

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032823\
 Data File : VY013112.D
 Acq On : 28 Mar 2023 13:27
 Operator : KP/MD
 Sample : 02105-01
 Misc : 4.50g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WV-SOIL1-0327

Quant Time: Mar 29 02:28:16 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	78327	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	136957	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	128222	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	55903	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	52649	67.700	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	135.400%
35) Dibromofluoromethane	7.716	113	47019	56.887	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.780%
50) Toluene-d8	10.179	98	162981	53.938	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.880%
62) 4-Bromofluorobenzene	12.483	95	50997	50.003	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.000%

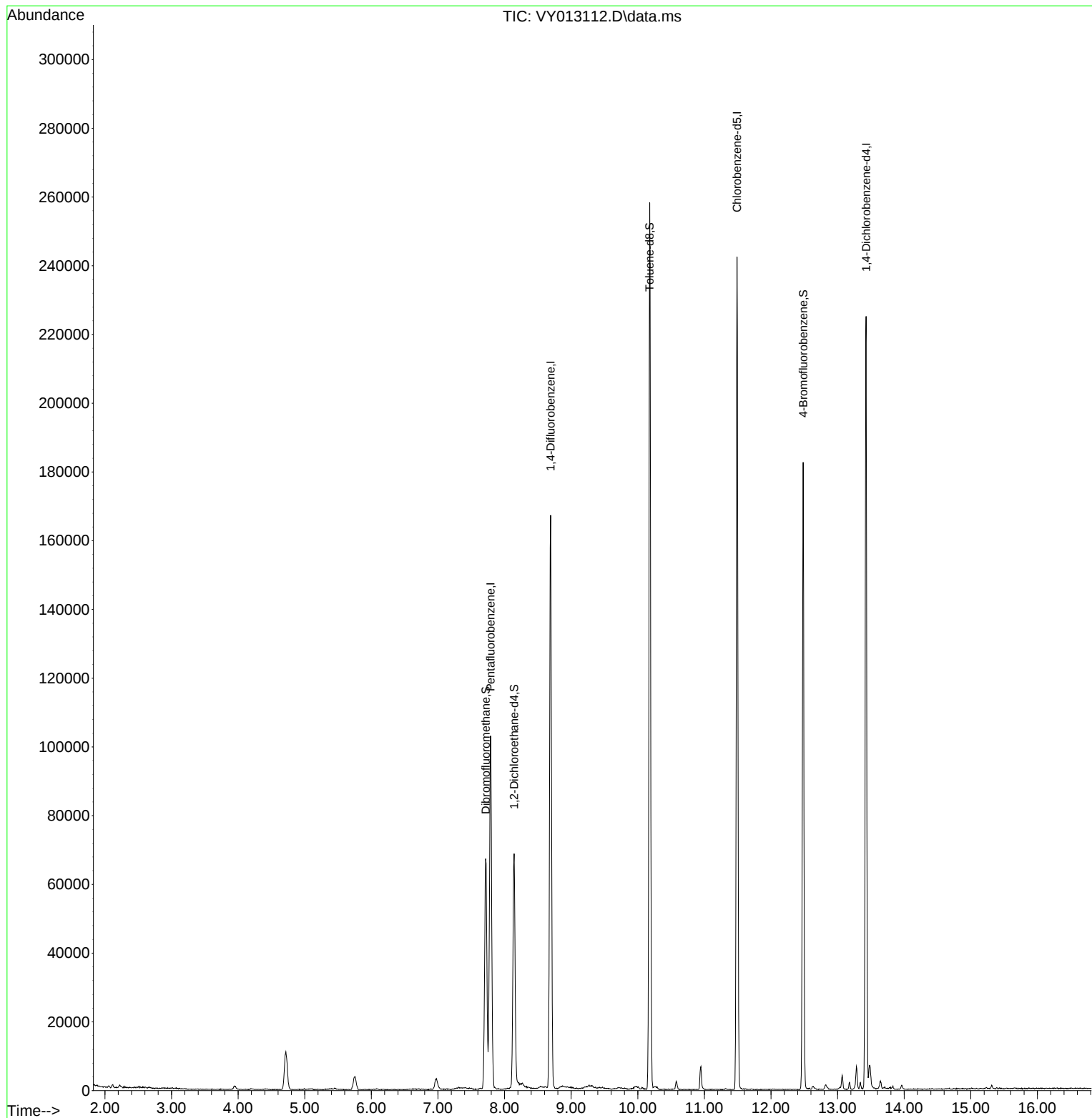
Target Compounds	Qvalue

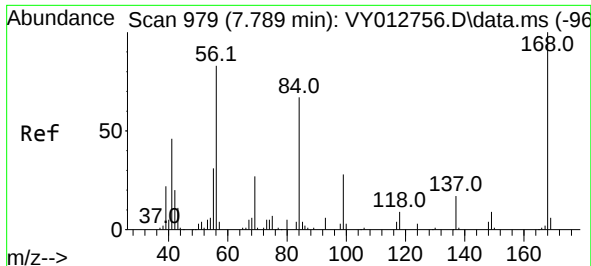
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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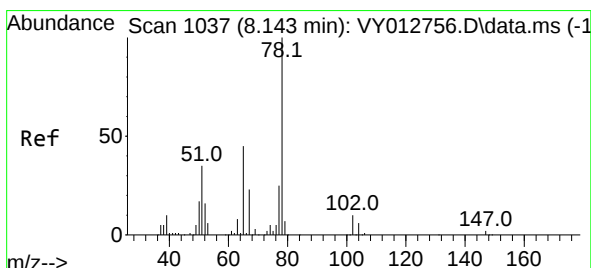
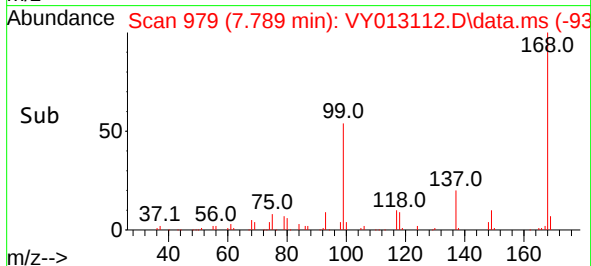
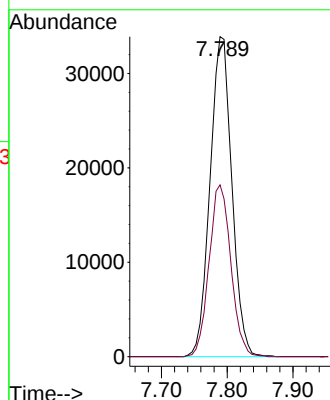
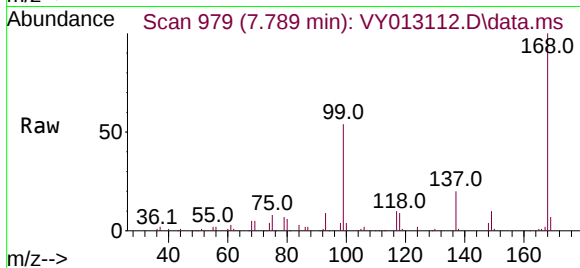




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013112.D
Acq: 28 Mar 2023 13:27

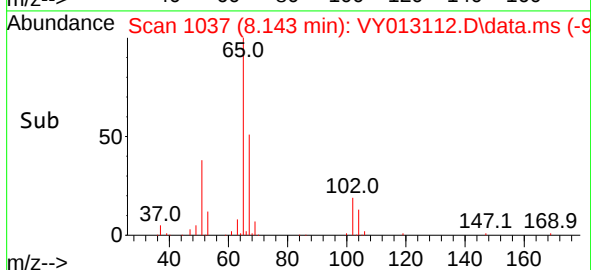
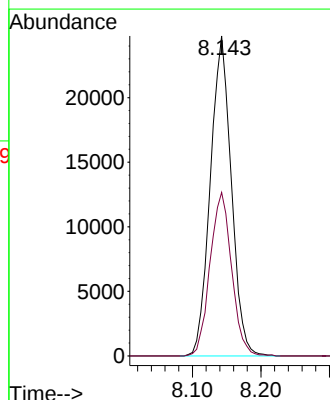
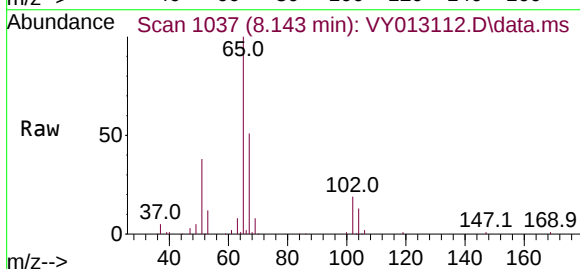
Instrument :
MSVOA_Y
ClientSampleId :
WV-SOIL1-0327

