

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112322\
 Data File : VY011567.D
 Acq On : 23 Nov 2022 12:03
 Operator : KP/MD
 Sample : N5751-01RE
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 STOCK-PILERE

Quant Time: Nov 24 00:37:11 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	18365	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	33242	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	30698	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	11556	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	15052	80.717	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	161.440%
35) Dibromofluoromethane	7.716	113	12427	60.727	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	121.460%
50) Toluene-d8	10.185	98	40310	54.207	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.420%
62) 4-Bromofluorobenzene	12.483	95	11672	42.453	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	84.900%

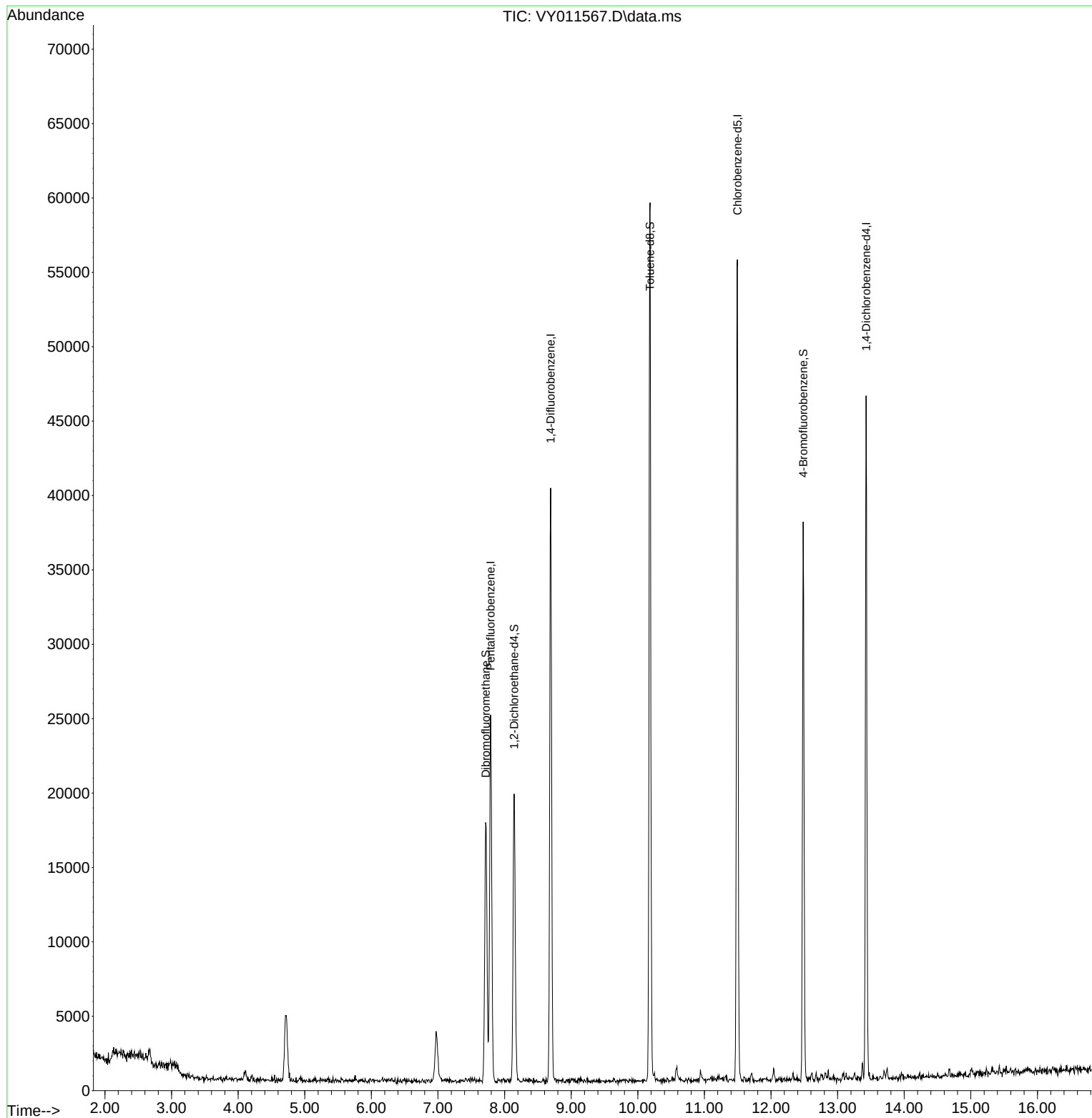
Target Compounds	Qvalue

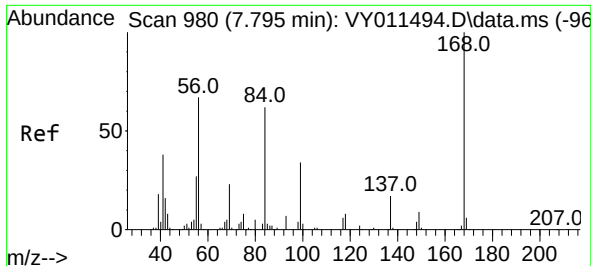
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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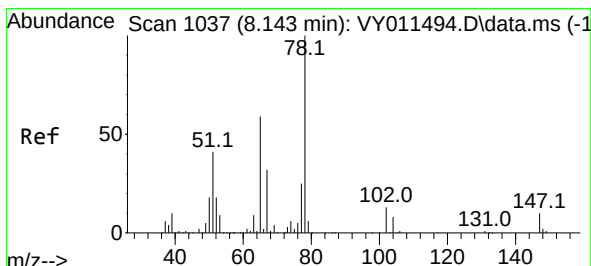
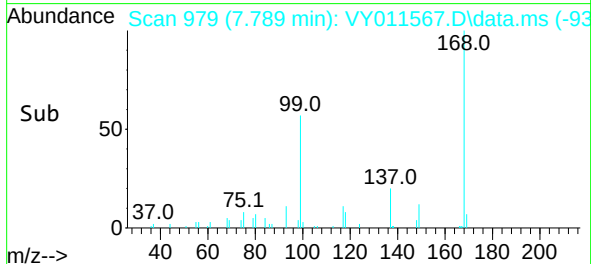
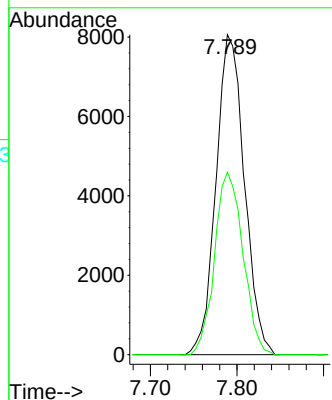
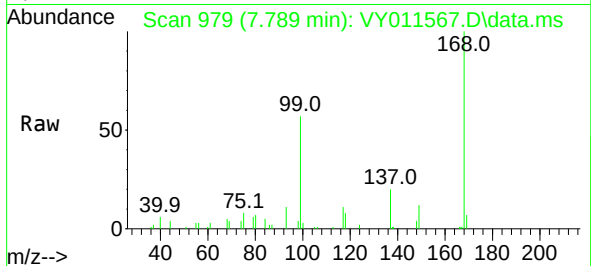




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011567.D
Acq: 23 Nov 2022 12:03

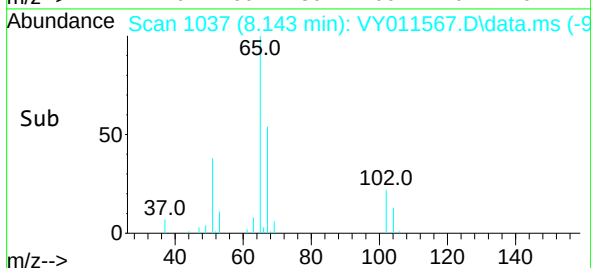
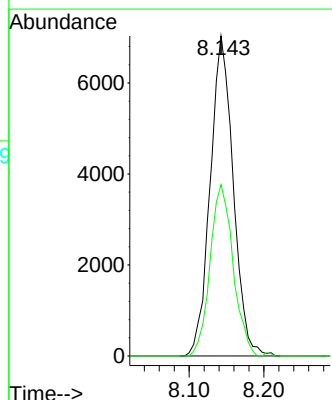
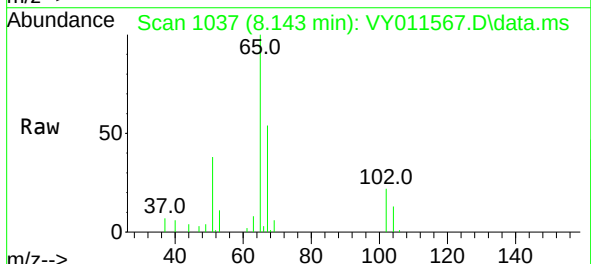
Instrument :
MSVOA_Y
ClientSampleId :
STOCK-PILERE

