

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030923\
 Data File : VY012905.D
 Acq On : 09 Mar 2023 17:37
 Operator : KP/MD
 Sample : 01846-03
 Misc : 5.48g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-4

Quant Time: Mar 10 00:33:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	81638	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	135593	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	125055	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	57167	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	53453	65.946	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	131.900%
35) Dibromofluoromethane	7.716	113	46218	56.480	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.960%
50) Toluene-d8	10.179	98	162272	54.243	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.480%
62) 4-Bromofluorobenzene	12.483	95	49338	48.863	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.720%

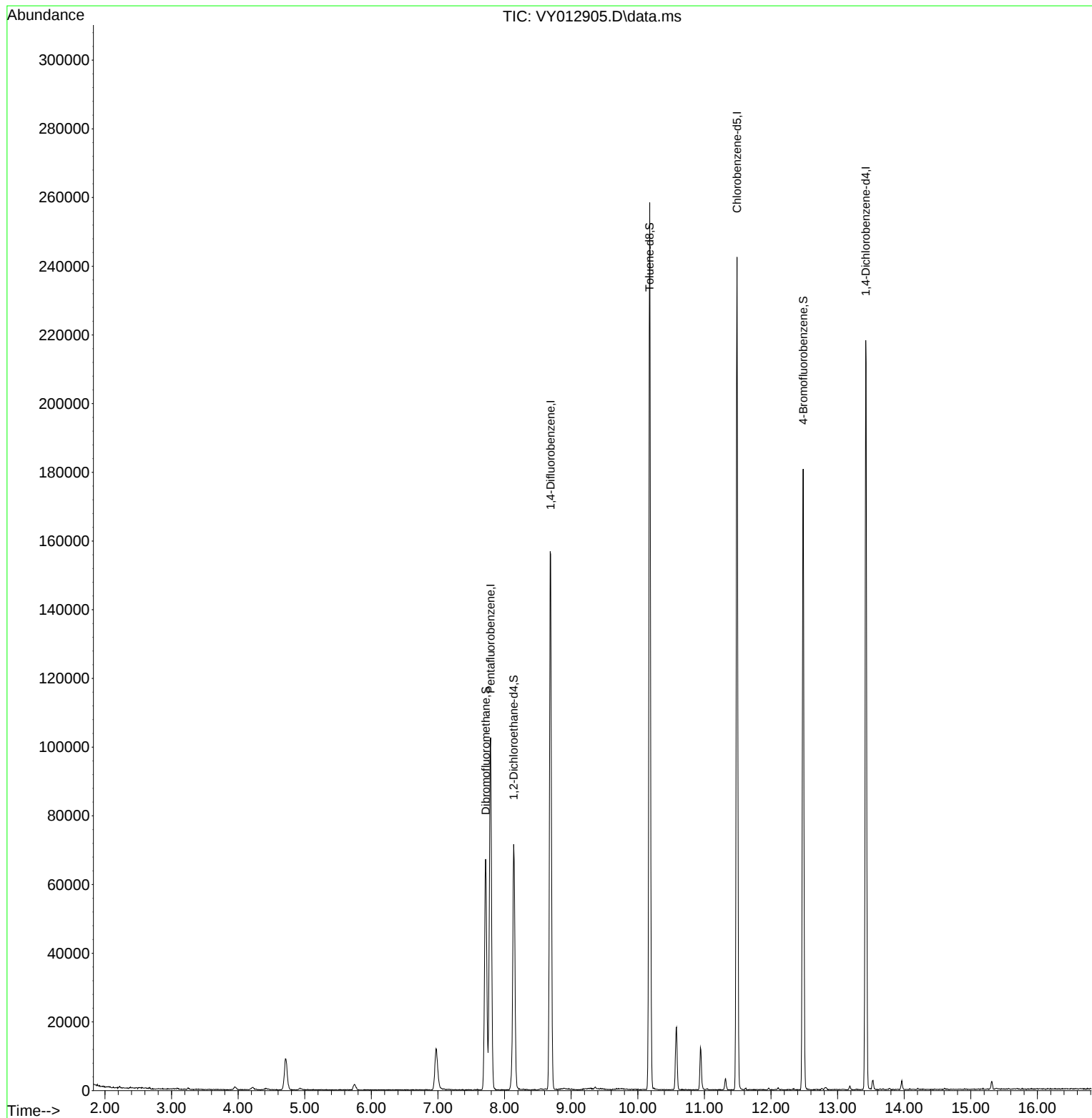
Target Compounds	Qvalue

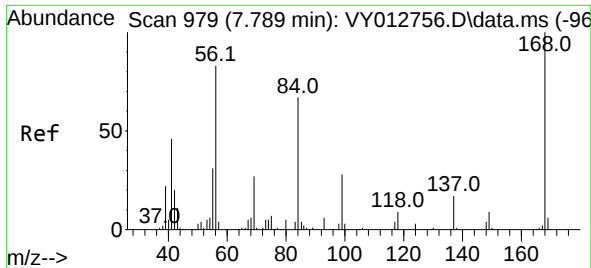
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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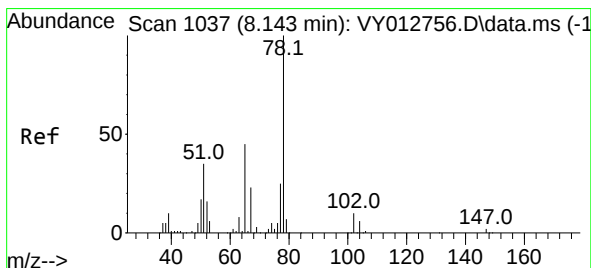
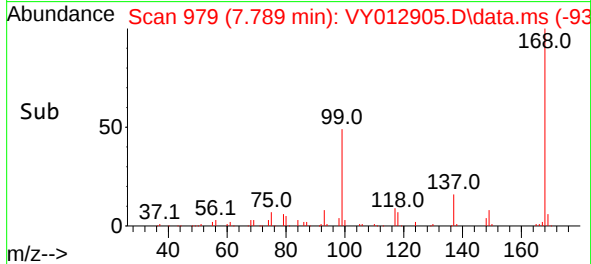
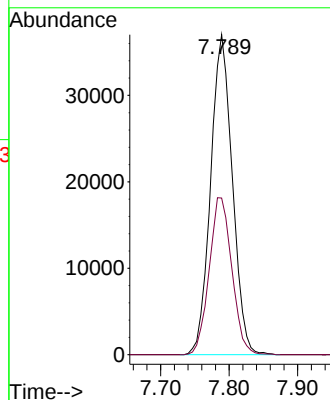
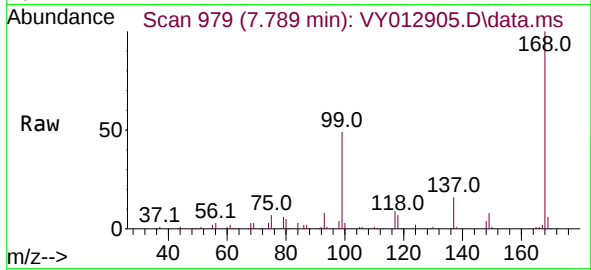




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012905.D
Acq: 09 Mar 2023 17:37

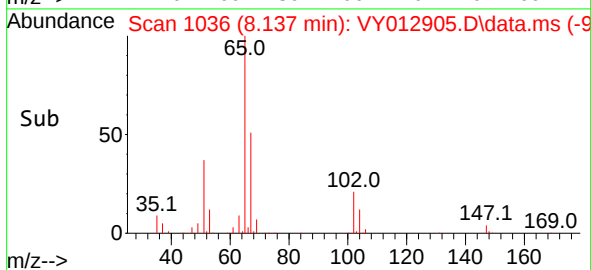
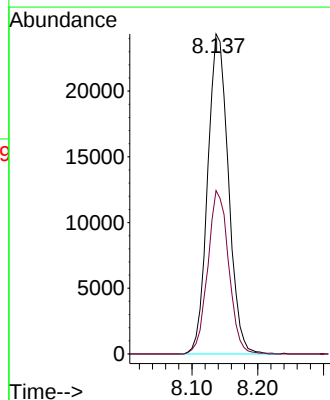
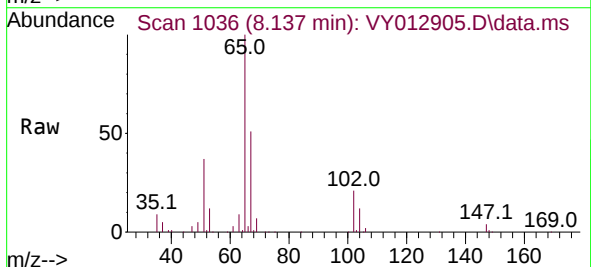
Instrument :
MSVOA_Y
ClientSampleId :
TP-4

