

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112222\
 Data File : VY011545.D
 Acq On : 22 Nov 2022 14:04
 Operator : KP/MD
 Sample : N5749-01
 Misc : 5.60g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-82

Quant Time: Nov 23 04:07:20 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	123275	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	231186	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	214841	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	88338	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	84370	67.403	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	134.800%
35) Dibromofluoromethane	7.716	113	75754	53.229	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.460%
50) Toluene-d8	10.179	98	283844	54.885	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.760%
62) 4-Bromofluorobenzene	12.483	95	85643	44.790	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.580%

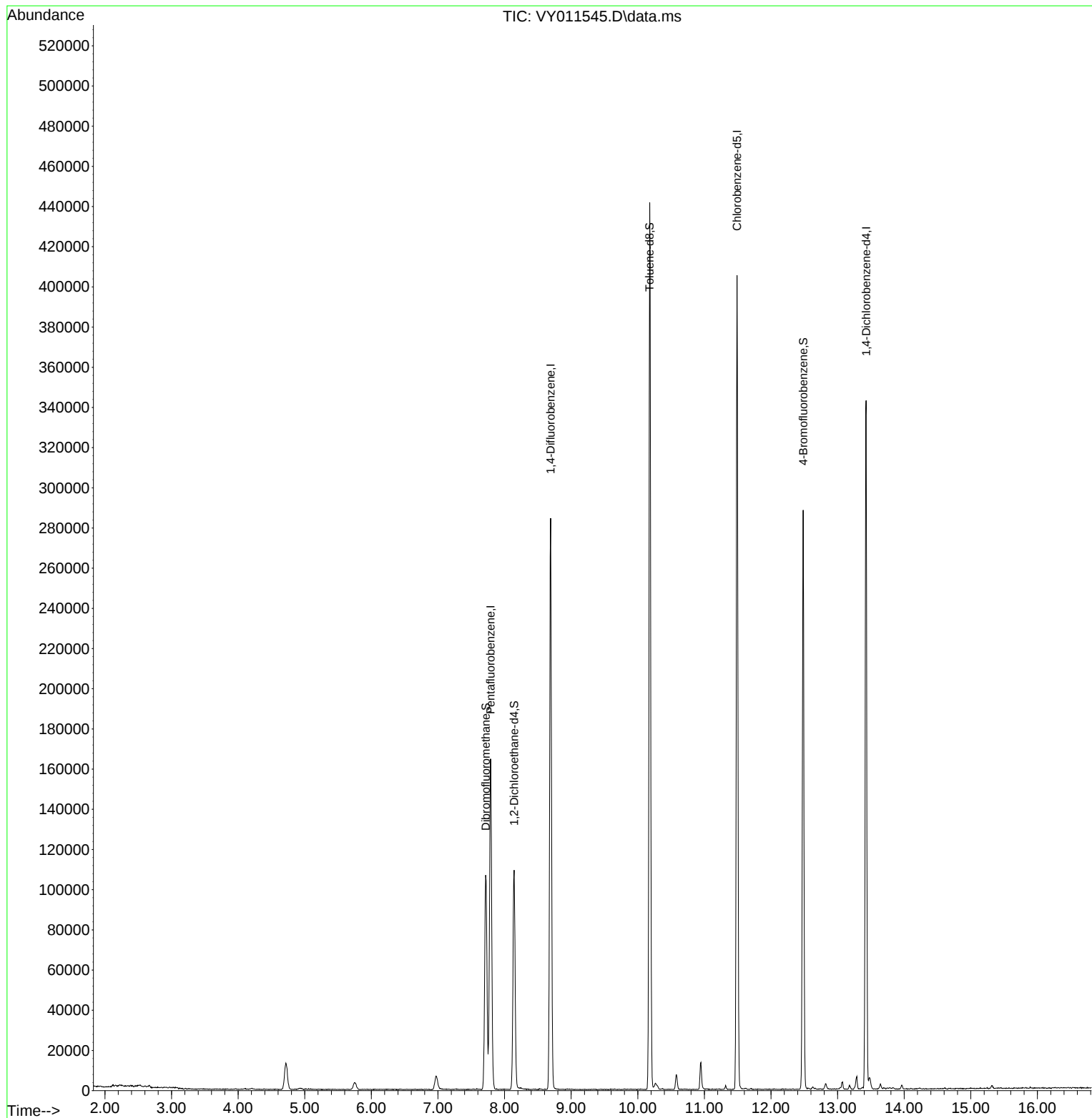
Target Compounds	Qvalue

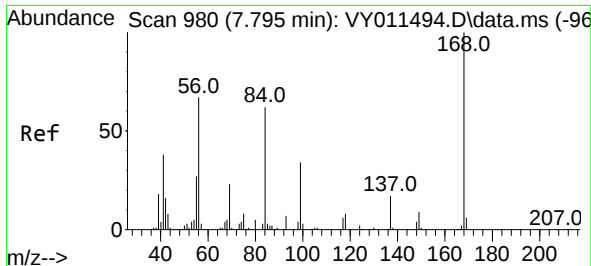
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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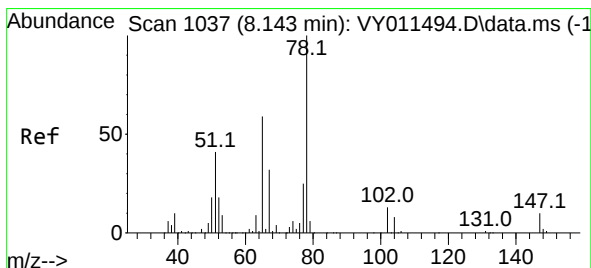
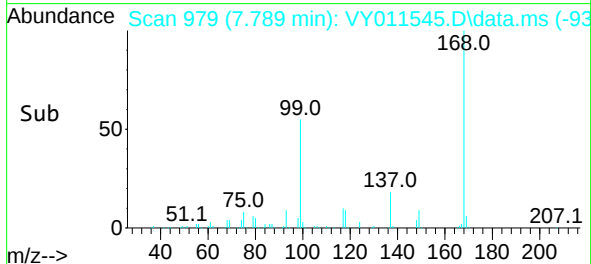
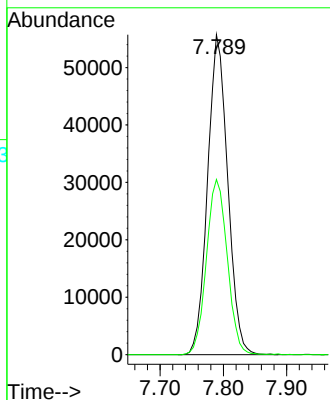
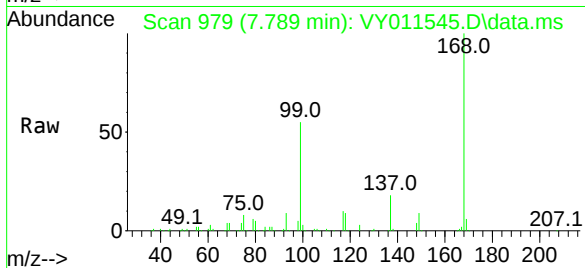




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011545.D
Acq: 22 Nov 2022 14:04

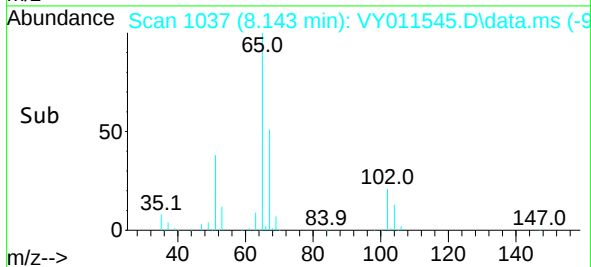
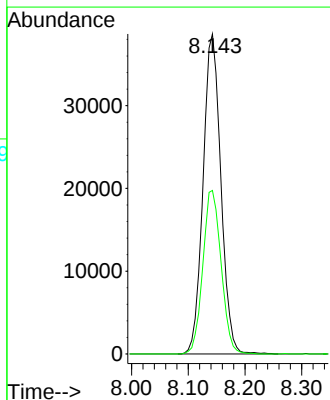
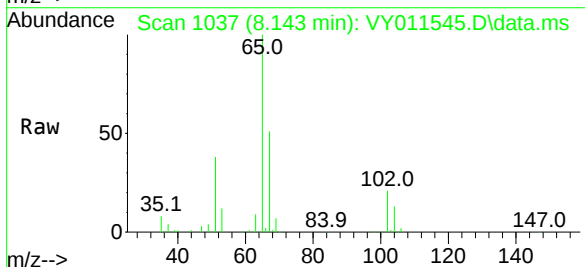
Instrument :
MSVOA_Y
ClientSampleId :
MH-82

