

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112222\
 Data File : VY011548.D
 Acq On : 22 Nov 2022 15:15
 Operator : KP/MD
 Sample : N5749-22
 Misc : 4.45g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-84

Quant Time: Nov 23 04:07:45 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	114625	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	222307	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	224688	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	94278	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	93522	80.352	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	160.700%
35) Dibromofluoromethane	7.722	113	78335	57.241	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.480%
50) Toluene-d8	10.179	98	278686	56.040	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	112.080%
62) 4-Bromofluorobenzene	12.483	95	90118	49.012	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.020%

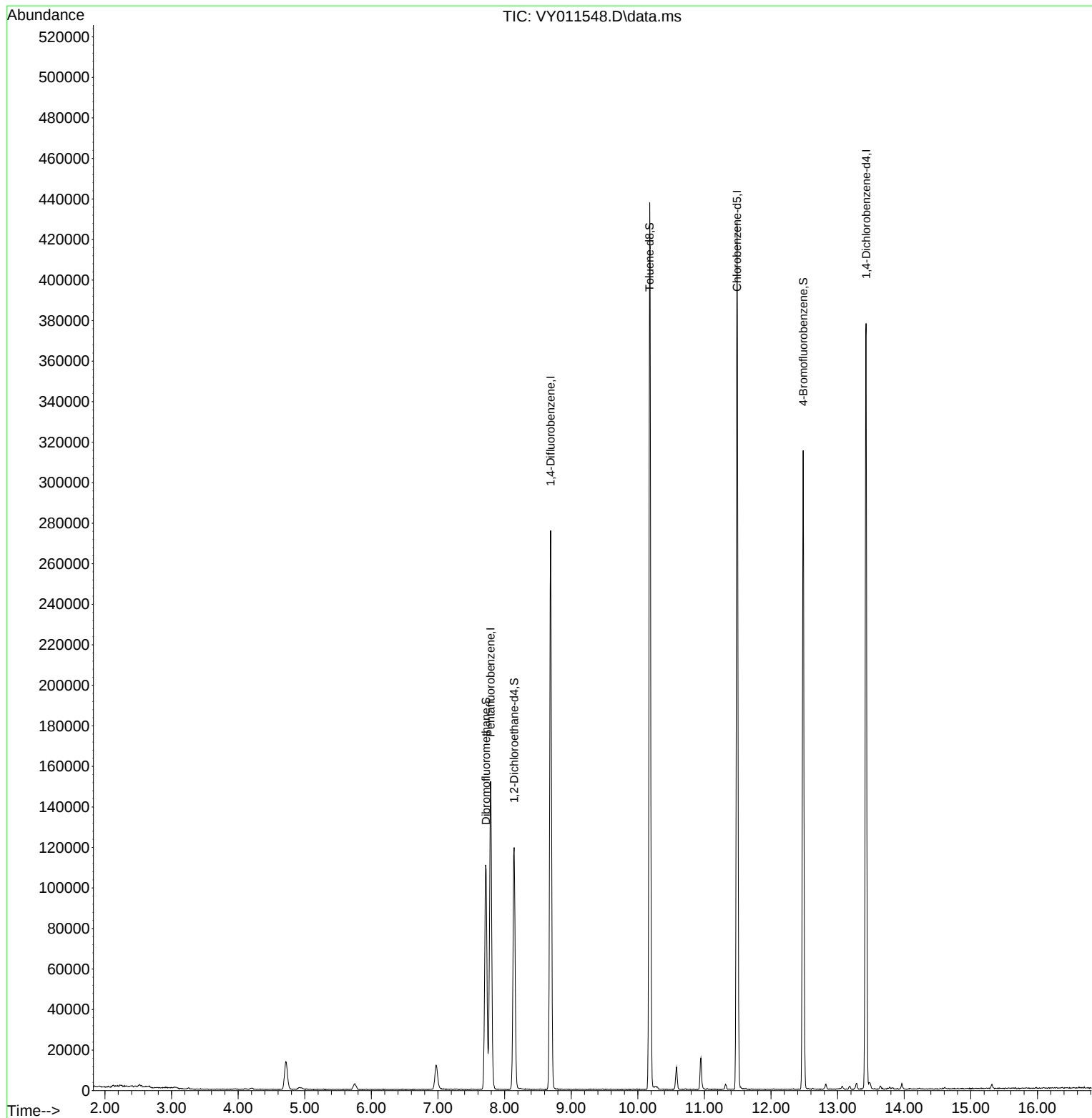
Target Compounds	Qvalue

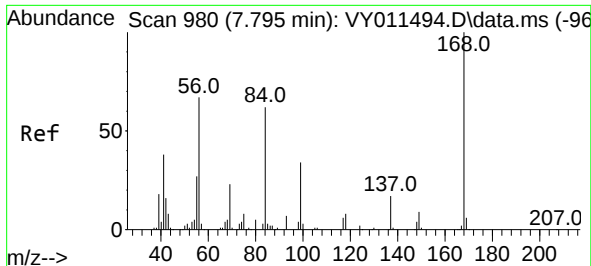
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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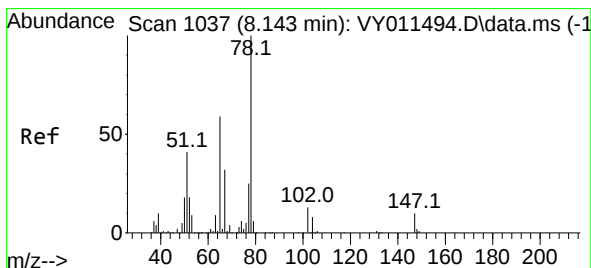
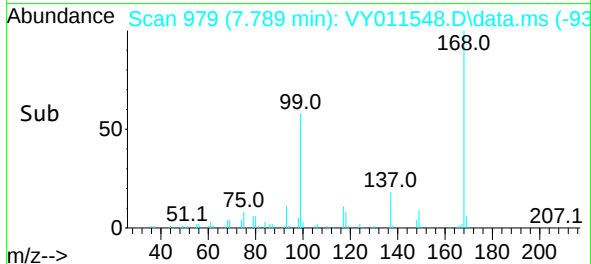
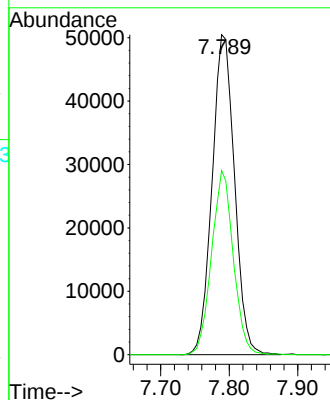
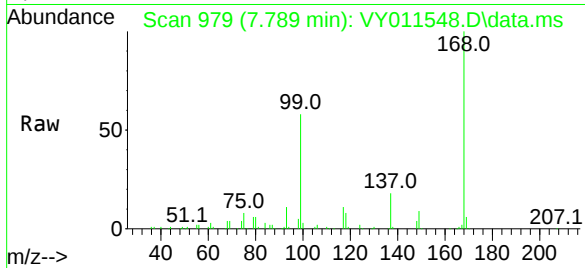




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011548.D
Acq: 22 Nov 2022 15:15

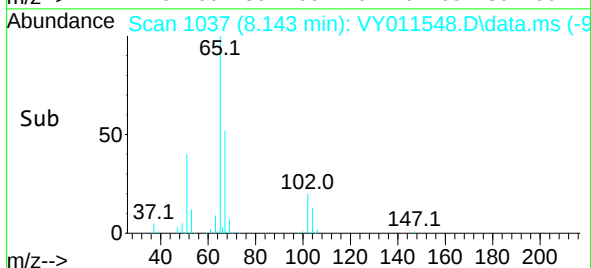
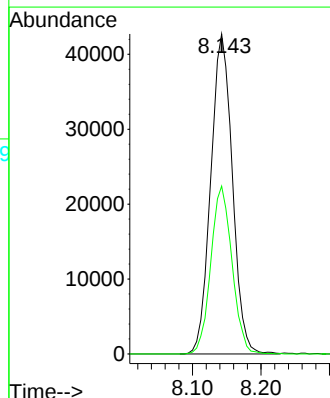
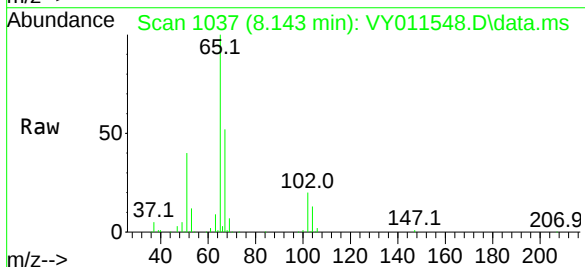
Instrument :
MSVOA_Y
ClientSampleId :
MH-84

