

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111622\
 Data File : VY011477.D
 Acq On : 16 Nov 2022 16:39
 Operator : KP/MD
 Sample : N5641-07
 Misc : 7.71g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SOIL-PILE-7

Quant Time: Nov 17 03:17:02 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	304524	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	499187	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	437400	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	182455	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	157107	61.567	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.140%
35) Dibromofluoromethane	7.716	113	165804	59.267	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	118.540%
50) Toluene-d8	10.179	98	586794	54.905	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.800%
62) 4-Bromofluorobenzene	12.483	95	187786	50.376	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.760%

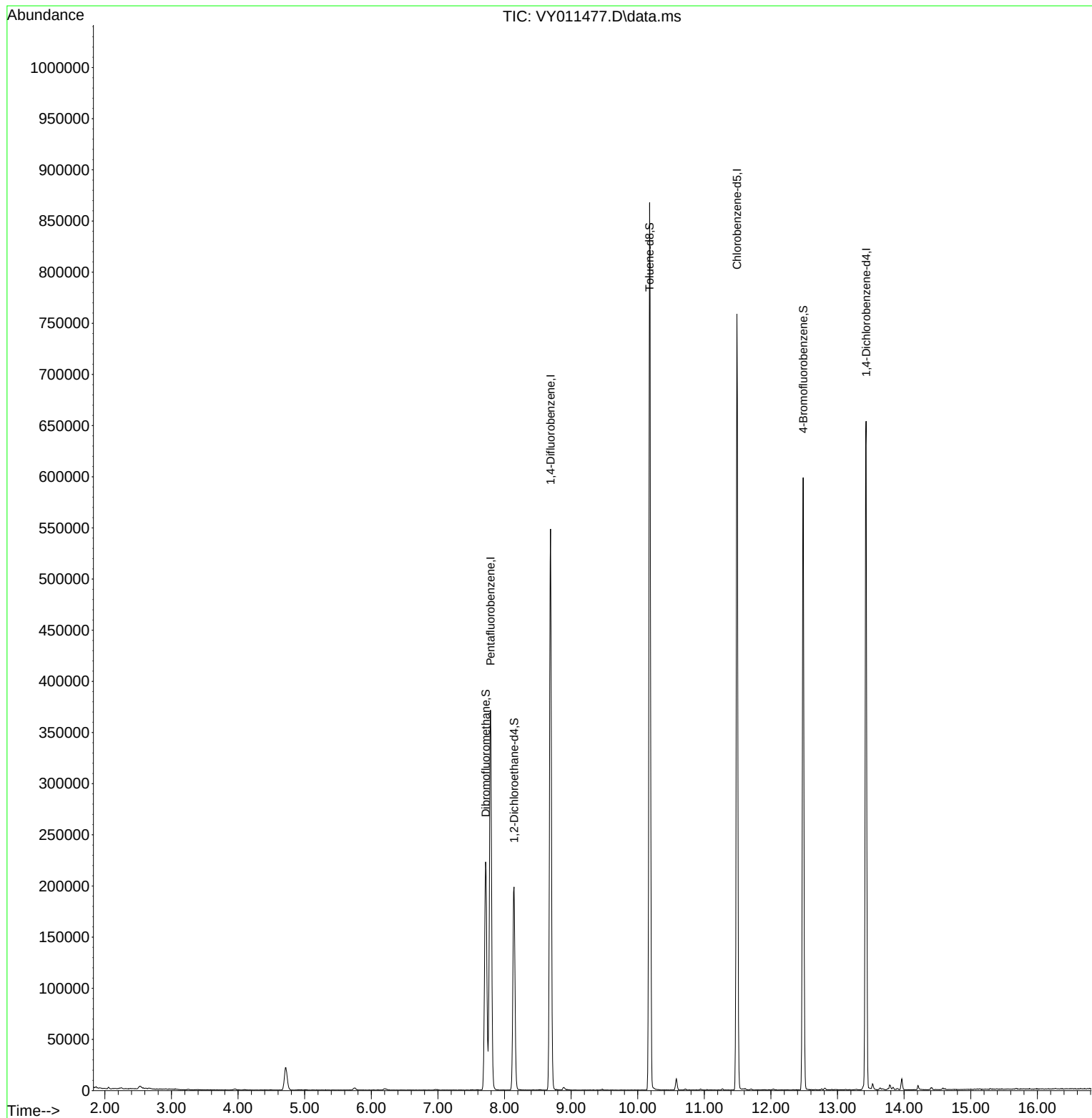
Target Compounds	Qvalue

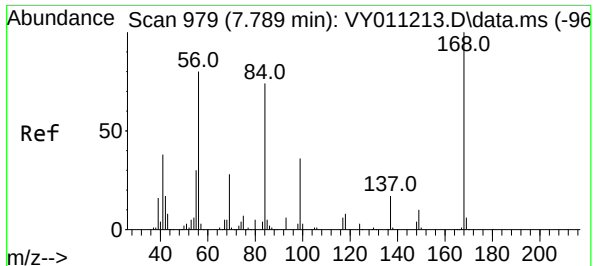
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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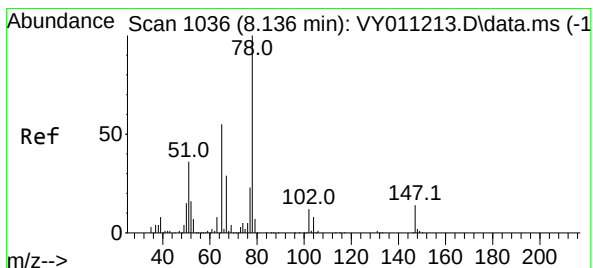
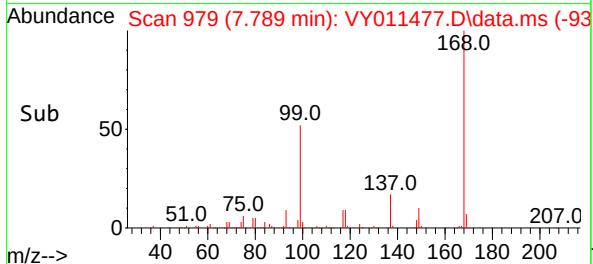
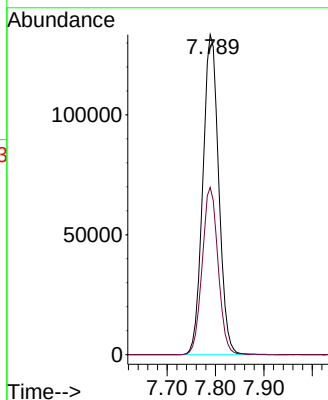
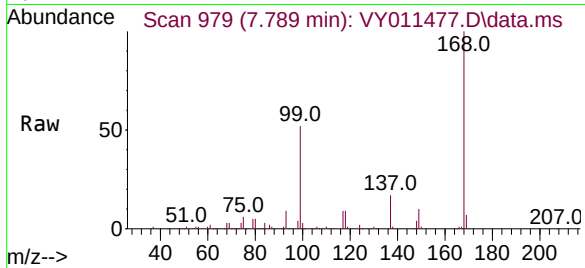




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011477.D
Acq: 16 Nov 2022 16:39

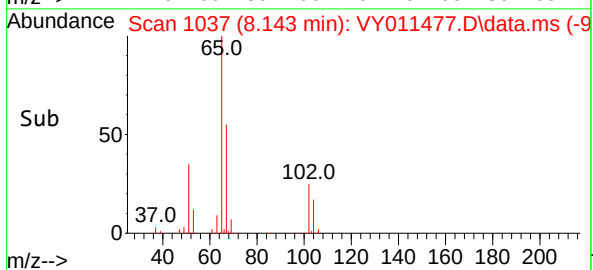
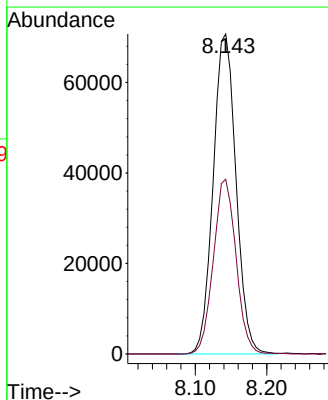
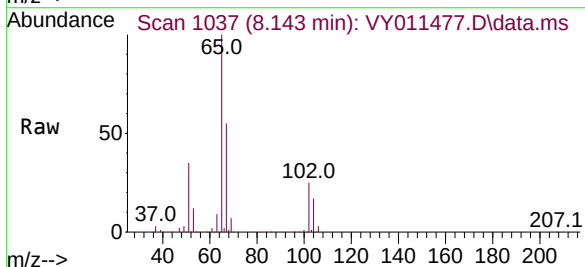
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-PILE-7