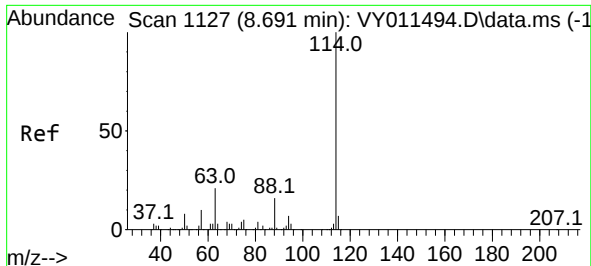
Tgt Ion:168 Resp: 123275
Ion Ratio Lower Upper
168 100
99 54.8 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 67.403 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY011545.D
Acq: 22 Nov 2022 14:04

Tgt Ion: 65 Resp: 84370
Ion Ratio Lower Upper
65 100
67 52.4 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: VY011545.D

Acq: 22 Nov 2022 14:04

Instrument :

MSVOA_Y

ClientSampleId :

MH-82

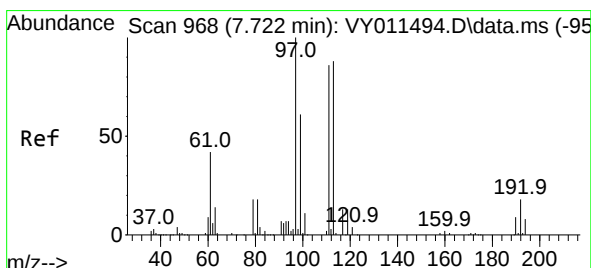
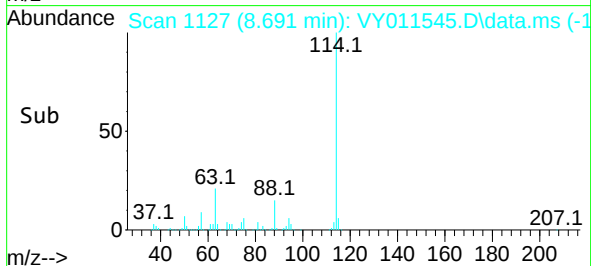
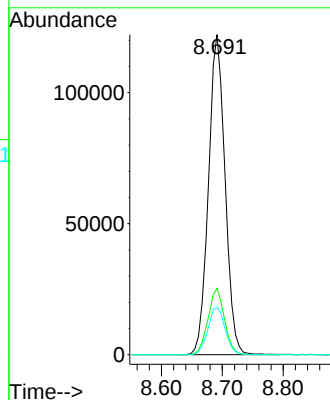
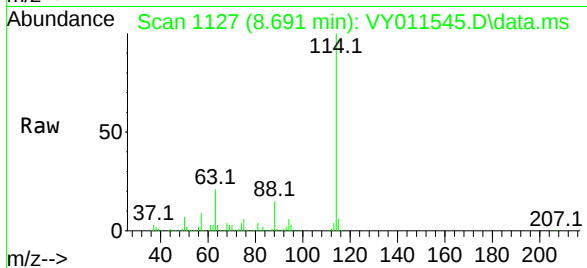
Tgt Ion:114 Resp: 231186

Ion Ratio Lower Upper

114 100

63 20.7 0.0 43.2

88 14.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 53.229 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY011545.D

Acq: 22 Nov 2022 14:04

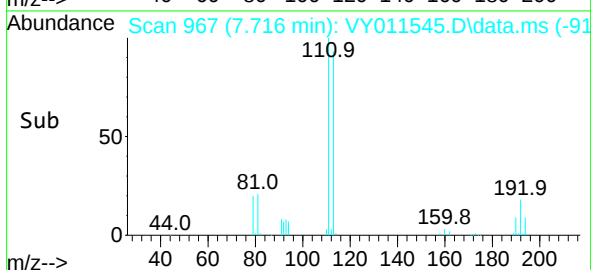
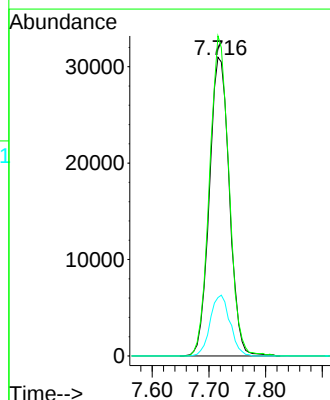
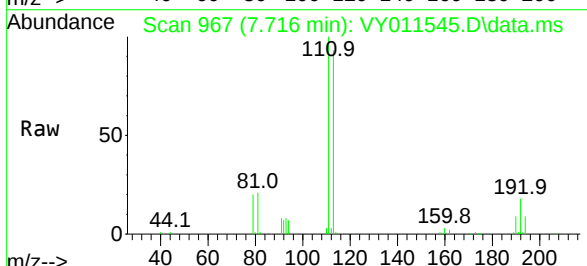
Tgt Ion:113 Resp: 75754

