

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092122\
 Data File : VY010607.D
 Acq On : 21 Sep 2022 18:28
 Operator : KP/MD
 Sample : N4713-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-03-091922

Quant Time: Sep 22 06:11:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 01:02:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	8608	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	14933	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	14776	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	5777	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	5372	65.247	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	130.500%
35) Dibromofluoromethane	7.704	113	2009	21.080	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	42.160%#
50) Toluene-d8	10.173	98	14045	40.508	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	81.020%
62) 4-Bromofluorobenzene	12.483	95	4234	31.385	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	62.760%

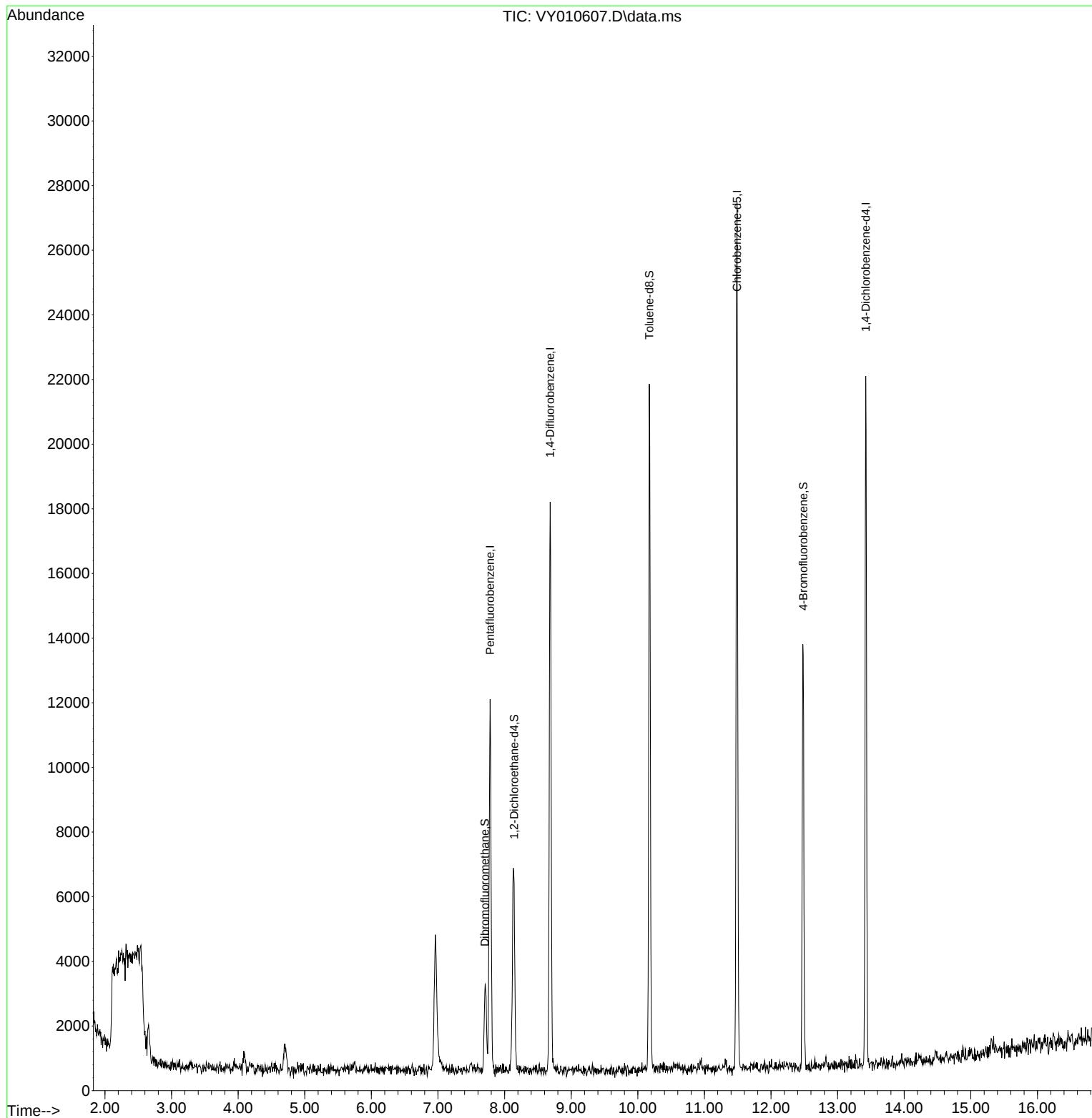
Target Compounds	Qvalue

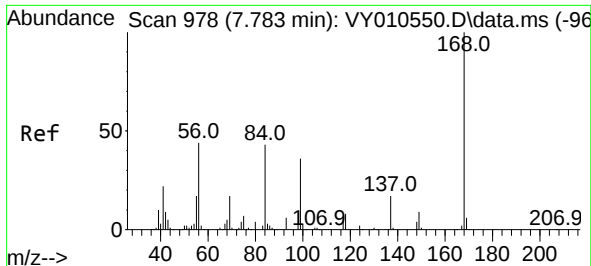
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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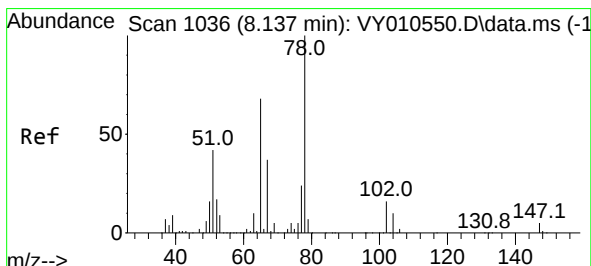
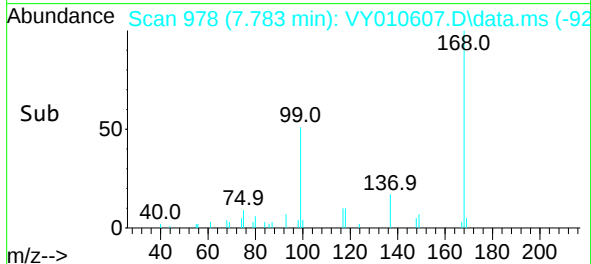
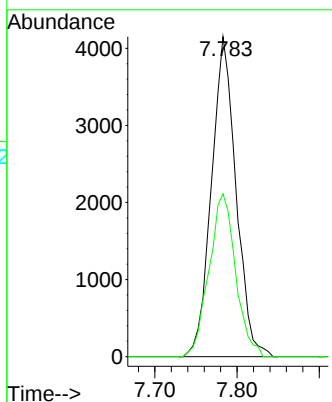
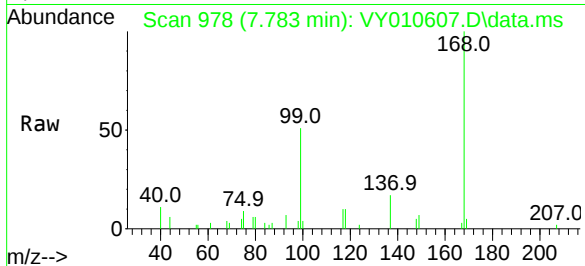




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010607.D
Acq: 21 Sep 2022 18:28

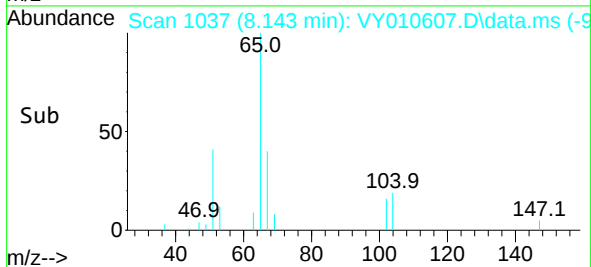
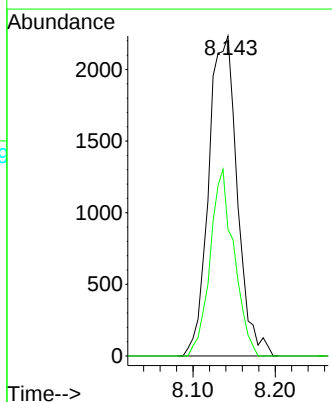
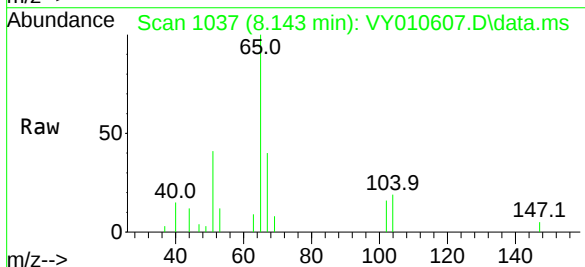
Instrument :
MSVOA_Y
ClientSampleId :
OR-03-091922