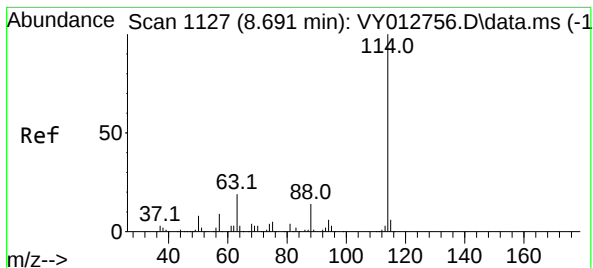
Tgt Ion:168 Resp: 78327
Ion Ratio Lower Upper
168 100
99 53.7 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 67.700 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY013112.D
Acq: 28 Mar 2023 13:27

Tgt Ion: 65 Resp: 52649
Ion Ratio Lower Upper
65 100
67 52.6 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013112.D

Acq: 28 Mar 2023 13:27

Instrument :

MSVOA_Y

ClientSampleId :

WV-SOIL1-0327

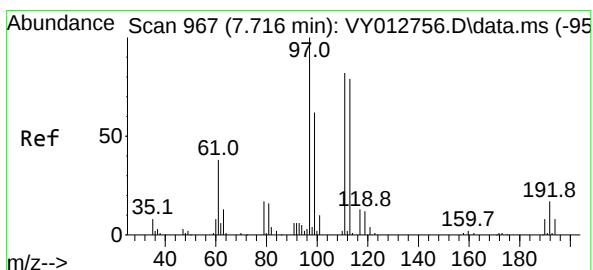
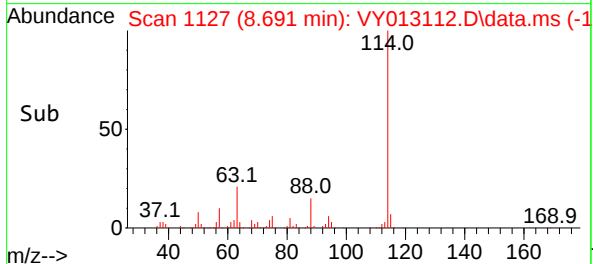
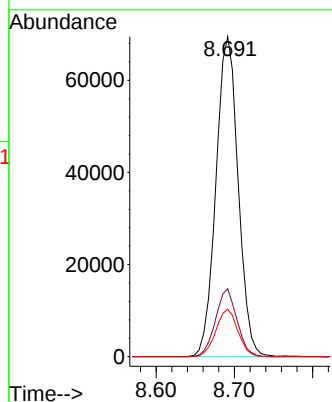
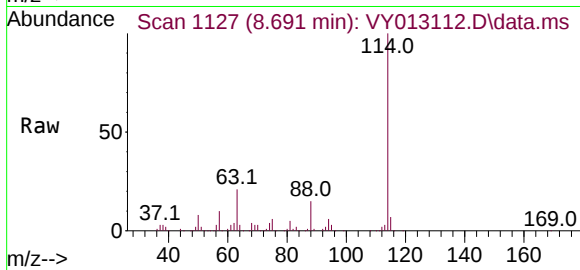
Tgt Ion:114 Resp: 136957

Ion Ratio Lower Upper

114 100

63 21.3 0.0 37.4

88 14.8 0.0 28.6



#35

Dibromofluoromethane

Concen: 56.887 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY013112.D

Acq: 28 Mar 2023 13:27

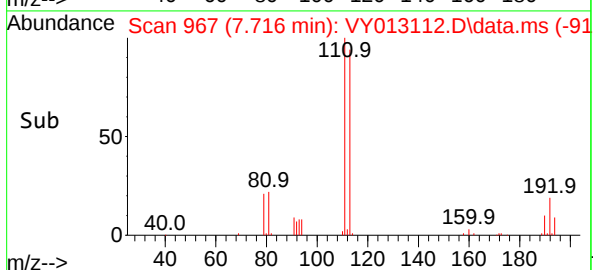
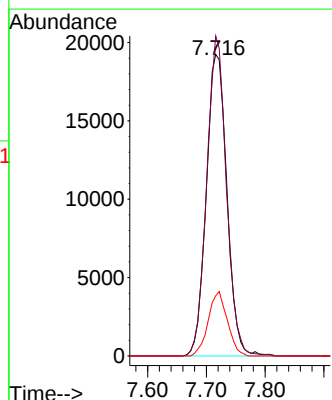
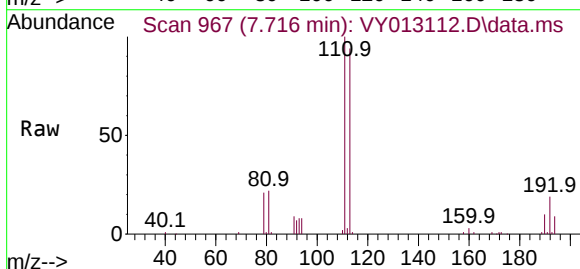
Tgt Ion:113 Resp: 47019

