

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111522\
 Data File : VY011454.D
 Acq On : 15 Nov 2022 13:43
 Operator : KP/MD
 Sample : N5582-04
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 31979

Quant Time: Nov 15 15:02:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 10 17:47:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	147967	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	370405	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	329876	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	135692	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	132207	106.626	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 213.260%#	
35) Dibromofluoromethane	7.716	113	132194	63.682	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 127.360%	
50) Toluene-d8	10.179	98	360968	45.518	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 91.040%	
62) 4-Bromofluorobenzene	12.483	95	127693	46.165	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 92.320%	

Target Compounds			Qvalue			
2) Dichlorodifluoromethane	1.906	85	112	Below Cal	#	43
11) Tert butyl alcohol	4.942	59	5850	9.110	ug/l #	82
14) Allyl chloride	4.418	41	25545	14.257	ug/l #	37
15) Acrylonitrile	5.167	53	725	1.954	ug/l #	86
16) Acetone	3.948	43	3507	10.719	ug/l #	53
17) Carbon Disulfide	4.198	76	18855	4.768	ug/l	100
18) Methyl Acetate	4.478	43	6700	6.405	ug/l #	82
20) Methylene Chloride	4.722	84	57924	29.495	ug/l #	75
25) 2-Butanone	6.990	43	2245	4.817	ug/l #	89
26) 2,2-Dichloropropane	6.978	77	2360	1.013	ug/l #	55
29) Tetrahydrofuran	7.356	42	740	2.621	ug/l	91
31) Cyclohexane	7.789	56	2471	1.109	ug/l #	1
38) Carbon Tetrachloride	7.795	117	14029	4.003	ug/l #	15
49) 1,4-Dioxane	9.307	88	81	4.450	ug/l #	20
52) Toluene	10.246	92	36770	5.985	ug/l	96
67) Ethyl Benzene	11.593	91	133937	11.610	ug/l	97
68) m/p-Xylenes	11.703	106	202670	44.809	ug/l	93
69) o-Xylene	12.032	106	129199	30.286	ug/l	93
70) Styrene	12.032	104	9786	1.365	ug/l #	1
73) Isopropylbenzene	12.331	105	48451	5.166	ug/l	98
74) N-amyl acetate	12.123	43	3177	1.610	ug/l #	78
76) 1,2,3-Trichloropropane	12.739	75	4127	2.628	ug/l #	100
78) n-propylbenzene	12.672	91	169236	15.123	ug/l	98
79) 2-Chlorotoluene	12.739	91	61947	9.679	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.812	105	222353	28.109	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.483	75	62086	95.014	ug/l #	7
82) 4-Chlorotoluene	12.812	91	21398	3.221	ug/l #	41
83) tert-Butylbenzene	13.123	119	122771	17.951	ug/l #	76
84) 1,2,4-Trimethylbenzene	13.123	105	994985	128.145	ug/l	98
85) sec-Butylbenzene	13.251	105	70286	6.982	ug/l	89
86) p-Isopropyltoluene	13.373	119	53454	6.334	ug/l	96
89) n-Butylbenzene	13.696	91	93036	12.270	ug/l #	75
90) Hexachloroethane	13.971	117	36973	22.393	ug/l #	7
92) 1,2-Dibromo-3-Chloropr...	14.336	75	3213	10.944	ug/l #	9
95) Naphthalene	15.239	128	247202	48.274	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.446	180	5678	2.808	ug/l #	13

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Quant Title : SW846 8260
QLast Update : Thu Nov 10 17:47:26 2022
Response via : Initial Calibration

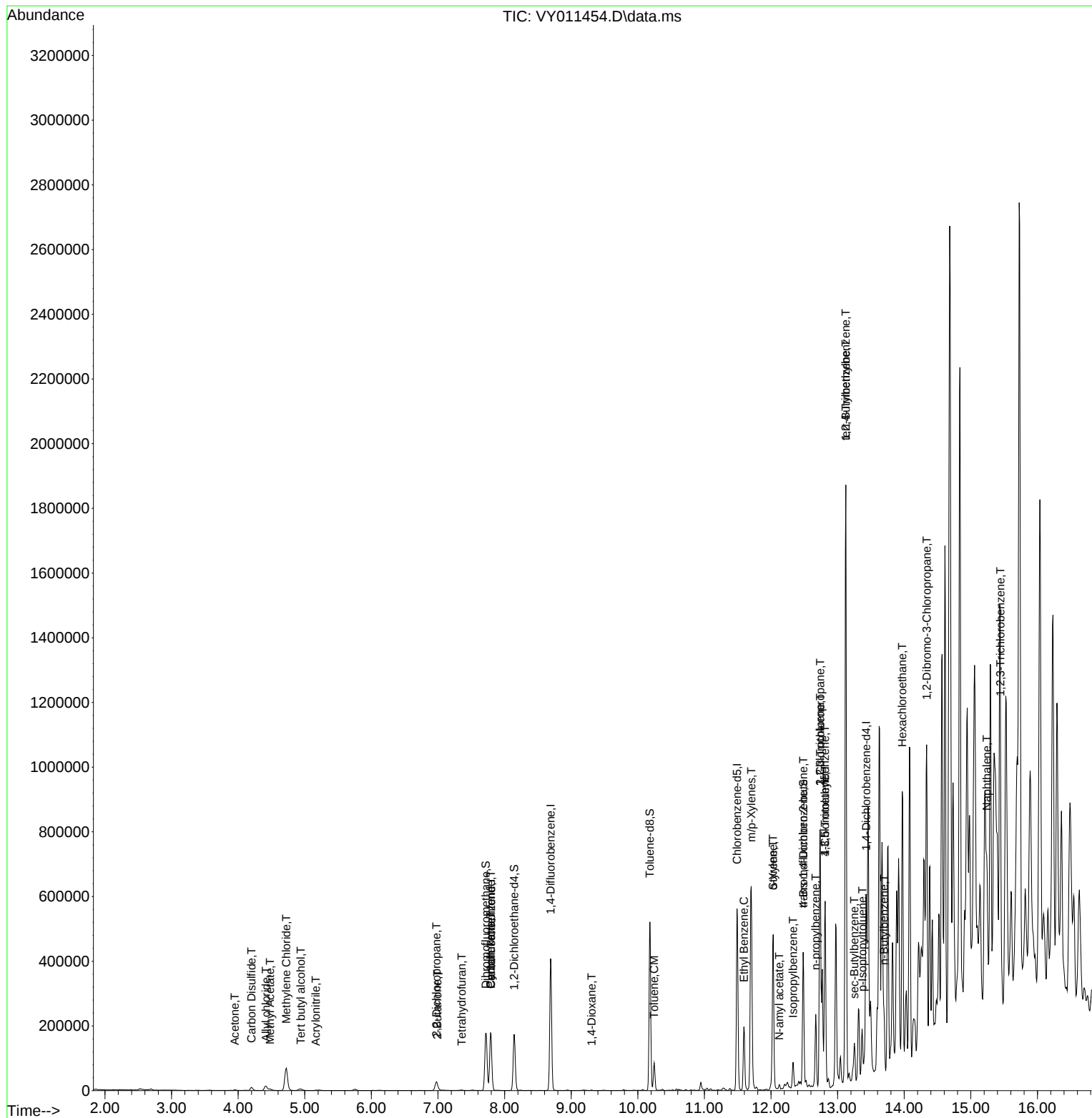
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

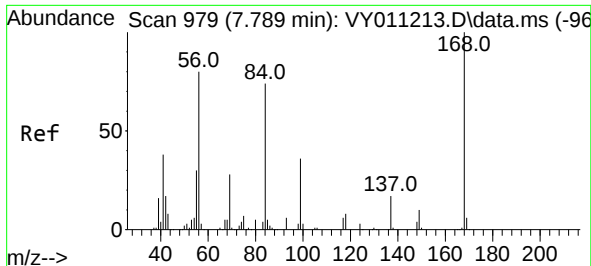
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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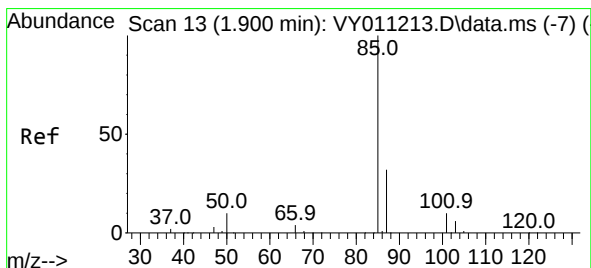
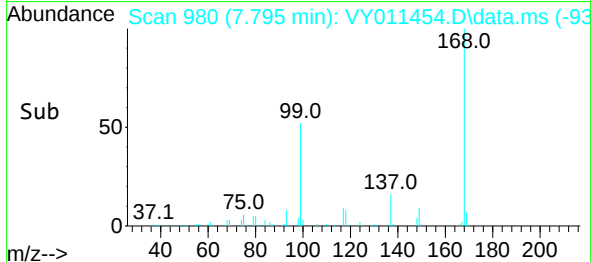
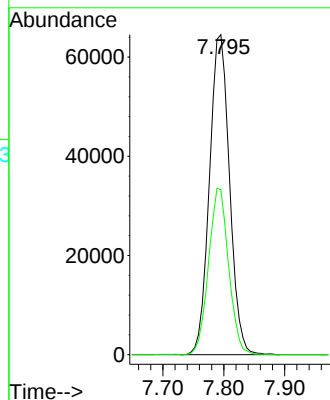
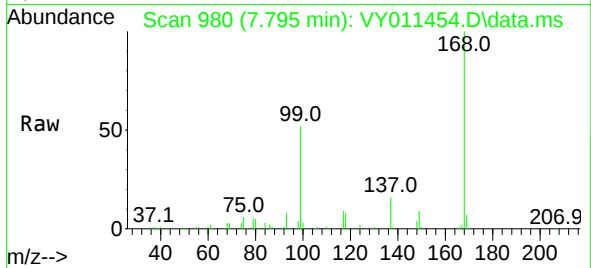




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011454.D
Acq: 15 Nov 2022 13:43

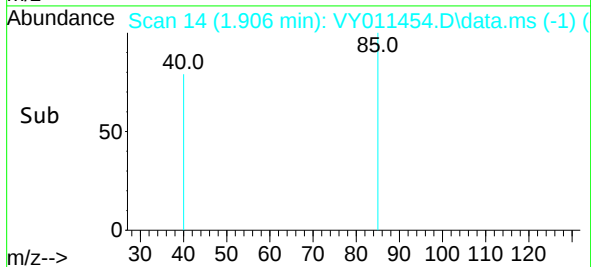
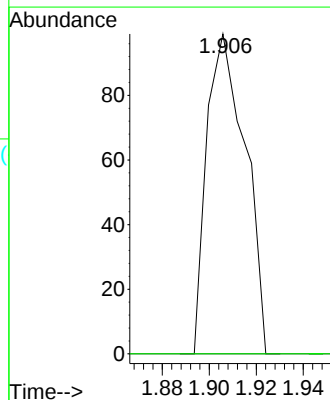
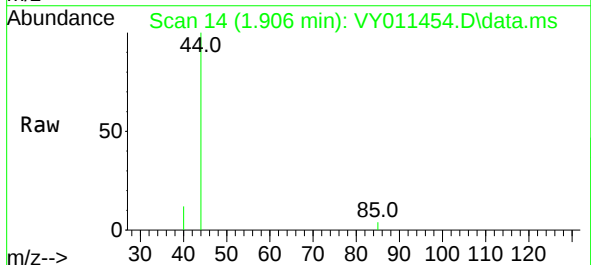
Instrument :
MSVOA_Y
ClientSampleId :
31979

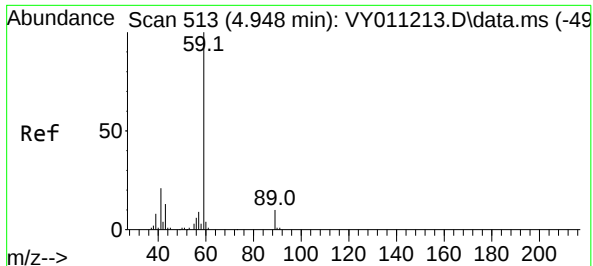
Tgt Ion:168 Resp: 147967
Ion Ratio Lower Upper
168 100
99 51.6 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY011454.D
Acq: 15 Nov 2022 13:43

Tgt Ion: 85 Resp: 112
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#





#11

Tert butyl alcohol

Concen: 9.110 ug/l

RT: 4.942 min Scan# 513

Delta R.T. -0.012 min

Lab File: VY011454.D

Acq: 15 Nov 2022 13:43

Instrument :

MSVOA_Y

ClientSampleId :

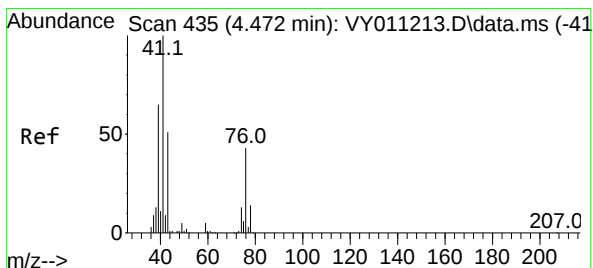
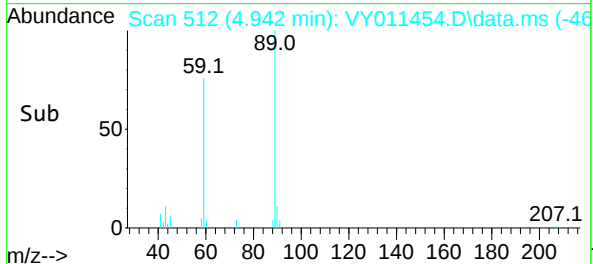
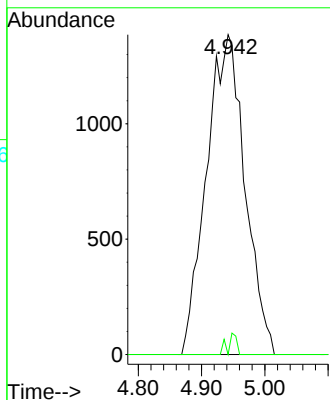
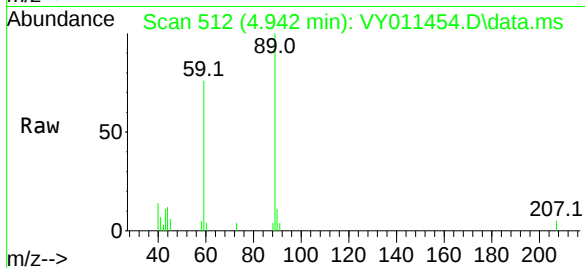
31979

