

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111822\
 Data File : VY011504.D
 Acq On : 18 Nov 2022 16:14
 Operator : KP/MD
 Sample : N5641-03
 Misc : 7.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SOIL-PILE-3

Quant Time: Nov 19 22:41:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.795	168	198027	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	367262	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	345526	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	152265	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	139508	69.381	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	138.760%
35) Dibromofluoromethane	7.722	113	119413	52.818	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.640%
50) Toluene-d8	10.185	98	445445	54.219	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.440%
62) 4-Bromofluorobenzene	12.483	95	143343	47.190	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.380%

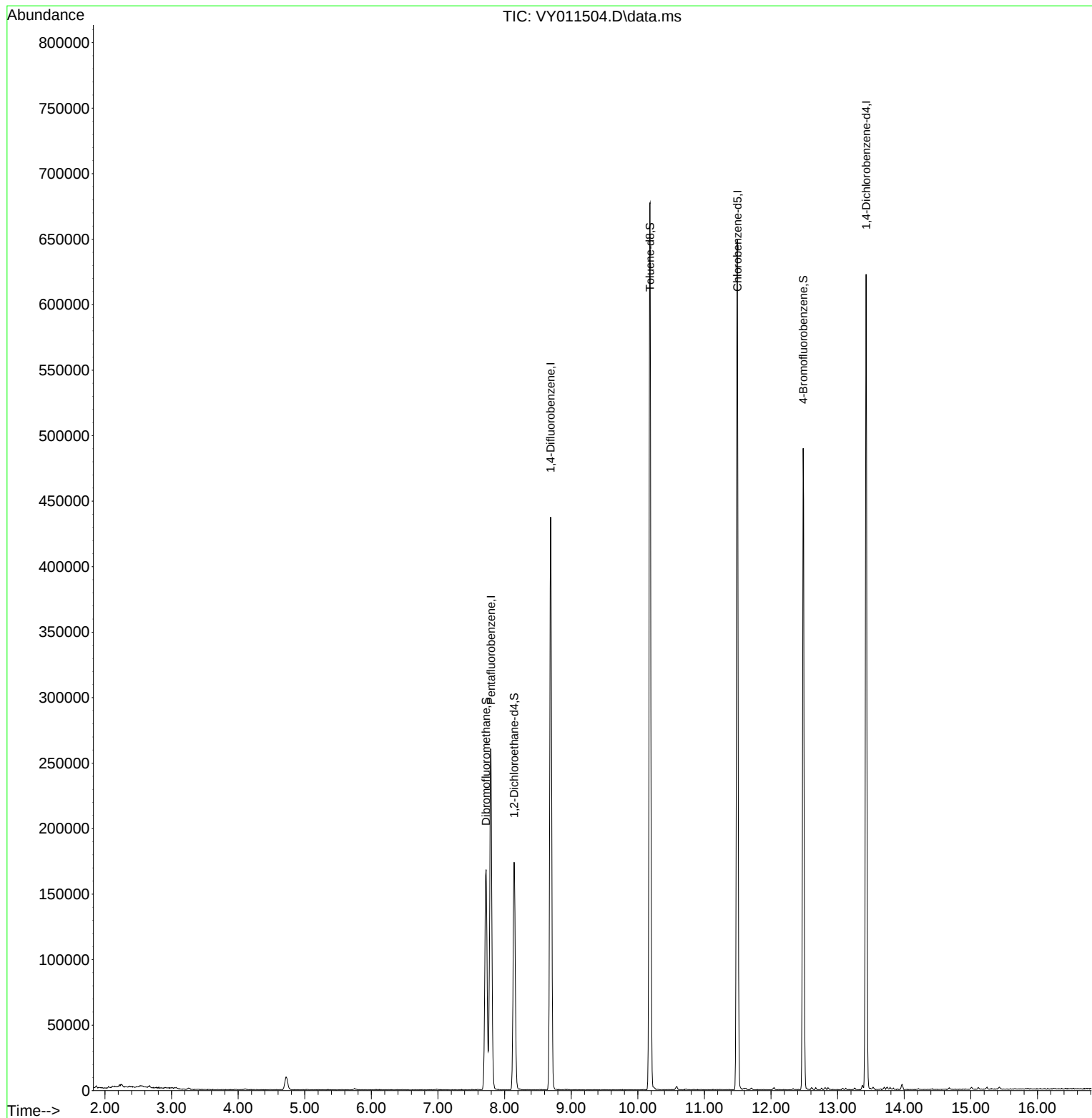
Target Compounds	Qvalue

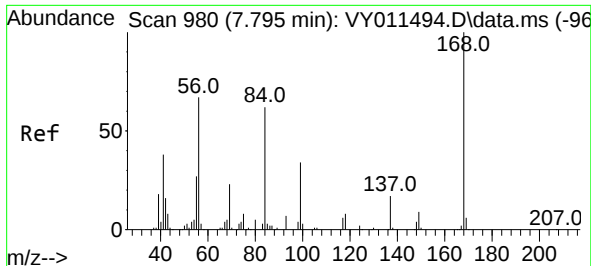
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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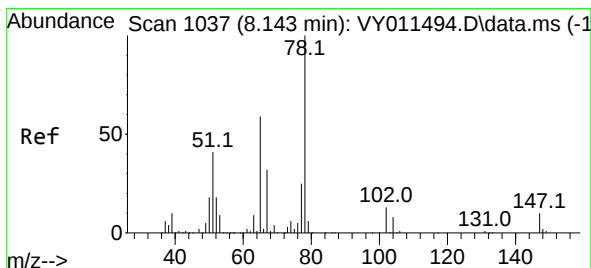
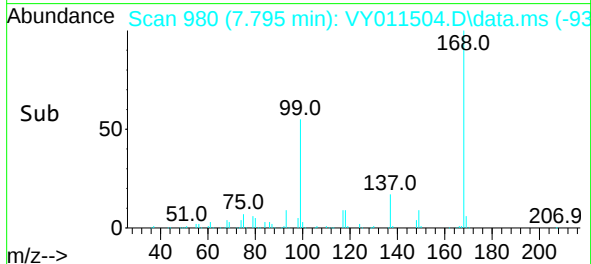
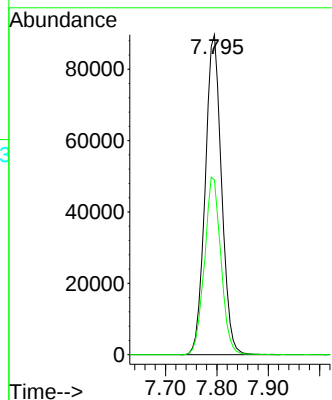
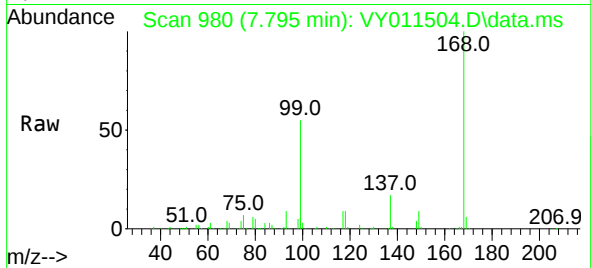




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY011504.D
Acq: 18 Nov 2022 16:14

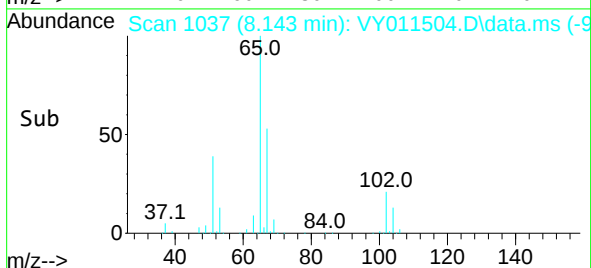
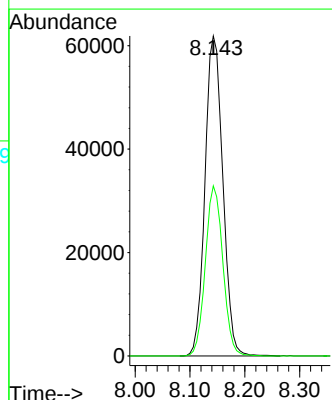
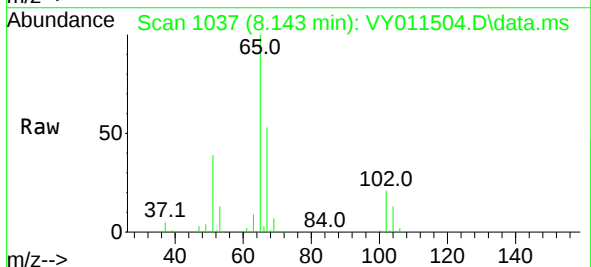
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-PILE-3