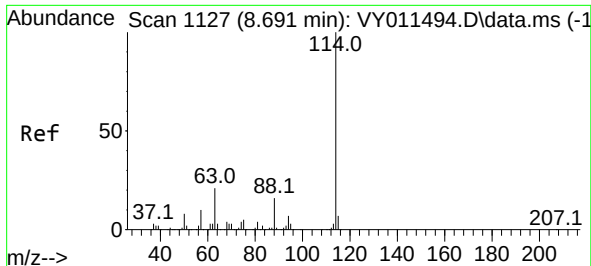
Tgt Ion:168 Resp: 18365
Ion Ratio Lower Upper
168 100
99 57.0 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 80.717 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY011567.D
Acq: 23 Nov 2022 12:03

Tgt Ion: 65 Resp: 15052
Ion Ratio Lower Upper
65 100
67 53.4 0.0 99.4

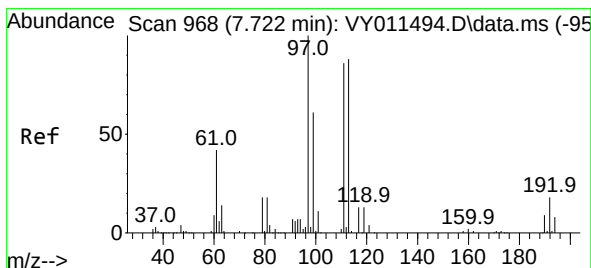
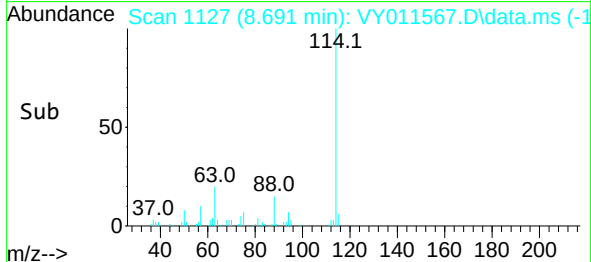
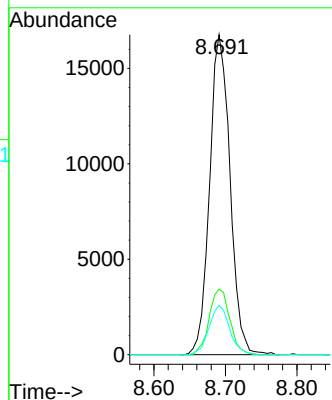
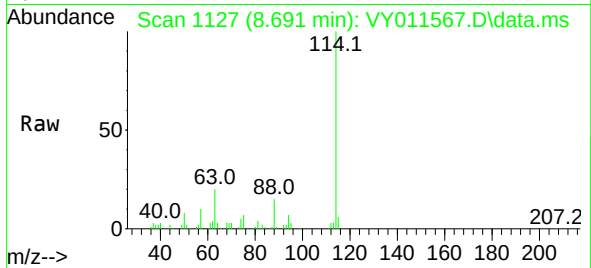




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY011567.D
Acq: 23 Nov 2022 12:03

