

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032323\
 Data File : VY013067.D
 Acq On : 23 Mar 2023 17:59
 Operator : KP/MD
 Sample : 02070-03
 Misc : 6.62g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SOILPILE-2-0323

Quant Time: Mar 24 05:05:49 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	7.783	168	79554	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	132356	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	126704	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	52686	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	57821	73.203	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	146.400%
35) Dibromofluoromethane	7.710	113	47634	59.634	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	119.260%
50) Toluene-d8	10.179	98	164562	56.354	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	112.700%
62) 4-Bromofluorobenzene	12.477	95	46713	47.395	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.780%

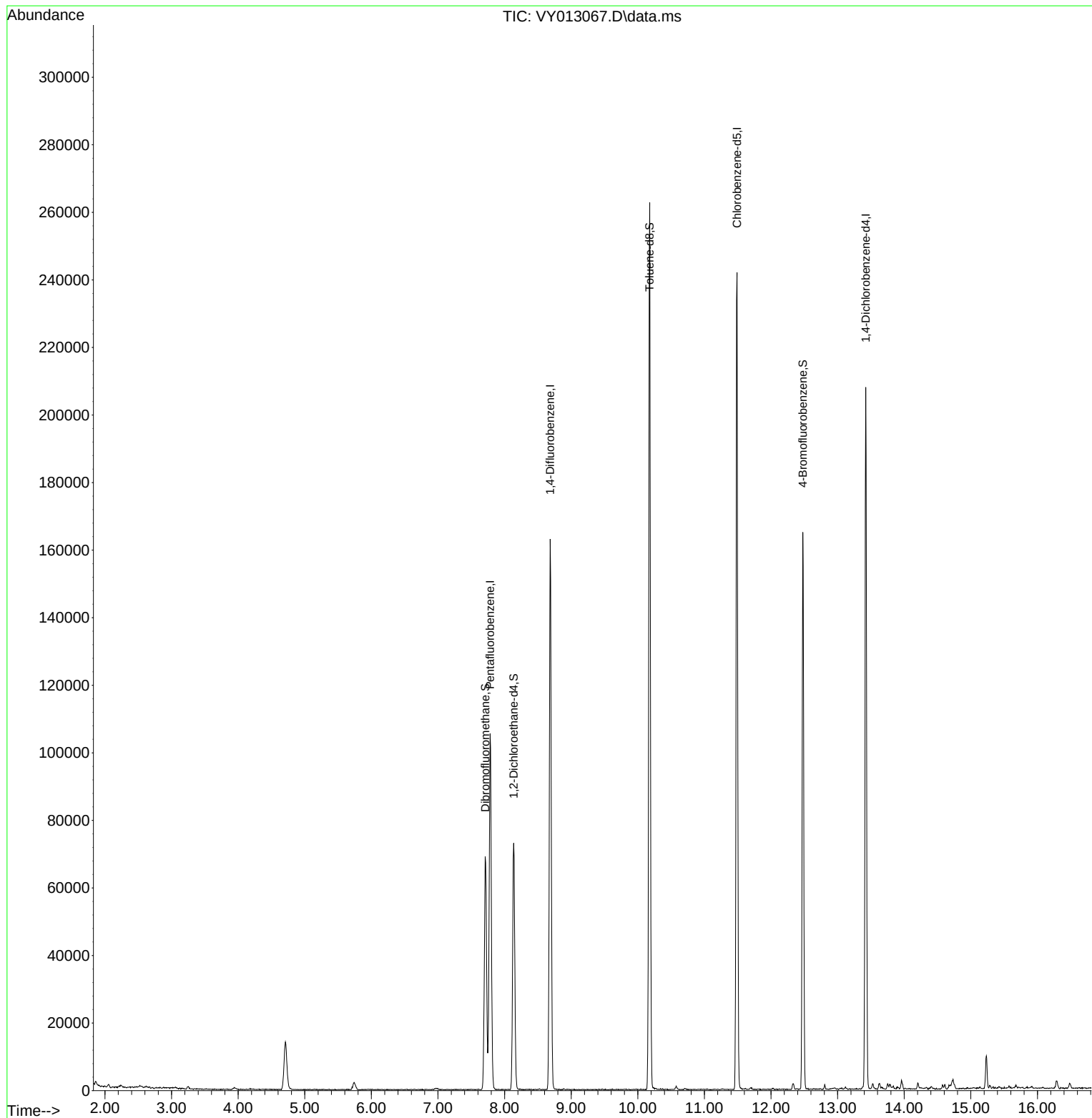
Target Compounds	Qvalue

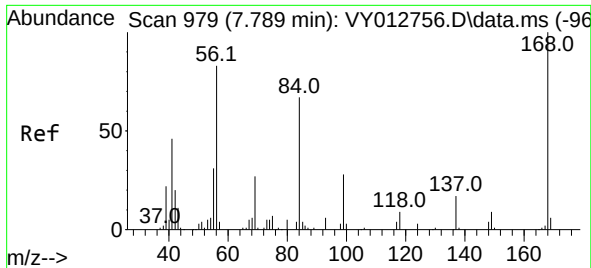
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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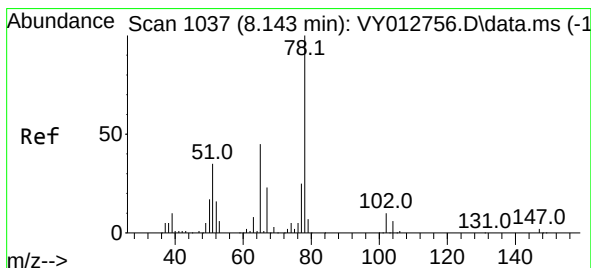
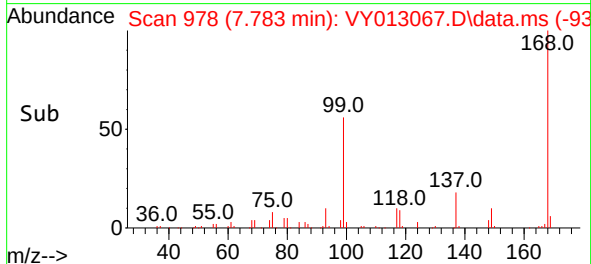
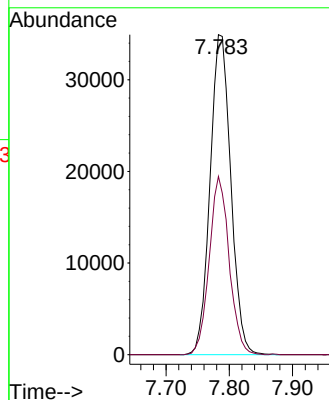
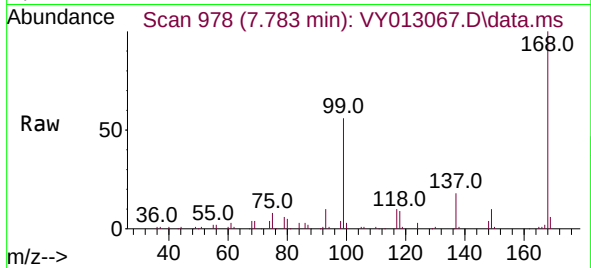




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013067.D
Acq: 23 Mar 2023 17:59

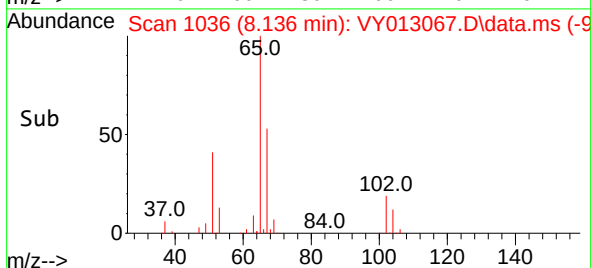
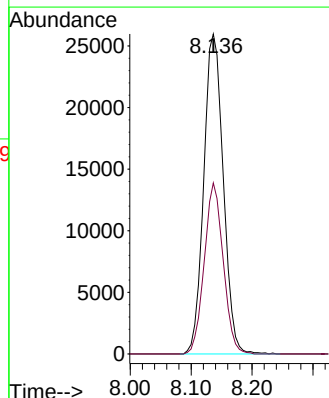
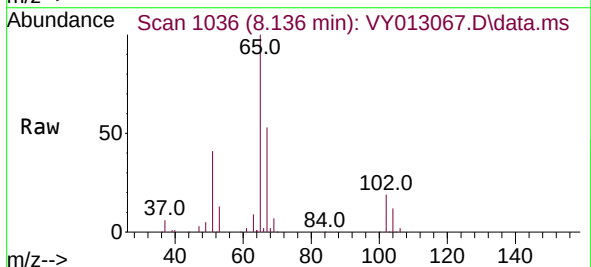
Instrument :
MSVOA_Y
ClientSampleId :
SOILPILE-2-0323