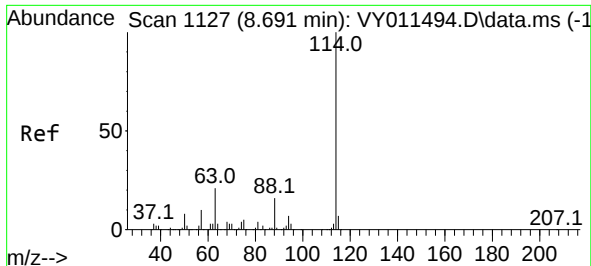
Tgt Ion:168 Resp: 114625
Ion Ratio Lower Upper
168 100
99 57.6 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 80.352 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY011548.D
Acq: 22 Nov 2022 15:15

Tgt Ion: 65 Resp: 93522
Ion Ratio Lower Upper
65 100
67 51.4 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: VY011548.D

Acq: 22 Nov 2022 15:15

Instrument :

MSVOA_Y

ClientSampleId :

MH-84

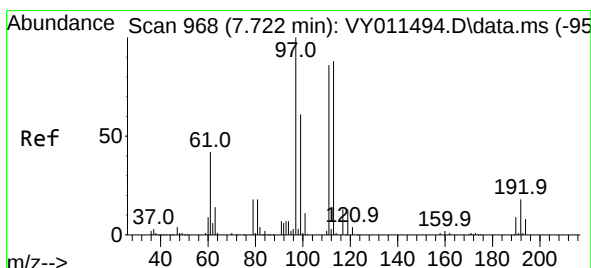
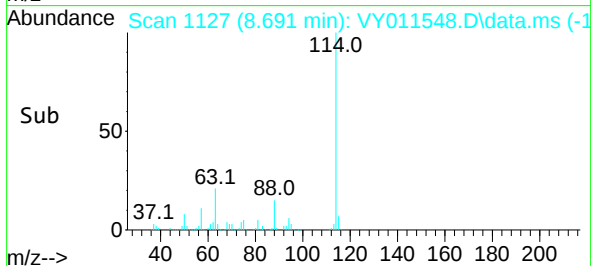
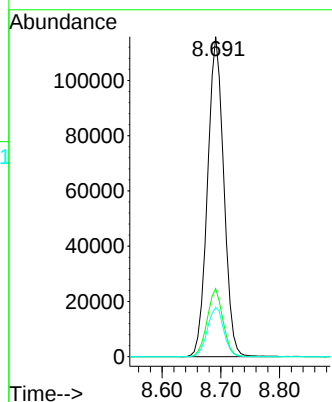
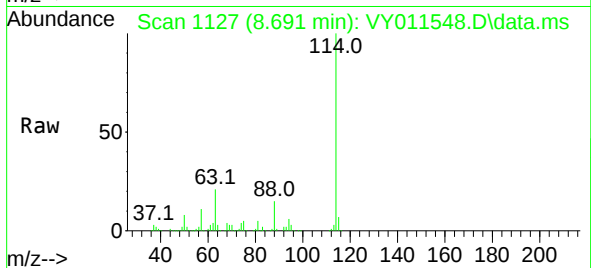
Tgt Ion:114 Resp: 222307

Ion Ratio Lower Upper

114 100

63 21.2 0.0 43.2

88 15.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 57.241 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY011548.D

Acq: 22 Nov 2022 15:15

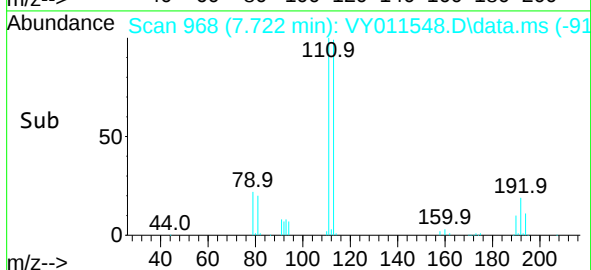
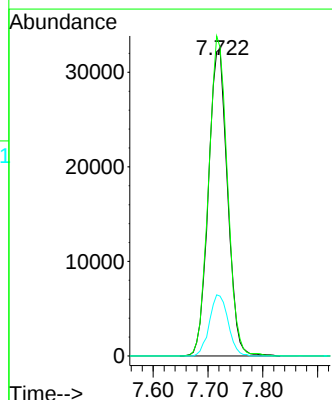
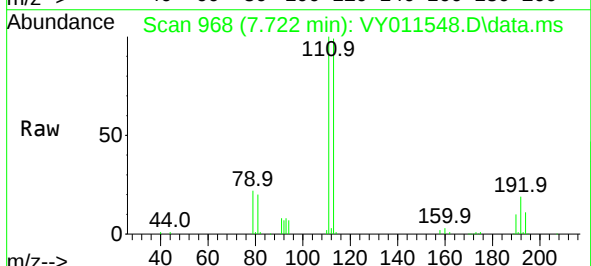
Tgt Ion:113 Resp: 78335