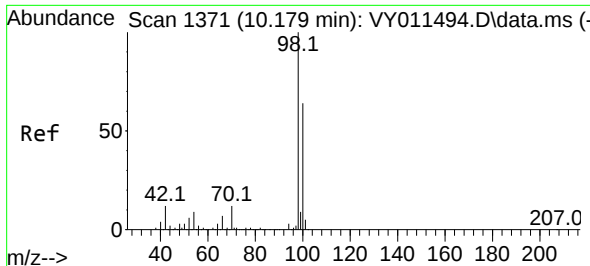
Ion Ratio Lower Upper

113 100

111 104.4 82.6 124.0

192 20.2 17.6 26.4

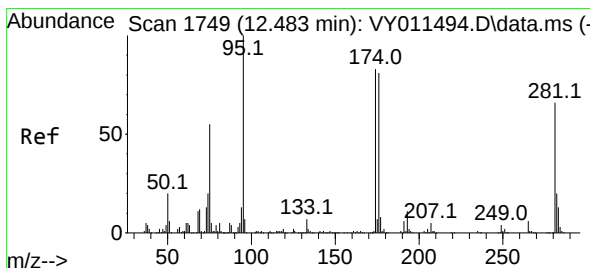
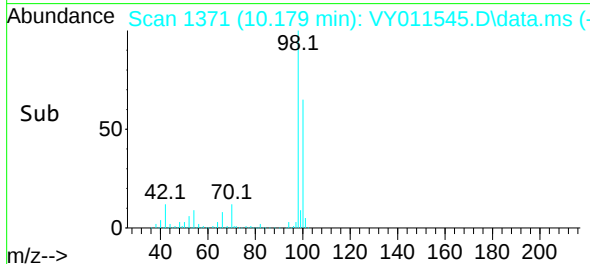
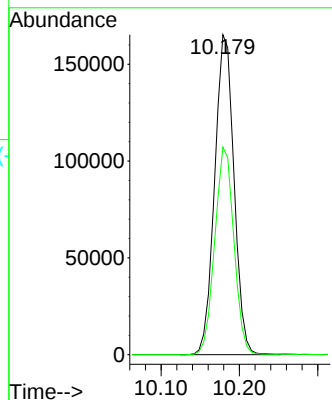
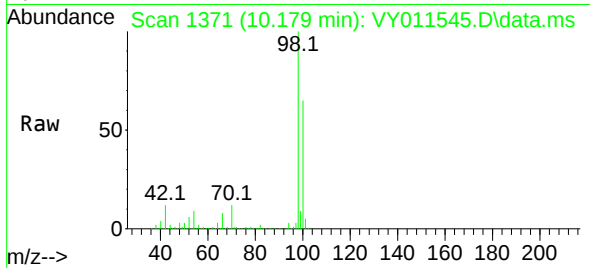




#50
Toluene-d8
Concen: 54.885 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011545.D
Acq: 22 Nov 2022 14:04

