

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111822\
 Data File : VY011510.D
 Acq On : 18 Nov 2022 18:34
 Operator : KP/MD
 Sample : N5696-03
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BANK-RUN-SOIL-SAMPLE-3

Quant Time: Nov 19 22:42:14 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	7.789	168	3632	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	7039	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	7690	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	2289	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	4345	117.817	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	235.640%#
35) Dibromofluoromethane	7.722	113	1857	42.856	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.720%
50) Toluene-d8	10.185	98	8421	53.479	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.960%
62) 4-Bromofluorobenzene	12.489	95	2605	44.745	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.480%

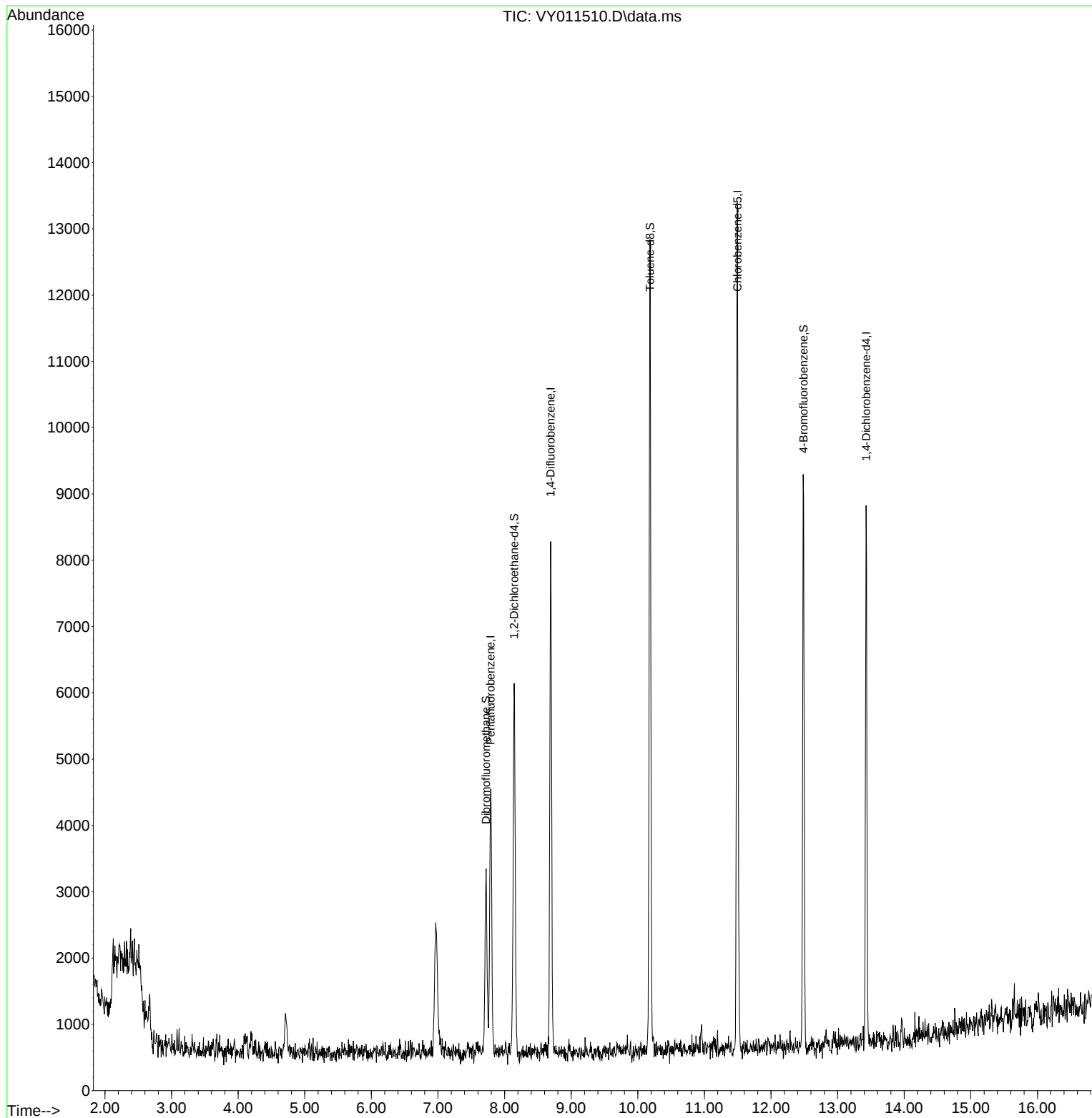
Target Compounds	Qvalue

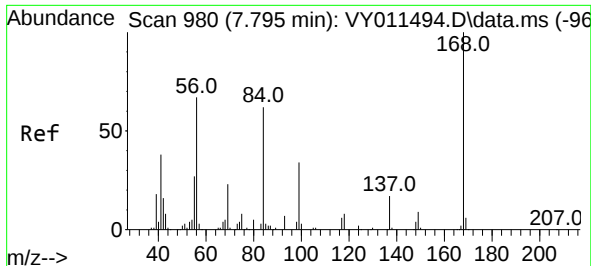
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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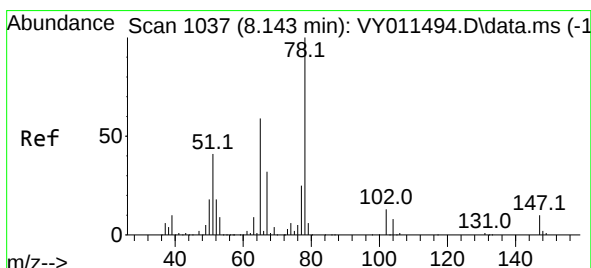
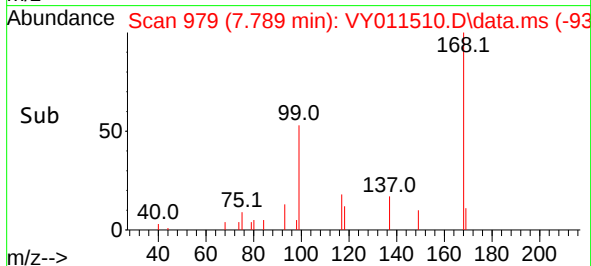
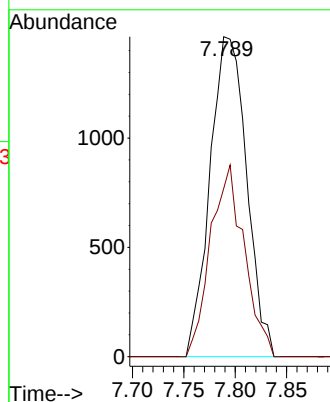
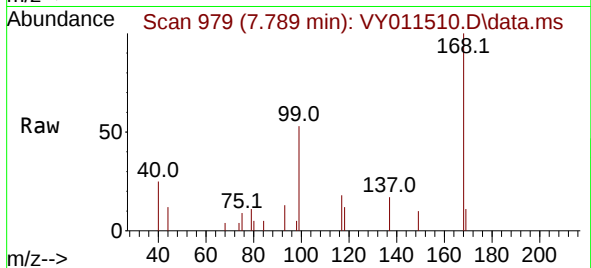




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011510.D
Acq: 18 Nov 2022 18:34

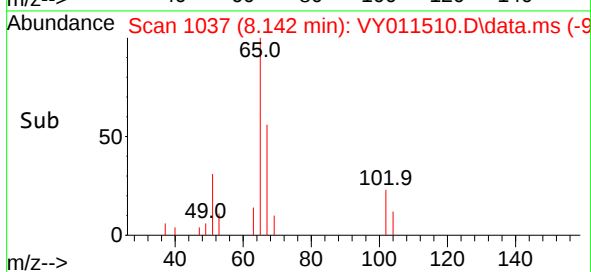
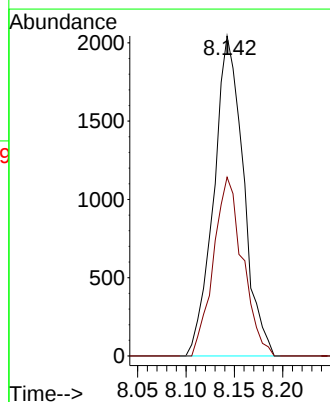
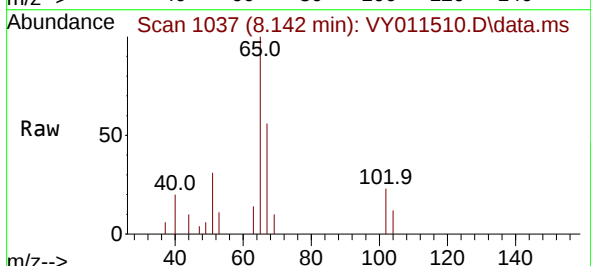
Instrument :
MSVOA_Y
ClientSampleId :
BANK-RUN-SOIL-SAMPLE-3

