

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021822\
 Data File : VY007555.D
 Acq On : 18 Feb 2022 19:11
 Operator : SY/MD
 Sample : N1600-08
 Misc : 4.82g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 C0AA9

Quant Time: Feb 19 04:36:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 15 09:34:50 2022
 Response via : Initial Calibration

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

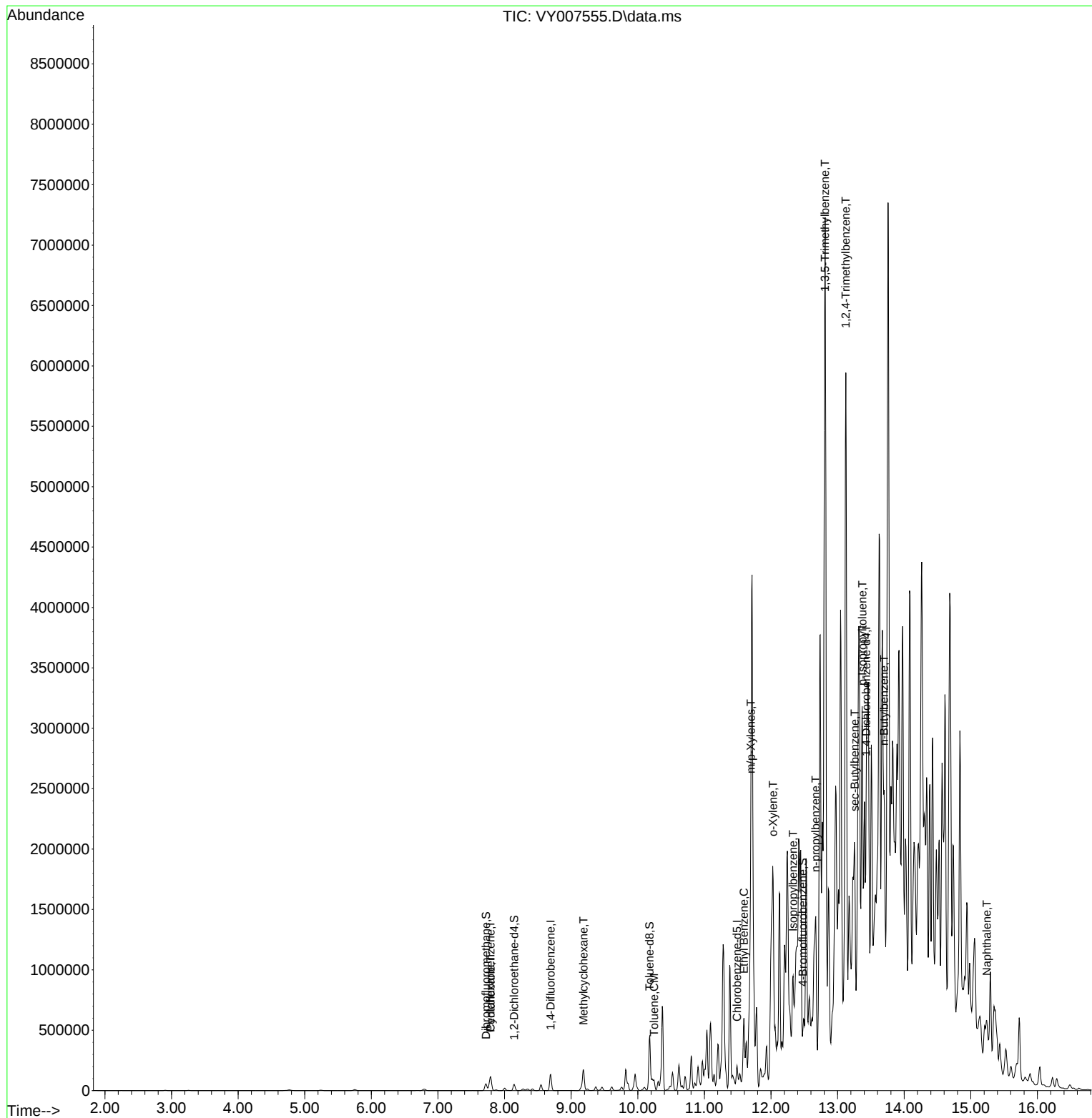
Internal Standards						
1) Pentafluorobenzene	7.789	168	65327	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	114641	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	93502	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	38935	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	40254	55.812	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.620%			
35) Dibromofluoromethane	7.722	113	39086	54.064	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.120%			
50) Toluene-d8	10.179	98	145977	53.162	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.320%			
62) 4-Bromofluorobenzene	12.477	95	61998	66.588	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 133.180%			
Target Compounds						Qvalue
31) Cyclohexane	7.789	56	17225	13.505	ug/l #	85
39) Methylcyclohexane	9.185	83	76674	50.420	ug/l #	85
52) Toluene	10.246	92	33322	16.136	ug/l	95
67) Ethyl Benzene	11.593	91	314142	81.960	ug/l	99
68) m/p-Xylenes	11.697	106	386774	266.641	ug/l	99
69) o-Xylene	12.032	106	310077	225.915	ug/l	99
73) Isopropylbenzene	12.331	105	208416	60.422	ug/l	99
78) n-propylbenzene	12.672	91	719188	173.269	ug/l	98
80) 1,3,5-Trimethylbenzene	12.813	105	520773	182.270	ug/l	91
84) 1,2,4-Trimethylbenzene	13.123	105	2680827	967.691	ug/l	96
85) sec-Butylbenzene	13.258	105	415883	112.979	ug/l	85
86) p-Isopropyltoluene	13.373	119	239586	79.017	ug/l	95
89) n-Butylbenzene	13.697	91	592959	205.647	ug/l #	81
95) Naphthalene	15.239	128	200118	120.807	ug/l #	96

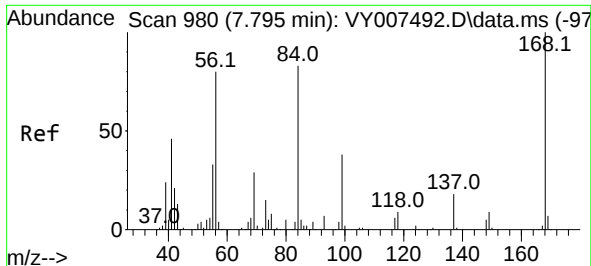
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021822\
Data File : VY007555.D
Acq On : 18 Feb 2022 19:11
Operator : SY/MD
Sample : N1600-08
Misc : 4.82g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
C0AA9

Quant Time: Feb 19 04:36:44 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
Quant Title : SW846 8260
QLast Update : Tue Feb 15 09:34:50 2022
Response via : Initial Calibration