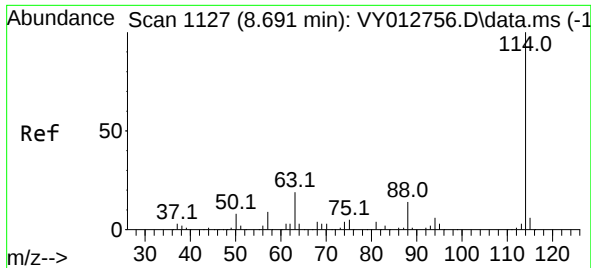
Tgt Ion:168 Resp: 81638
Ion Ratio Lower Upper
168 100
99 48.9 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 65.946 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY012905.D
Acq: 09 Mar 2023 17:37

Tgt Ion: 65 Resp: 53453
Ion Ratio Lower Upper
65 100
67 51.5 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012905.D

Acq: 09 Mar 2023 17:37

Instrument :

MSVOA_Y

ClientSampleId :

TP-4

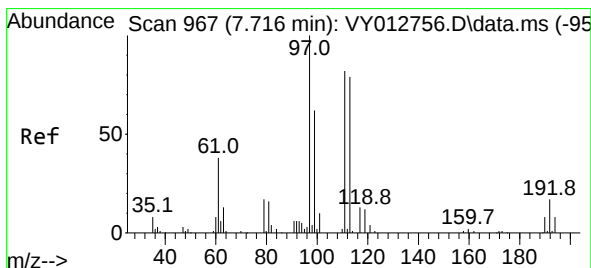
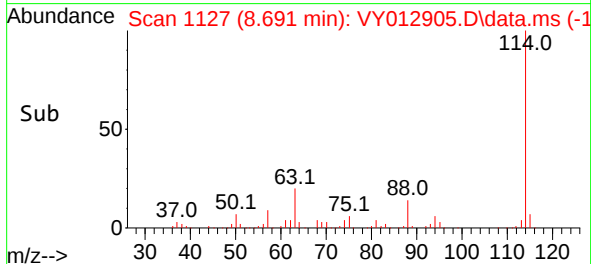
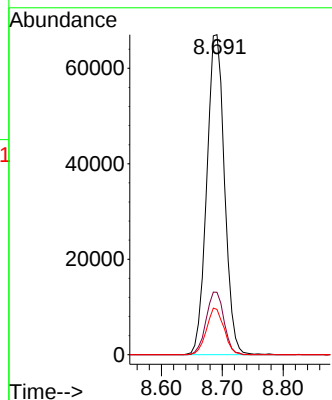
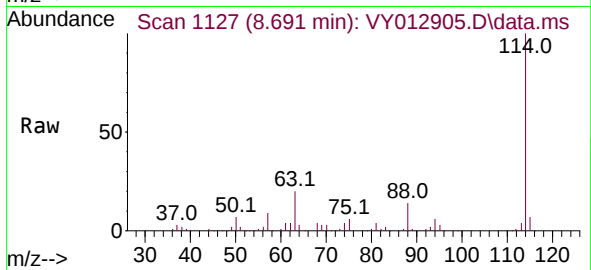
Tgt Ion:114 Resp: 135593

Ion Ratio Lower Upper

114 100

63 19.5 0.0 37.4

88 14.1 0.0 28.6



#35

Dibromofluoromethane

Concen: 56.480 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY012905.D

Acq: 09 Mar 2023 17:37

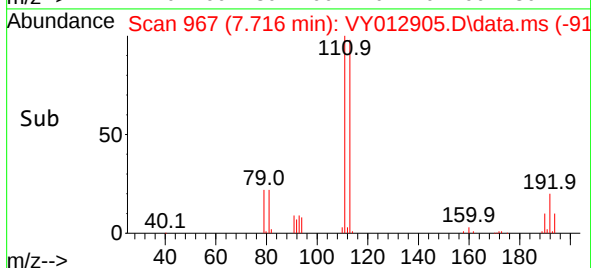
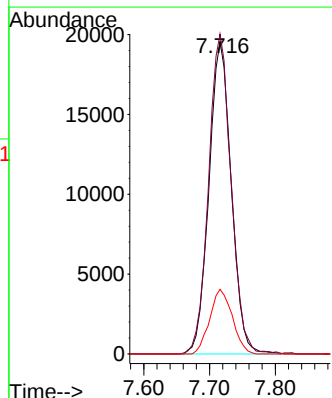
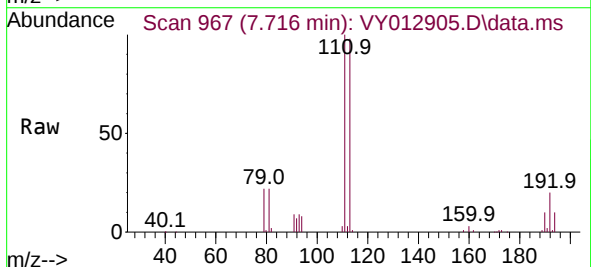
Tgt Ion:113 Resp: 46218

