

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092123\
 Data File : VY015676.D
 Acq On : 21 Sep 2023 17:33
 Operator : SY/MD
 Sample : 04567-09
 Misc : 6.58g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SE-SOIL-5

Quant Time: Sep 22 01:22:13 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)

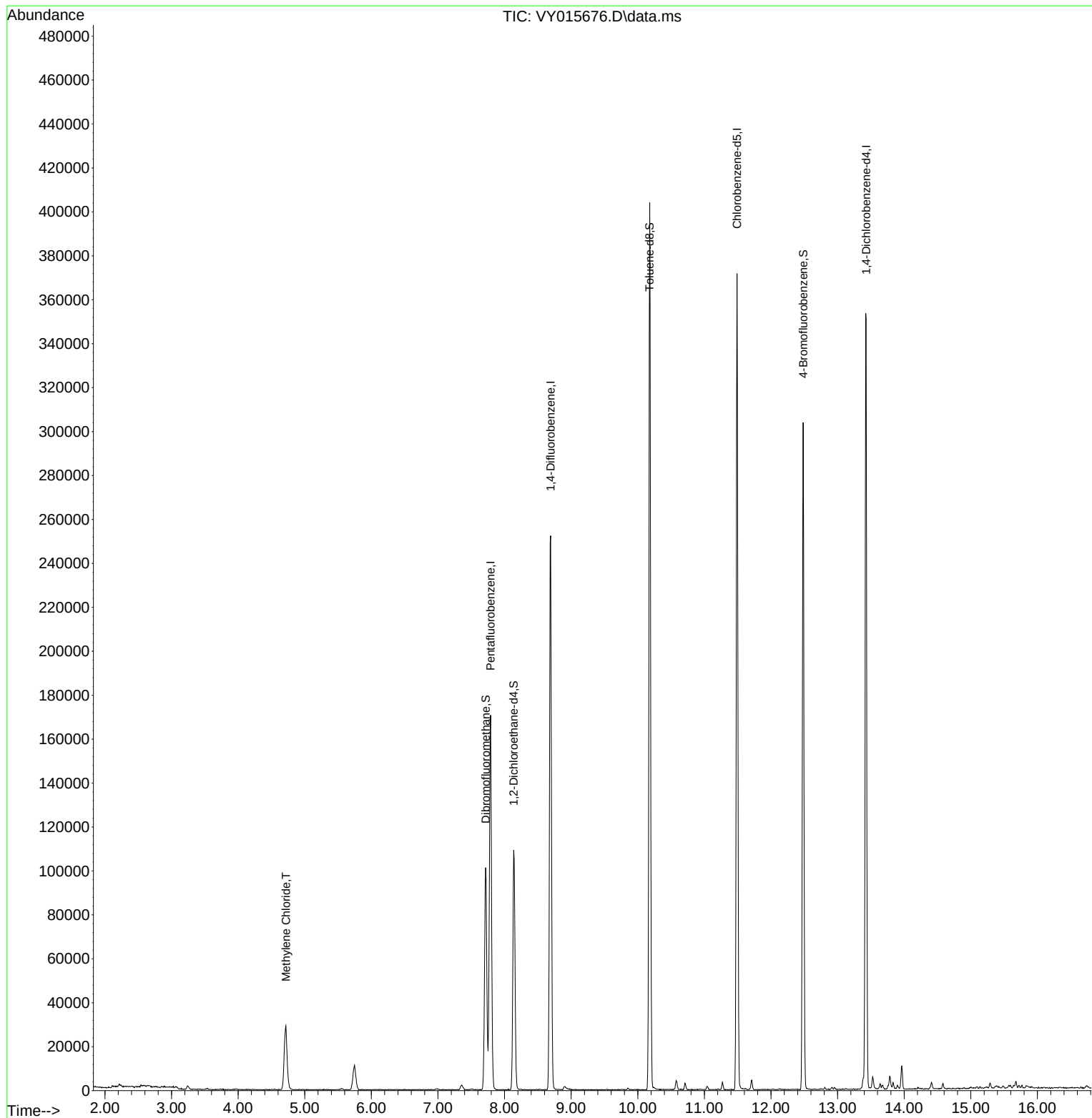
Internal Standards						
1) Pentafluorobenzene	7.789	168	130543	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	220298	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	199435	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	92459	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	85848	59.769	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.540%	
35) Dibromofluoromethane	7.716	113	71544	54.259	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.520%	
50) Toluene-d8	10.179	98	262594	58.736	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 117.480%	
62) 4-Bromofluorobenzene	12.483	95	86053	49.048	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 98.100%	
Target Compounds						
20) Methylene Chloride	4.716	84	21581	8.835	ug/l	Qvalue 86

