

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092123\
 Data File : VY015677.D
 Acq On : 21 Sep 2023 17:57
 Operator : SY/MD
 Sample : 04567-11
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SE-SOIL-6

Quant Time: Sep 22 01:22:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

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

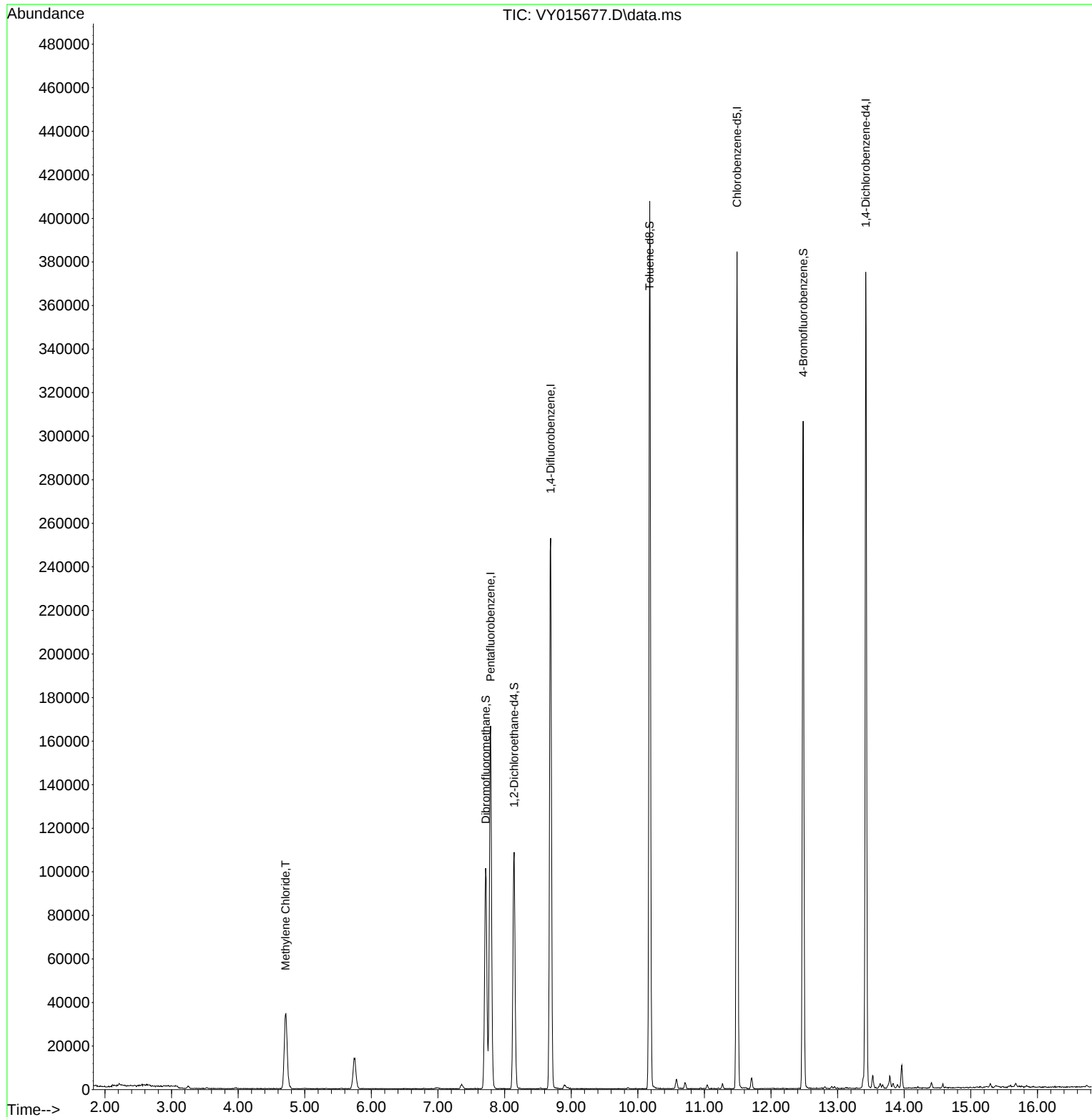
Internal Standards						
1) Pentafluorobenzene	7.789	168	128879	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	222239	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	203898	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	94061	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	85804	60.509	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.020%	
35) Dibromofluoromethane	7.716	113	71639	53.857	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.720%	
50) Toluene-d8	10.179	98	261910	58.071	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 116.140%	
62) 4-Bromofluorobenzene	12.483	95	88152	49.805	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.620%	
Target Compounds						
20) Methylene Chloride	4.710	84	26195	12.092	ug/l	Qvalue 93

