

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111622\
 Data File : VY011484.D
 Acq On : 16 Nov 2022 19:23
 Operator : KP/MD
 Sample : N5641-14
 Misc : 6.51g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SOIL-PILE-14

Quant Time: Nov 17 03:17:58 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	253736	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	461235	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	446468	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	201468	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	145328	68.350	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	136.700%
35) Dibromofluoromethane	7.716	113	144810	56.022	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.040%
50) Toluene-d8	10.179	98	547513	55.445	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.880%
62) 4-Bromofluorobenzene	12.483	95	180690	52.461	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.920%

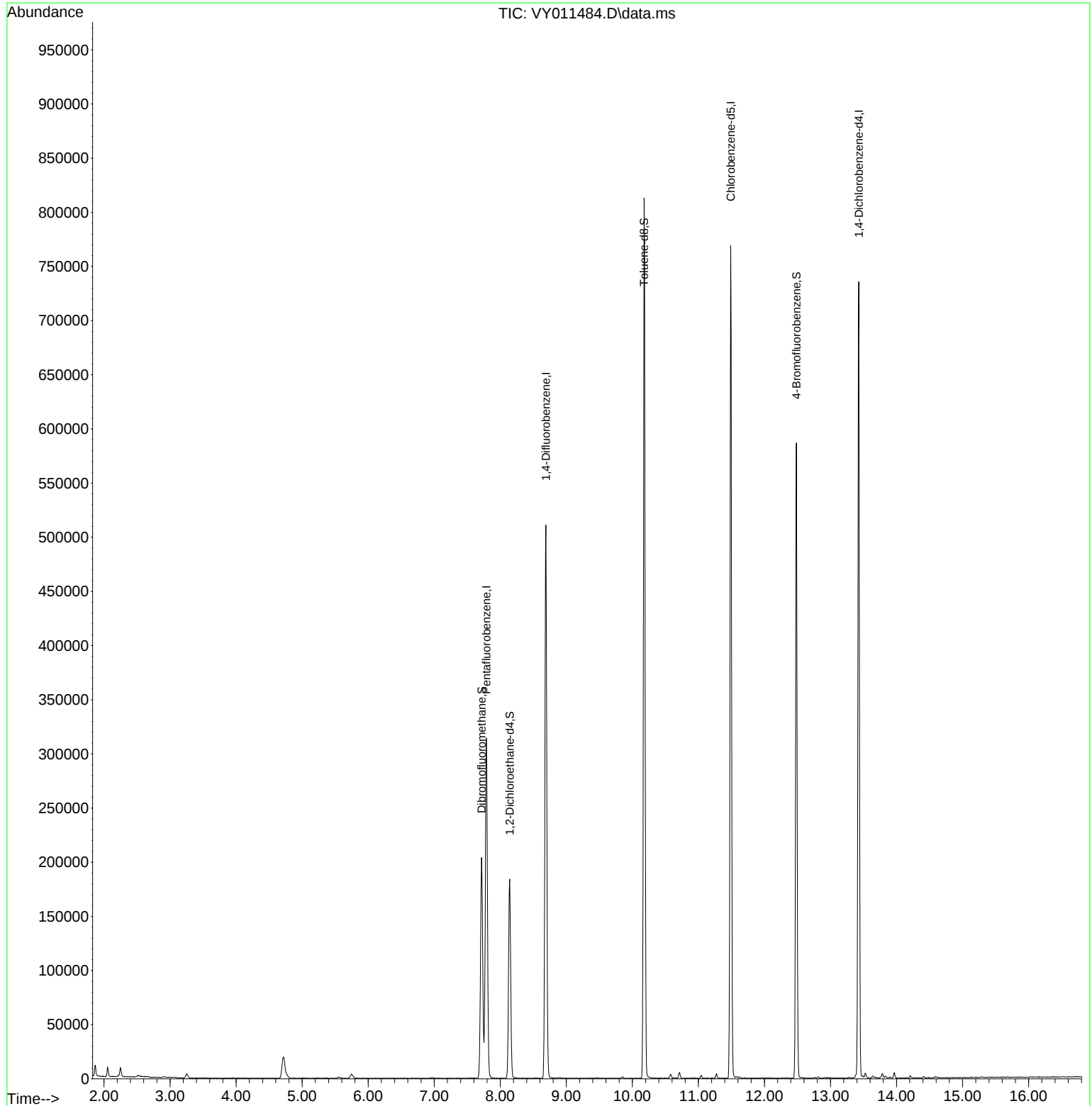
Target Compounds Qvalue

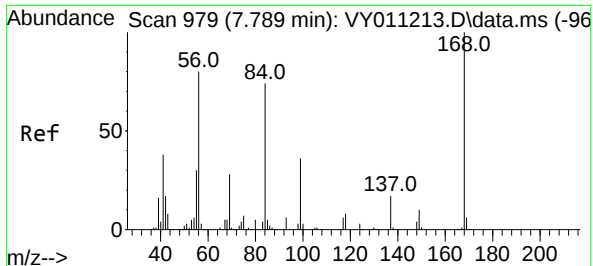
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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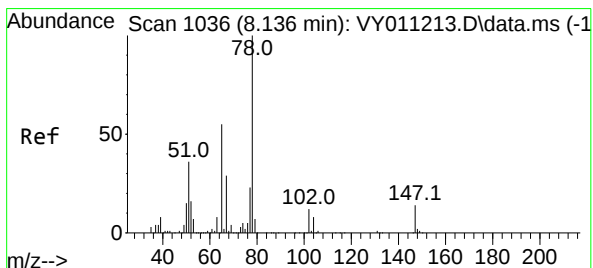
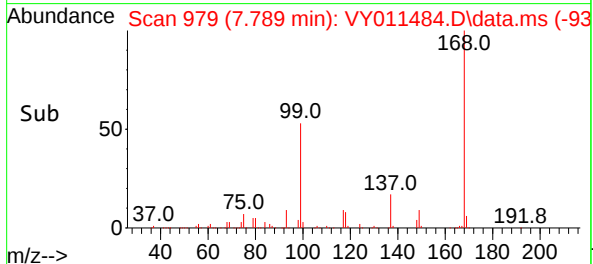
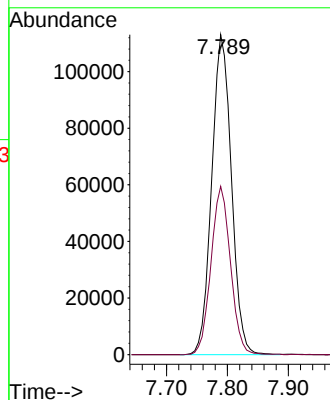
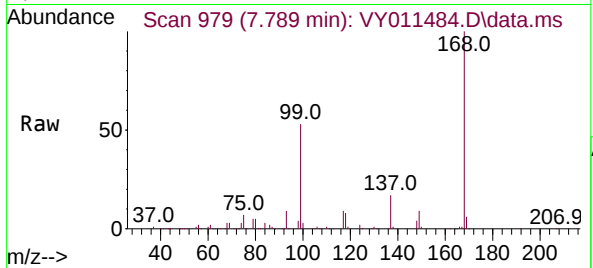




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011484.D
Acq: 16 Nov 2022 19:23

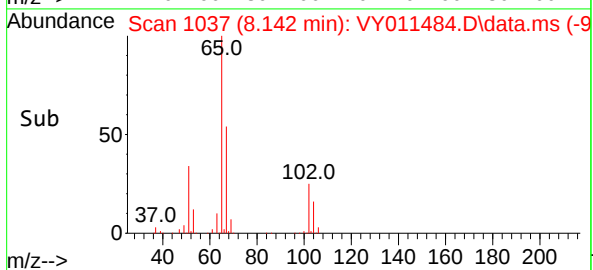
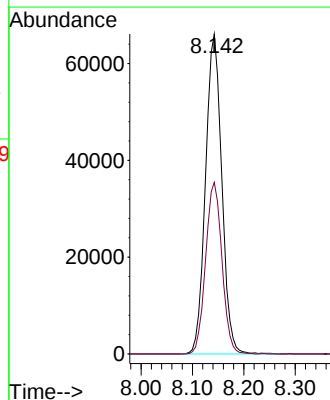
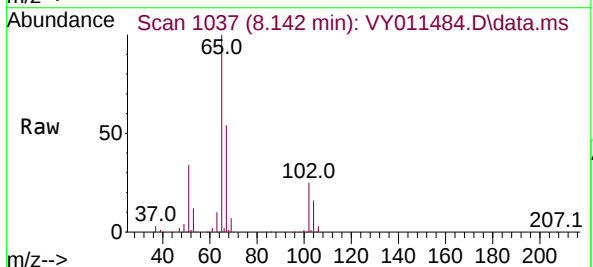
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-PILE-14

