

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101822\
 Data File : VY010994.D
 Acq On : 18 Oct 2022 14:33
 Operator : KP/MD
 Sample : N5133-01
 Misc : 4.97g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HAS-SOIL-1013

Quant Time: Oct 18 17:24:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	326414	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	561521	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	490335	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	212861	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	153346	51.001	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.000%
35) Dibromofluoromethane	7.716	113	159023	50.841	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.680%
50) Toluene-d8	10.179	98	551587	47.045	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.100%
62) 4-Bromofluorobenzene	12.483	95	183278	43.745	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	87.500%

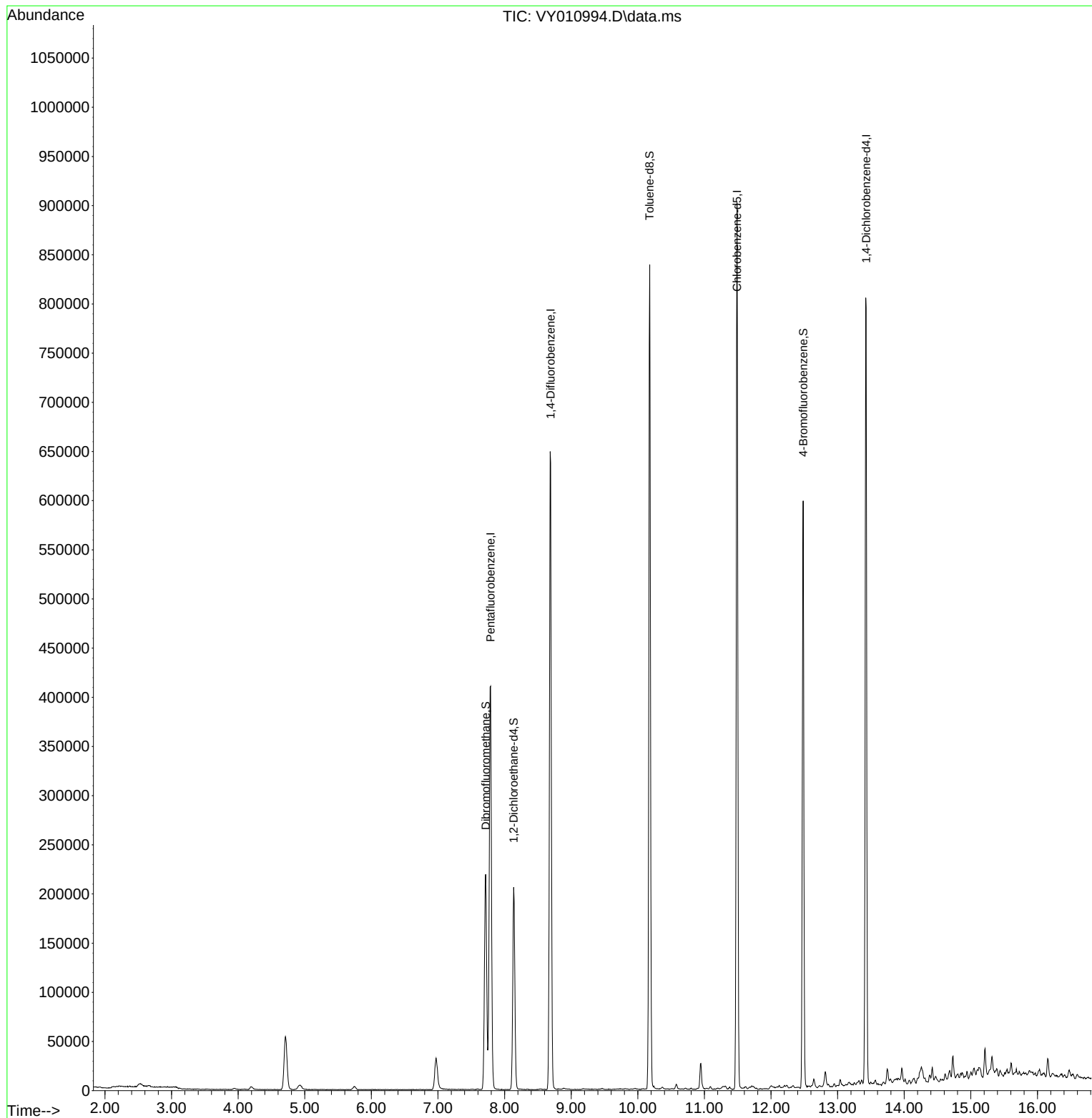
Target Compounds	Qvalue

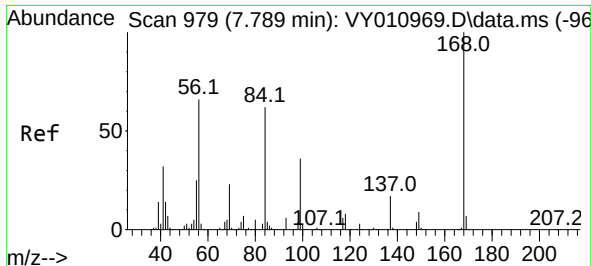
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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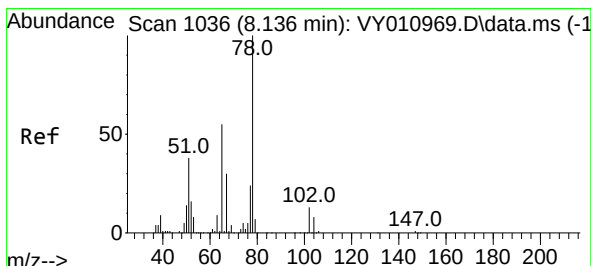
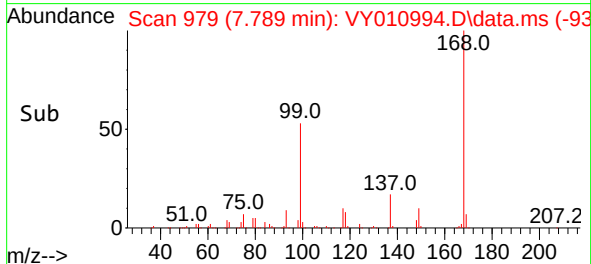
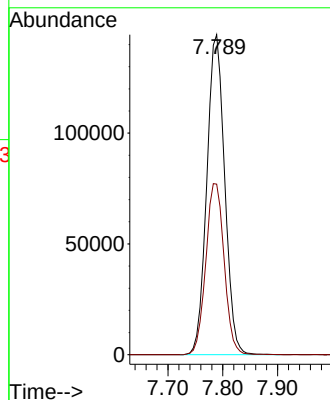
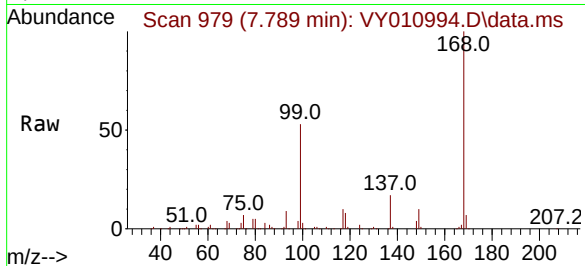




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010994.D
Acq: 18 Oct 2022 14:33

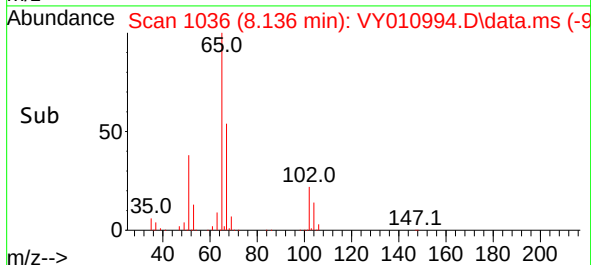
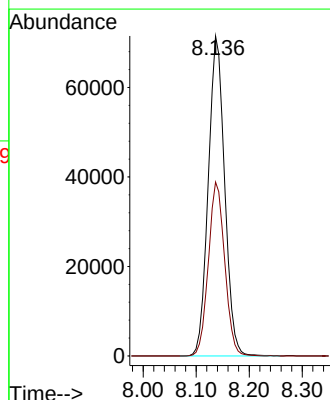
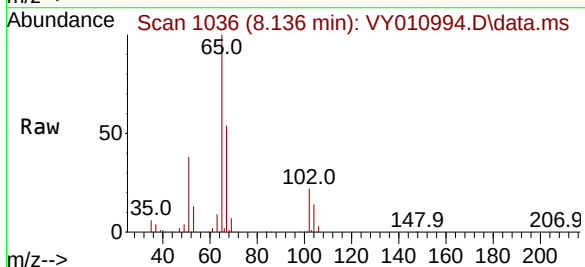
Instrument :
MSVOA_Y
ClientSampleId :
HAS-SOIL-1013

