

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111822\
 Data File : VY011509.D
 Acq On : 18 Nov 2022 18:11
 Operator : KP/MD
 Sample : N5698-01
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BANK-RUN-SOIL-SAMPLE-1

Quant Time: Nov 19 22:42:06 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	150835	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	293032	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	291059	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	127198	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	118149	77.142	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	154.280%
35) Dibromofluoromethane	7.722	113	98626	54.674	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.340%
50) Toluene-d8	10.179	98	359320	54.815	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.620%
62) 4-Bromofluorobenzene	12.483	95	118277	48.801	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.600%

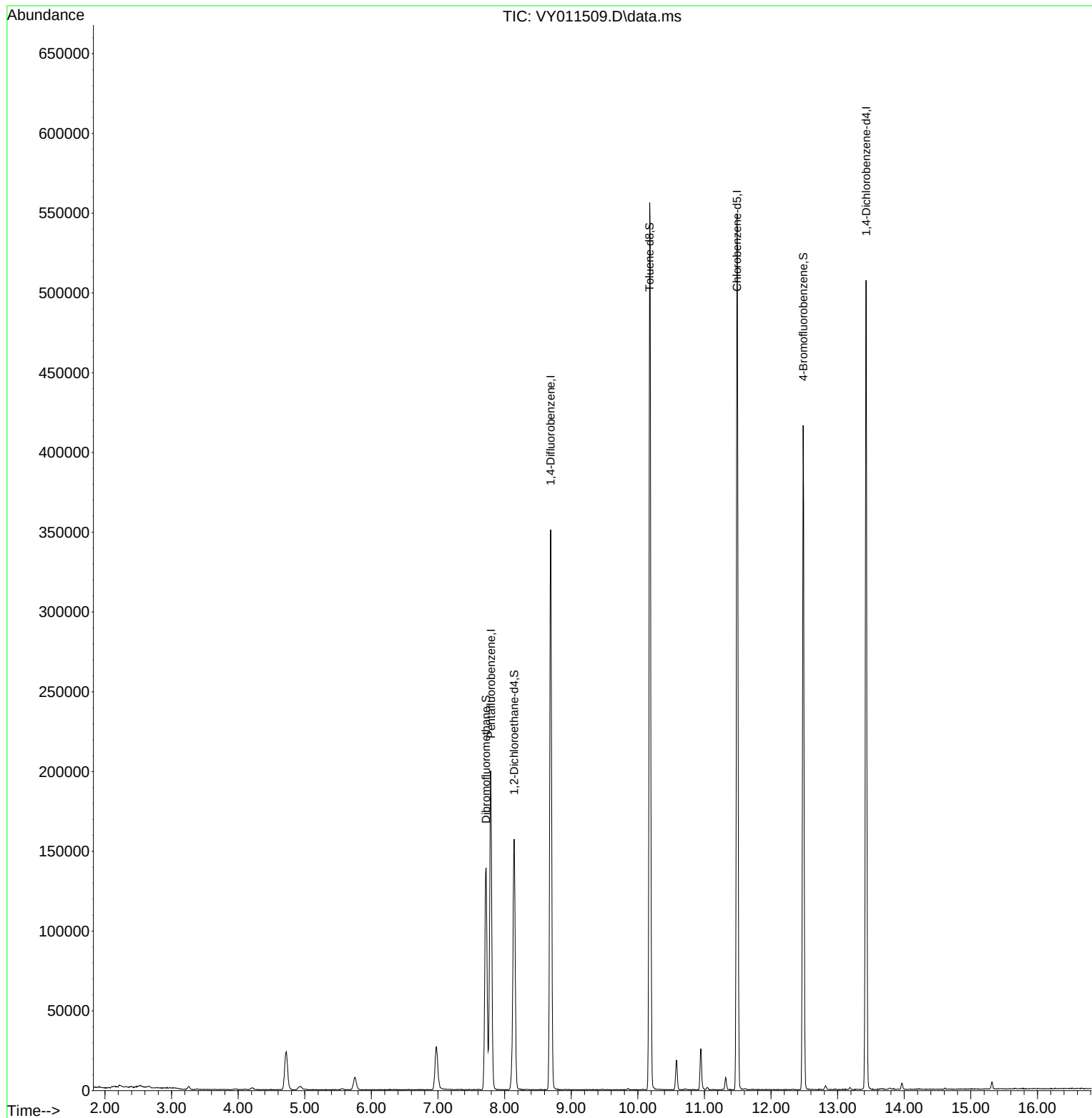
Target Compounds	Qvalue

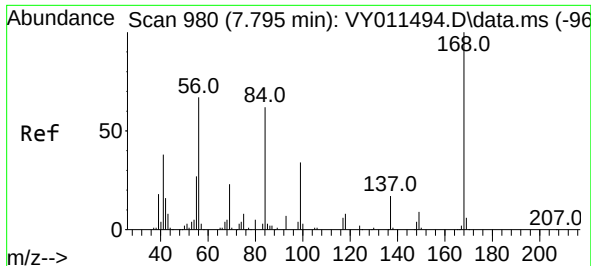
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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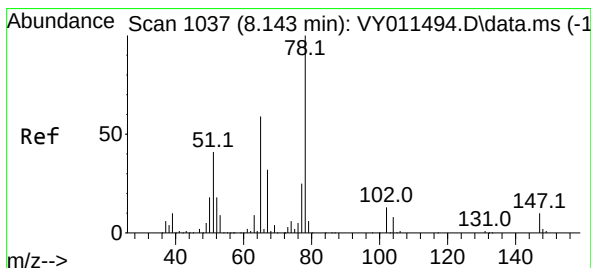
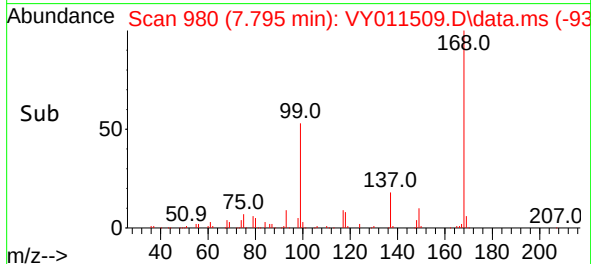
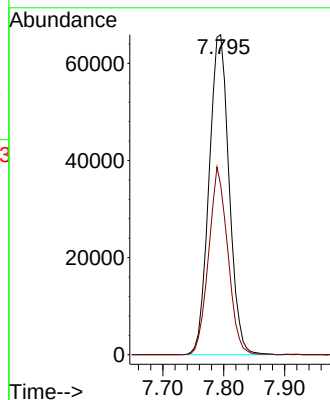
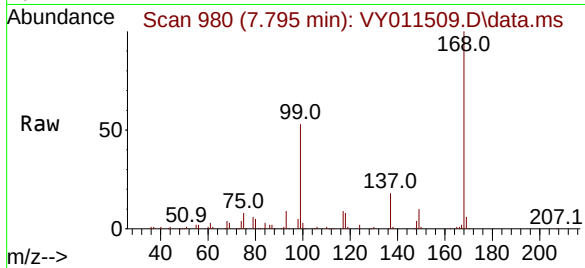




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY011509.D
Acq: 18 Nov 2022 18:11

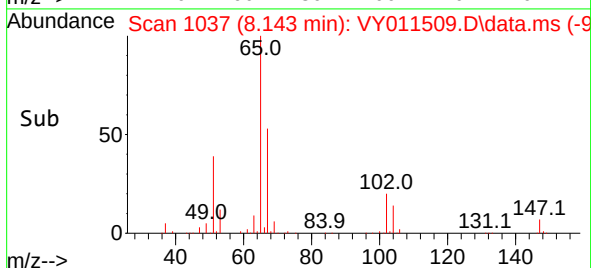
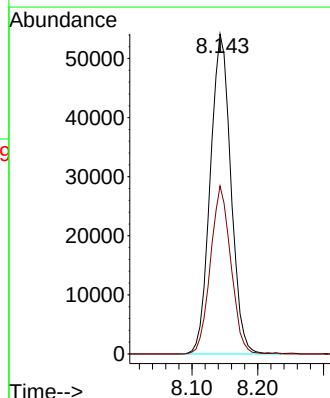
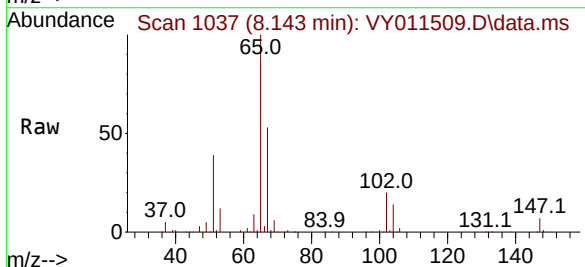
Instrument :
MSVOA_Y
ClientSampleId :
BANK-RUN-SOIL-SAMPLE-1

