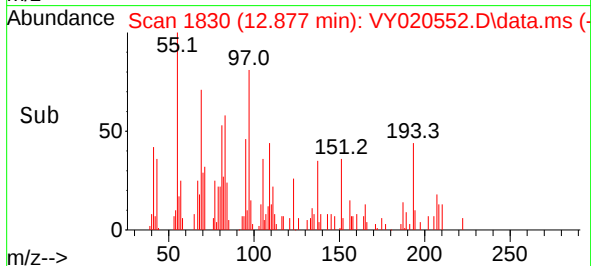
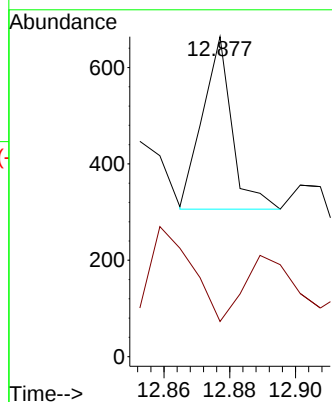
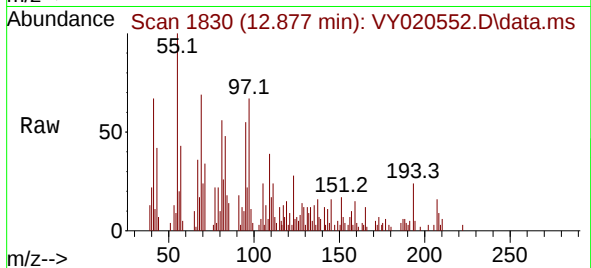
ClientSampleId :

Tgt Ion:105 Resp: 222

Ion Ratio Lower Upper

105 100

120 65.8 24.3 72.8



#81

trans-1,4-Dichloro-2-butene

Concen: 142.635 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.098 min

Lab File: VY020552.D

Acq: 09 Dec 2024 13:47

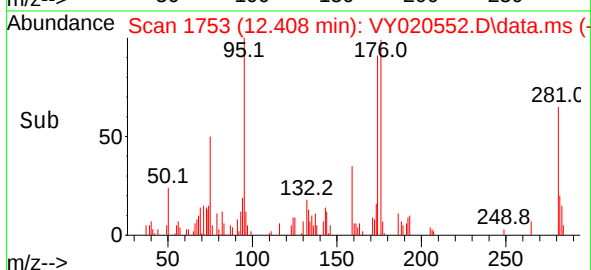
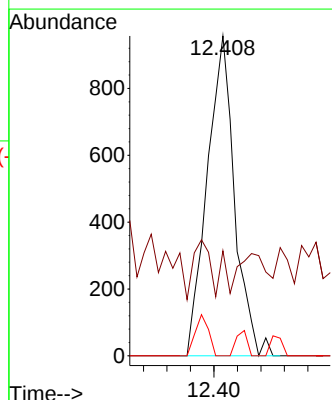
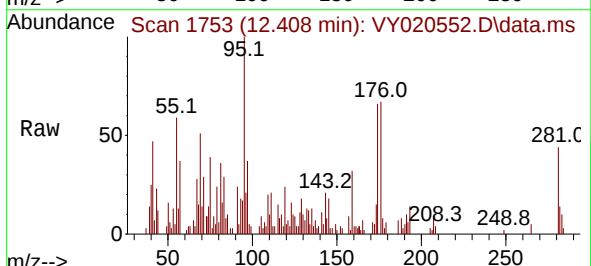
Tgt Ion: 75 Resp: 1548