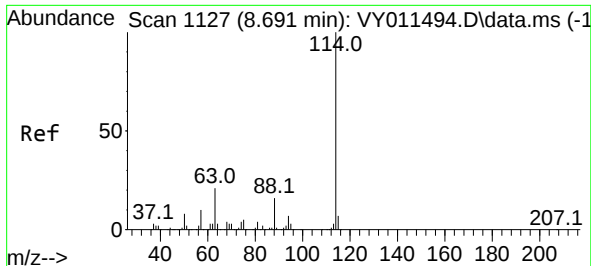
Tgt Ion:168 Resp: 3632
Ion Ratio Lower Upper
168 100
99 52.5 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 117.817 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY011510.D
Acq: 18 Nov 2022 18:34

Tgt Ion: 65 Resp: 4345
Ion Ratio Lower Upper
65 100
67 55.3 0.0 99.4

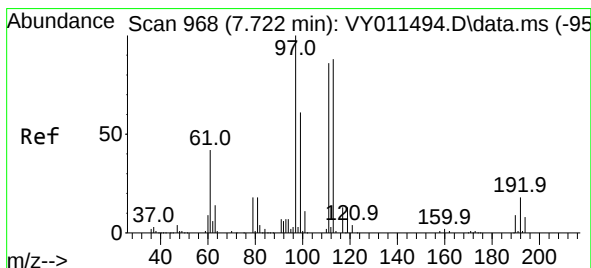
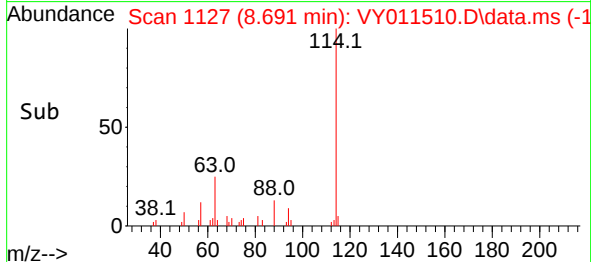
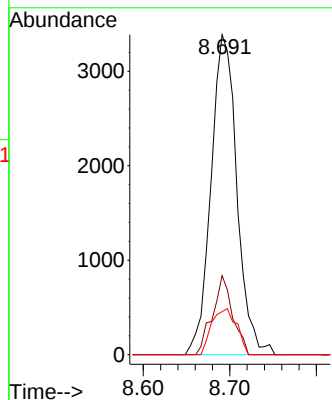
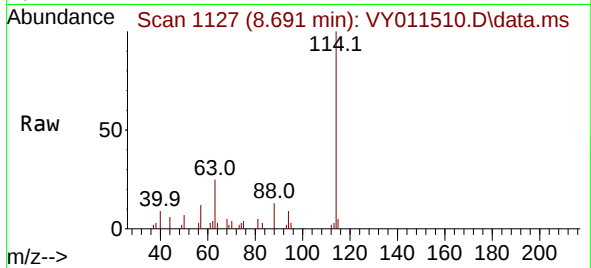




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY011510.D
Acq: 18 Nov 2022 18:34

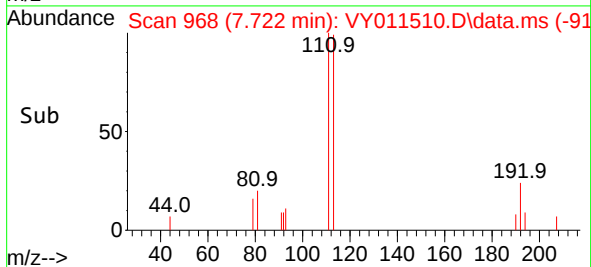
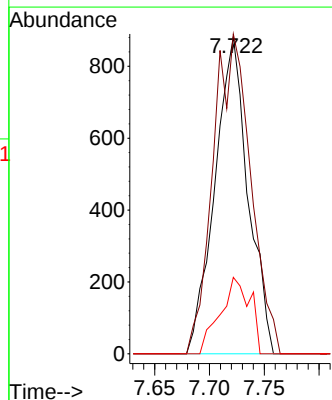
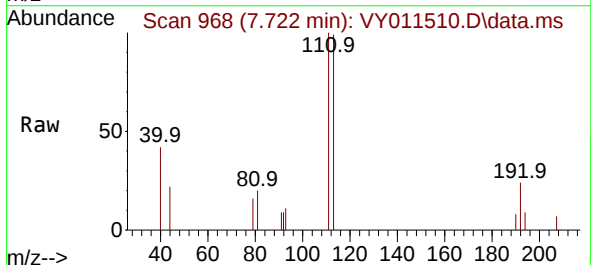
Instrument :
MSVOA_Y
ClientSampleId :
BANK-RUN-SOIL-SAMPLE-3

