

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092123\
 Data File : VY015675.D
 Acq On : 21 Sep 2023 17:10
 Operator : SY/MD
 Sample : 04567-07
 Misc : 4.21g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SE-SOIL-4

Quant Time: Sep 22 01:21:50 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)

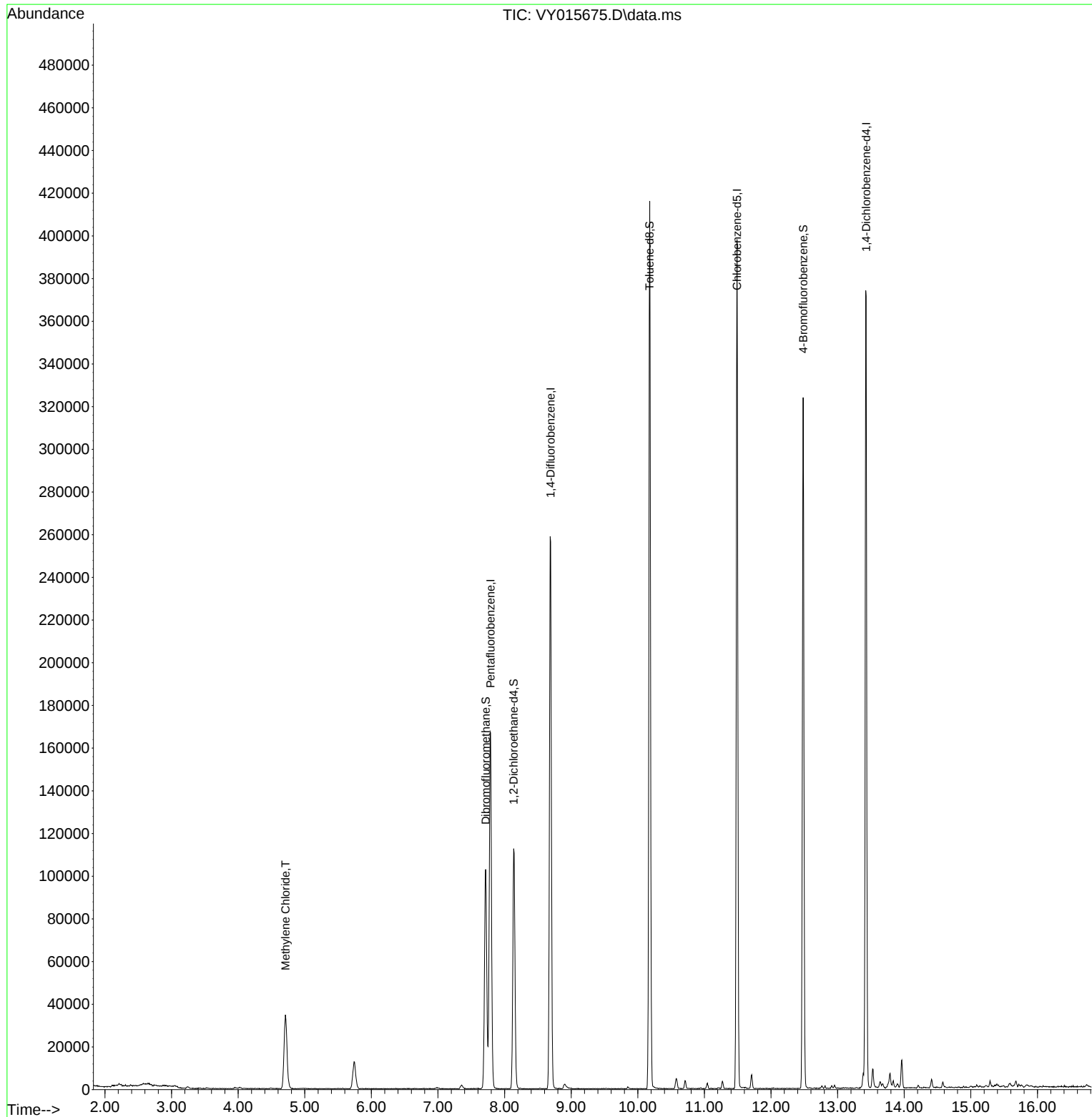
Internal Standards						
1) Pentafluorobenzene	7.789	168	133023	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	226889	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	208721	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	95884	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	89186	60.935	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.880%	
35) Dibromofluoromethane	7.716	113	72678	53.518	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.040%	
50) Toluene-d8	10.179	98	268065	58.218	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 116.440%	
62) 4-Bromofluorobenzene	12.483	95	91048	50.387	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.780%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.710	84	26377	11.666	ug/l	92