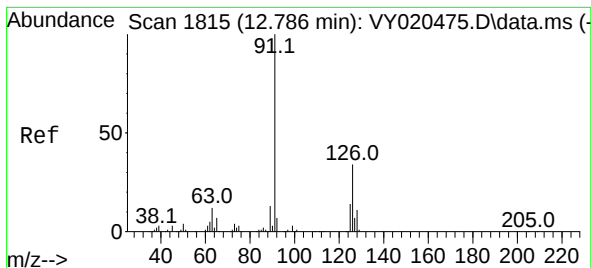
Ion Ratio Lower Upper

75 100

53 11.1 81.1 121.7#

89 6.3 35.1 52.7#

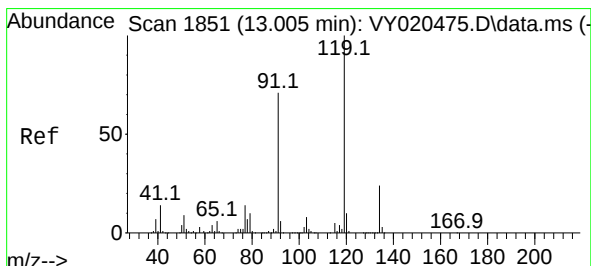
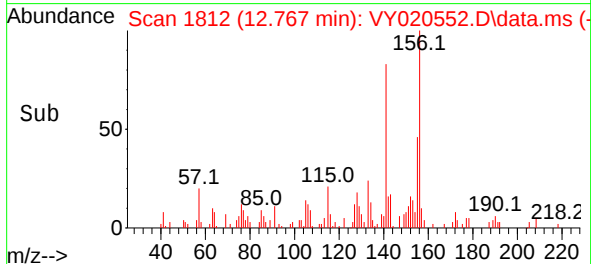
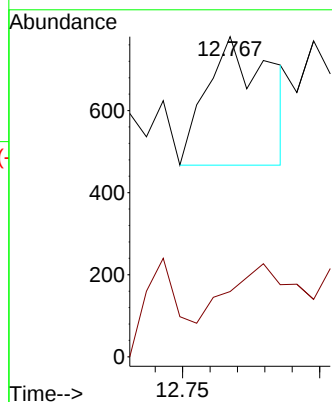
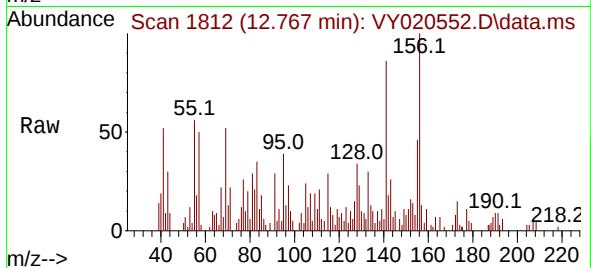




#82
4-Chlorotoluene
Concen: 3.440 ug/l
RT: 12.767 min Scan# 11
Delta R.T. -0.018 min
Lab File: VY020552.D
Acq: 09 Dec 2024 13:47

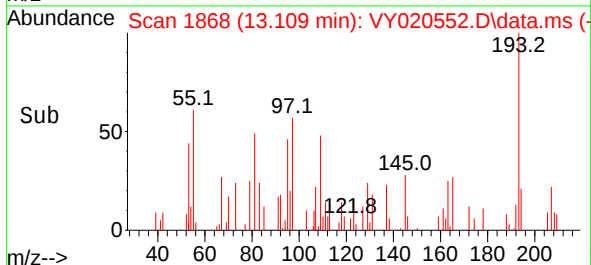
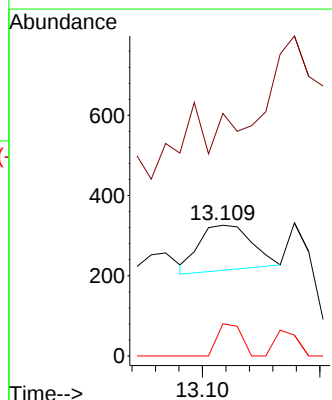
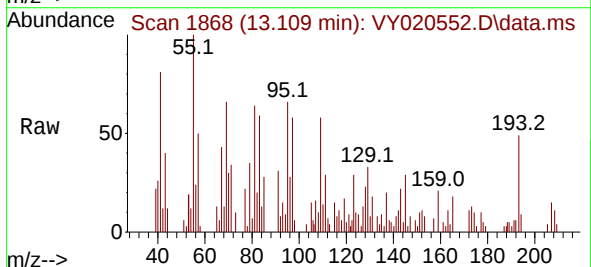
Instrument :
MSVOA_Y
ClientSampleId :

