

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051123\
 Data File : VY013718.D
 Acq On : 11 May 2023 16:11
 Operator : KP/MD
 Sample : 02724-01
 Misc : 4.68g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOPSOIL-OU3-GRILLO-1

Quant Time: May 12 04:44:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	181799	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	304447	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	296227	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	132974	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	123586	62.013	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.020%	
35) Dibromofluoromethane	7.716	113	105059	54.866	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.740%	
50) Toluene-d8	10.179	98	374682	55.004	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 110.000%	
62) 4-Bromofluorobenzene	12.477	95	117541	51.184	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 102.360%	

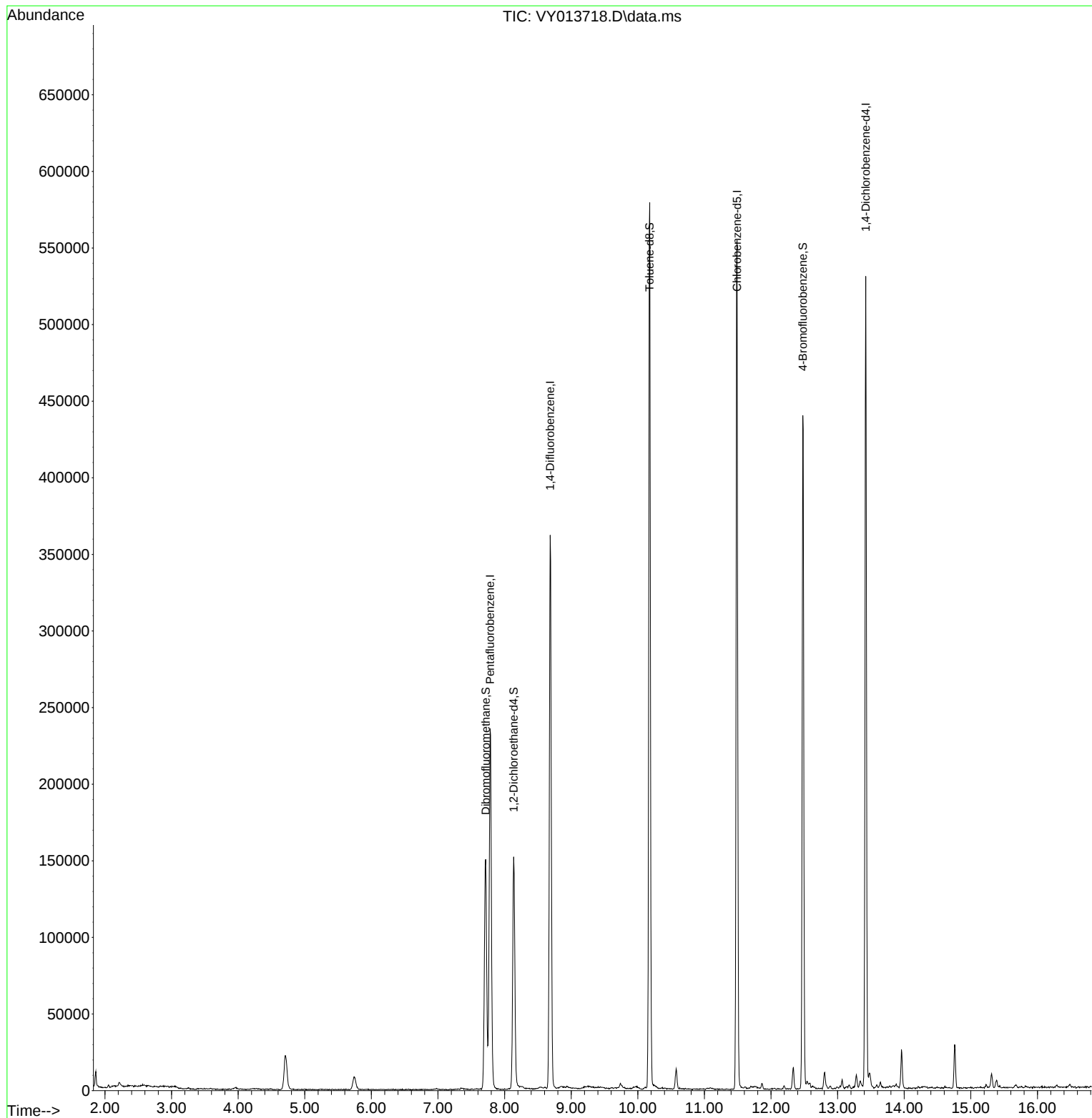
Target Compounds	Qvalue

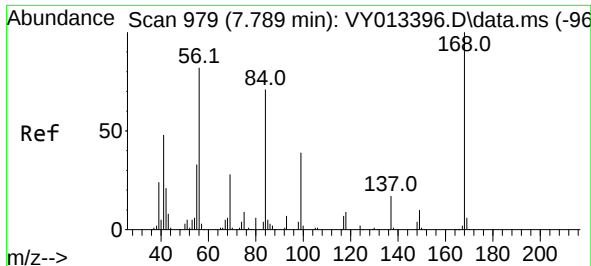
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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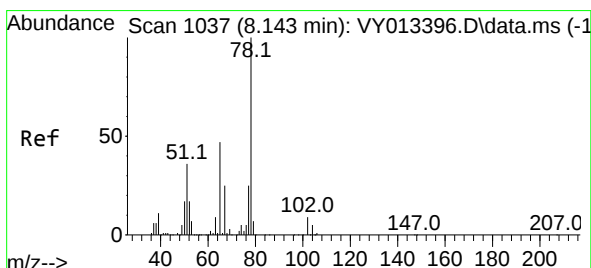
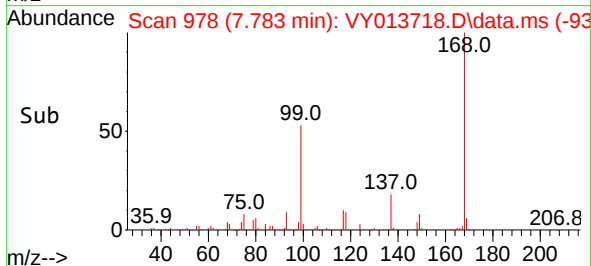
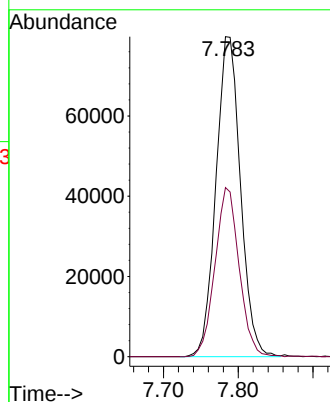
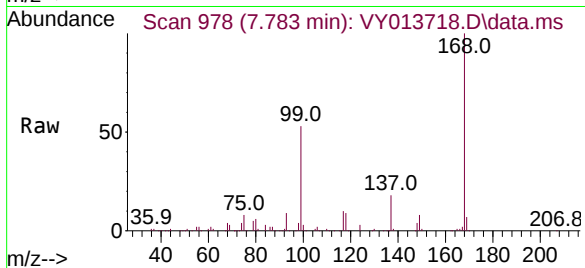




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013718.D
Acq: 11 May 2023 16:11

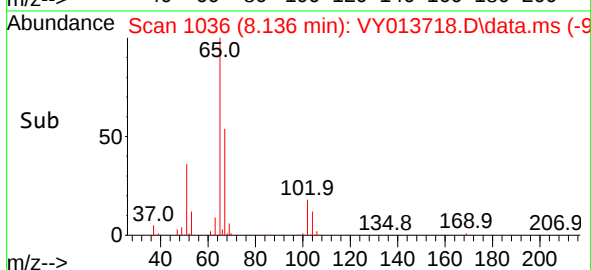
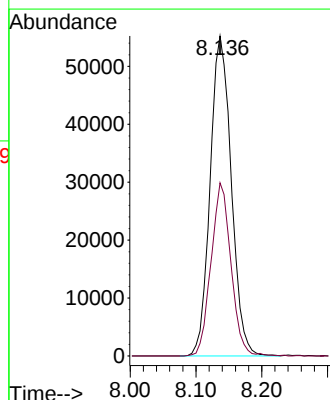
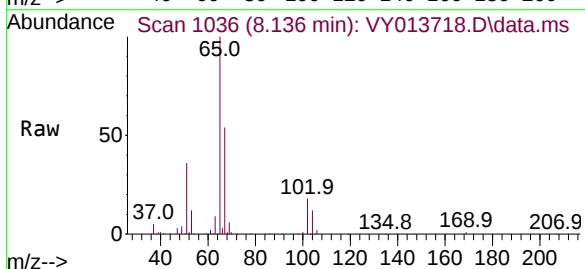
Instrument :
MSVOA_Y
ClientSampleId :
TOPSOIL-OU3-GRILLO-1

