

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062322\
 Data File : VY009289.D
 Acq On : 23 Jun 2022 12:51
 Operator : KP/MD
 Sample : N3450-01
 Misc : 4.60g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PH1-BOT-16

Quant Time: Jun 24 09:22:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 21 14:08:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	214003	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	372668	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	348701	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	157993	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	121627	51.749	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.500%
35) Dibromofluoromethane	7.716	113	113205	46.905	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.820%
50) Toluene-d8	10.179	98	440733	47.537	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.080%
62) 4-Bromofluorobenzene	12.477	95	150755	46.274	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.540%

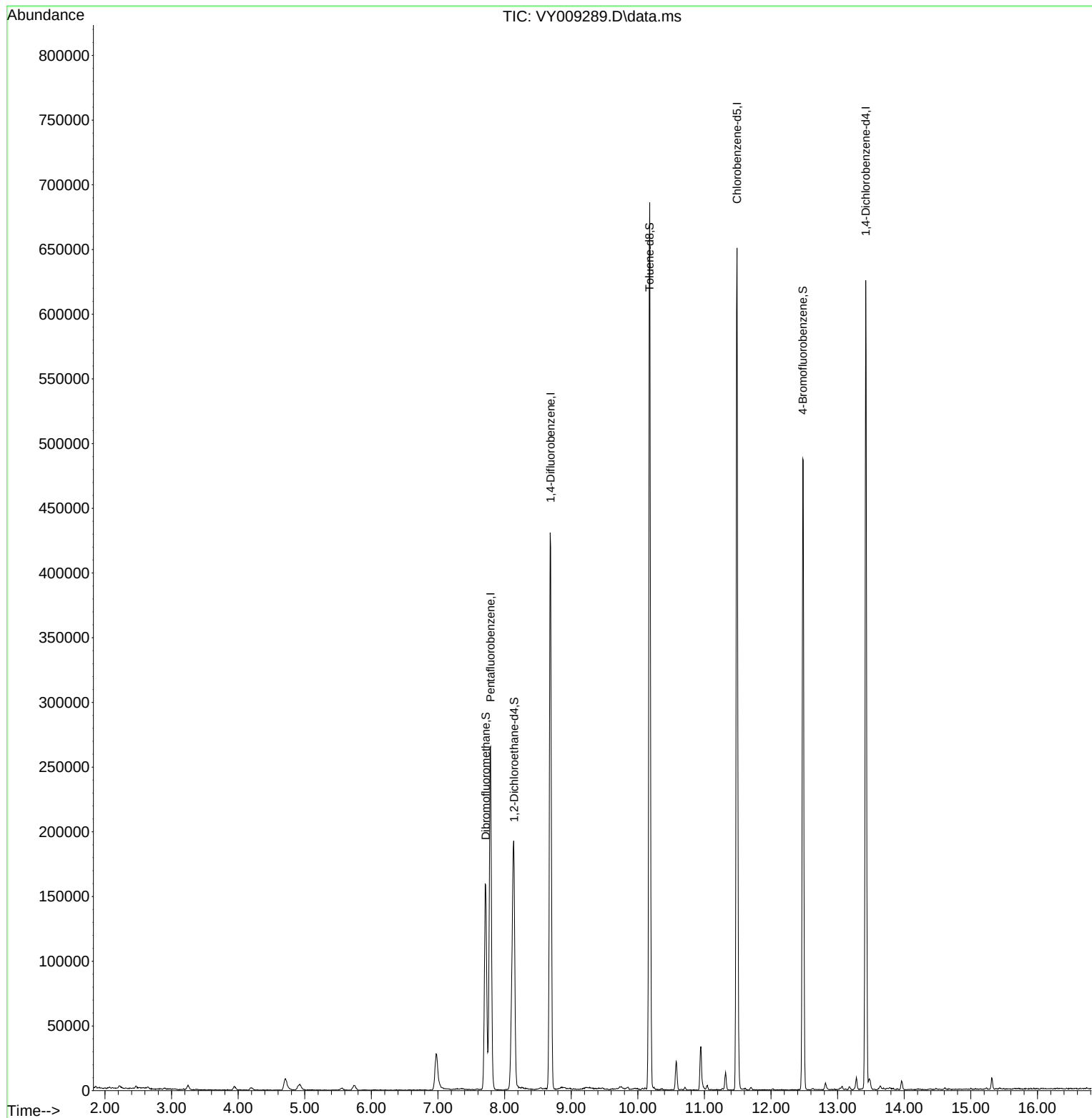
Target Compounds	Qvalue

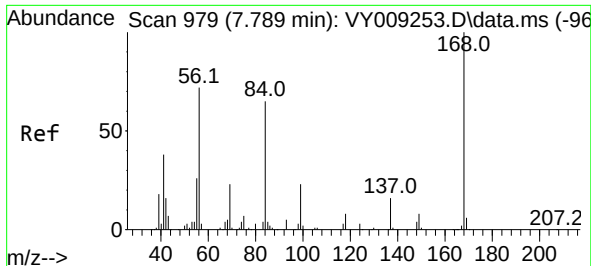
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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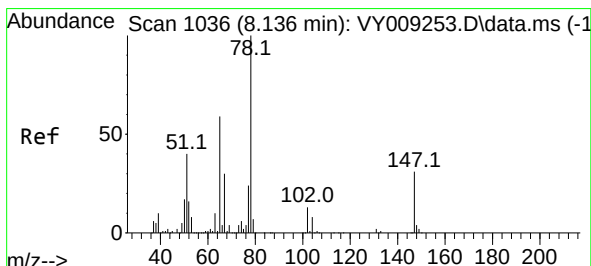
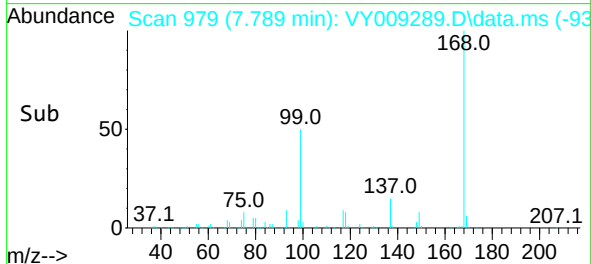
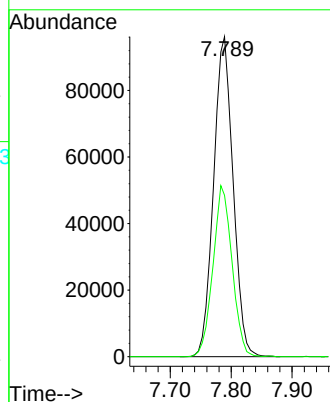
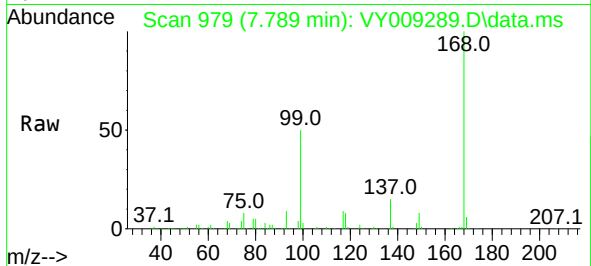




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009289.D
Acq: 23 Jun 2022 12:51

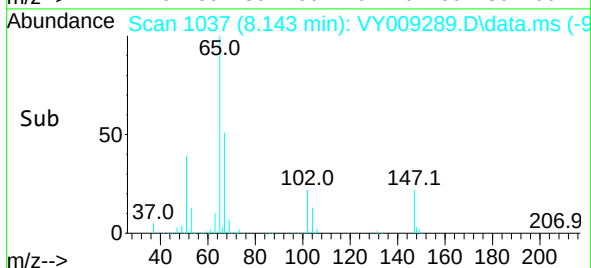
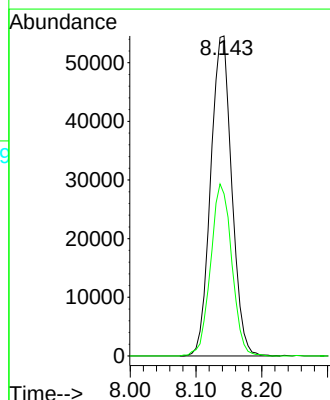
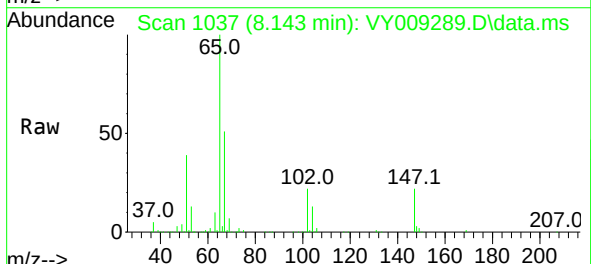
Instrument :
MSVOA_Y
ClientSampleId :
PH1-BOT-16