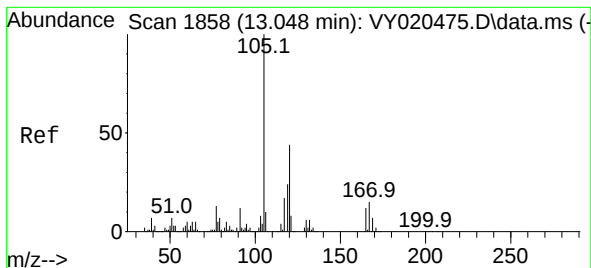
Tgt Ion: 91 Resp: 496
Ion Ratio Lower Upper
91 100
126 54.8 16.6 49.8#



#83
tert-Butylbenzene
Concen: 1.149 ug/l
RT: 13.109 min Scan# 1868
Delta R.T. 0.104 min
Lab File: VY020552.D
Acq: 09 Dec 2024 13:47

Tgt Ion:119 Resp: 176
Ion Ratio Lower Upper
119 100
91 88.1 33.3 99.9
134 31.8 13.0 38.9





#84

1,2,4-Trimethylbenzene

Concen: 2.349 ug/l

RT: 13.029 min Scan# 1855

Delta R.T. -0.018 min

Lab File: VY020552.D

Acq: 09 Dec 2024 13:47

Instrument :

MSVOA_Y

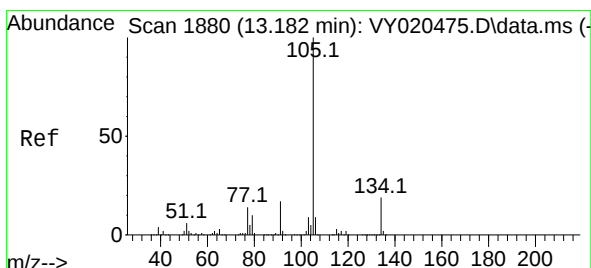
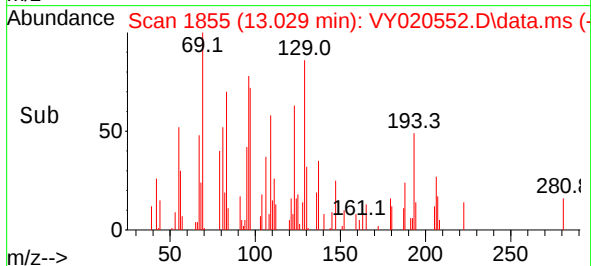
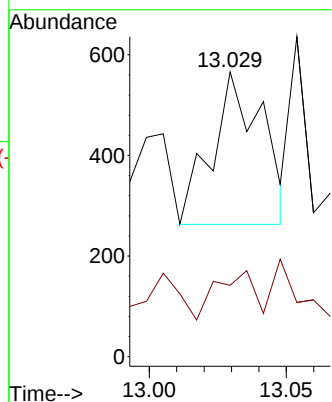
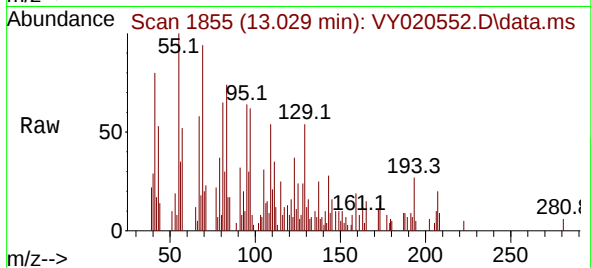
ClientSampleId :

