

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021822\
 Data File : VY007549.D
 Acq On : 18 Feb 2022 16:51
 Operator : SY/MD
 Sample : N1600-02
 Misc : 5.14g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 C0AA1

Quant Time: Feb 19 04:34:33 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)

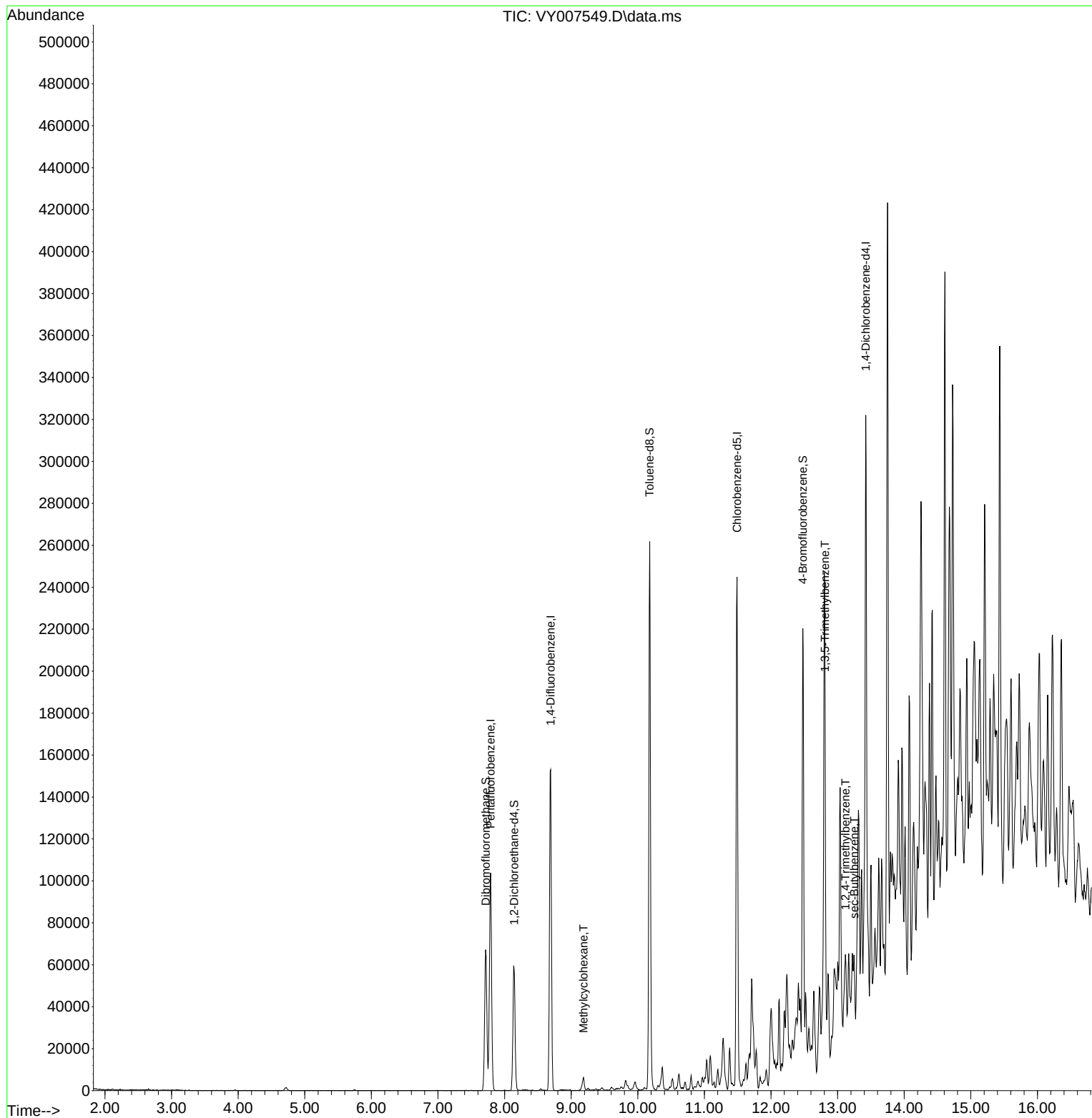
Internal Standards						
1) Pentafluorobenzene	7.789	168	76956	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	137158	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	136312	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	58080	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	46908	55.210	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.420%	
35) Dibromofluoromethane	7.716	113	46239	53.458	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.920%	
50) Toluene-d8	10.179	98	162887	49.582	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.160%	
62) 4-Bromofluorobenzene	12.477	95	60825	54.604	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 109.200%	
Target Compounds						
					Qvalue	
39) Methylcyclohexane	9.185	83	2583	1.420	ug/l	87
80) 1,3,5-Trimethylbenzene	12.812	105	17411	4.085	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	15712	3.802	ug/l	98
85) sec-Butylbenzene	13.251	105	6583	1.199	ug/l	88

