

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092123\
 Data File : VY015672.D
 Acq On : 21 Sep 2023 15:59
 Operator : SY/MD
 Sample : 04567-01
 Misc : 5.59g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SE-SOIL-1

Quant Time: Sep 22 01:20:36 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)

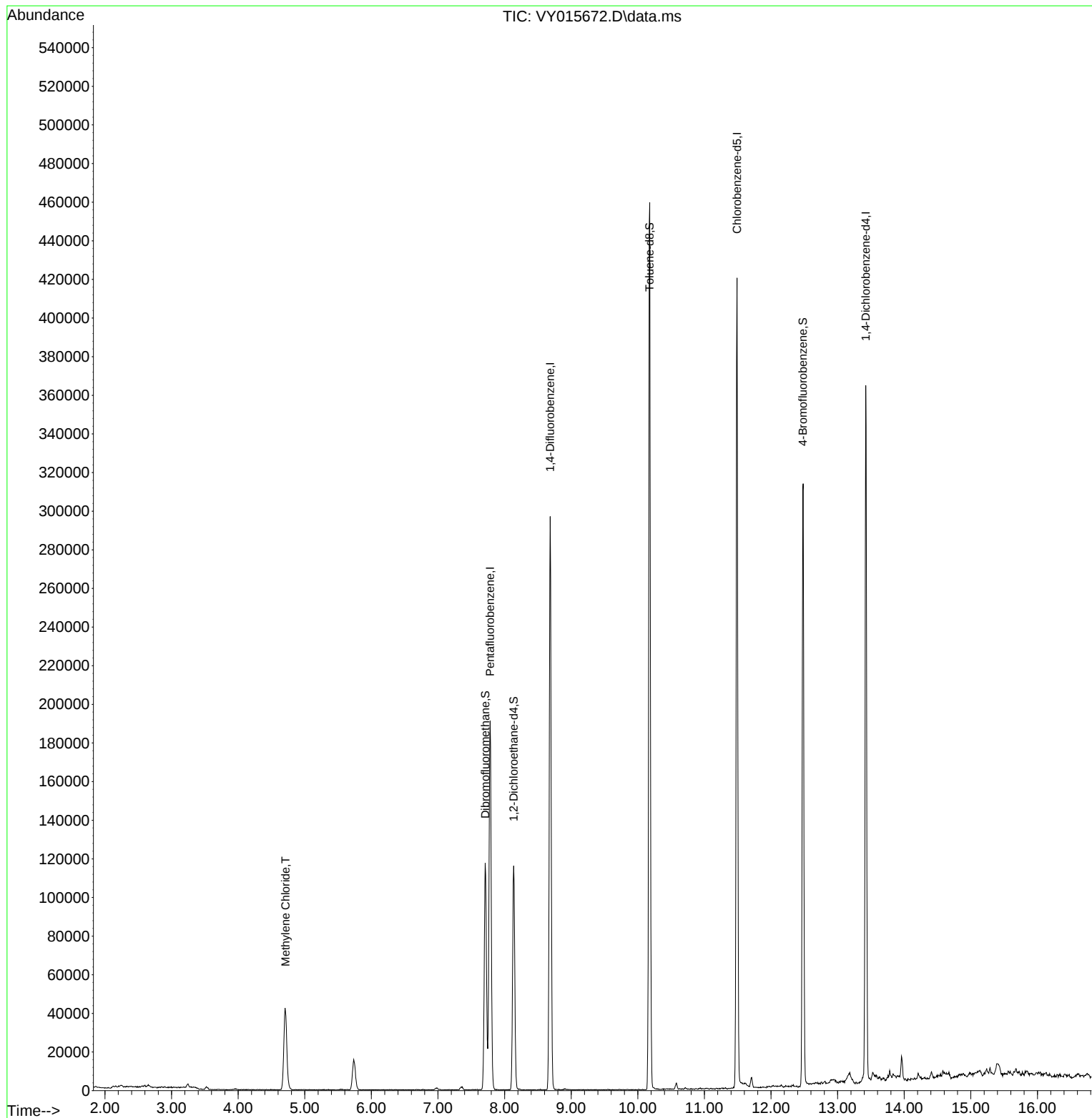
Internal Standards						
1) Pentafluorobenzene	7.783	168	152052	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	254955	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	224573	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	93735	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	92395	55.227	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.460%
35) Dibromofluoromethane	7.710	113	82971	54.372	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.740%
50) Toluene-d8	10.179	98	300971	58.169	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	116.340%
62) 4-Bromofluorobenzene	12.477	95	94422	46.502	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.000%
Target Compounds						
20) Methylene Chloride	4.710	84	32711	13.112	ug/l	Qvalue 91