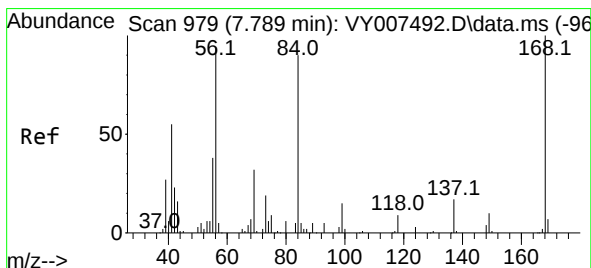
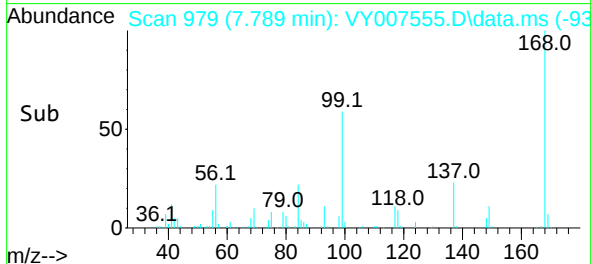
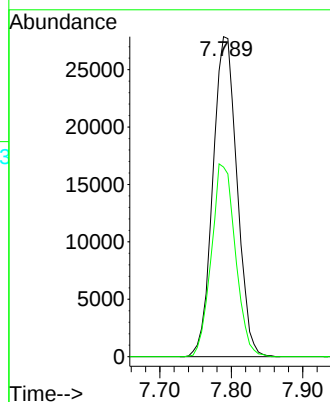
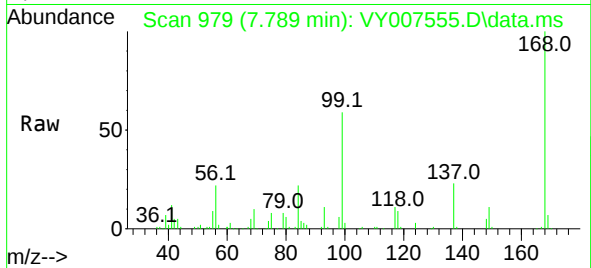




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007555.D
Acq: 18 Feb 2022 19:11

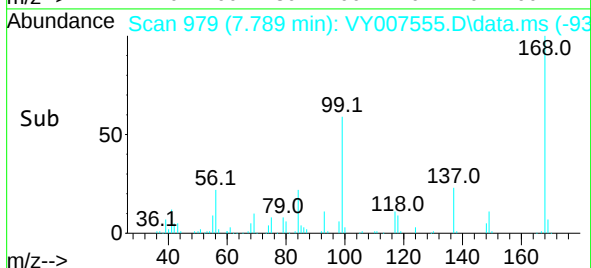
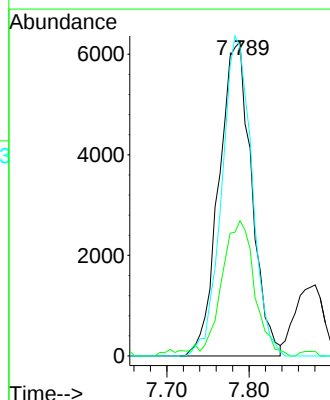
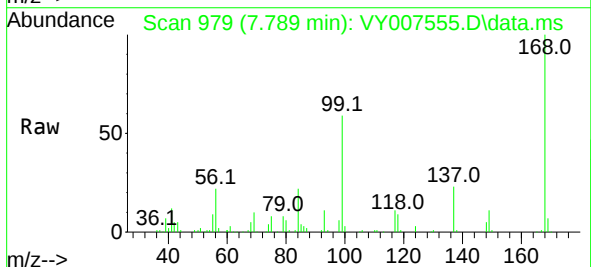
Instrument :
MSVOA_Y
ClientSampleId :
C0AA9

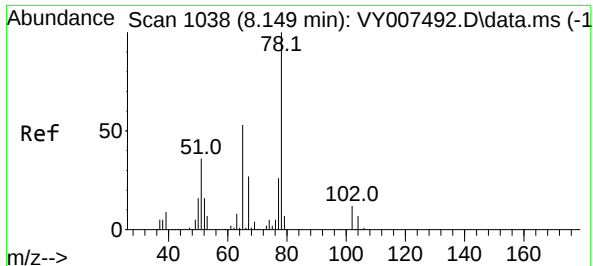
Tgt Ion:168 Resp: 65327
Ion Ratio Lower Upper
168 100
99 59.2 46.9 70.3



#31
Cyclohexane
Concen: 13.505 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.000 min
Lab File: VY007555.D
Acq: 18 Feb 2022 19:11

Tgt Ion: 56 Resp: 17225
Ion Ratio Lower Upper
56 100
69 41.3 26.7 40.1#
84 98.2 67.2 100.8





#33

1,2-Dichloroethane-d4

Concen: 55.812 ug/l

RT: 8.143 min Scan# 110

Delta R.T. -0.000 min

Lab File: VY007555.D

Acq: 18 Feb 2022 19:11

Instrument :

MSVOA_Y

ClientSampleId :

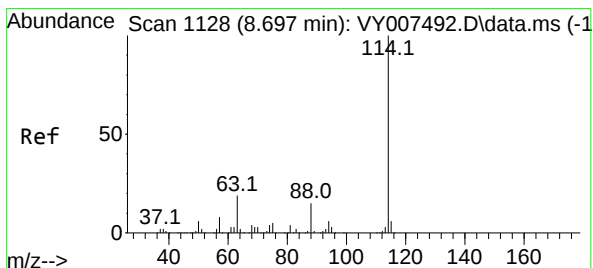
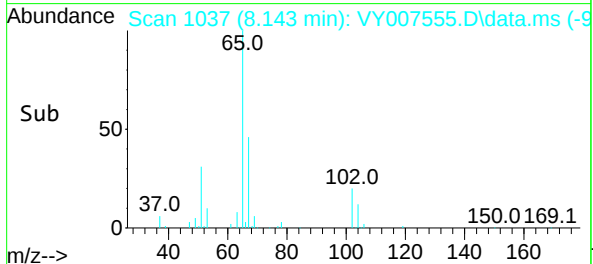
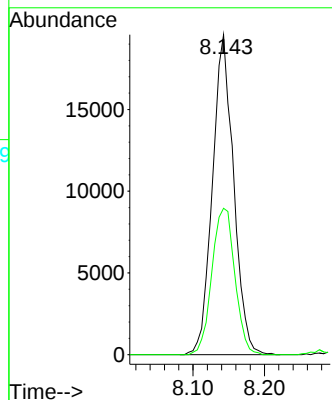
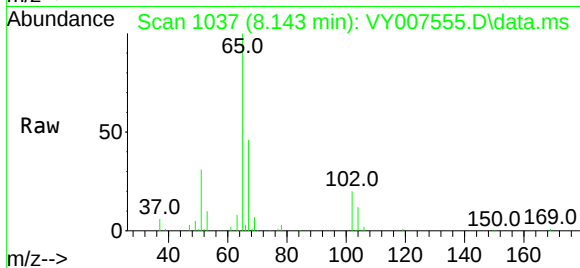
C0AA9