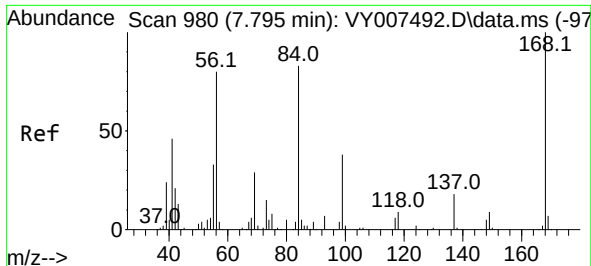
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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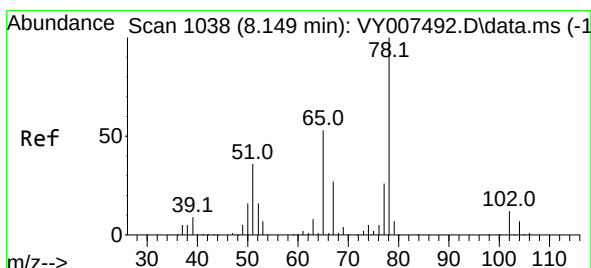
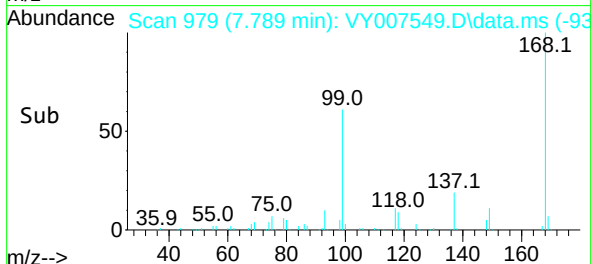
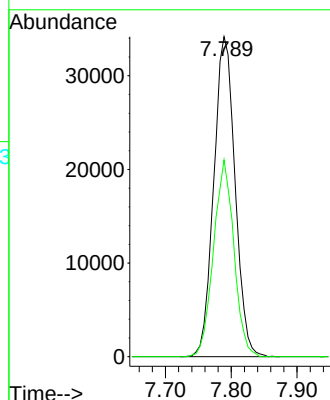
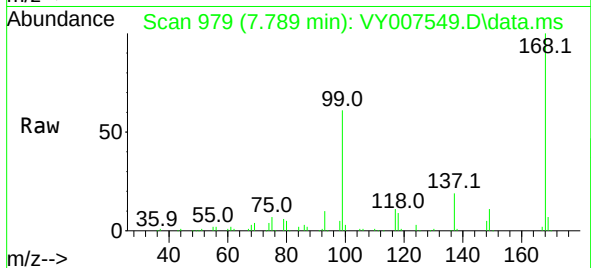




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007549.D
Acq: 18 Feb 2022 16:51

