

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111122\
 Data File : VY011406.D
 Acq On : 11 Nov 2022 10:30
 Operator : KP/MD
 Sample : VY1111SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1111SBL01

Quant Time: Nov 11 13:32:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 10 17:47:26 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	245473	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	410416	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	367162	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	169940	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	107840	52.426	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.860%
35) Dibromofluoromethane	7.716	113	116425	50.618	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.240%
50) Toluene-d8	10.179	98	394592	44.907	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	89.820%
62) 4-Bromofluorobenzene	12.477	95	138292	45.123	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.240%

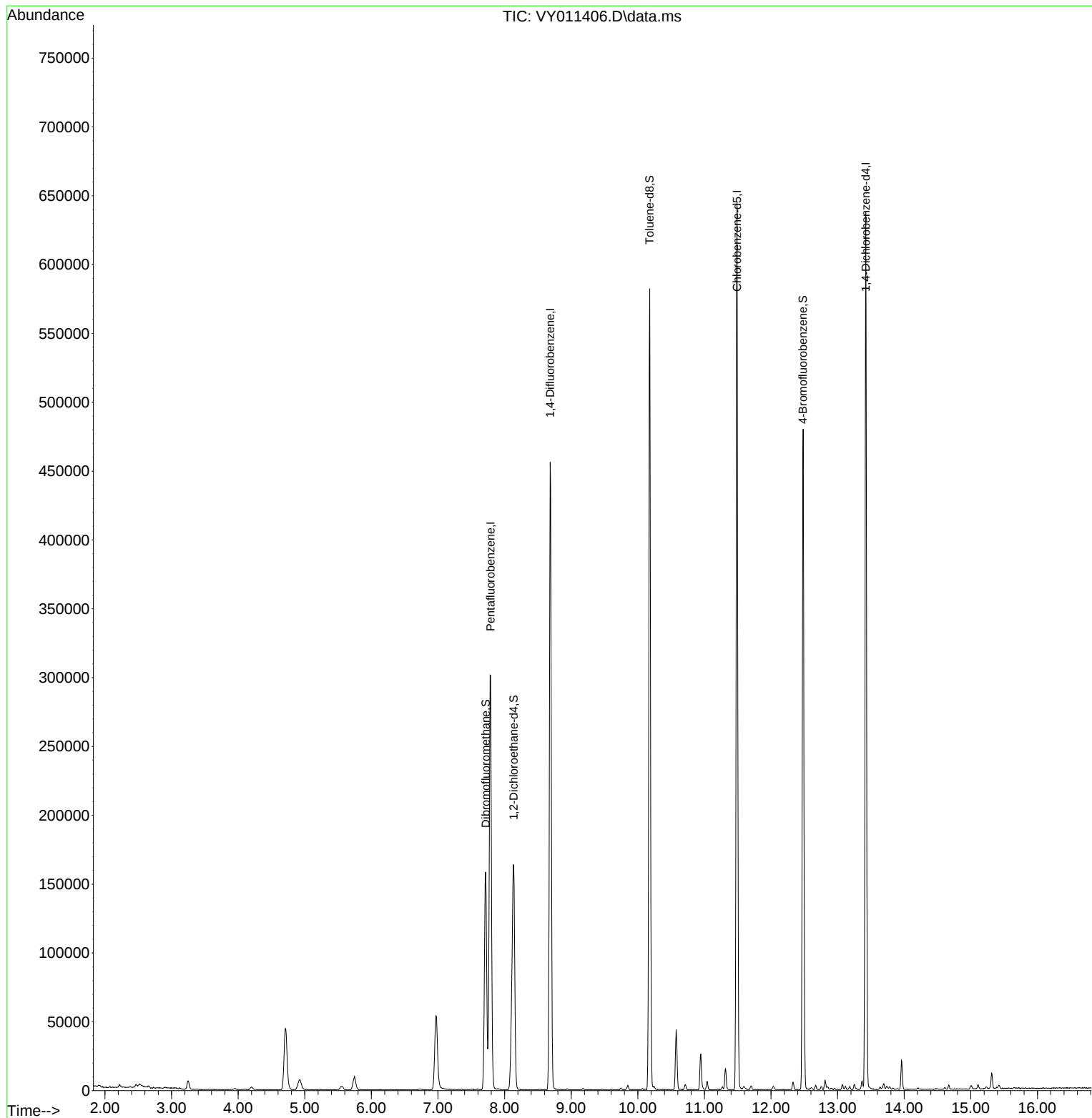
Target Compounds	Qvalue

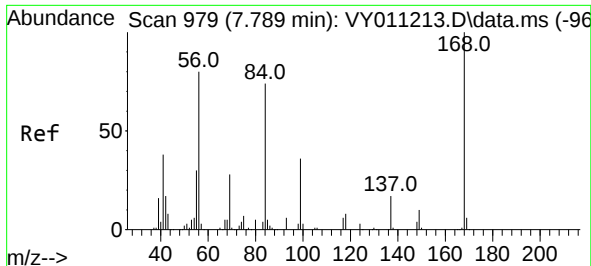
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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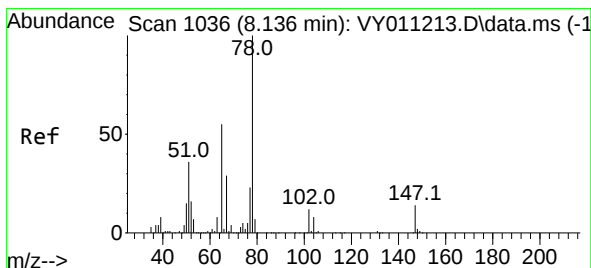
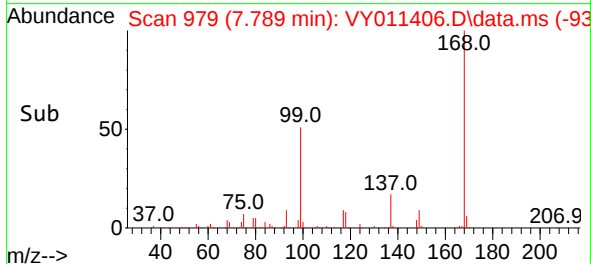
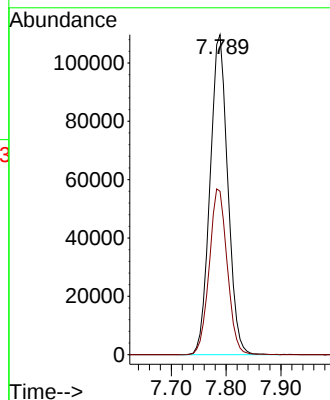
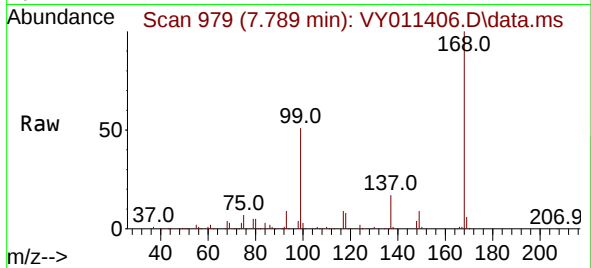




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011406.D
Acq: 11 Nov 2022 10:30

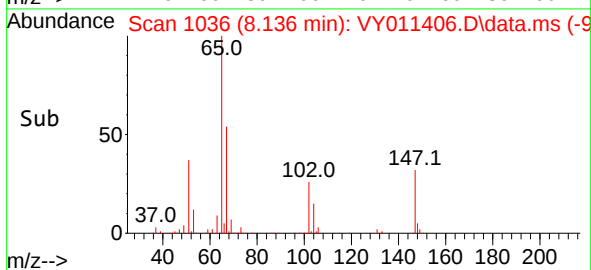
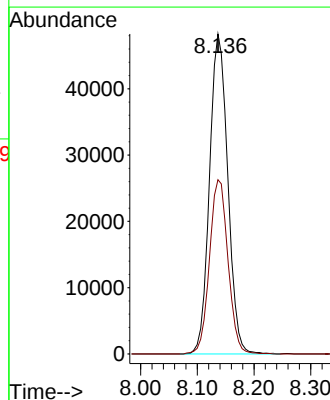
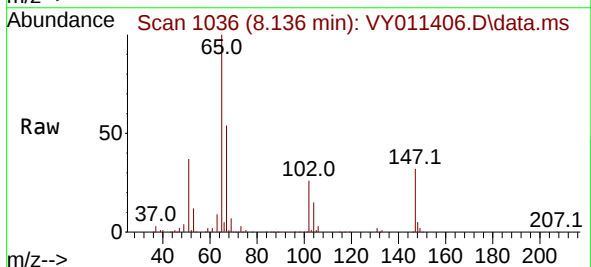
Instrument :
MSVOA_Y
ClientSampleId :
VY1111SBL01