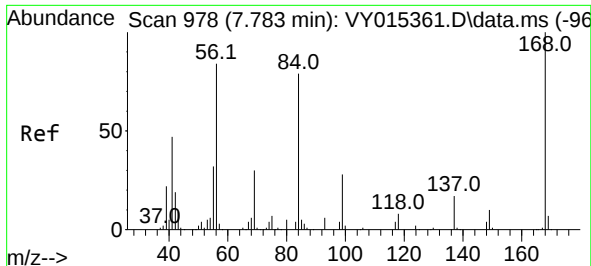
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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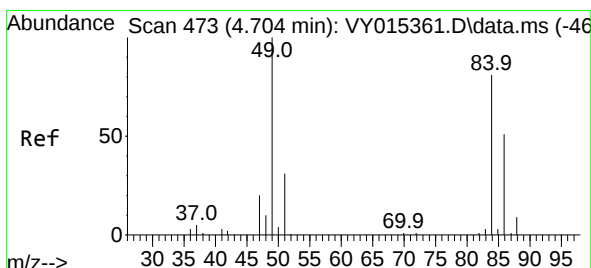
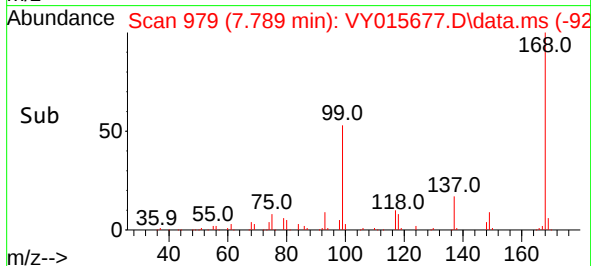
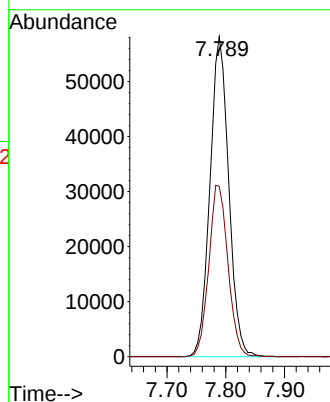
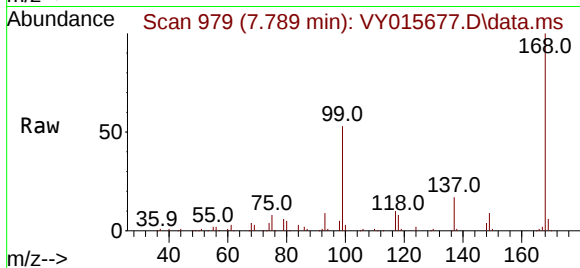




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015677.D
Acq: 21 Sep 2023 17:57

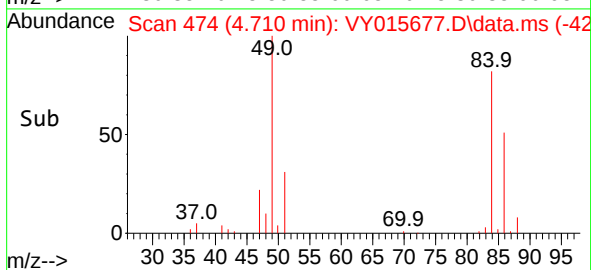
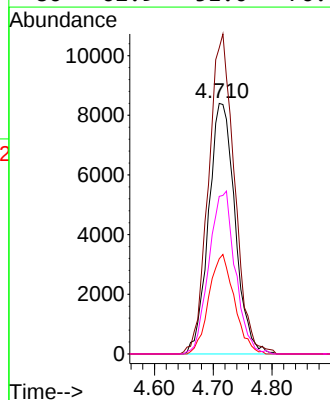
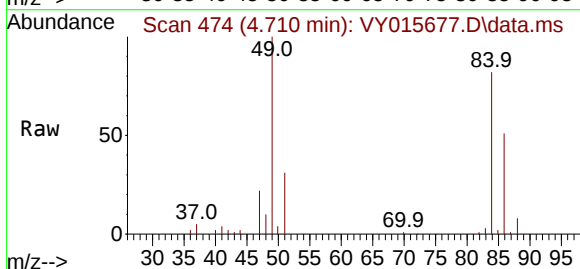
Instrument :
MSVOA_Y
ClientSampleId :
SE-SOIL-6

