

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111622\
 Data File : VY011478.D
 Acq On : 16 Nov 2022 17:01
 Operator : KP/MD
 Sample : N5641-08
 Misc : 6.24g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SOIL-PILE-8

Quant Time: Nov 17 03:17:10 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	321535	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	528223	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	470800	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	210216	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	168510	62.542	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.080%
35) Dibromofluoromethane	7.716	113	178066	60.152	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	120.300%
50) Toluene-d8	10.179	98	652440	57.691	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	115.380%
62) 4-Bromofluorobenzene	12.483	95	214360	54.343	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	108.680%

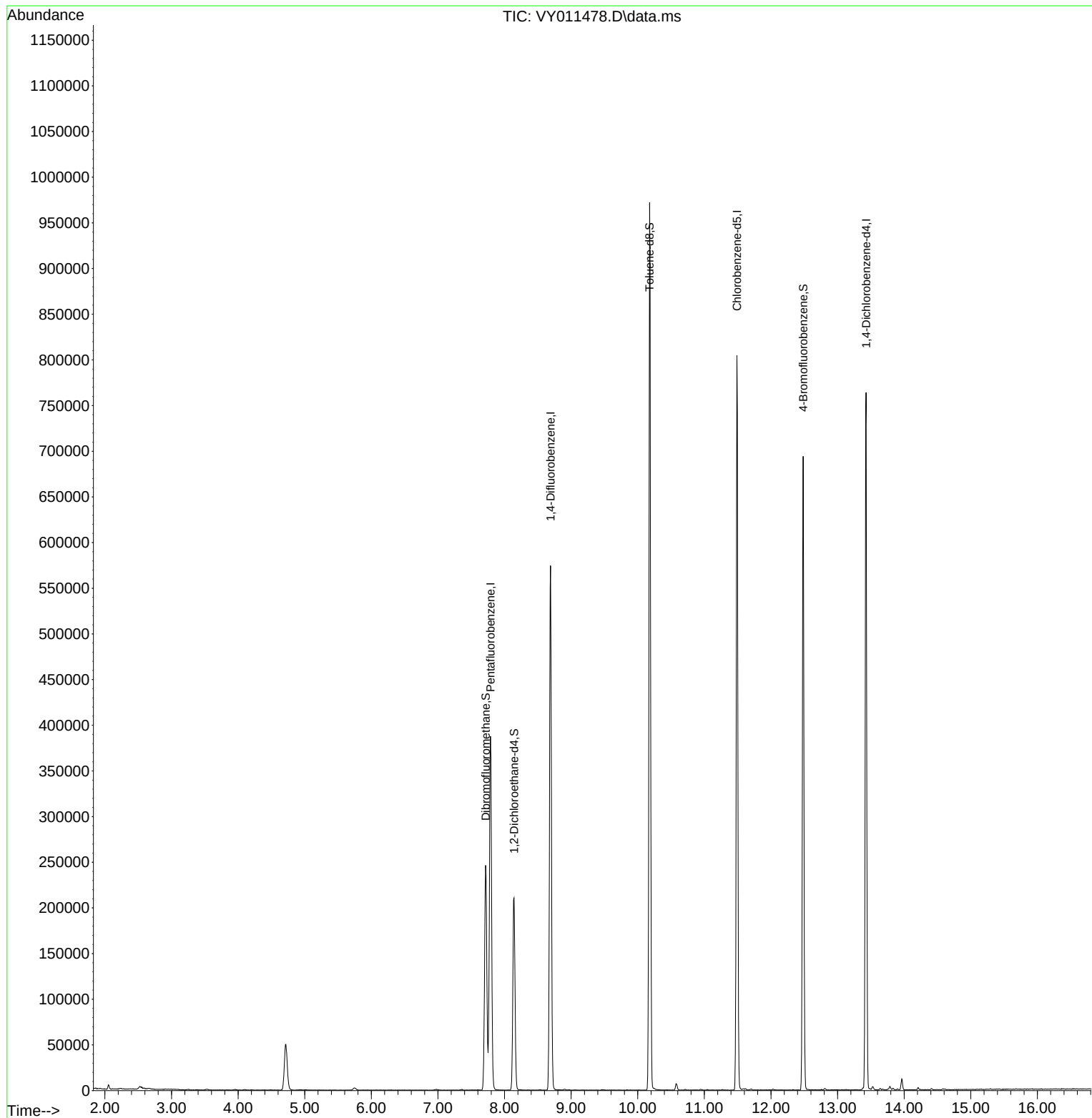
Target Compounds	Qvalue

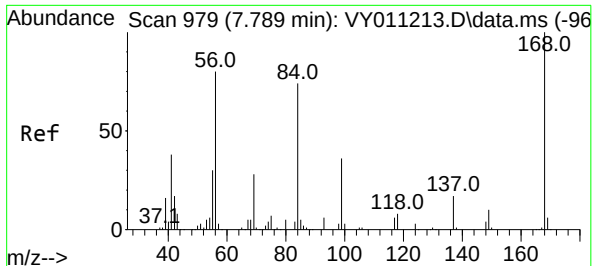
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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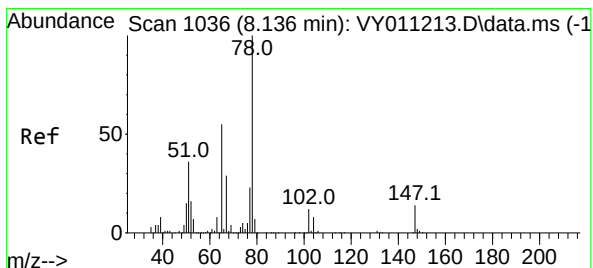
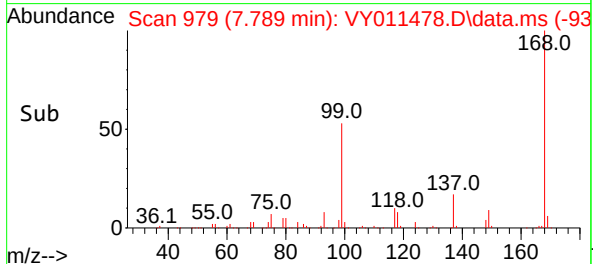
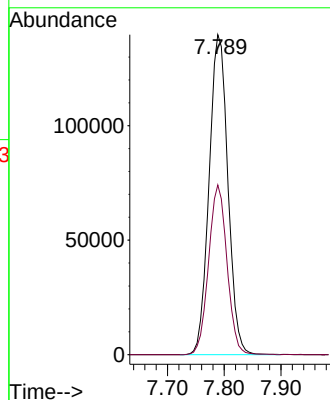
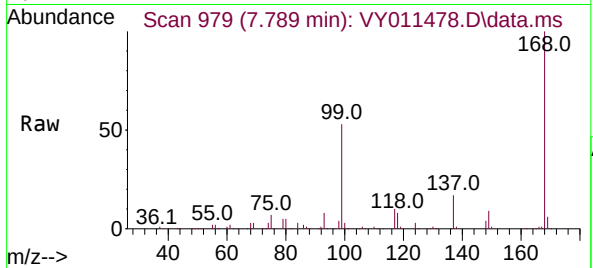




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011478.D
Acq: 16 Nov 2022 17:01

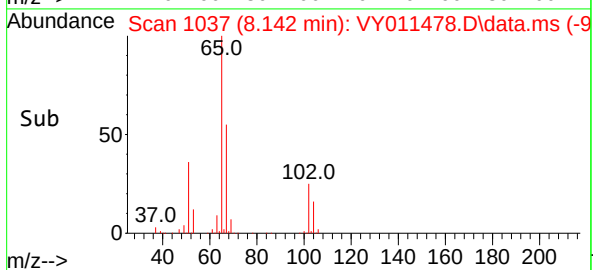
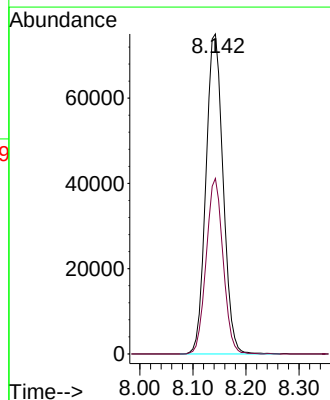
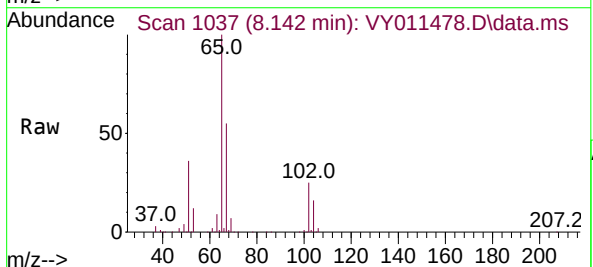
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-PILE-8