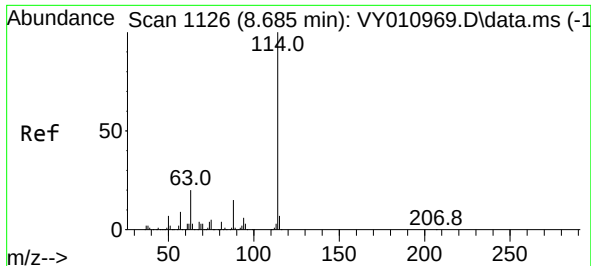
Tgt Ion:168 Resp: 326414
Ion Ratio Lower Upper
168 100
99 53.3 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 51.001 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010994.D
Acq: 18 Oct 2022 14:33

Tgt Ion: 65 Resp: 153346
Ion Ratio Lower Upper
65 100
67 54.2 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY010994.D

Acq: 18 Oct 2022 14:33

Instrument :

MSVOA_Y

ClientSampleId :

HAS-SOIL-1013

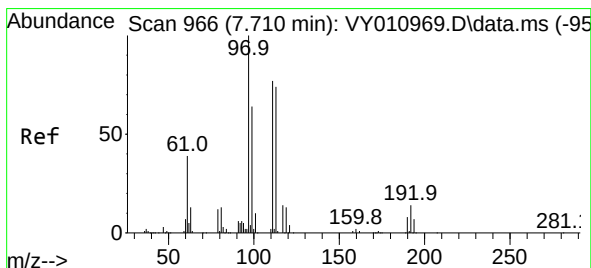
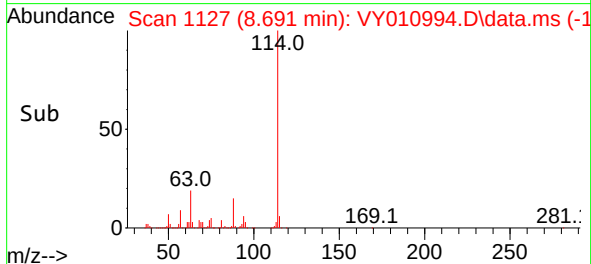
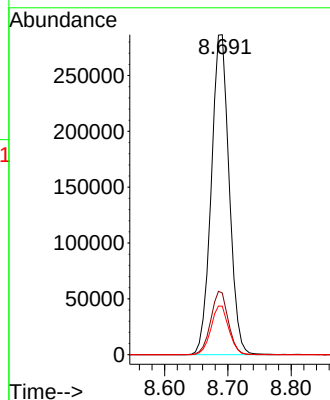
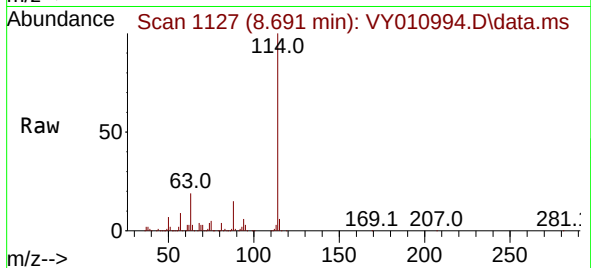
Tgt Ion:114 Resp: 561521

Ion Ratio Lower Upper

114 100

63 19.3 0.0 43.2

88 15.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 50.841 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY010994.D

Acq: 18 Oct 2022 14:33

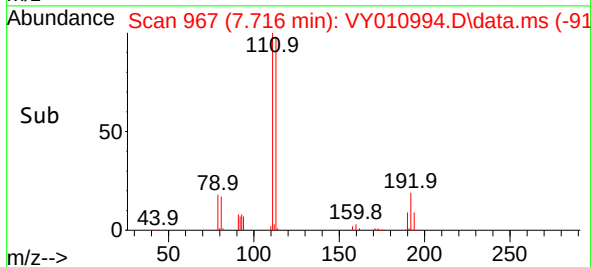
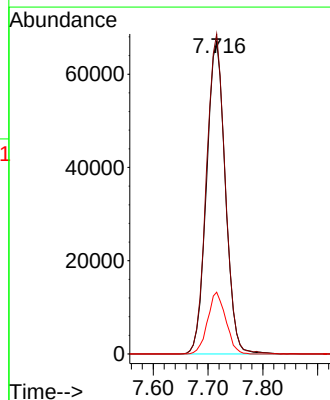
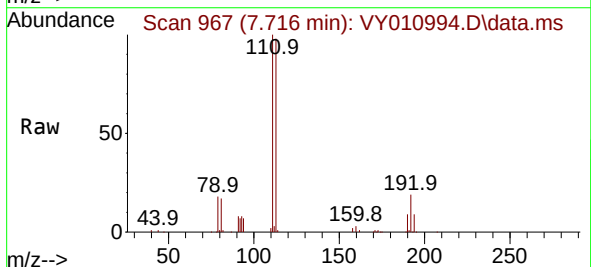
Tgt Ion:113 Resp: 159023