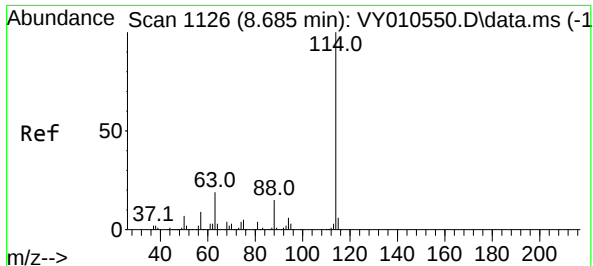
Tgt Ion:168 Resp: 8608
Ion Ratio Lower Upper
168 100
99 50.9 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 65.247 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY010607.D
Acq: 21 Sep 2022 18:28

Tgt Ion: 65 Resp: 5372
Ion Ratio Lower Upper
65 100
67 48.9 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: VY010607.D

Acq: 21 Sep 2022 18:28

Instrument :

MSVOA_Y

ClientSampleId :

OR-03-091922

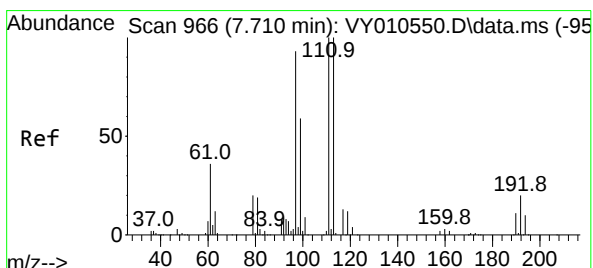
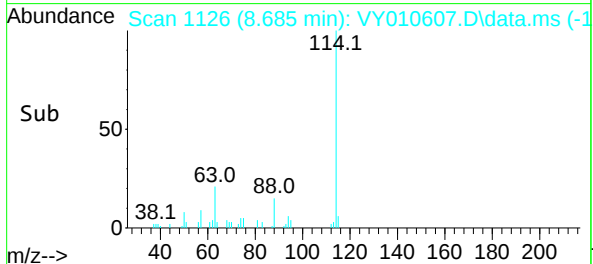
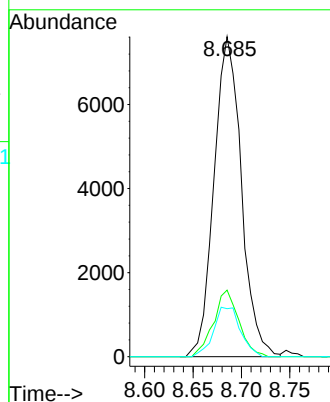
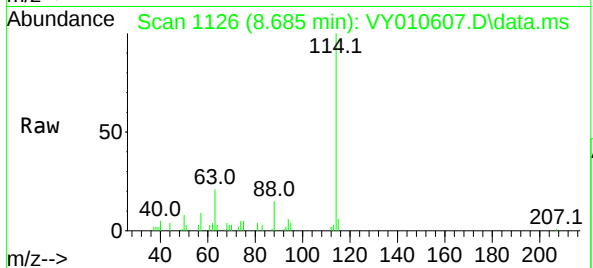
Tgt Ion:114 Resp: 14933

Ion Ratio Lower Upper

114 100

63 20.8 0.0 43.2

88 15.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 21.080 ug/l

RT: 7.704 min Scan# 965

Delta R.T. -0.006 min

Lab File: VY010607.D

Acq: 21 Sep 2022 18:28

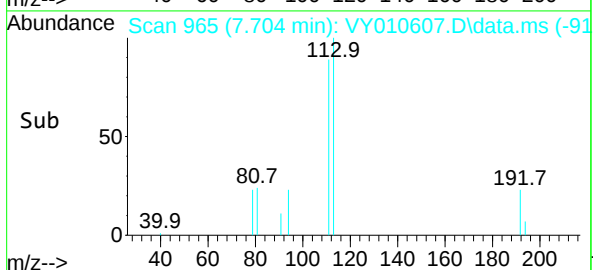
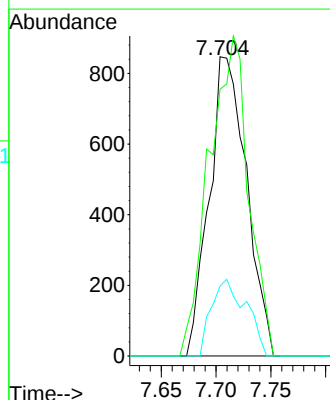
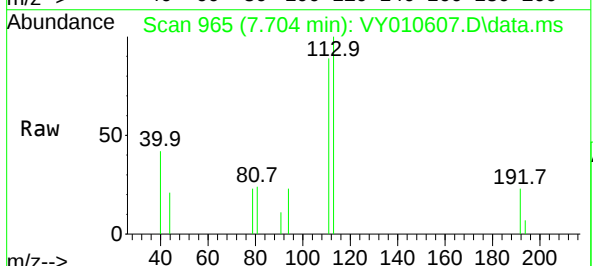
Tgt Ion:113 Resp: 2009

