

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102422\
 Data File : VY011078.D
 Acq On : 24 Oct 2022 18:37
 Operator : KP/MD
 Sample : N5238-05
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR-251375

Quant Time: Oct 25 05:47:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	63716	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	102310	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	88160	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	33060	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	39967	68.096	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	136.200%
35) Dibromofluoromethane	7.716	113	40289	71.575	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	143.140%
50) Toluene-d8	10.178	98	118299	55.377	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.760%
62) 4-Bromofluorobenzene	12.477	95	35194	46.280	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.560%

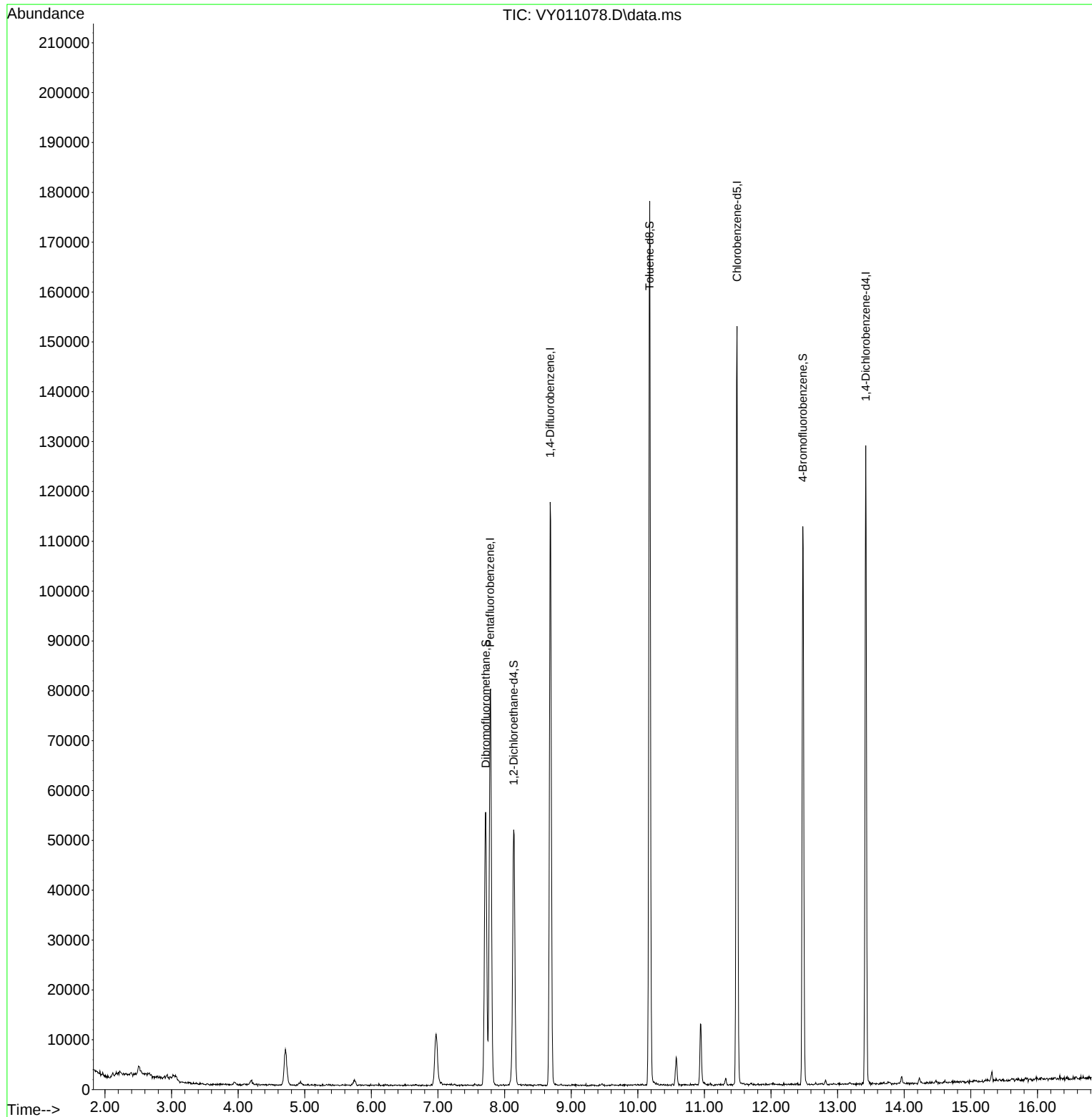
Target Compounds	Qvalue

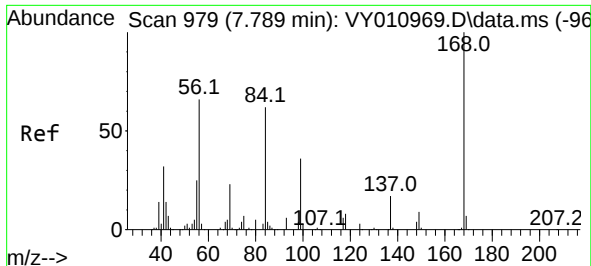
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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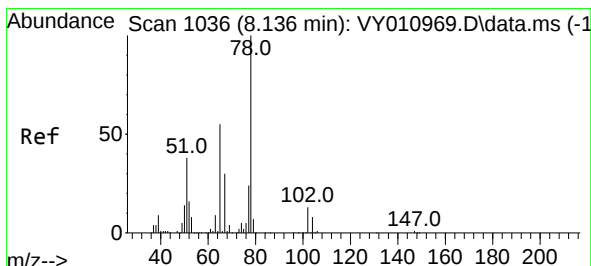
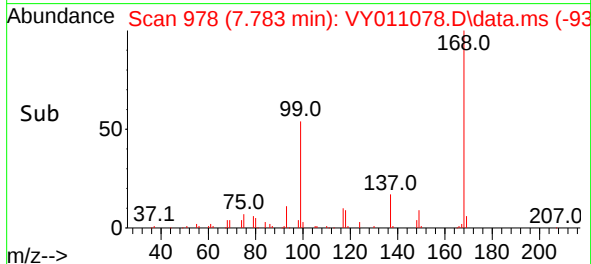
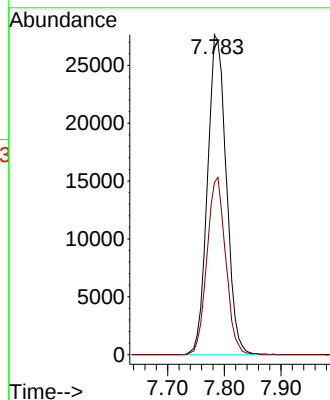
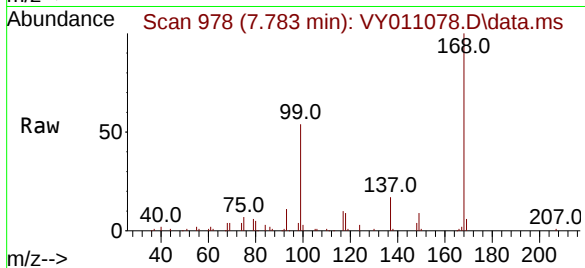




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011078.D
Acq: 24 Oct 2022 18:37

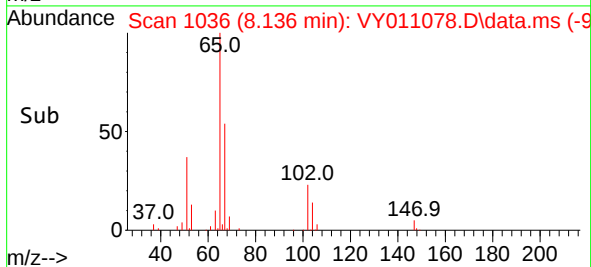
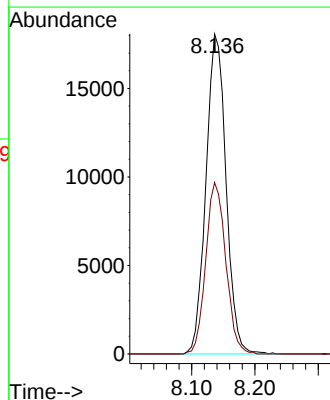
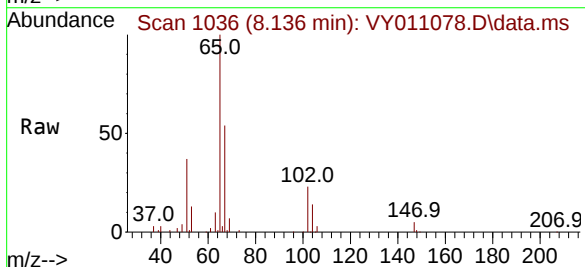
Instrument :
MSVOA_Y
ClientSampleId :
RBR-251375

