

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112322\
 Data File : VY011583.D
 Acq On : 23 Nov 2022 18:18
 Operator : KP/MD
 Sample : N5780-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-M

Quant Time: Nov 24 00:39:22 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	173790	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	326992	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	320288	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	145482	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	124944	70.804	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	141.600%
35) Dibromofluoromethane	7.716	113	109044	54.171	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.340%
50) Toluene-d8	10.179	98	405805	55.477	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.960%
62) 4-Bromofluorobenzene	12.483	95	133161	49.237	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.480%

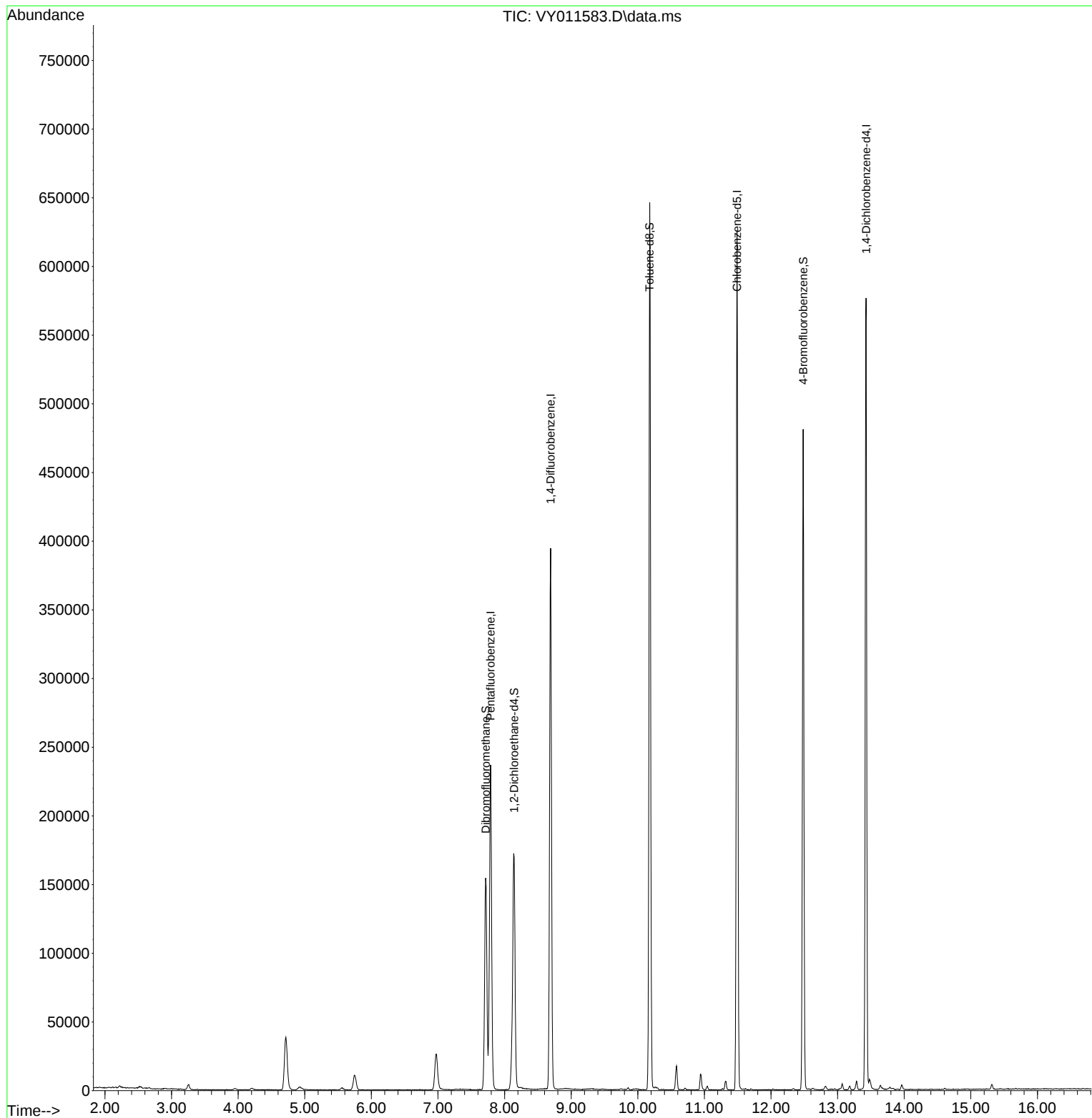
Target Compounds	Qvalue

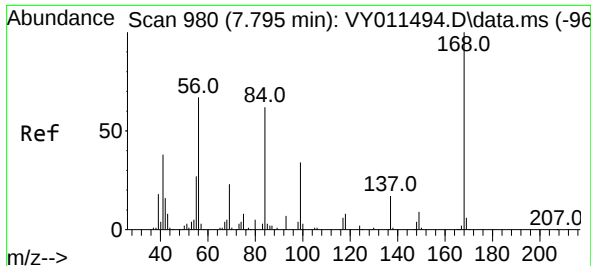
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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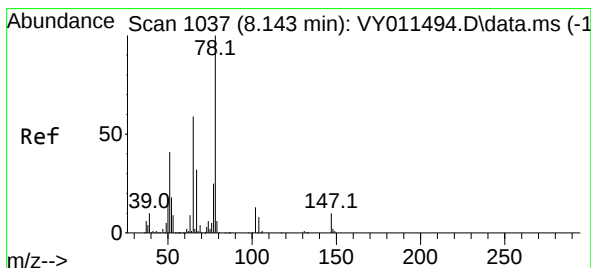
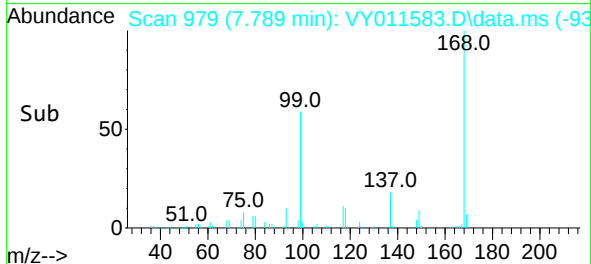
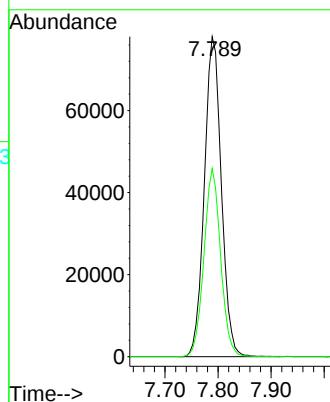
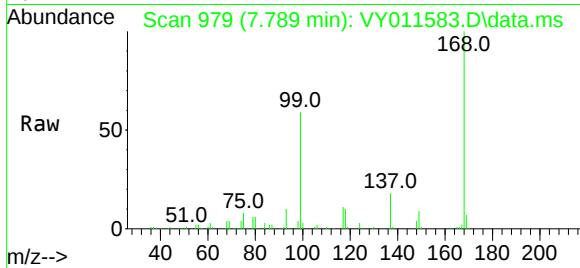




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011583.D
Acq: 23 Nov 2022 18:18

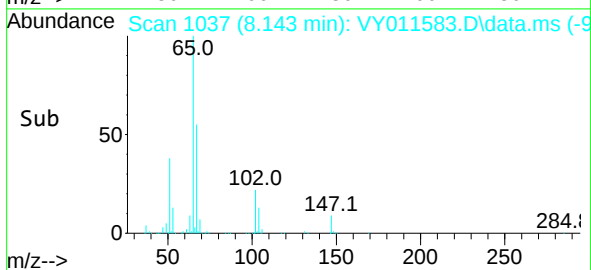
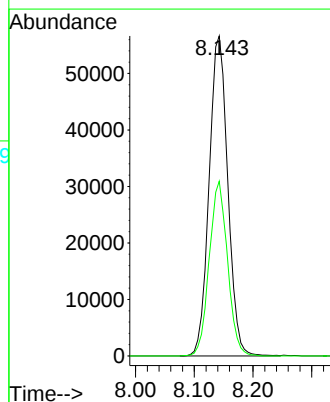
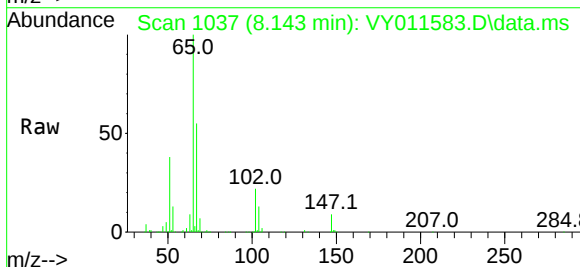
Instrument :
MSVOA_Y
ClientSampleId :
TP-M