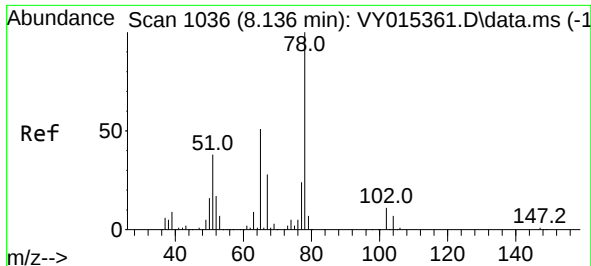
Tgt Ion:168 Resp: 128879
Ion Ratio Lower Upper
168 100
99 53.3 43.4 65.0



#20
Methylene Chloride
Concen: 12.092 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY015677.D
Acq: 21 Sep 2023 17:57

Tgt Ion: 84 Resp: 26195
Ion Ratio Lower Upper
84 100
49 122.2 106.9 160.3
51 38.0 33.2 49.8
86 62.9 51.0 76.6

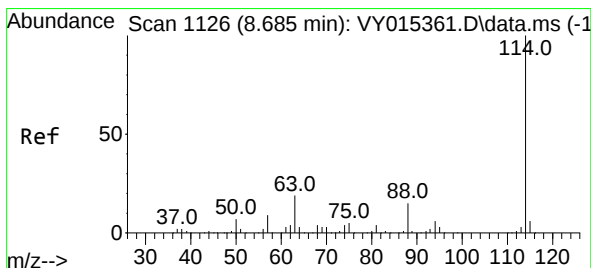
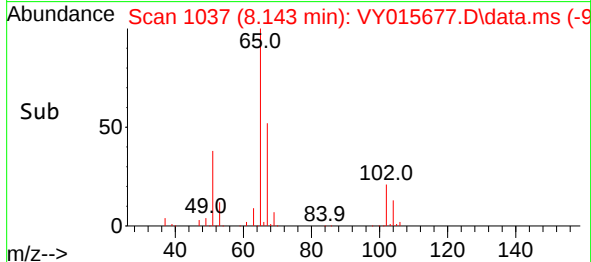
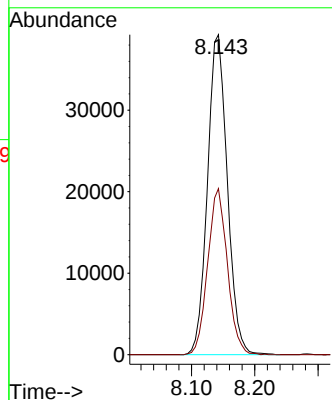
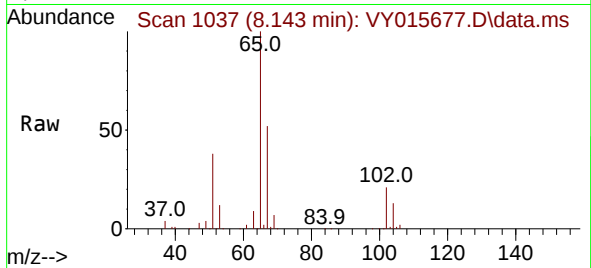




#33
 1,2-Dichloroethane-d4
 Concen: 60.509 ug/l
 RT: 8.143 min Scan# 110
 Delta R.T. 0.007 min
 Lab File: VY015677.D
 Acq: 21 Sep 2023 17:57