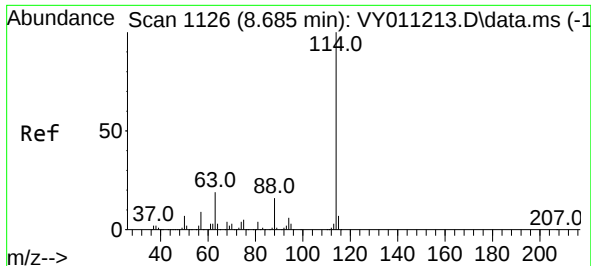
Tgt Ion:168 Resp: 245473
Ion Ratio Lower Upper
168 100
99 51.1 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 52.426 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY011406.D
Acq: 11 Nov 2022 10:30

Tgt Ion: 65 Resp: 107840
Ion Ratio Lower Upper
65 100
67 55.3 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY011406.D

Acq: 11 Nov 2022 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VY1111SBL01

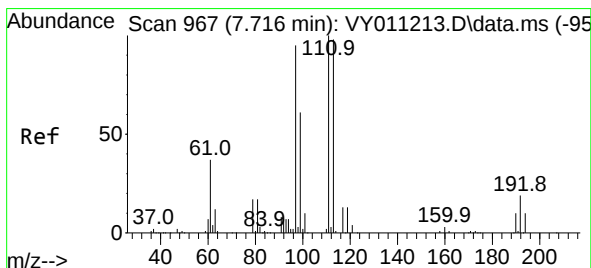
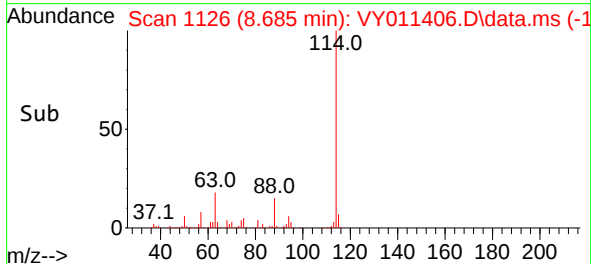
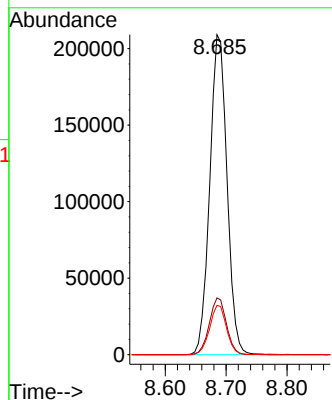
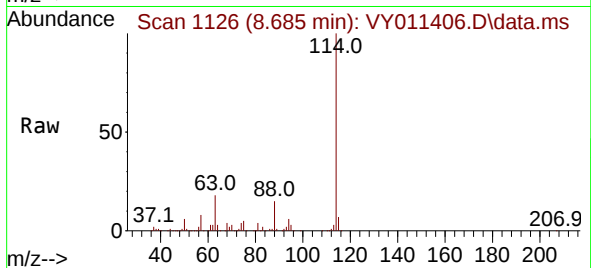
Tgt Ion:114 Resp: 410416

Ion Ratio Lower Upper

114 100

63 17.8 0.0 43.2

88 15.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 50.618 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY011406.D