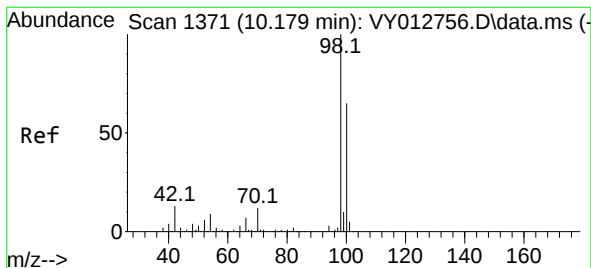
Ion Ratio Lower Upper

113 100

111 103.3 82.2 123.2

192 20.9 16.8 25.2





#50

Toluene-d8

Concen: 54.243 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY012905.D

Acq: 09 Mar 2023 17:37

Instrument :

MSVOA_Y

ClientSampleId :

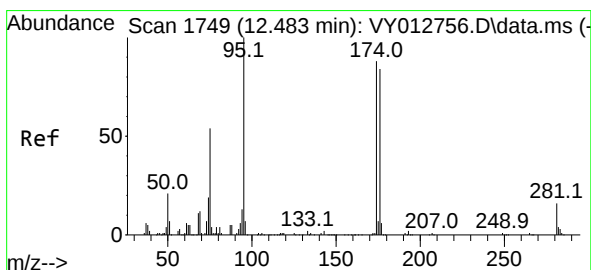
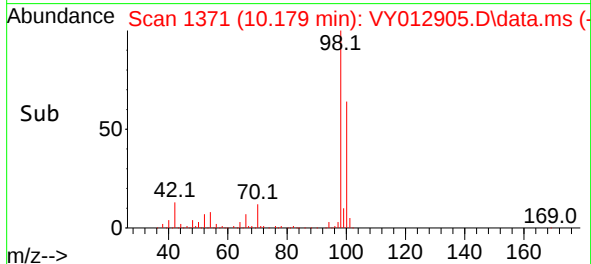
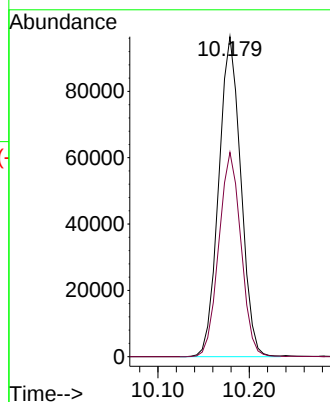
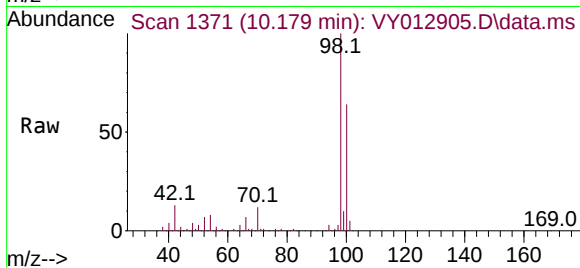
TP-4

Tgt Ion: 98 Resp: 162272

Ion Ratio Lower Upper

98 100

100 63.8 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 48.863 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY012905.D

