

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092123\
 Data File : VY015674.D
 Acq On : 21 Sep 2023 16:46
 Operator : SY/MD
 Sample : 04567-05
 Misc : 6.16g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SE-SOIL-3

Quant Time: Sep 22 01:21:25 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)

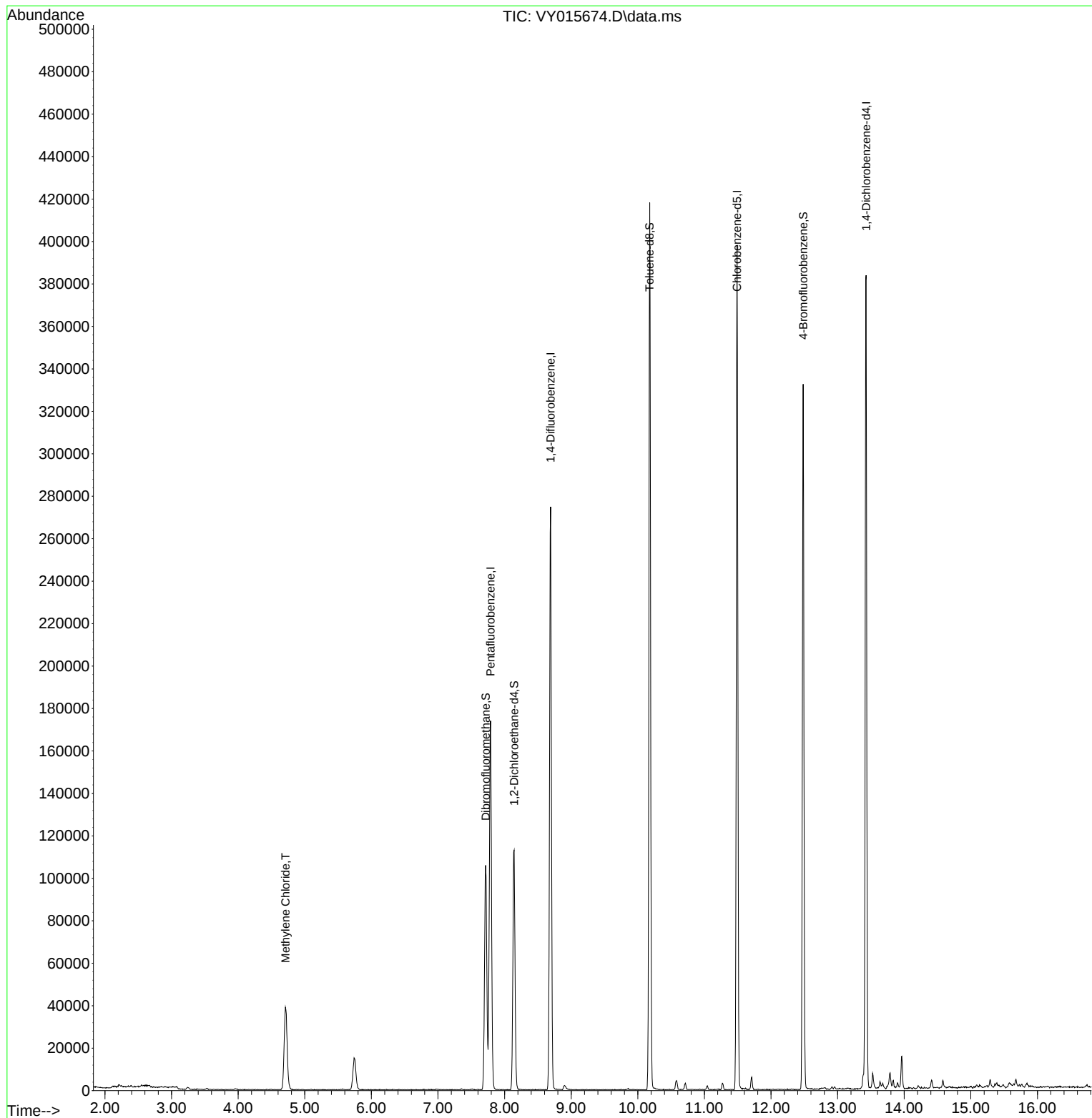
Internal Standards						
1) Pentafluorobenzene	7.789	168	135249	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	233942	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	213852	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	100683	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	89092	59.869	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.740%	
35) Dibromofluoromethane	7.716	113	75766	54.110	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.220%	
50) Toluene-d8	10.179	98	273024	57.507	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 115.020%	
62) 4-Bromofluorobenzene	12.483	95	93557	50.215	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.420%	
Target Compounds						
20) Methylene Chloride	4.710	84	30524	14.019	ug/l	Qvalue 96