Tgt Ion: 59 Resp: 5850

Ion Ratio Lower Upper

59 100

57 1.5 6.4 9.6#



#14

Allyl chloride

Concen: 14.257 ug/l

RT: 4.418 min Scan# 426

Delta R.T. -0.055 min

Lab File: VY011454.D

Acq: 15 Nov 2022 13:43

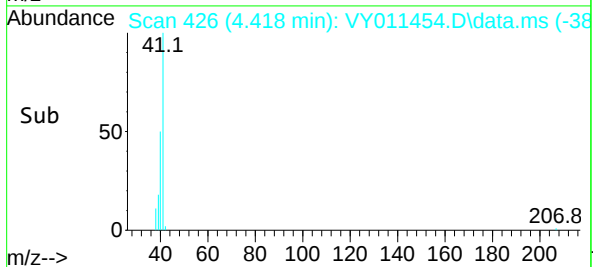
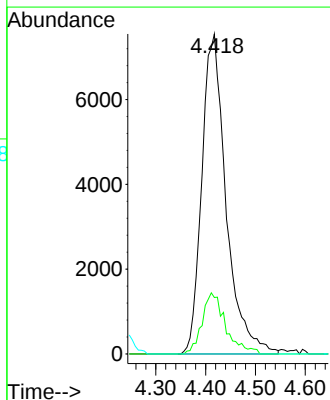
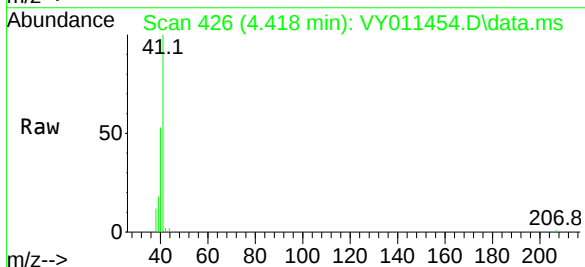
Tgt Ion: 41 Resp: 25545

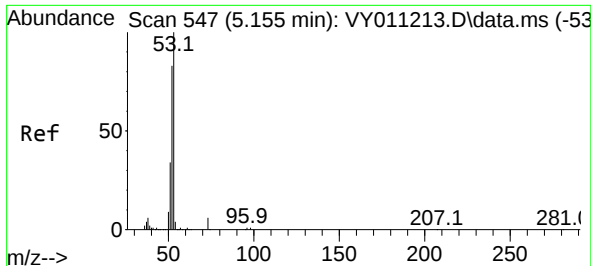
Ion Ratio Lower Upper

41 100

39 18.6 58.8 88.2#

76 0.0 25.1 37.7#

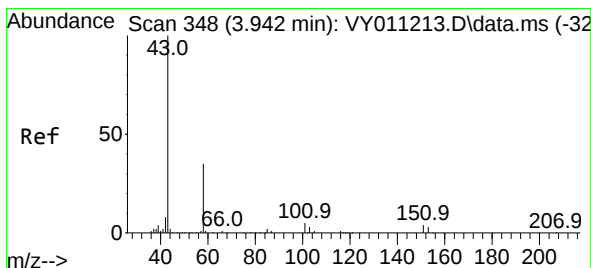
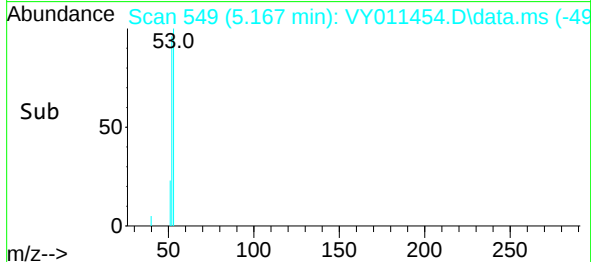
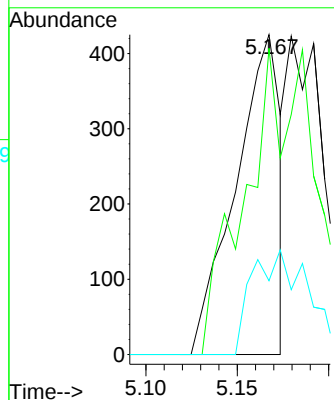
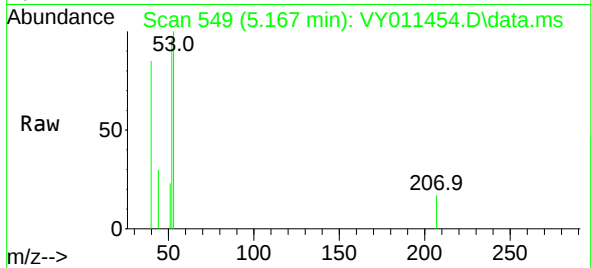




#15
Acrylonitrile
Concen: 1.954 ug/l
RT: 5.167 min Scan# 54
Delta R.T. 0.012 min
Lab File: VY011454.D
Acq: 15 Nov 2022 13:43

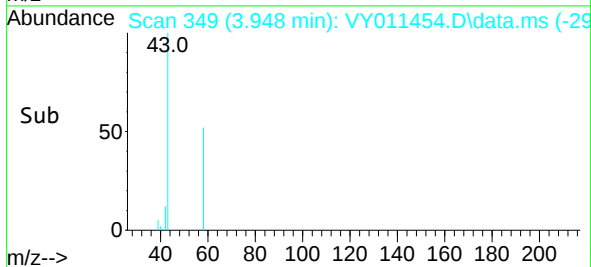
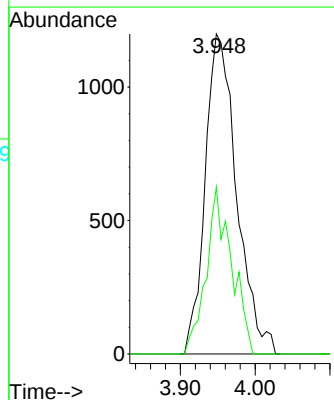
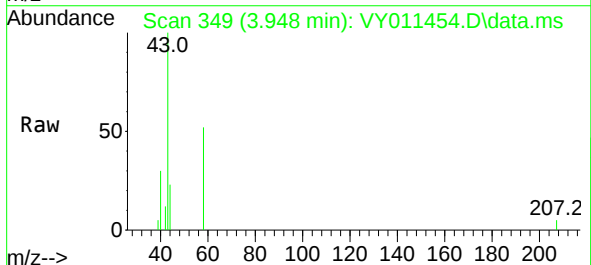
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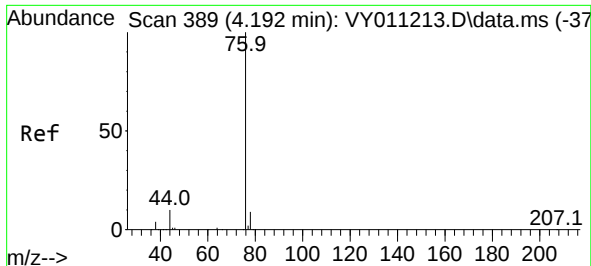
Tgt Ion: 53 Resp: 725
Ion Ratio Lower Upper
53 100
52 79.0 67.0 100.4
51 16.0 29.8 44.6#



#16
Acetone
Concen: 10.719 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY011454.D
Acq: 15 Nov 2022 13:43

Tgt Ion: 43 Resp: 3507
Ion Ratio Lower Upper
43 100
58 52.1 22.0 33.0#

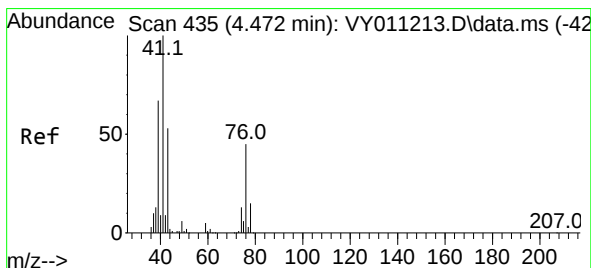
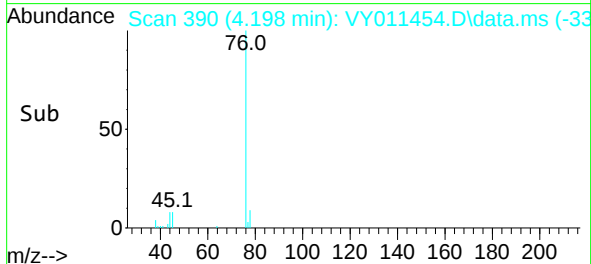
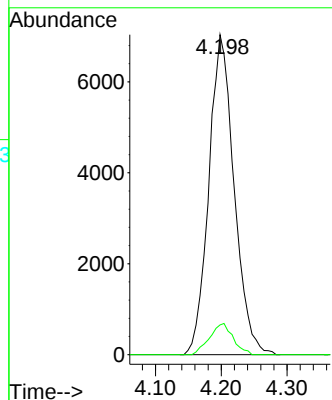
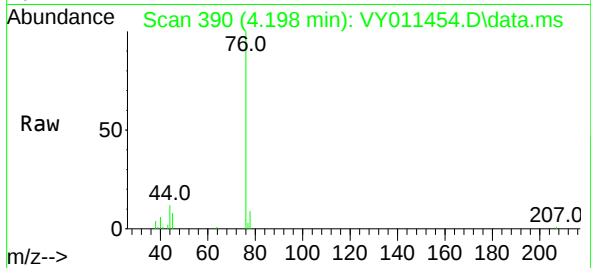




#17
Carbon Disulfide
Concen: 4.768 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.012 min
Lab File: VY011454.D
Acq: 15 Nov 2022 13:43

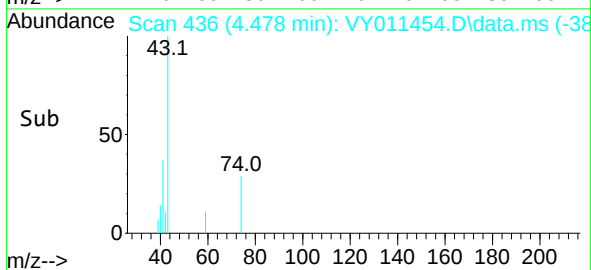
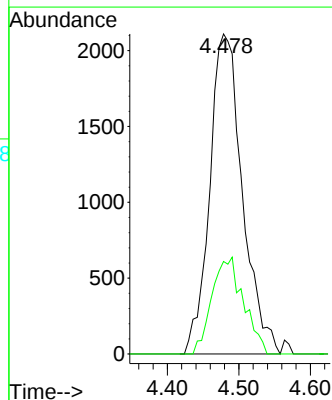
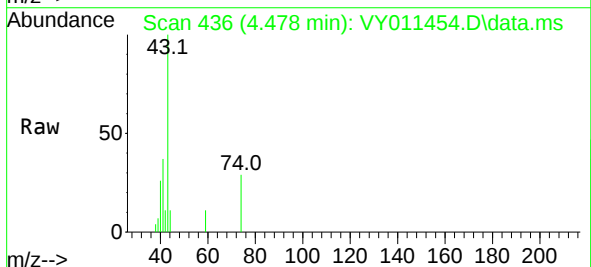
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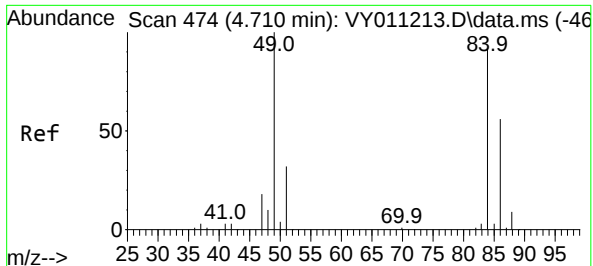
Tgt Ion: 76 Resp: 18855
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0



#18
Methyl Acetate
Concen: 6.405 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.005 min
Lab File: VY011454.D
Acq: 15 Nov 2022 13:43

Tgt Ion: 43 Resp: 6700
Ion Ratio Lower Upper
43 100
74 29.2 16.6 24.8#

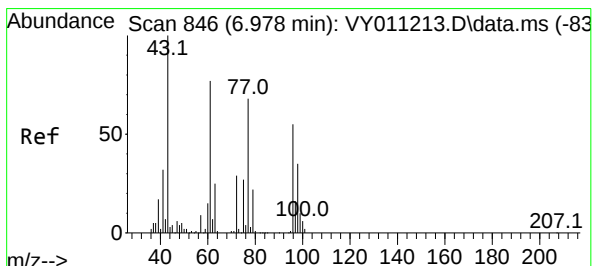
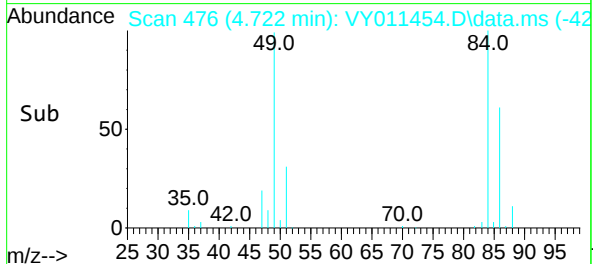
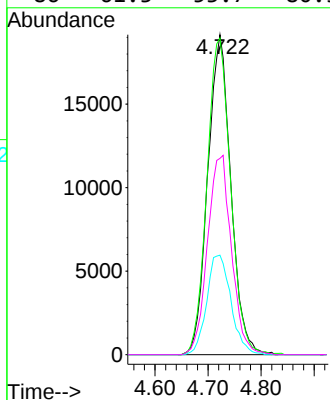
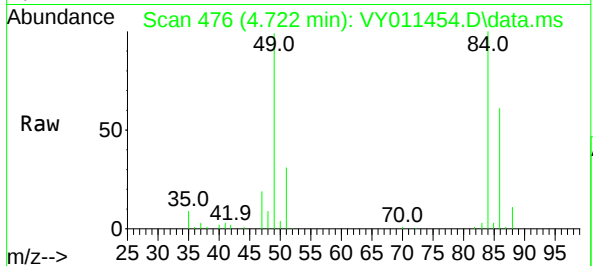