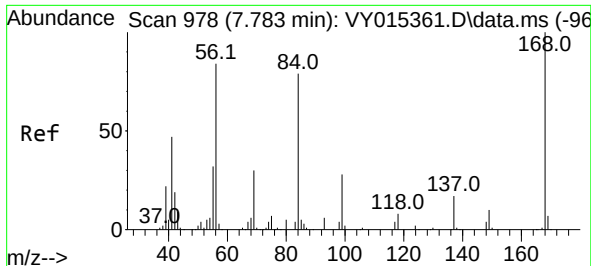
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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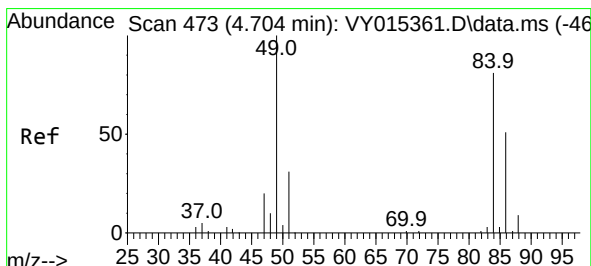
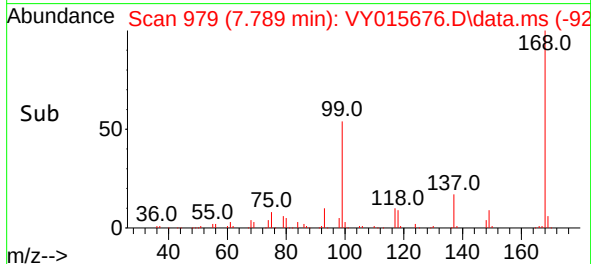
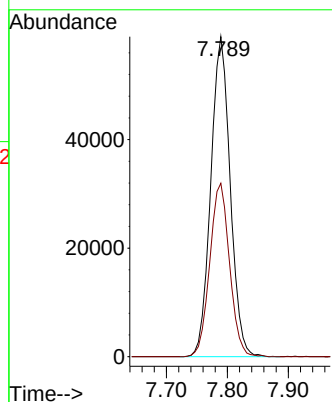
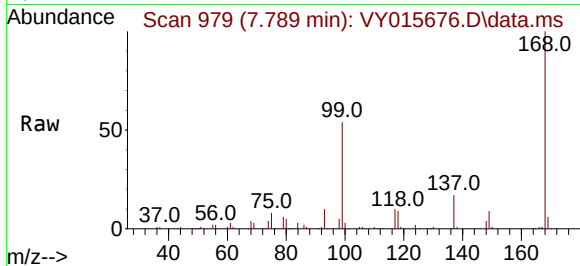




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015676.D
Acq: 21 Sep 2023 17:33

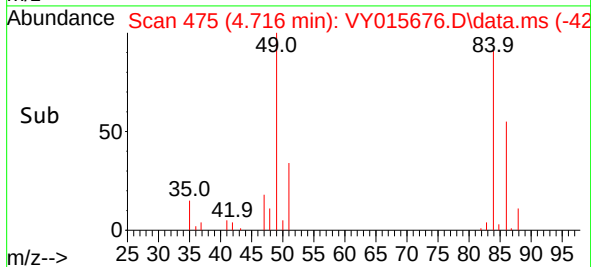
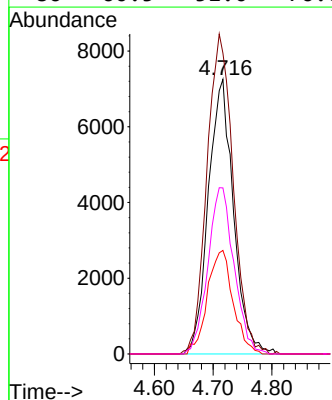
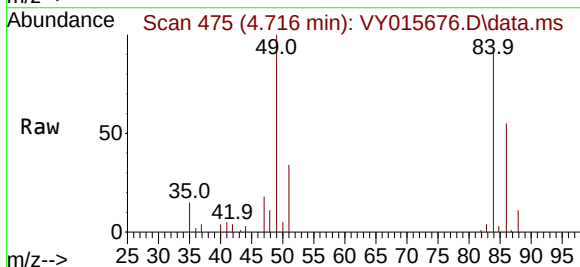
Instrument :
MSVOA_Y
ClientSampleId :
SE-SOIL-5

