

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111622\
 Data File : VY011475.D
 Acq On : 16 Nov 2022 15:53
 Operator : KP/MD
 Sample : N5641-05
 Misc : 6.87g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SOIL-PILE-5

Quant Time: Nov 17 03:16:46 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	301176	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	494138	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	437641	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	196445	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	151958	60.211	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.420%
35) Dibromofluoromethane	7.715	113	161551	58.337	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	116.680%
50) Toluene-d8	10.178	98	594195	56.165	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	112.340%
62) 4-Bromofluorobenzene	12.483	95	195251	52.913	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.820%

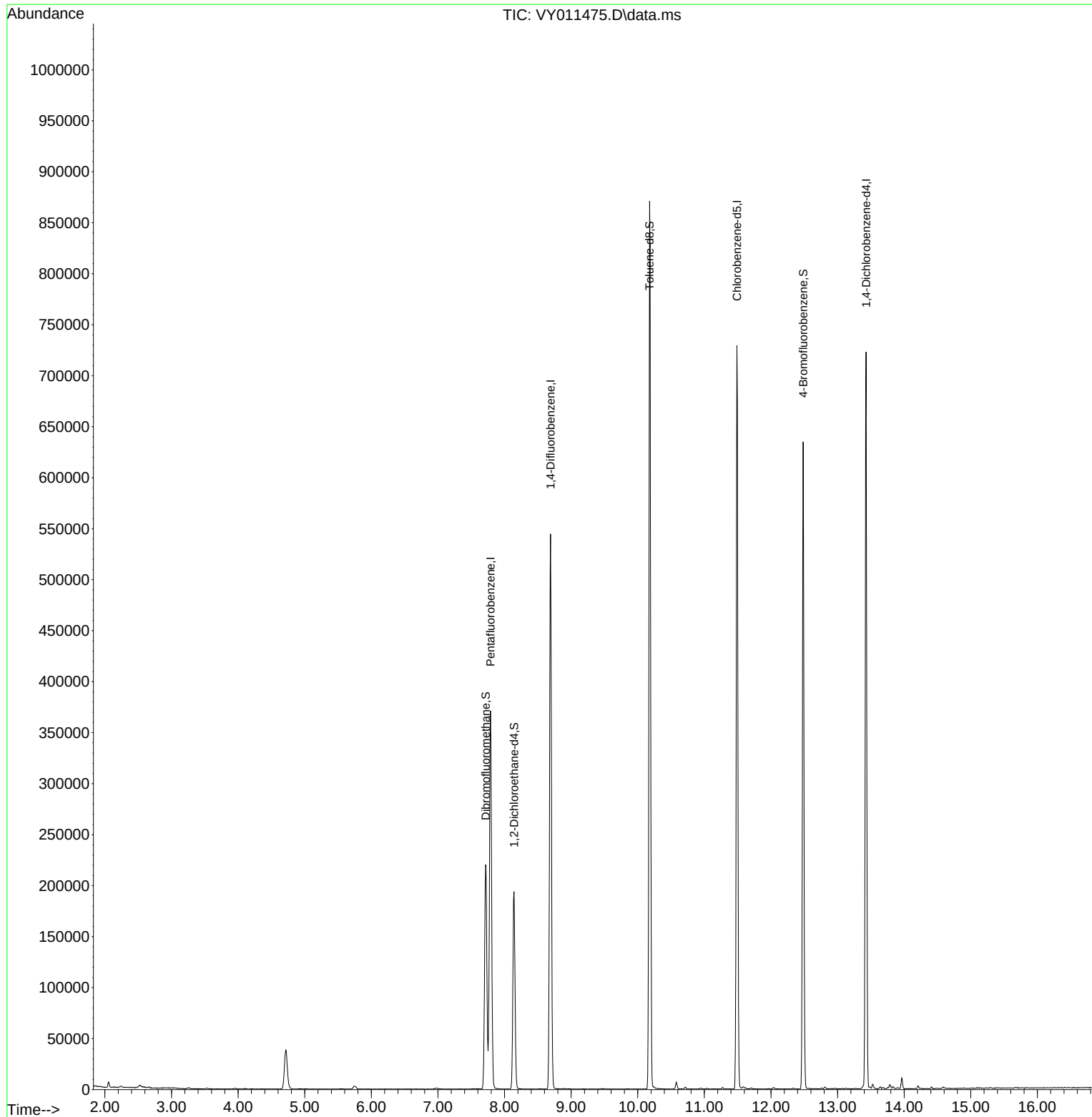
Target Compounds	Qvalue

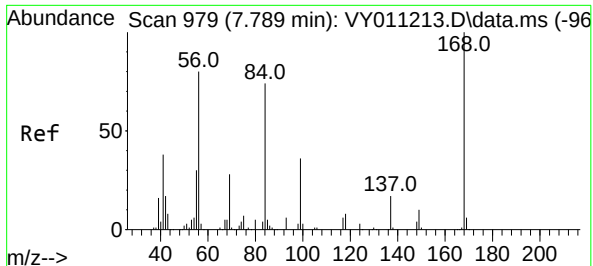
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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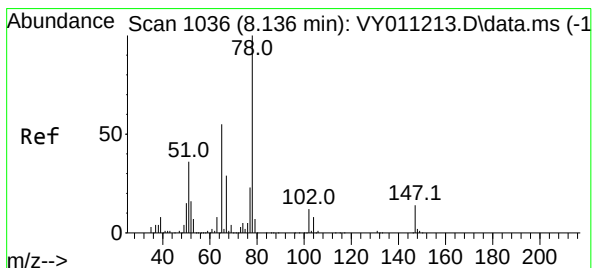
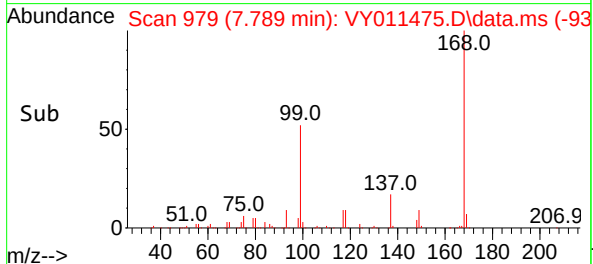
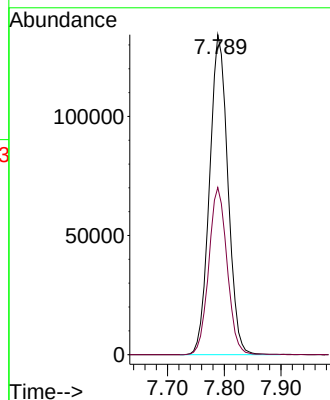
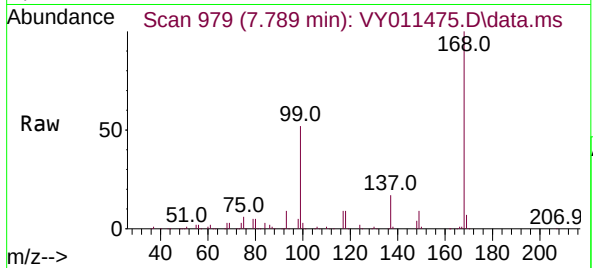




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011475.D
Acq: 16 Nov 2022 15:53

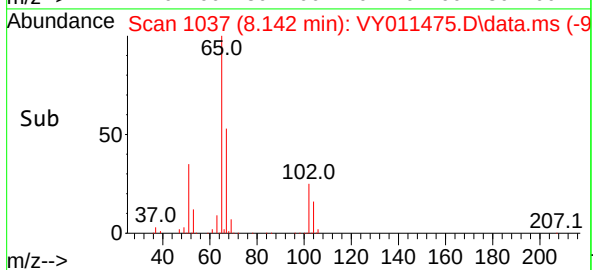
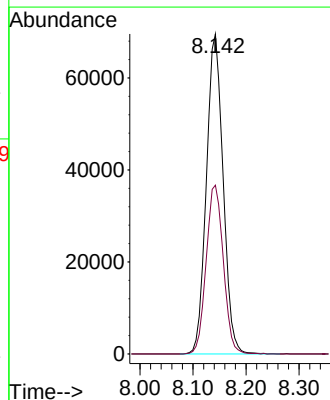
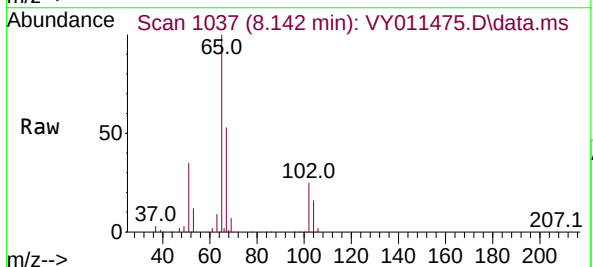
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-PILE-5