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

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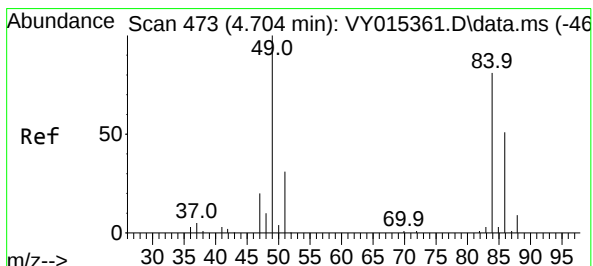
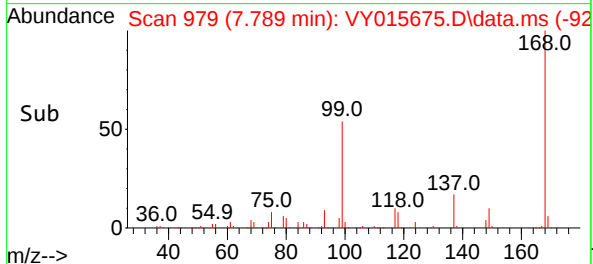
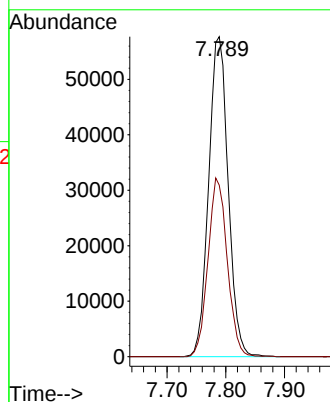
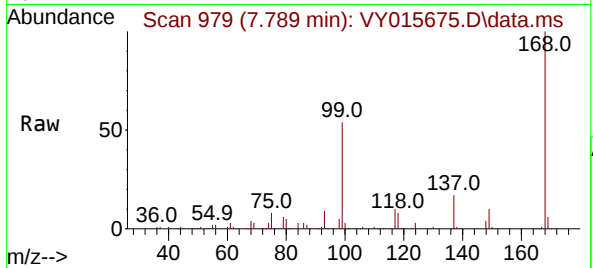




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015675.D
Acq: 21 Sep 2023 17:10

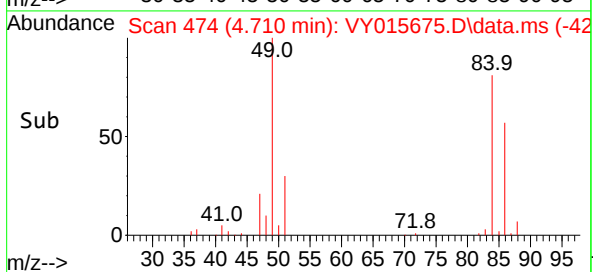
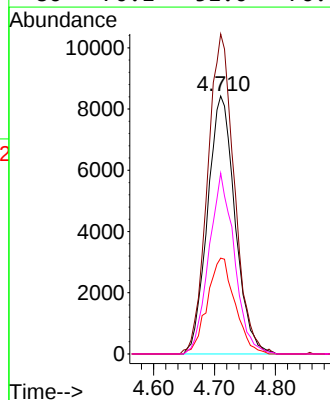
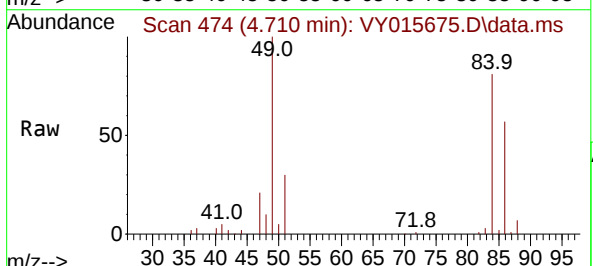
Instrument :
MSVOA_Y
ClientSampleId :
SE-SOIL-4