Tgt Ion: 65 Resp: 40254

Ion Ratio Lower Upper

65 100

67 49.6 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY007555.D

Acq: 18 Feb 2022 19:11

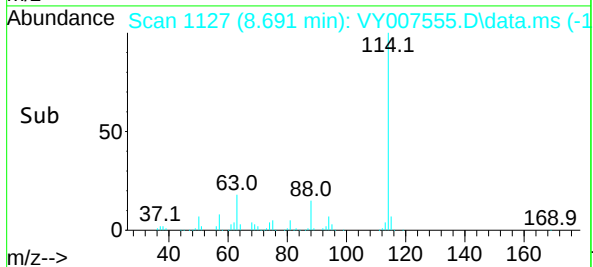
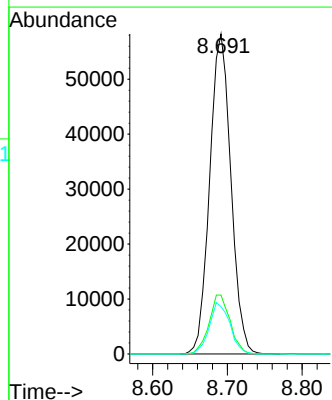
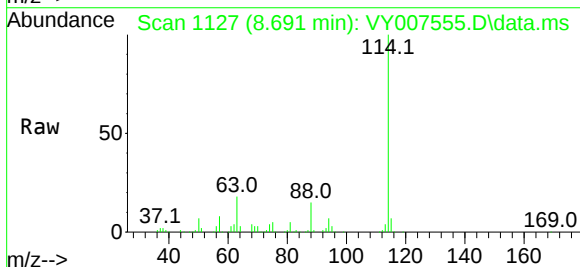
Tgt Ion: 114 Resp: 114641

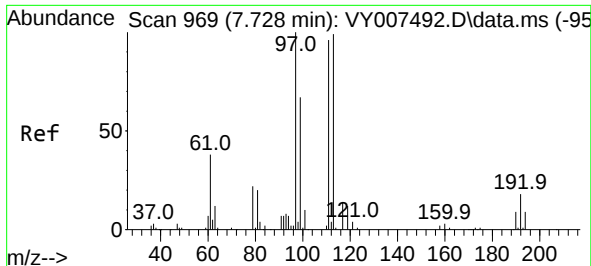
Ion Ratio Lower Upper

114 100

63 18.4 0.0 43.2

88 14.8 0.0 31.8

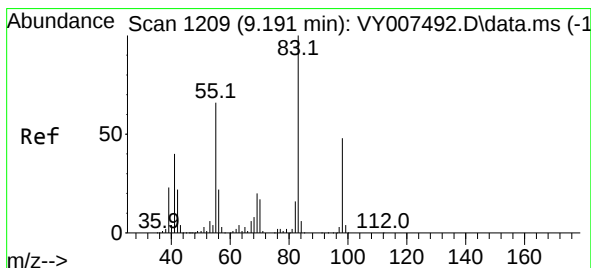
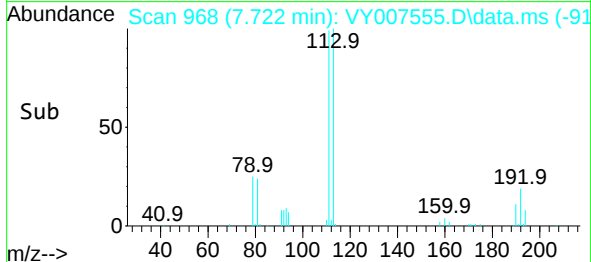
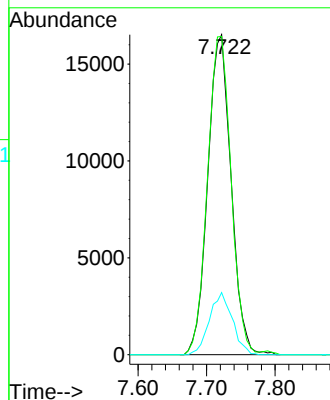
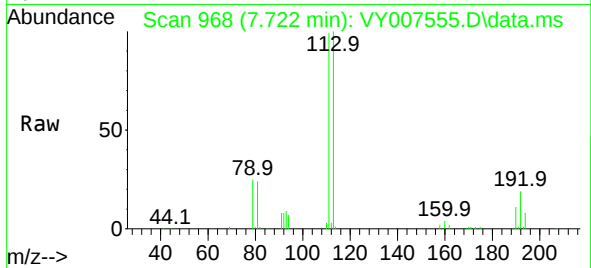




#35
Dibromofluoromethane
Concen: 54.064 ug/l
RT: 7.722 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007555.D
Acq: 18 Feb 2022 19:11

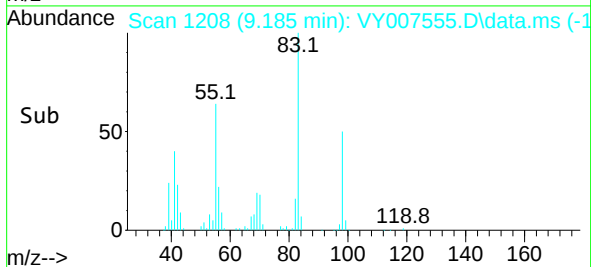
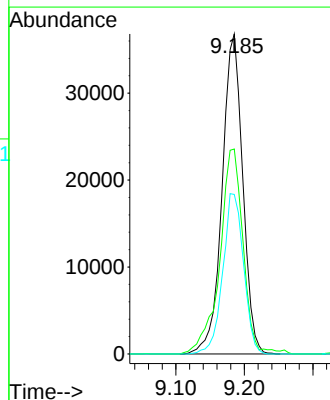
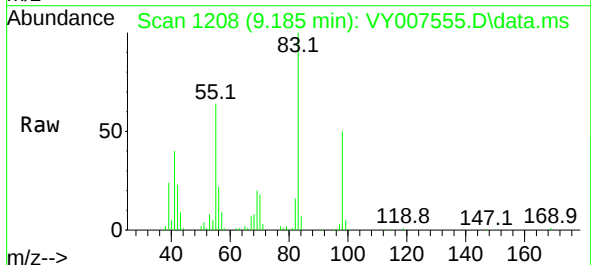
Instrument :
MSVOA_Y
ClientSampleId :
C0AA9

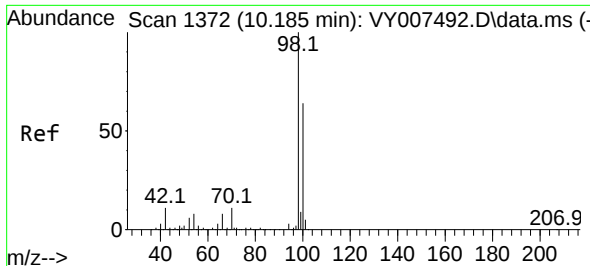
Tgt Ion:113 Resp: 39086
Ion Ratio Lower Upper
113 100
111 100.6 82.6 124.0
192 19.1 17.6 26.4



#39
Methylcyclohexane
Concen: 50.420 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. 0.000 min
Lab File: VY007555.D
Acq: 18 Feb 2022 19:11

Tgt Ion: 83 Resp: 76674
Ion Ratio Lower Upper
83 100
55 64.1 66.5 99.7#
98 49.8 37.9 56.9