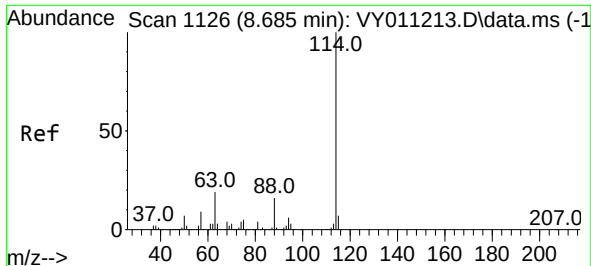
Tgt Ion:168 Resp: 301176
Ion Ratio Lower Upper
168 100
99 52.2 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 60.211 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY011475.D
Acq: 16 Nov 2022 15:53

Tgt Ion: 65 Resp: 151958
Ion Ratio Lower Upper
65 100
67 54.0 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: VY011475.D

Acq: 16 Nov 2022 15:53

Instrument :

MSVOA_Y

ClientSampleId :

SOIL-PILE-5

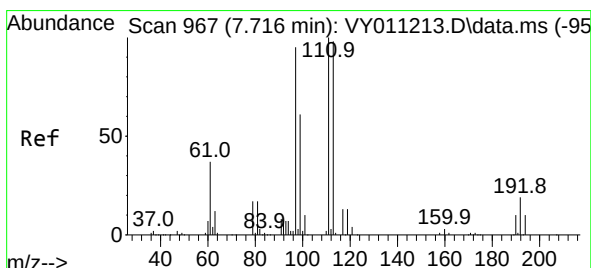
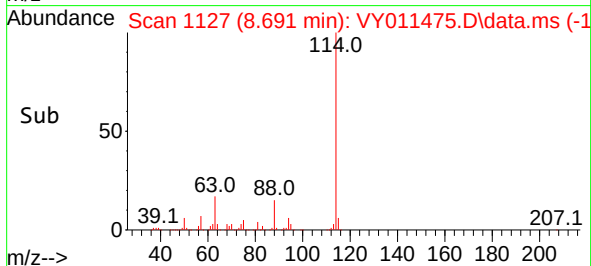
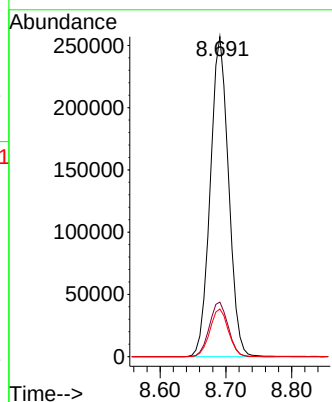
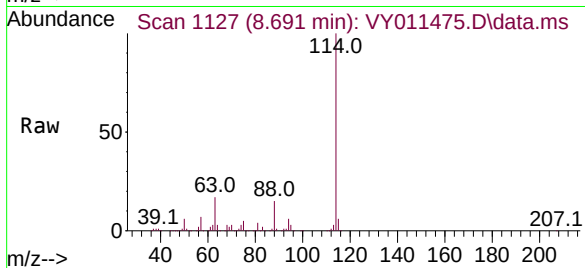
Tgt Ion:114 Resp: 494138

Ion Ratio Lower Upper

114 100

63 17.0 0.0 43.2

88 14.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 58.337 ug/l

RT: 7.715 min Scan# 967

Delta R.T. 0.005 min

Lab File: VY011475.D

Acq: 16 Nov 2022 15:53

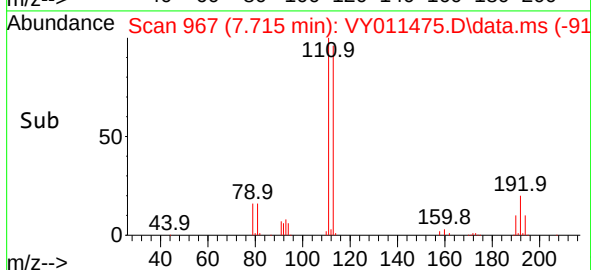
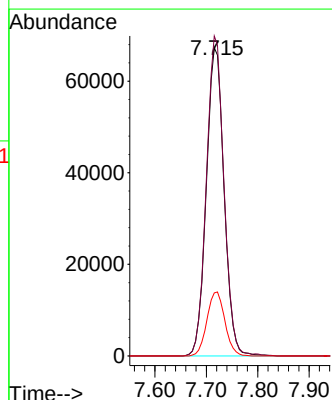
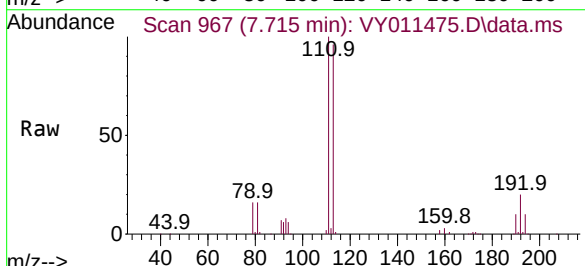
Tgt Ion:113 Resp: 161551