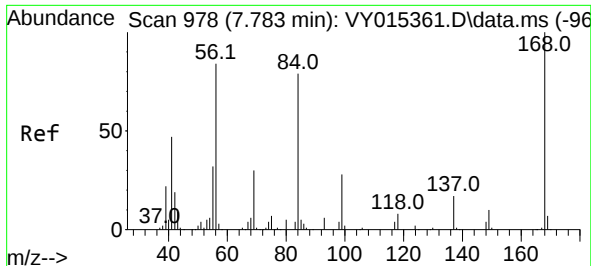
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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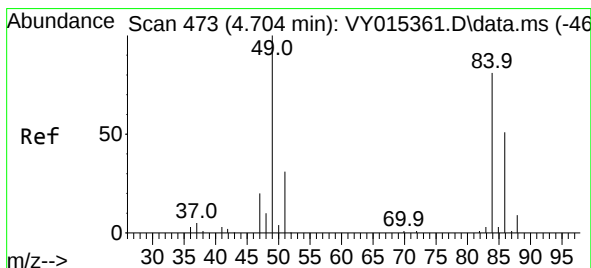
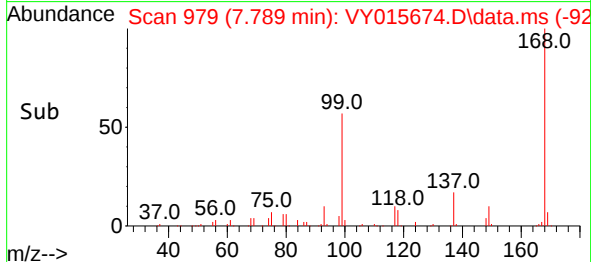
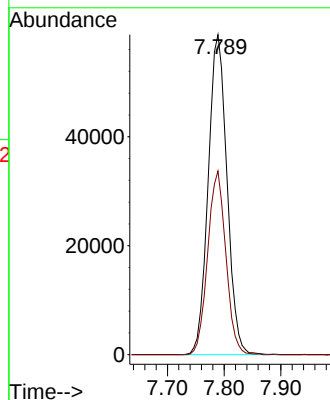
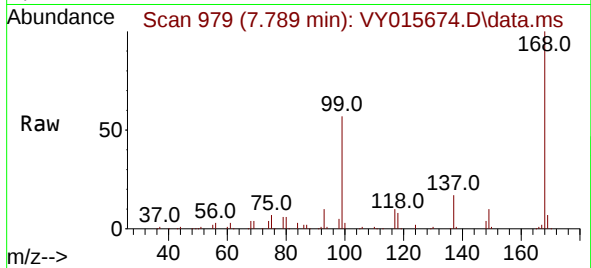




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015674.D
Acq: 21 Sep 2023 16:46

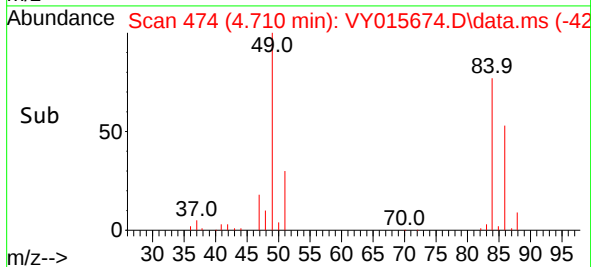
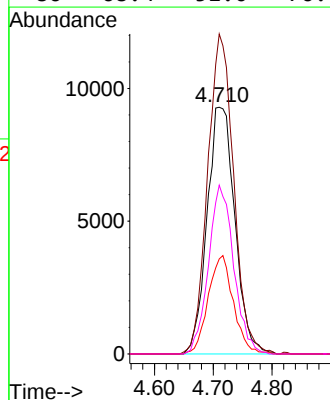
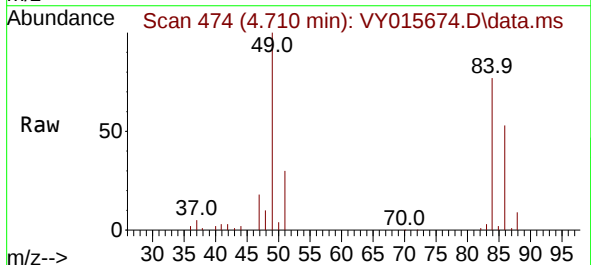
Instrument :
MSVOA_Y
ClientSampleId :
SE-SOIL-3