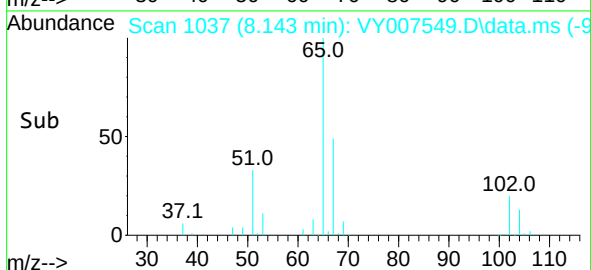
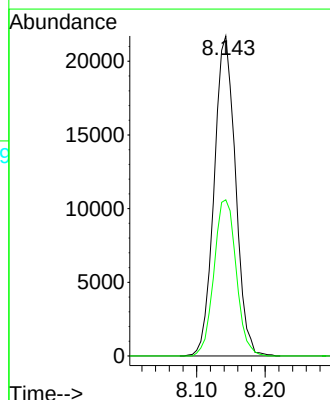
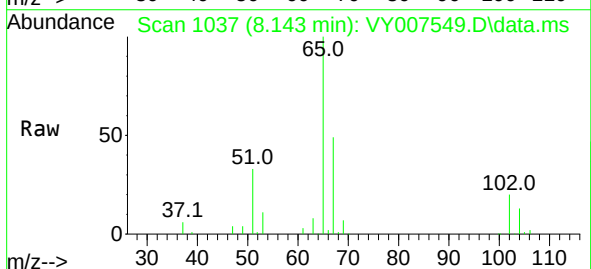
Instrument :
MSVOA_Y
ClientSampleId :
C0AA1

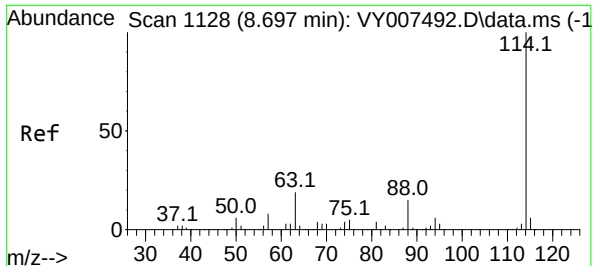
Tgt Ion:168 Resp: 76956
Ion Ratio Lower Upper
168 100
99 61.5 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 55.210 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY007549.D
Acq: 18 Feb 2022 16:51

Tgt Ion: 65 Resp: 46908
Ion Ratio Lower Upper
65 100
67 50.8 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY007549.D

Acq: 18 Feb 2022 16:51

Instrument :

MSVOA_Y

ClientSampleId :

C0AA1

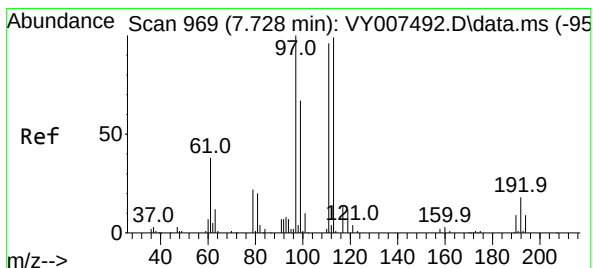
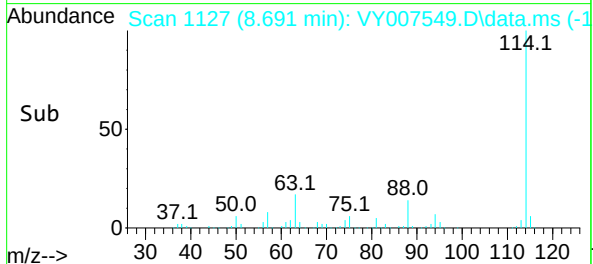
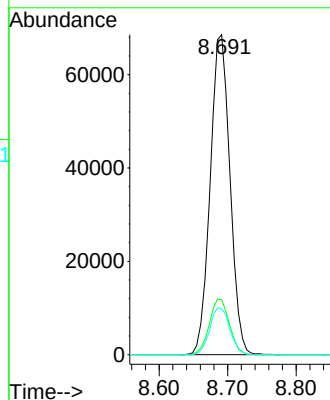
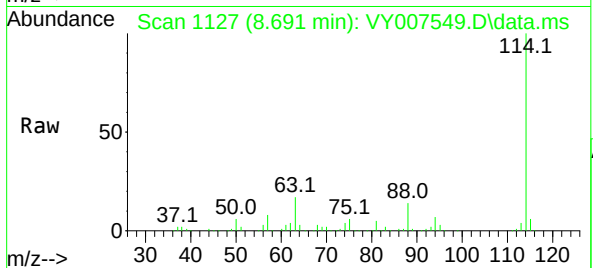
Tgt Ion:114 Resp: 137158