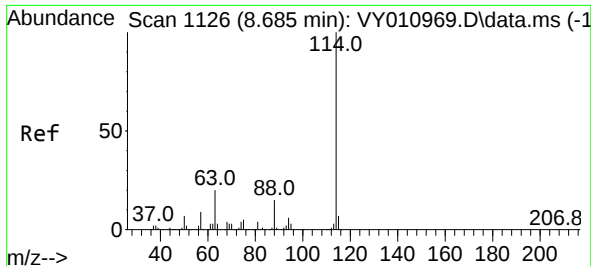
Tgt Ion:168 Resp: 63716
Ion Ratio Lower Upper
168 100
99 53.8 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 68.096 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY011078.D
Acq: 24 Oct 2022 18:37

Tgt Ion: 65 Resp: 39967
Ion Ratio Lower Upper
65 100
67 53.4 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: VY011078.D

Acq: 24 Oct 2022 18:37

Instrument :

MSVOA_Y

ClientSampleId :

RBR-251375

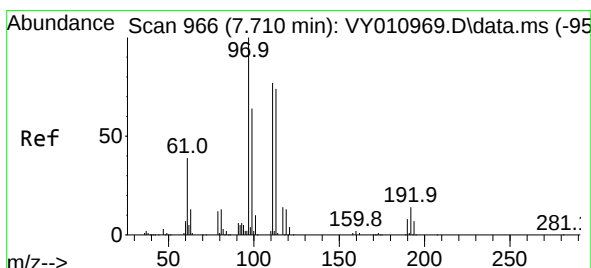
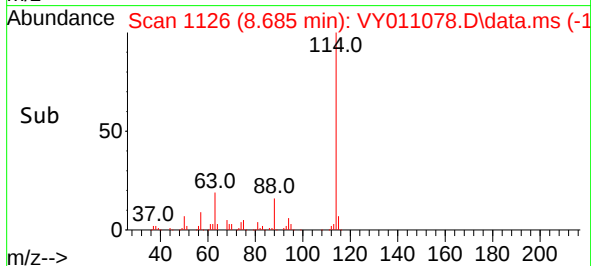
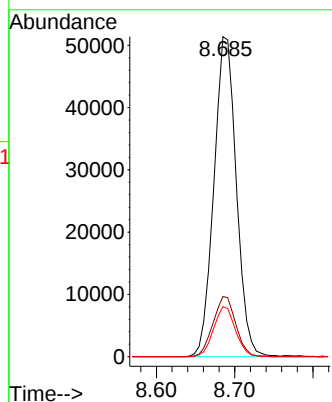
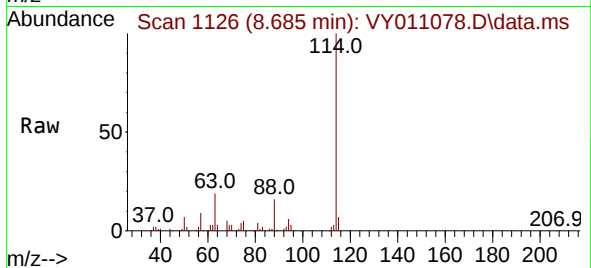
Tgt Ion:114 Resp: 102310

Ion Ratio Lower Upper

114 100

63 18.8 0.0 43.2

88 15.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 71.575 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY011078.D

Acq: 24 Oct 2022 18:37

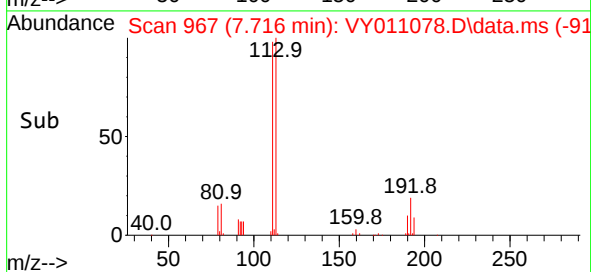
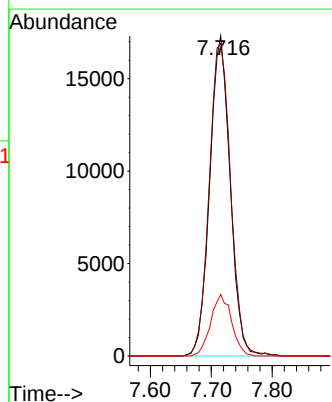
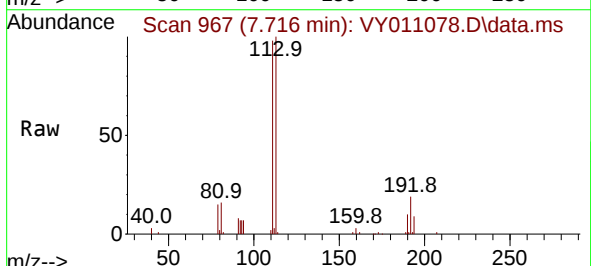
Tgt Ion:113 Resp: 40289