#20
Methylene Chloride
Concen: 29.495 ug/l
RT: 4.722 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY011454.D
Acq: 15 Nov 2022 13:43

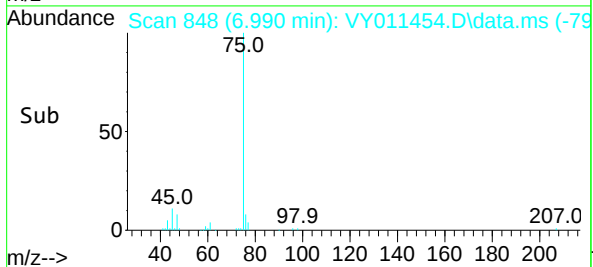
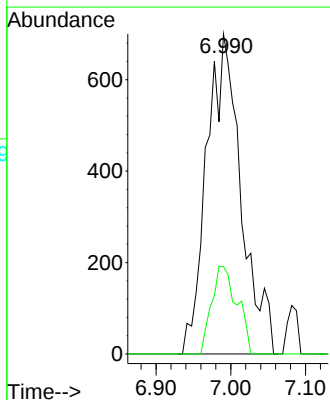
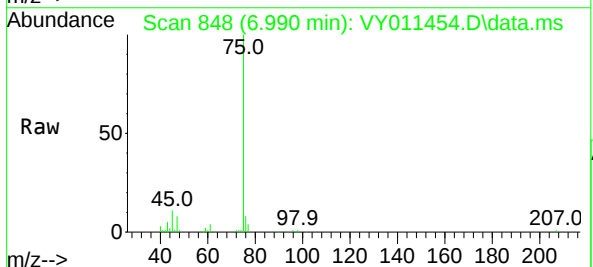
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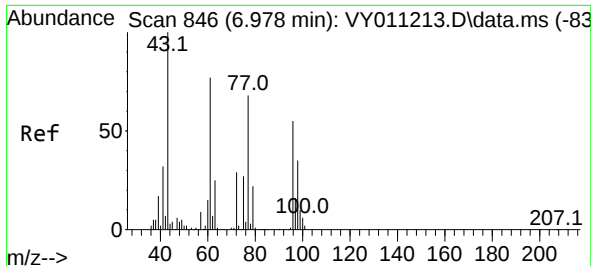
Tgt Ion: 84	Resp: 57924
Ion Ratio	Lower Upper
84 100	
49 99.0	114.4 171.6#
51 31.1	35.3 52.9#
86 61.3	53.7 80.5



#25
2-Butanone
Concen: 4.817 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.012 min
Lab File: VY011454.D
Acq: 15 Nov 2022 13:43

Tgt Ion: 43	Resp: 2245		
Ion Ratio	Lower	Upper	
43 100			
72 27.3	17.7	26.5#	





#26

2,2-Dichloropropane

Concen: 1.013 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY011454.D

Acq: 15 Nov 2022 13:43

Instrument :

MSVOA_Y

ClientSampleId :

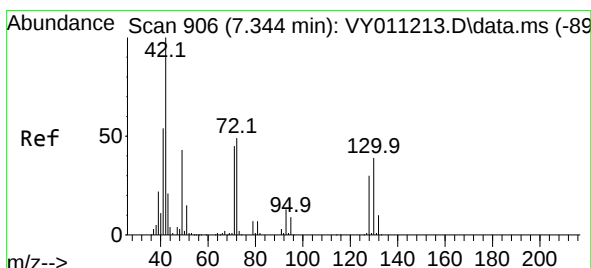
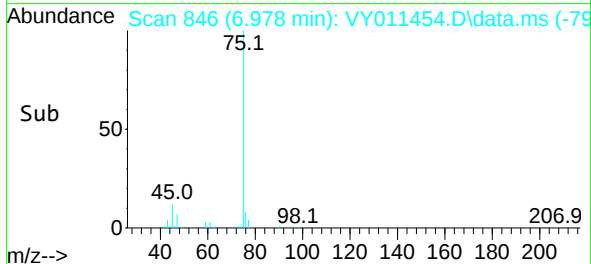
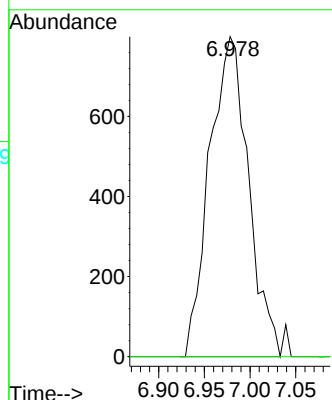
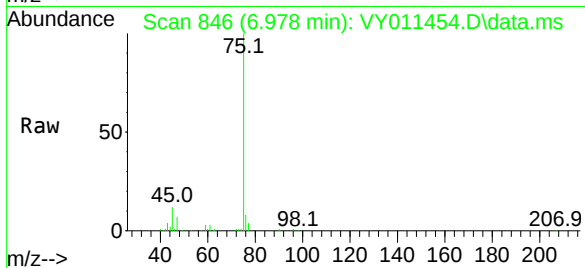
31979

Tgt Ion: 77 Resp: 2360

Ion Ratio Lower Upper

77 100

97 0.0 10.4 31.4#



#29

Tetrahydrofuran

Concen: 2.621 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.012 min

Lab File: VY011454.D

Acq: 15 Nov 2022 13:43

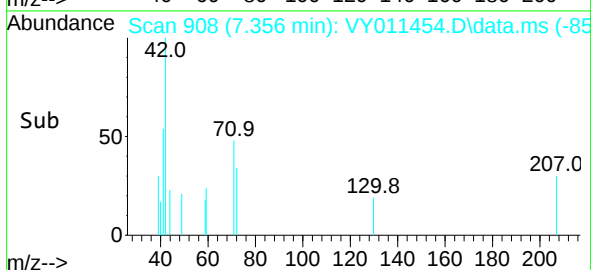
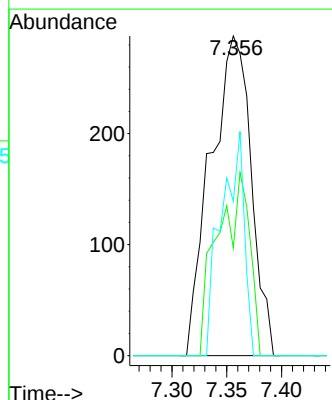
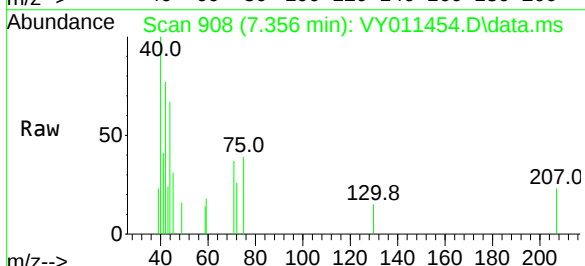
Tgt Ion: 42 Resp: 740

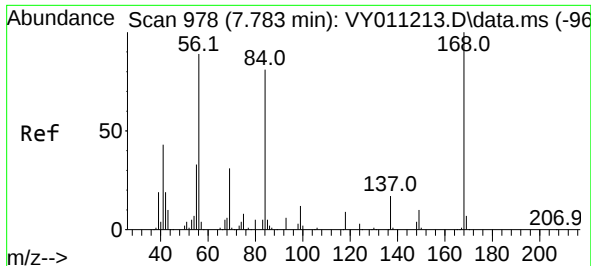
Ion Ratio Lower Upper

42 100

72 45.0 30.3 45.5

71 39.6 29.0 43.4

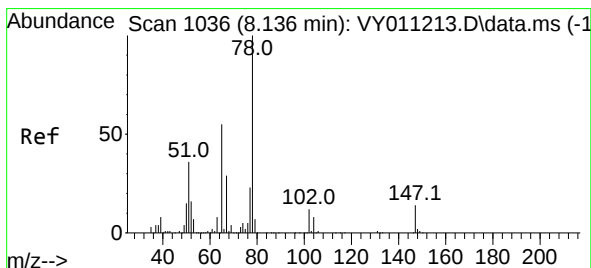
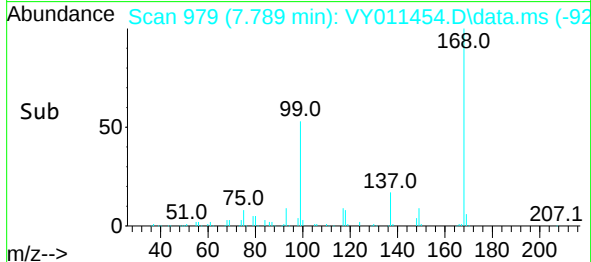
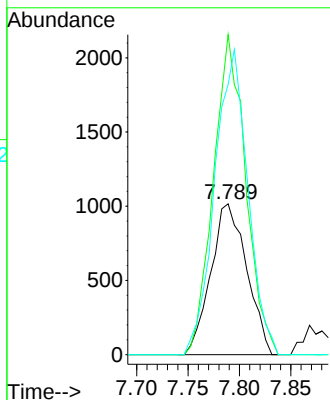
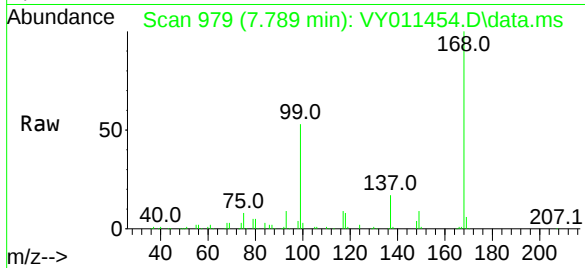




#31
Cyclohexane
Concen: 1.109 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011454.D
Acq: 15 Nov 2022 13:43

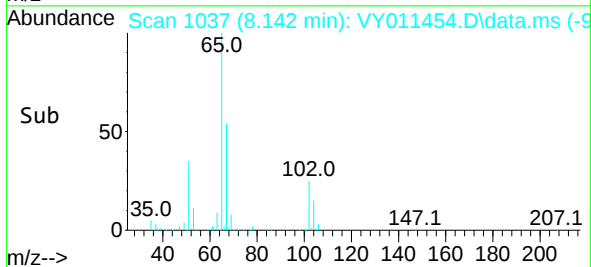
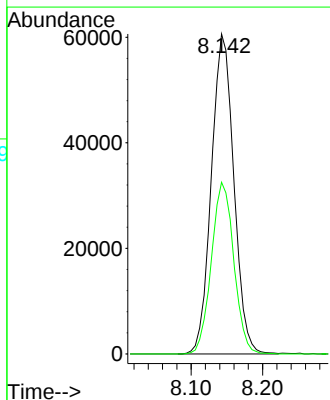
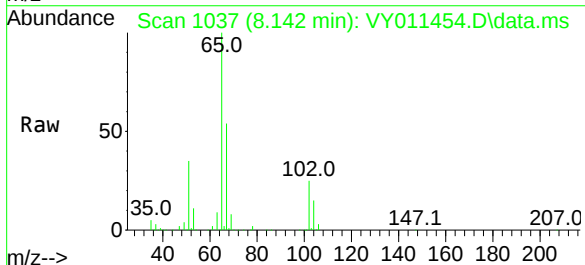
Instrument :
MSVOA_Y
ClientSampleId :
31979

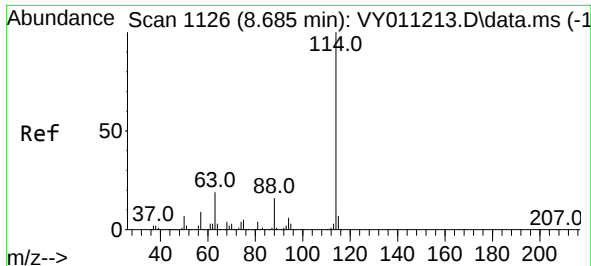
Tgt Ion: 56 Resp: 2471
Ion Ratio Lower Upper
56 100
69 212.2 26.7 40.1#
84 179.1 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 106.626 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY011454.D
Acq: 15 Nov 2022 13:43