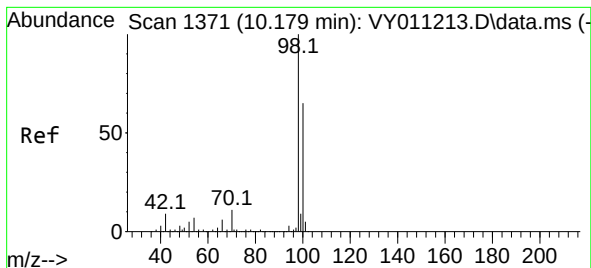
Ion Ratio Lower Upper

113 100

111 102.7 82.6 124.0

192 21.0 17.6 26.4

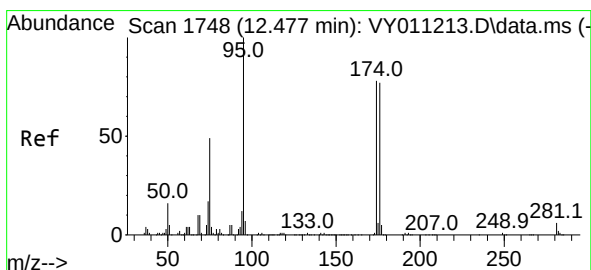
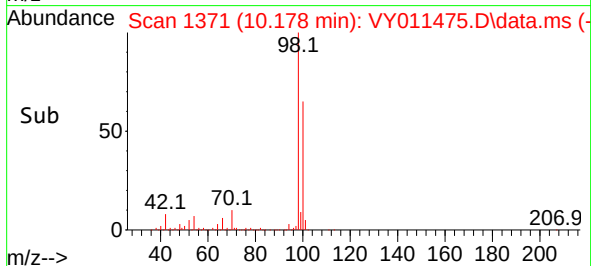
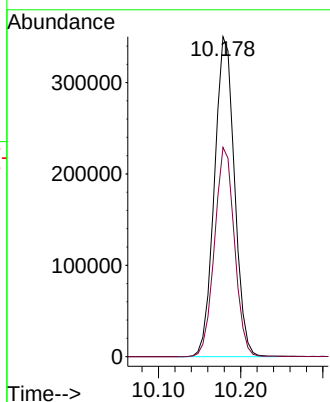
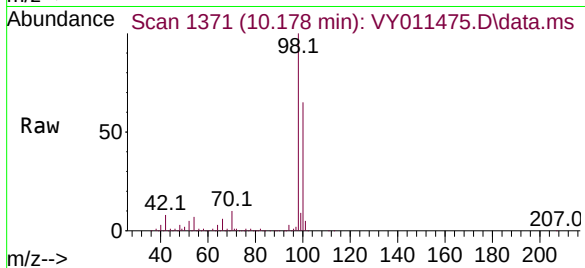




#50
Toluene-d8
Concen: 56.165 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.001 min
Lab File: VY011475.D
Acq: 16 Nov 2022 15:53