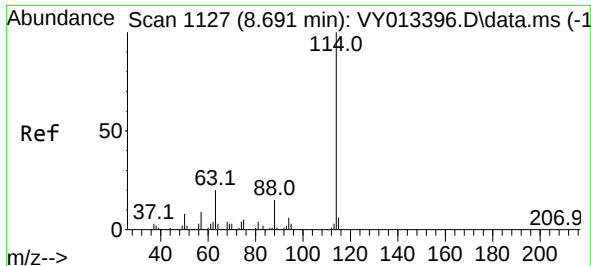
Tgt Ion:168 Resp: 181799
Ion Ratio Lower Upper
168 100
99 52.9 41.8 62.6



#33
1,2-Dichloroethane-d4
Concen: 62.013 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY013718.D
Acq: 11 May 2023 16:11

Tgt Ion: 65 Resp: 123586
Ion Ratio Lower Upper
65 100
67 51.0 0.0 103.4

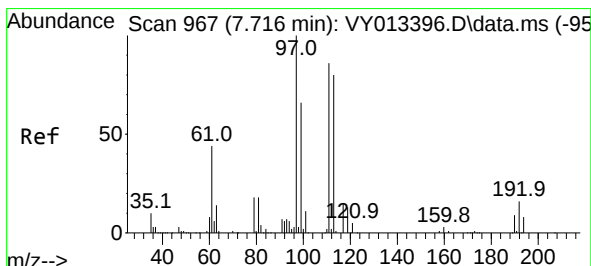
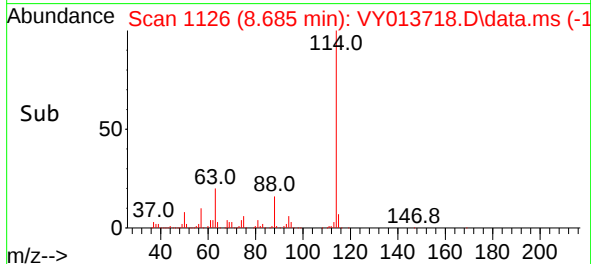
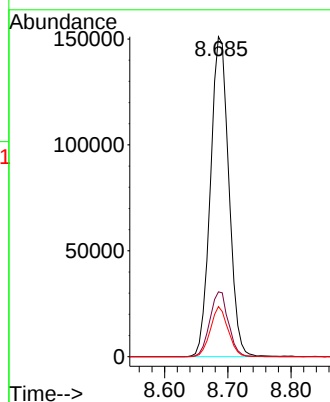
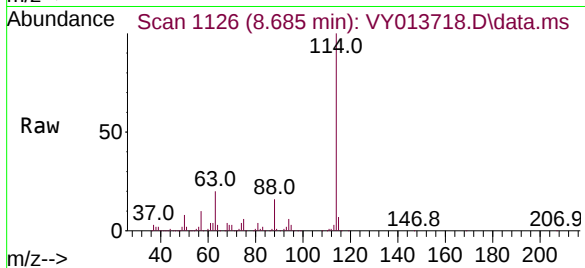




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY013718.D
Acq: 11 May 2023 16:11

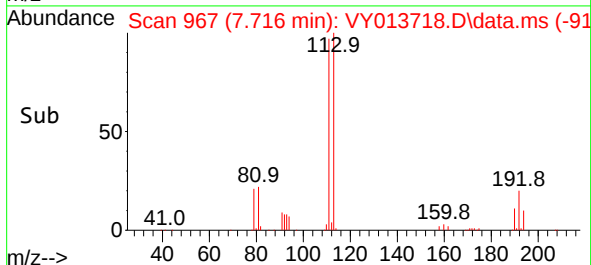
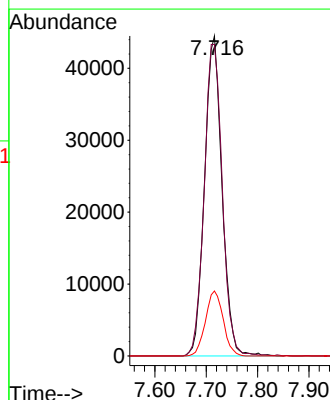
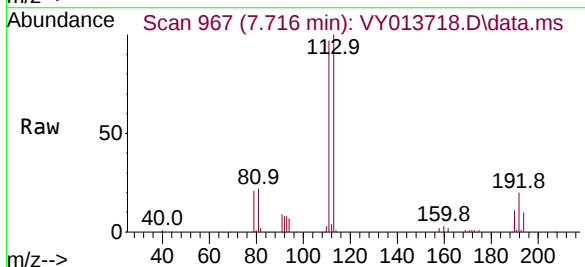
Instrument :
MSVOA_Y
ClientSampleId :
TOPSOIL-OU3-GRILLO-1