Tgt Ion: 65 Resp: 132207
Ion Ratio Lower Upper
65 100
67 53.6 0.0 99.4

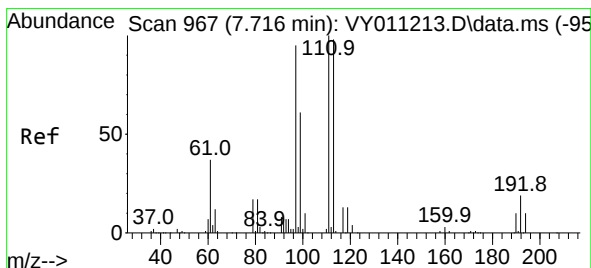
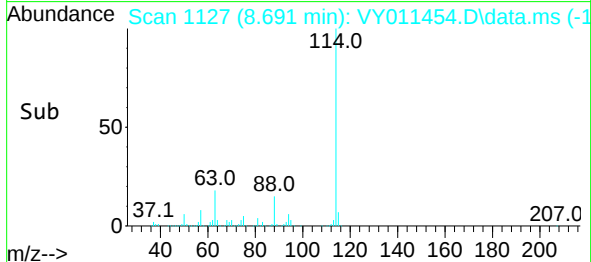
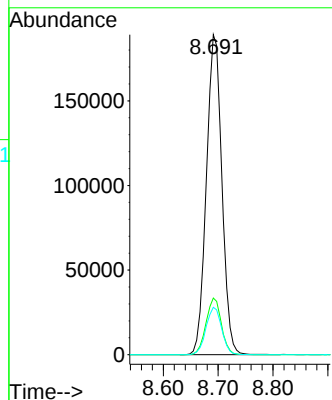
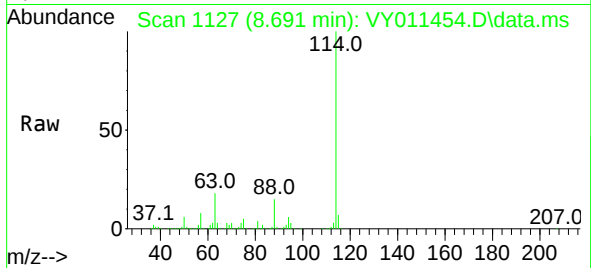




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VY011454.D
Acq: 15 Nov 2022 13:43

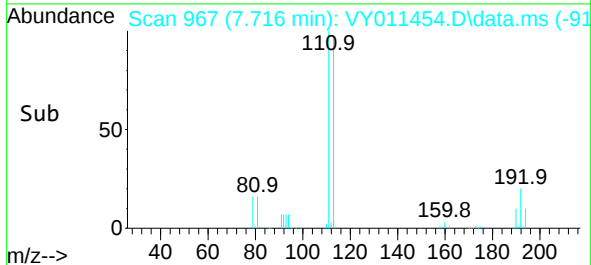
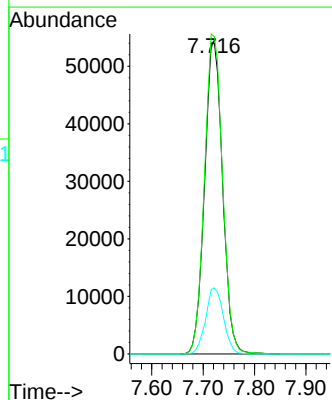
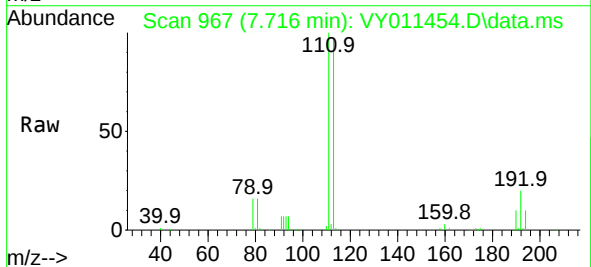
Instrument :
MSVOA_Y
ClientSampleId :
31979

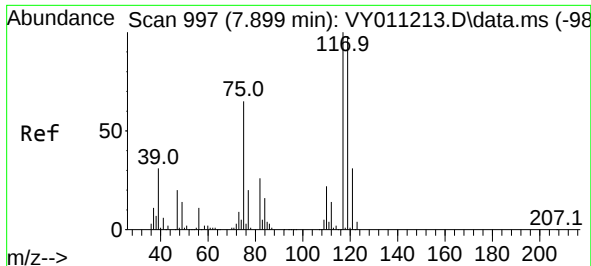
Tgt Ion:114 Resp: 370405
Ion Ratio Lower Upper
114 100
63 17.7 0.0 43.2
88 14.8 0.0 31.8



#35
Dibromofluoromethane
Concen: 63.682 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY011454.D
Acq: 15 Nov 2022 13:43

Tgt Ion:113 Resp: 132194
Ion Ratio Lower Upper
113 100
111 102.9 82.6 124.0
192 21.0 17.6 26.4

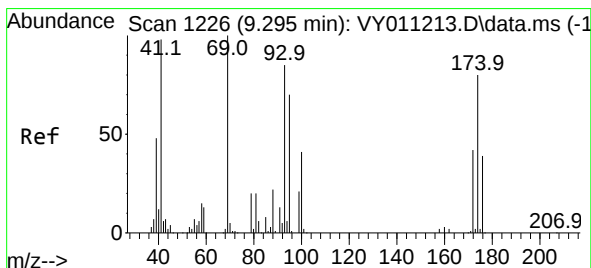
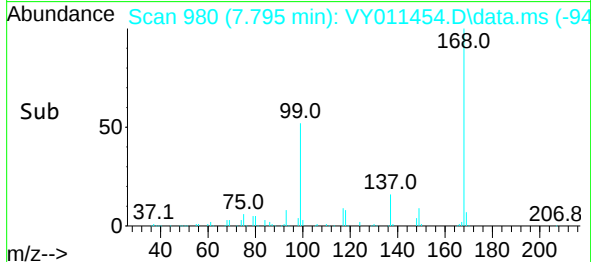
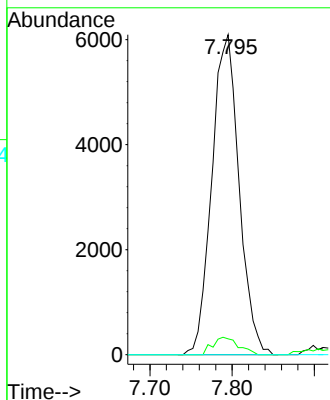
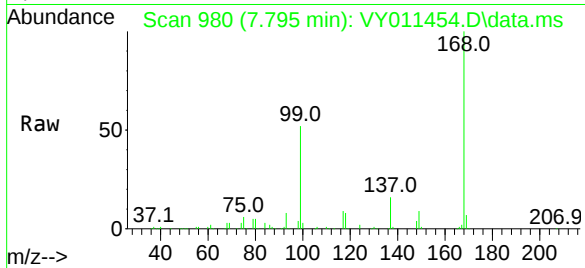




#38
Carbon Tetrachloride
Concen: 4.003 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY011454.D
Acq: 15 Nov 2022 13:43

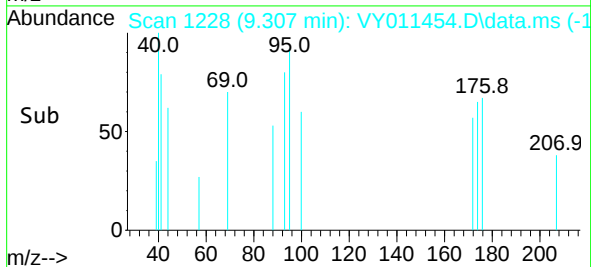
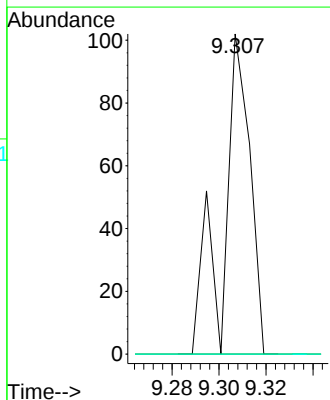
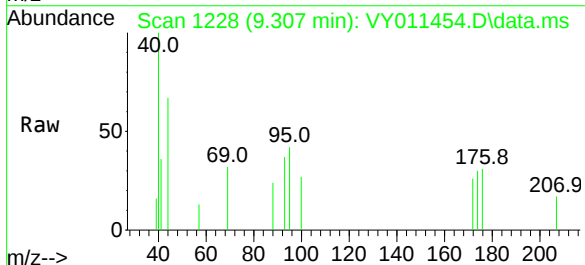
Instrument :
MSVOA_Y
ClientSampleId :
31979

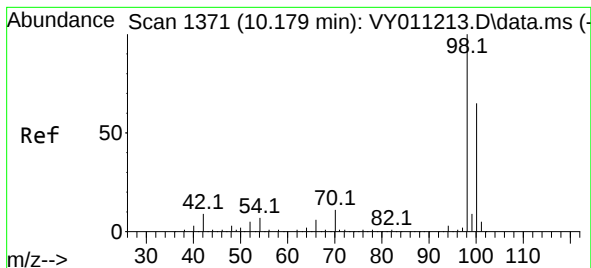
Tgt Ion:117 Resp: 14029
Ion Ratio Lower Upper
117 100
119 4.9 77.9 116.9#
121 0.0 24.8 37.2#



#49
1,4-Dioxane
Concen: 4.450 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.012 min
Lab File: VY011454.D
Acq: 15 Nov 2022 13:43

Tgt Ion: 88 Resp: 81
Ion Ratio Lower Upper
88 100
43 0.0 32.8 49.2#
58 0.0 59.8 89.6#

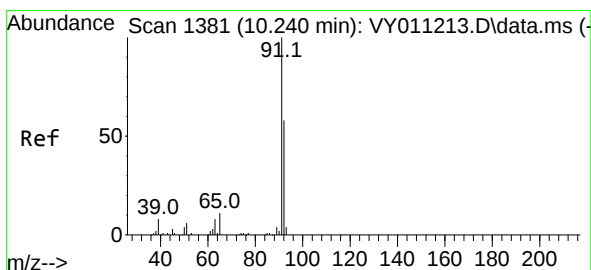
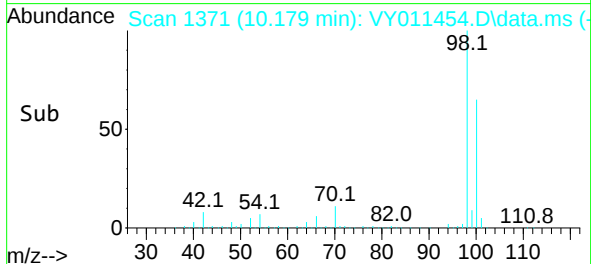
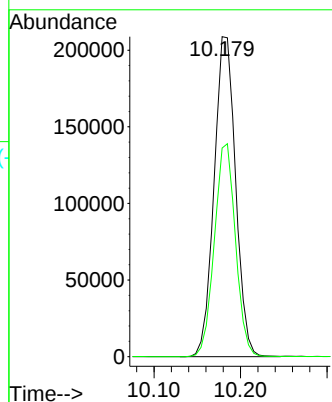
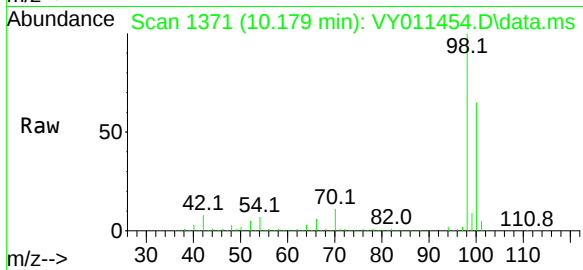




#50
Toluene-d8
Concen: 45.518 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011454.D
Acq: 15 Nov 2022 13:43

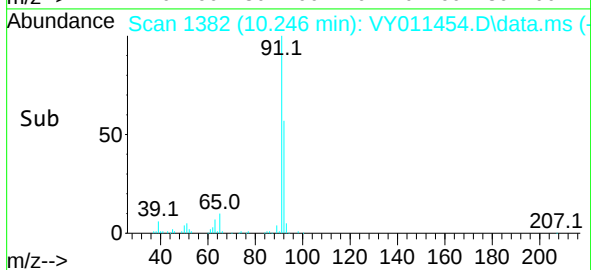
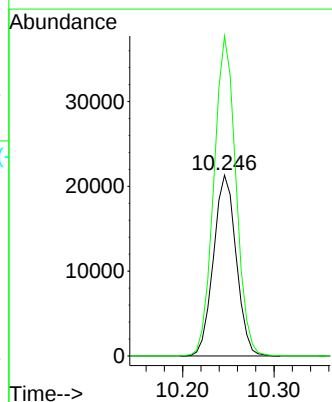
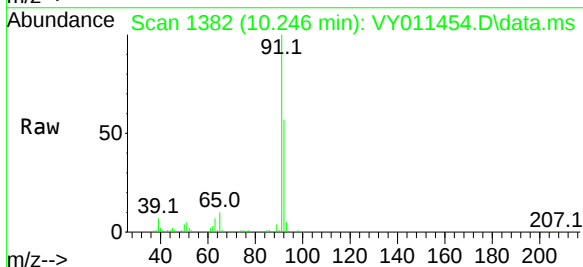
Instrument :
MSVOA_Y
ClientSampleId :
31979

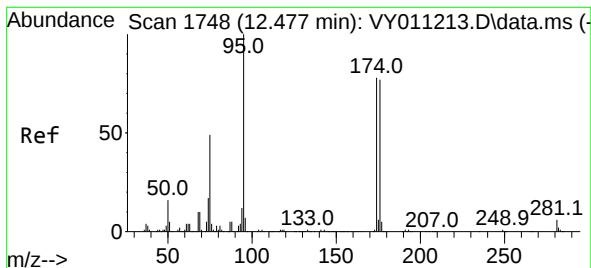
Tgt Ion: 98 Resp: 360968
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2



#52
Toluene
Concen: 5.985 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY011454.D
Acq: 15 Nov 2022 13:43