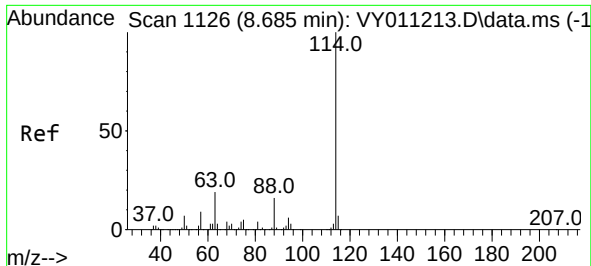
Tgt Ion:168 Resp: 321535
Ion Ratio Lower Upper
168 100
99 53.0 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 62.542 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY011478.D
Acq: 16 Nov 2022 17:01

Tgt Ion: 65 Resp: 168510
Ion Ratio Lower Upper
65 100
67 53.8 0.0 99.4

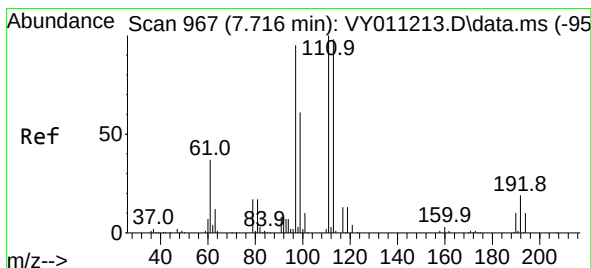
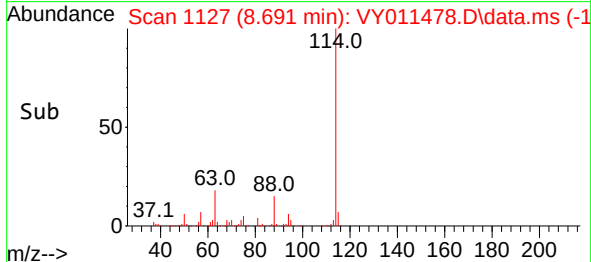
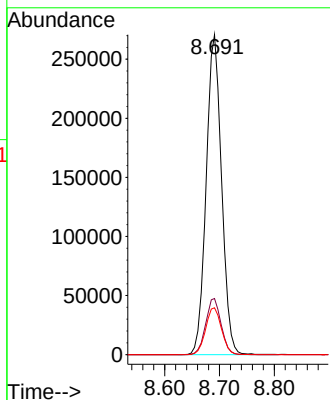
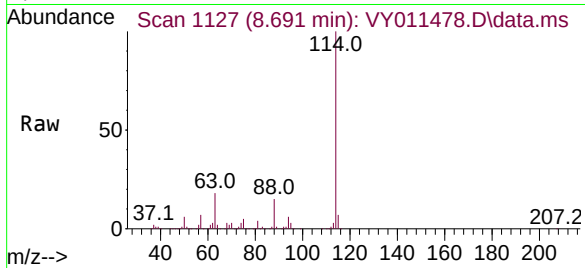




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VY011478.D
Acq: 16 Nov 2022 17:01

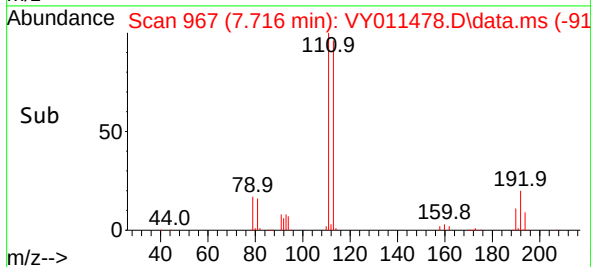
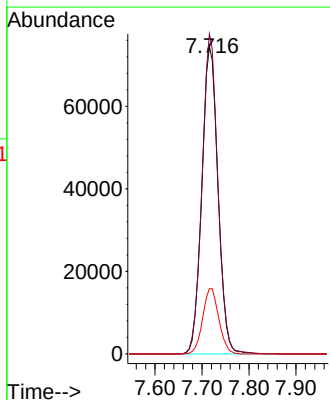
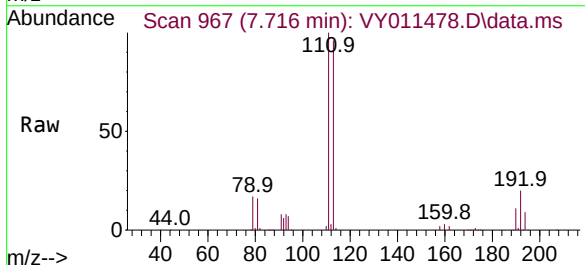
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-PILE-8