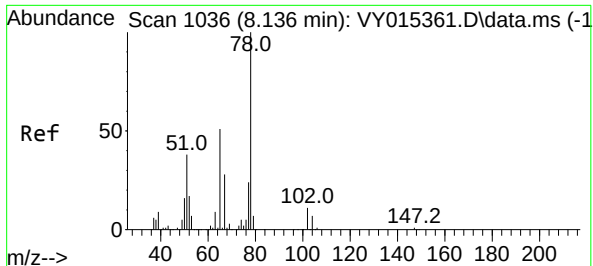
Tgt Ion:168 Resp: 130543
Ion Ratio Lower Upper
168 100
99 54.2 43.4 65.0



#20
Methylene Chloride
Concen: 8.835 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.012 min
Lab File: VY015676.D
Acq: 21 Sep 2023 17:33

Tgt Ion: 84 Resp: 21581
Ion Ratio Lower Upper
84 100
49 109.6 106.9 160.3
51 37.7 33.2 49.8
86 60.5 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 59.769 ug/l

RT: 8.137 min Scan# 110

Delta R.T. 0.001 min

Lab File: VY015676.D

Acq: 21 Sep 2023 17:33

Instrument :

MSVOA_Y

ClientSampleId :

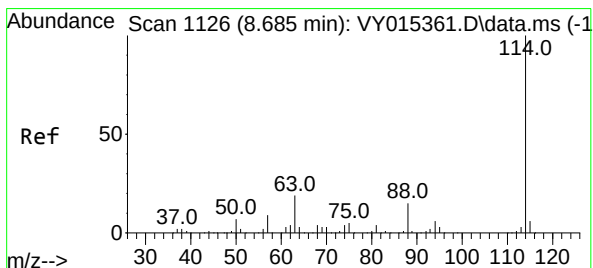
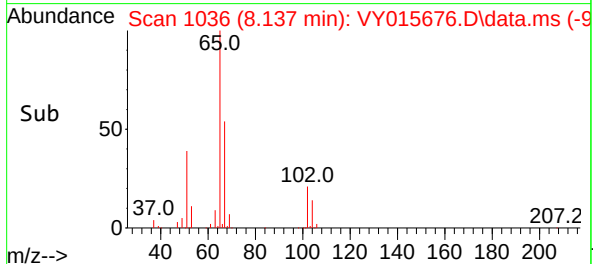
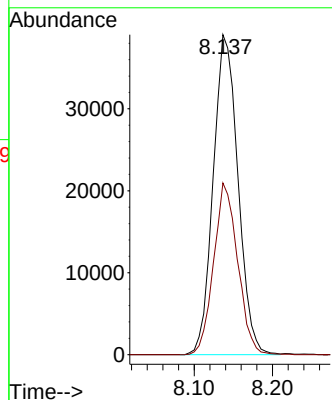
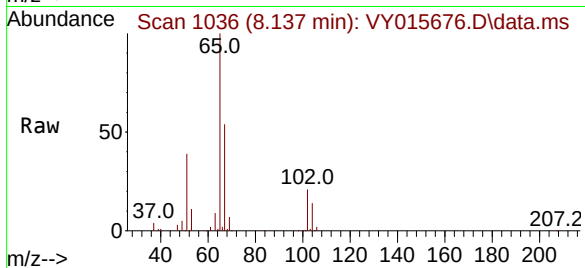
SE-SOIL-5