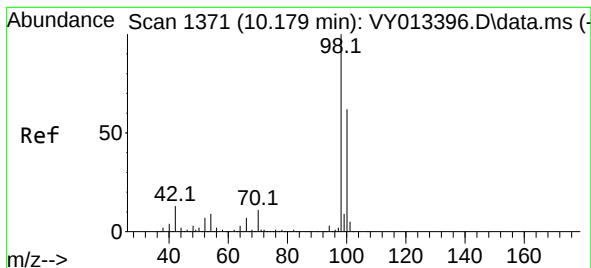
Tgt Ion:114 Resp: 304447
Ion Ratio Lower Upper
114 100
63 20.2 0.0 36.6
88 15.6 0.0 28.8



#35
Dibromofluoromethane
Concen: 54.866 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY013718.D
Acq: 11 May 2023 16:11

Tgt Ion:113 Resp: 105059
Ion Ratio Lower Upper
113 100
111 100.9 82.2 123.2
192 20.6 16.7 25.1





#50

Toluene-d8

Concen: 55.004 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013718.D

Acq: 11 May 2023 16:11

Instrument :

MSVOA_Y

ClientSampleId :

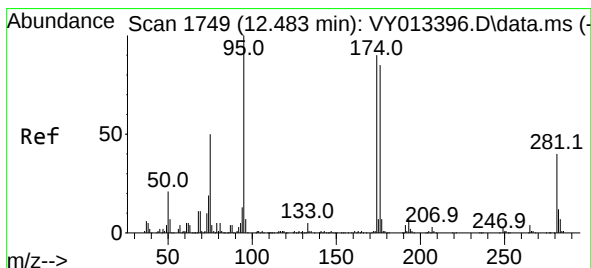
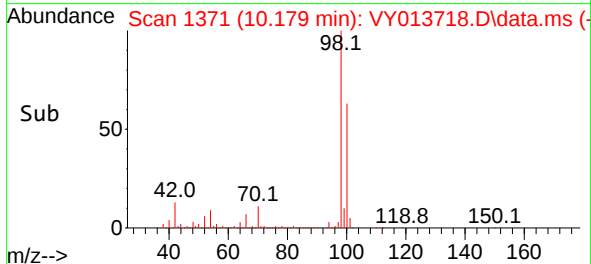
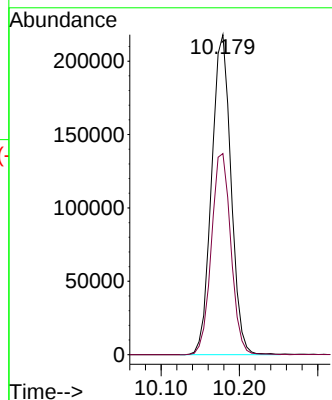
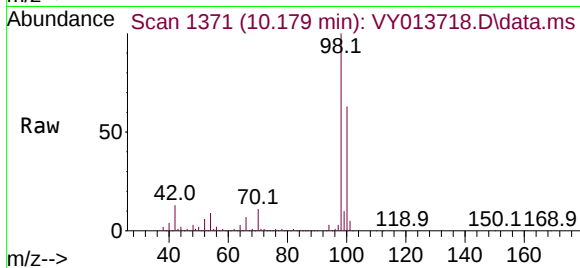
TOPSOIL-OU3-GRILLO-1