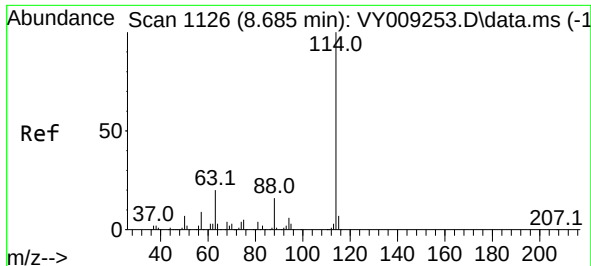
Tgt Ion:168 Resp: 214003
Ion Ratio Lower Upper
168 100
99 50.5 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 51.749 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY009289.D
Acq: 23 Jun 2022 12:51

Tgt Ion: 65 Resp: 121627
Ion Ratio Lower Upper
65 100
67 54.0 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY009289.D

Acq: 23 Jun 2022 12:51

Instrument :

MSVOA_Y

ClientSampleId :

PH1-BOT-16

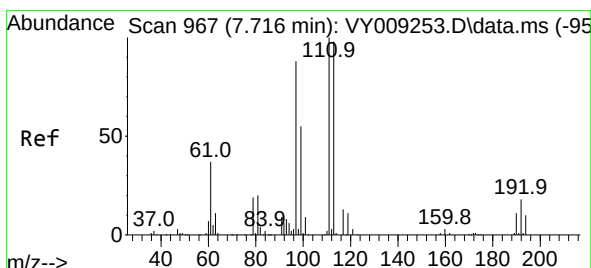
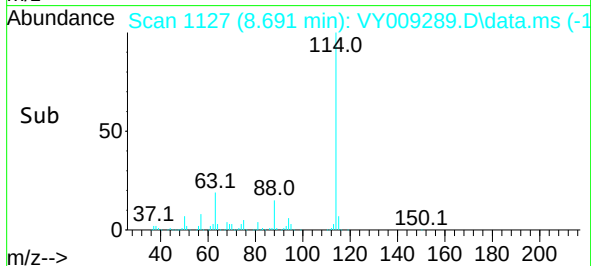
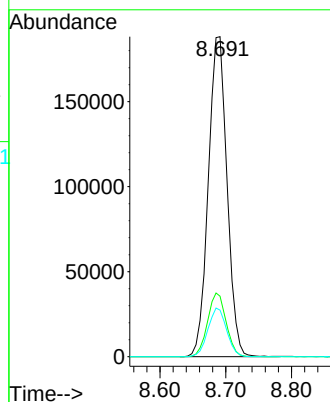
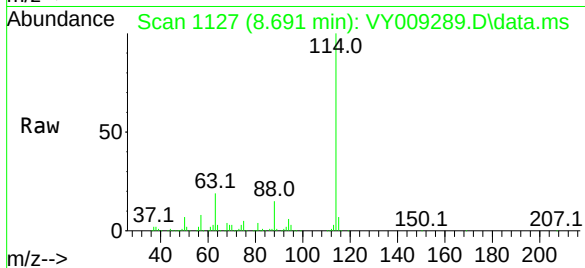
Tgt Ion:114 Resp: 372668

Ion Ratio Lower Upper

114 100

63 18.9 0.0 43.2

88 14.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 46.905 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY009289.D

Acq: 23 Jun 2022 12:51

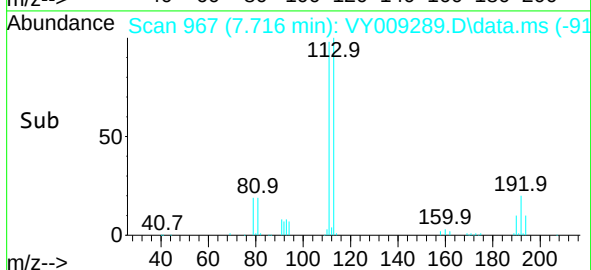
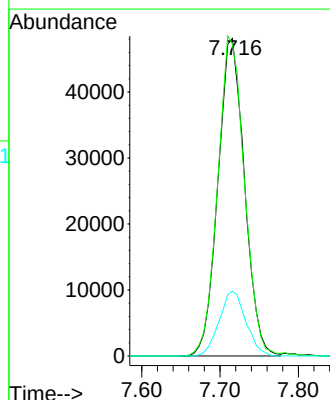
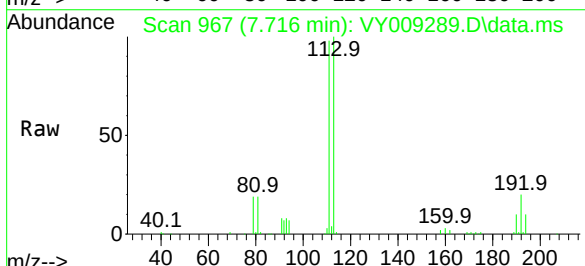
Tgt Ion:113 Resp: 113205