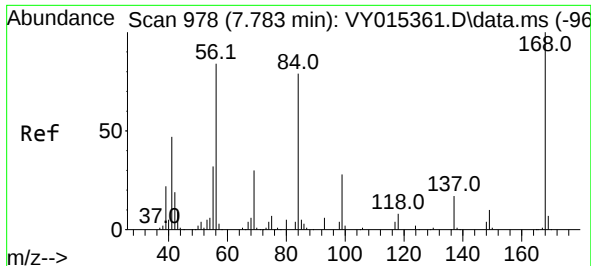
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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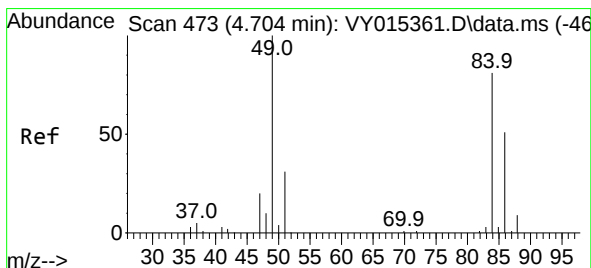
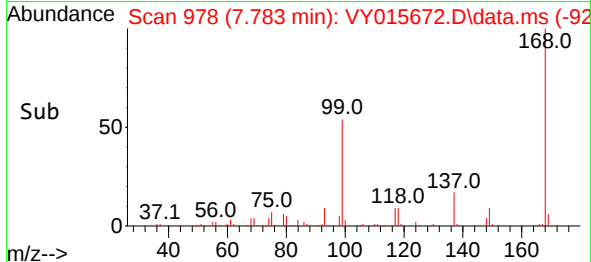
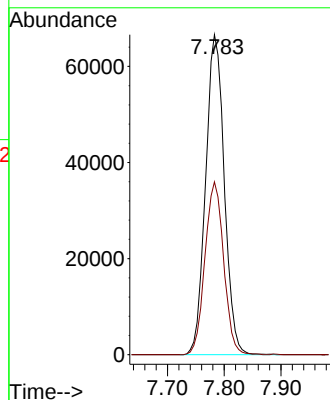
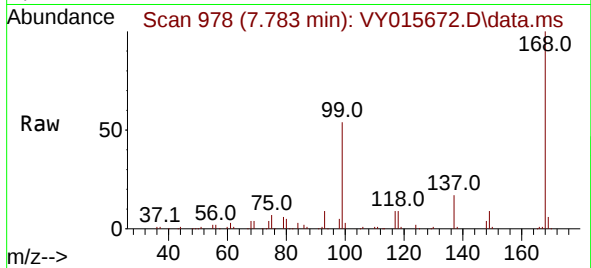




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015672.D
Acq: 21 Sep 2023 15:59

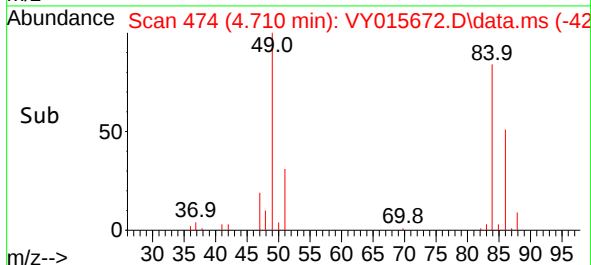
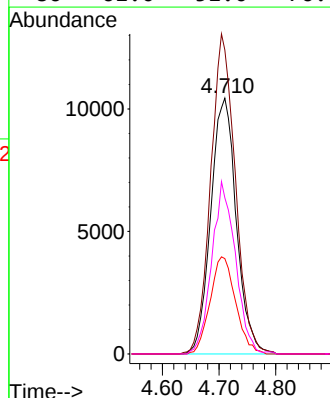
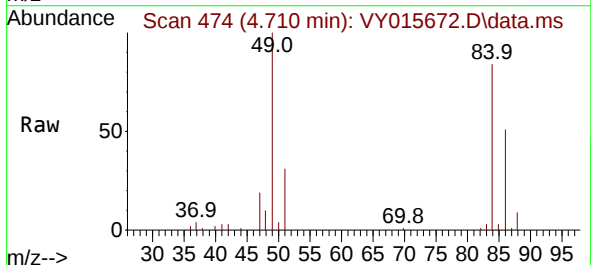
Instrument :
MSVOA_Y
ClientSampleId :
SE-SOIL-1