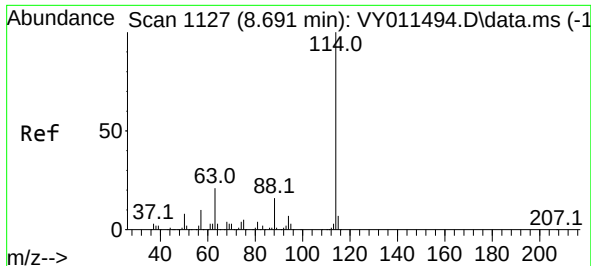
Tgt Ion:168 Resp: 150835
Ion Ratio Lower Upper
168 100
99 53.0 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 77.142 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY011509.D
Acq: 18 Nov 2022 18:11

Tgt Ion: 65 Resp: 118149
Ion Ratio Lower Upper
65 100
67 51.9 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: VY011509.D

Acq: 18 Nov 2022 18:11

Instrument :

MSVOA_Y

ClientSampleId :

BANK-RUN-SOIL-SAMPLE-1

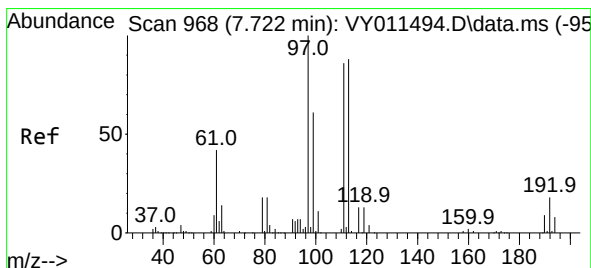
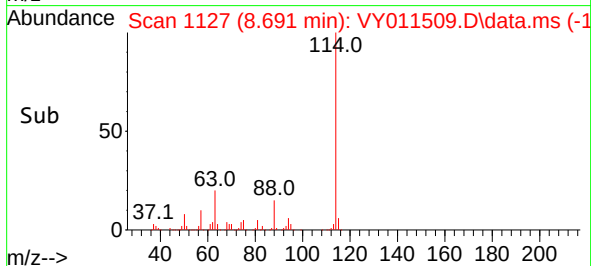
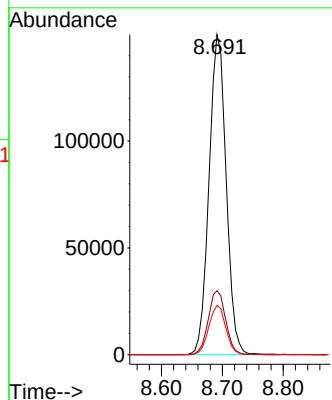
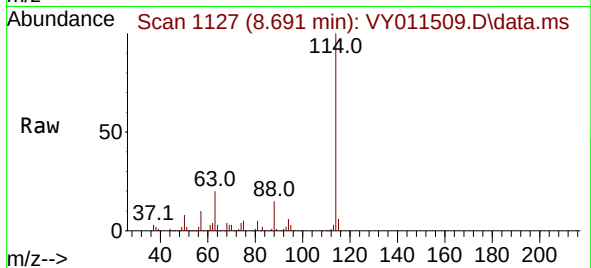
Tgt Ion:114 Resp: 293032

Ion Ratio Lower Upper

114 100

63 20.0 0.0 43.2

88 15.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 54.674 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY011509.D

Acq: 18 Nov 2022 18:11

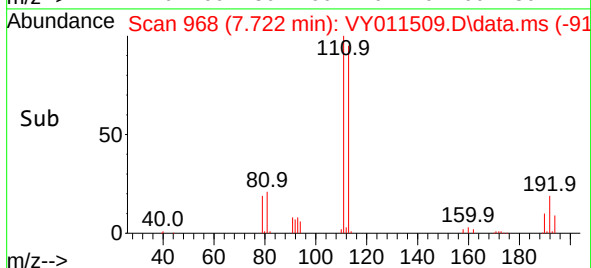
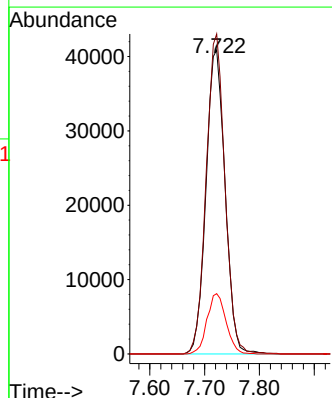
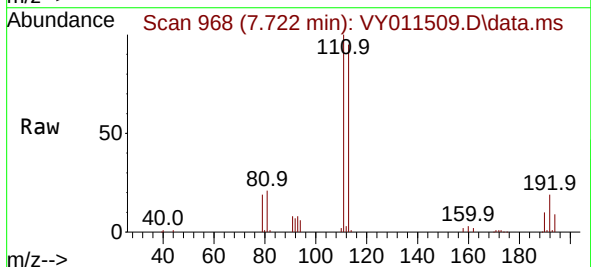
Tgt Ion:113 Resp: 98626

