

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111622\
 Data File : VY011481.D
 Acq On : 16 Nov 2022 18:13
 Operator : KP/MD
 Sample : N5641-11
 Misc : 7.18g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SOIL-PILE-11

Quant Time: Nov 17 03:17:34 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	252304	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	464227	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	435547	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	185201	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	140056	66.244	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	132.480%
35) Dibromofluoromethane	7.715	113	138316	53.165	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.340%
50) Toluene-d8	10.178	98	540955	54.427	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.860%
62) 4-Bromofluorobenzene	12.483	95	169552	48.910	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.820%

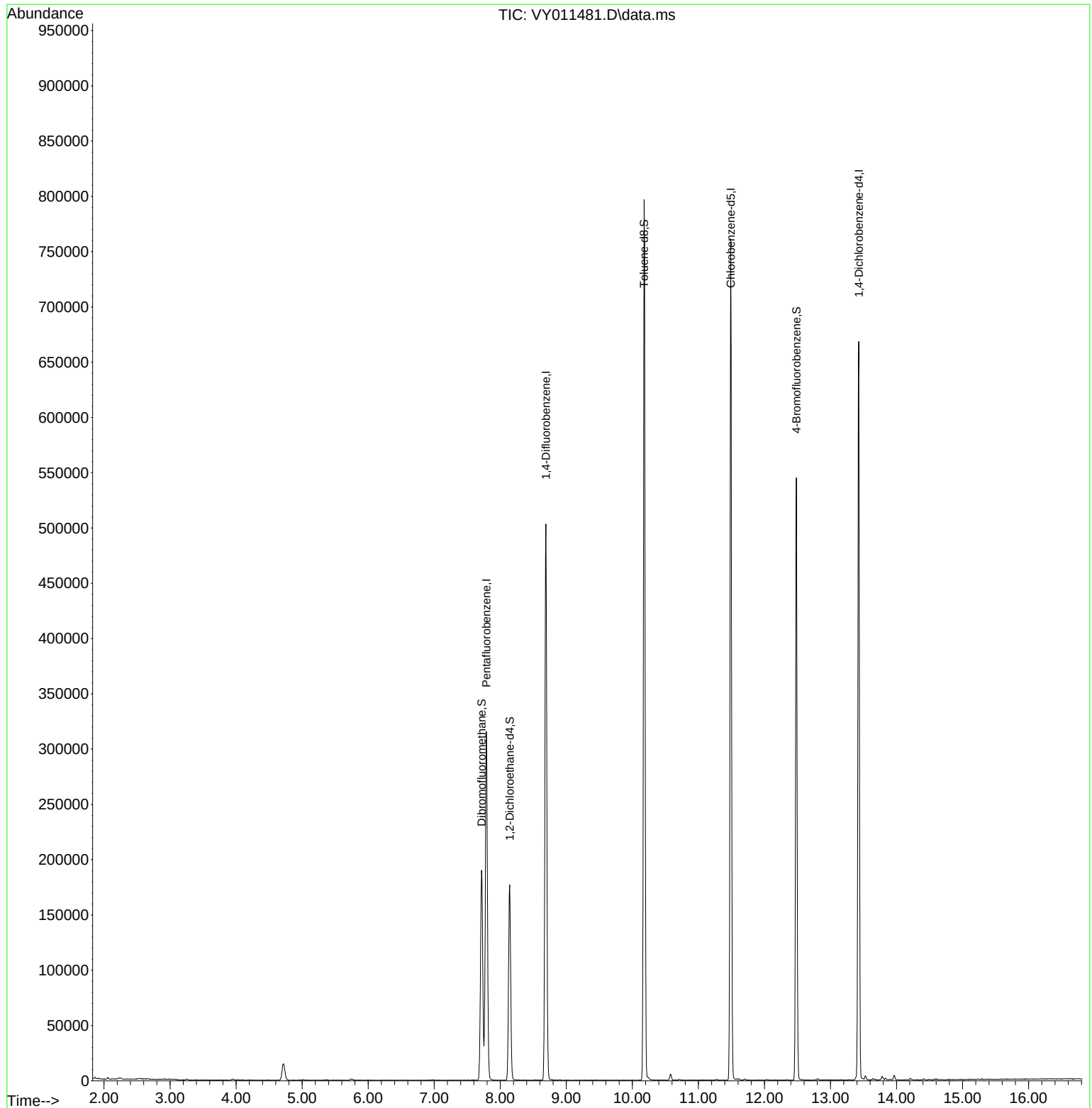
Target Compounds	Qvalue

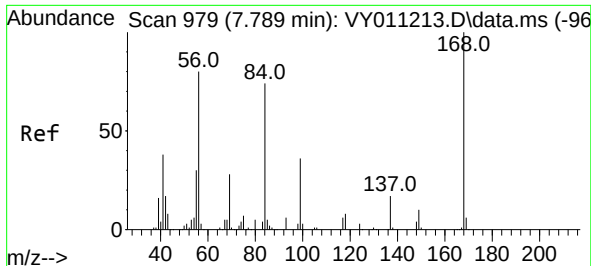
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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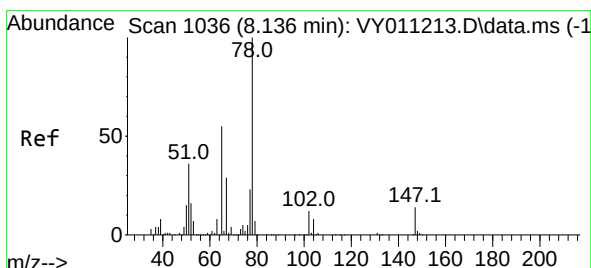
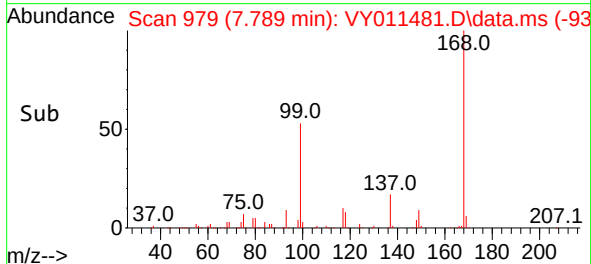
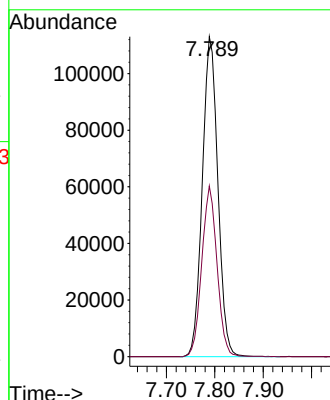
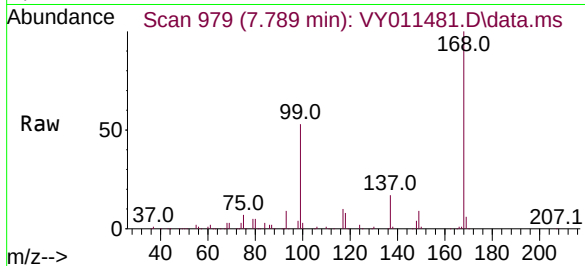




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011481.D
Acq: 16 Nov 2022 18:13

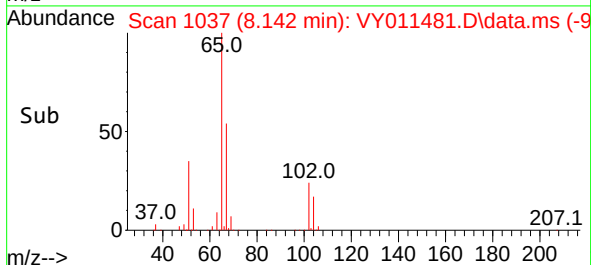
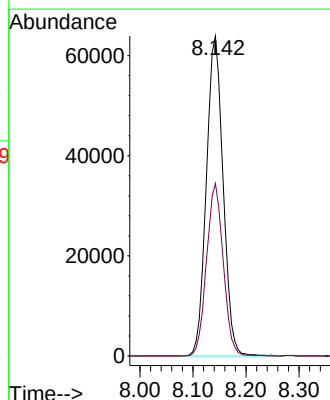
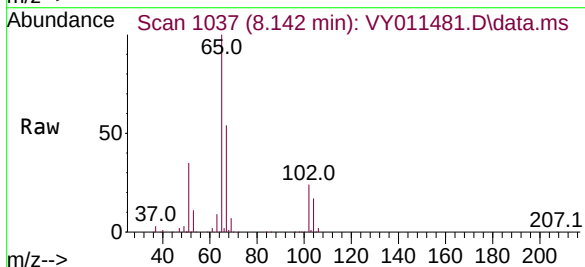
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-PILE-11