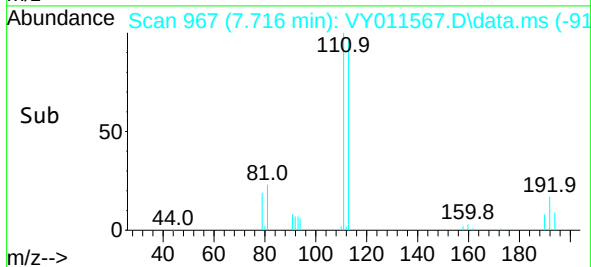
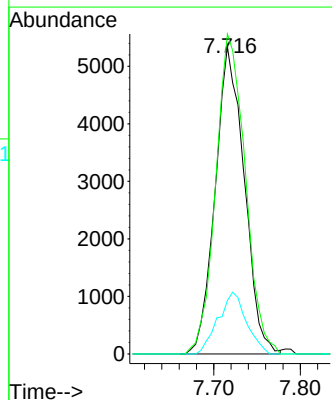
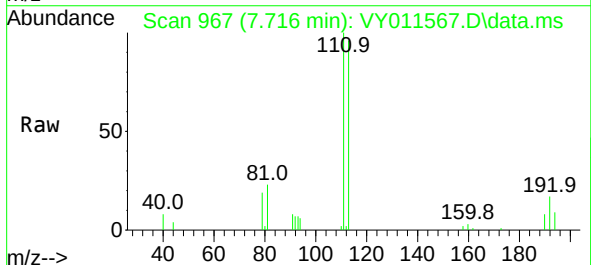
Instrument :
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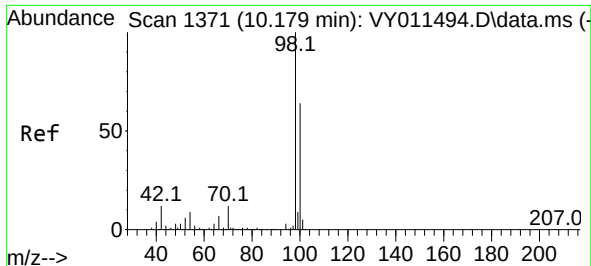
Tgt Ion:114 Resp: 33242
Ion Ratio Lower Upper
114 100
63 20.5 0.0 43.2
88 15.3 0.0 31.8



#35
Dibromofluoromethane
Concen: 60.727 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY011567.D
Acq: 23 Nov 2022 12:03

Tgt Ion:113 Resp: 12427
Ion Ratio Lower Upper
113 100
111 105.9 82.6 124.0
192 19.6 17.6 26.4

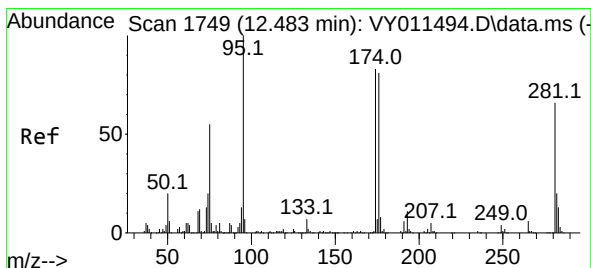
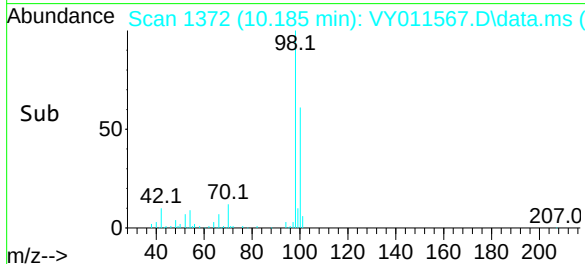
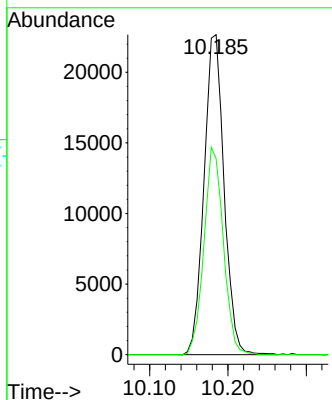
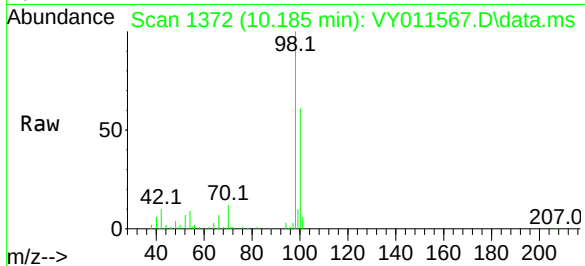




#50
Toluene-d8
Concen: 54.207 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY011567.D
Acq: 23 Nov 2022 12:03