Tgt Ion:105 Resp: 387

Ion Ratio Lower Upper

105 100

120 26.1 22.0 66.0



#85

sec-Butylbenzene

Concen: 5.309 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. -0.006 min

Lab File: VY020552.D

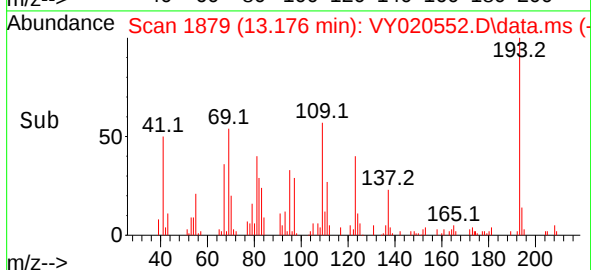
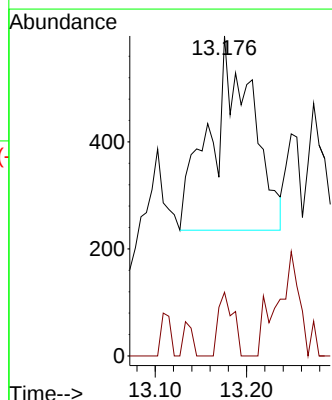
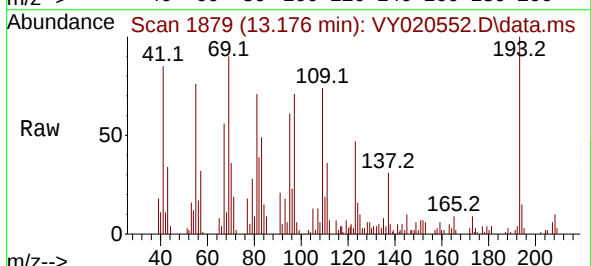
Acq: 09 Dec 2024 13:47

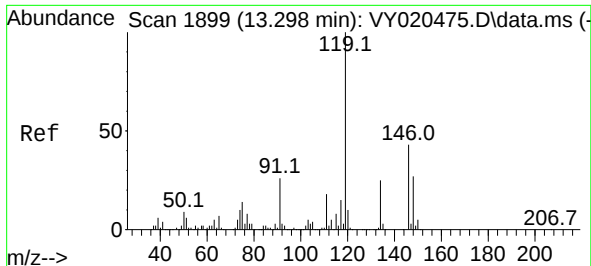
Tgt Ion:105 Resp: 1166

Ion Ratio Lower Upper

105 100

134 11.6 9.8 29.5

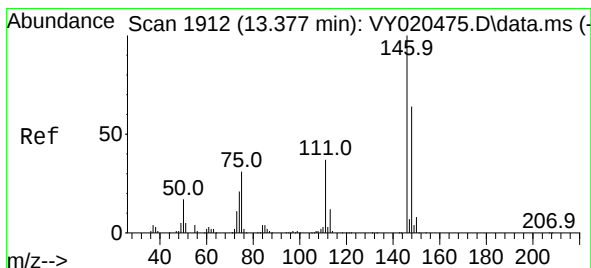
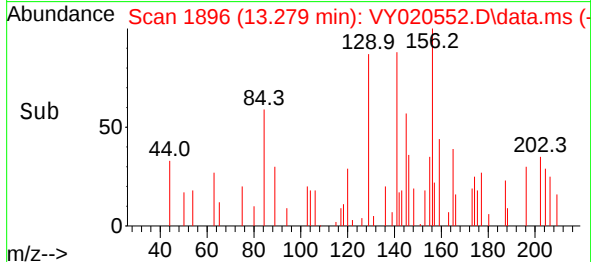
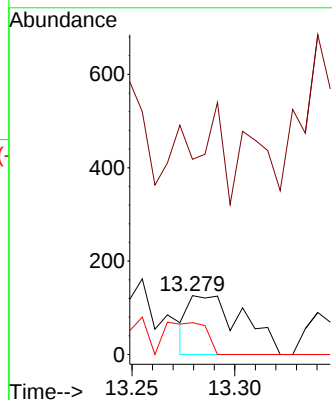
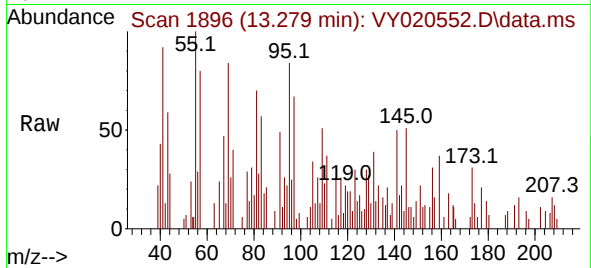