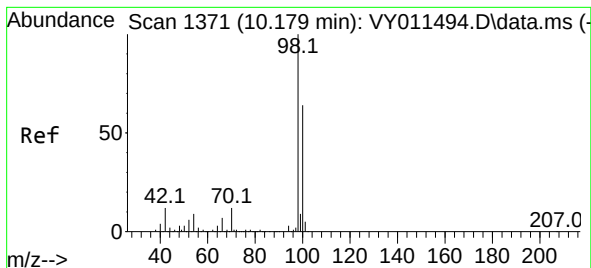
Ion Ratio Lower Upper

113 100

111 103.4 82.6 124.0

192 19.8 17.6 26.4

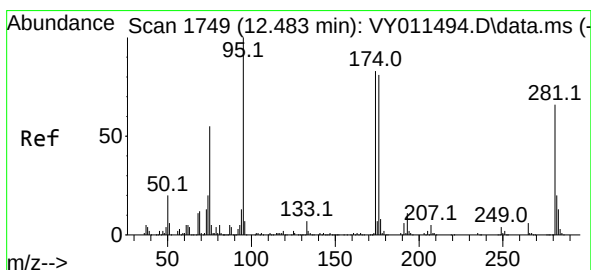
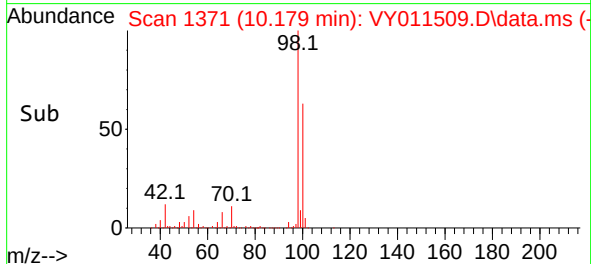
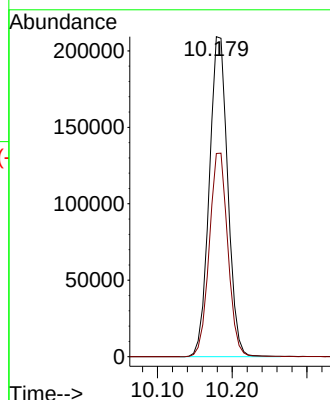
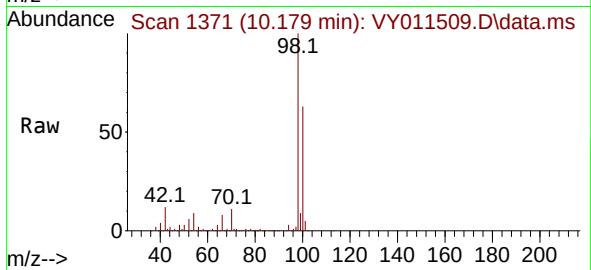




#50
Toluene-d8
Concen: 54.815 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011509.D
Acq: 18 Nov 2022 18:11