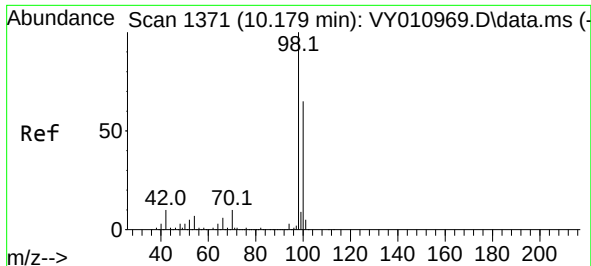
Ion Ratio Lower Upper

113 100

111 102.2 82.6 124.0

192 19.1 17.6 26.4

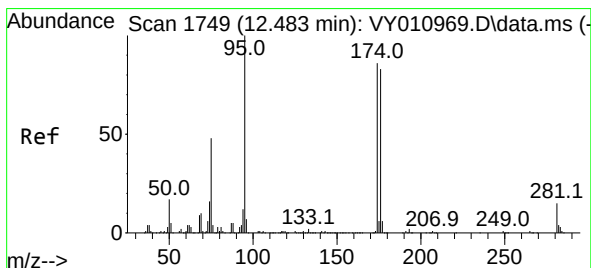
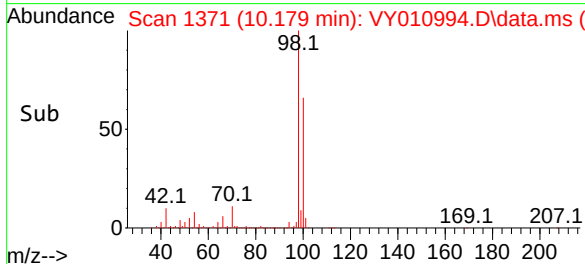
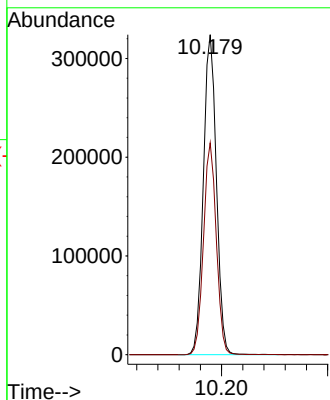
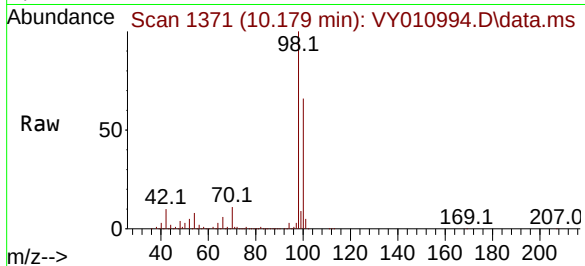




#50
Toluene-d8
Concen: 47.045 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010994.D
Acq: 18 Oct 2022 14:33