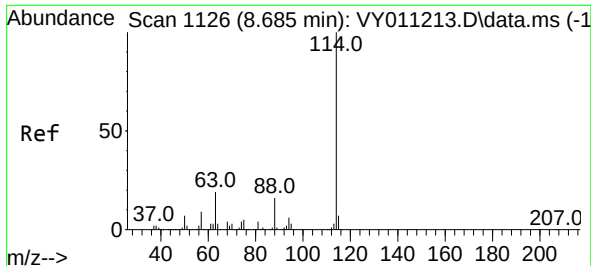
Tgt Ion:168 Resp: 252304
Ion Ratio Lower Upper
168 100
99 53.3 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 66.244 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY011481.D
Acq: 16 Nov 2022 18:13

Tgt Ion: 65 Resp: 140056
Ion Ratio Lower Upper
65 100
67 53.7 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: VY011481.D

Acq: 16 Nov 2022 18:13

Instrument :

MSVOA_Y

ClientSampleId :

SOIL-PILE-11

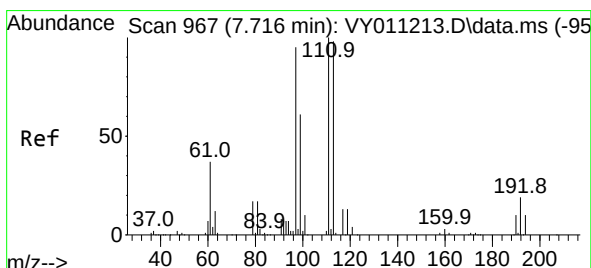
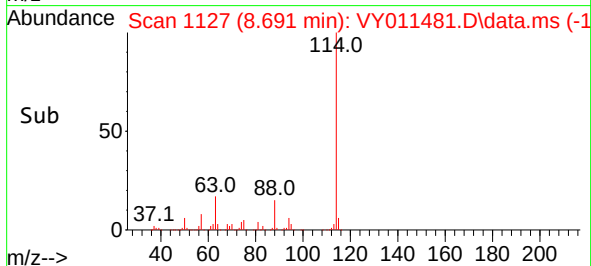
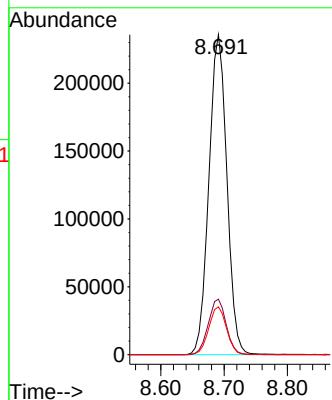
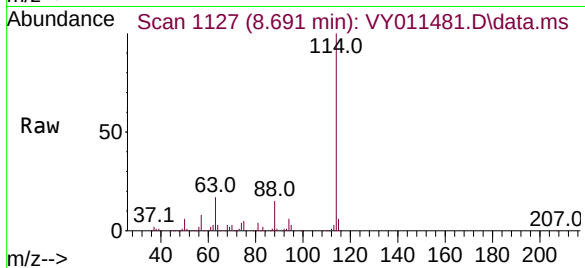
Tgt Ion:114 Resp: 464227

Ion Ratio Lower Upper

114 100

63 17.3 0.0 43.2

88 14.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 53.165 ug/l

RT: 7.715 min Scan# 967

Delta R.T. 0.005 min

Lab File: VY011481.D

Acq: 16 Nov 2022 18:13

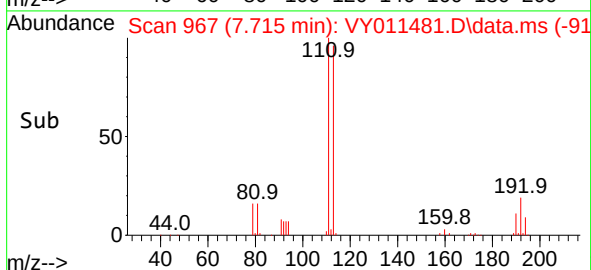
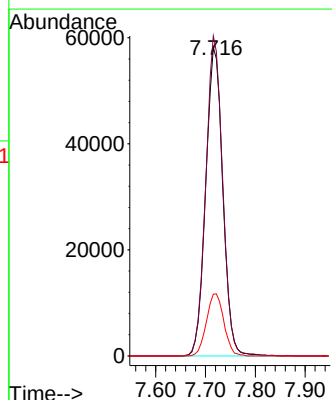
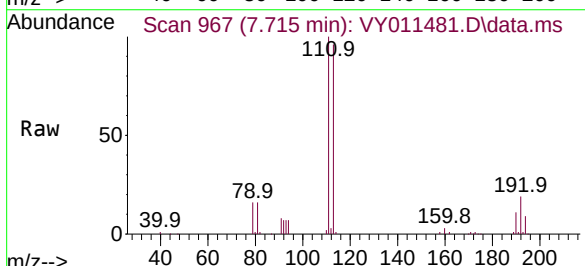
Tgt Ion:113 Resp: 138316