Acq: 09 Mar 2023 17:37

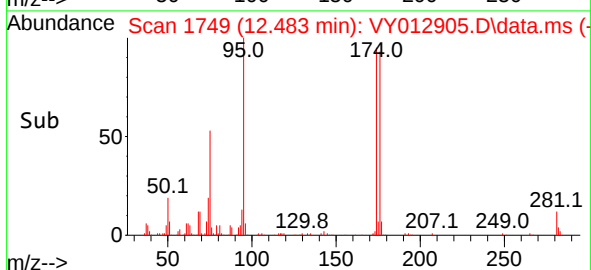
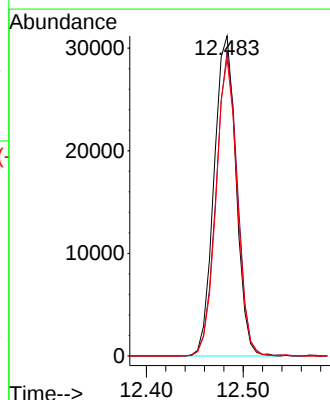
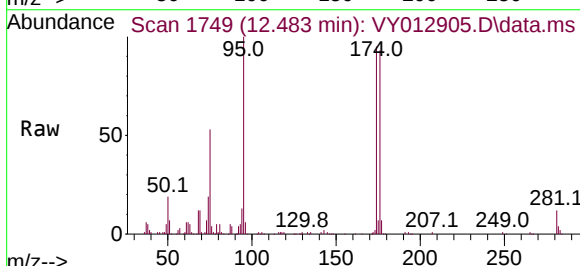
Tgt Ion: 95 Resp: 49338

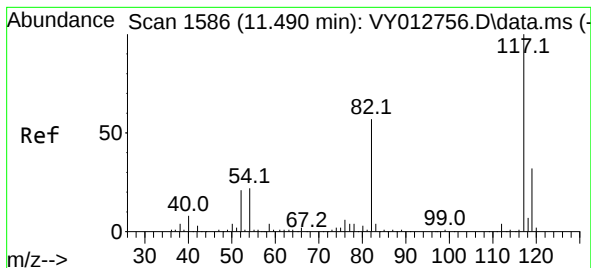
Ion Ratio Lower Upper

95 100

174 92.2 0.0 176.6

176 89.0 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 117

Delta R.T. 0.000 min

Lab File: VY012905.D

Acq: 09 Mar 2023 17:37

Instrument :

MSVOA_Y

ClientSampleId :

TP-4

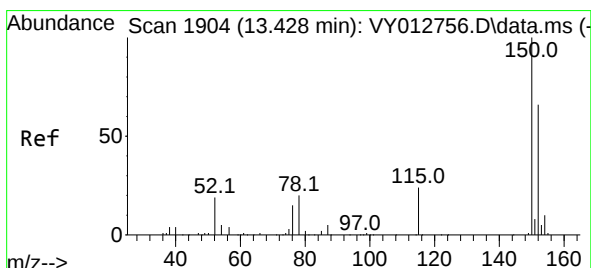
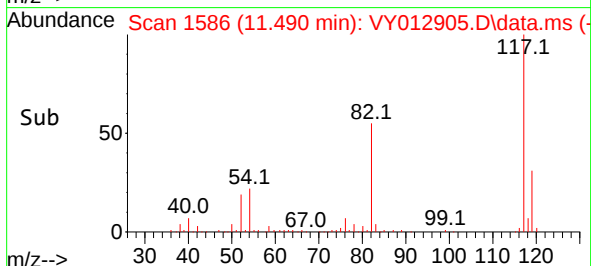
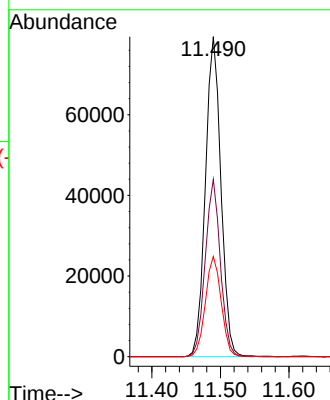
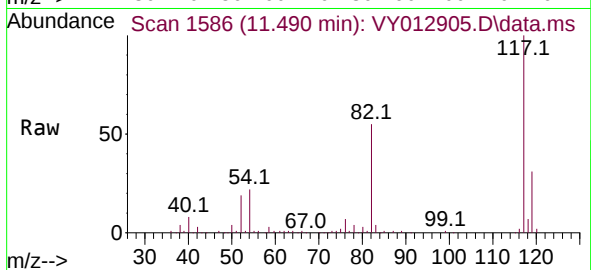
Tgt Ion:117 Resp: 125055

Ion Ratio Lower Upper

117 100

82 55.4 45.4 68.0

119 31.3 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY012905.D

Acq: 09 Mar 2023 17:37

Tgt Ion:152 Resp: 57167

Ion Ratio Lower Upper

152 100

115 55.1 27.1 81.3

150 155.2 0.0 347.8