Tgt Ion: 65 Resp: 85848

Ion Ratio Lower Upper

65 100

67 52.0 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: VY015676.D

Acq: 21 Sep 2023 17:33

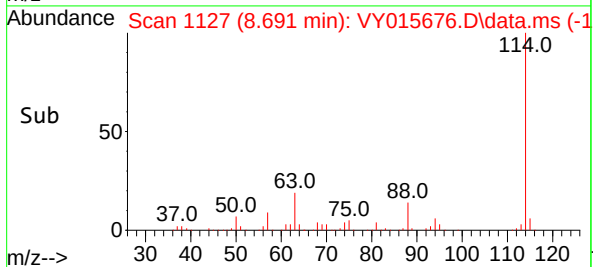
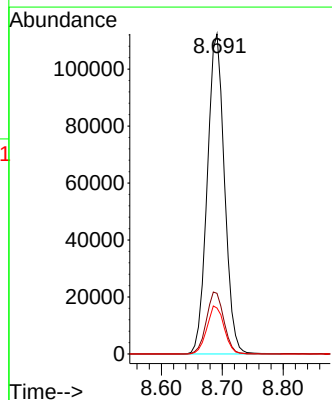
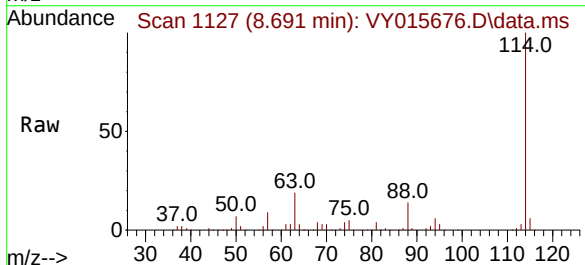
Tgt Ion: 114 Resp: 220298

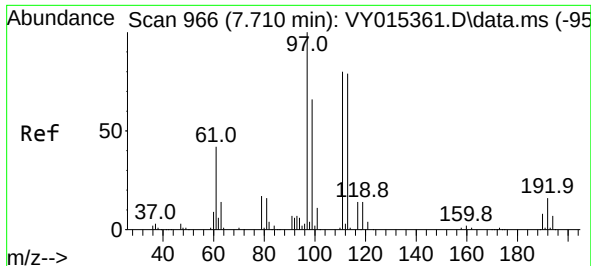
Ion Ratio Lower Upper

114 100

63 18.9 0.0 42.4

88 14.4 0.0 30.6

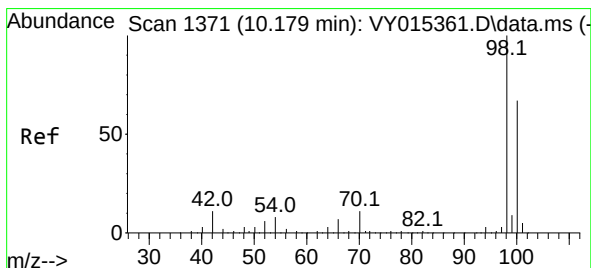
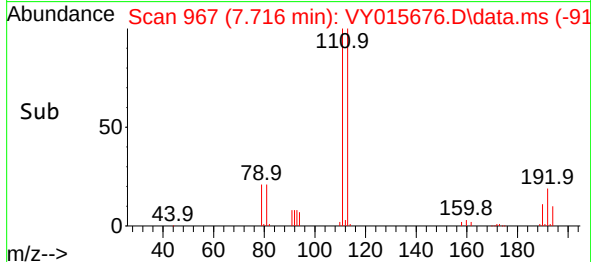
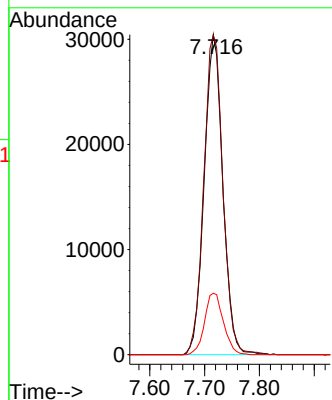
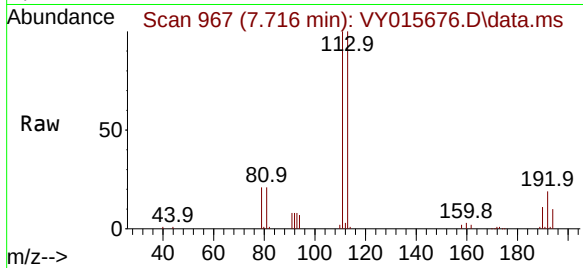