Ion Ratio Lower Upper

114 100

63 17.1 0.0 43.2

88 14.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 53.458 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY007549.D

Acq: 18 Feb 2022 16:51

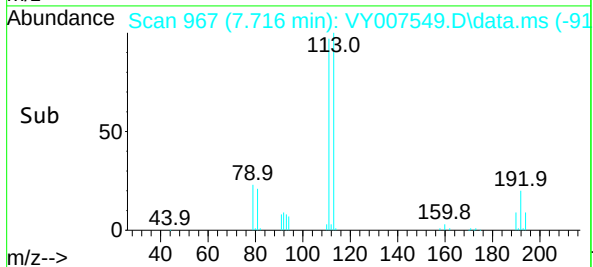
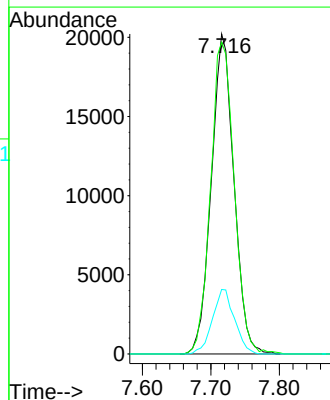
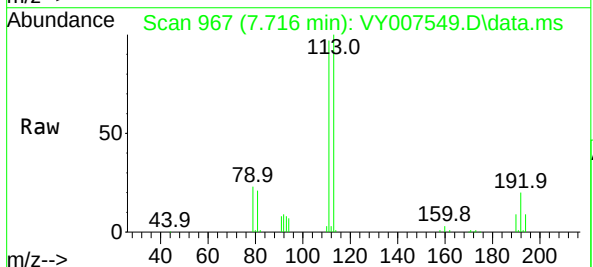
Tgt Ion:113 Resp: 46239

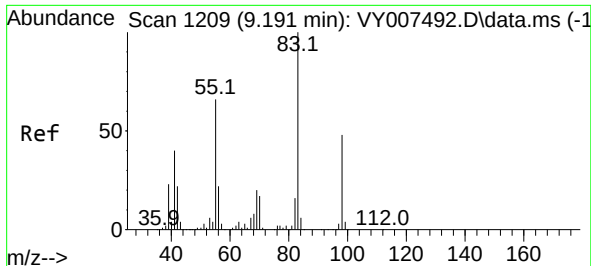
Ion Ratio Lower Upper

113 100

111 101.9 82.6 124.0

192 19.7 17.6 26.4





#39

Methylcyclohexane

Concen: 1.420 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY007549.D

Acq: 18 Feb 2022 16:51

Instrument :

MSVOA_Y

ClientSampleId :