Tgt Ion:168 Resp: 198027
Ion Ratio Lower Upper
168 100
99 54.6 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 69.381 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY011504.D
Acq: 18 Nov 2022 16:14

Tgt Ion: 65 Resp: 139508
Ion Ratio Lower Upper
65 100
67 52.3 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011504.D

Acq: 18 Nov 2022 16:14

Instrument :

MSVOA_Y

ClientSampleId :

SOIL-PILE-3

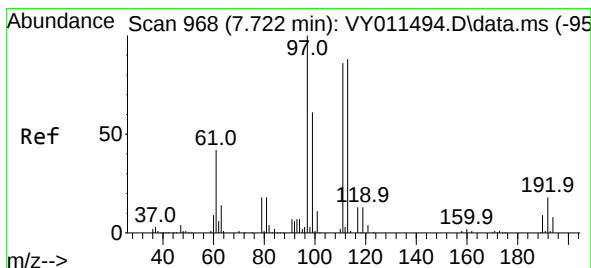
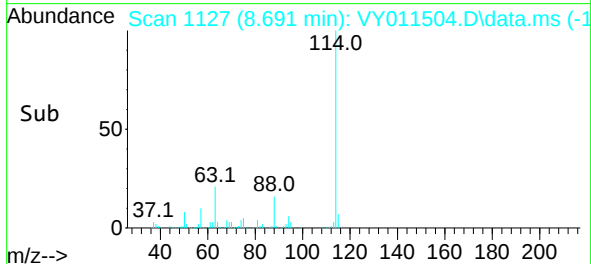
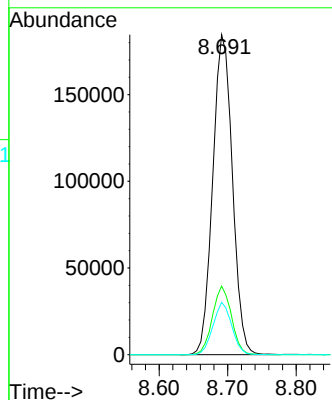
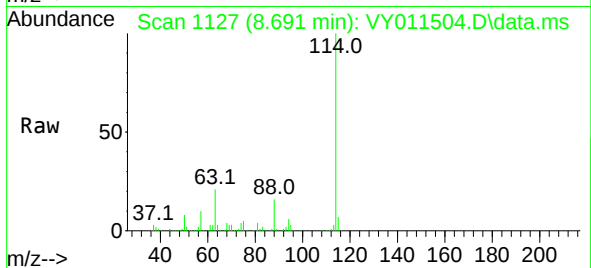
Tgt Ion:114 Resp: 367262

Ion Ratio Lower Upper

114 100

63 21.5 0.0 43.2

88 16.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 52.818 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY011504.D