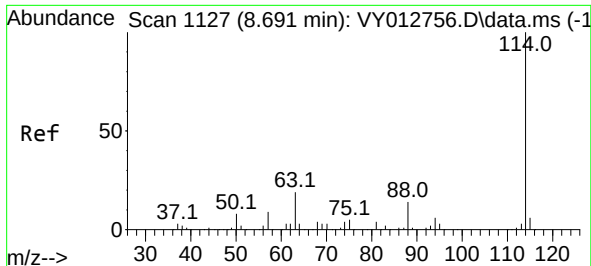
Tgt Ion:168 Resp: 79554
Ion Ratio Lower Upper
168 100
99 55.7 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 73.203 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY013067.D
Acq: 23 Mar 2023 17:59

Tgt Ion: 65 Resp: 57821
Ion Ratio Lower Upper
65 100
67 51.8 0.0 104.0

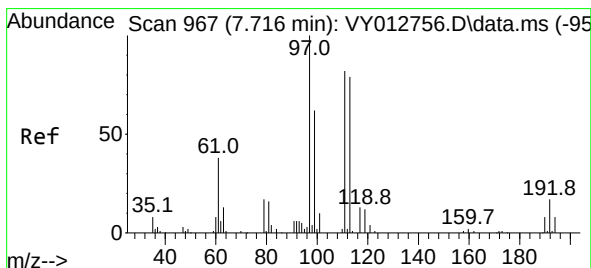
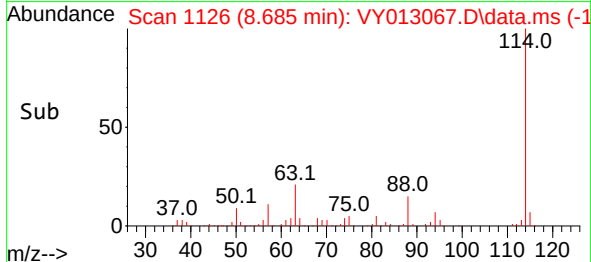
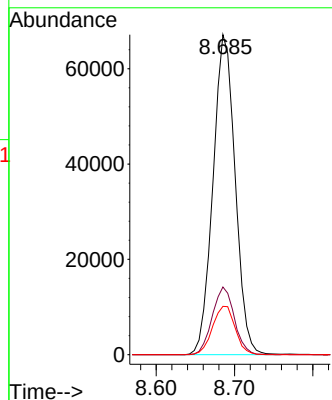
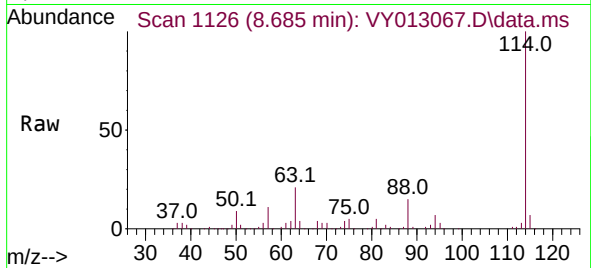




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY013067.D
Acq: 23 Mar 2023 17:59

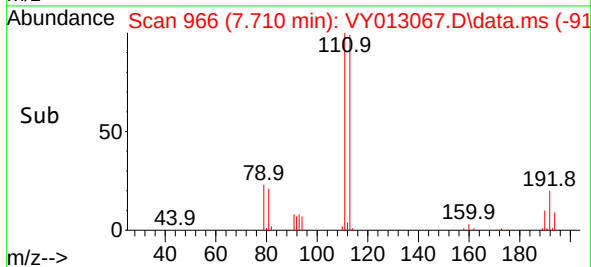
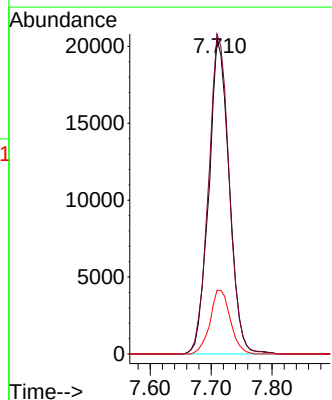
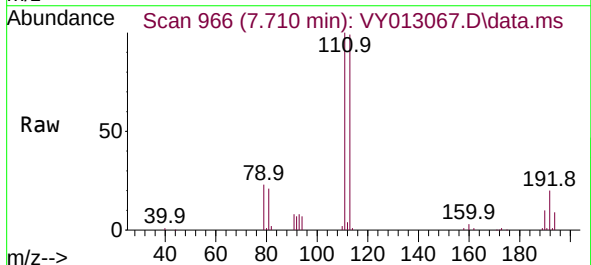
Instrument :
MSVOA_Y
ClientSampleId :
SOILPILE-2-0323

