

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032323\
 Data File : VY013061.D
 Acq On : 23 Mar 2023 14:45
 Operator : KP/MD
 Sample : 02047-01
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 R-PIT

Quant Time: Mar 24 05:03:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	76300	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	128245	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	120254	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	56204	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	51944	68.567	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	137.140%
35) Dibromofluoromethane	7.716	113	45829	59.214	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	118.420%
50) Toluene-d8	10.179	98	156755	55.402	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.800%
62) 4-Bromofluorobenzene	12.477	95	47651	49.896	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.800%

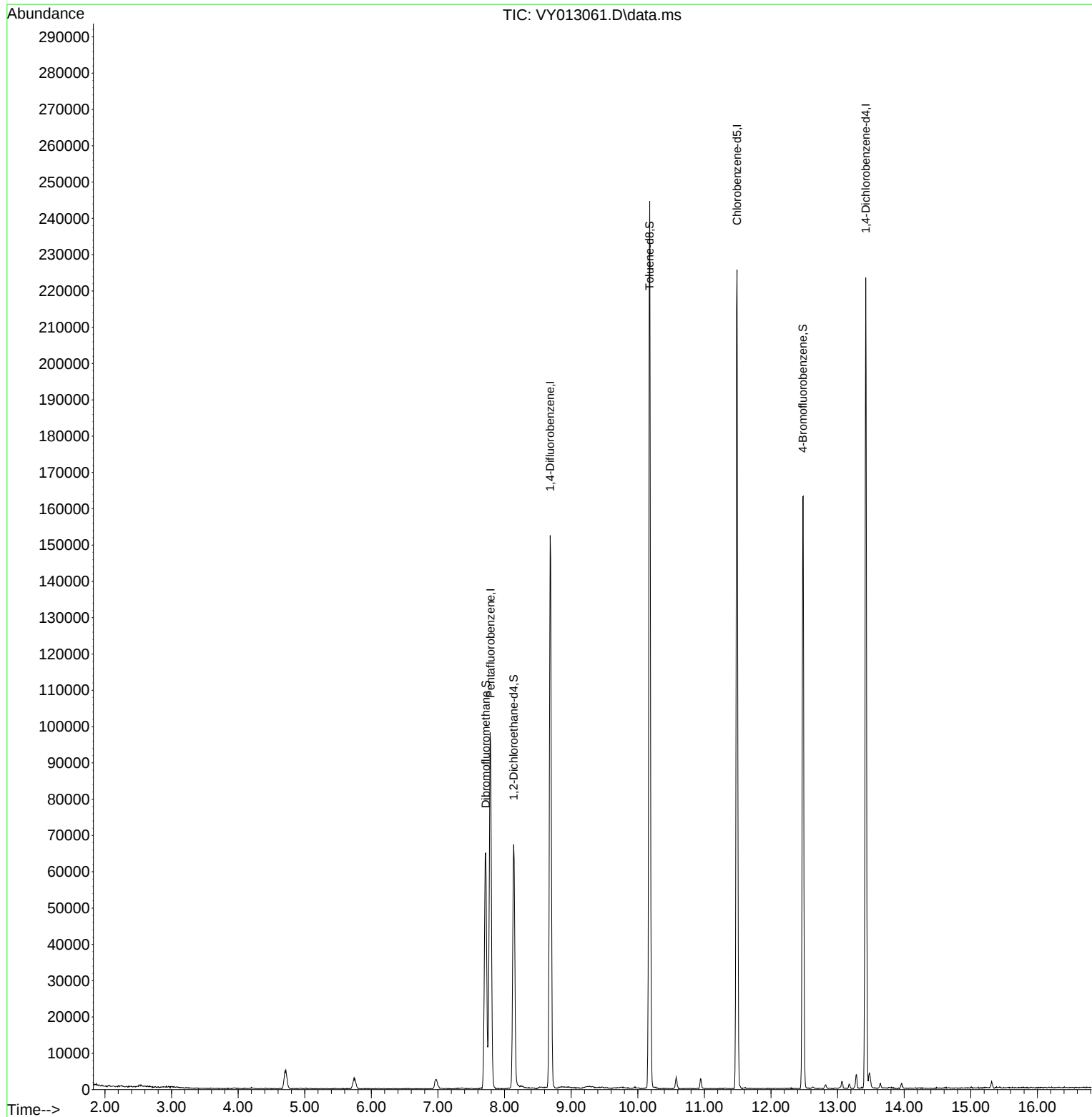
Target Compounds	Qvalue

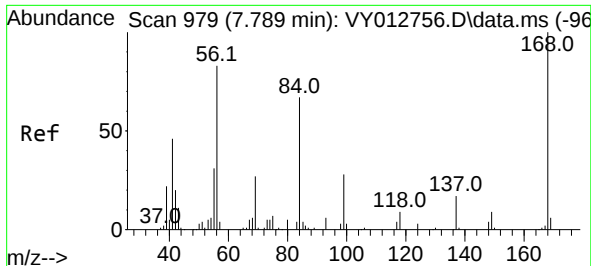
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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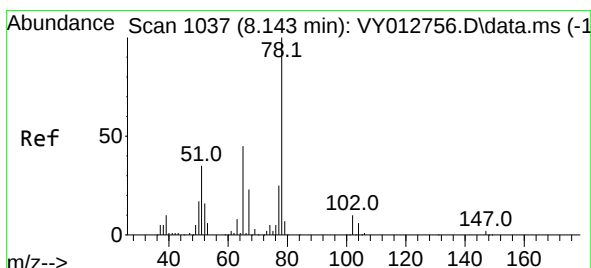
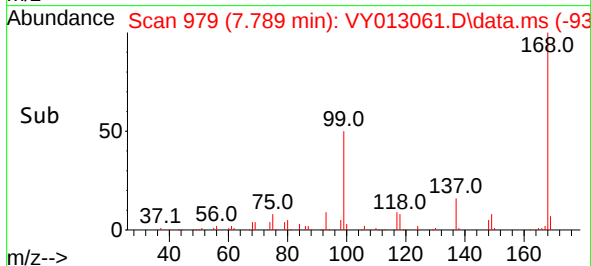
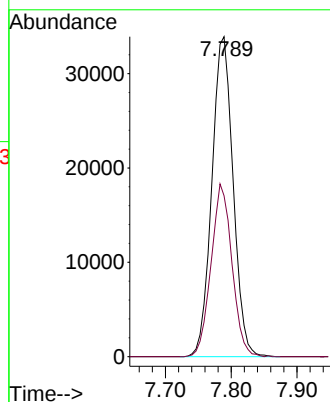
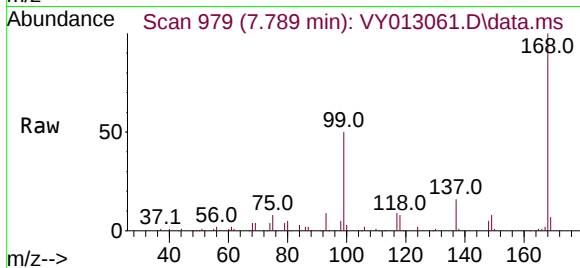




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013061.D
Acq: 23 Mar 2023 14:45

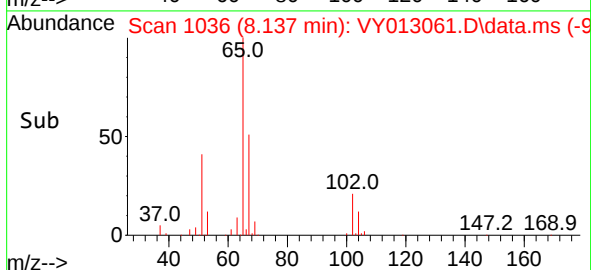
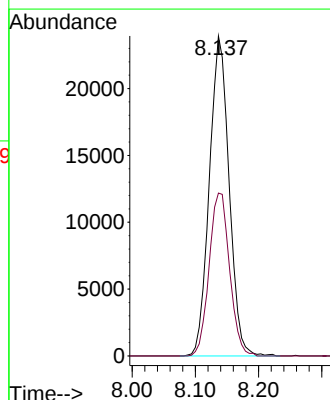
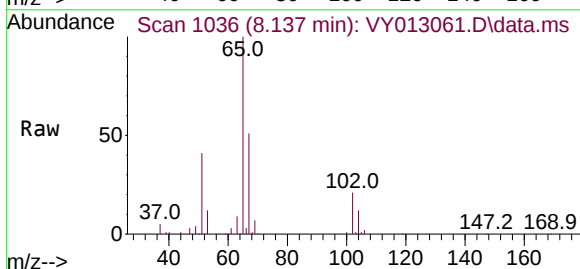
Instrument :
MSVOA_Y
ClientSampleId :
R-PIT

