

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111622\
 Data File : VY011472.D
 Acq On : 16 Nov 2022 14:45
 Operator : KP/MD
 Sample : N5641-02
 Misc : 7.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SOIL-PILE-2

Quant Time: Nov 17 03:16:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 10 17:47:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	307225	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	497197	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	434931	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	188990	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	161716	62.816	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.640%
35) Dibromofluoromethane	7.716	113	173621	62.310	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	124.620%
50) Toluene-d8	10.179	98	632687	59.436	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	118.880%
62) 4-Bromofluorobenzene	12.483	95	204183	54.994	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	109.980%

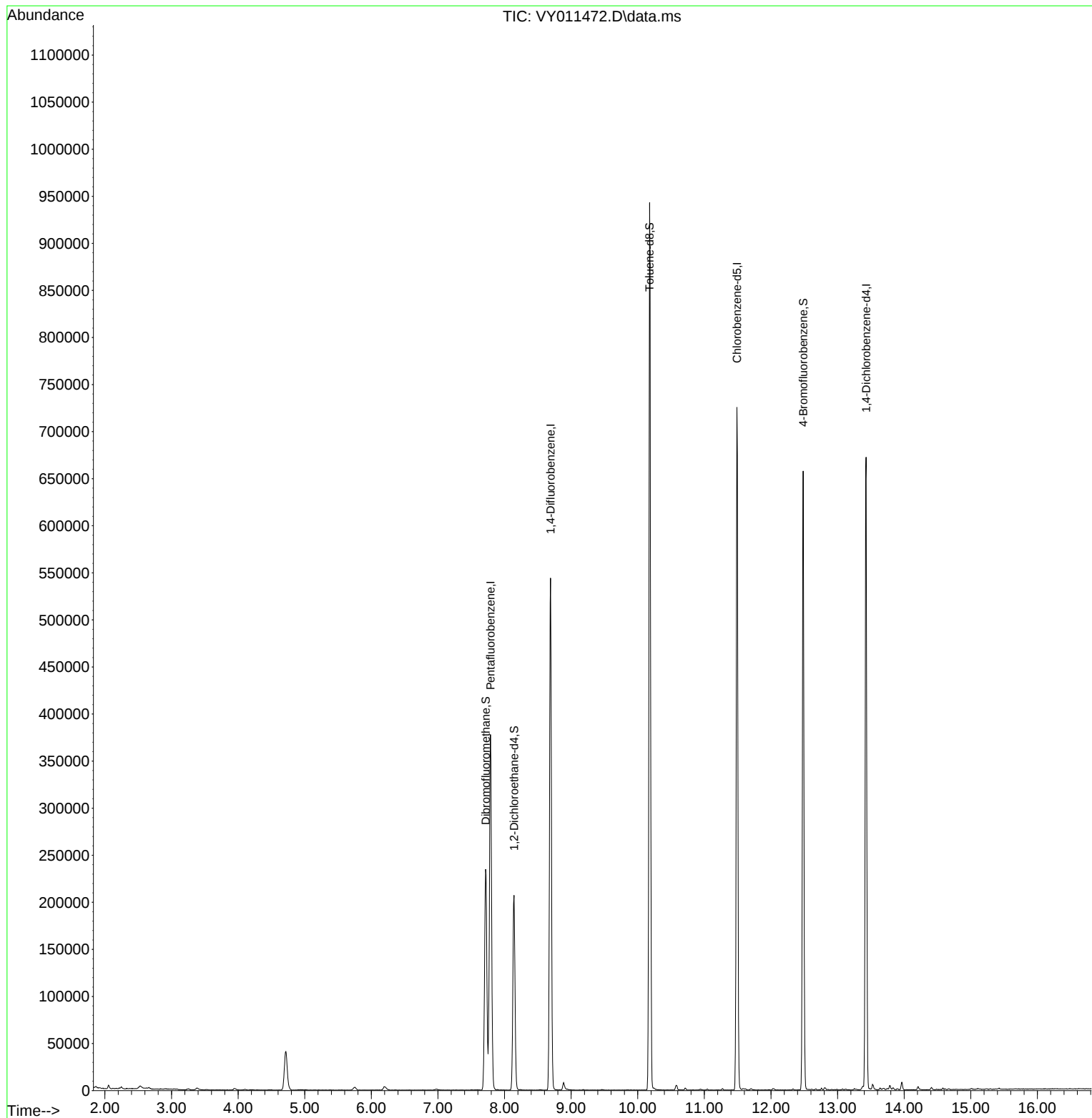
Target Compounds	Qvalue

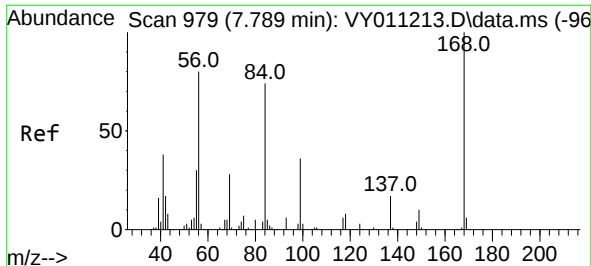
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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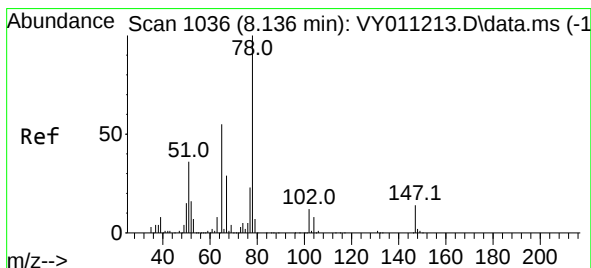
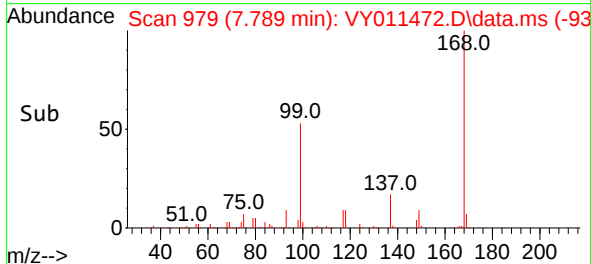
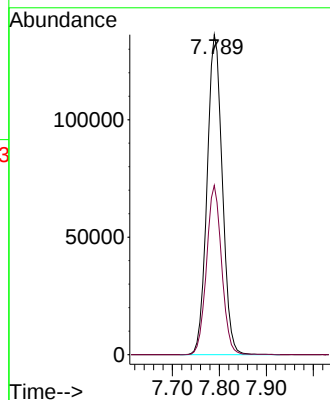
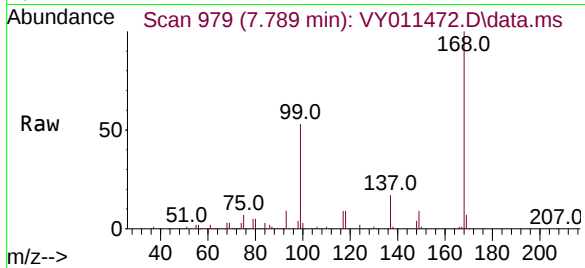




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011472.D
Acq: 16 Nov 2022 14:45

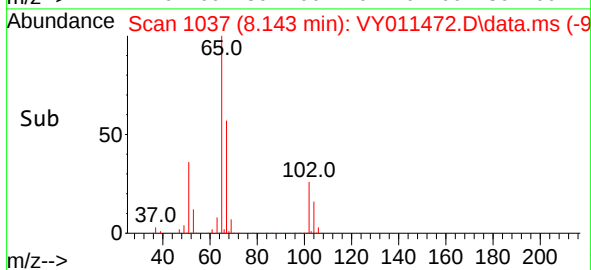
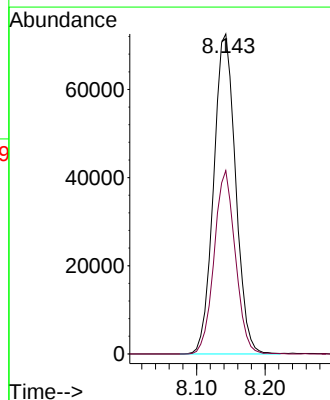
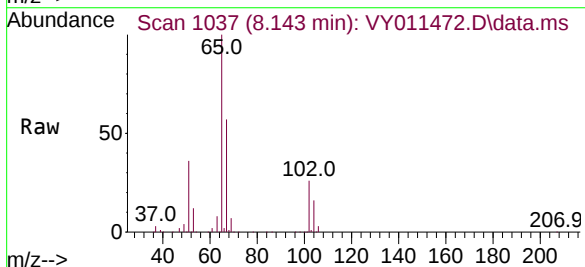
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-PILE-2