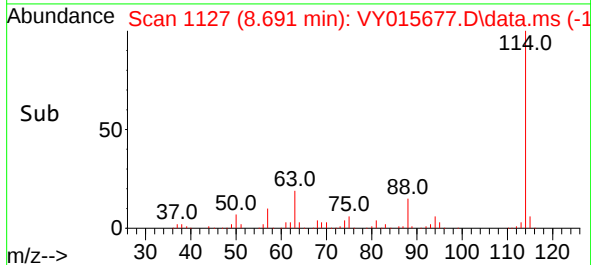
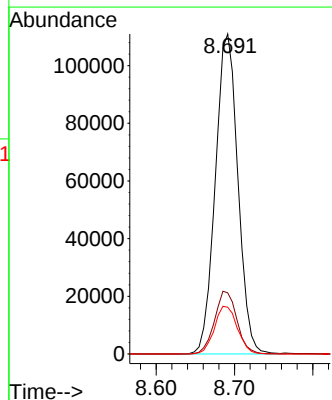
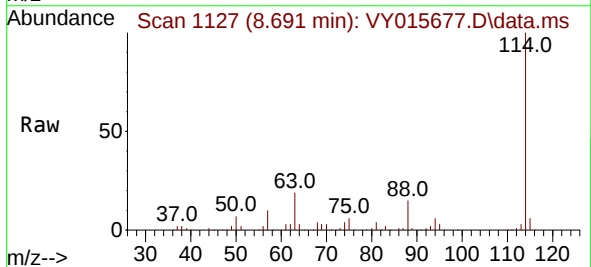
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 SE-SOIL-6

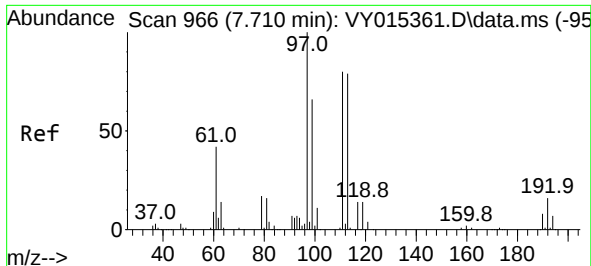
Tgt Ion: 65 Resp: 85804
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.006 min
 Lab File: VY015677.D
 Acq: 21 Sep 2023 17:57

Tgt Ion: 114 Resp: 222239
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 42.4
 88 14.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 53.857 ug/l

RT: 7.716 min Scan# 9

Delta R.T. -0.000 min

Lab File: VY015677.D

Acq: 21 Sep 2023 17:57

Instrument :

MSVOA_Y

ClientSampleId :

SE-SOIL-6

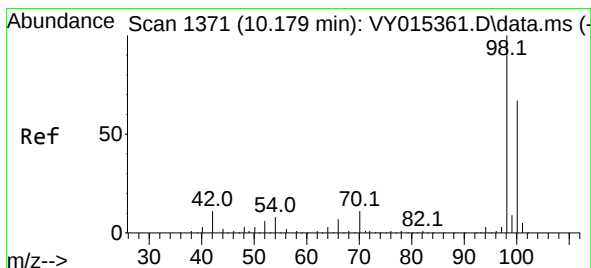
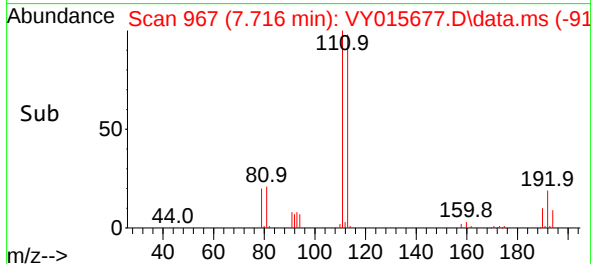
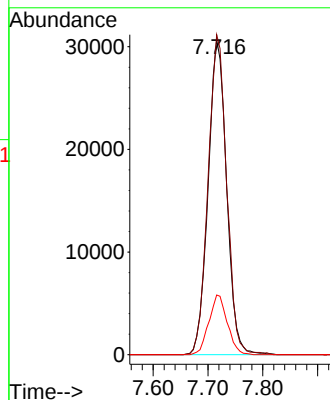
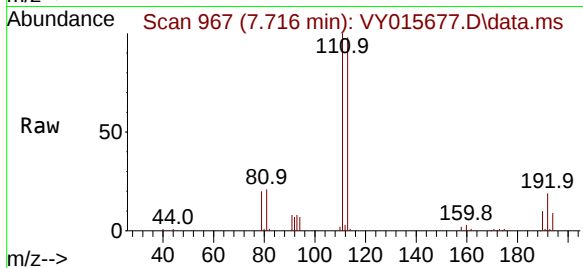
Tgt Ion:113 Resp: 71639