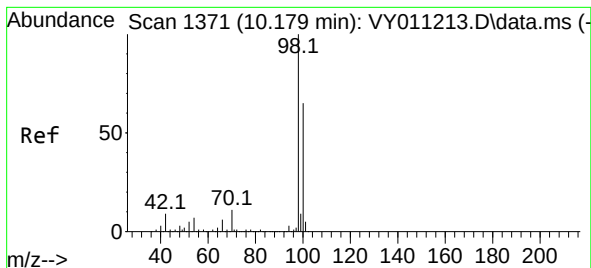
Ion Ratio Lower Upper

113 100

111 102.7 82.6 124.0

192 20.5 17.6 26.4

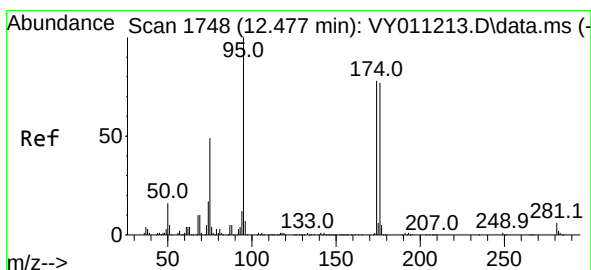
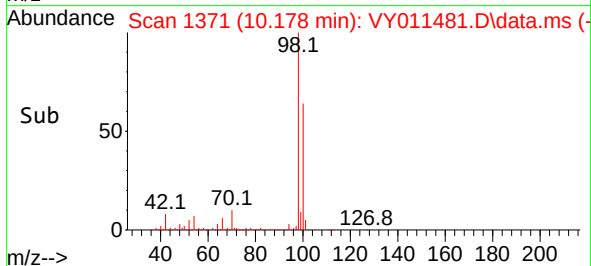
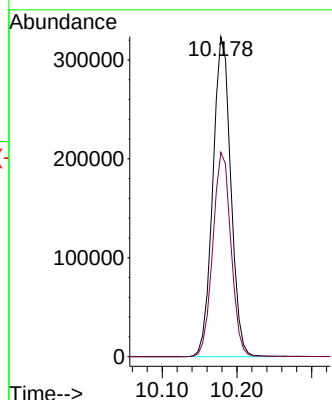
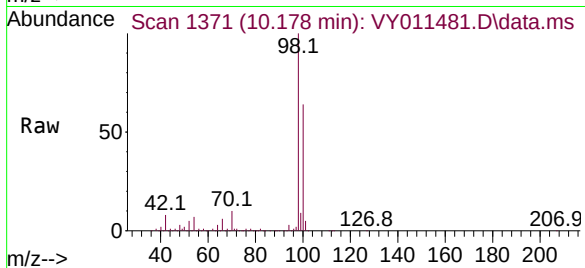




#50
Toluene-d8
Concen: 54.427 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.001 min
Lab File: VY011481.D
Acq: 16 Nov 2022 18:13