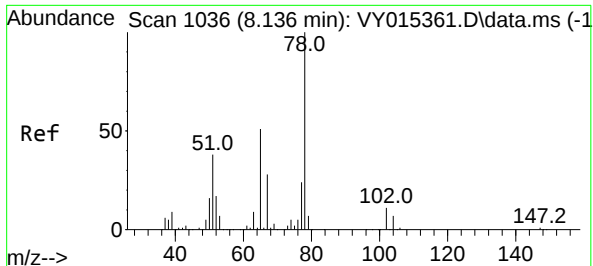
Tgt Ion:168 Resp: 135249
Ion Ratio Lower Upper
168 100
99 57.4 43.4 65.0



#20
Methylene Chloride
Concen: 14.019 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY015674.D
Acq: 21 Sep 2023 16:46

Tgt Ion: 84 Resp: 30524
Ion Ratio Lower Upper
84 100
49 129.7 106.9 160.3
51 38.6 33.2 49.8
86 68.4 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 59.869 ug/l

RT: 8.143 min Scan# 110

Delta R.T. 0.007 min

Lab File: VY015674.D

Acq: 21 Sep 2023 16:46

Instrument :

MSVOA_Y

ClientSampleId :

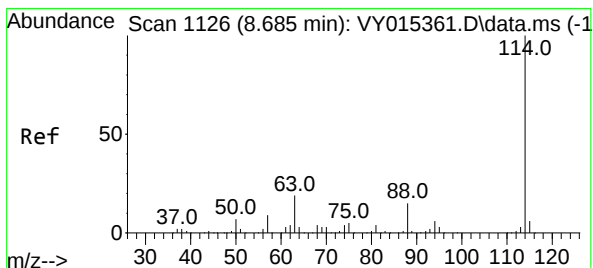
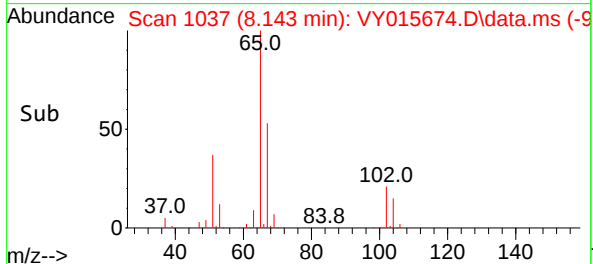
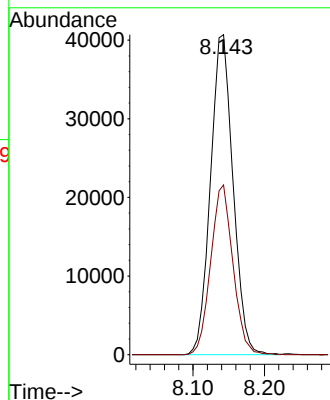
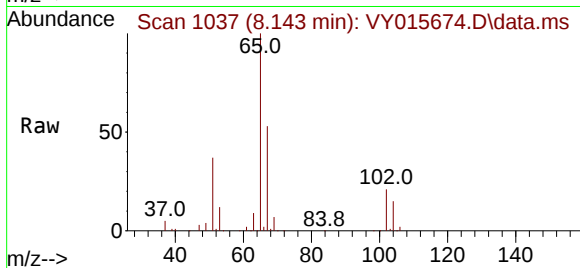
SE-SOIL-3