C0AA1

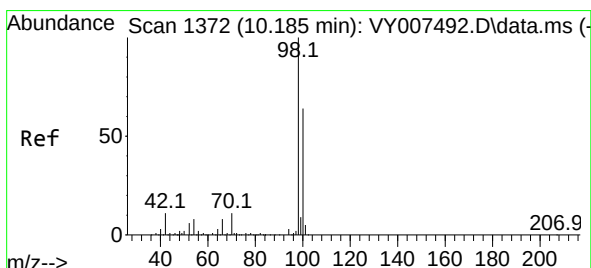
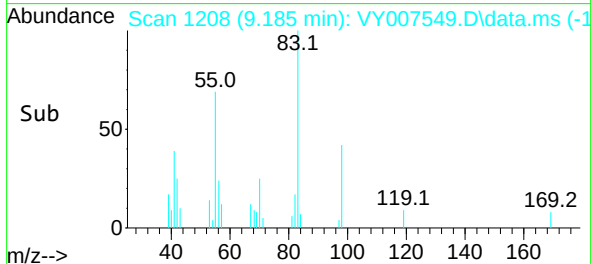
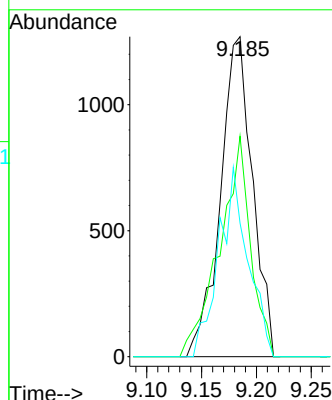
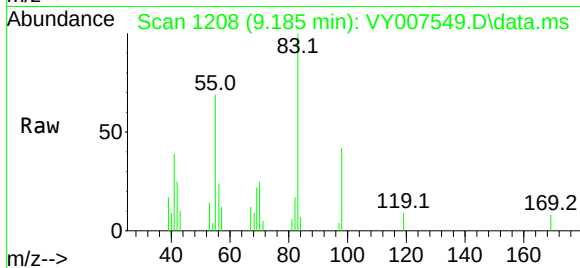
Tgt Ion: 83 Resp: 2583

Ion Ratio Lower Upper

83 100

55 68.9 66.5 99.7

98 41.7 37.9 56.9



#50

Toluene-d8

Concen: 49.582 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.006 min

Lab File: VY007549.D

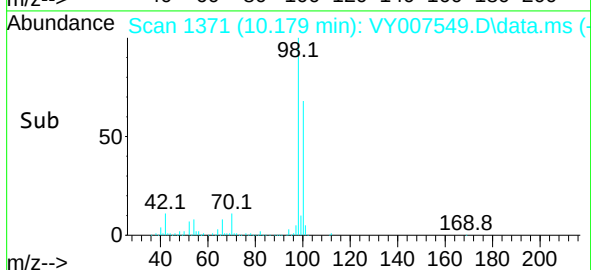
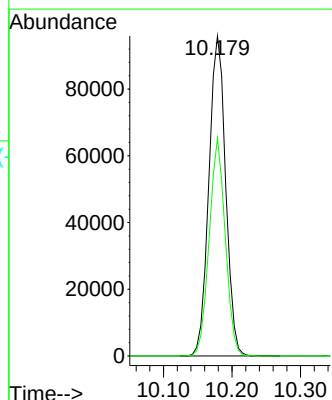
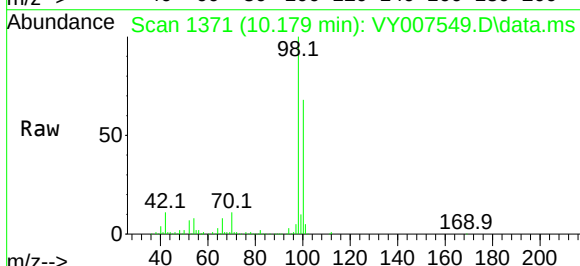
Acq: 18 Feb 2022 16:51