Acq: 18 Nov 2022 16:14

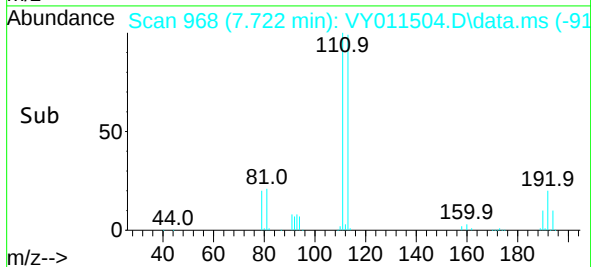
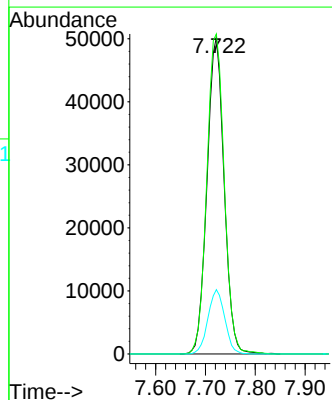
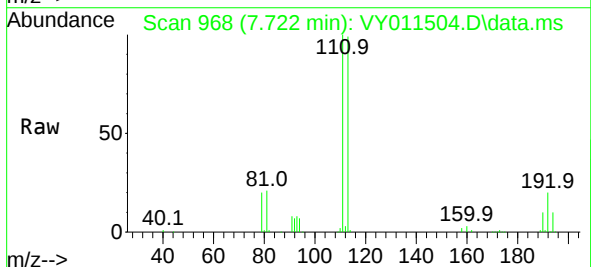
Tgt Ion:113 Resp: 119413

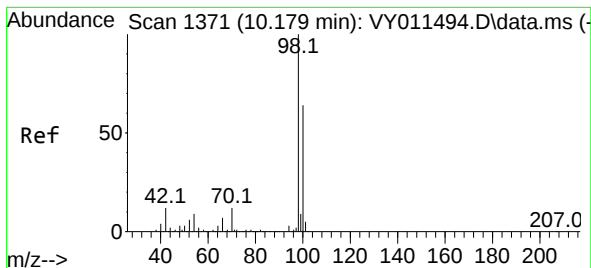
Ion Ratio Lower Upper

113 100

111 103.3 82.6 124.0

192 20.0 17.6 26.4

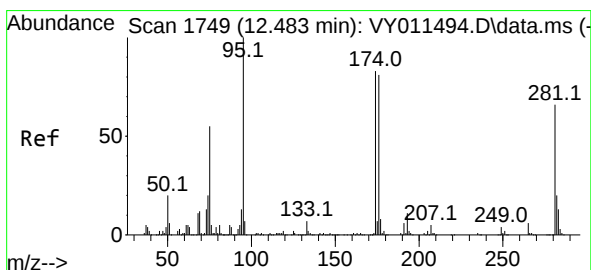
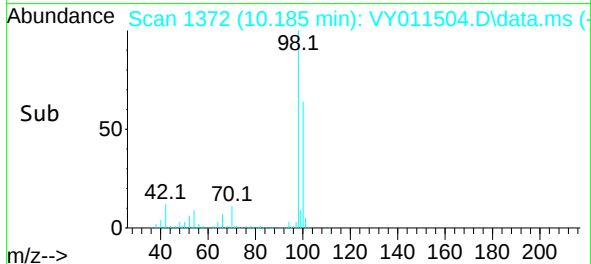
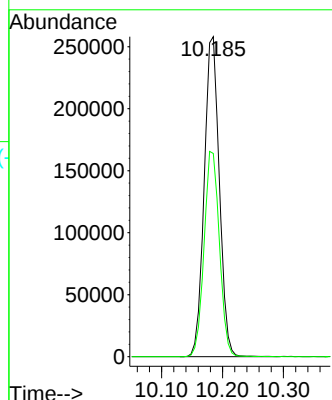
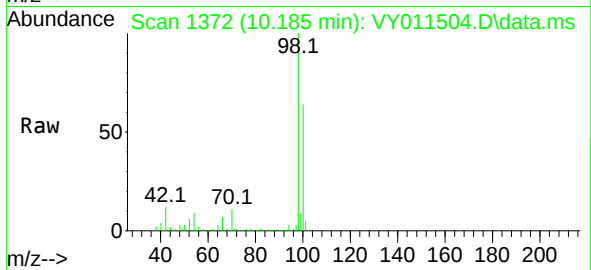




#50
Toluene-d8
Concen: 54.219 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY011504.D
Acq: 18 Nov 2022 16:14