Tgt Ion: 65 Resp: 89092

Ion Ratio Lower Upper

65 100

67 52.4 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: VY015674.D

Acq: 21 Sep 2023 16:46

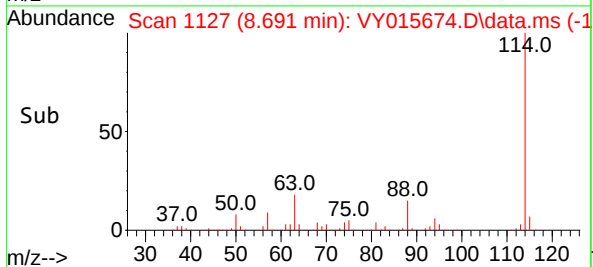
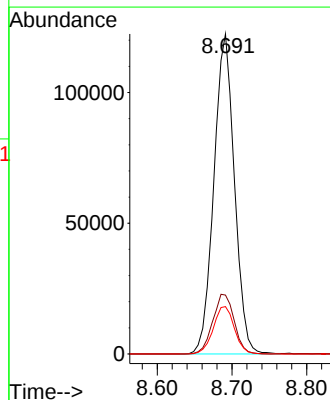
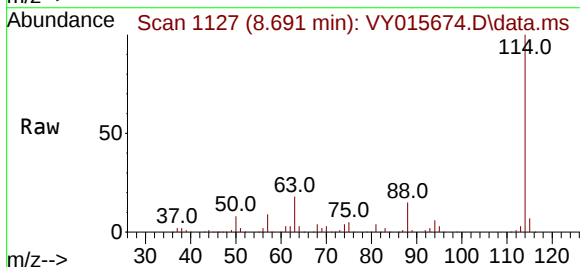
Tgt Ion: 114 Resp: 233942

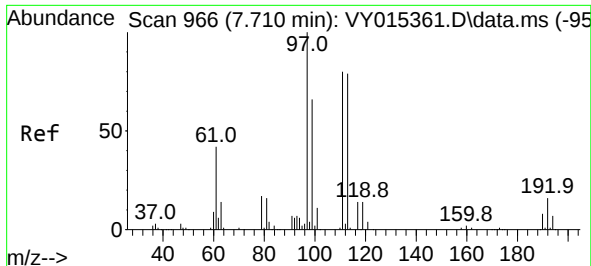
Ion Ratio Lower Upper

114 100

63 18.4 0.0 42.4

88 14.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 54.110 ug/l

RT: 7.716 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY015674.D

Acq: 21 Sep 2023 16:46

Instrument :

MSVOA_Y

ClientSampleId :

SE-SOIL-3

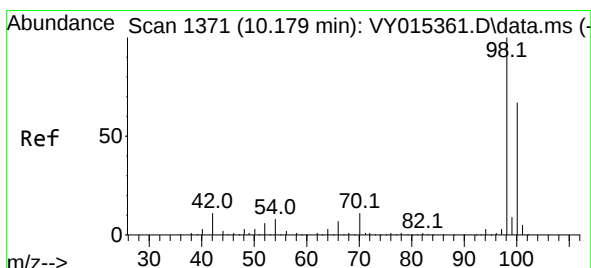
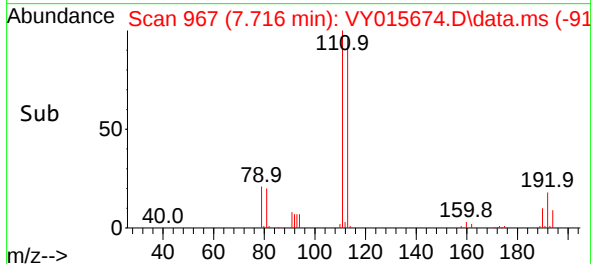
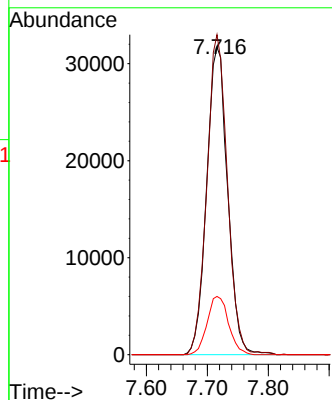
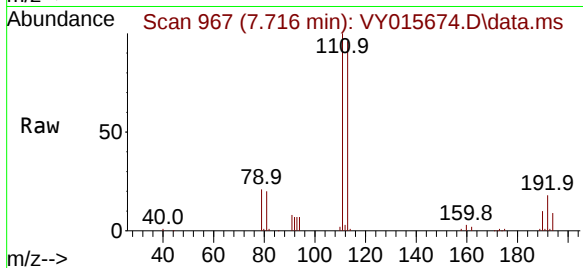
Tgt Ion:113 Resp: 75766