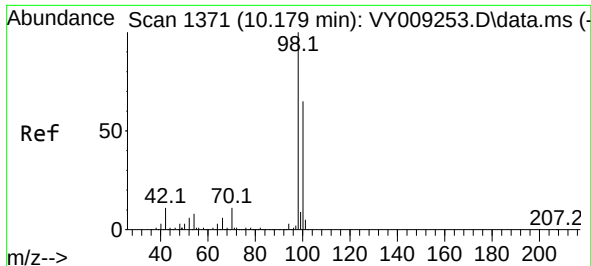
Ion Ratio Lower Upper

113 100

111 101.8 82.6 124.0

192 20.5 17.6 26.4

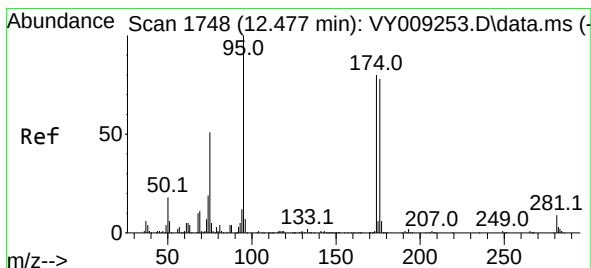
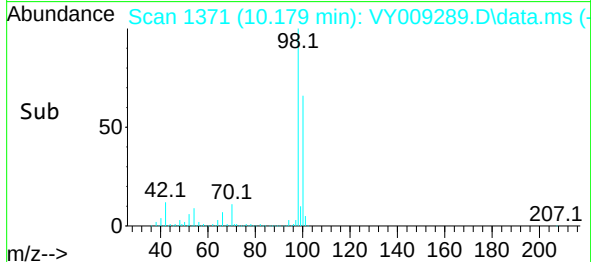
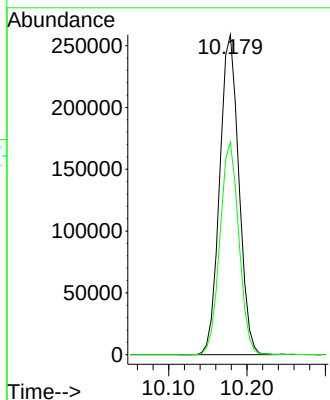
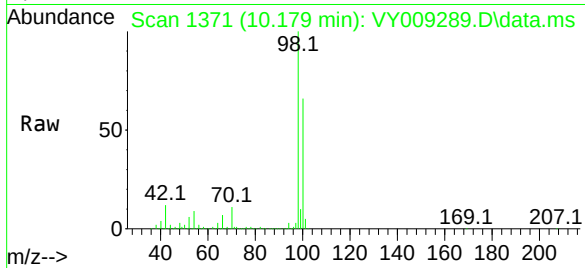




#50
Toluene-d8
Concen: 47.537 ug/l
RT: 10.179 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY009289.D
Acq: 23 Jun 2022 12:51