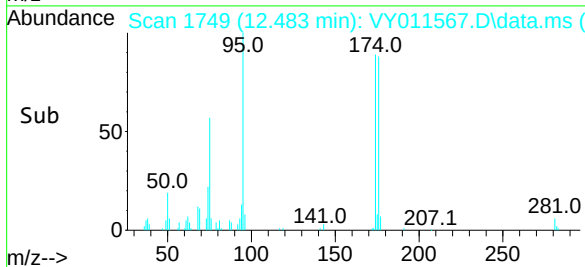
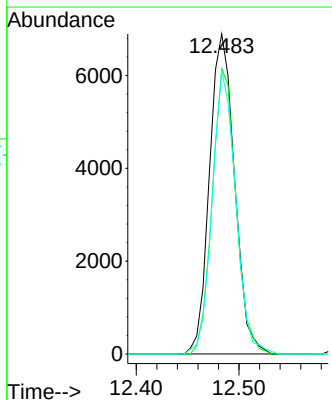
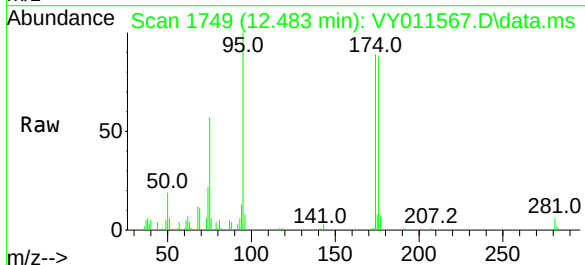
Instrument :
MSVOA_Y
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STOCK-PILERE

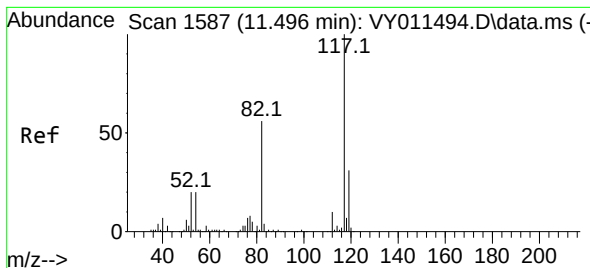
Tgt Ion: 98 Resp: 40310
Ion Ratio Lower Upper
98 100
100 62.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 42.453 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011567.D
Acq: 23 Nov 2022 12:03

Tgt Ion: 95 Resp: 11672
Ion Ratio Lower Upper
95 100
174 84.0 0.0 177.0
176 83.0 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY011567.D

Acq: 23 Nov 2022 12:03

Instrument :

MSVOA_Y

ClientSampleId :

STOCK-PILERE

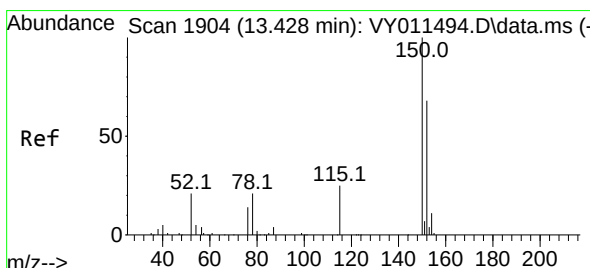
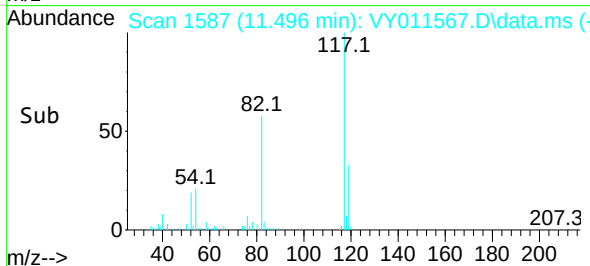
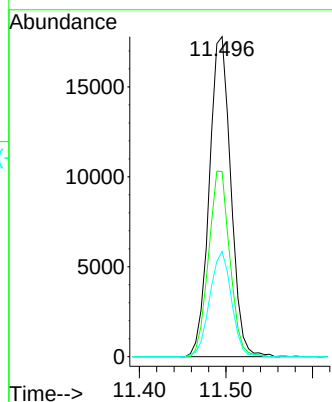
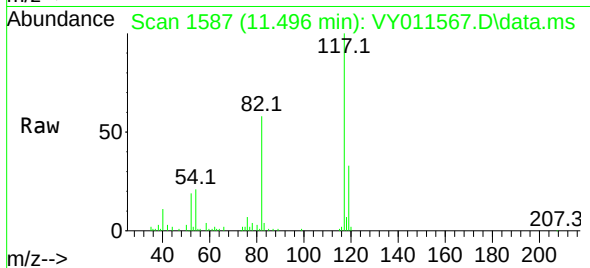
Tgt Ion:117 Resp: 30698

Ion Ratio Lower Upper

117 100

82 57.9 43.0 64.4

119 32.9 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: VY011567.D

Acq: 23 Nov 2022 12:03

Tgt Ion:152 Resp: 11556

Ion Ratio Lower Upper

152 100

115 57.5 28.2 84.7

150 159.1 0.0 347.6