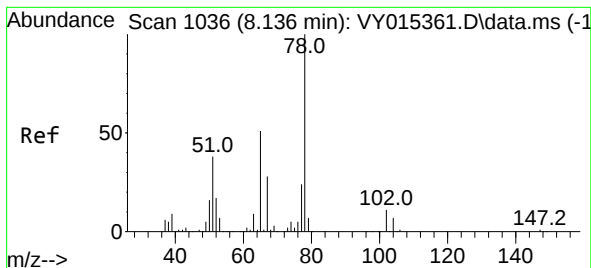
Tgt Ion:168 Resp: 133023
Ion Ratio Lower Upper
168 100
99 53.6 43.4 65.0



#20
Methylene Chloride
Concen: 11.666 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY015675.D
Acq: 21 Sep 2023 17:10

Tgt Ion: 84 Resp: 26377
Ion Ratio Lower Upper
84 100
49 124.1 106.9 160.3
51 37.1 33.2 49.8
86 70.1 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 60.935 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY015675.D

Acq: 21 Sep 2023 17:10

Instrument :

MSVOA_Y

ClientSampleId :

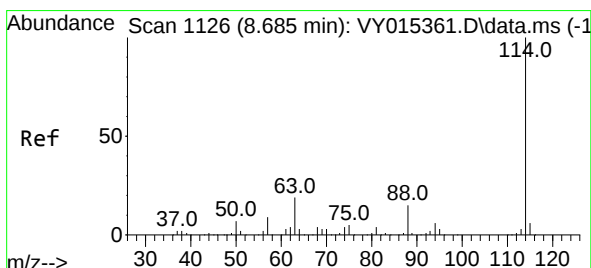
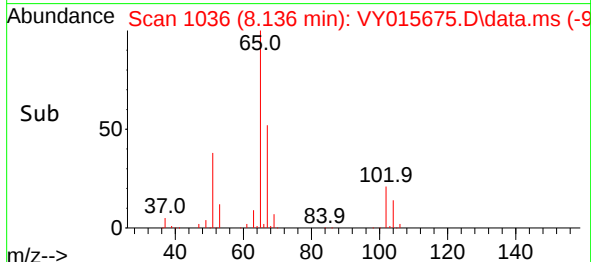
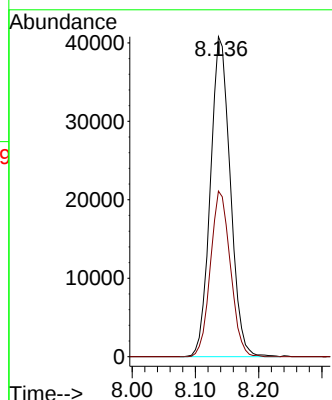
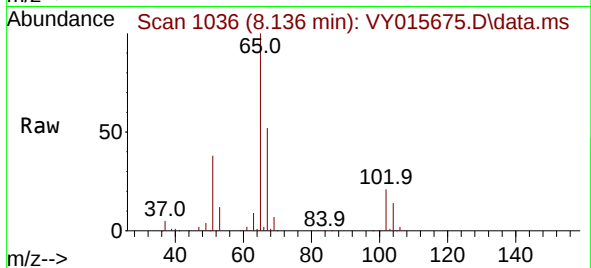
SE-SOIL-4