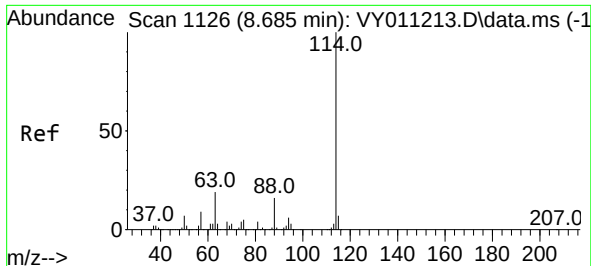
Tgt Ion:168 Resp: 304524
Ion Ratio Lower Upper
168 100
99 52.2 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 61.567 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY011477.D
Acq: 16 Nov 2022 16:39

Tgt Ion: 65 Resp: 157107
Ion Ratio Lower Upper
65 100
67 54.1 0.0 99.4

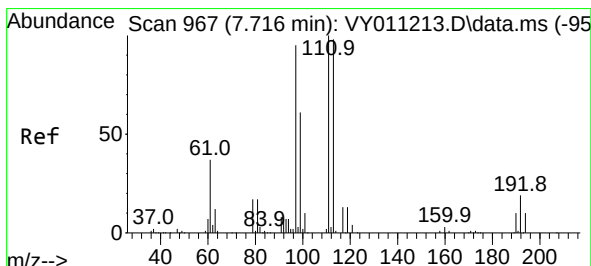
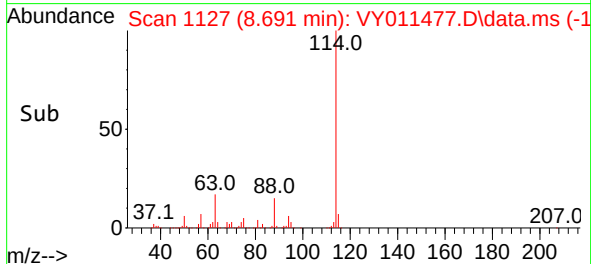
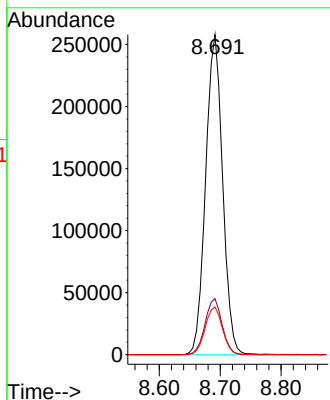
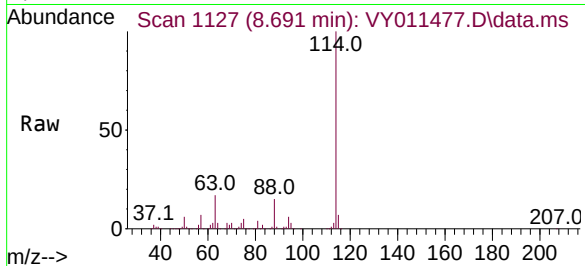




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VY011477.D
Acq: 16 Nov 2022 16:39

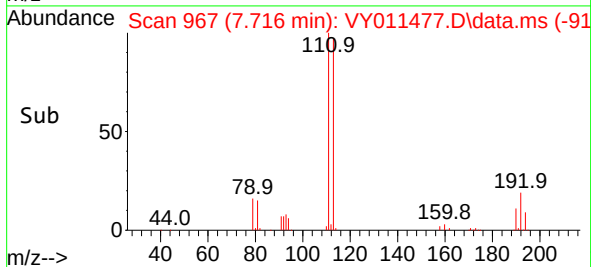
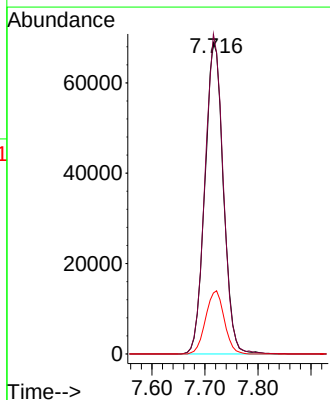
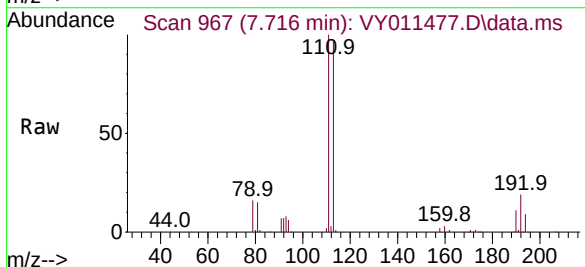
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SOIL-PILE-7