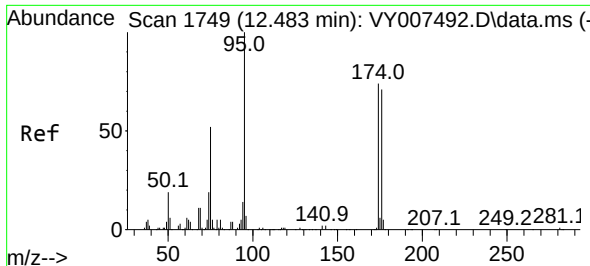
Tgt Ion: 98 Resp: 162887

Ion Ratio Lower Upper

98 100

100 65.4 50.2 75.2

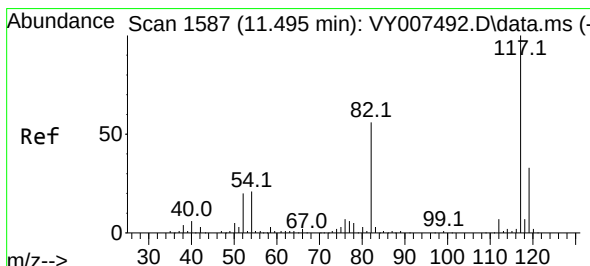
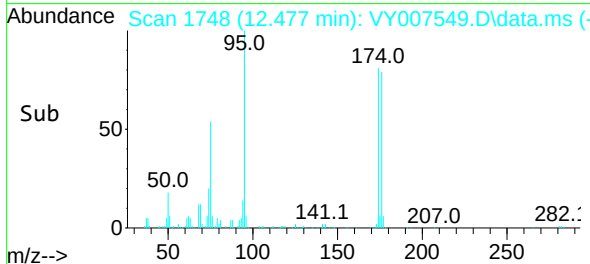
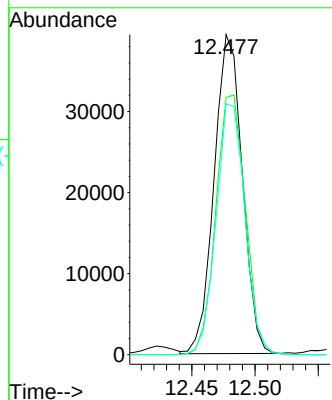
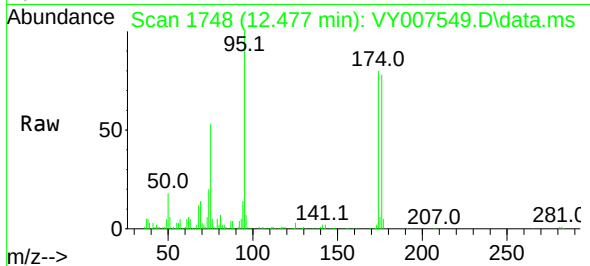




#62
4-Bromofluorobenzene
Concen: 54.604 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY007549.D
Acq: 18 Feb 2022 16:51

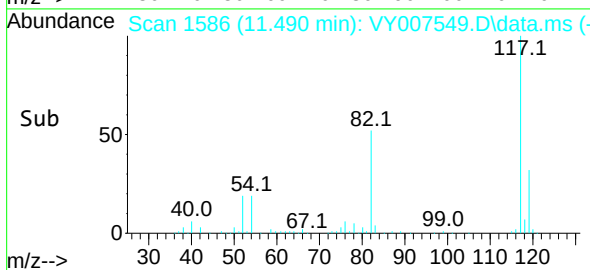
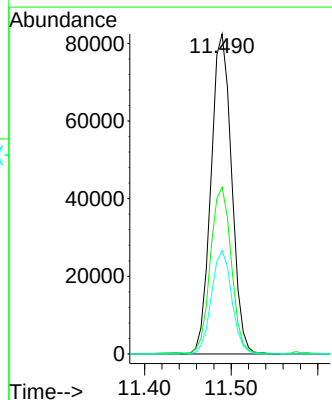
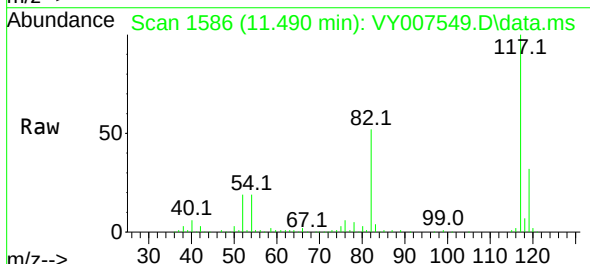
Instrument :
MSVOA_Y
ClientSampleId :
C0AA1