Ion Ratio Lower Upper

113 100

111 102.1 81.3 121.9

192 19.4 16.9 25.3



#50

Toluene-d8

Concen: 57.507 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY015674.D

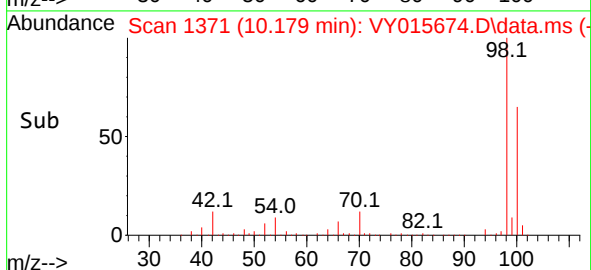
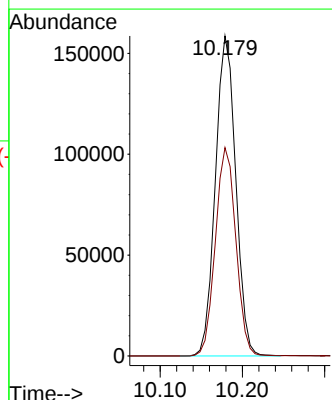
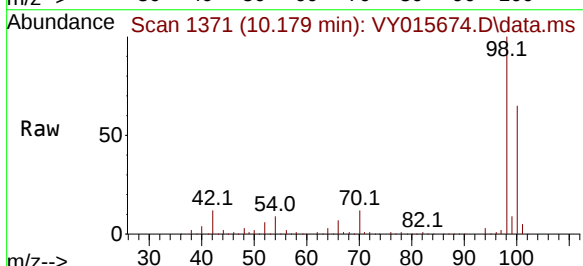
Acq: 21 Sep 2023 16:46

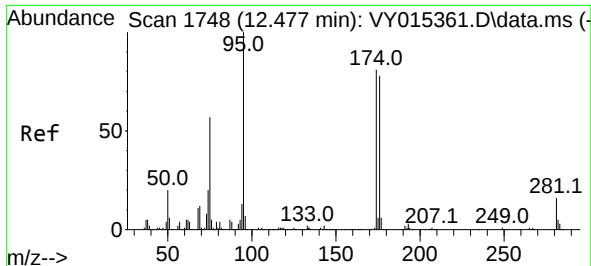
Tgt Ion: 98 Resp: 273024

Ion Ratio Lower Upper

98 100

100 65.7 50.1 75.1





#62

4-Bromofluorobenzene

Concen: 50.215 ug/l

RT: 12.483 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015674.D

Acq: 21 Sep 2023 16:46

Instrument :

MSVOA_Y

ClientSampleId :

SE-SOIL-3

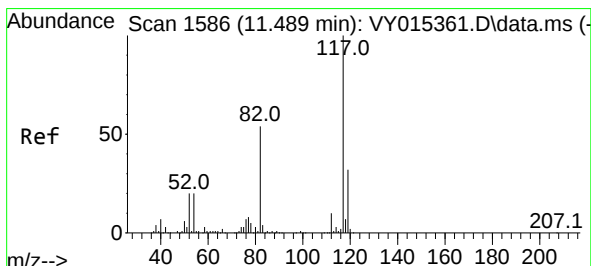
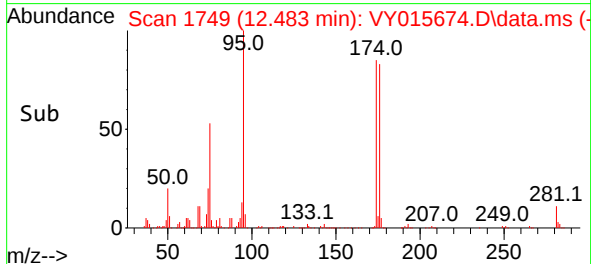
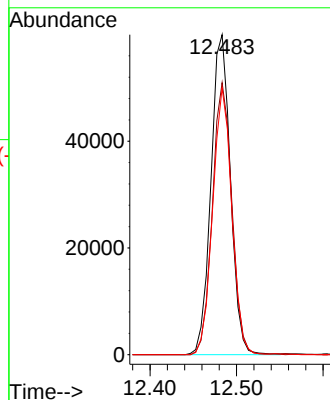
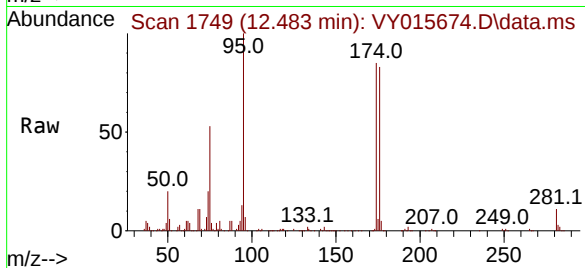
Tgt Ion: 95 Resp: 93557