Tgt Ion: 98 Resp: 374682

Ion Ratio Lower Upper

98 100

100 63.3 50.5 75.7



#62

4-Bromofluorobenzene

Concen: 51.184 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY013718.D

Acq: 11 May 2023 16:11

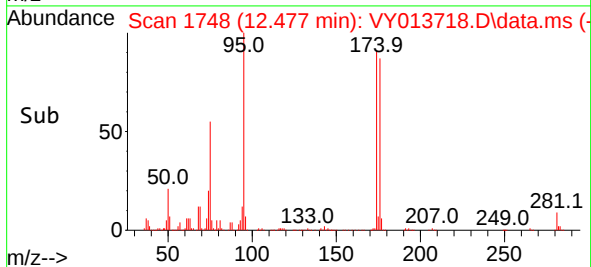
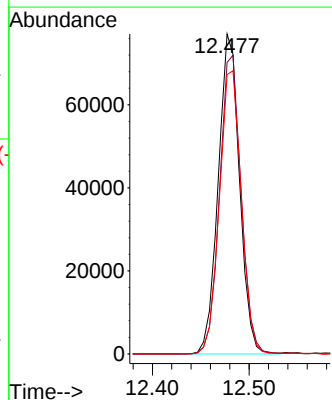
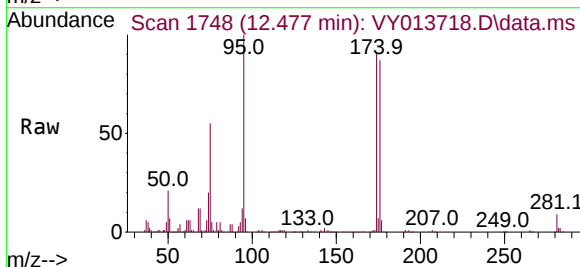
Tgt Ion: 95 Resp: 117541

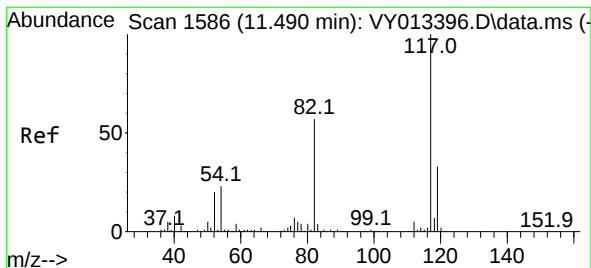
Ion Ratio Lower Upper

95 100

174 94.3 0.0 182.0

176 91.5 0.0 175.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY013718.D

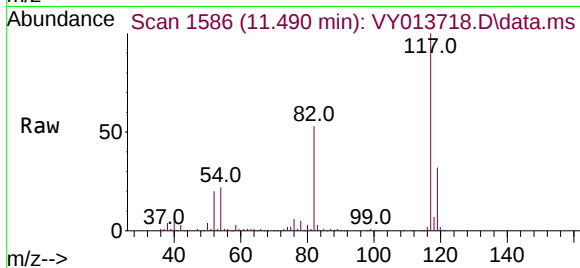
Acq: 11 May 2023 16:11

Instrument :

MSVOA_Y

ClientSampleId :

TOPSOIL-OU3-GRILLO-1



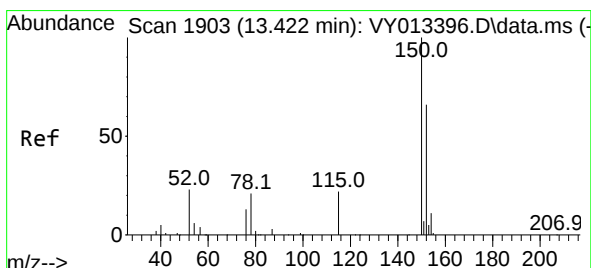
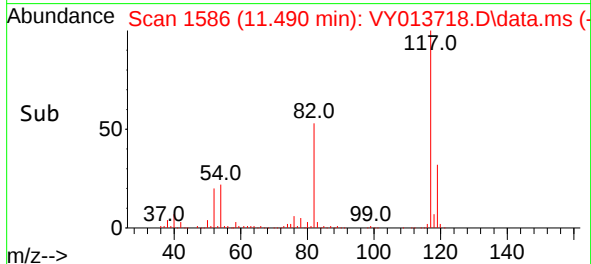
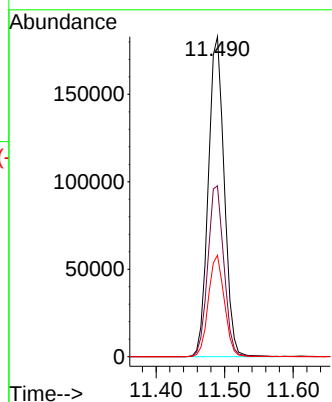
Tgt Ion:117 Resp: 296227

Ion Ratio Lower Upper

117 100

82 53.4 43.0 64.6

119 31.7 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY013718.D

Acq: 11 May 2023 16:11

Tgt Ion:152 Resp: 132974

Ion Ratio Lower Upper

152 100

115 56.9 28.1 84.2

150 155.8 0.0 352.0