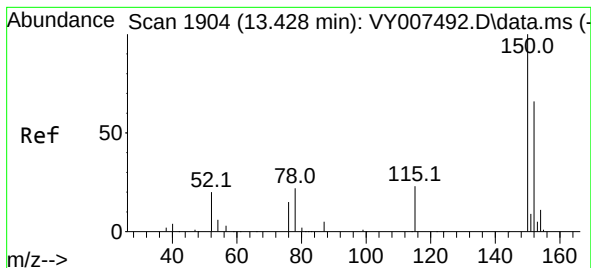
Tgt Ion: 95 Resp: 60825
Ion Ratio Lower Upper
95 100
174 85.4 0.0 177.0
176 80.4 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY007549.D
Acq: 18 Feb 2022 16:51

Tgt Ion: 117 Resp: 136312
Ion Ratio Lower Upper
117 100
82 52.0 43.0 64.4
119 32.3 25.4 38.0

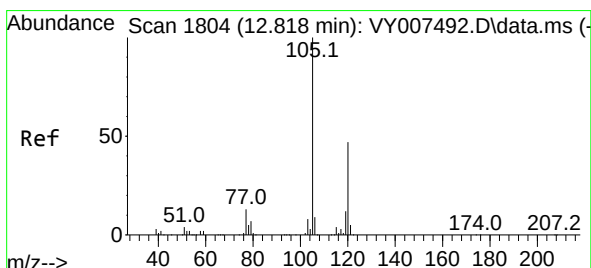
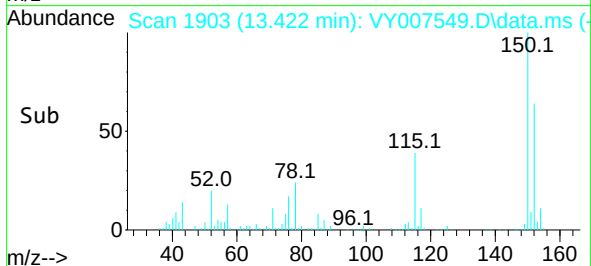
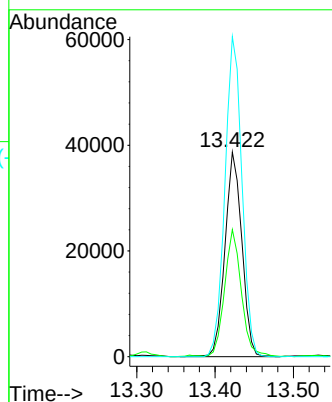
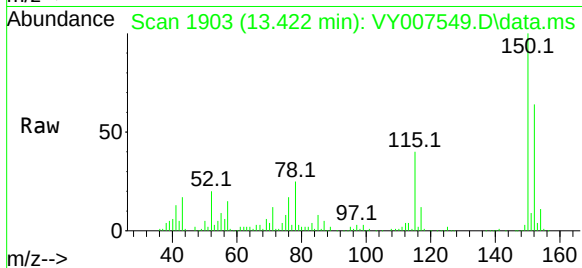




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY007549.D
Acq: 18 Feb 2022 16:51

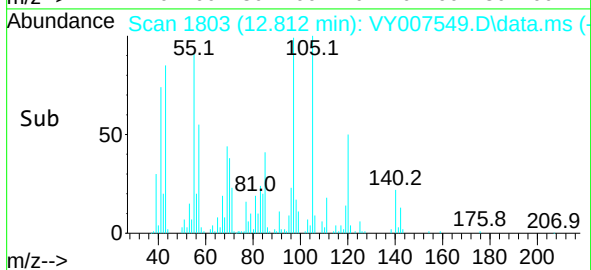
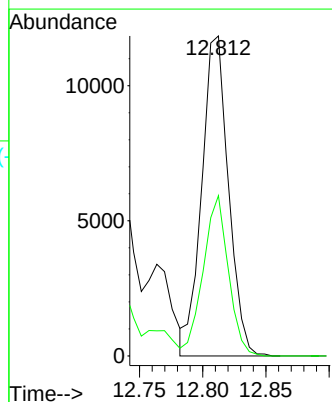
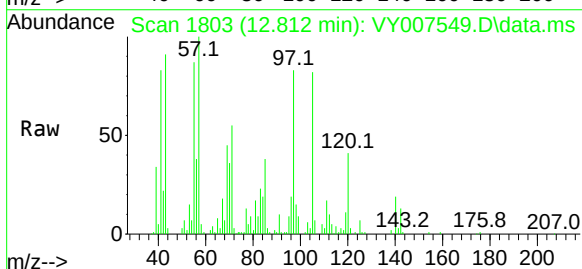
Instrument :
MSVOA_Y
ClientSampleId :
C0AA1