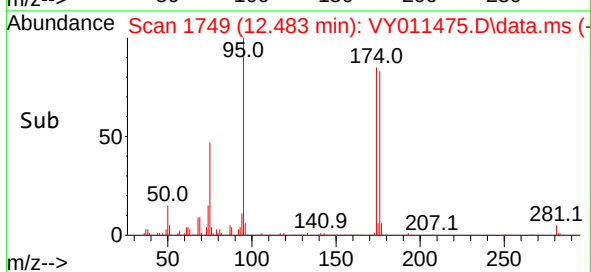
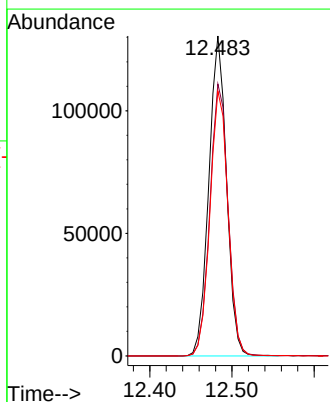
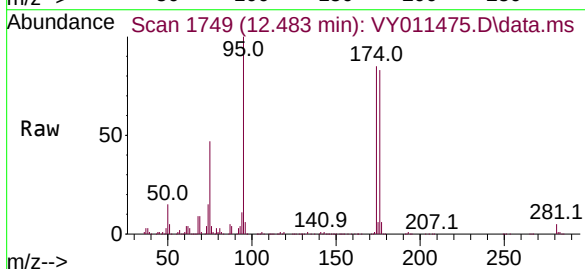
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-PILE-5

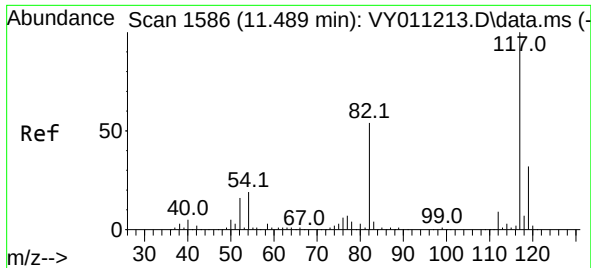
Tgt Ion: 98 Resp: 594195
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 52.913 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY011475.D
Acq: 16 Nov 2022 15:53

Tgt Ion: 95 Resp: 195251
Ion Ratio Lower Upper
95 100
174 87.5 0.0 177.0
176 84.8 0.0 175.8

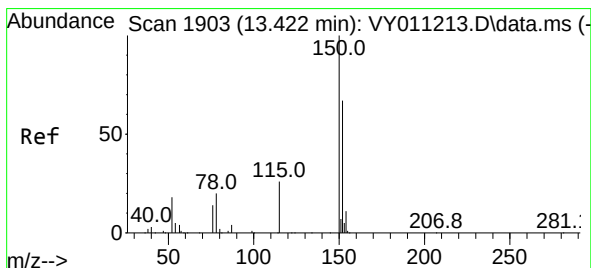
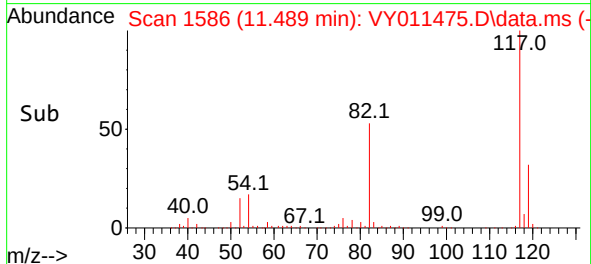
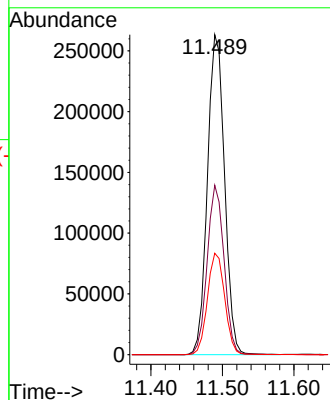
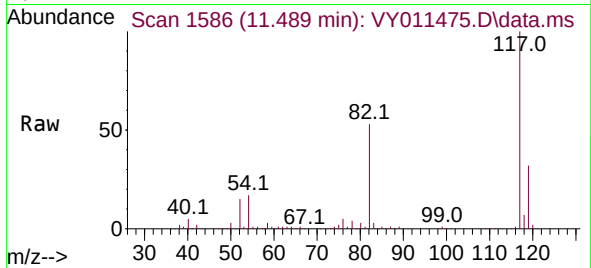




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY011475.D
Acq: 16 Nov 2022 15:53

Instrument :
MSVOA_Y
ClientSampleId :
SOIL-PILE-5

Tgt Ion:117 Resp: 437641
Ion Ratio Lower Upper
117 100
82 52.9 43.0 64.4
119 31.7 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: VY011475.D
Acq: 16 Nov 2022 15:53

Tgt Ion:152 Resp: 196445
Ion Ratio Lower Upper
152 100
115 57.1 28.2 84.7
150 158.4 0.0 347.6