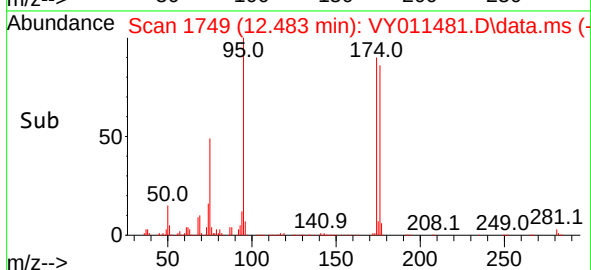
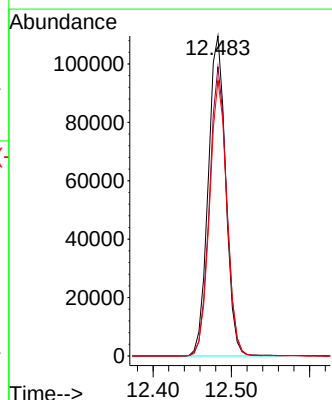
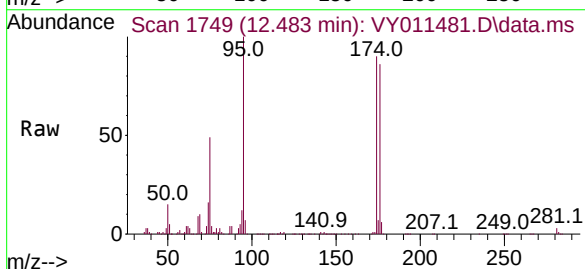
Instrument :
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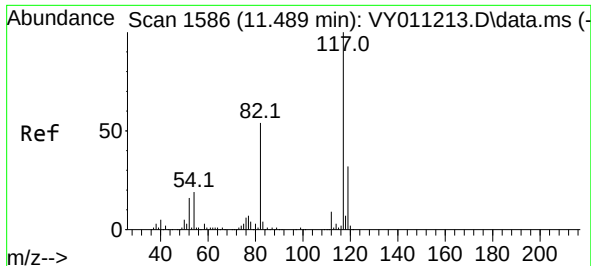
Tgt Ion: 98 Resp: 540955
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 48.910 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY011481.D
Acq: 16 Nov 2022 18:13

Tgt Ion: 95 Resp: 169552
Ion Ratio Lower Upper
95 100
174 89.2 0.0 177.0
176 85.6 0.0 175.8

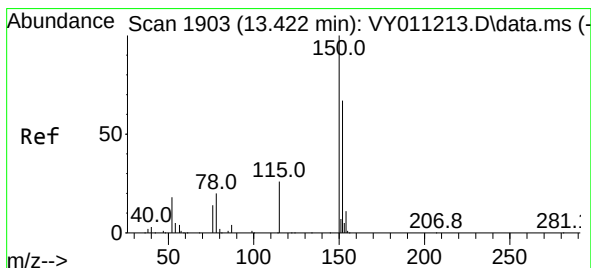
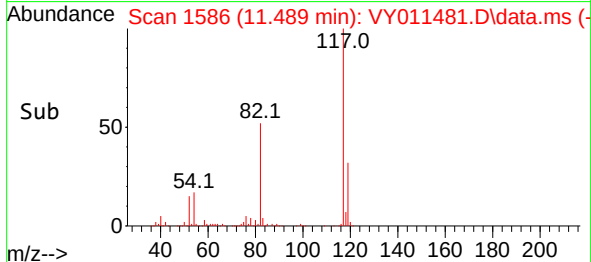
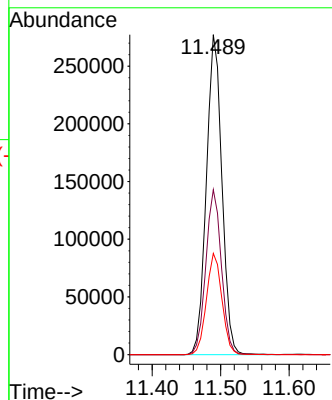
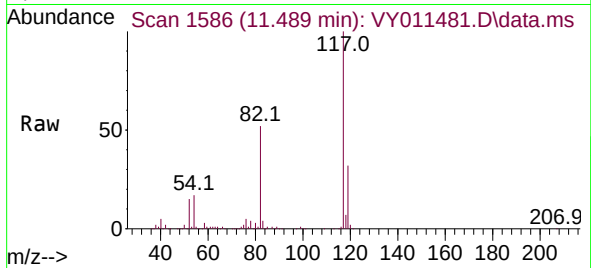




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY011481.D
Acq: 16 Nov 2022 18:13

Instrument :
MSVOA_Y
ClientSampleId :
SOIL-PILE-11

Tgt Ion:117 Resp: 435547
Ion Ratio Lower Upper
117 100
82 51.5 43.0 64.4
119 31.6 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: VY011481.D
Acq: 16 Nov 2022 18:13

Tgt Ion:152 Resp: 185201
Ion Ratio Lower Upper
152 100
115 57.3 28.2 84.7
150 157.6 0.0 347.6