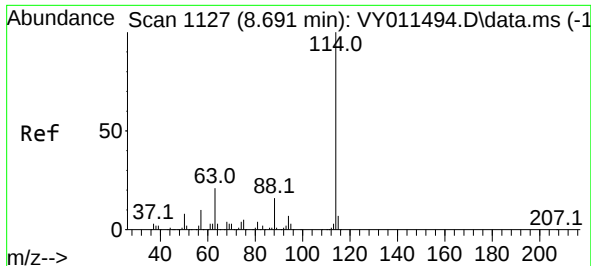
Tgt Ion:168 Resp: 173790
Ion Ratio Lower Upper
168 100
99 58.8 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 70.804 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY011583.D
Acq: 23 Nov 2022 18:18

Tgt Ion: 65 Resp: 124944
Ion Ratio Lower Upper
65 100
67 53.5 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: VY011583.D

Acq: 23 Nov 2022 18:18

Instrument :

MSVOA_Y

ClientSampleId :

TP-M

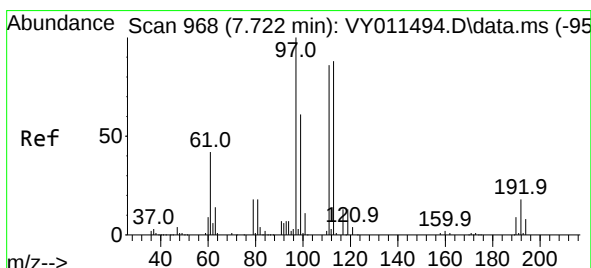
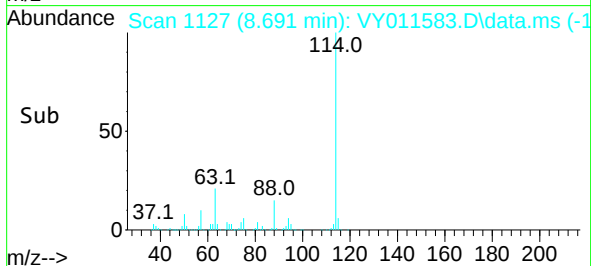
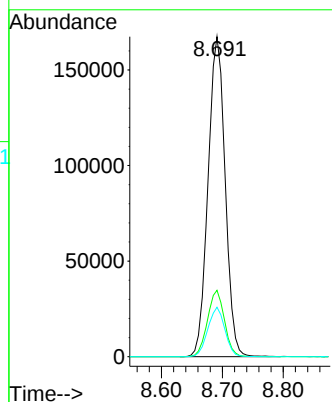
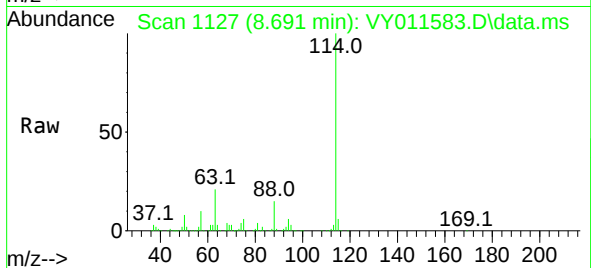
Tgt Ion:114 Resp: 326992

Ion Ratio Lower Upper

114 100

63 20.7 0.0 43.2

88 15.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 54.171 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY011583.D

Acq: 23 Nov 2022 18:18

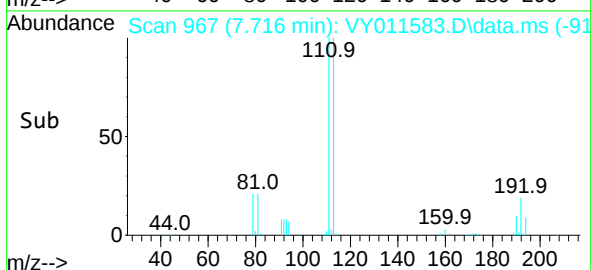
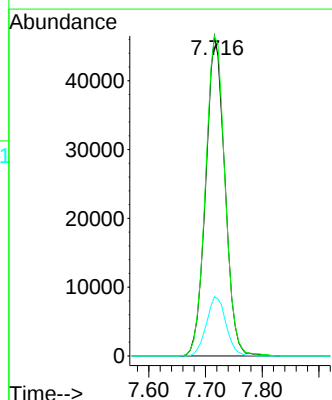
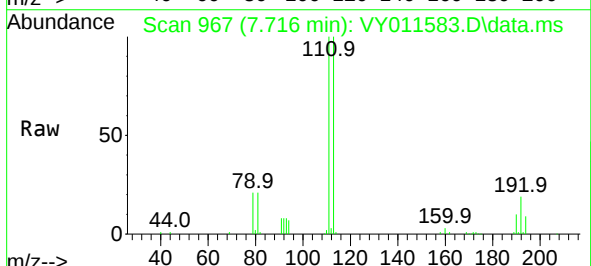
Tgt Ion:113 Resp: 109044