#35
Dibromofluoromethane
Concen: 54.259 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015676.D
Acq: 21 Sep 2023 17:33

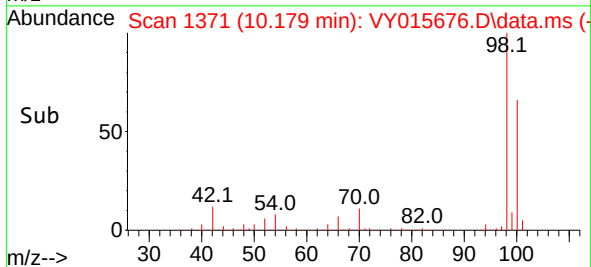
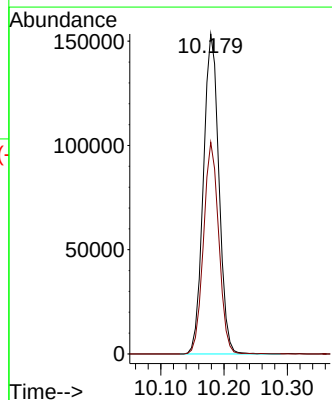
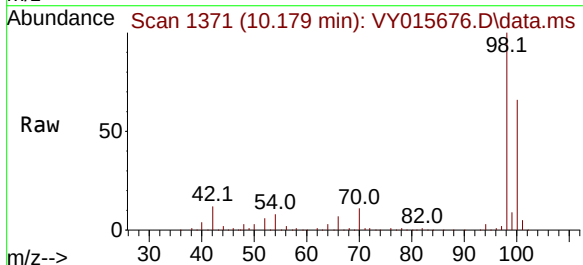
Instrument :
MSVOA_Y
ClientSampleId :
SE-SOIL-5

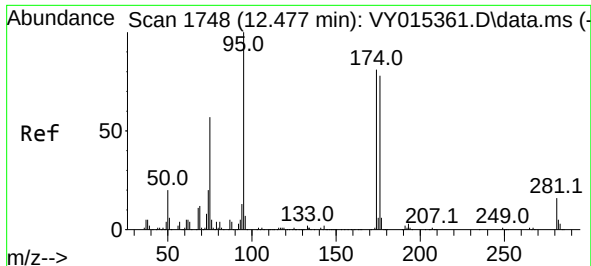
Tgt Ion:113 Resp: 71544
Ion Ratio Lower Upper
113 100
111 102.7 81.3 121.9
192 19.5 16.9 25.3



#50
Toluene-d8
Concen: 58.736 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015676.D
Acq: 21 Sep 2023 17:33

Tgt Ion: 98 Resp: 262594
Ion Ratio Lower Upper
98 100
100 64.9 50.1 75.1

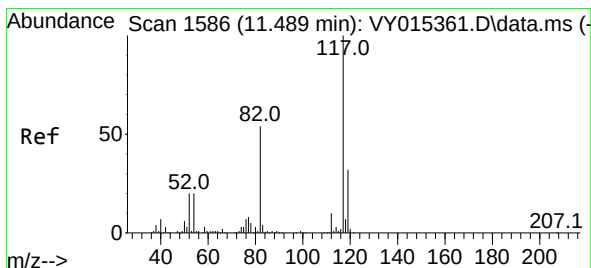
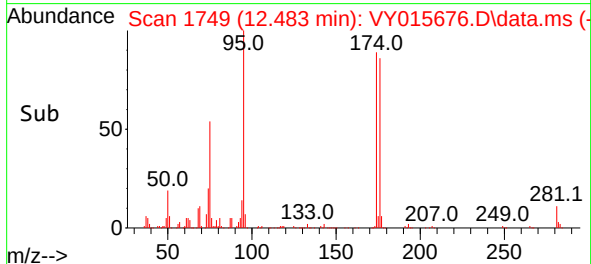
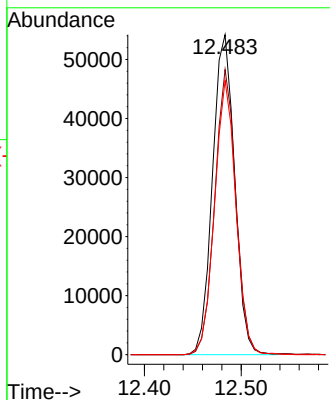
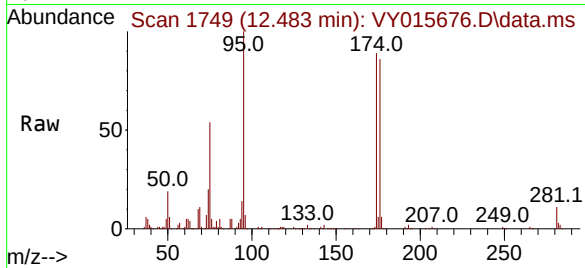