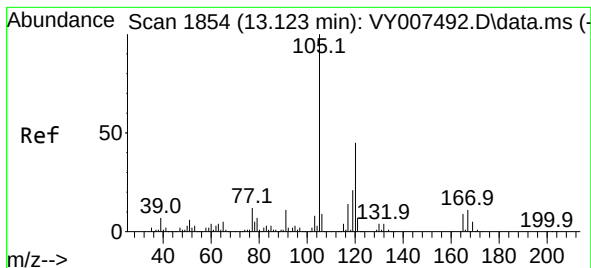
Tgt Ion:152 Resp: 58080
Ion Ratio Lower Upper
152 100
115 61.9 28.2 84.7
150 157.2 0.0 347.6



#80
1,3,5-Trimethylbenzene
Concen: 4.085 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY007549.D
Acq: 18 Feb 2022 16:51

Tgt Ion:105 Resp: 17411
Ion Ratio Lower Upper
105 100
120 47.3 24.4 73.4





#84

1,2,4-Trimethylbenzene

Concen: 3.802 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY007549.D

Acq: 18 Feb 2022 16:51

Instrument :

MSVOA_Y

ClientSampleId :

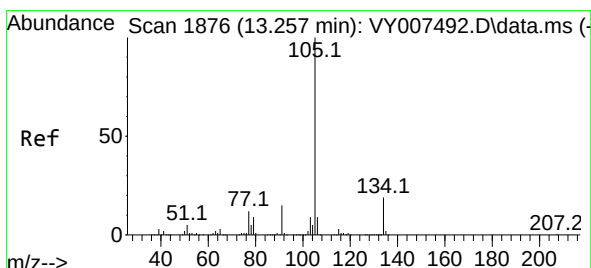
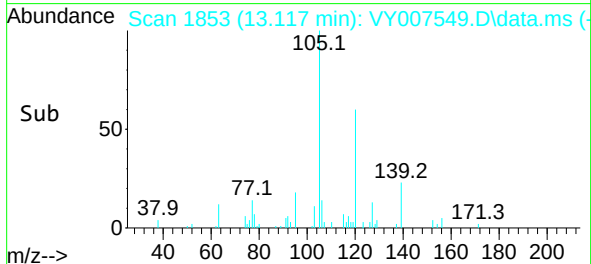
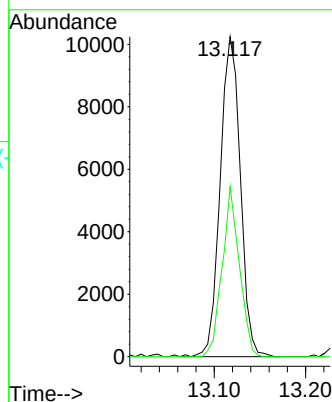
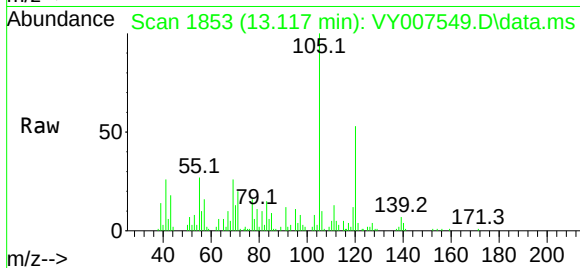
C0AA1

Tgt Ion:105 Resp: 15712

Ion Ratio Lower Upper

105 100

120 45.6 22.3 66.9



#85

sec-Butylbenzene

Concen: 1.199 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY007549.D

Acq: 18 Feb 2022 16:51

Tgt Ion:105 Resp: 6583

Ion Ratio Lower Upper

105 100

134 26.0 10.2 30.4