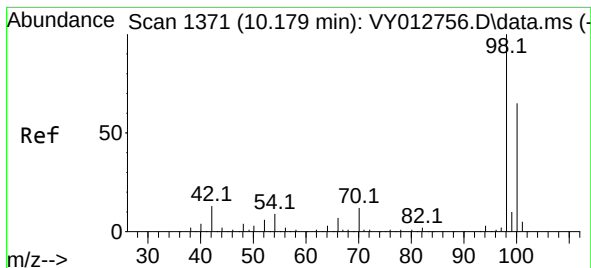
Tgt Ion:114 Resp: 132356
Ion Ratio Lower Upper
114 100
63 21.2 0.0 37.4
88 15.1 0.0 28.6



#35
Dibromofluoromethane
Concen: 59.634 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY013067.D
Acq: 23 Mar 2023 17:59

Tgt Ion:113 Resp: 47634
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.2
192 20.1 16.8 25.2





#50

Toluene-d8

Concen: 56.354 ug/l

RT: 10.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013067.D

Acq: 23 Mar 2023 17:59

Instrument :

MSVOA_Y

ClientSampleId :

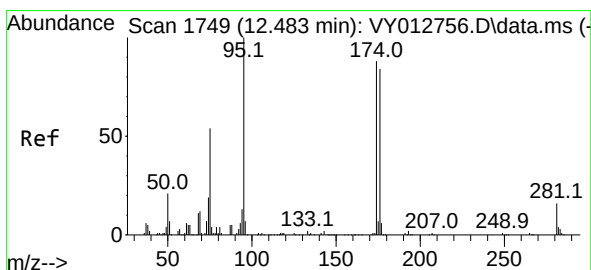
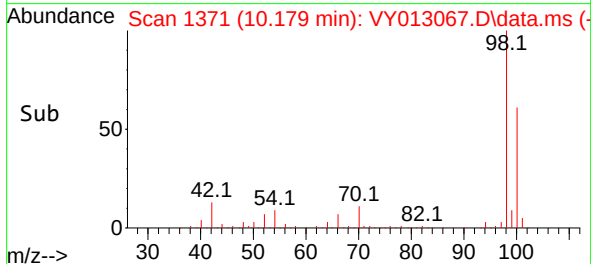
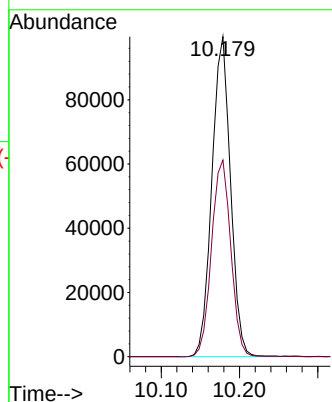
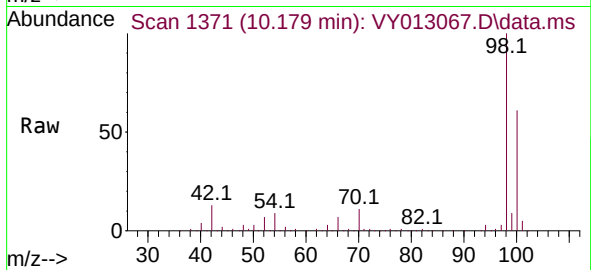
SOILPILE-2-0323

Tgt Ion: 98 Resp: 164562

Ion Ratio Lower Upper

98 100

100 63.5 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 47.395 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.006 min