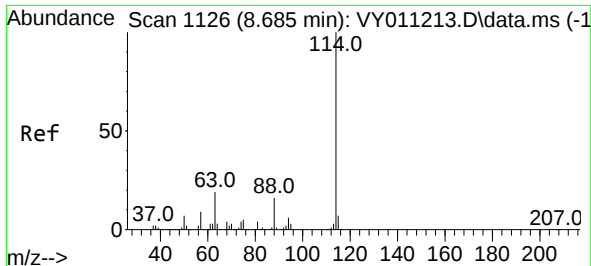
Tgt Ion:168 Resp: 253736
Ion Ratio Lower Upper
168 100
99 52.6 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 68.350 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY011484.D
Acq: 16 Nov 2022 19:23

Tgt Ion: 65 Resp: 145328
Ion Ratio Lower Upper
65 100
67 53.7 0.0 99.4

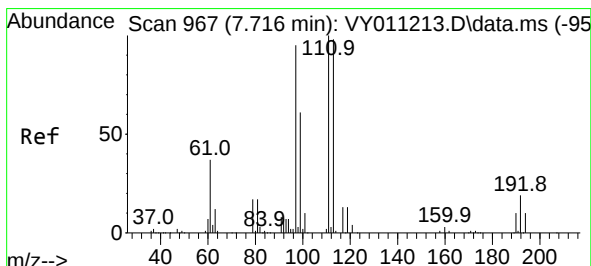
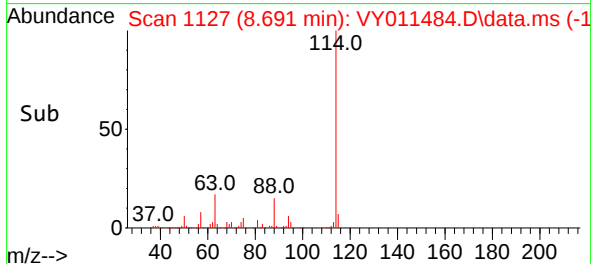
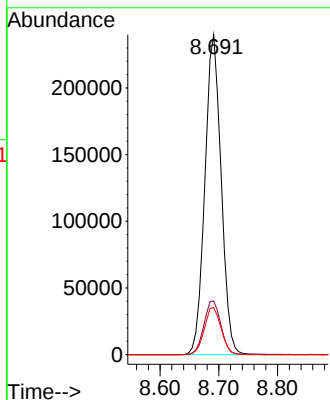
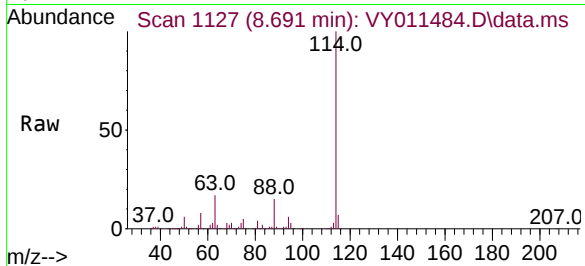




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VY011484.D
Acq: 16 Nov 2022 19:23