Ion Ratio Lower Upper

113 100

111 102.1 81.3 121.9

192 18.9 16.9 25.3



#50

Toluene-d8

Concen: 58.071 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY015677.D

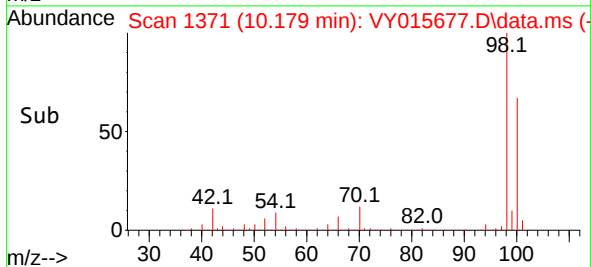
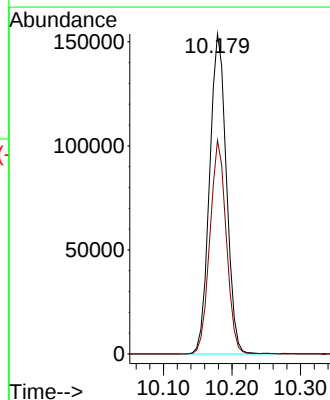
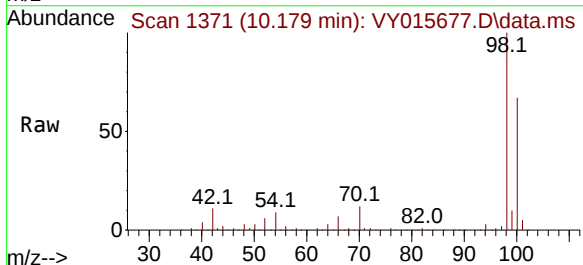
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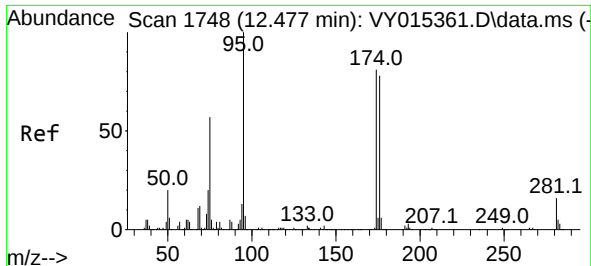
Tgt Ion: 98 Resp: 261910

Ion Ratio Lower Upper

98 100

100 65.0 50.1 75.1

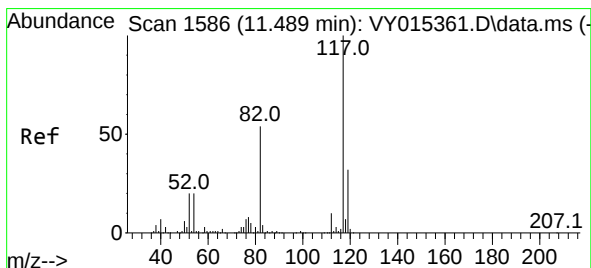
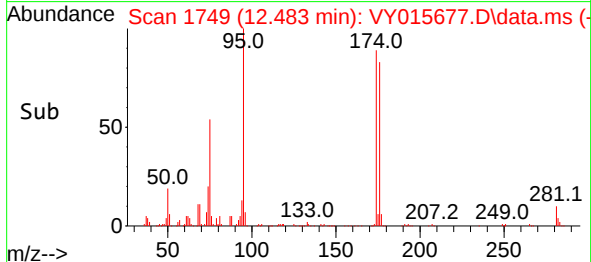
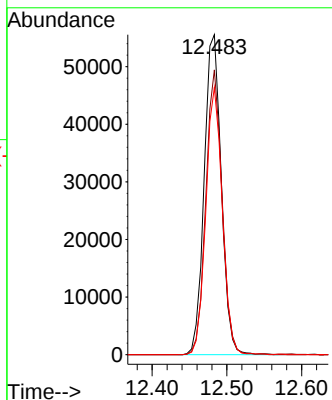
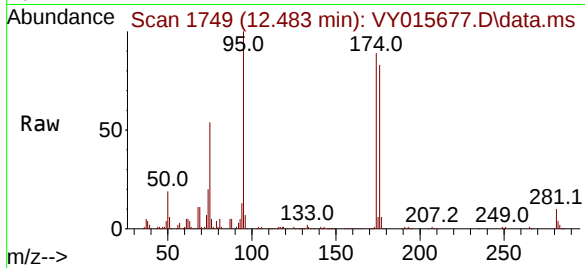