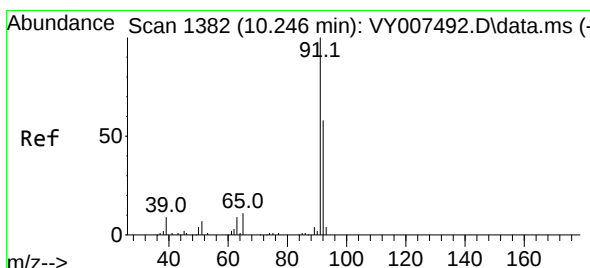
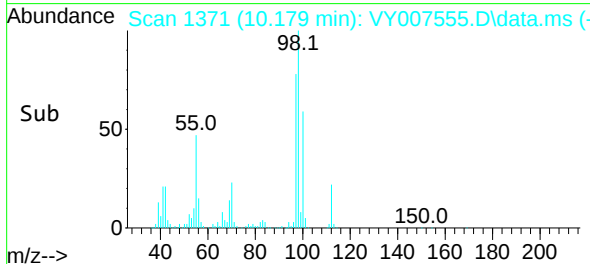
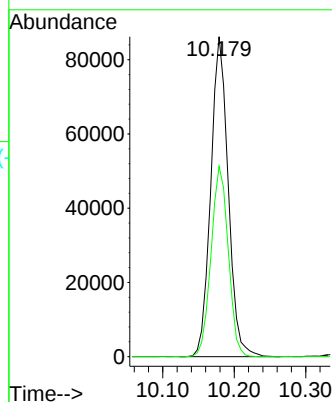
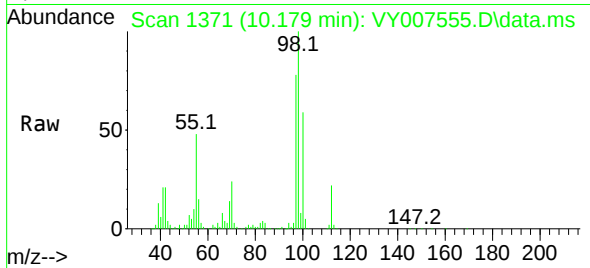




#50
Toluene-d8
Concen: 53.162 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007555.D
Acq: 18 Feb 2022 19:11

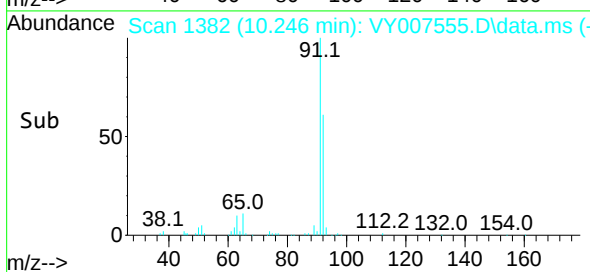
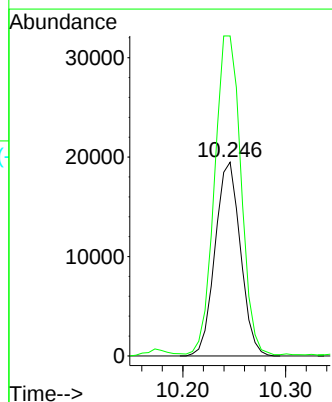
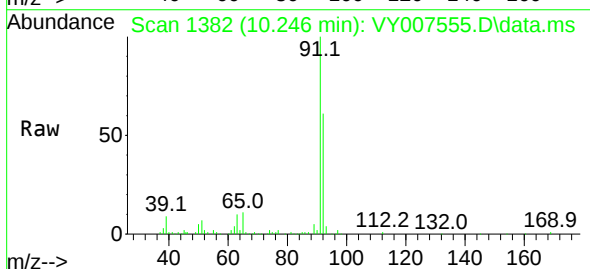
Instrument :
MSVOA_Y
ClientSampleId :
C0AA9

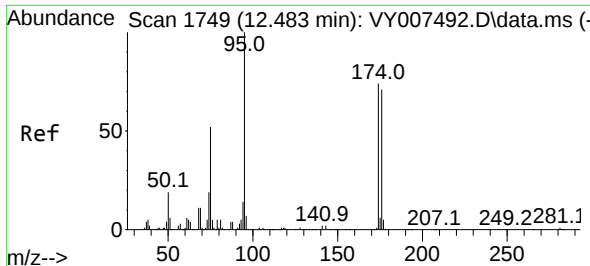
Tgt Ion: 98 Resp: 145977
Ion Ratio Lower Upper
98 100
100 58.6 50.2 75.2



#52
Toluene
Concen: 16.136 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY007555.D
Acq: 18 Feb 2022 19:11

Tgt Ion: 92 Resp: 33322
Ion Ratio Lower Upper
92 100
91 171.6 142.6 213.8

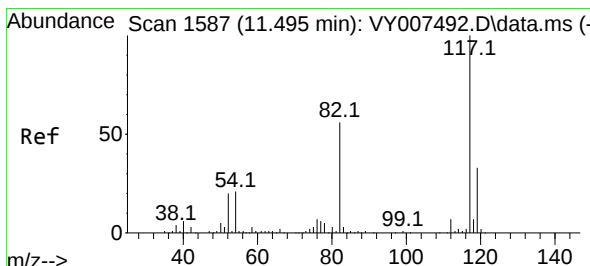
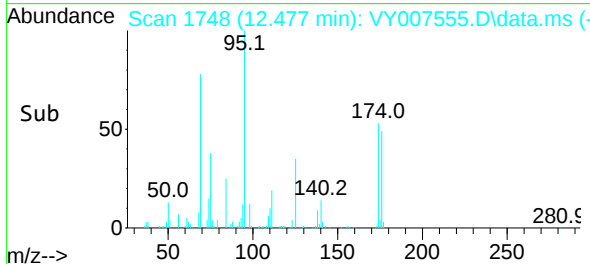
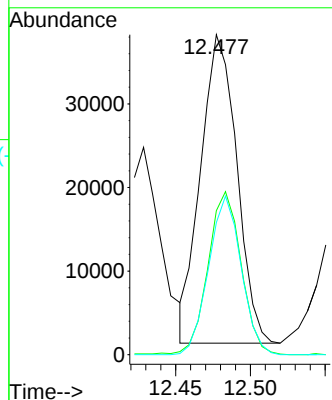
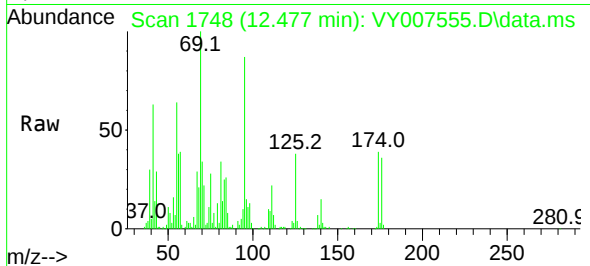




#62
4-Bromofluorobenzene
Concen: 66.588 ug/l
RT: 12.477 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY007555.D
Acq: 18 Feb 2022 19:11