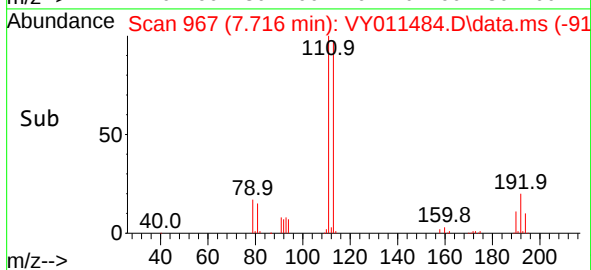
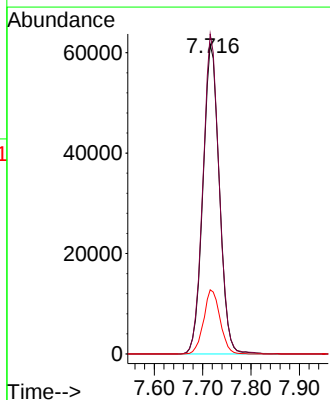
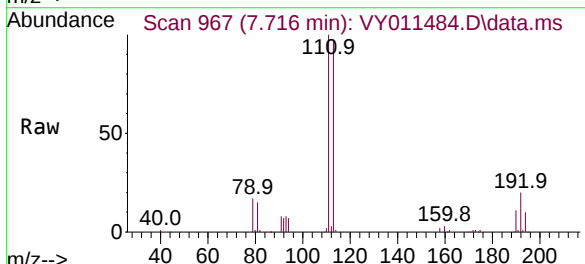
Instrument :
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ClientSampleId :
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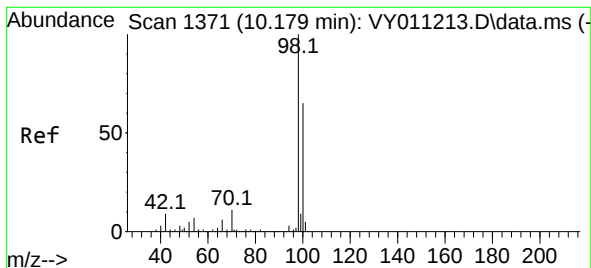
Tgt Ion:114 Resp: 461235
Ion Ratio Lower Upper
114 100
63 16.8 0.0 43.2
88 14.7 0.0 31.8



#35
Dibromofluoromethane
Concen: 56.022 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY011484.D
Acq: 16 Nov 2022 19:23

Tgt Ion:113 Resp: 144810
Ion Ratio Lower Upper
113 100
111 102.3 82.6 124.0
192 20.7 17.6 26.4

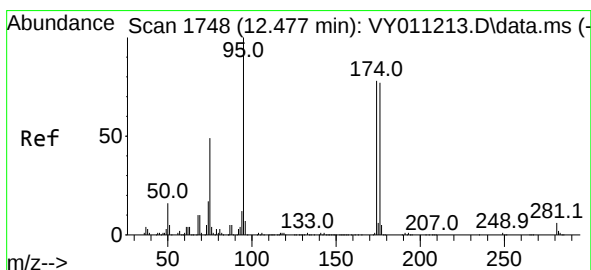
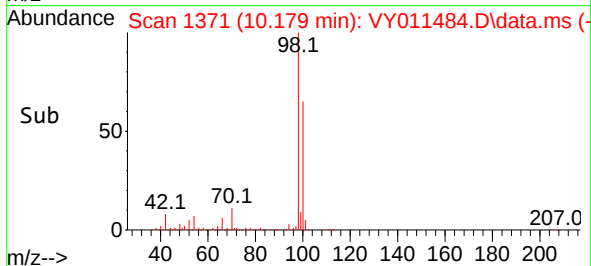
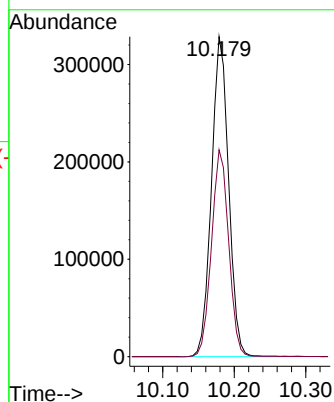
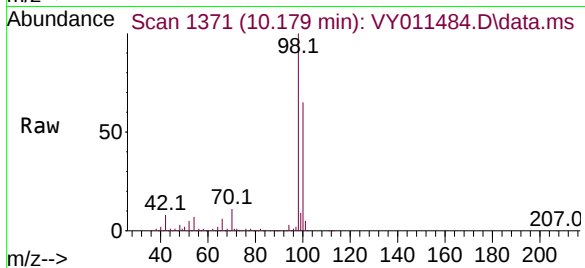




#50
Toluene-d8
Concen: 55.445 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011484.D
Acq: 16 Nov 2022 19:23