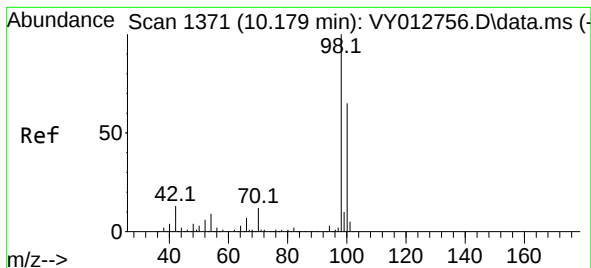
Ion Ratio Lower Upper

113 100

111 101.3 82.2 123.2

192 19.8 16.8 25.2





#50

Toluene-d8

Concen: 53.938 ug/l

RT: 10.179 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013112.D

Acq: 28 Mar 2023 13:27

Instrument :

MSVOA_Y

ClientSampleId :

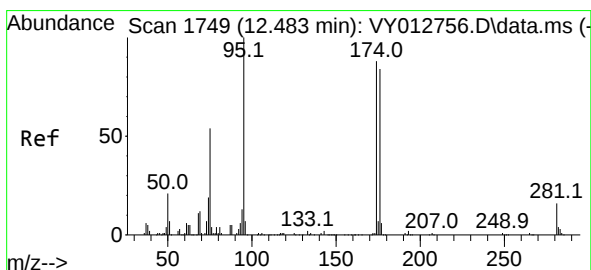
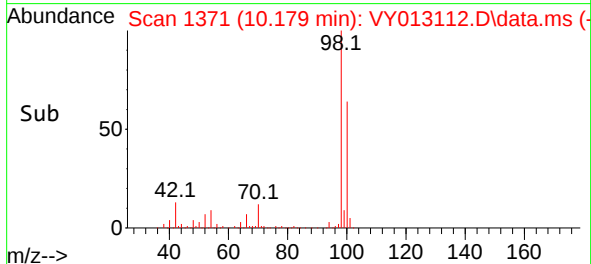
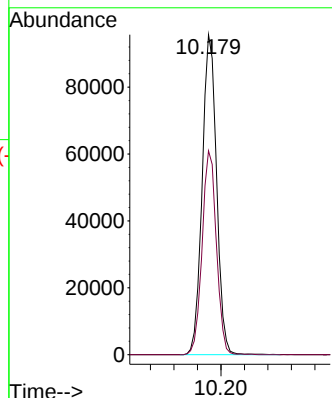
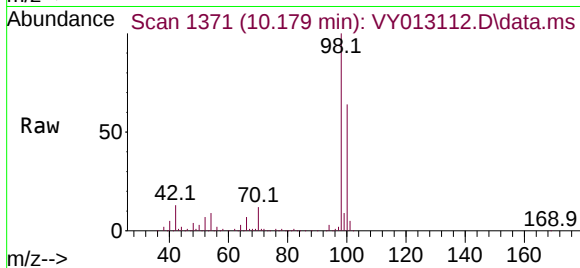
WV-SOIL1-0327

Tgt Ion: 98 Resp: 162981

Ion Ratio Lower Upper

98 100

100 63.1 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 50.003 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY013112.D