Tgt Ion: 92 Resp: 36770
Ion Ratio Lower Upper
92 100
91 172.4 142.6 213.8

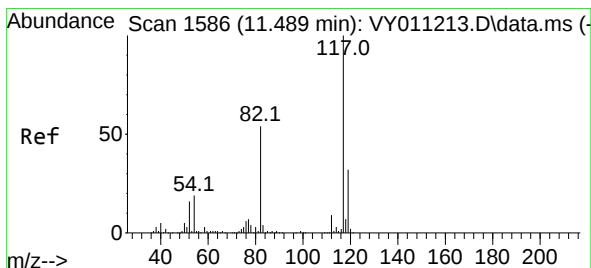
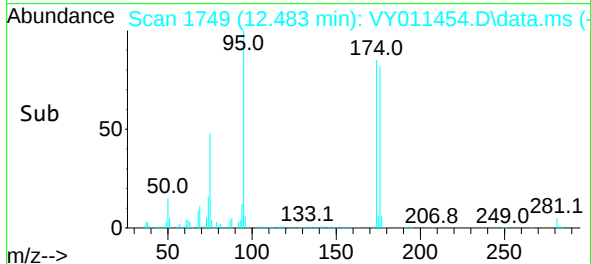
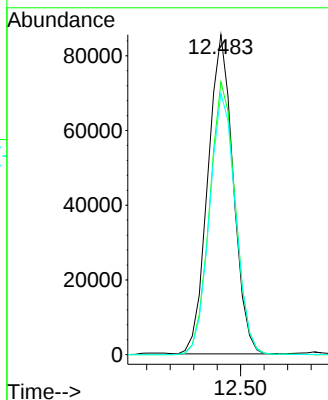
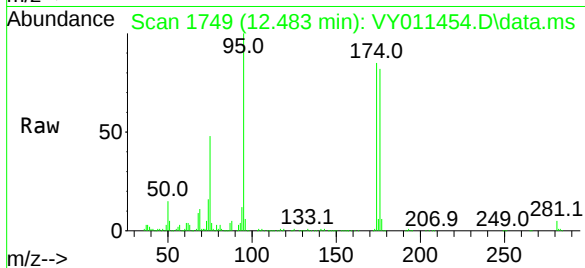




#62
4-Bromofluorobenzene
Concen: 46.165 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY011454.D
Acq: 15 Nov 2022 13:43

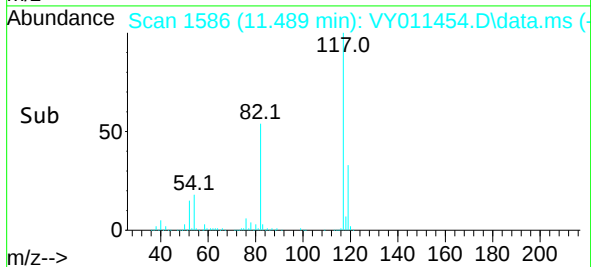
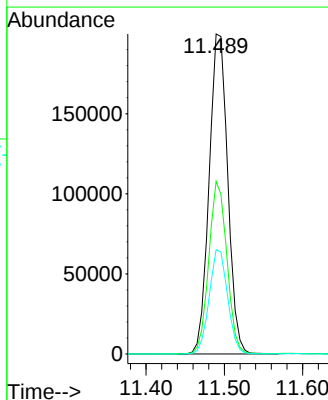
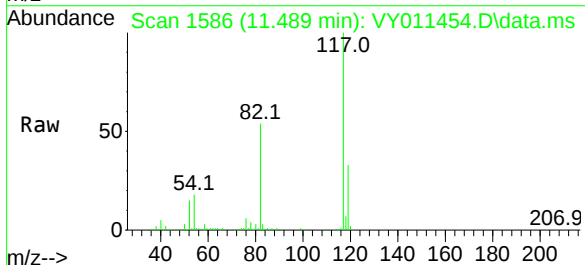
Instrument :
MSVOA_Y
ClientSampleId :
31979

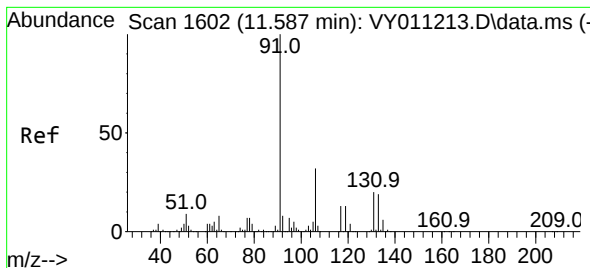
Tgt Ion: 95 Resp: 127693
Ion Ratio Lower Upper
95 100
174 87.2 0.0 177.0
176 84.1 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY011454.D
Acq: 15 Nov 2022 13:43

Tgt Ion: 117 Resp: 329876
Ion Ratio Lower Upper
117 100
82 53.9 43.0 64.4
119 32.6 25.4 38.0





#67

Ethyl Benzene

Concen: 11.610 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY011454.D

Acq: 15 Nov 2022 13:43

Instrument :

MSVOA_Y

ClientSampleId :

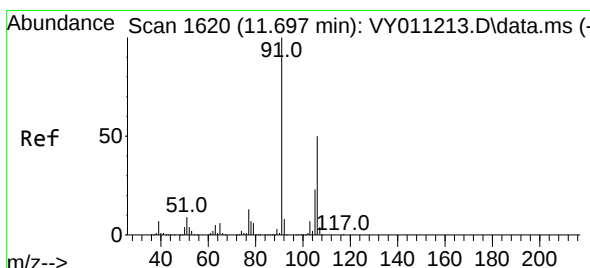
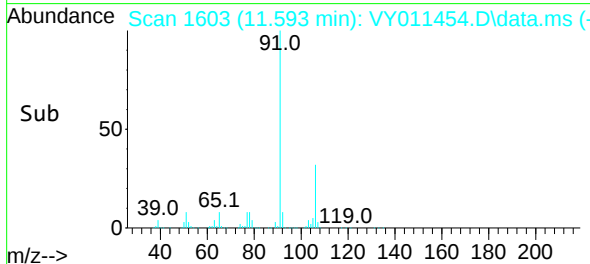
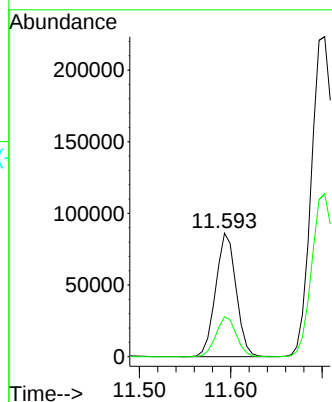
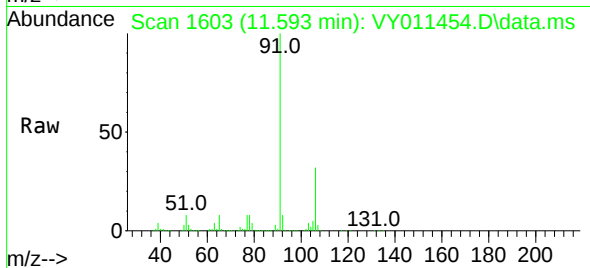
31979

Tgt Ion: 91 Resp: 133937

Ion Ratio Lower Upper

91 100

106 32.4 24.5 36.7



#68

m/p-Xylenes

Concen: 44.809 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY011454.D

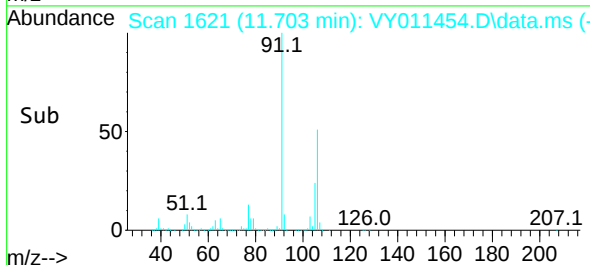
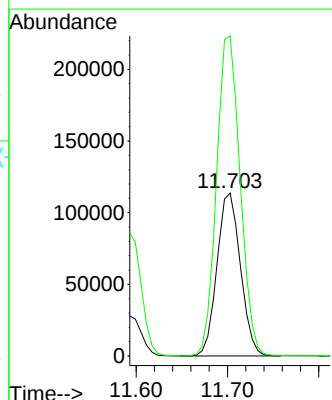
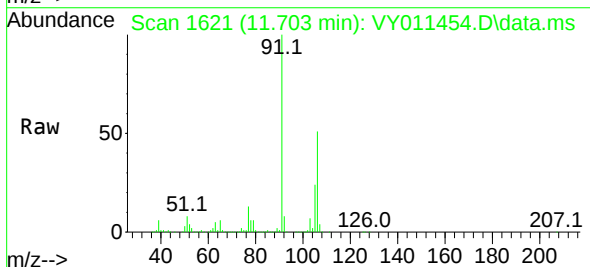
Acq: 15 Nov 2022 13:43

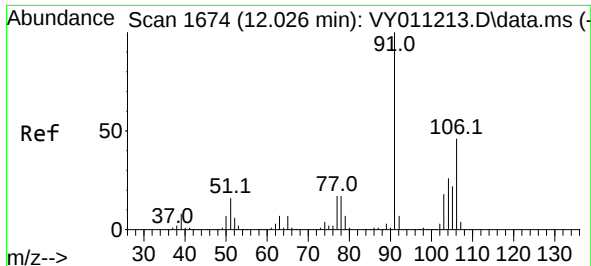
Tgt Ion:106 Resp: 202670

Ion Ratio Lower Upper

106 100

91 197.7 166.6 249.8

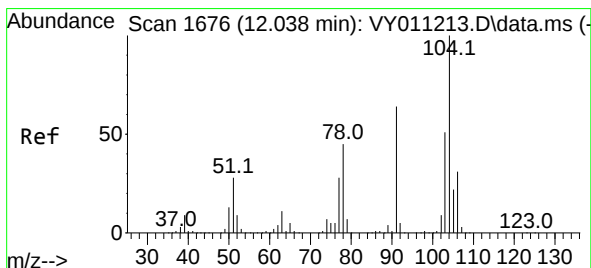
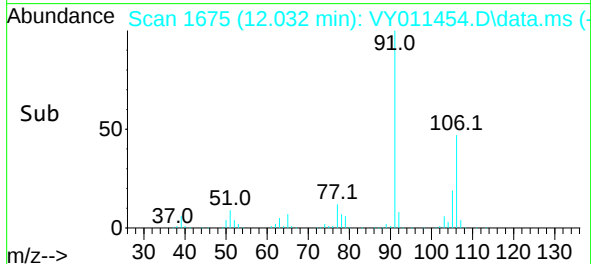
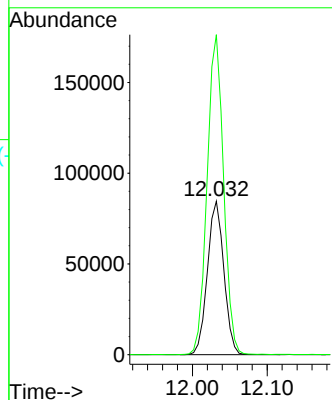
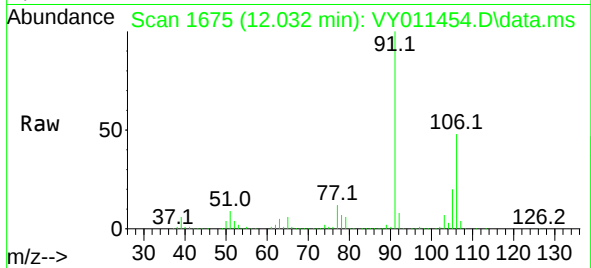




#69
o-Xylene
Concen: 30.286 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY011454.D
Acq: 15 Nov 2022 13:43

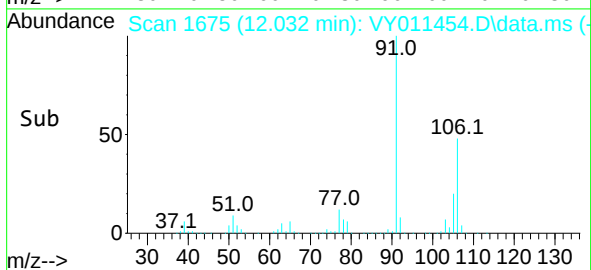
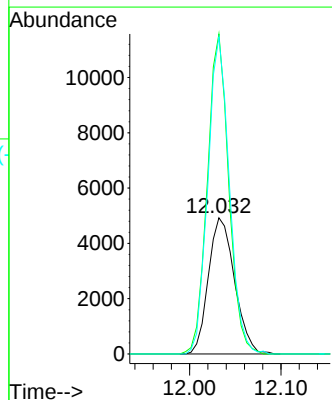
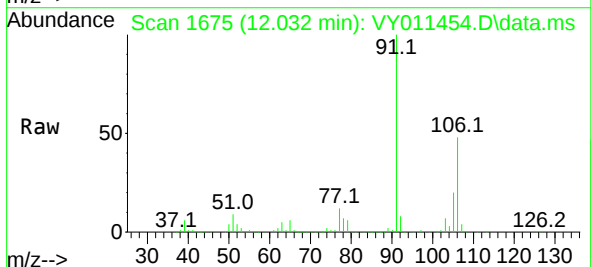
Instrument :
MSVOA_Y
ClientSampleId :
31979

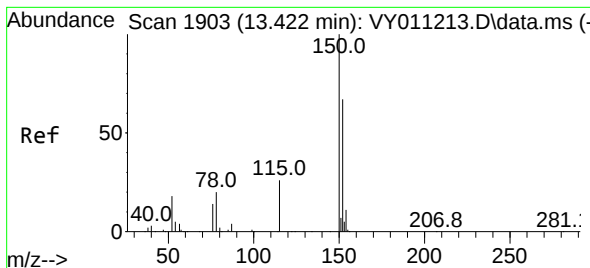
Tgt Ion:106 Resp: 129199
Ion Ratio Lower Upper
106 100
91 208.8 110.3 331.0



#70
Styrene
Concen: 1.365 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.012 min
Lab File: VY011454.D
Acq: 15 Nov 2022 13:43

Tgt Ion:104 Resp: 9786
Ion Ratio Lower Upper
104 100
78 192.0 42.4 63.6#
103 191.6 44.4 66.6#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1903