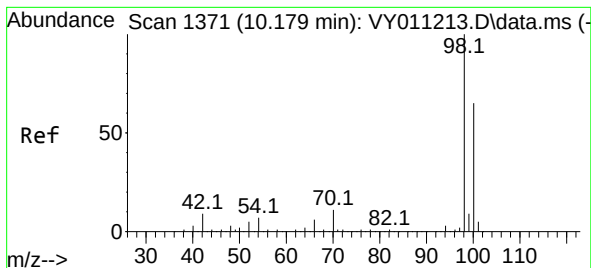
Tgt Ion:114 Resp: 499187
Ion Ratio Lower Upper
114 100
63 17.5 0.0 43.2
88 14.9 0.0 31.8



#35
Dibromofluoromethane
Concen: 59.267 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY011477.D
Acq: 16 Nov 2022 16:39

Tgt Ion:113 Resp: 165804
Ion Ratio Lower Upper
113 100
111 101.2 82.6 124.0
192 20.4 17.6 26.4

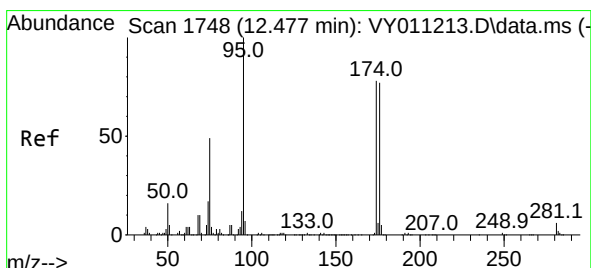
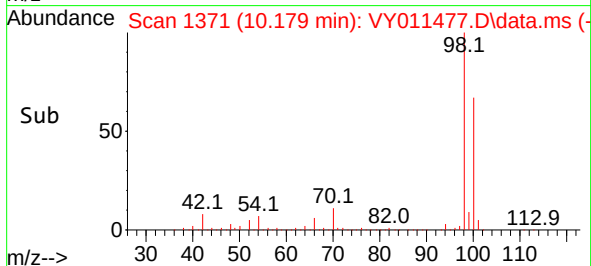
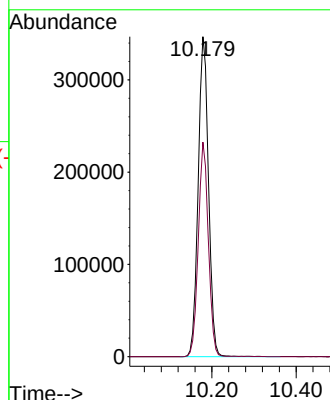
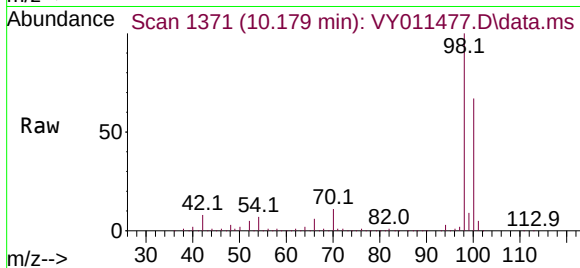




#50
Toluene-d8
Concen: 54.905 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011477.D
Acq: 16 Nov 2022 16:39