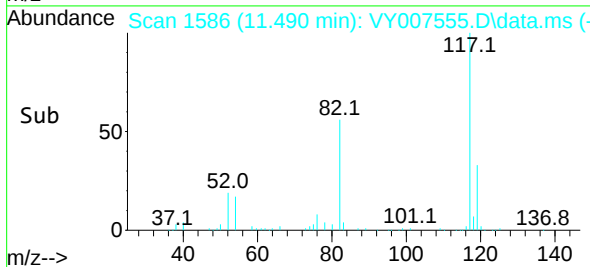
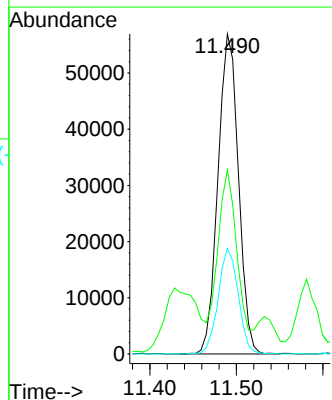
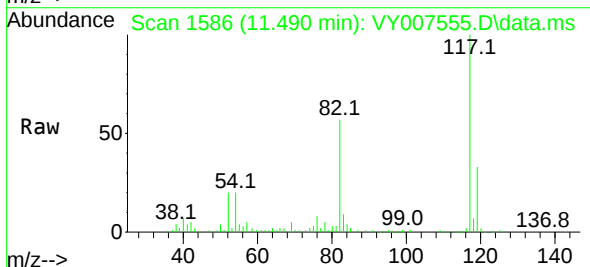
Instrument :
MSVOA_Y
ClientSampleId :
C0AA9

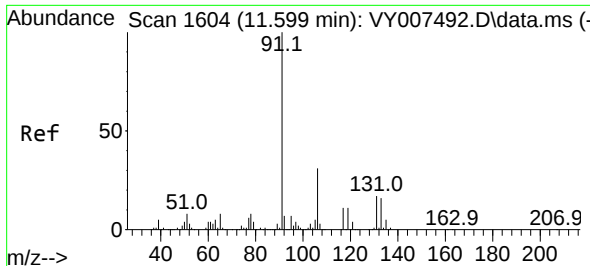
Tgt Ion: 95 Resp: 61998
Ion Ratio Lower Upper
95 100
174 48.6 0.0 177.0
176 46.3 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY007555.D
Acq: 18 Feb 2022 19:11

Tgt Ion: 117 Resp: 93502
Ion Ratio Lower Upper
117 100
82 53.5 43.0 64.4
119 33.0 25.4 38.0

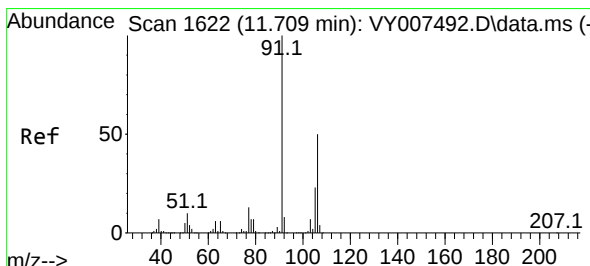
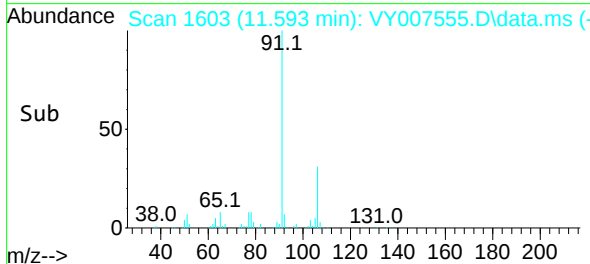
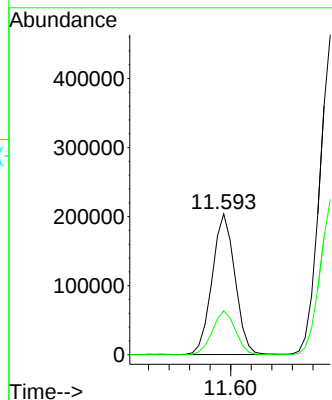
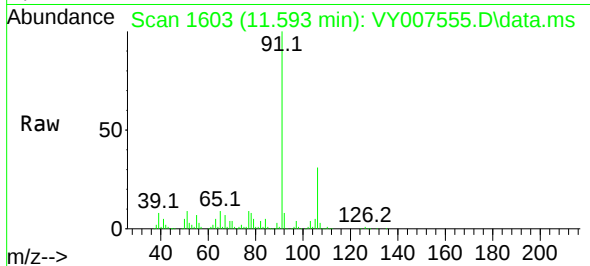




#67
Ethyl Benzene
Concen: 81.960 ug/l
RT: 11.593 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY007555.D
Acq: 18 Feb 2022 19:11

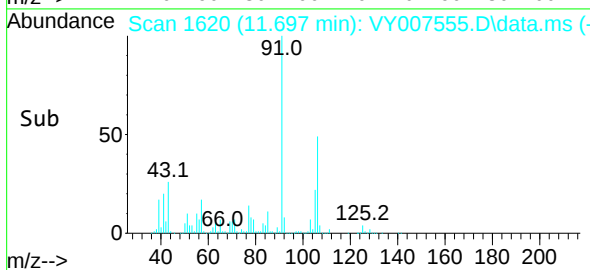
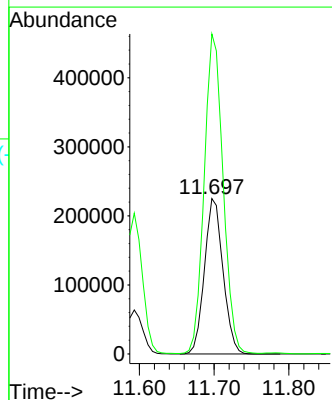
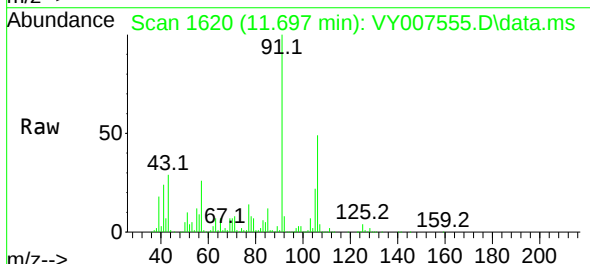
Instrument :
MSVOA_Y
ClientSampleId :
C0AA9

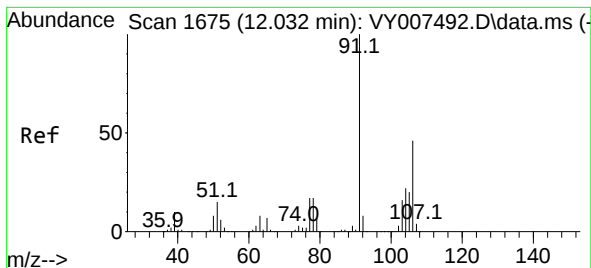
Tgt Ion: 91 Resp: 314142
Ion Ratio Lower Upper
91 100
106 31.4 24.5 36.7



#68
m/p-Xylenes
Concen: 266.641 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VY007555.D
Acq: 18 Feb 2022 19:11