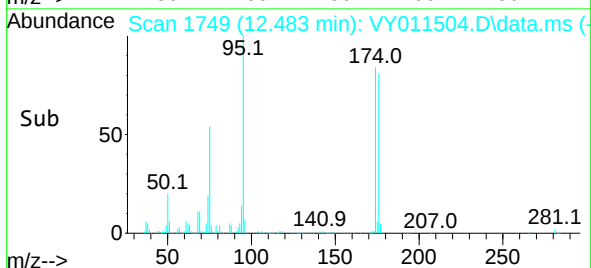
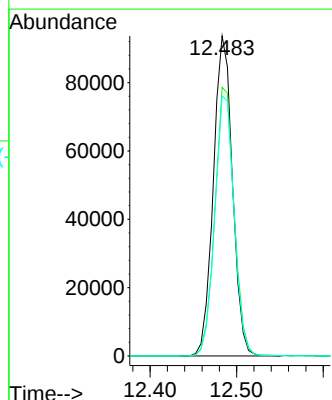
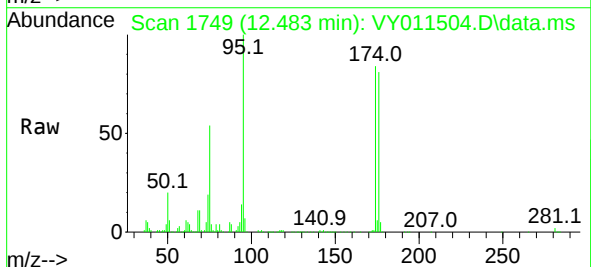
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-PILE-3

Tgt Ion: 98 Resp: 445445
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 47.190 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011504.D
Acq: 18 Nov 2022 16:14

Tgt Ion: 95 Resp: 143343
Ion Ratio Lower Upper
95 100
174 85.1 0.0 177.0
176 82.3 0.0 175.8

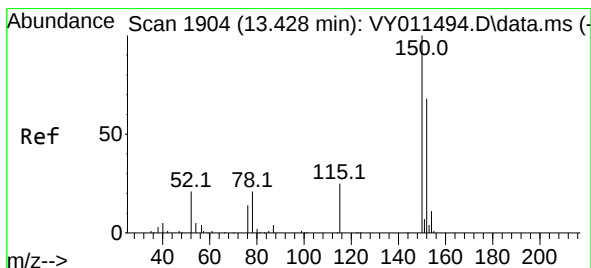
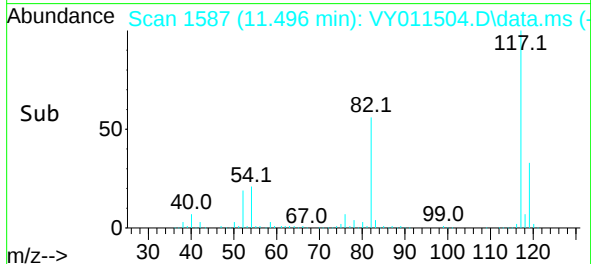
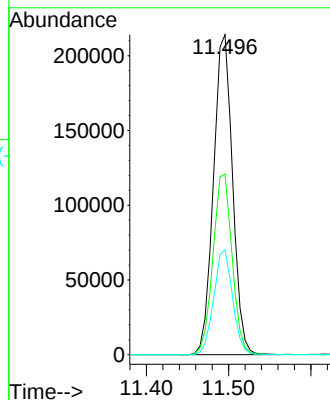
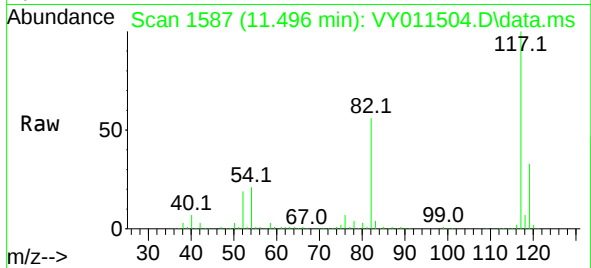




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY011504.D
Acq: 18 Nov 2022 16:14

Instrument :
MSVOA_Y
ClientSampleId :
SOIL-PILE-3

Tgt Ion:117 Resp: 345526
Ion Ratio Lower Upper
117 100
82 56.4 43.0 64.4
119 32.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY011504.D
Acq: 18 Nov 2022 16:14

Tgt Ion:152 Resp: 152265
Ion Ratio Lower Upper
152 100
115 58.0 28.2 84.7
150 155.9 0.0 347.6