Delta R.T. 0.006 min

Lab File: VY011454.D

Acq: 15 Nov 2022 13:43

Instrument :

MSVOA_Y

ClientSampleId :

31979

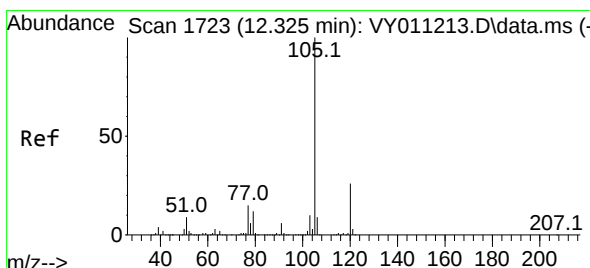
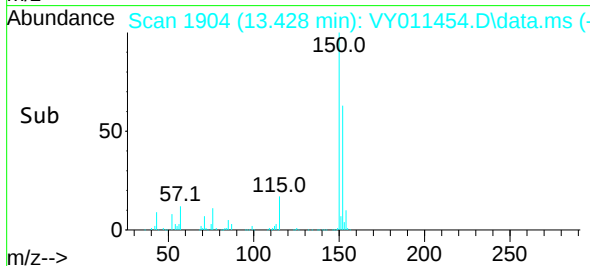
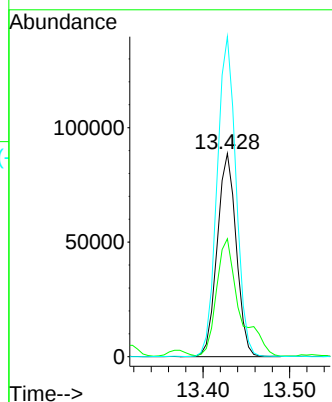
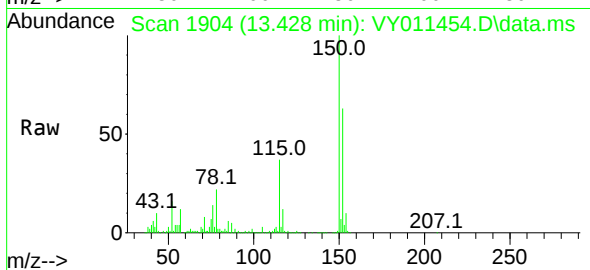
Tgt Ion:152 Resp: 135692

Ion Ratio Lower Upper

152 100

115 69.6 28.2 84.7

150 156.0 0.0 347.6



#73

Isopropylbenzene

Concen: 5.166 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. 0.006 min

Lab File: VY011454.D

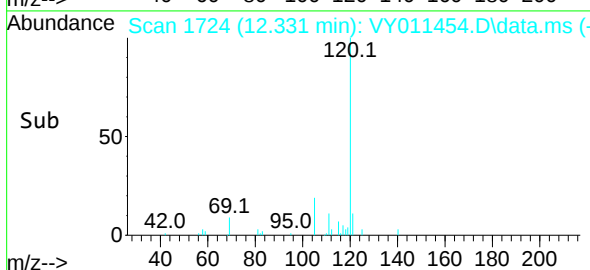
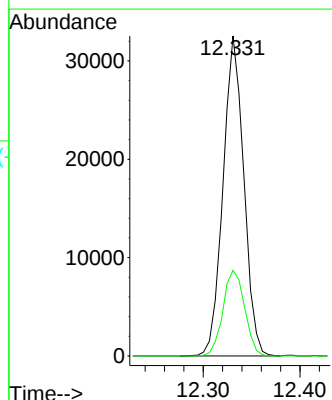
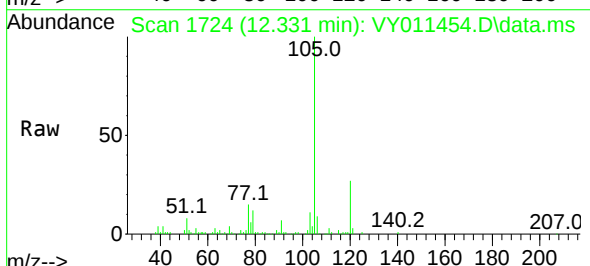
Acq: 15 Nov 2022 13:43

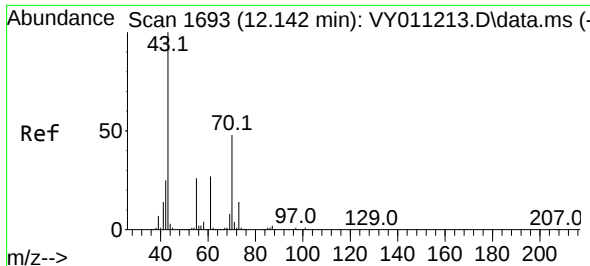
Tgt Ion:105 Resp: 48451

Ion Ratio Lower Upper

105 100

120 27.9 13.4 40.2

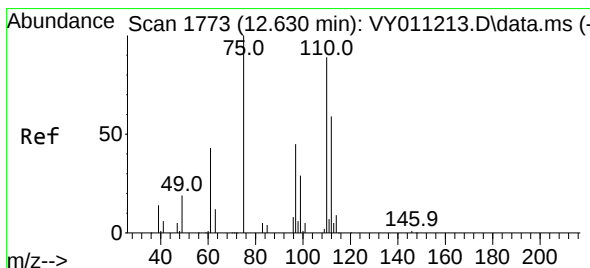
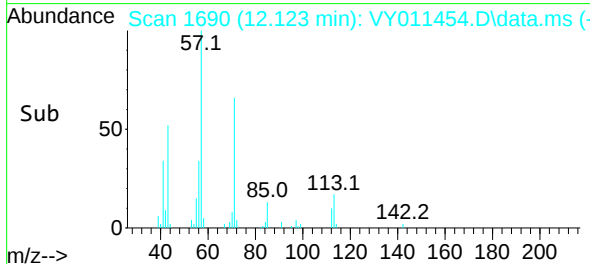
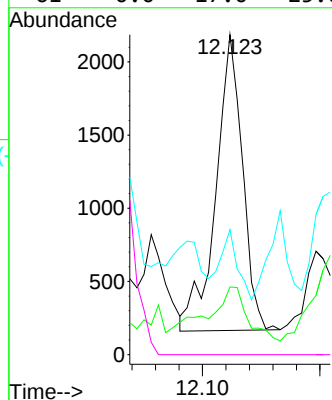
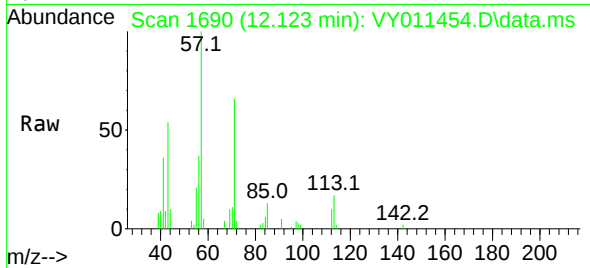




#74
N-amy1 acetate
Concen: 1.610 ug/l
RT: 12.123 min Scan# 1790
Delta R.T. -0.019 min
Lab File: VY011454.D
Acq: 15 Nov 2022 13:43

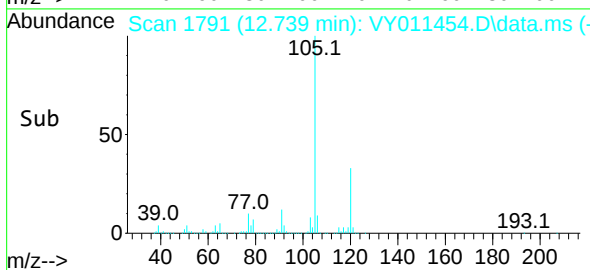
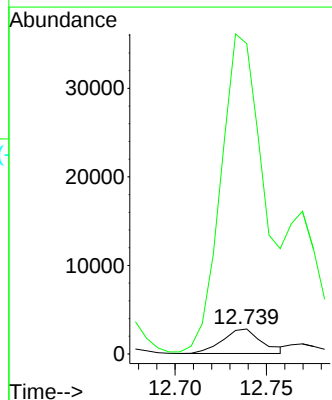
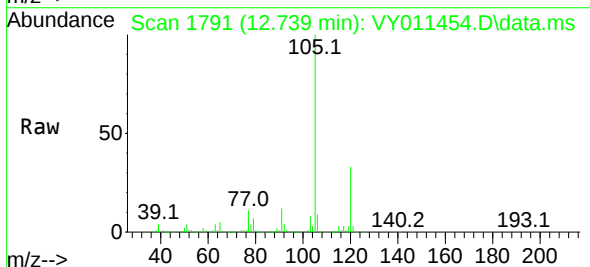
Instrument :
MSVOA_Y
ClientSampleId :
31979

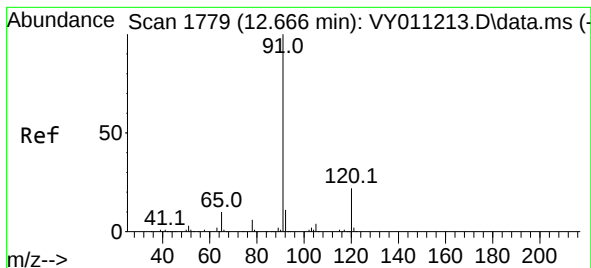
Tgt Ion: 43	Resp: 3177
Ion Ratio	Lower Upper
43 100	
70 27.8	28.7 43.1#
55 15.5	17.3 25.9#
61 0.0	17.0 25.6#



#76
1,2,3-Trichloropropane
Concen: 2.628 ug/l
RT: 12.739 min Scan# 1791
Delta R.T. 0.109 min
Lab File: VY011454.D
Acq: 15 Nov 2022 13:43

Tgt Ion: 75	Resp: 4127		
Ion Ratio	Lower	Upper	
75 100			
77 1411.0	0.0	0.0#	





#78

n-propylbenzene

Concen: 15.123 ug/l

RT: 12.672 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY011454.D

Acq: 15 Nov 2022 13:43

Instrument :

MSVOA_Y

ClientSampleId :

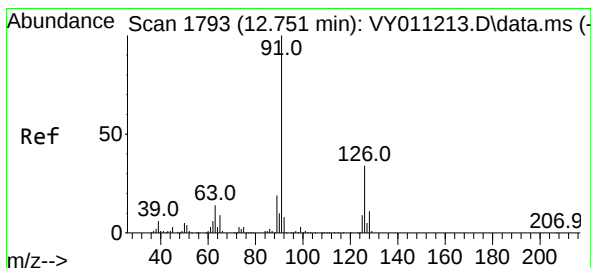
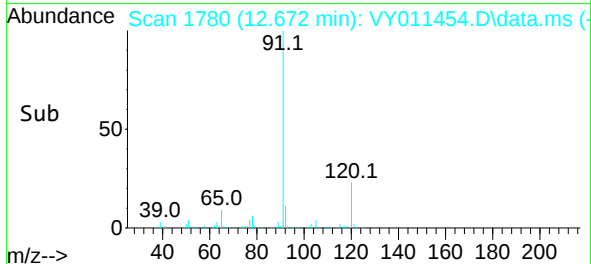
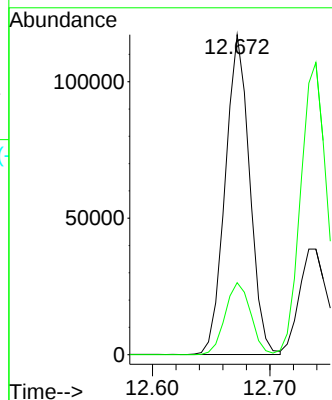
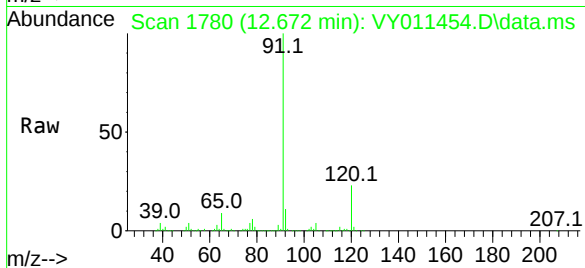
31979

Tgt Ion: 91 Resp: 169236

Ion Ratio Lower Upper

91 100

120 23.5 11.3 33.9



#79

2-Chlorotoluene

Concen: 9.679 ug/l

RT: 12.739 min Scan# 1791

Delta R.T. -0.019 min

Lab File: VY011454.D

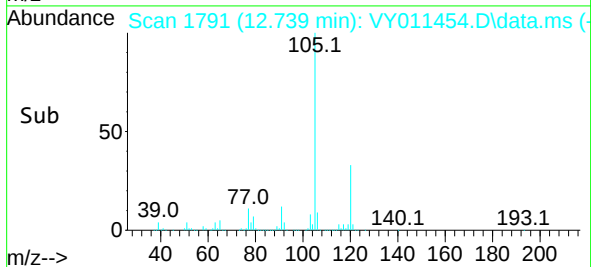
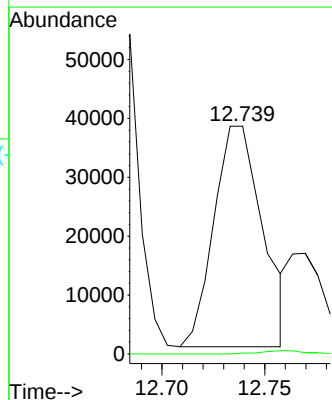
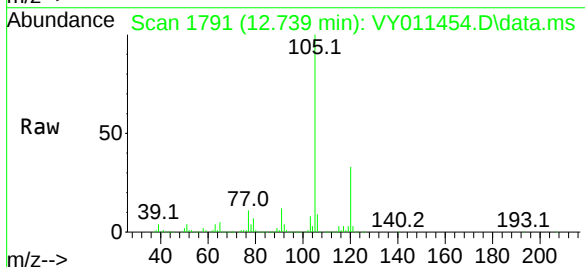
Acq: 15 Nov 2022 13:43