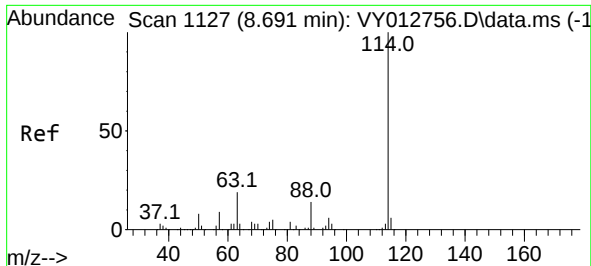
Tgt Ion:168 Resp: 76300
Ion Ratio Lower Upper
168 100
99 50.3 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 68.567 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY013061.D
Acq: 23 Mar 2023 14:45

Tgt Ion: 65 Resp: 51944
Ion Ratio Lower Upper
65 100
67 52.6 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY013061.D

Acq: 23 Mar 2023 14:45

Instrument :

MSVOA_Y

ClientSampleId :

R-PIT

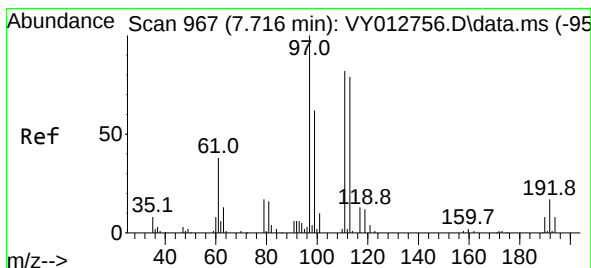
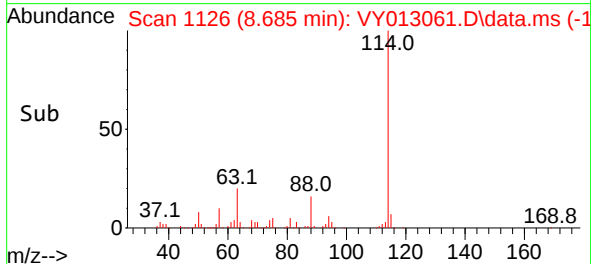
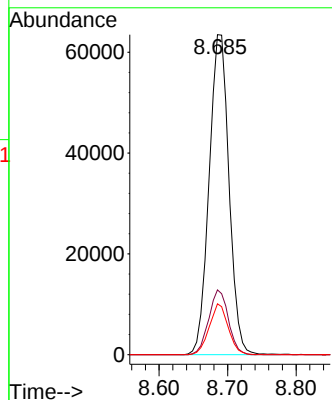
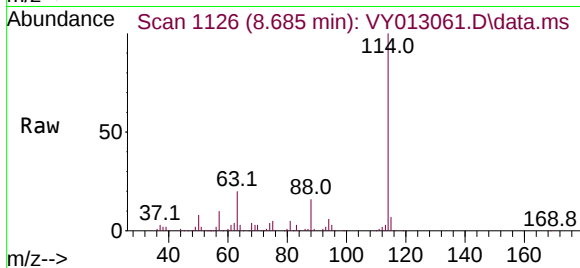
Tgt Ion:114 Resp: 128245

Ion Ratio Lower Upper

114 100

63 20.2 0.0 37.4

88 15.9 0.0 28.6



#35

Dibromofluoromethane

Concen: 59.214 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY013061.D

Acq: 23 Mar 2023 14:45

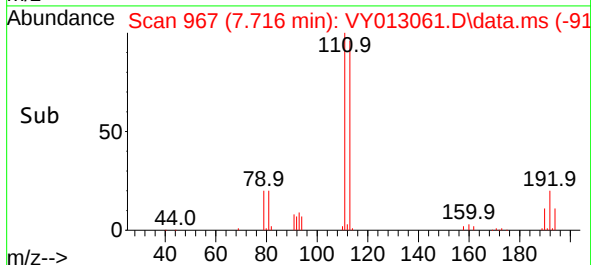
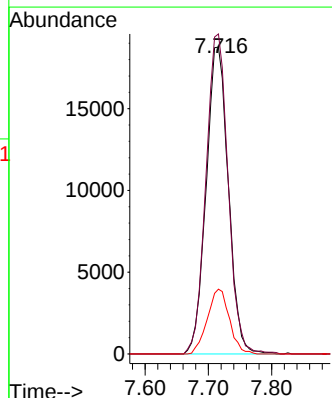
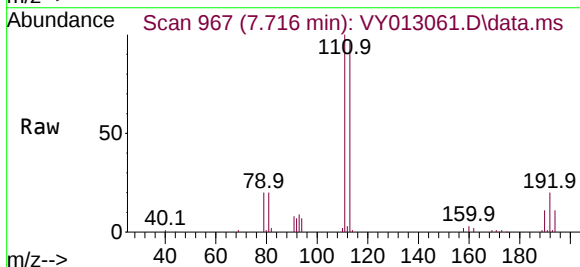
Tgt Ion:113 Resp: 45829