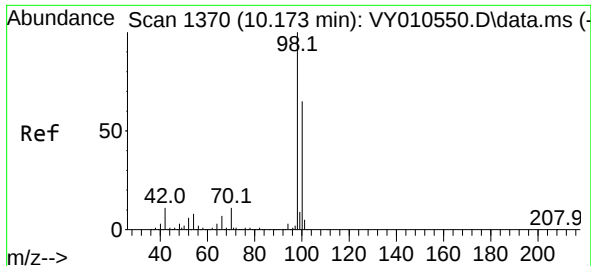
Ion Ratio Lower Upper

113 100

111 112.4 82.6 124.0

192 23.8 17.6 26.4

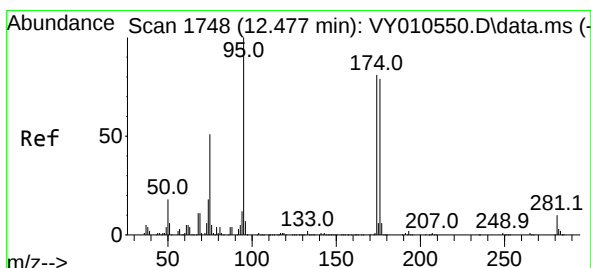
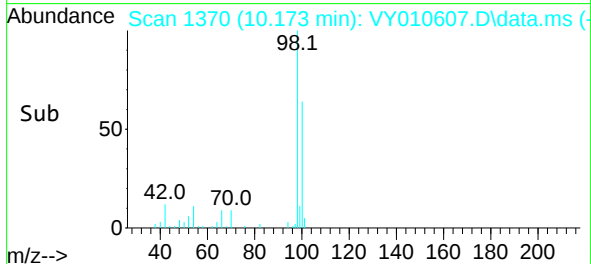
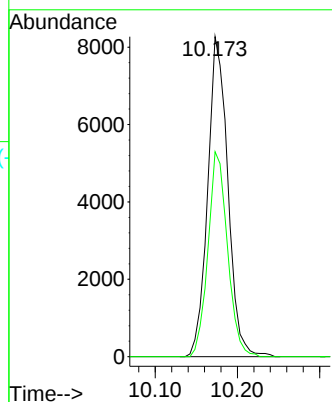
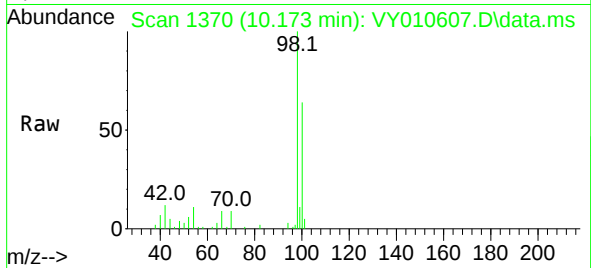




#50
Toluene-d8
Concen: 40.508 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010607.D
Acq: 21 Sep 2022 18:28