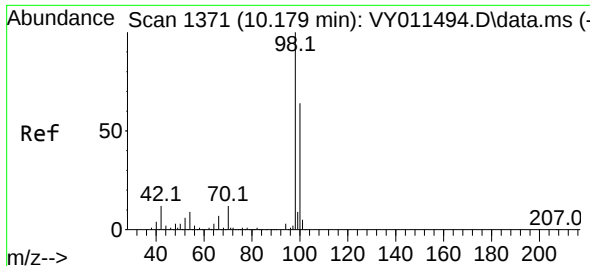
Tgt Ion:	114	Resp:	7039
Ion Ratio	Lower	Upper	
114	100		
63	24.7	0.0	43.2
88	13.4	0.0	31.8



#35
Dibromofluoromethane
Concen: 42.856 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY011510.D
Acq: 18 Nov 2022 18:34

Tgt Ion:	113	Resp:	1857
Ion Ratio	Lower	Upper	
113	100		
111	114.5	82.6	124.0
192	21.7	17.6	26.4

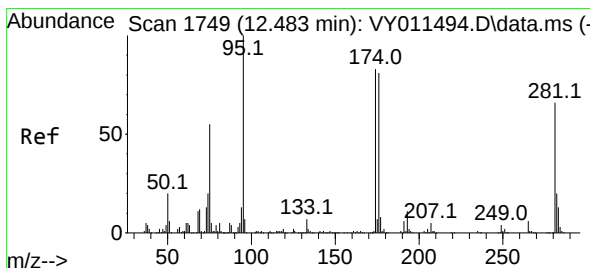
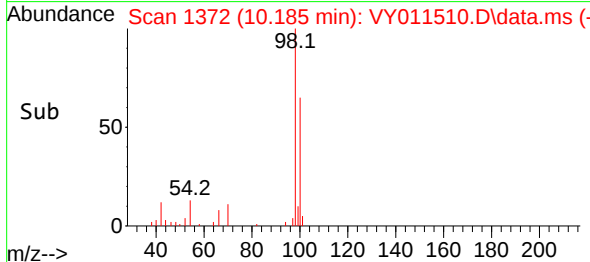
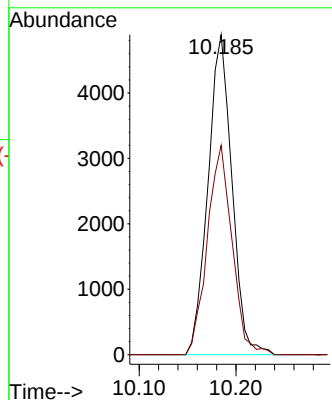
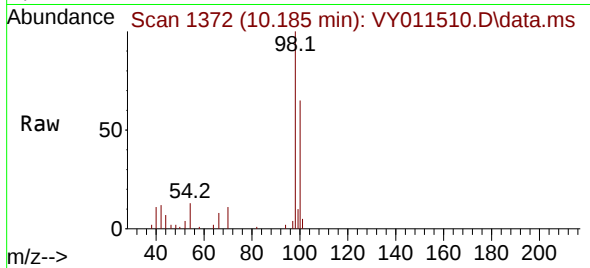




#50
Toluene-d8
Concen: 53.479 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY011510.D
Acq: 18 Nov 2022 18:34