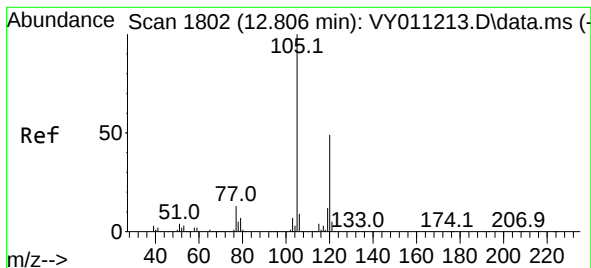
Tgt Ion: 91 Resp: 61947

Ion Ratio Lower Upper

91 100

126 0.0 16.9 50.6#





#80

1,3,5-Trimethylbenzene

Concen: 28.109 ug/l

RT: 12.812 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY011454.D

Acq: 15 Nov 2022 13:43

Instrument :

MSVOA_Y

ClientSampleId :

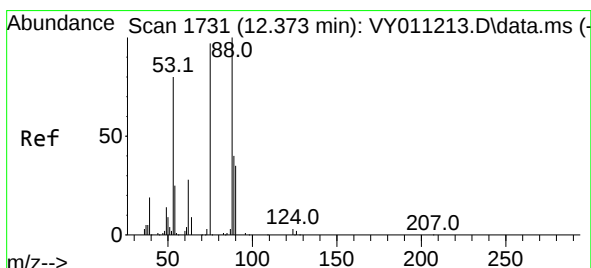
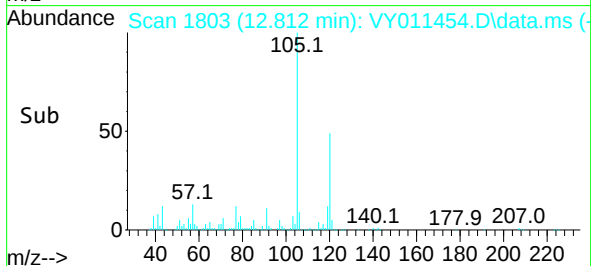
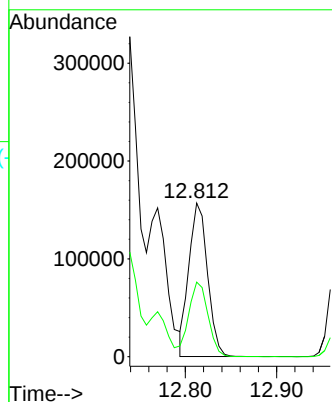
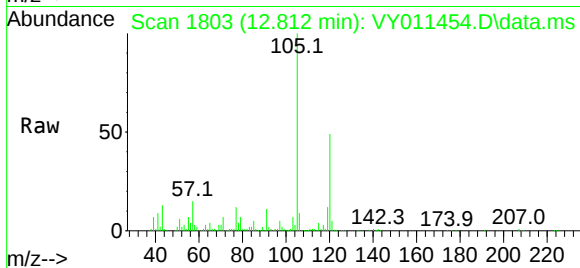
31979

Tgt Ion:105 Resp: 222353

Ion Ratio Lower Upper

105 100

120 51.4 24.4 73.4



#81

trans-1,4-Dichloro-2-butene

Concen: 95.014 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.103 min

Lab File: VY011454.D

Acq: 15 Nov 2022 13:43

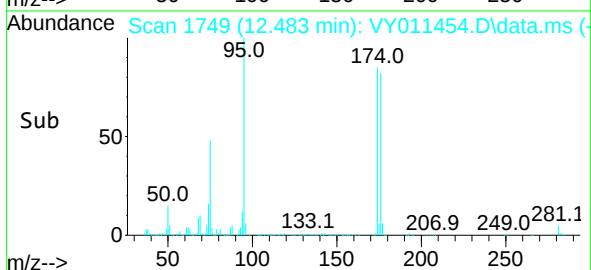
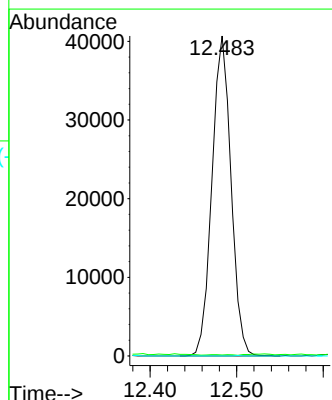
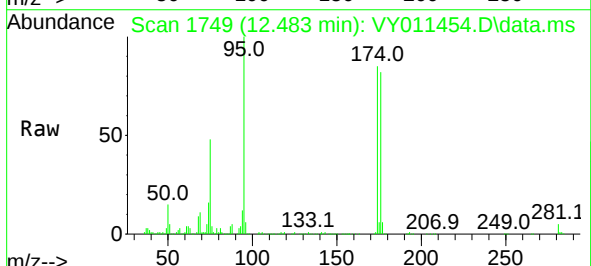
Tgt Ion: 75 Resp: 62086

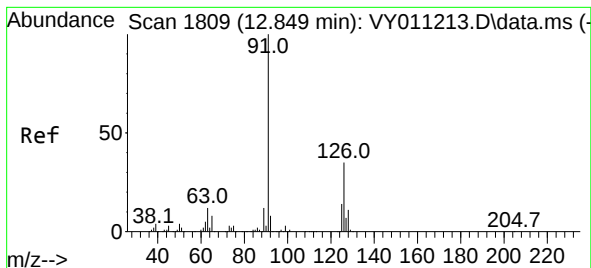
Ion Ratio Lower Upper

75 100

53 0.3 85.3 127.9#

89 0.0 37.0 55.4#





#82

4-Chlorotoluene

Concen: 3.221 ug/l

RT: 12.812 min Scan# 11

Delta R.T. -0.043 min

Lab File: VY011454.D

Acq: 15 Nov 2022 13:43

Instrument :

MSVOA_Y

ClientSampleId :

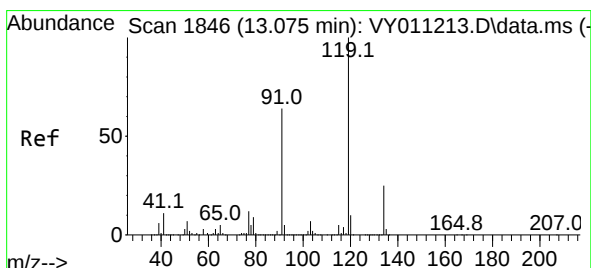
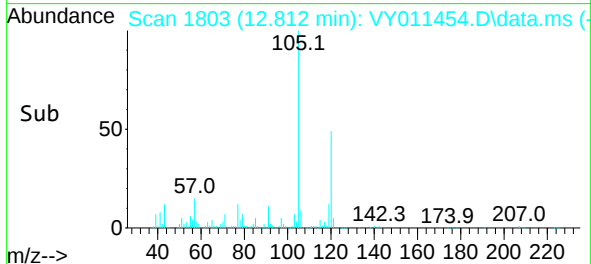
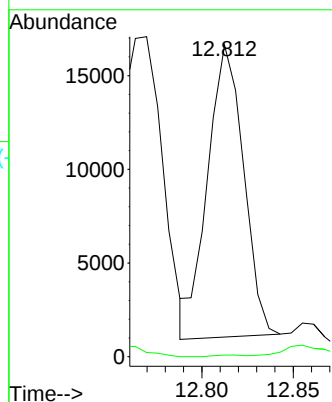
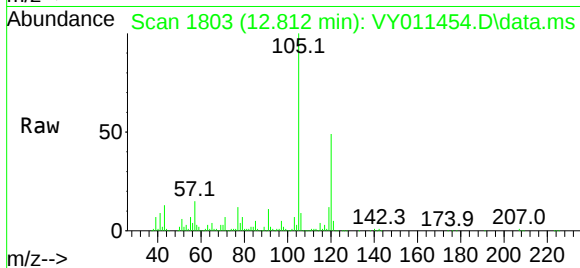
31979

Tgt Ion: 91 Resp: 21398

Ion Ratio Lower Upper

91 100

126 0.5 17.0 51.0#



#83

tert-Butylbenzene

Concen: 17.951 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.048 min

Lab File: VY011454.D

Acq: 15 Nov 2022 13:43

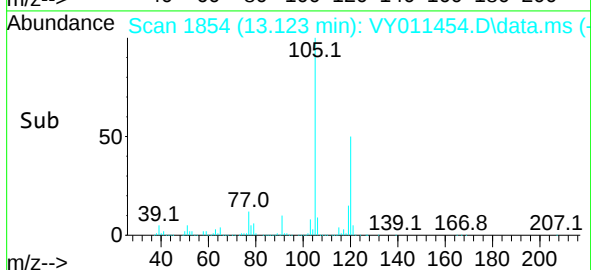
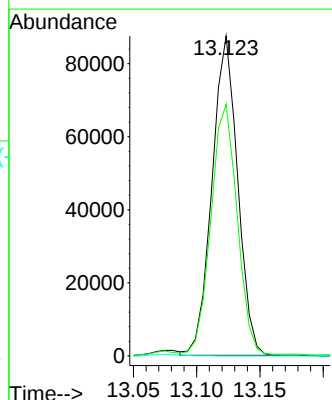
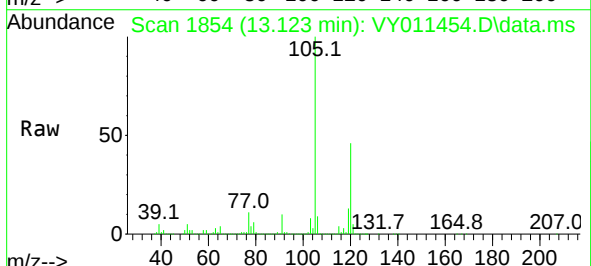
Tgt Ion: 119 Resp: 122771

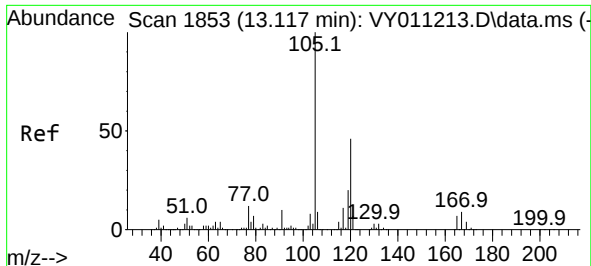
Ion Ratio Lower Upper

119 100

91 80.8 34.8 104.4

134 0.0 13.3 39.9#

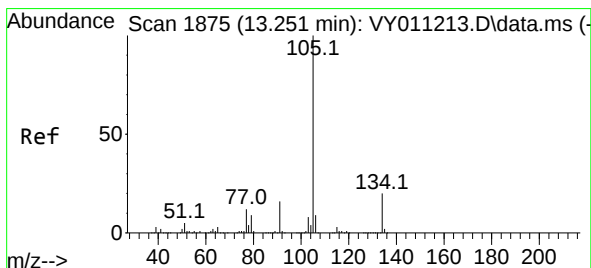
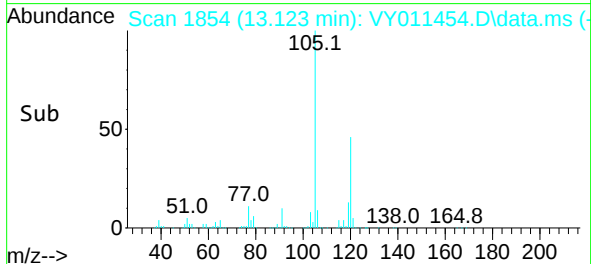
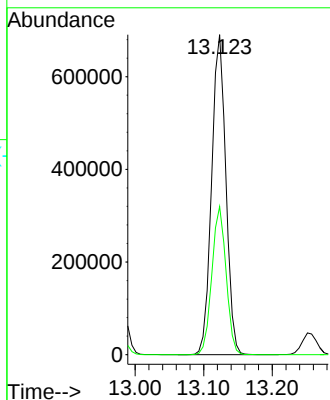
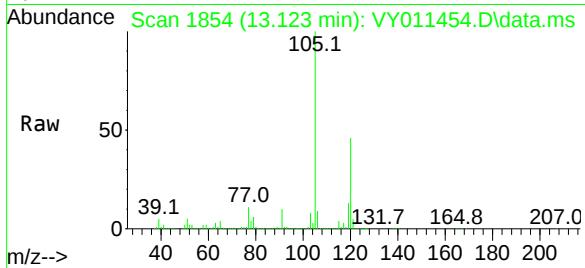




#84
1,2,4-Trimethylbenzene
Concen: 128.145 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY011454.D
Acq: 15 Nov 2022 13:43

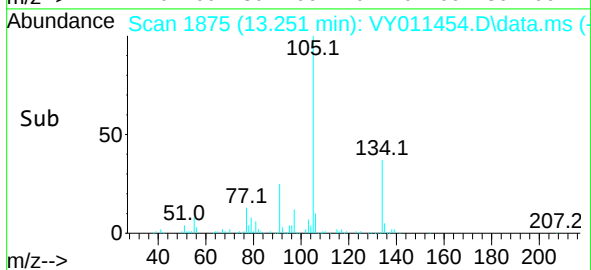
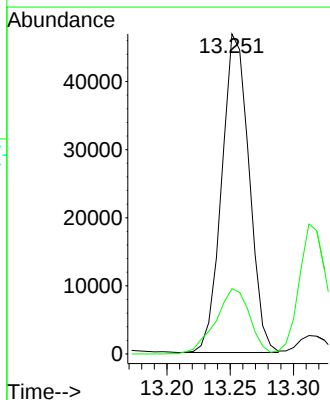
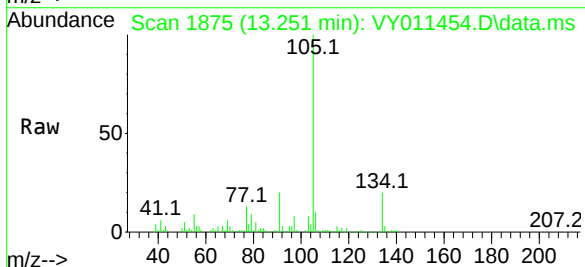
Instrument :
MSVOA_Y
ClientSampleId :
31979