Ion Ratio Lower Upper

95 100

174 85.1 0.0 178.2

176 81.9 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: VY015674.D

Acq: 21 Sep 2023 16:46

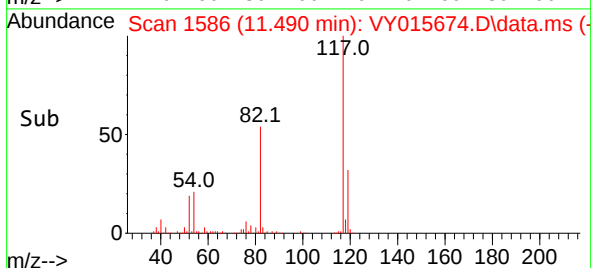
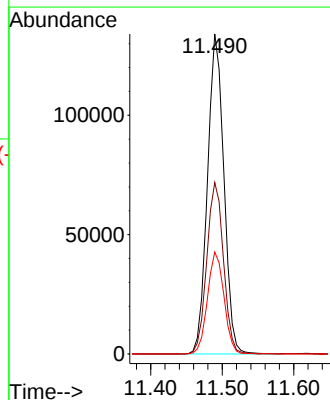
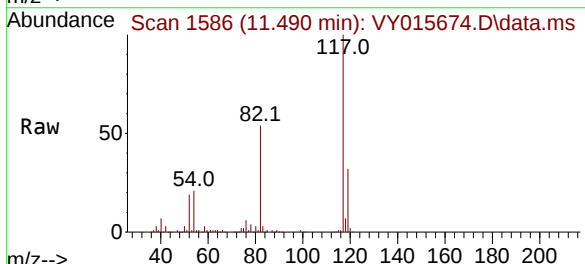
Tgt Ion: 117 Resp: 213852

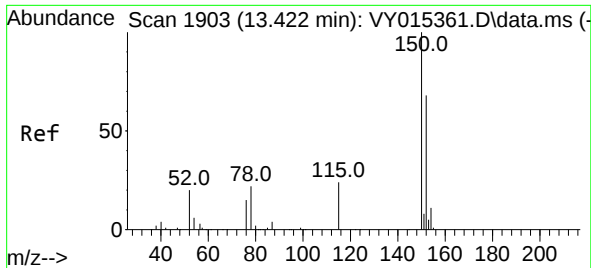
Ion Ratio Lower Upper

117 100

82 53.6 43.4 65.0

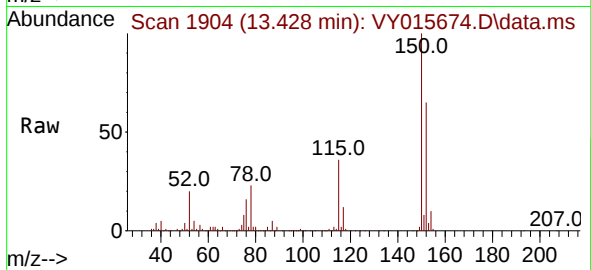
119 31.9 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VY015674.D
 Acq: 21 Sep 2023 16:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 SE-SOIL-3



Tgt Ion:152 Resp: 100683
 Ion Ratio Lower Upper
 152 100
 115 57.6 28.8 86.5
 150 155.9 0.0 348.8