#87
1,3-Dichlorobenzene
Concen: 2.758 ug/l
RT: 13.279 min Scan# 11
Delta R.T. -0.018 min
Lab File: VY020552.D
Acq: 09 Dec 2024 13:47

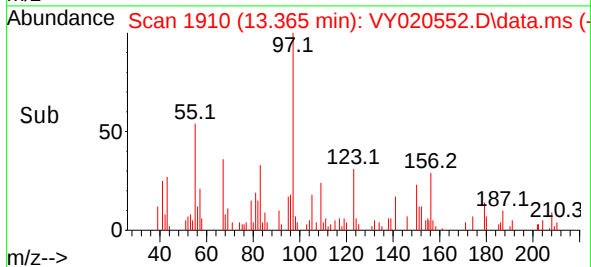
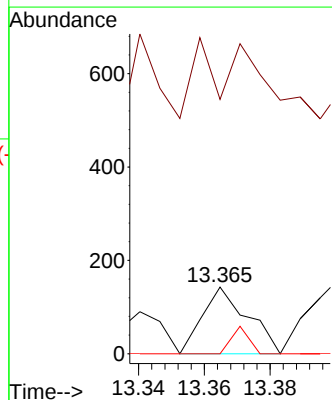
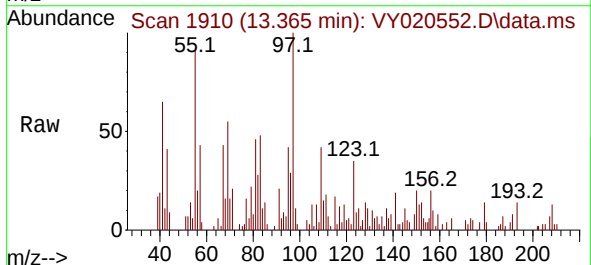
Instrument :
MSVOA_Y
ClientSampleId :

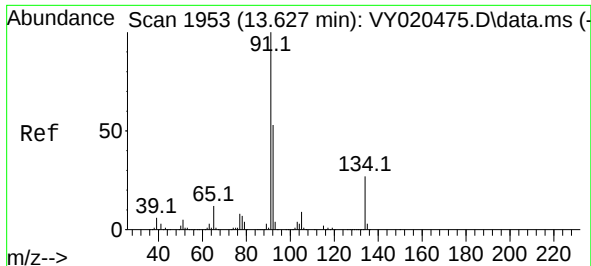
Tgt Ion:146 Resp: 233
Ion Ratio Lower Upper
146 100
111 0.0 20.5 61.6#
148 0.0 32.1 96.5#



#88
1,4-Dichlorobenzene
Concen: 1.645 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.012 min
Lab File: VY020552.D
Acq: 09 Dec 2024 13:47

Tgt Ion:146 Resp: 136
Ion Ratio Lower Upper
146 100
111 325.7 19.9 59.6#
148 16.2 32.0 96.2#





#89

n-Butylbenzene

Concen: 1.117 ug/l

RT: 13.609 min Scan# 1950

Delta R.T. -0.018 min

Lab File: VY020552.D

Acq: 09 Dec 2024 13:47

Instrument :

MSVOA_Y

ClientSampleId :