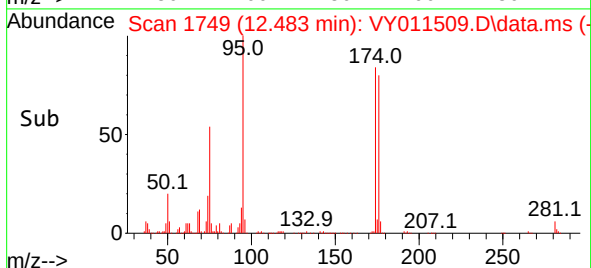
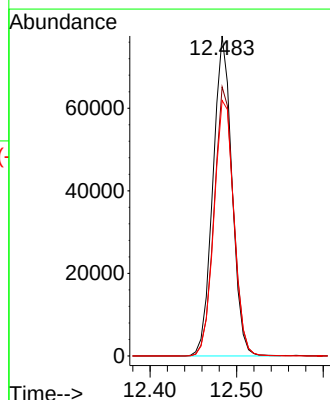
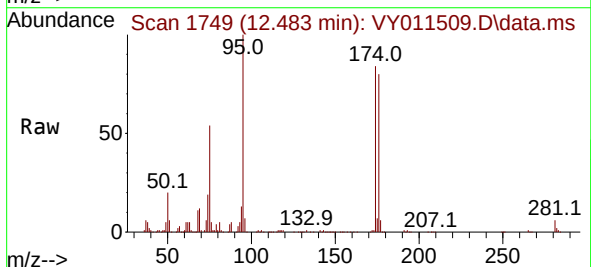
Instrument :
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BANK-RUN-SOIL-SAMPLE-1

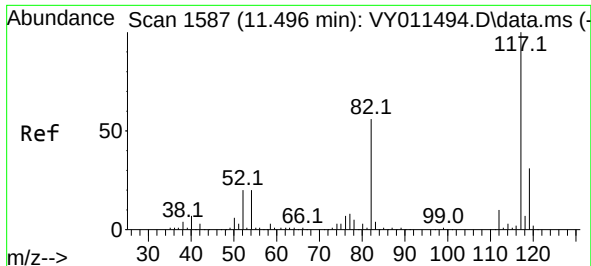
Tgt Ion: 98 Resp: 359320
Ion Ratio Lower Upper
98 100
100 63.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 48.801 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011509.D
Acq: 18 Nov 2022 18:11

Tgt Ion: 95 Resp: 118277
Ion Ratio Lower Upper
95 100
174 85.9 0.0 177.0
176 83.5 0.0 175.8

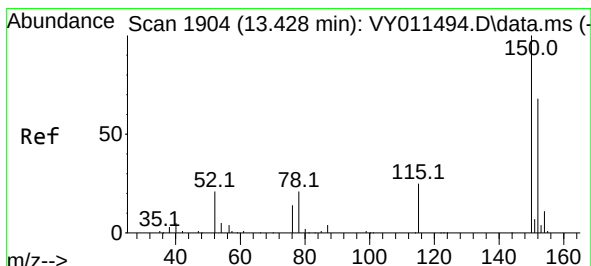
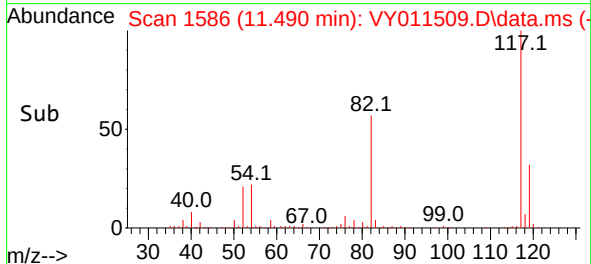
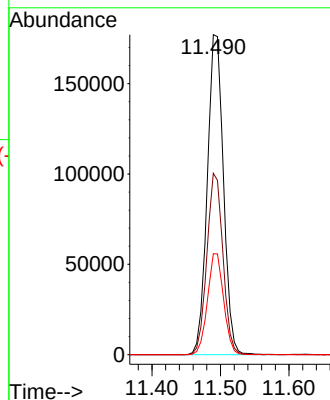
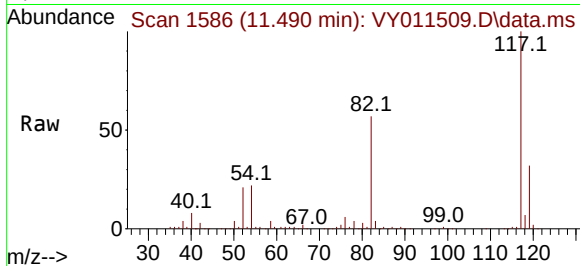




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY011509.D
Acq: 18 Nov 2022 18:11

Instrument :
MSVOA_Y
ClientSampleId :
BANK-RUN-SOIL-SAMPLE-1

Tgt Ion:117 Resp: 291059
Ion Ratio Lower Upper
117 100
82 56.7 43.0 64.4
119 31.6 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: VY011509.D
Acq: 18 Nov 2022 18:11

Tgt Ion:152 Resp: 127198
Ion Ratio Lower Upper
152 100
115 56.8 28.2 84.7
150 157.6 0.0 347.6