Tgt Ion:106 Resp: 386774
Ion Ratio Lower Upper
106 100
91 209.5 166.6 249.8

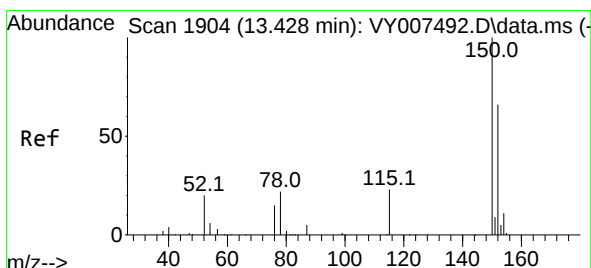
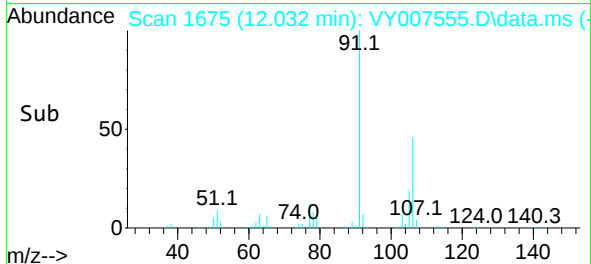
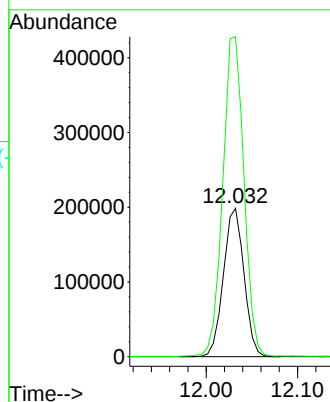
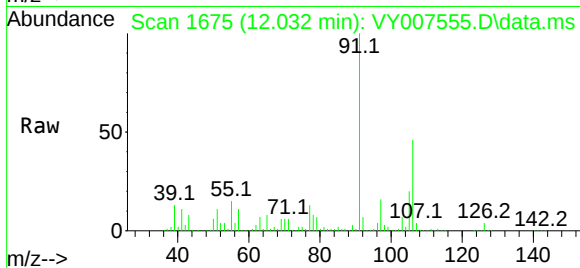




#69
o-Xylene
Concen: 225.915 ug/l
RT: 12.032 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY007555.D
Acq: 18 Feb 2022 19:11

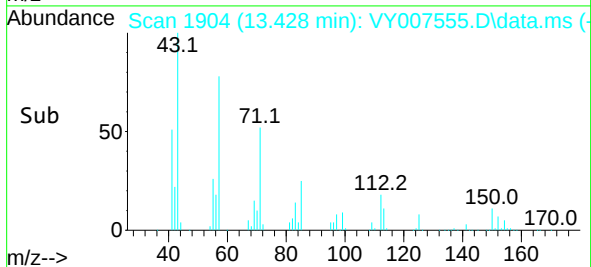
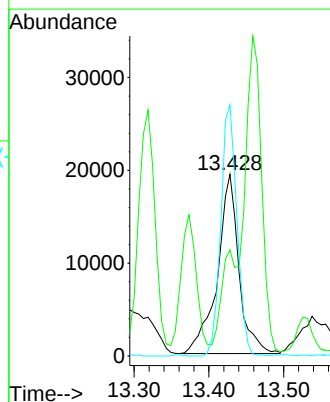
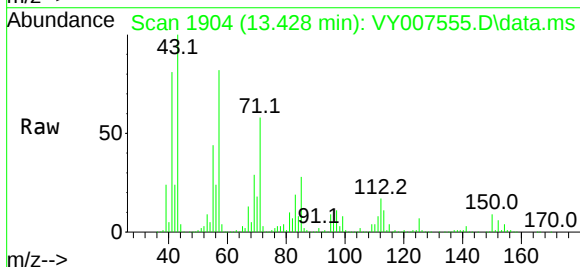
Instrument :
MSVOA_Y
ClientSampleId :
C0AA9

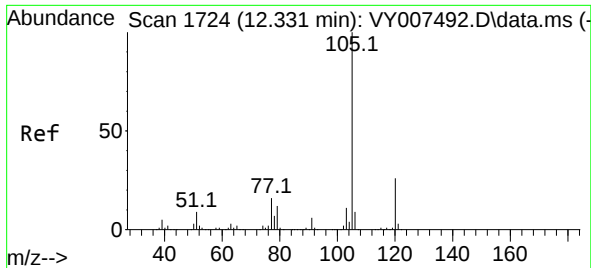
Tgt Ion:106 Resp: 310077
Ion Ratio Lower Upper
106 100
91 222.7 110.3 331.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY007555.D
Acq: 18 Feb 2022 19:11

Tgt Ion:152 Resp: 38935
Ion Ratio Lower Upper
152 100
115 32.8 28.2 84.7
150 104.5 0.0 347.6

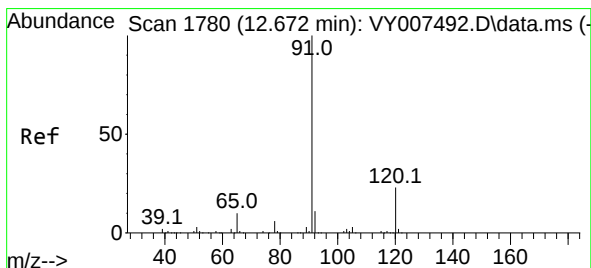
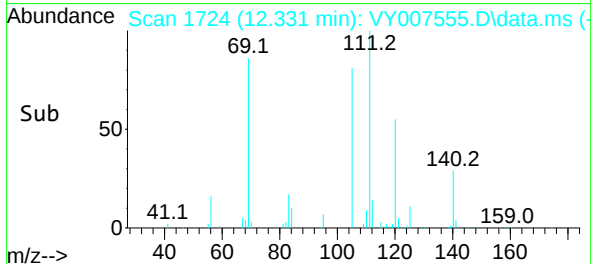
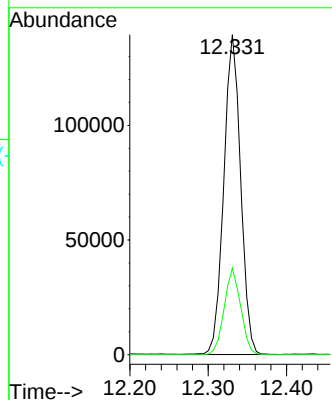
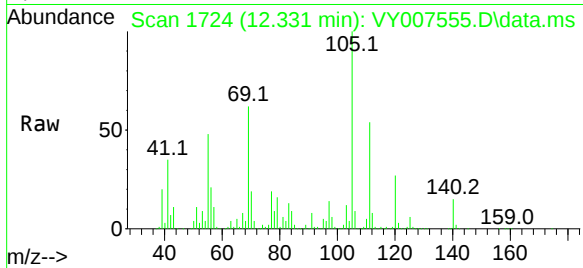




#73
Isopropylbenzene
Concen: 60.422 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY007555.D
Acq: 18 Feb 2022 19:11