Tgt Ion: 65 Resp: 89186

Ion Ratio Lower Upper

65 100

67 51.9 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: VY015675.D

Acq: 21 Sep 2023 17:10

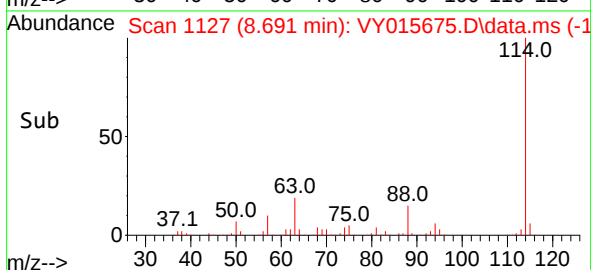
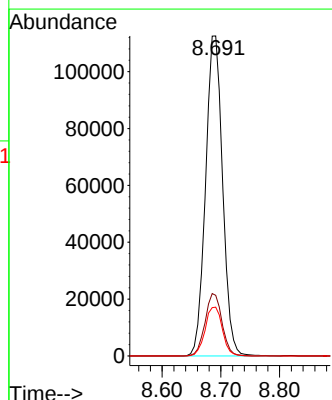
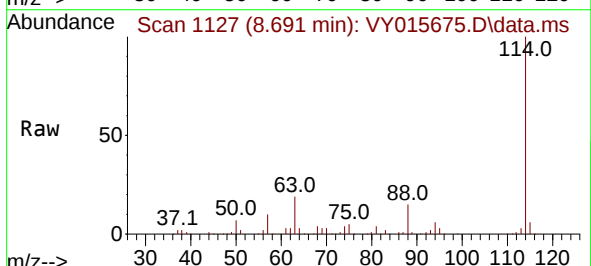
Tgt Ion: 114 Resp: 226889

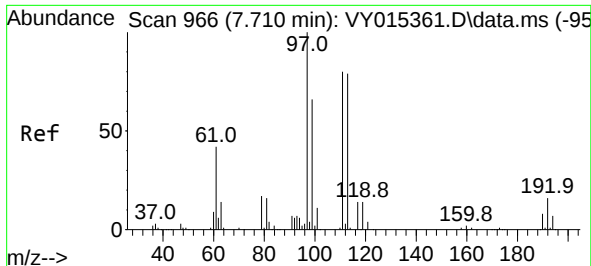
Ion Ratio Lower Upper

114 100

63 19.0 0.0 42.4

88 15.3 0.0 30.6

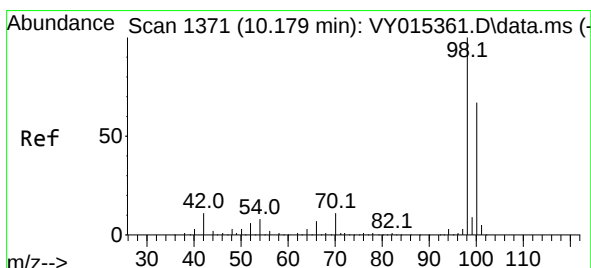
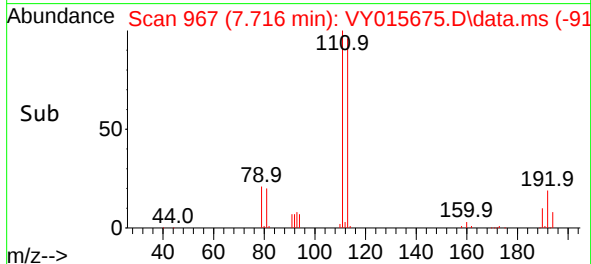
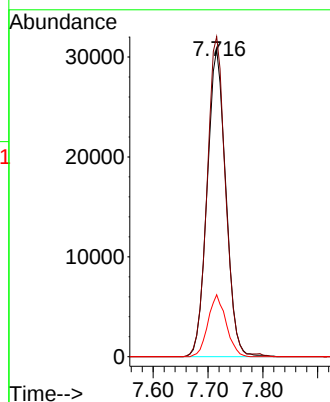
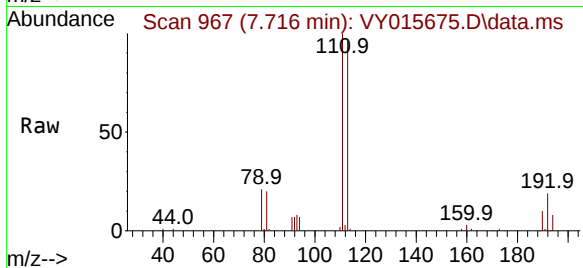




#35
Dibromofluoromethane
Concen: 53.518 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015675.D
Acq: 21 Sep 2023 17:10