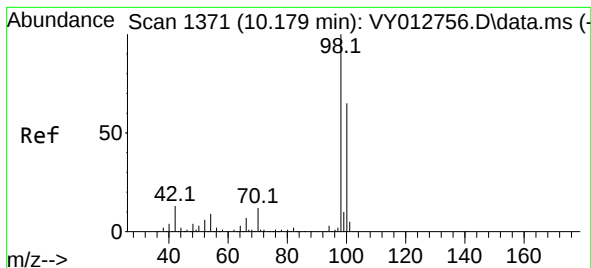
Ion Ratio Lower Upper

113 100

111 103.8 82.2 123.2

192 20.9 16.8 25.2





#50

Toluene-d8

Concen: 55.402 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY013061.D

Acq: 23 Mar 2023 14:45

Instrument :

MSVOA_Y

ClientSampleId :

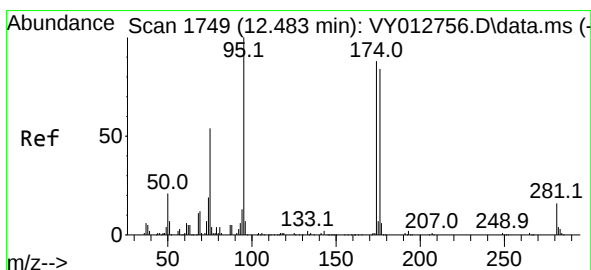
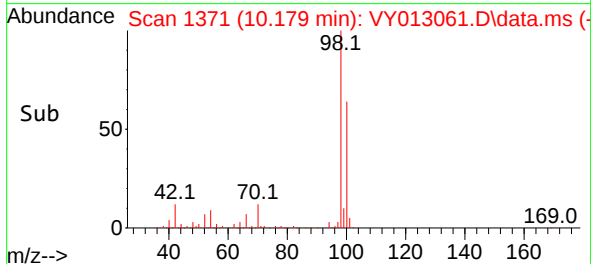
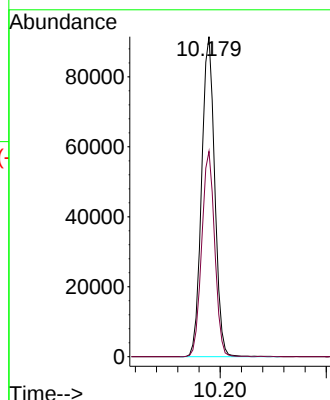
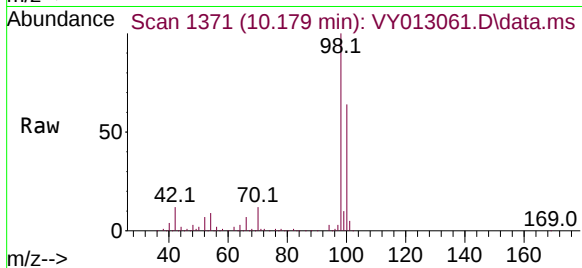
R-PIT

Tgt Ion: 98 Resp: 156755

Ion Ratio Lower Upper

98 100

100 63.7 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 49.896 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.006 min