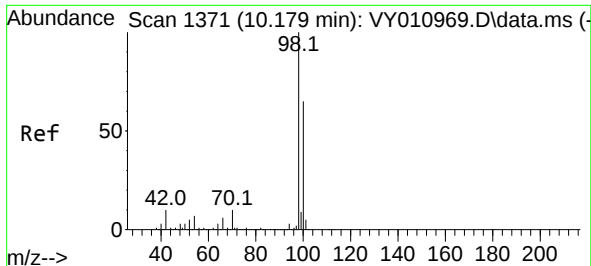
Ion Ratio Lower Upper

113 100

111 102.7 82.6 124.0

192 19.6 17.6 26.4

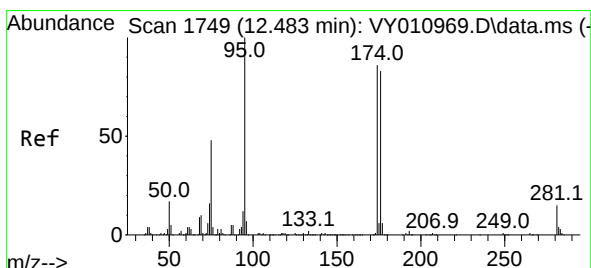
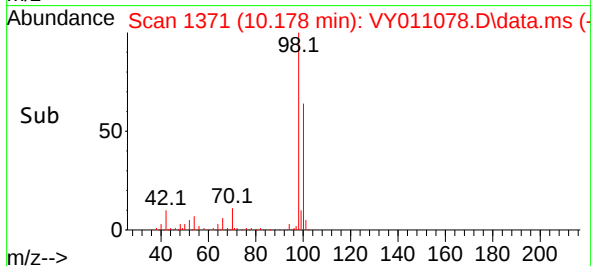
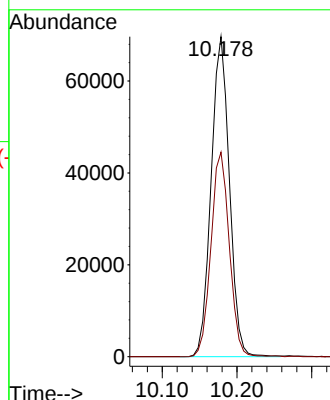
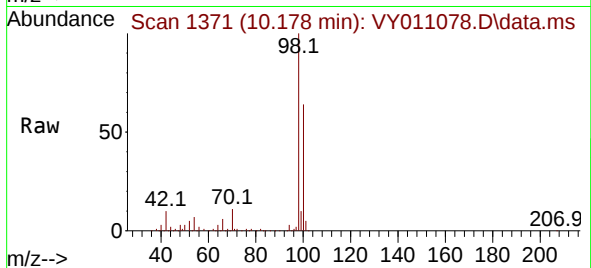




#50
Toluene-d8
Concen: 55.377 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY011078.D
Acq: 24 Oct 2022 18:37