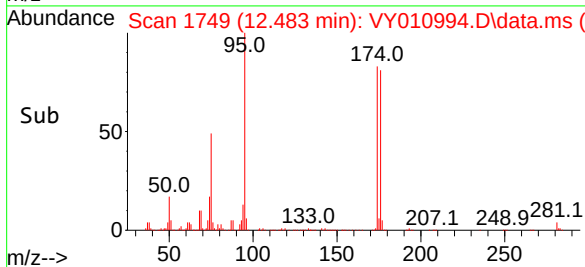
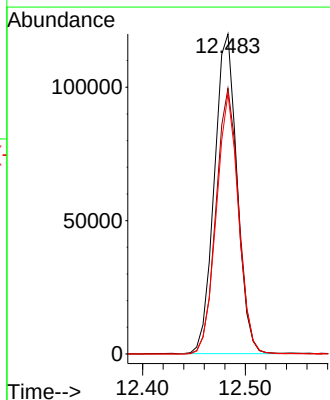
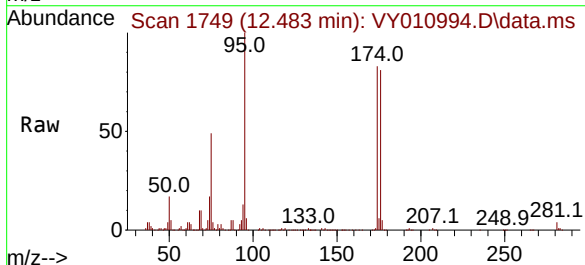
Instrument :
MSVOA_Y
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HAS-SOIL-1013

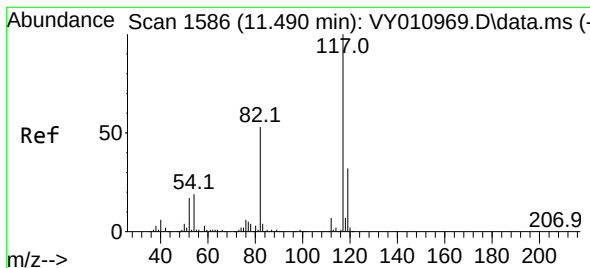
Tgt Ion: 98 Resp: 551587
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 43.745 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY010994.D
Acq: 18 Oct 2022 14:33

Tgt Ion: 95 Resp: 183278
Ion Ratio Lower Upper
95 100
174 83.1 0.0 177.0
176 79.7 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY010994.D

Acq: 18 Oct 2022 14:33

Instrument :

MSVOA_Y

ClientSampleId :

HAS-SOIL-1013

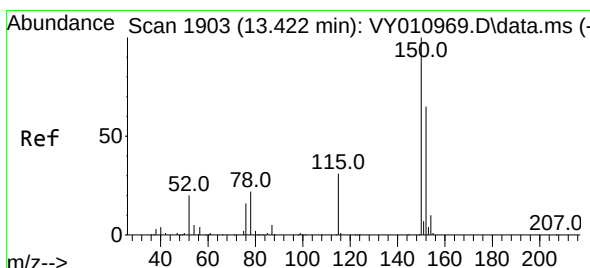
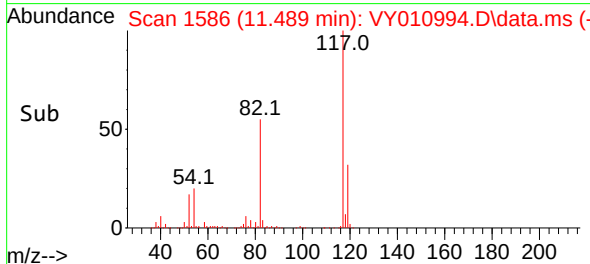
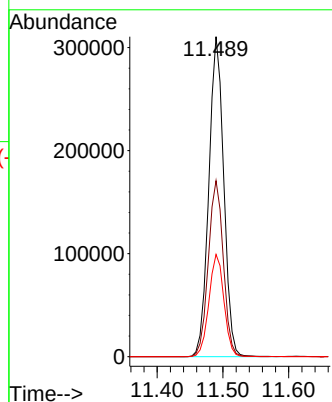
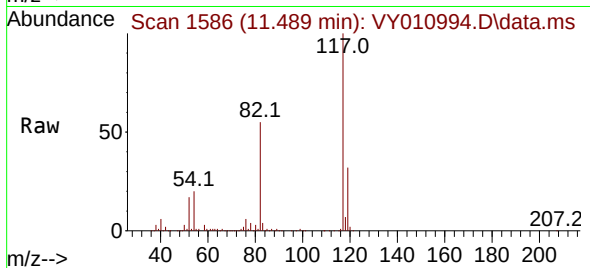
Tgt Ion:117 Resp: 490335

Ion Ratio Lower Upper

117 100

82 55.0 43.0 64.4

119 32.0 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY010994.D

Acq: 18 Oct 2022 14:33

Tgt Ion:152 Resp: 212861

Ion Ratio Lower Upper

152 100

115 58.3 28.2 84.7

150 158.7 0.0 347.6