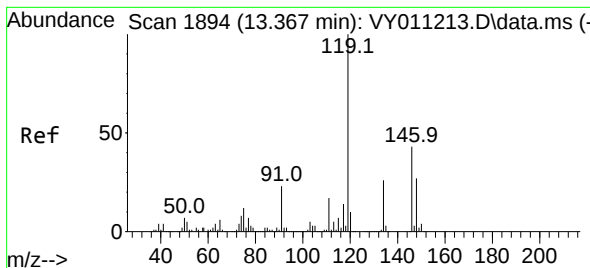
Tgt Ion:105 Resp: 994985
Ion Ratio Lower Upper
105 100
120 46.2 22.3 66.9



#85
sec-Butylbenzene
Concen: 6.982 ug/l
RT: 13.251 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VY011454.D
Acq: 15 Nov 2022 13:43

Tgt Ion:105 Resp: 70286
Ion Ratio Lower Upper
105 100
134 25.6 10.2 30.4





#86

p-Isopropyltoluene

Concen: 6.334 ug/l

RT: 13.373 min Scan# 119

Delta R.T. 0.006 min

Lab File: VY011454.D

Acq: 15 Nov 2022 13:43

Instrument :

MSVOA_Y

ClientSampleId :

31979

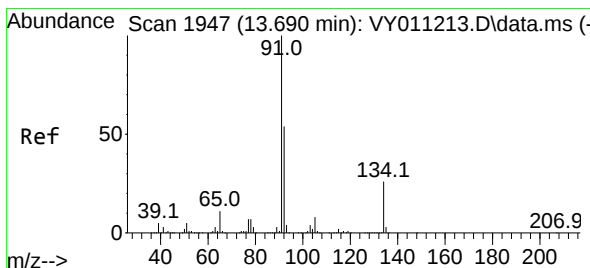
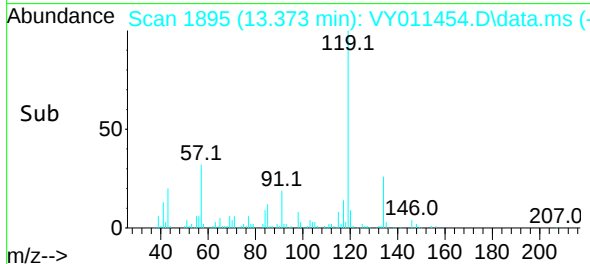
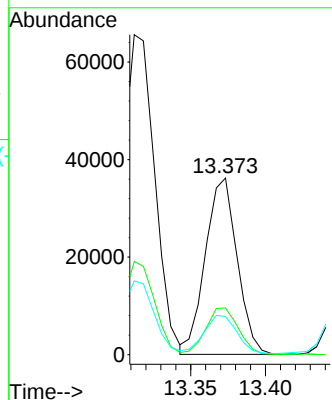
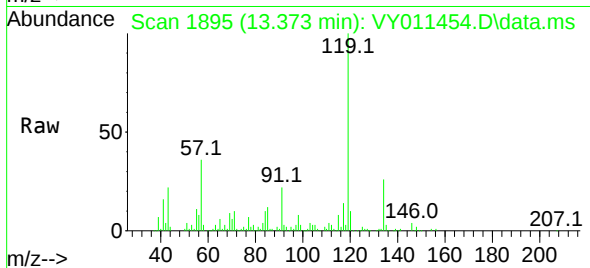
Tgt Ion:119 Resp: 53454

Ion Ratio Lower Upper

119 100

134 27.3 13.2 39.5

91 22.1 12.4 37.2



#89

n-Butylbenzene

Concen: 12.270 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY011454.D

Acq: 15 Nov 2022 13:43

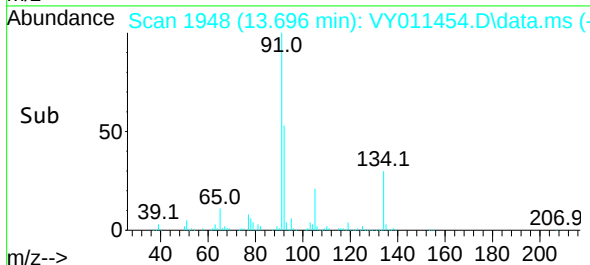
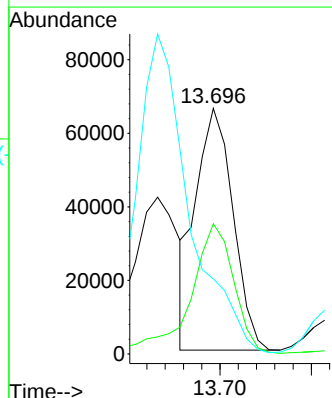
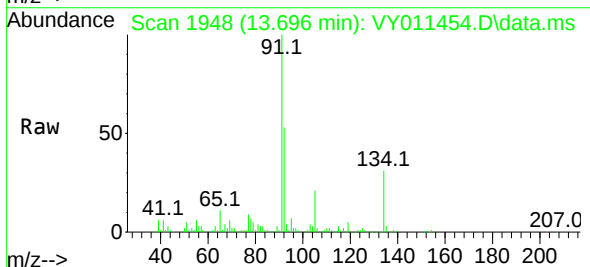
Tgt Ion: 91 Resp: 93036

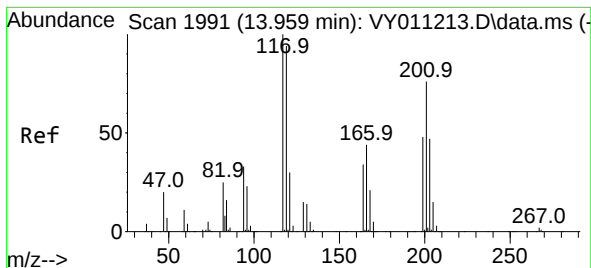
Ion Ratio Lower Upper

91 100

92 61.8 26.3 78.9

134 0.0 13.0 38.9#





#90

Hexachloroethane

Concen: 22.393 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. 0.012 min

Lab File: VY011454.D

Acq: 15 Nov 2022 13:43

Instrument :

MSVOA_Y

ClientSampleId :

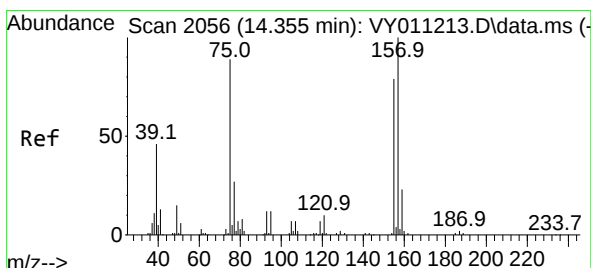
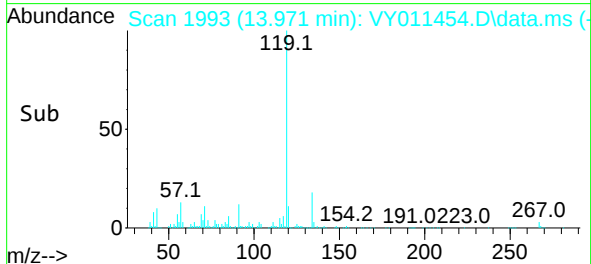
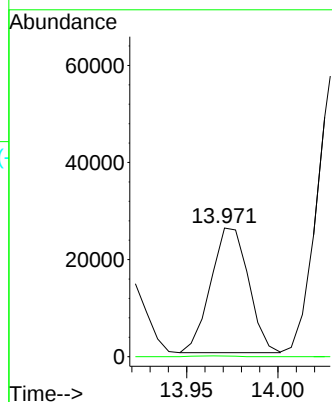
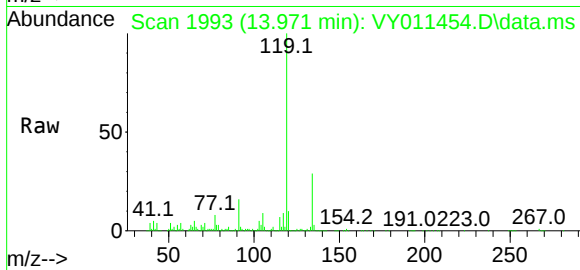
31979

Tgt Ion:117 Resp: 36973

Ion Ratio Lower Upper

117 100

201 0.6 43.0 128.8#



#92

1,2-Dibromo-3-Chloropropane

Concen: 10.944 ug/l

RT: 14.336 min Scan# 2053

Delta R.T. -0.019 min

Lab File: VY011454.D

Acq: 15 Nov 2022 13:43

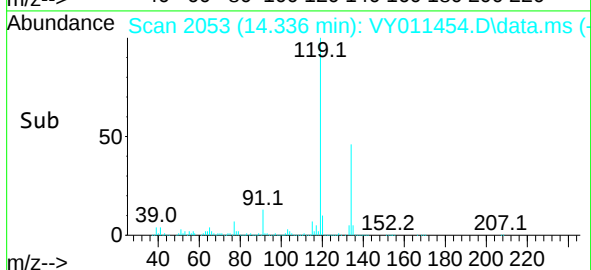
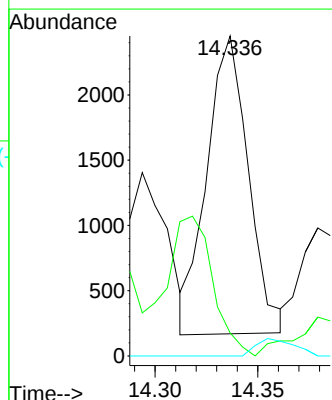
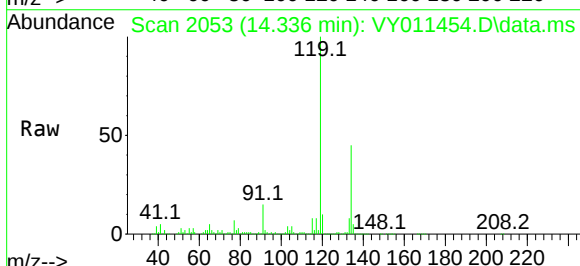
Tgt Ion: 75 Resp: 3213

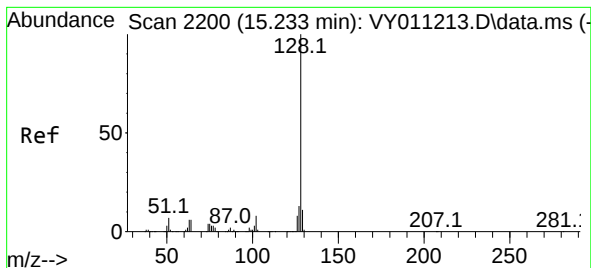
Ion Ratio Lower Upper

75 100

155 0.0 38.0 113.9#

157 5.3 47.8 143.3#





#95

Naphthalene

Concen: 48.274 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY011454.D

Acq: 15 Nov 2022 13:43

Instrument :

MSVOA_Y

ClientSampleId :

31979

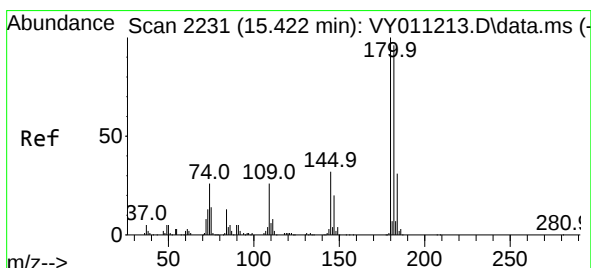
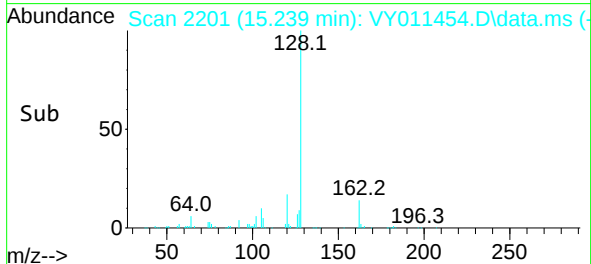
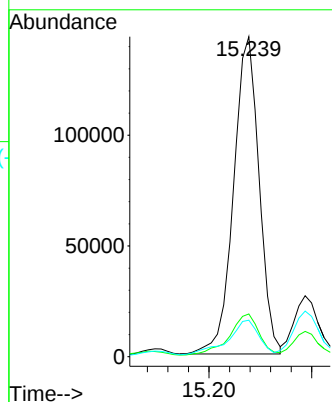
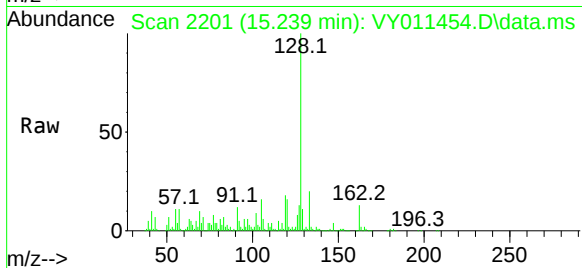
Tgt Ion:128 Resp: 247202

Ion Ratio Lower Upper

128 100

127 15.0 11.0 16.4

129 13.1 8.4 12.6#



#96

1,2,3-Trichlorobenzene

Concen: 2.808 ug/l

RT: 15.446 min Scan# 2235

Delta R.T. 0.024 min

Lab File: VY011454.D

Acq: 15 Nov 2022 13:43

Tgt Ion:180 Resp: 5678

Ion Ratio Lower Upper

180 100

182 0.0 47.3 141.9#

145 0.0 15.3 45.9#