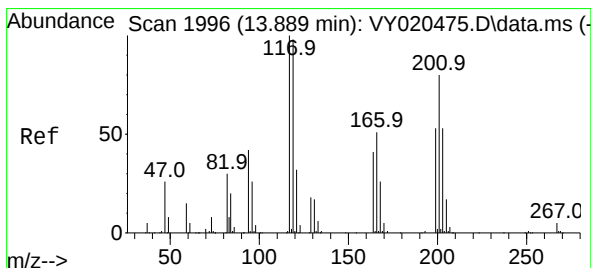
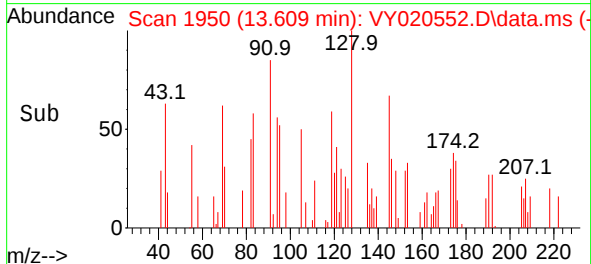
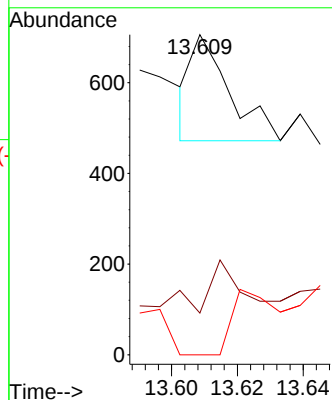
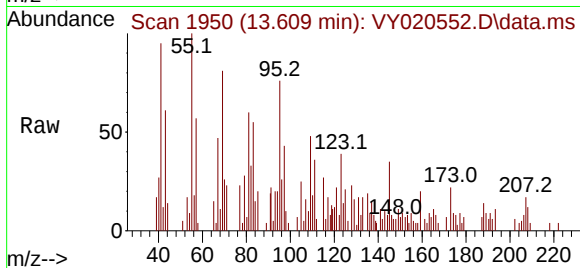
Tgt Ion: 91 Resp: 188

Ion Ratio Lower Upper

91 100

92 33.0 26.5 79.5

134 70.7 12.2 36.4#



#90

Hexachloroethane

Concen: 3.167 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. -0.006 min

Lab File: VY020552.D

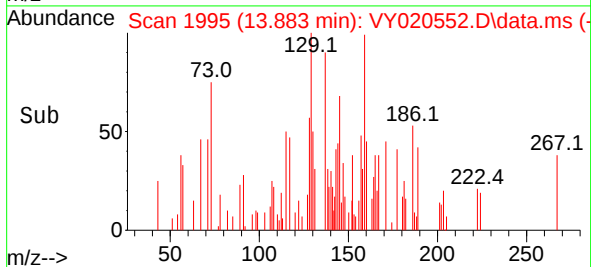
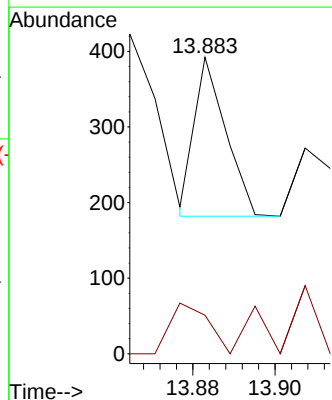
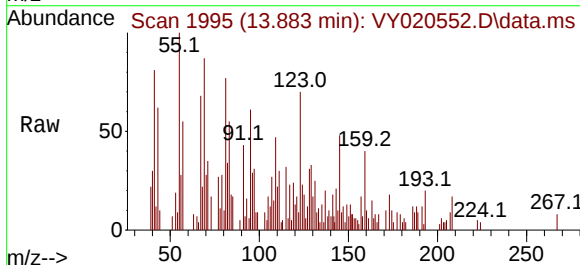
Acq: 09 Dec 2024 13:47

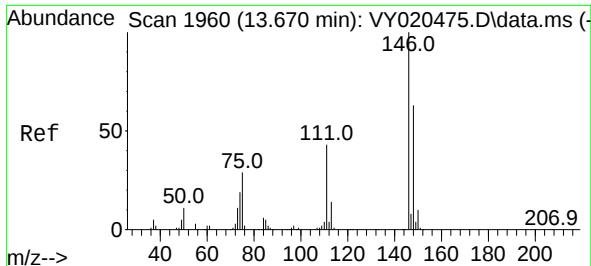
Tgt Ion: 117 Resp: 112

Ion Ratio Lower Upper

117 100

201 38.4 37.1 111.3





#91

1,2-Dichlorobenzene

Concen: 1.563 ug/l

RT: 13.657 min Scan# 1

Delta R.T. -0.012 min

Lab File: VY020552.D

Acq: 09 Dec 2024 13:47

Instrument :

MSVOA_Y

ClientSampleId :