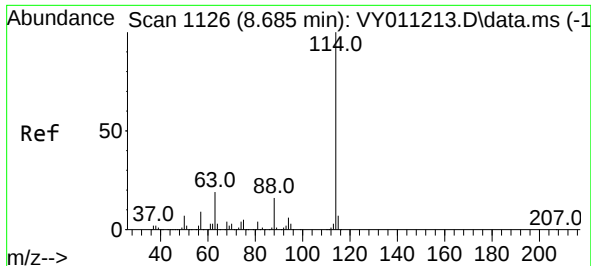
Tgt Ion:168 Resp: 307225
Ion Ratio Lower Upper
168 100
99 52.9 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 62.816 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY011472.D
Acq: 16 Nov 2022 14:45

Tgt Ion: 65 Resp: 161716
Ion Ratio Lower Upper
65 100
67 55.1 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY011472.D

Acq: 16 Nov 2022 14:45

Instrument :

MSVOA_Y

ClientSampleId :

SOIL-PILE-2

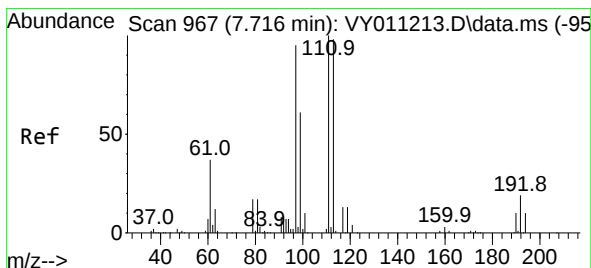
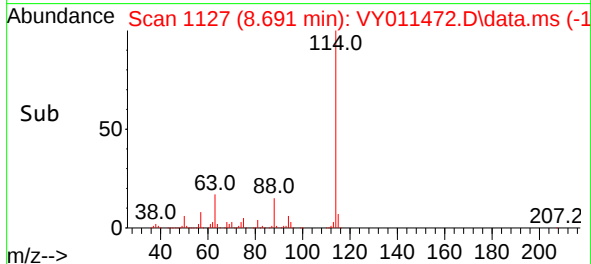
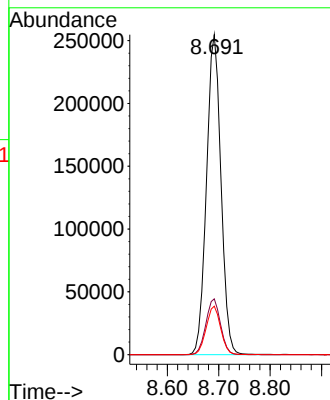
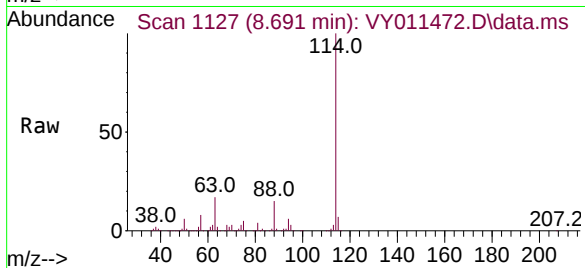
Tgt Ion:114 Resp: 497197

Ion Ratio Lower Upper

114 100

63 17.4 0.0 43.2

88 15.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 62.310 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY011472.D

Acq: 16 Nov 2022 14:45

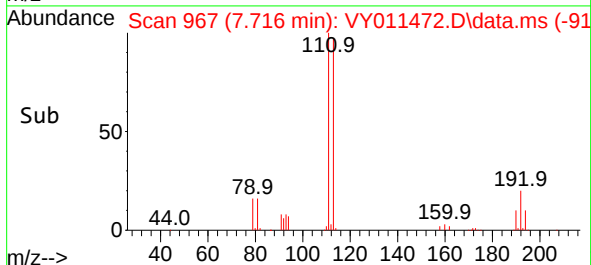
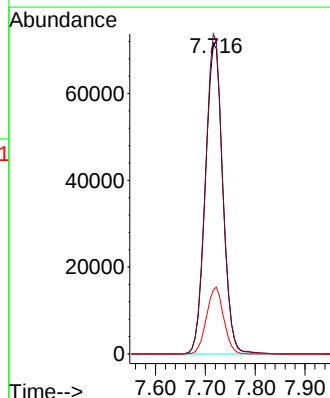
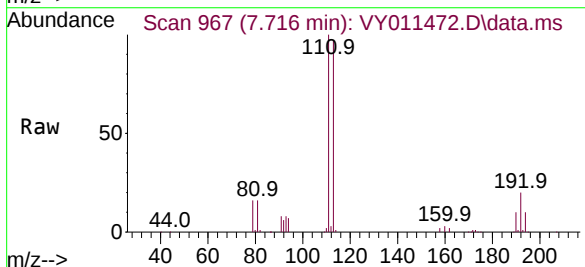
Tgt Ion:113 Resp: 173621