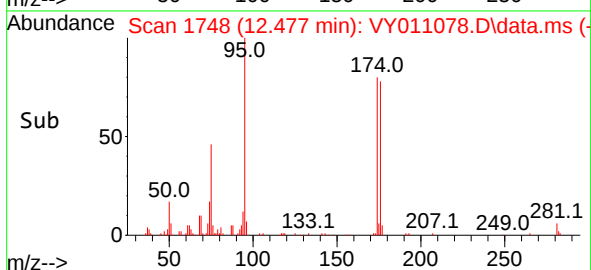
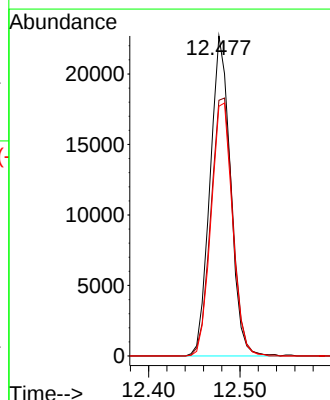
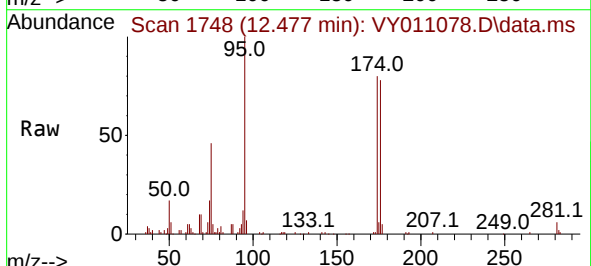
Instrument :
MSVOA_Y
ClientSampleId :
RBR-251375

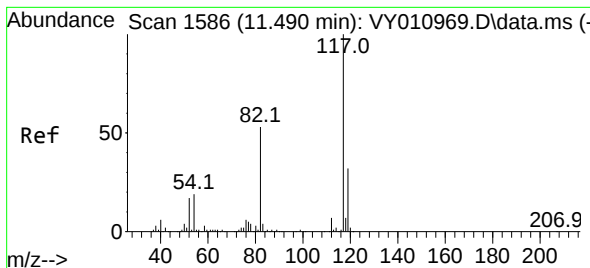
Tgt Ion: 98 Resp: 118299
Ion Ratio Lower Upper
98 100
100 64.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 46.280 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011078.D
Acq: 24 Oct 2022 18:37

Tgt Ion: 95 Resp: 35194
Ion Ratio Lower Upper
95 100
174 86.8 0.0 177.0
176 82.6 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: VY011078.D

Acq: 24 Oct 2022 18:37

Instrument :

MSVOA_Y

ClientSampleId :

RBR-251375

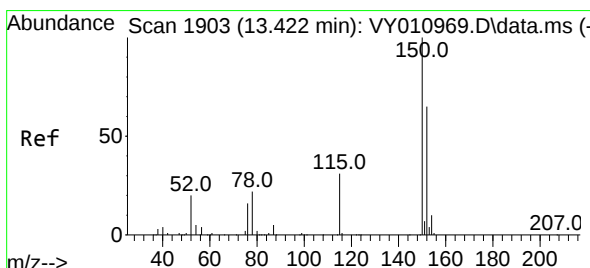
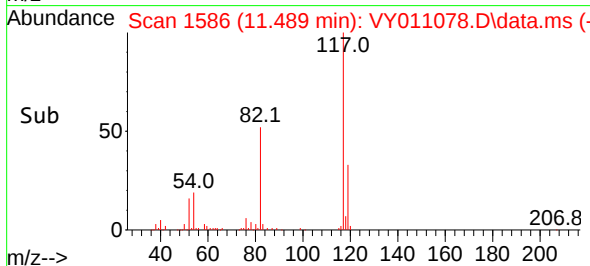
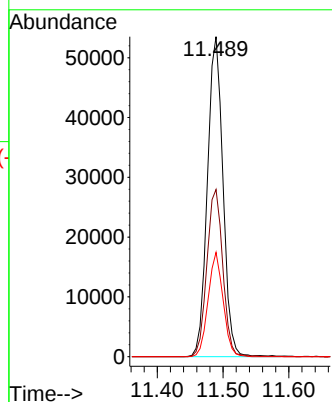
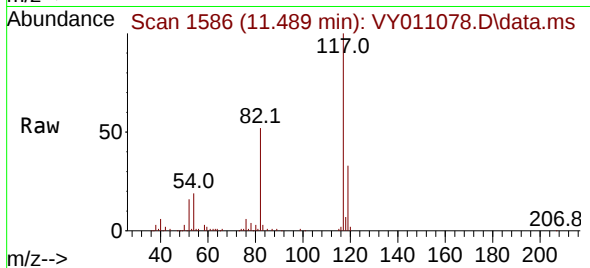
Tgt Ion:117 Resp: 88160

Ion Ratio Lower Upper

117 100

82 52.3 43.0 64.4

119 32.6 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: VY011078.D

Acq: 24 Oct 2022 18:37

Tgt Ion:152 Resp: 33060

Ion Ratio Lower Upper

152 100

115 59.5 28.2 84.7

150 161.1 0.0 347.6