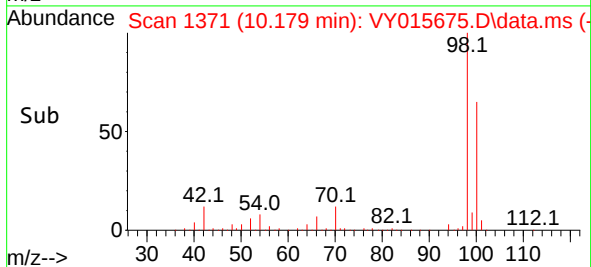
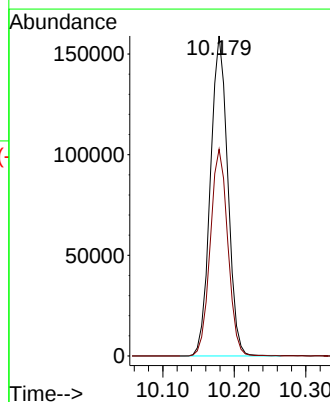
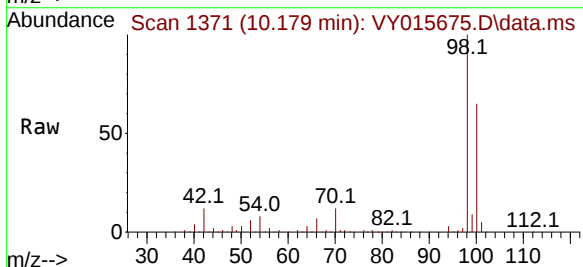
Instrument :
MSVOA_Y
ClientSampleId :
SE-SOIL-4

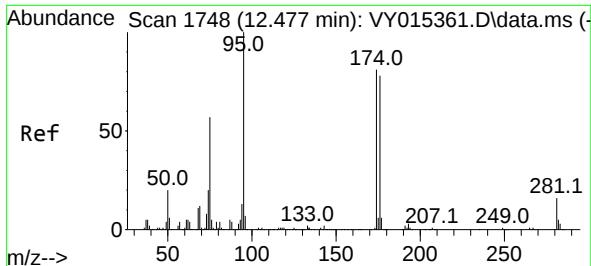
Tgt Ion:113 Resp: 72678
Ion Ratio Lower Upper
113 100
111 102.2 81.3 121.9
192 19.6 16.9 25.3



#50
Toluene-d8
Concen: 58.218 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015675.D
Acq: 21 Sep 2023 17:10

Tgt Ion: 98 Resp: 268065
Ion Ratio Lower Upper
98 100
100 65.2 50.1 75.1

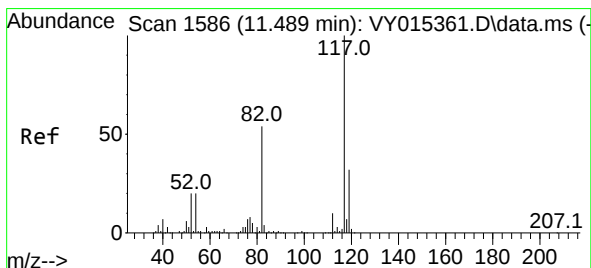
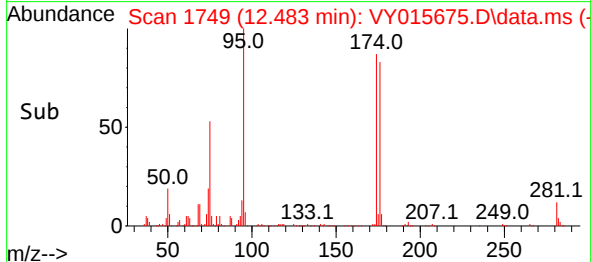
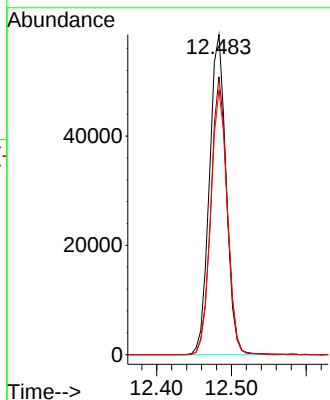
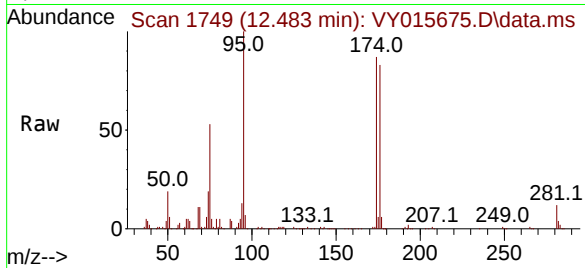