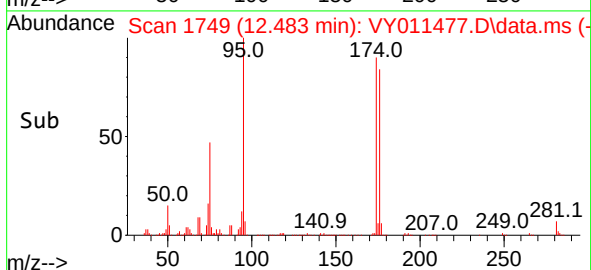
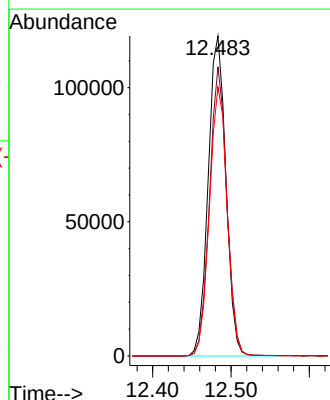
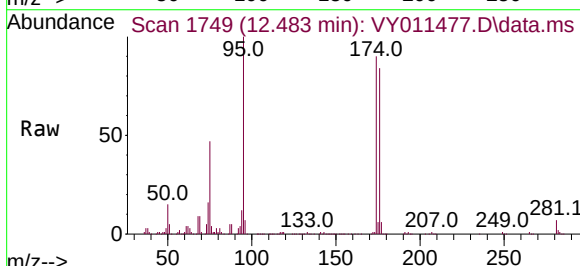
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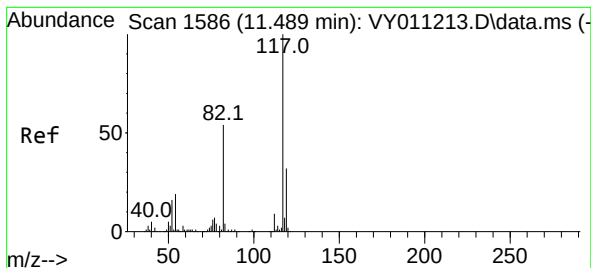
Tgt Ion: 98 Resp: 586794
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 50.376 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011477.D
Acq: 16 Nov 2022 16:39

Tgt Ion: 95 Resp: 187786
Ion Ratio Lower Upper
95 100
174 88.6 0.0 177.0
176 83.9 0.0 175.8

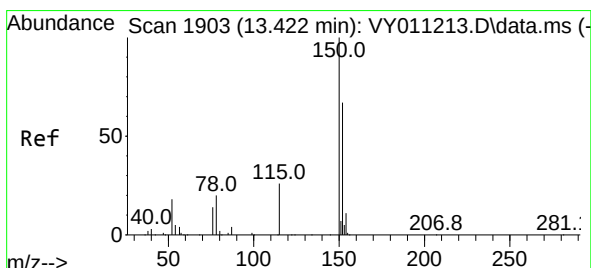
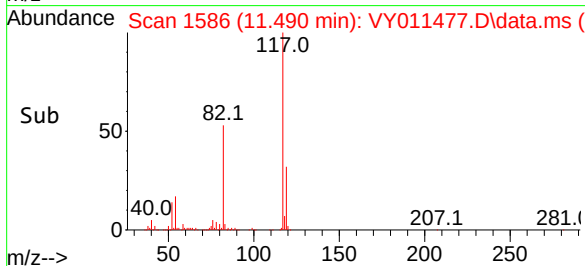
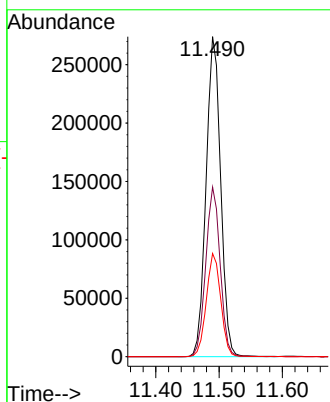
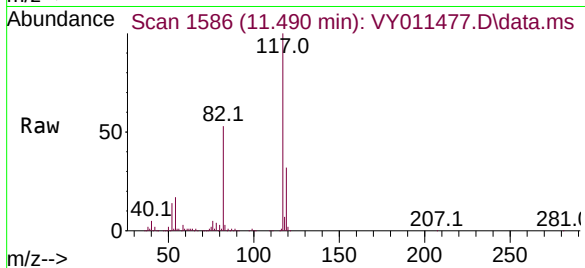




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011477.D
Acq: 16 Nov 2022 16:39

Instrument :
MSVOA_Y
ClientSampleId :
SOIL-PILE-7

Tgt Ion:117 Resp: 437400
Ion Ratio Lower Upper
117 100
82 53.0 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: VY011477.D
Acq: 16 Nov 2022 16:39

Tgt Ion:152 Resp: 182455
Ion Ratio Lower Upper
152 100
115 57.2 28.2 84.7
150 157.9 0.0 347.6