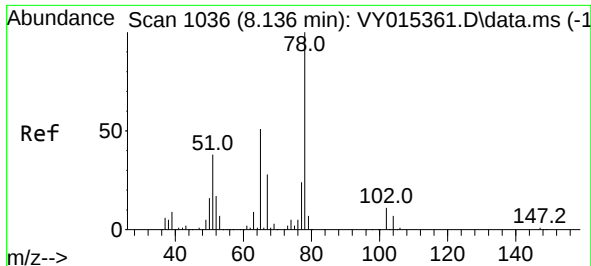
Tgt Ion:168 Resp: 152052
Ion Ratio Lower Upper
168 100
99 54.0 43.4 65.0



#20
Methylene Chloride
Concen: 13.112 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY015672.D
Acq: 21 Sep 2023 15:59

Tgt Ion: 84 Resp: 32711
Ion Ratio Lower Upper
84 100
49 118.8 106.9 160.3
51 37.3 33.2 49.8
86 61.0 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 55.227 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY015672.D

Acq: 21 Sep 2023 15:59

Instrument :

MSVOA_Y

ClientSampleId :

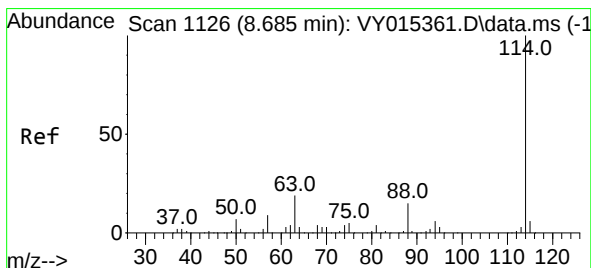
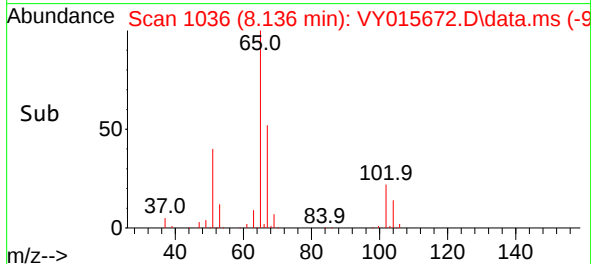
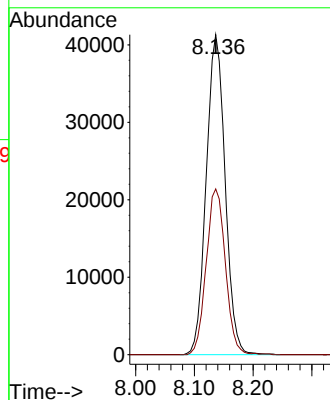
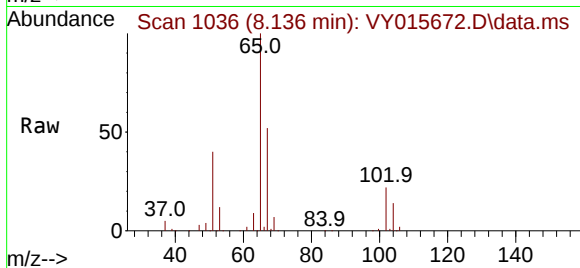
SE-SOIL-1