Lab File: VY013061.D

Acq: 23 Mar 2023 14:45

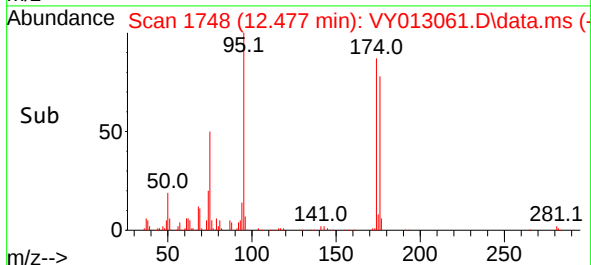
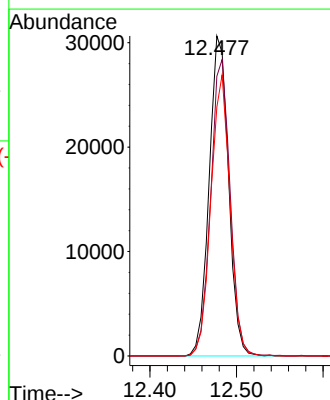
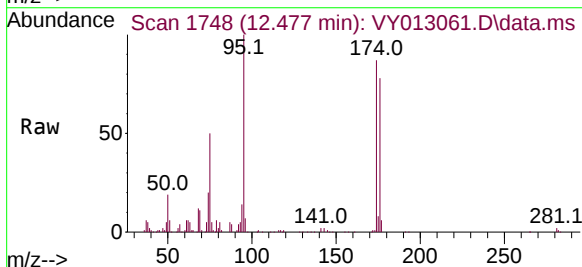
Tgt Ion: 95 Resp: 47651

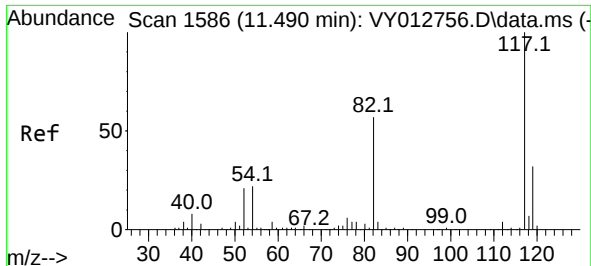
Ion Ratio Lower Upper

95 100

174 92.9 0.0 176.6

176 86.6 0.0 170.2

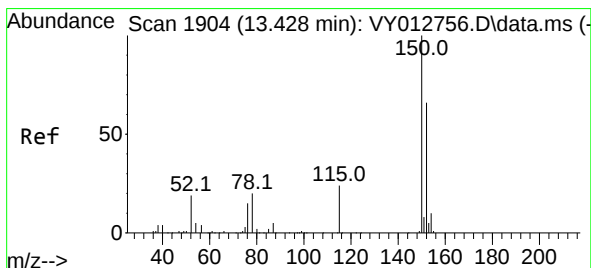
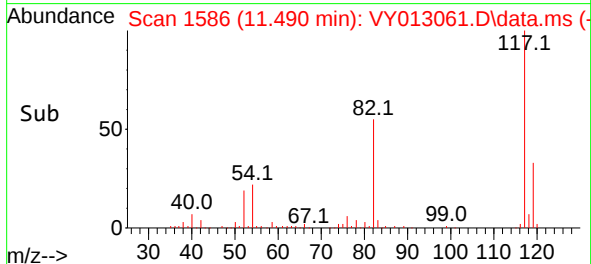
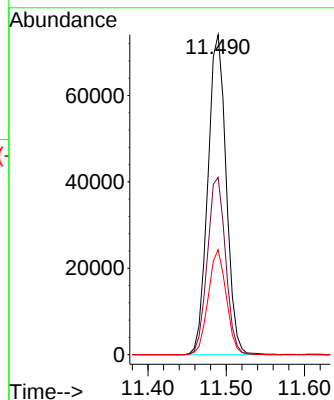
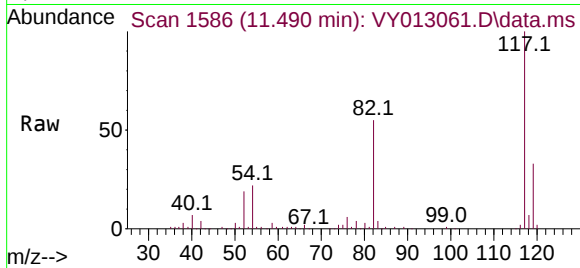




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013061.D
Acq: 23 Mar 2023 14:45

Instrument :
MSVOA_Y
ClientSampleId :
R-PIT

Tgt Ion:117 Resp: 120254
Ion Ratio Lower Upper
117 100
82 55.4 45.4 68.0
119 32.8 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY013061.D
Acq: 23 Mar 2023 14:45

Tgt Ion:152 Resp: 56204
Ion Ratio Lower Upper
152 100
115 55.6 27.1 81.3
150 155.8 0.0 347.8