#62
4-Bromofluorobenzene
Concen: 49.805 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015677.D
Acq: 21 Sep 2023 17:57

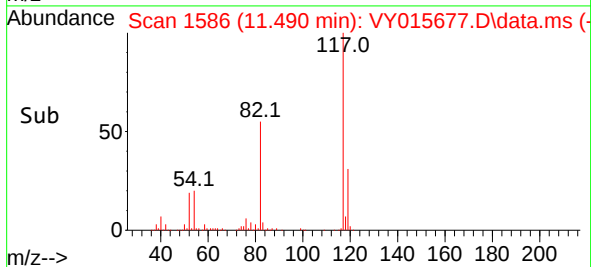
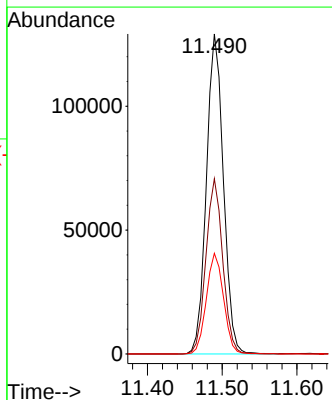
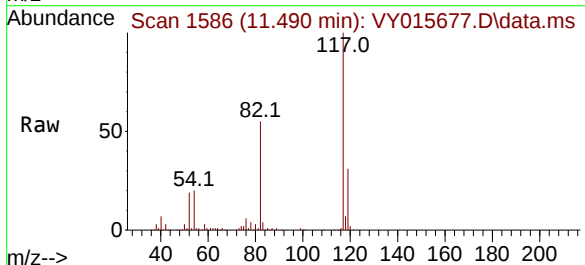
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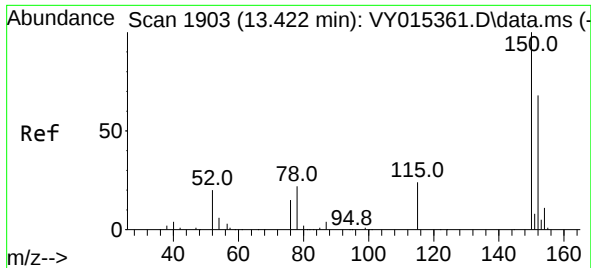
Tgt Ion: 95 Resp: 88152
Ion Ratio Lower Upper
95 100
174 85.2 0.0 178.2
176 80.8 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015677.D
Acq: 21 Sep 2023 17:57

Tgt Ion: 117 Resp: 203898
Ion Ratio Lower Upper
117 100
82 54.7 43.4 65.0
119 31.4 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY015677.D

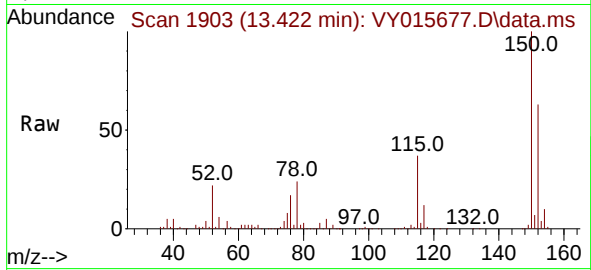
Acq: 21 Sep 2023 17:57

Instrument :

MSVOA_Y

ClientSampleId :

SE-SOIL-6



Tgt Ion:152 Resp: 94061

Ion Ratio Lower Upper

152 100

115 58.7 28.8 86.5

150 158.5 0.0 348.8