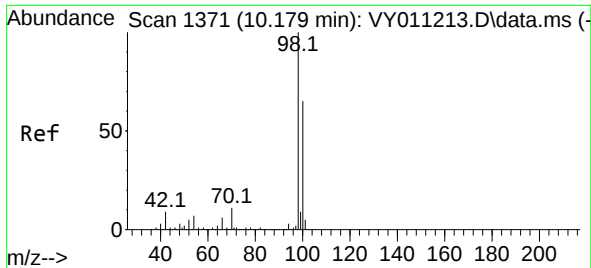
Ion Ratio Lower Upper

113 100

111 101.9 82.6 124.0

192 21.1 17.6 26.4

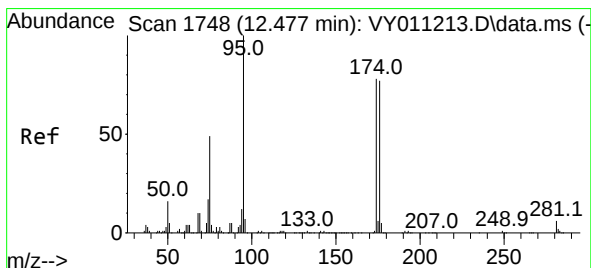
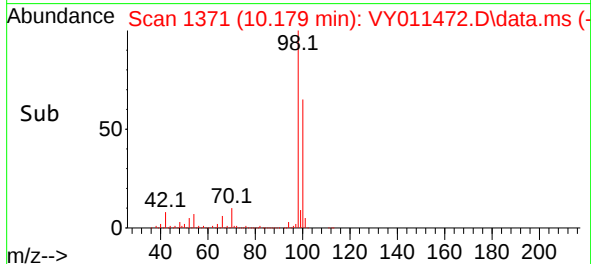
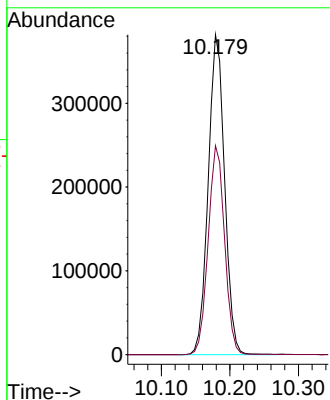
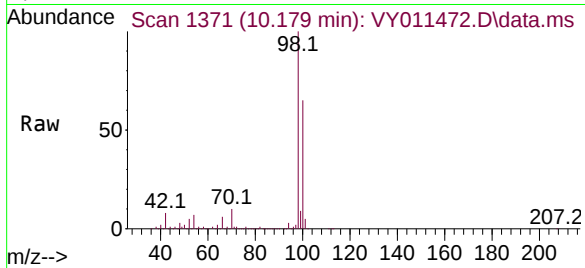




#50
Toluene-d8
Concen: 59.436 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011472.D
Acq: 16 Nov 2022 14:45