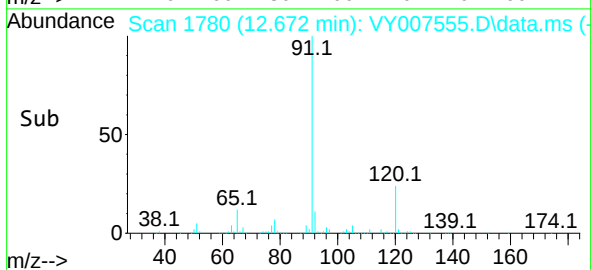
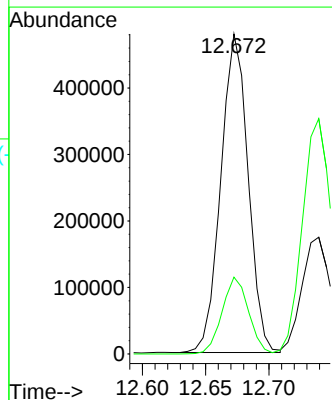
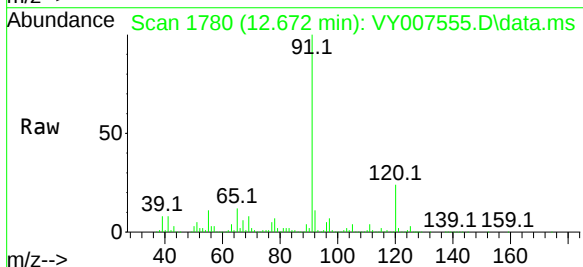
Instrument :
MSVOA_Y
ClientSampleId :
C0AA9

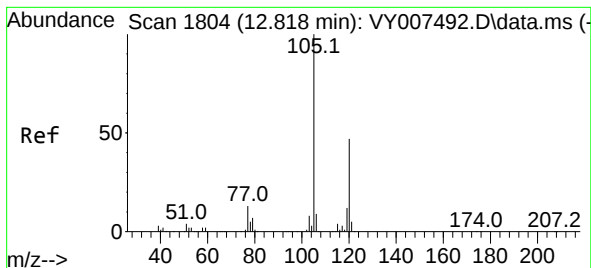
Tgt Ion:105 Resp: 208416
Ion Ratio Lower Upper
105 100
120 26.4 13.4 40.2



#78
n-propylbenzene
Concen: 173.269 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY007555.D
Acq: 18 Feb 2022 19:11

Tgt Ion: 91 Resp: 719188
Ion Ratio Lower Upper
91 100
120 23.4 11.3 33.9





#80

1,3,5-Trimethylbenzene

Concen: 182.270 ug/l

RT: 12.813 min Scan# 1804

Delta R.T. 0.001 min

Lab File: VY007555.D

Acq: 18 Feb 2022 19:11

Instrument :

MSVOA_Y

ClientSampleId :

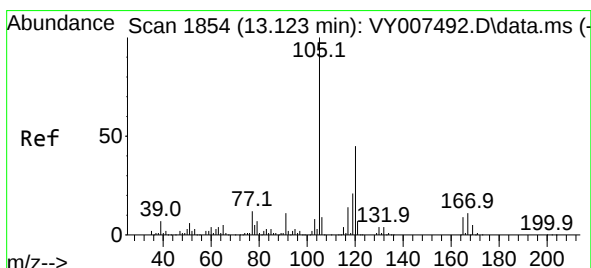
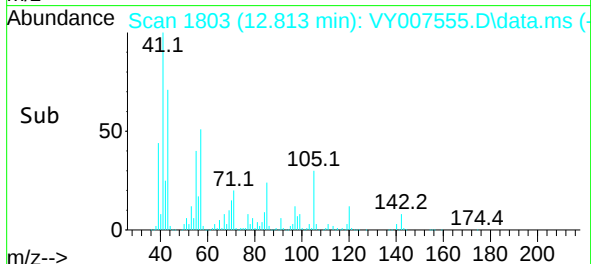
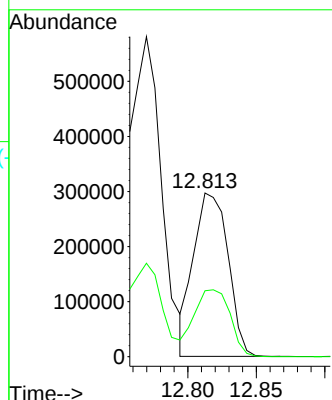
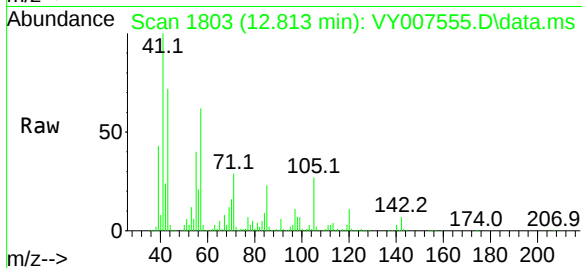
C0AA9

Tgt Ion:105 Resp: 520773

Ion Ratio Lower Upper

105 100

120 42.7 24.4 73.4



#84

1,2,4-Trimethylbenzene

Concen: 967.691 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY007555.D

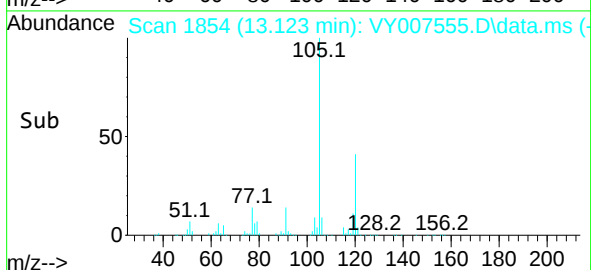
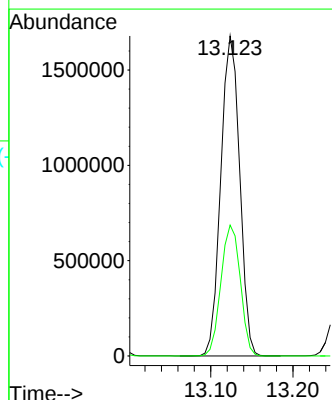
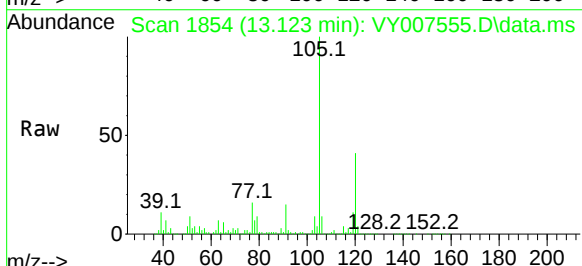
Acq: 18 Feb 2022 19:11