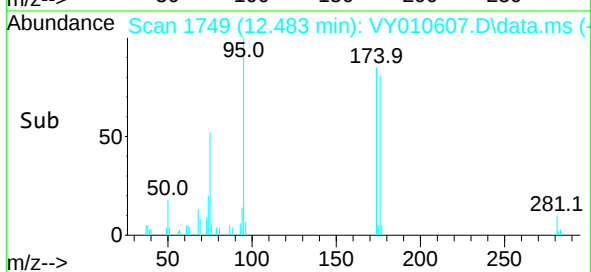
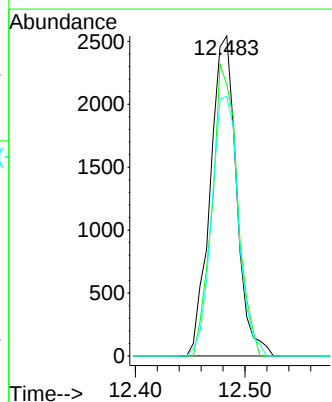
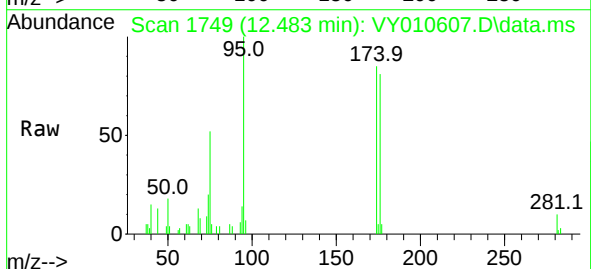
Instrument :
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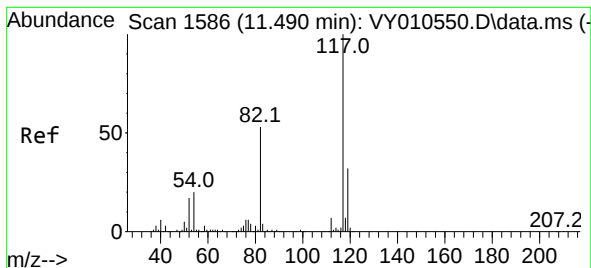
Tgt Ion: 98 Resp: 14045
Ion Ratio Lower Upper
98 100
100 62.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 31.385 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY010607.D
Acq: 21 Sep 2022 18:28

Tgt Ion: 95 Resp: 4234
Ion Ratio Lower Upper
95 100
174 87.8 0.0 177.0
176 83.1 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: VY010607.D

Acq: 21 Sep 2022 18:28

Instrument :

MSVOA_Y

ClientSampleId :

OR-03-091922

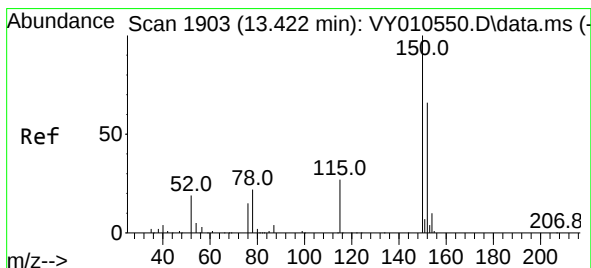
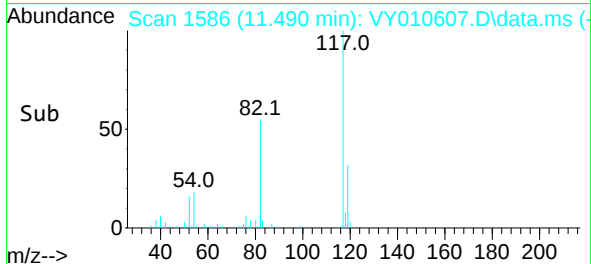
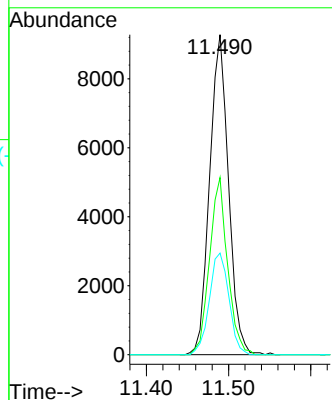
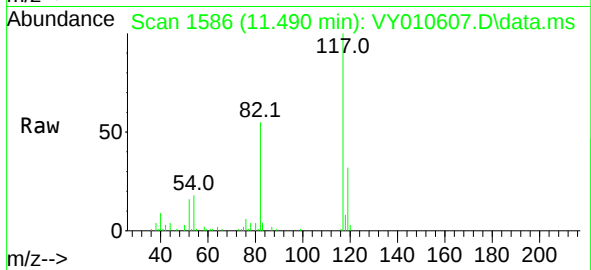
Tgt Ion:117 Resp: 14776

Ion Ratio Lower Upper

117 100

82 55.3 43.0 64.4

119 31.8 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: VY010607.D

Acq: 21 Sep 2022 18:28

Tgt Ion:152 Resp: 5777

Ion Ratio Lower Upper

152 100

115 58.9 28.2 84.7

150 149.3 0.0 347.6