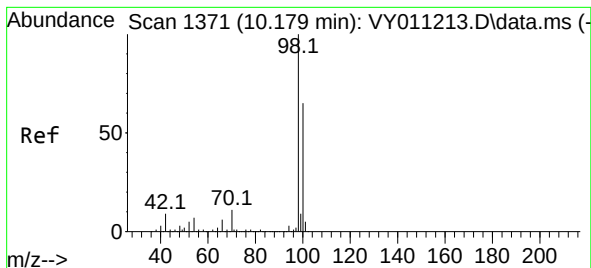
Tgt Ion:114 Resp: 528223
Ion Ratio Lower Upper
114 100
63 17.6 0.0 43.2
88 14.7 0.0 31.8



#35
Dibromofluoromethane
Concen: 60.152 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY011478.D
Acq: 16 Nov 2022 17:01

Tgt Ion:113 Resp: 178066
Ion Ratio Lower Upper
113 100
111 102.1 82.6 124.0
192 21.2 17.6 26.4

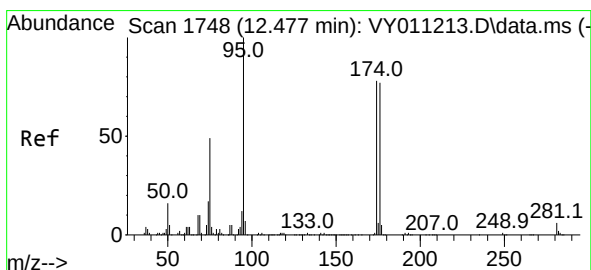
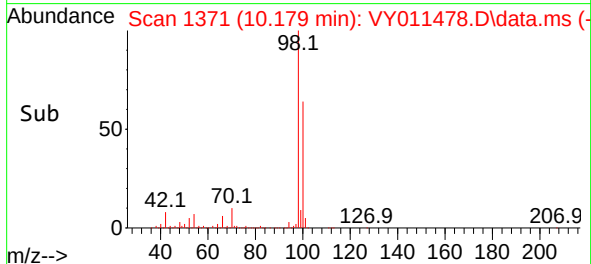
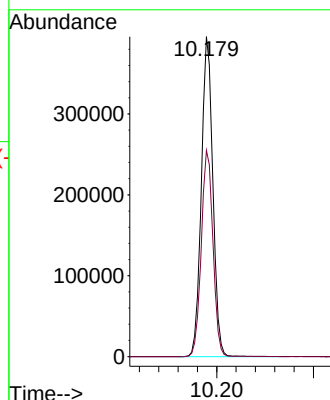
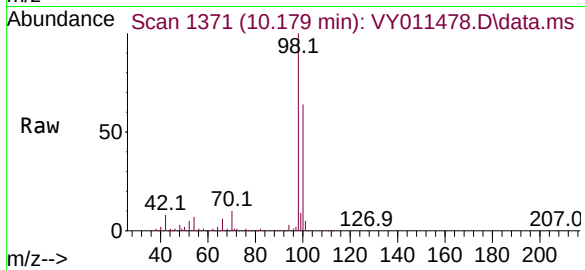




#50
Toluene-d8
Concen: 57.691 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.001 min
Lab File: VY011478.D
Acq: 16 Nov 2022 17:01