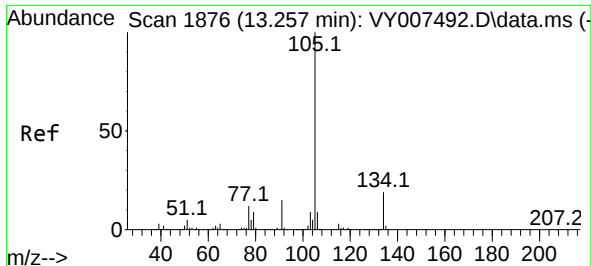
Tgt Ion:105 Resp: 2680827

Ion Ratio Lower Upper

105 100

120 42.0 22.3 66.9

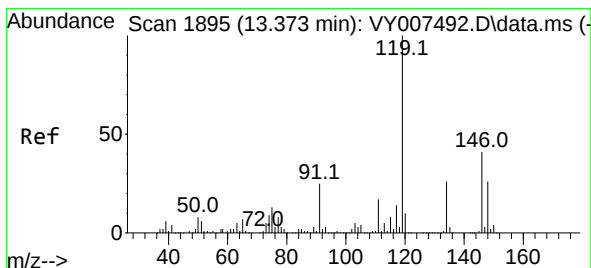
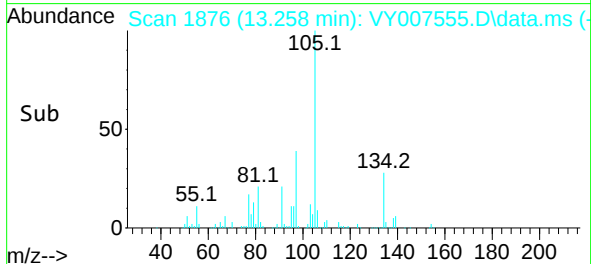
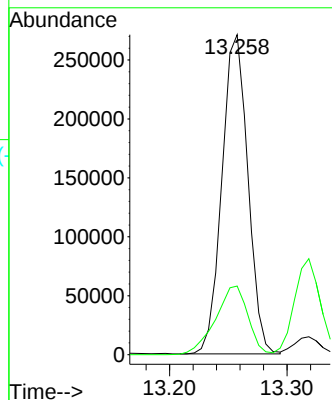
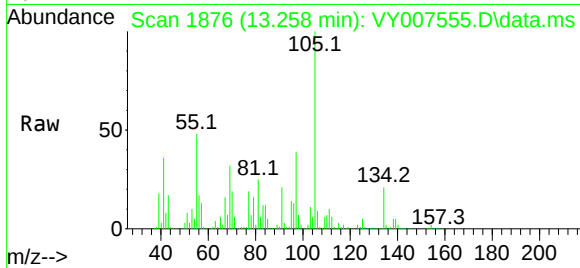




#85
 sec-Butylbenzene
 Concen: 112.979 ug/l
 RT: 13.258 min Scan# 1876
 Delta R.T. 0.007 min
 Lab File: VY007555.D
 Acq: 18 Feb 2022 19:11

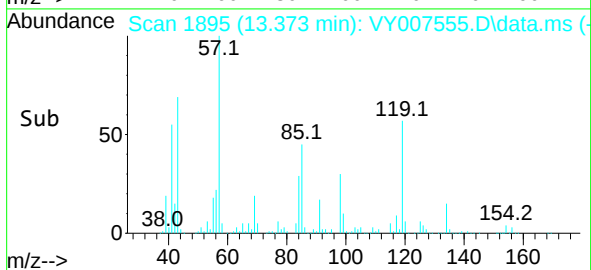
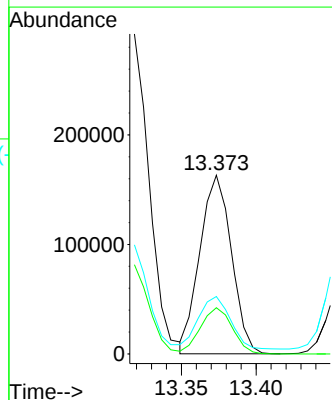
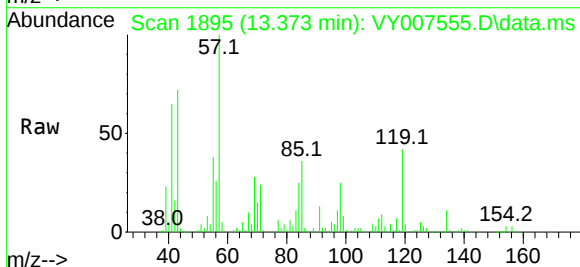
Instrument :
 MSVOA_Y
 ClientSampleId :
 C0AA9

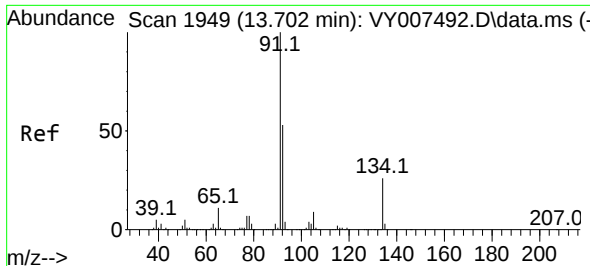
Tgt Ion:105 Resp: 415883
 Ion Ratio Lower Upper
 105 100
 134 27.1 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 79.017 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY007555.D
 Acq: 18 Feb 2022 19:11

Tgt Ion:119 Resp: 239586
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.2 39.5
 91 29.3 12.4 37.2

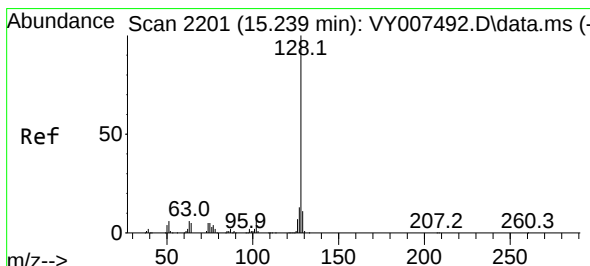
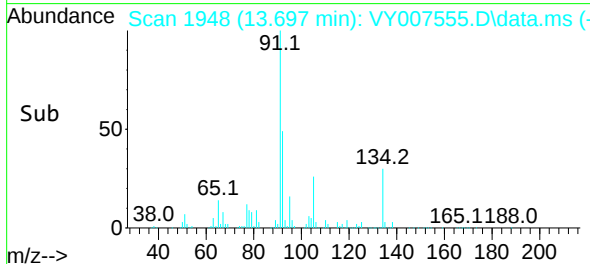
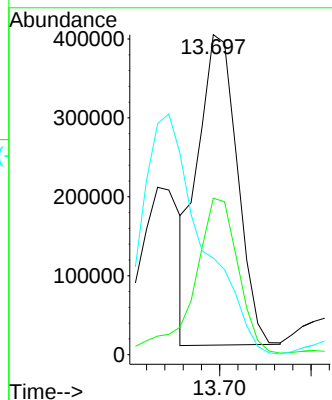
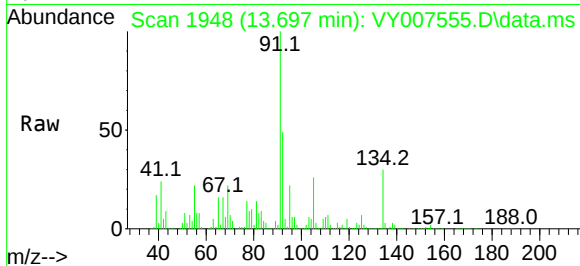




#89
n-Butylbenzene
Concen: 205.647 ug/l
RT: 13.697 min Scan# 1948
Delta R.T. 0.001 min
Lab File: VY007555.D
Acq: 18 Feb 2022 19:11

Instrument :
MSVOA_Y
ClientSampleId :
C0AA9

Tgt Ion: 91 Resp: 592959
Ion Ratio Lower Upper
91 100
92 54.8 26.3 78.9
134 0.0 13.0 38.9#



#95
Naphthalene
Concen: 120.807 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY007555.D
Acq: 18 Feb 2022 19:11

Tgt Ion:128 Resp: 200118
Ion Ratio Lower Upper
128 100
127 14.6 11.0 16.4
129 12.8 8.4 12.6#