Tgt Ion: 65 Resp: 92395

Ion Ratio Lower Upper

65 100

67 52.5 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY015672.D

Acq: 21 Sep 2023 15:59

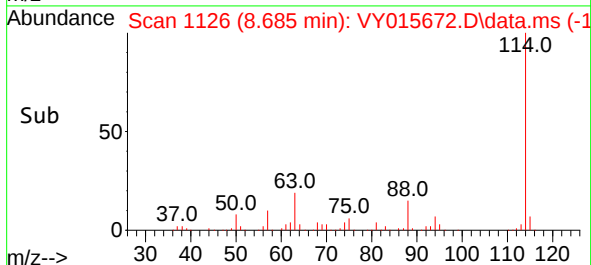
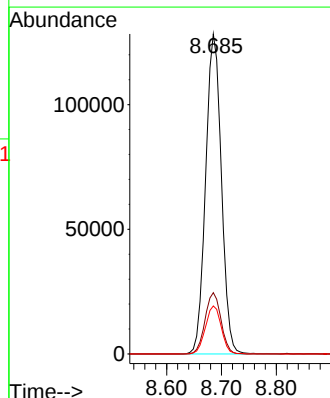
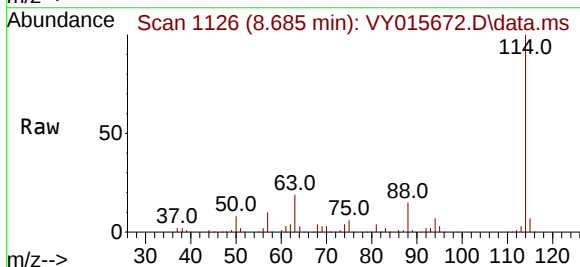
Tgt Ion: 114 Resp: 254955

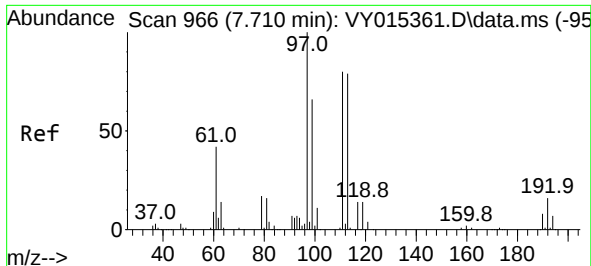
Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.4

88 15.0 0.0 30.6

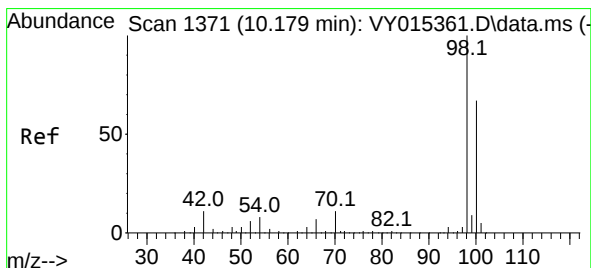
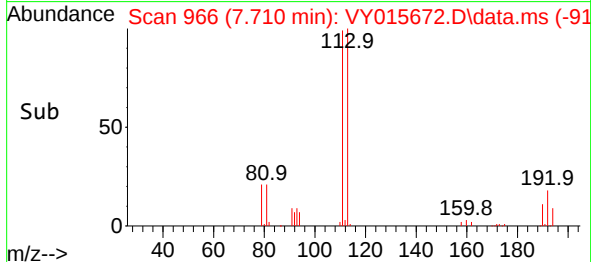
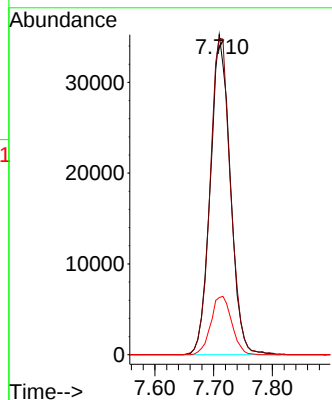
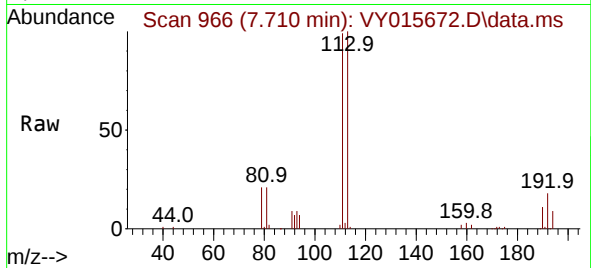