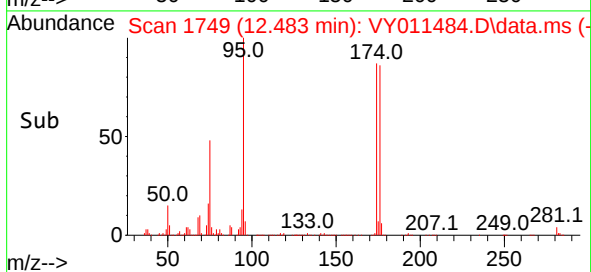
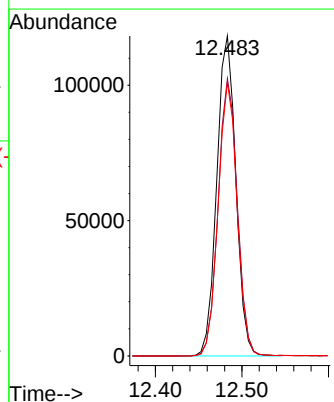
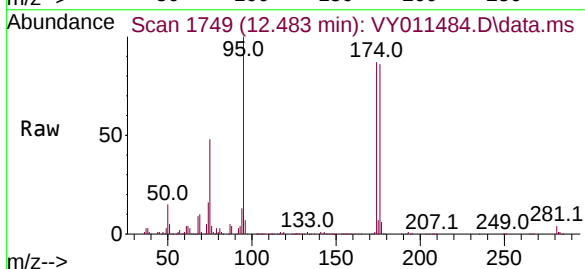
Instrument :
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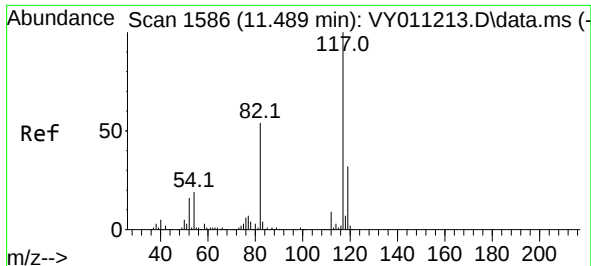
Tgt Ion: 98 Resp: 547513
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 52.461 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011484.D
Acq: 16 Nov 2022 19:23

Tgt Ion: 95 Resp: 180690
Ion Ratio Lower Upper
95 100
174 87.5 0.0 177.0
176 85.3 0.0 175.8

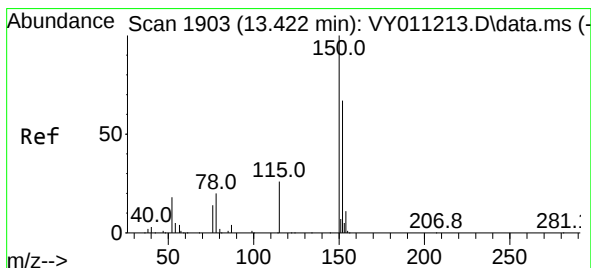
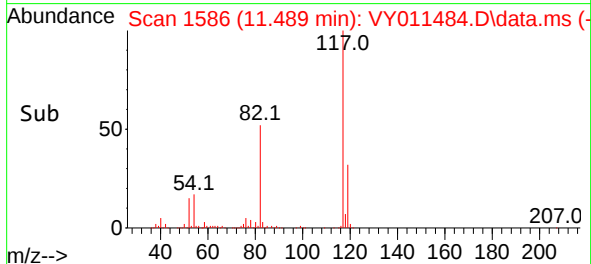
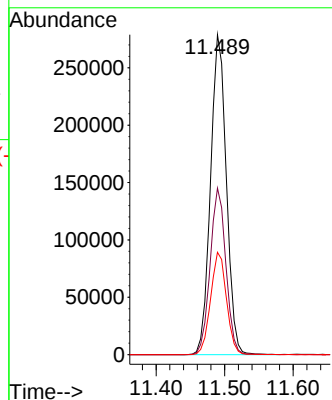
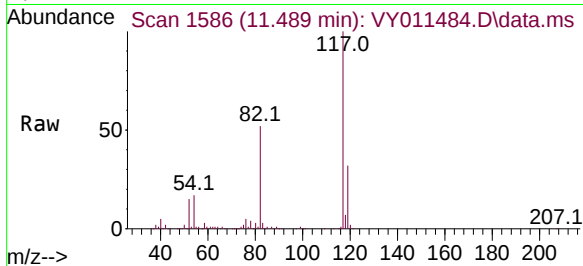




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY011484.D
Acq: 16 Nov 2022 19:23

Instrument :
MSVOA_Y
ClientSampleId :
SOIL-PILE-14

Tgt Ion:117 Resp: 446468
Ion Ratio Lower Upper
117 100
82 52.0 43.0 64.4
119 32.0 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: VY011484.D
Acq: 16 Nov 2022 19:23

Tgt Ion:152 Resp: 201468
Ion Ratio Lower Upper
152 100
115 56.6 28.2 84.7
150 157.2 0.0 347.6