Lab File: VY013067.D

Acq: 23 Mar 2023 17:59

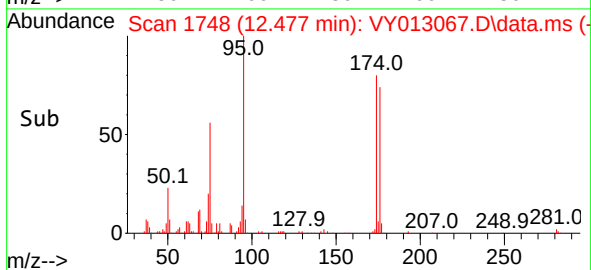
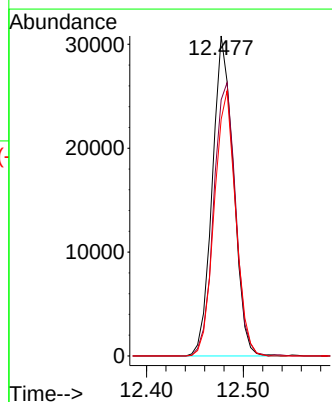
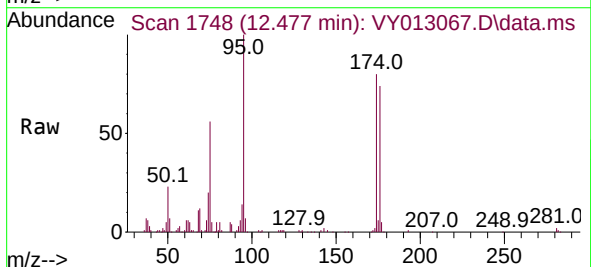
Tgt Ion: 95 Resp: 46713

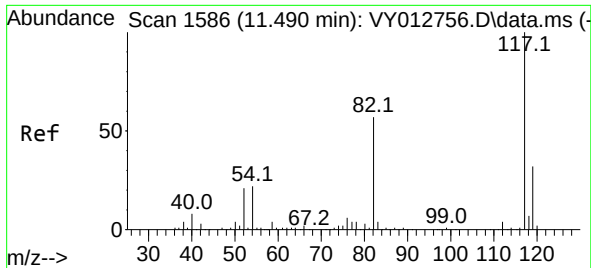
Ion Ratio Lower Upper

95 100

174 88.3 0.0 176.6

176 83.7 0.0 170.2

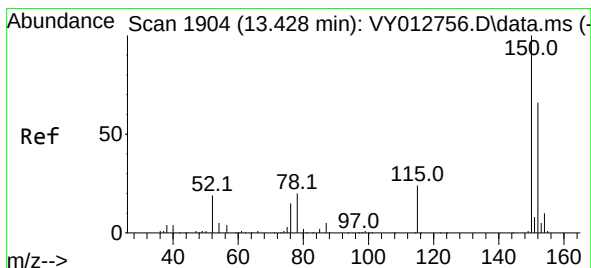
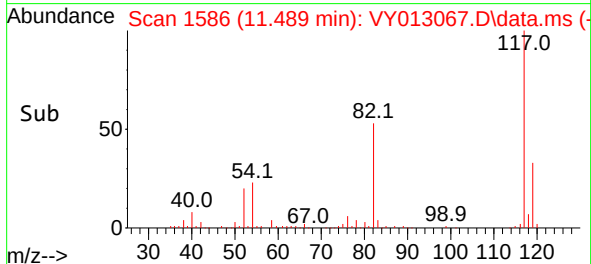
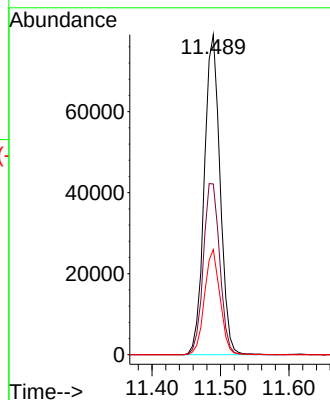
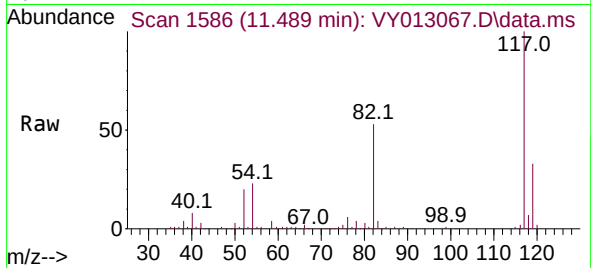




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013067.D
Acq: 23 Mar 2023 17:59

Instrument :
MSVOA_Y
ClientSampleId :
SOILPILE-2-0323

Tgt Ion:117 Resp: 126704
Ion Ratio Lower Upper
117 100
82 53.3 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: VY013067.D
Acq: 23 Mar 2023 17:59

Tgt Ion:152 Resp: 52686
Ion Ratio Lower Upper
152 100
115 57.5 27.1 81.3
150 157.8 0.0 347.8