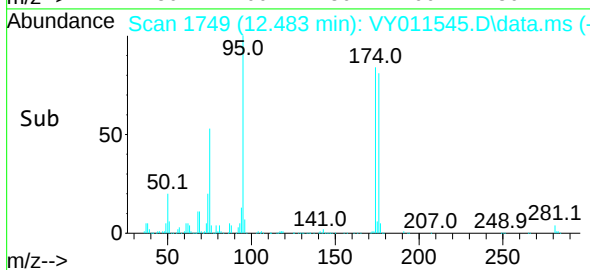
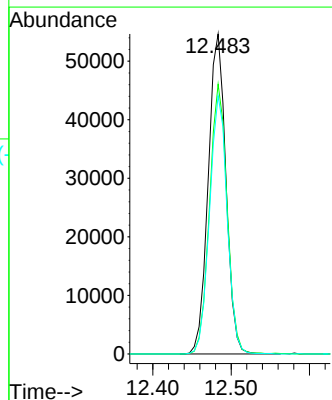
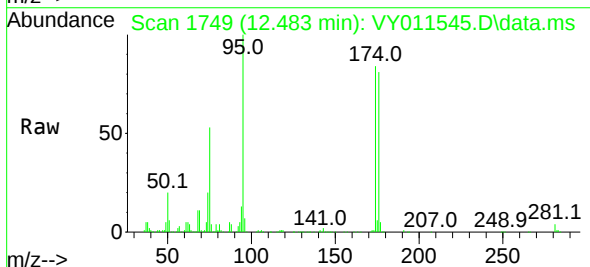
Instrument :
MSVOA_Y
ClientSampleId :
MH-82

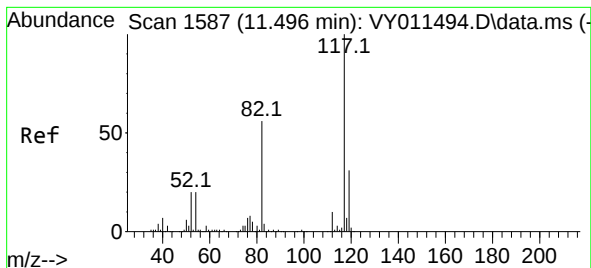
Tgt Ion: 98 Resp: 283844
Ion Ratio Lower Upper
98 100
100 64.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 44.790 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011545.D
Acq: 22 Nov 2022 14:04

Tgt Ion: 95 Resp: 85643
Ion Ratio Lower Upper
95 100
174 83.8 0.0 177.0
176 80.0 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY011545.D

Acq: 22 Nov 2022 14:04

Instrument :

MSVOA_Y

ClientSampleId :

MH-82

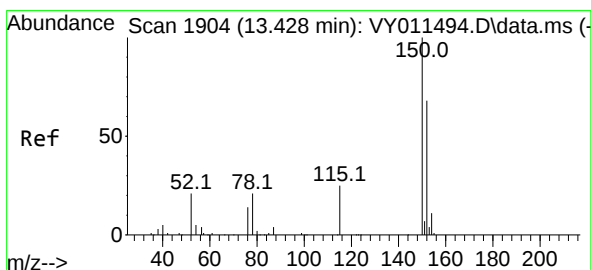
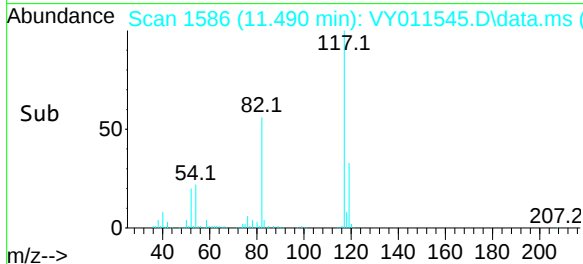
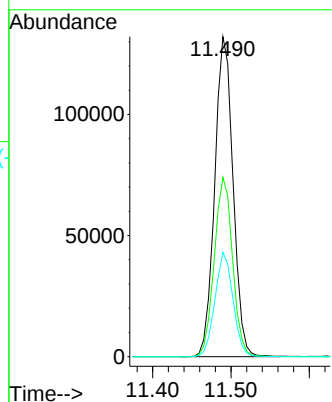
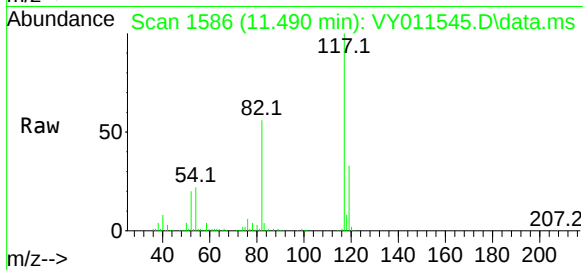
Tgt Ion:117 Resp: 214841

Ion Ratio Lower Upper

117 100

82 56.1 43.0 64.4

119 32.6 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: VY011545.D

Acq: 22 Nov 2022 14:04

Tgt Ion:152 Resp: 88338

Ion Ratio Lower Upper

152 100

115 59.6 28.2 84.7

150 157.6 0.0 347.6