#62
4-Bromofluorobenzene
Concen: 49.048 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015676.D
Acq: 21 Sep 2023 17:33

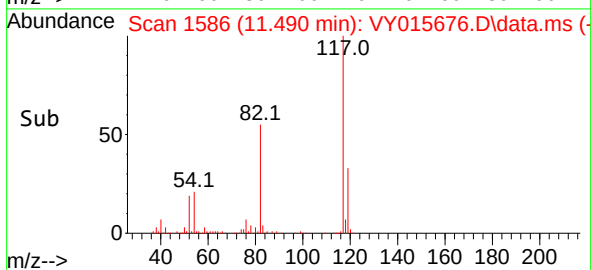
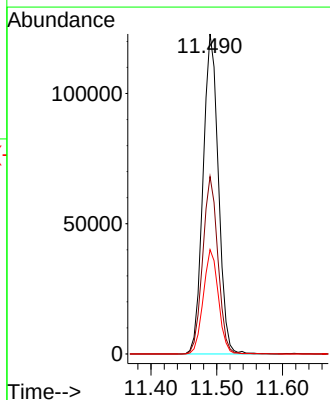
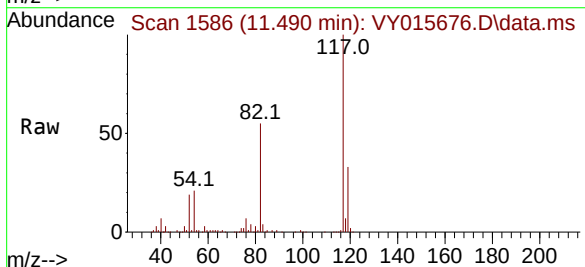
Instrument :
MSVOA_Y
ClientSampleId :
SE-SOIL-5

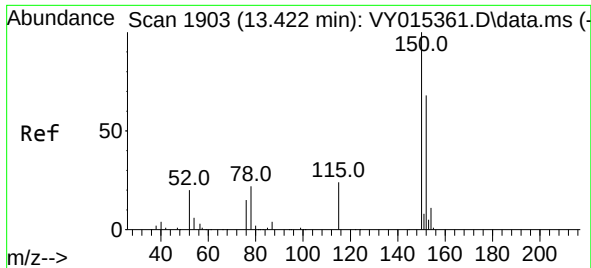
Tgt Ion: 95 Resp: 86053
Ion Ratio Lower Upper
95 100
174 85.6 0.0 178.2
176 82.7 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY015676.D
Acq: 21 Sep 2023 17:33

Tgt Ion: 117 Resp: 199435
Ion Ratio Lower Upper
117 100
82 55.5 43.4 65.0
119 32.6 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY015676.D

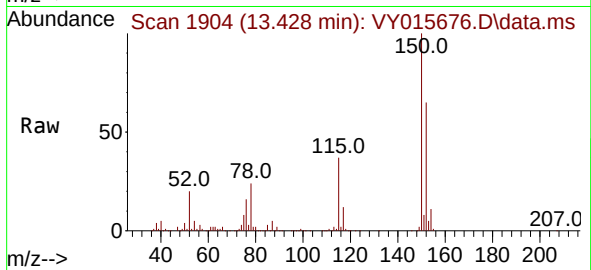
Acq: 21 Sep 2023 17:33

Instrument :

MSVOA_Y

ClientSampleId :

SE-SOIL-5



Tgt Ion:152 Resp: 92459

Ion Ratio Lower Upper

152 100

115 58.0 28.8 86.5

150 157.5 0.0 348.8