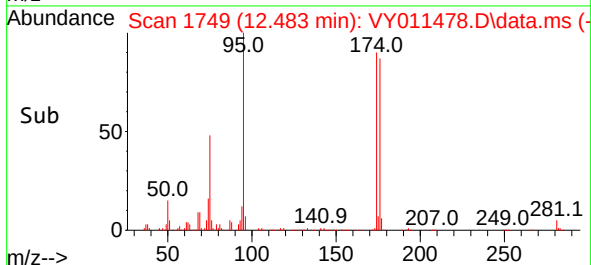
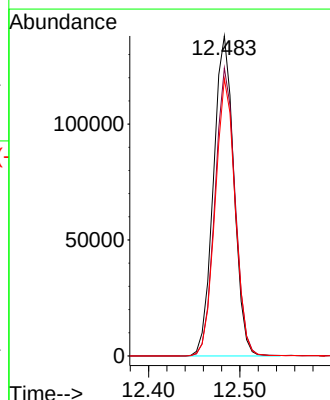
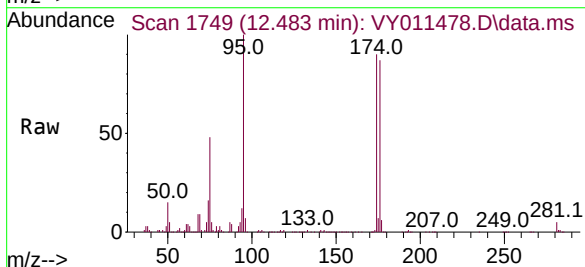
Instrument :
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SOIL-PILE-8

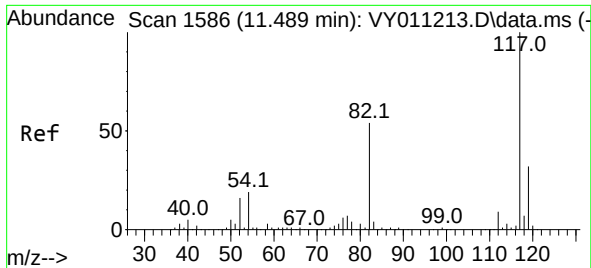
Tgt Ion: 98 Resp: 652440
Ion Ratio Lower Upper
98 100
100 65.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 54.343 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY011478.D
Acq: 16 Nov 2022 17:01

Tgt Ion: 95 Resp: 214360
Ion Ratio Lower Upper
95 100
174 88.6 0.0 177.0
176 85.1 0.0 175.8

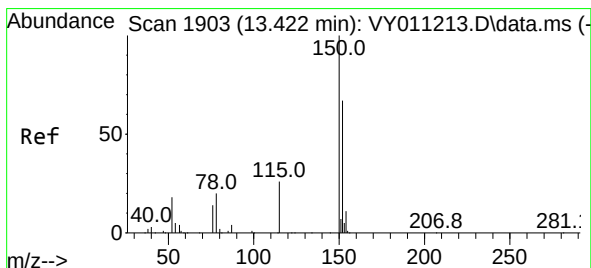
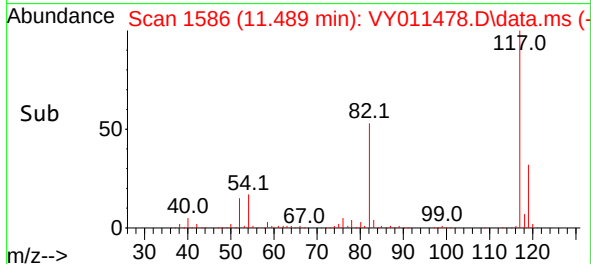
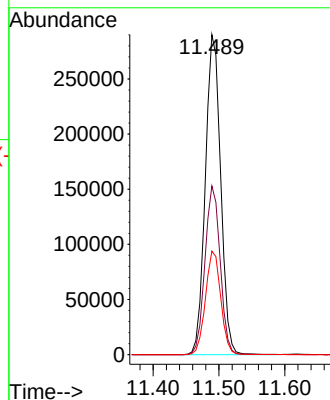
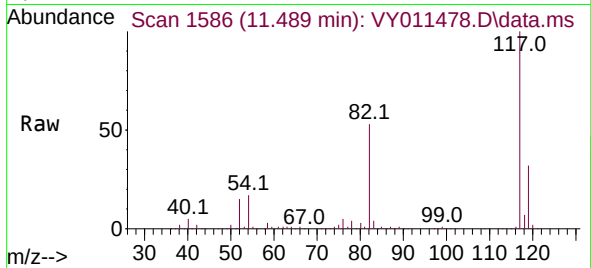




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY011478.D
Acq: 16 Nov 2022 17:01

Instrument :
MSVOA_Y
ClientSampleId :
SOIL-PILE-8

Tgt Ion:117 Resp: 470800
Ion Ratio Lower Upper
117 100
82 52.7 43.0 64.4
119 32.3 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: VY011478.D
Acq: 16 Nov 2022 17:01

Tgt Ion:152 Resp: 210216
Ion Ratio Lower Upper
152 100
115 57.1 28.2 84.7
150 156.9 0.0 347.6