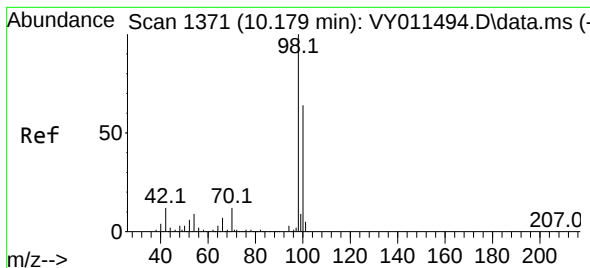
Ion Ratio Lower Upper

113 100

111 103.1 82.6 124.0

192 19.5 17.6 26.4

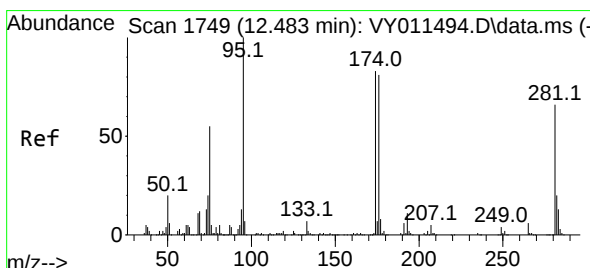
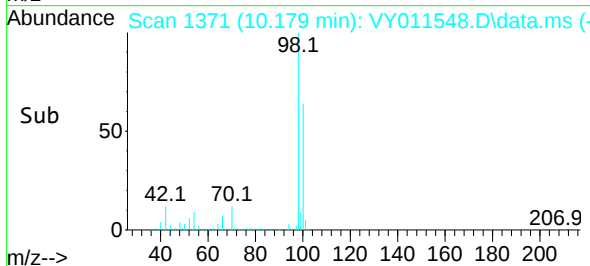
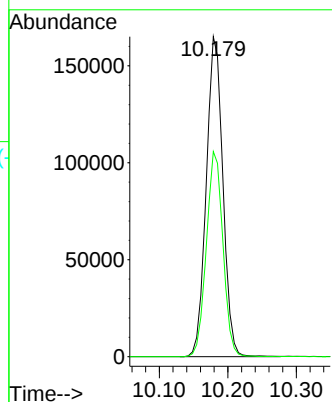
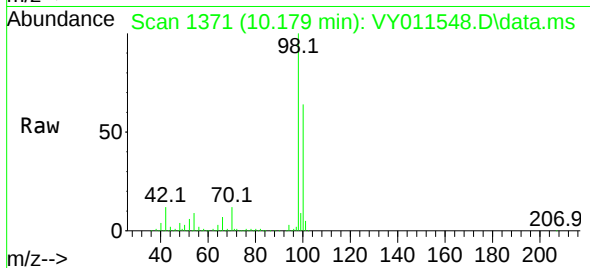




#50
Toluene-d8
Concen: 56.040 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011548.D
Acq: 22 Nov 2022 15:15