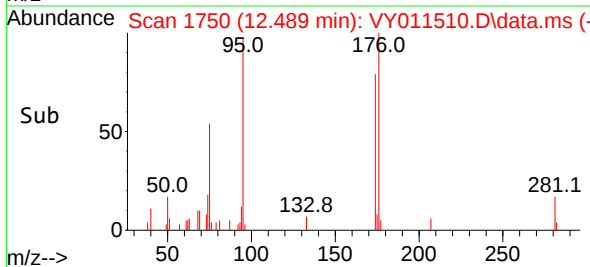
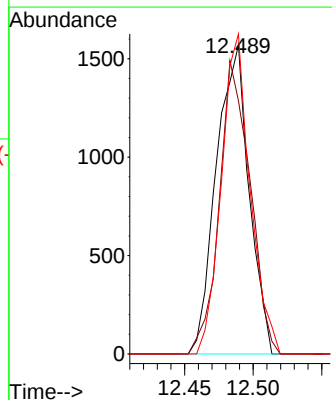
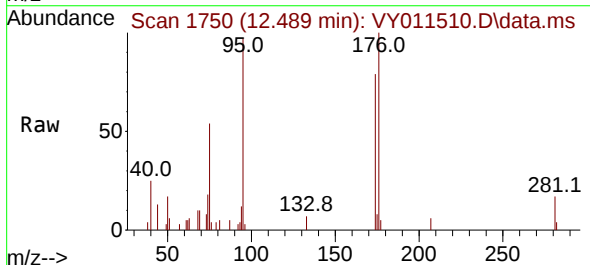
Instrument :
MSVOA_Y
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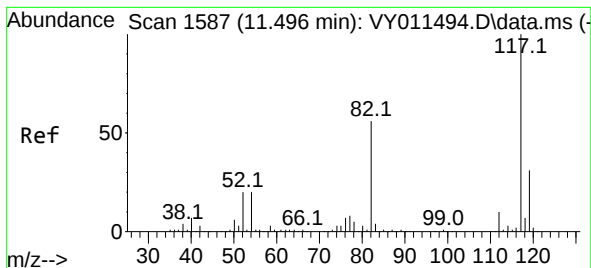
Tgt Ion: 98 Resp: 8421
Ion Ratio Lower Upper
98 100
100 67.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 44.745 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY011510.D
Acq: 18 Nov 2022 18:34

Tgt Ion: 95 Resp: 2605
Ion Ratio Lower Upper
95 100
174 89.2 0.0 177.0
176 91.1 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.495 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY011510.D

Acq: 18 Nov 2022 18:34

Instrument :

MSVOA_Y

ClientSampleId :

BANK-RUN-SOIL-SAMPLE-3

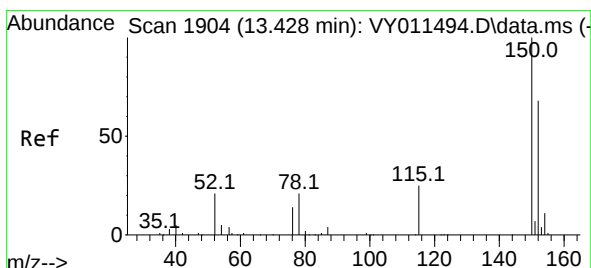
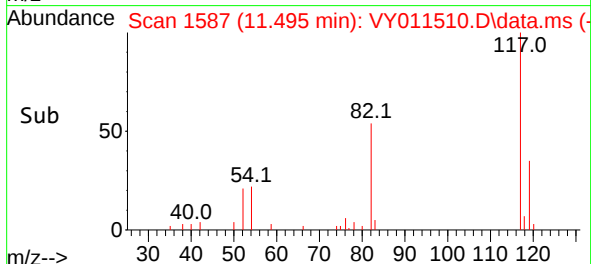
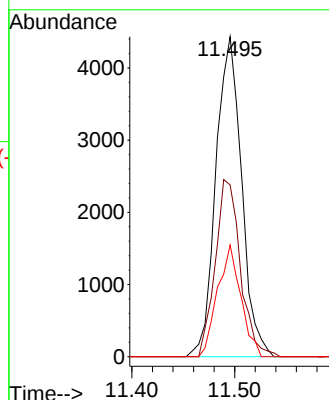
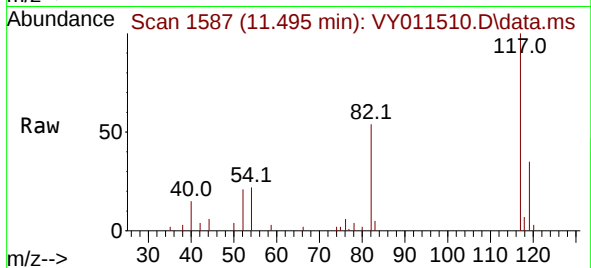
Tgt Ion:117 Resp: 7690

Ion Ratio Lower Upper

117 100

82 53.6 43.0 64.4

119 34.9 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: VY011510.D

Acq: 18 Nov 2022 18:34

Tgt Ion:152 Resp: 2289

Ion Ratio Lower Upper

152 100

115 54.3 28.2 84.7

150 163.9 0.0 347.6