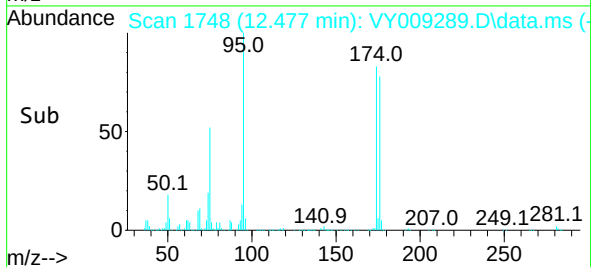
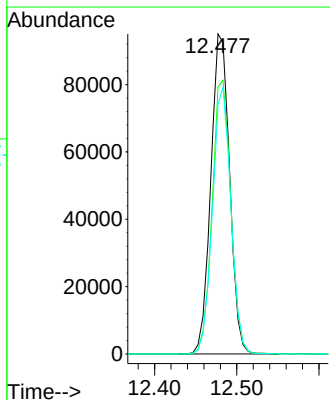
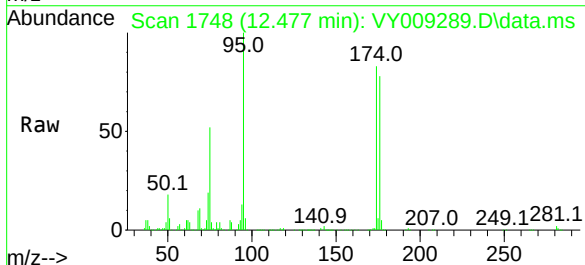
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PH1-BOT-16

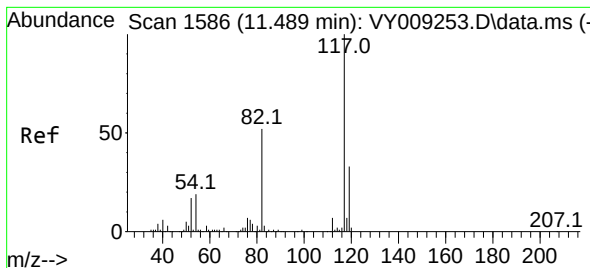
Tgt Ion: 98 Resp: 440733
Ion Ratio Lower Upper
98 100
100 65.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 46.274 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009289.D
Acq: 23 Jun 2022 12:51

Tgt Ion: 95 Resp: 150755
Ion Ratio Lower Upper
95 100
174 85.2 0.0 177.0
176 81.5 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009289.D

Acq: 23 Jun 2022 12:51

Instrument :

MSVOA_Y

ClientSampleId :

PH1-BOT-16

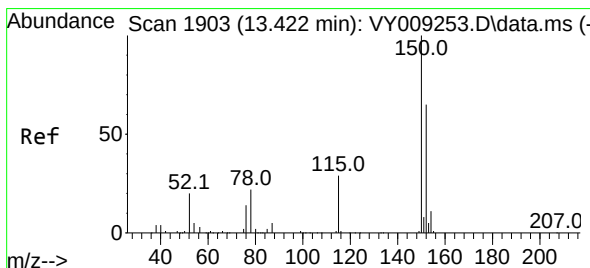
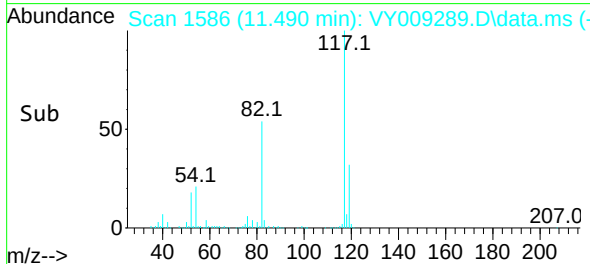
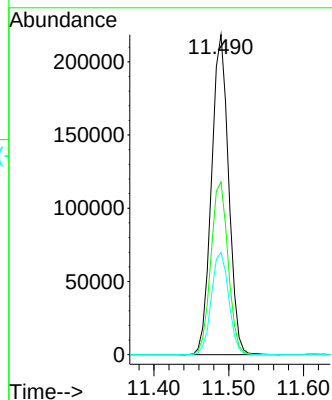
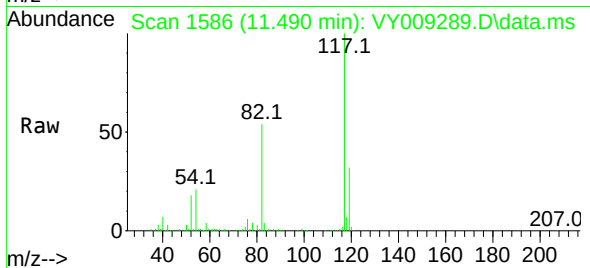
Tgt Ion:117 Resp: 348701

Ion Ratio Lower Upper

117 100

82 54.0 43.0 64.4

119 31.9 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: VY009289.D

Acq: 23 Jun 2022 12:51

Tgt Ion:152 Resp: 157993

Ion Ratio Lower Upper

152 100

115 56.0 28.2 84.7

150 156.2 0.0 347.6