Acq: 28 Mar 2023 13:27

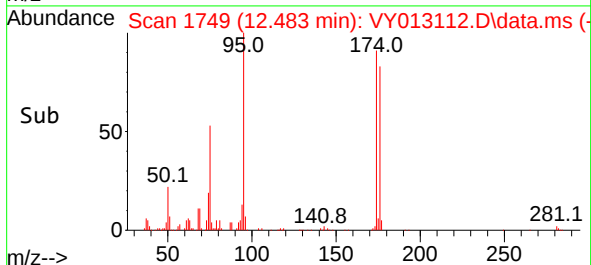
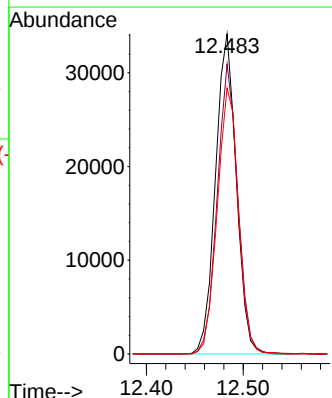
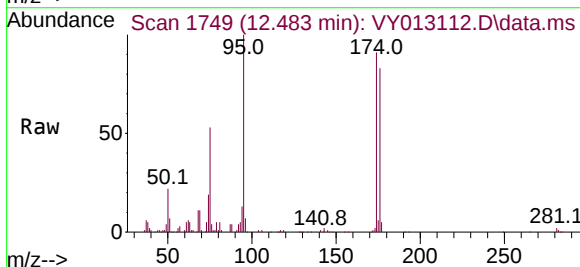
Tgt Ion: 95 Resp: 50997

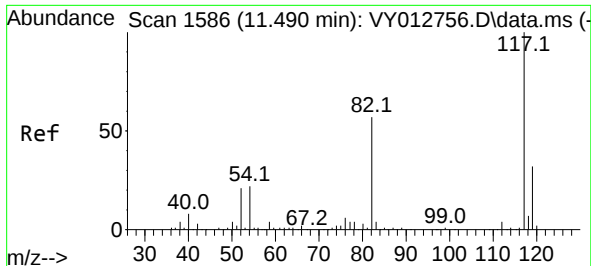
Ion Ratio Lower Upper

95 100

174 89.4 0.0 176.6

176 84.5 0.0 170.2

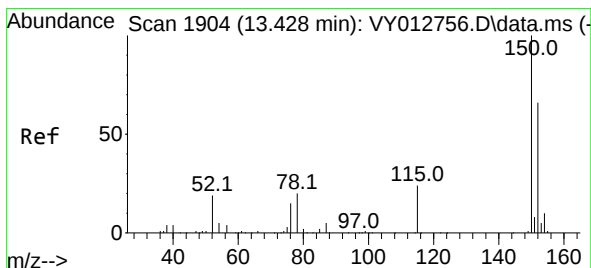
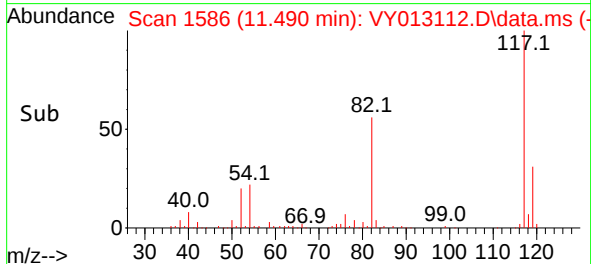
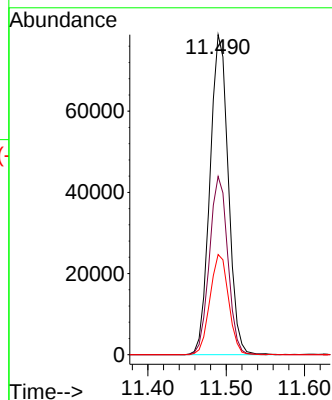
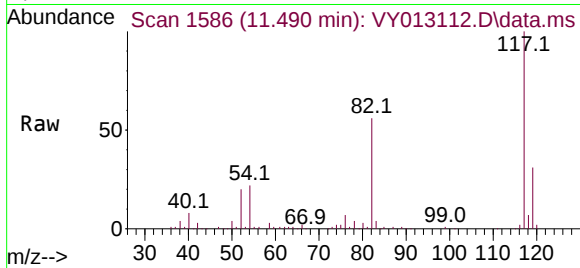




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013112.D
Acq: 28 Mar 2023 13:27

Instrument :
MSVOA_Y
ClientSampleId :
WV-SOIL1-0327

Tgt Ion:117 Resp: 128222
Ion Ratio Lower Upper
117 100
82 55.7 45.4 68.0
119 31.3 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY013112.D
Acq: 28 Mar 2023 13:27

Tgt Ion:152 Resp: 55903
Ion Ratio Lower Upper
152 100
115 57.0 27.1 81.3
150 160.2 0.0 347.8