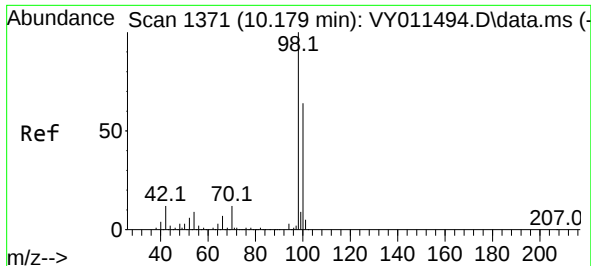
Ion Ratio Lower Upper

113 100

111 102.1 82.6 124.0

192 18.9 17.6 26.4

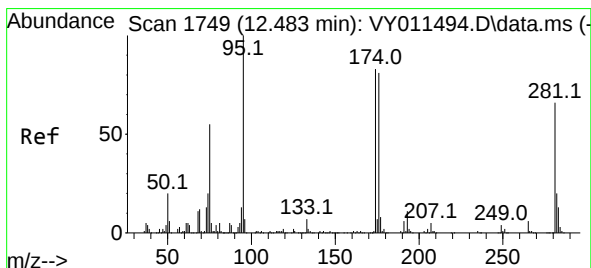
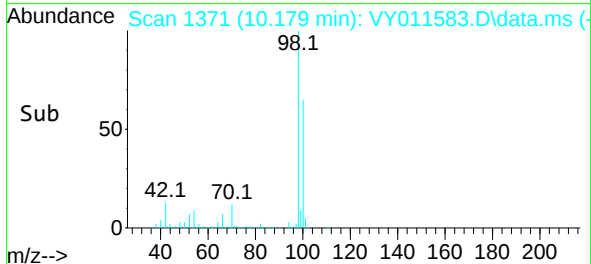
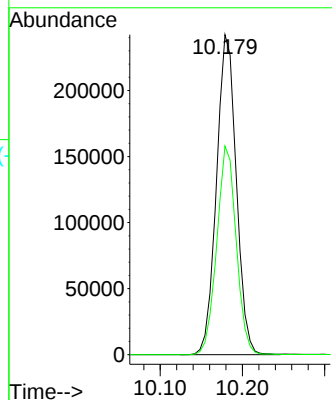
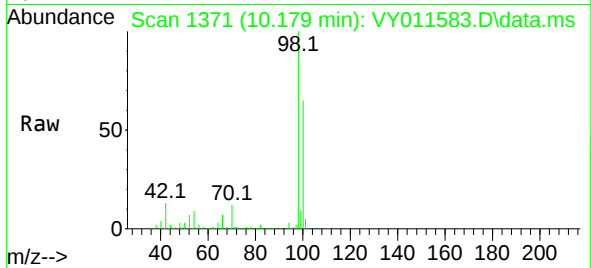




#50
Toluene-d8
Concen: 55.477 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011583.D
Acq: 23 Nov 2022 18:18