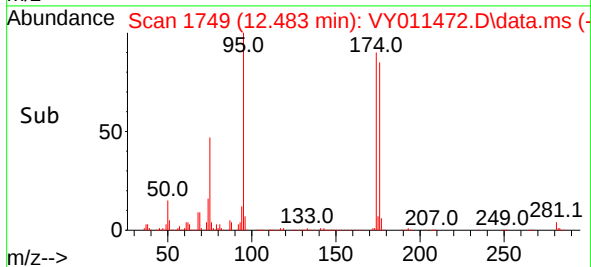
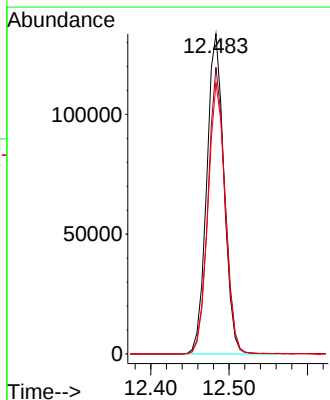
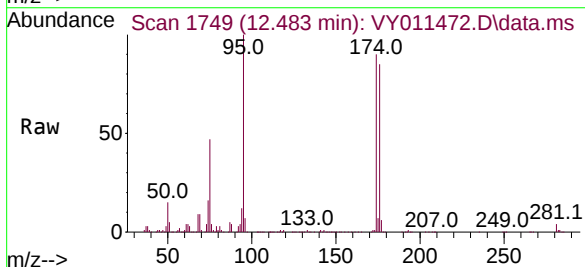
Instrument :
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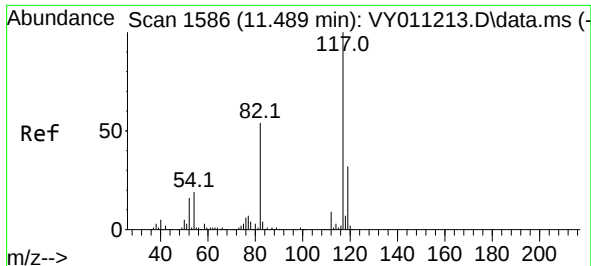
Tgt Ion: 98 Resp: 632687
Ion Ratio Lower Upper
98 100
100 65.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 54.994 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011472.D
Acq: 16 Nov 2022 14:45

Tgt Ion: 95 Resp: 204183
Ion Ratio Lower Upper
95 100
174 88.7 0.0 177.0
176 84.8 0.0 175.8

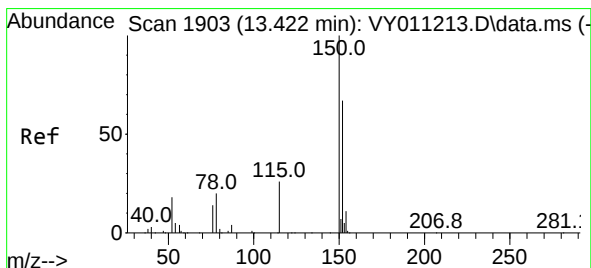
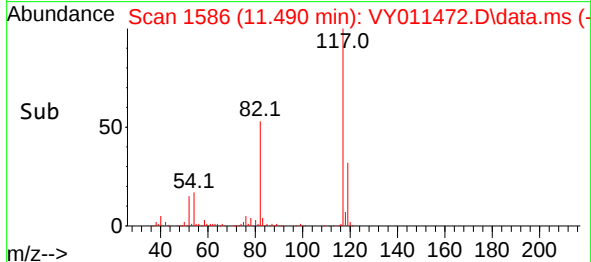
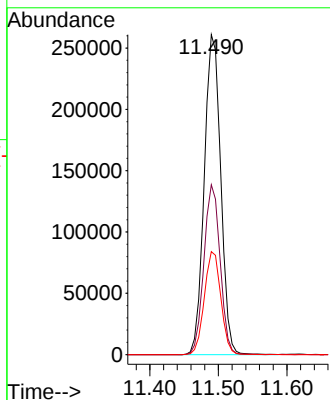
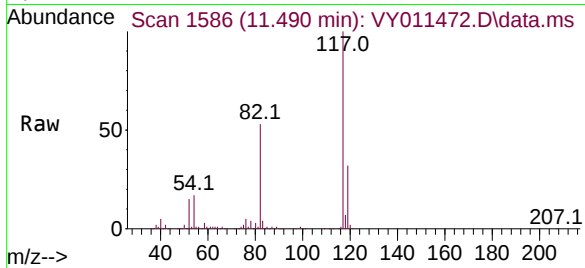




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011472.D
Acq: 16 Nov 2022 14:45

Instrument :
MSVOA_Y
ClientSampleId :
SOIL-PILE-2

Tgt Ion:117 Resp: 434931
Ion Ratio Lower Upper
117 100
82 53.1 43.0 64.4
119 32.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY011472.D
Acq: 16 Nov 2022 14:45

Tgt Ion:152 Resp: 188990
Ion Ratio Lower Upper
152 100
115 56.7 28.2 84.7
150 156.8 0.0 347.6