#62
4-Bromofluorobenzene
Concen: 50.387 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015675.D
Acq: 21 Sep 2023 17:10

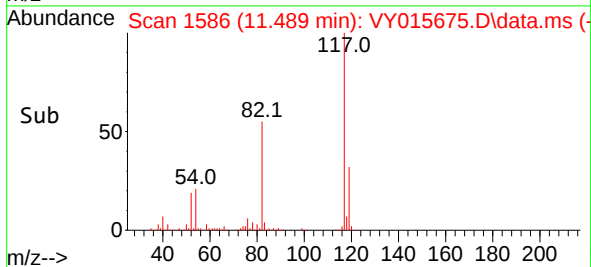
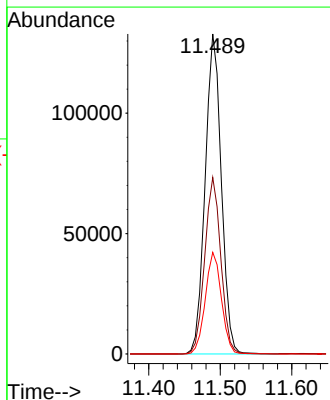
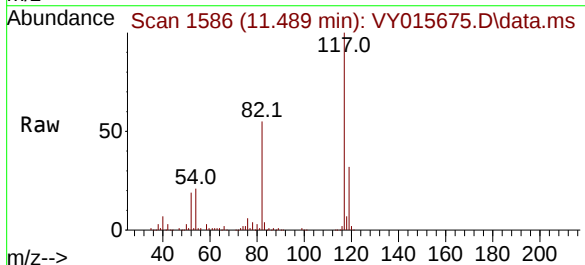
Instrument :
MSVOA_Y
ClientSampleId :
SE-SOIL-4

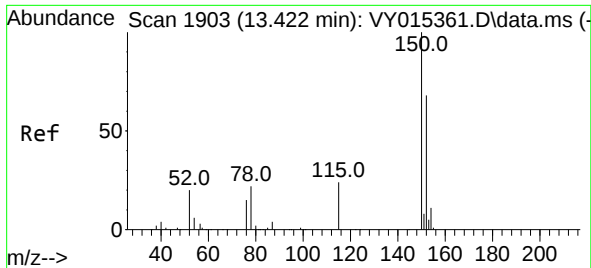
Tgt Ion: 95 Resp: 91048
Ion Ratio Lower Upper
95 100
174 84.5 0.0 178.2
176 81.9 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015675.D
Acq: 21 Sep 2023 17:10

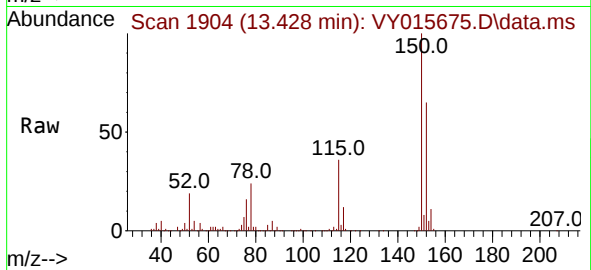
Tgt Ion: 117 Resp: 208721
Ion Ratio Lower Upper
117 100
82 55.1 43.4 65.0
119 31.8 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VY015675.D
 Acq: 21 Sep 2023 17:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 SE-SOIL-4



Tgt Ion:	152	Resp:	95884
Ion Ratio	Lower	Upper	
152	100		
115	58.1	28.8	86.5
150	156.1	0.0	348.8