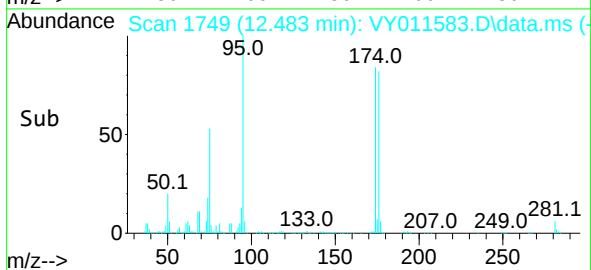
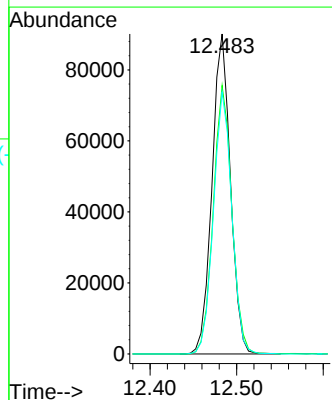
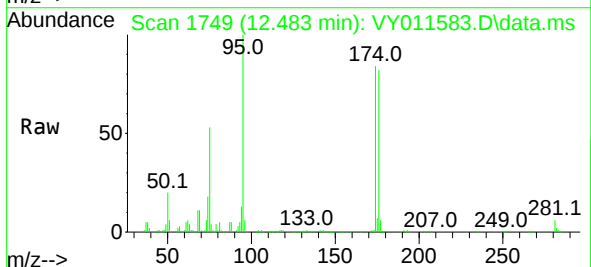
Instrument :
MSVOA_Y
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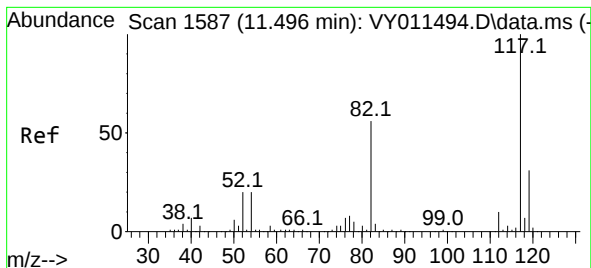
Tgt Ion: 98 Resp: 405805
Ion Ratio Lower Upper
98 100
100 64.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 49.237 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011583.D
Acq: 23 Nov 2022 18:18

Tgt Ion: 95 Resp: 133161
Ion Ratio Lower Upper
95 100
174 84.6 0.0 177.0
176 81.8 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: VY011583.D

Acq: 23 Nov 2022 18:18

Instrument :

MSVOA_Y

ClientSampleId :

TP-M

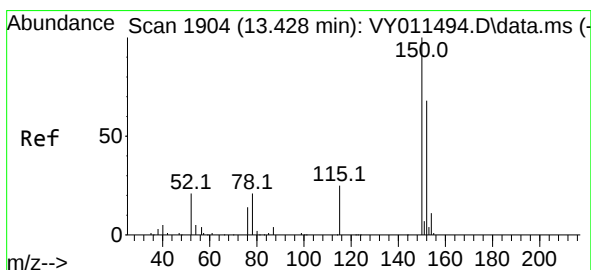
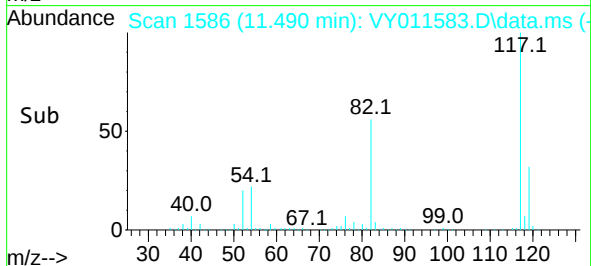
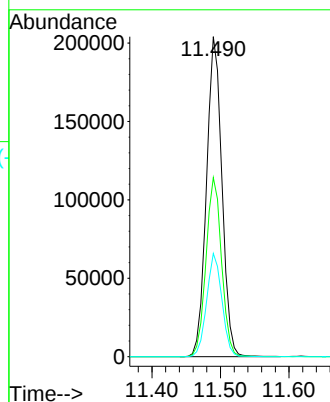
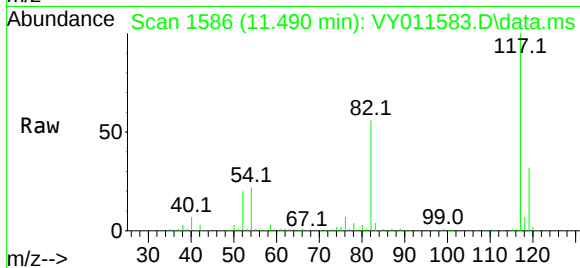
Tgt Ion:117 Resp: 320288

Ion Ratio Lower Upper

117 100

82 55.9 43.0 64.4

119 32.3 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: VY011583.D

Acq: 23 Nov 2022 18:18

Tgt Ion:152 Resp: 145482

Ion Ratio Lower Upper

152 100

115 58.5 28.2 84.7

150 156.8 0.0 347.6