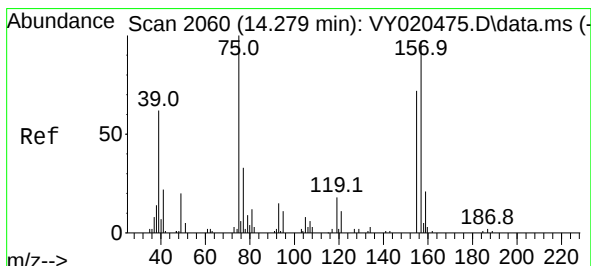
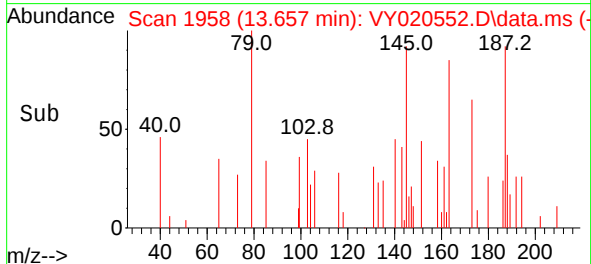
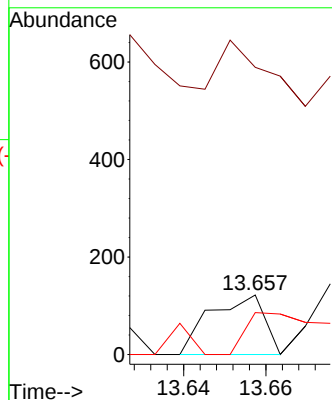
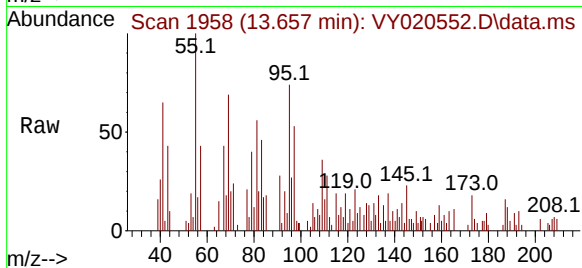
Tgt Ion:146 Resp: 112

Ion Ratio Lower Upper

146 100

111 0.0 20.8 62.5#

148 97.3 31.8 95.4#



#92

1,2-Dibromo-3-Chloropropane

Concen: 13.247 ug/l

RT: 14.255 min Scan# 2056

Delta R.T. -0.024 min

Lab File: VY020552.D

Acq: 09 Dec 2024 13:47

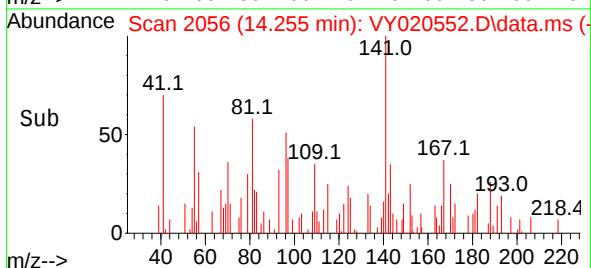
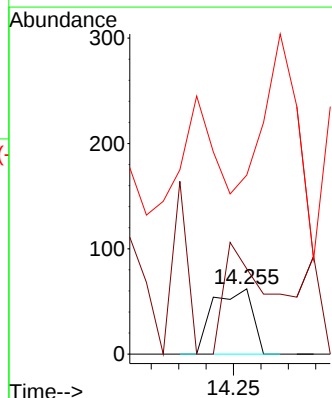
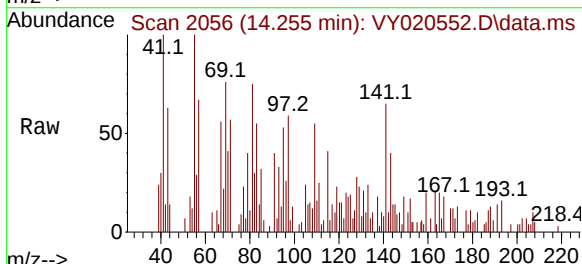
Tgt Ion: 75 Resp: 61