Acq: 11 Nov 2022 10:30

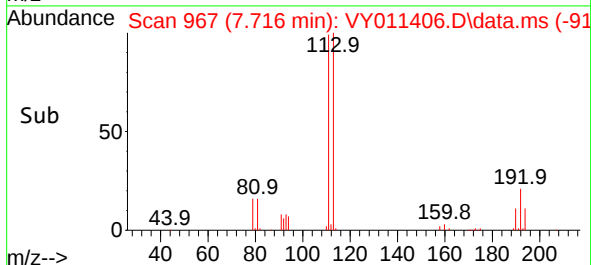
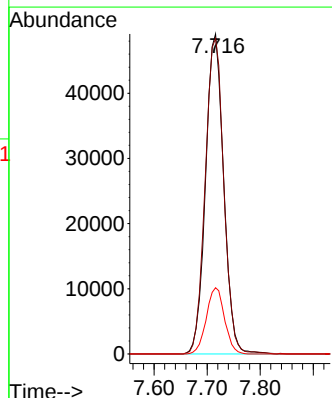
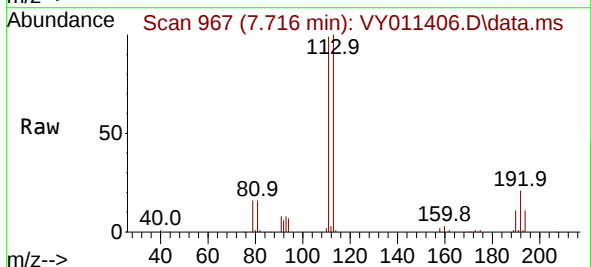
Tgt Ion:113 Resp: 116425

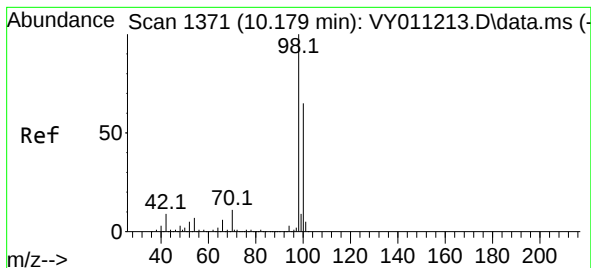
Ion Ratio Lower Upper

113 100

111 101.2 82.6 124.0

192 20.8 17.6 26.4

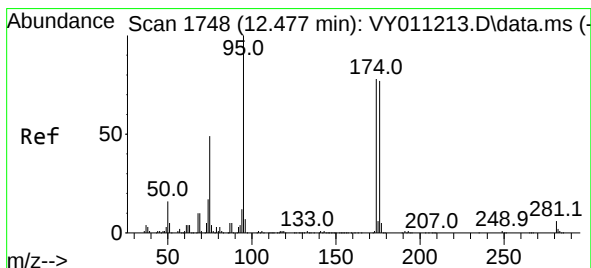
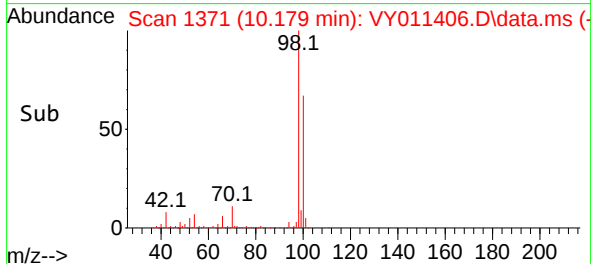
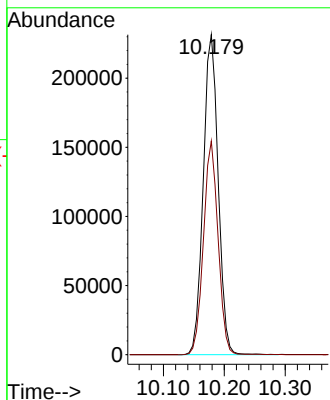
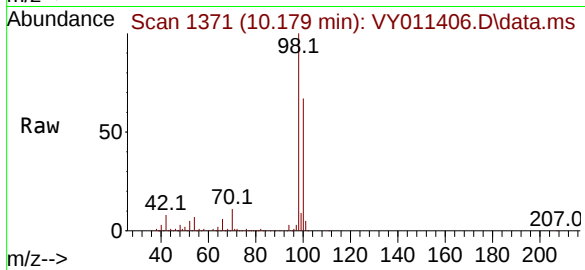




#50
Toluene-d8
Concen: 44.907 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011406.D
Acq: 11 Nov 2022 10:30