#35
Dibromofluoromethane
Concen: 54.372 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015672.D
Acq: 21 Sep 2023 15:59

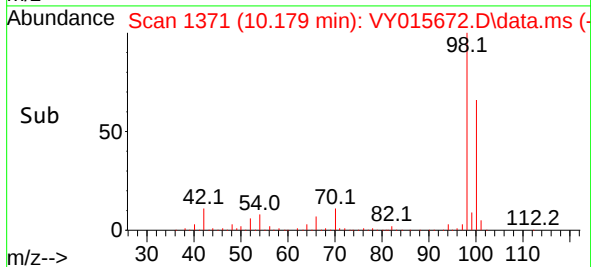
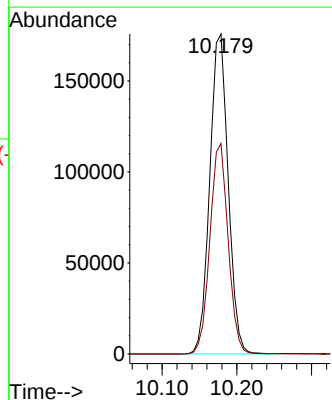
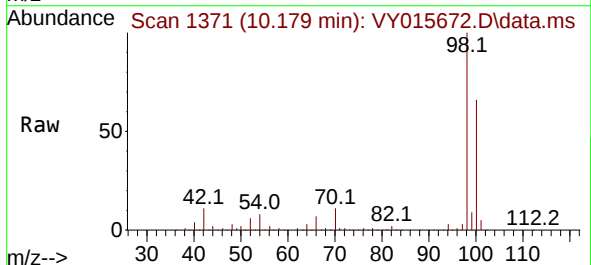
Instrument :
MSVOA_Y
ClientSampleId :
SE-SOIL-1

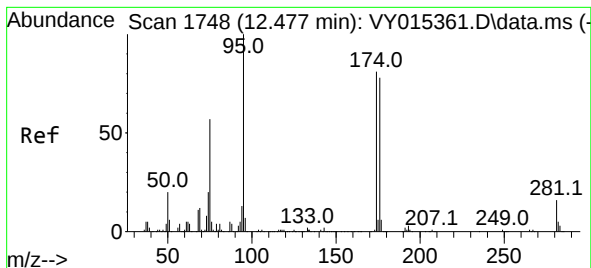
Tgt Ion:113 Resp: 82971
Ion Ratio Lower Upper
113 100
111 101.5 81.3 121.9
192 19.1 16.9 25.3



#50
Toluene-d8
Concen: 58.169 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015672.D
Acq: 21 Sep 2023 15:59

Tgt Ion: 98 Resp: 300971
Ion Ratio Lower Upper
98 100
100 65.1 50.1 75.1

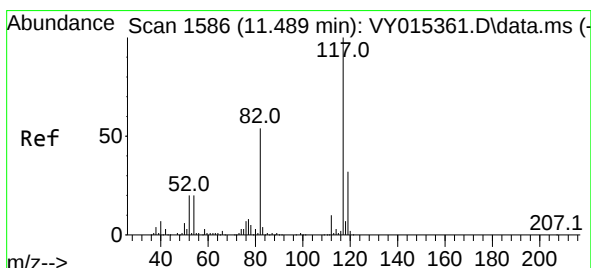
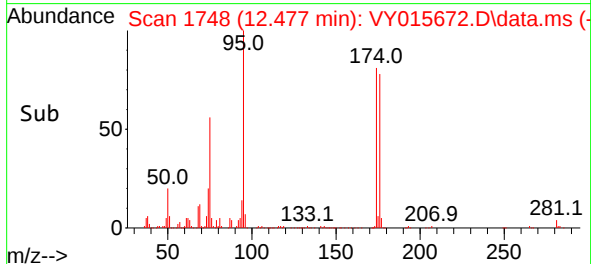
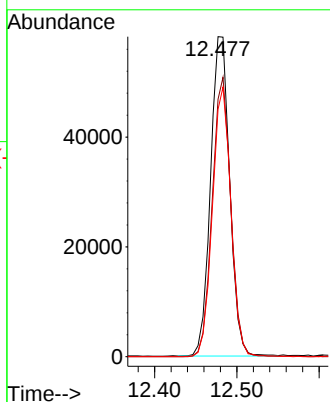
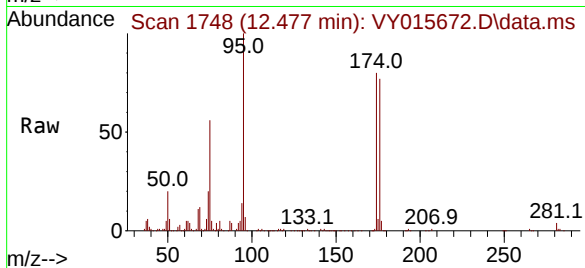