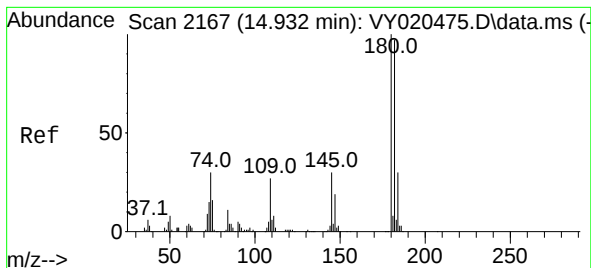
Ion Ratio Lower Upper

75 100

155 268.9 39.7 119.1#

157 341.0 52.6 157.8#





#93

1,2,4-Trichlorobenzene

Concen: 1.490 ug/l

RT: 14.932 min Scan# 2167

Delta R.T. -0.000 min

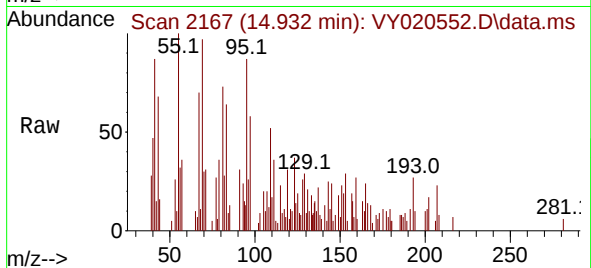
Lab File: VY020552.D

Acq: 09 Dec 2024 13:47

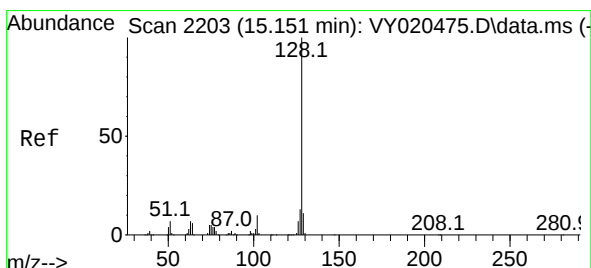
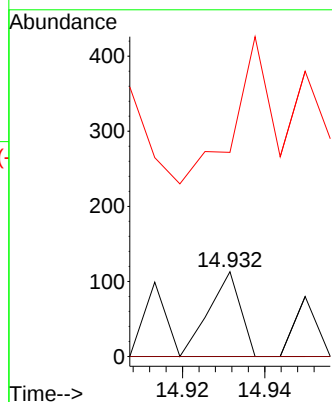
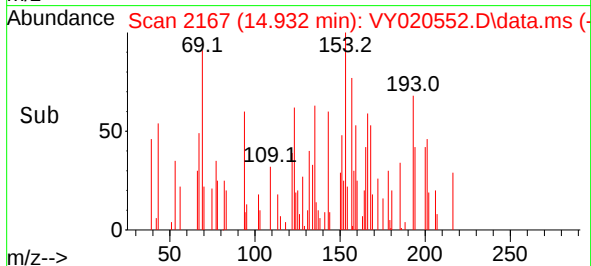
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	180	Resp:	60
Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.6	142.8#
145	581.7	15.8	47.3#



#95

Naphthalene

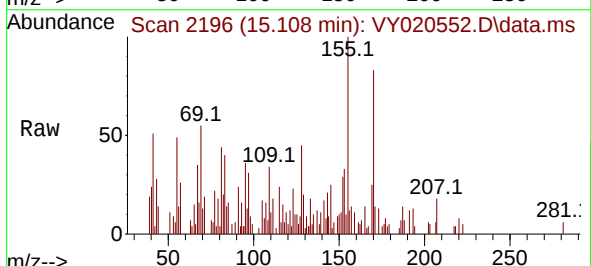
Concen: 11.920 ug/l

RT: 15.108 min Scan# 2196

Delta R.T. -0.043 min

Lab File: VY020552.D

Acq: 09 Dec 2024 13:47



Tgt Ion:	128	Resp:	777
Ion	Ratio	Lower	Upper
128	100		
127	22.3	10.5	15.7#
129	71.2	8.6	13.0#