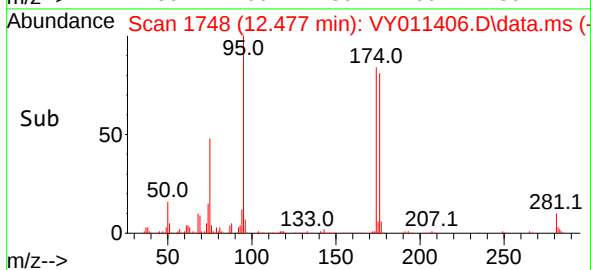
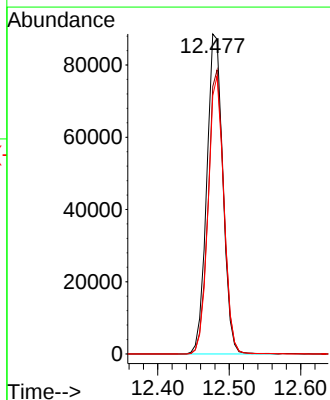
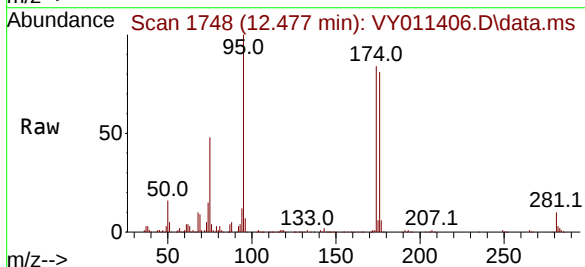
Instrument :
MSVOA_Y
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VY1111SBL01

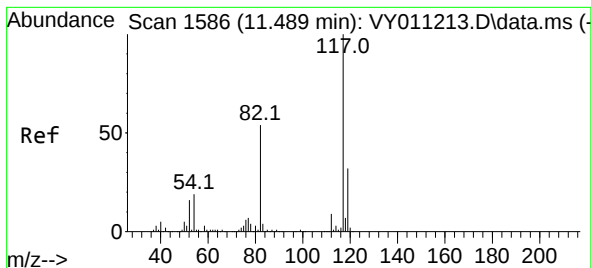
Tgt Ion: 98 Resp: 394592
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 45.123 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011406.D
Acq: 11 Nov 2022 10:30

Tgt Ion: 95 Resp: 138292
Ion Ratio Lower Upper
95 100
174 86.7 0.0 177.0
176 84.7 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY011406.D

Acq: 11 Nov 2022 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VY1111SBL01

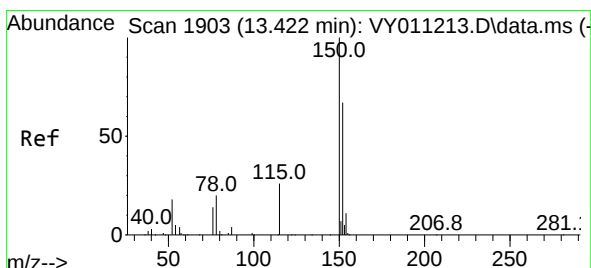
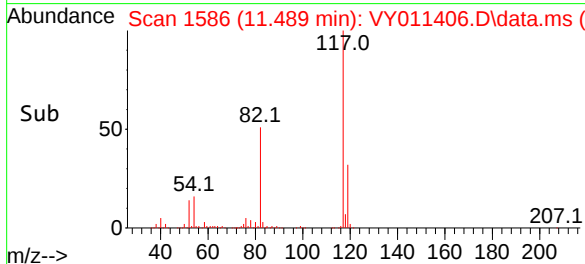
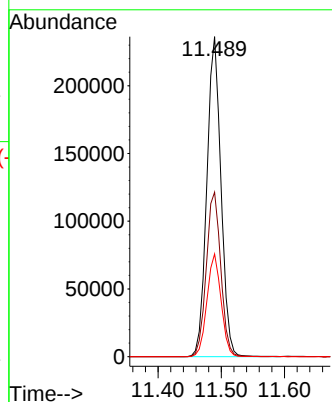
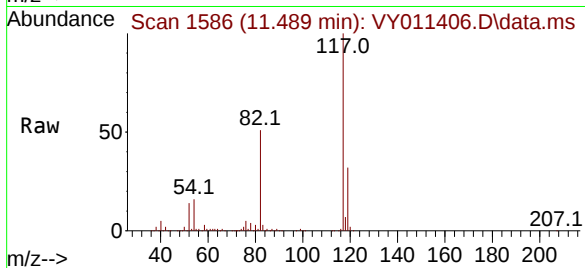
Tgt Ion:117 Resp: 367162

Ion Ratio Lower Upper

117 100

82 51.4 43.0 64.4

119 32.1 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY011406.D

Acq: 11 Nov 2022 10:30

Tgt Ion:152 Resp: 169940

Ion Ratio Lower Upper

152 100

115 57.6 28.2 84.7

150 156.2 0.0 347.6