#62
4-Bromofluorobenzene
Concen: 46.502 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015672.D
Acq: 21 Sep 2023 15:59

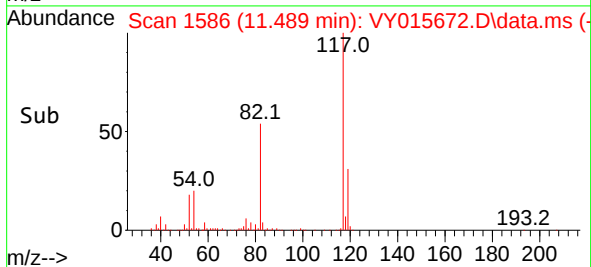
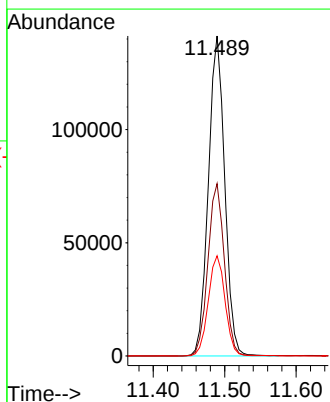
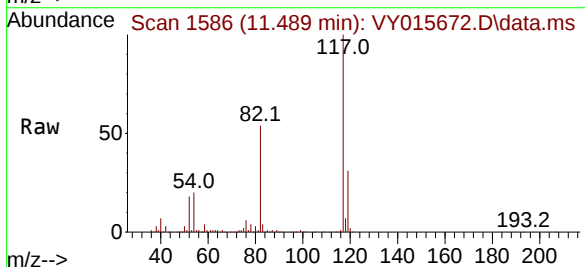
Instrument :
MSVOA_Y
ClientSampleId :
SE-SOIL-1

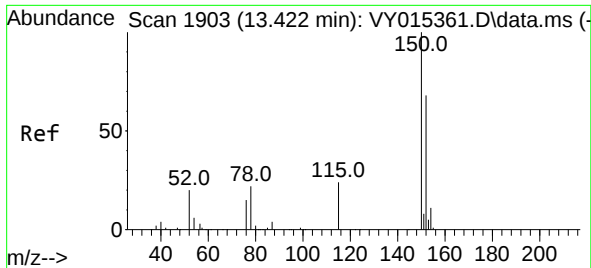
Tgt Ion: 95 Resp: 94422
Ion Ratio Lower Upper
95 100
174 84.6 0.0 178.2
176 81.3 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015672.D
Acq: 21 Sep 2023 15:59

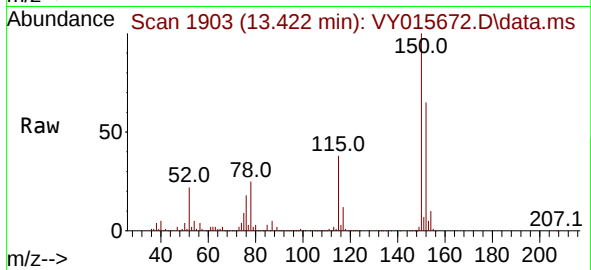
Tgt Ion: 117 Resp: 224573
Ion Ratio Lower Upper
117 100
82 53.8 43.4 65.0
119 31.3 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY015672.D
 Acq: 21 Sep 2023 15:59

Instrument :
 MSVOA_Y
 ClientSampleId :
 SE-SOIL-1



Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.0	28.8	86.5
150	156.0	0.0	348.8