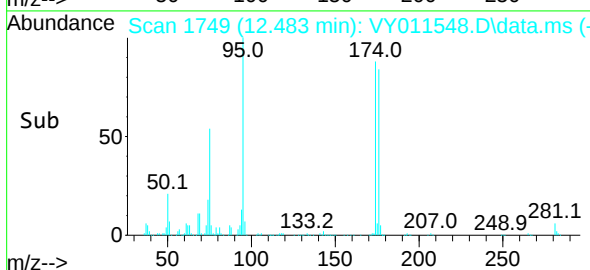
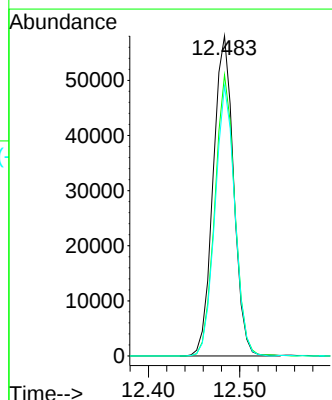
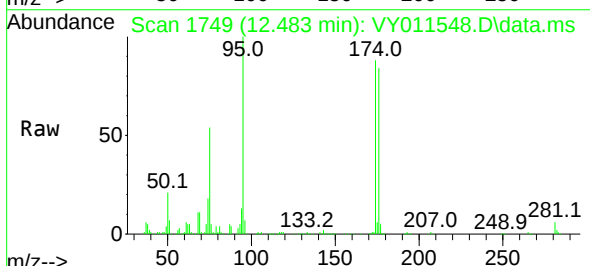
Instrument :
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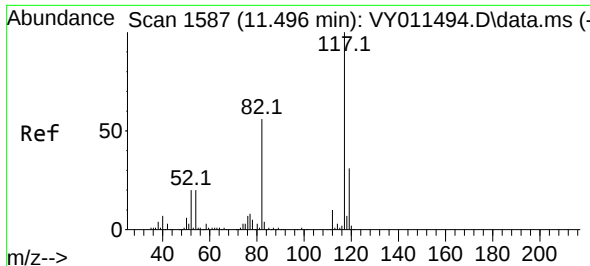
Tgt Ion: 98 Resp: 278686
Ion Ratio Lower Upper
98 100
100 64.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 49.012 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011548.D
Acq: 22 Nov 2022 15:15

Tgt Ion: 95 Resp: 90118
Ion Ratio Lower Upper
95 100
174 85.5 0.0 177.0
176 81.8 0.0 175.8

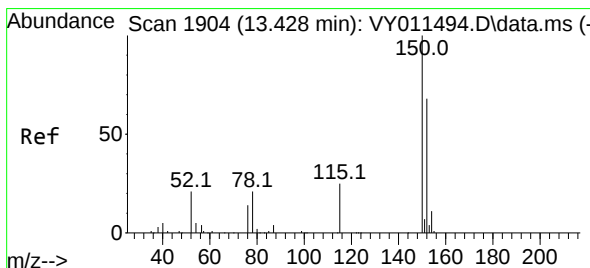
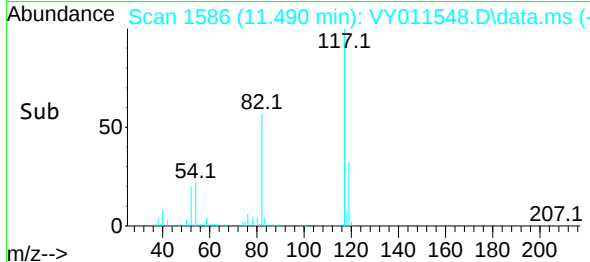
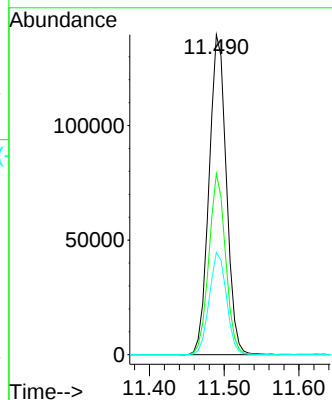
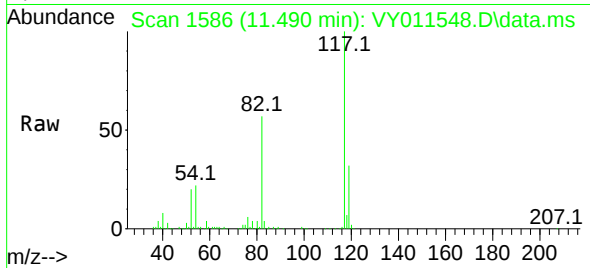




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY011548.D
Acq: 22 Nov 2022 15:15

Instrument :
MSVOA_Y
ClientSampleId :
MH-84

Tgt Ion:117 Resp: 224688
Ion Ratio Lower Upper
117 100
82 56.6 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. 0.000 min
Lab File: VY011548.D
Acq: 22 Nov 2022 15:15

Tgt Ion:152 Resp: 94278
Ion Ratio Lower Upper
152 100
115 58.9 28.2 84.7
150 158.1 0.0 347.6

