

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031523\
 Data File : VY012951.D
 Acq On : 15 Mar 2023 10:42
 Operator : KP/MD
 Sample : VY0315SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0315SBL01

Quant Time: Mar 16 00:31:35 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	7.795	168	83281	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	141006	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	130934	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	57323	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	53027	64.130	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	128.260%
35) Dibromofluoromethane	7.722	113	48290	56.747	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.500%
50) Toluene-d8	10.185	98	169746	54.564	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.120%
62) 4-Bromofluorobenzene	12.483	95	50588	48.178	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.360%

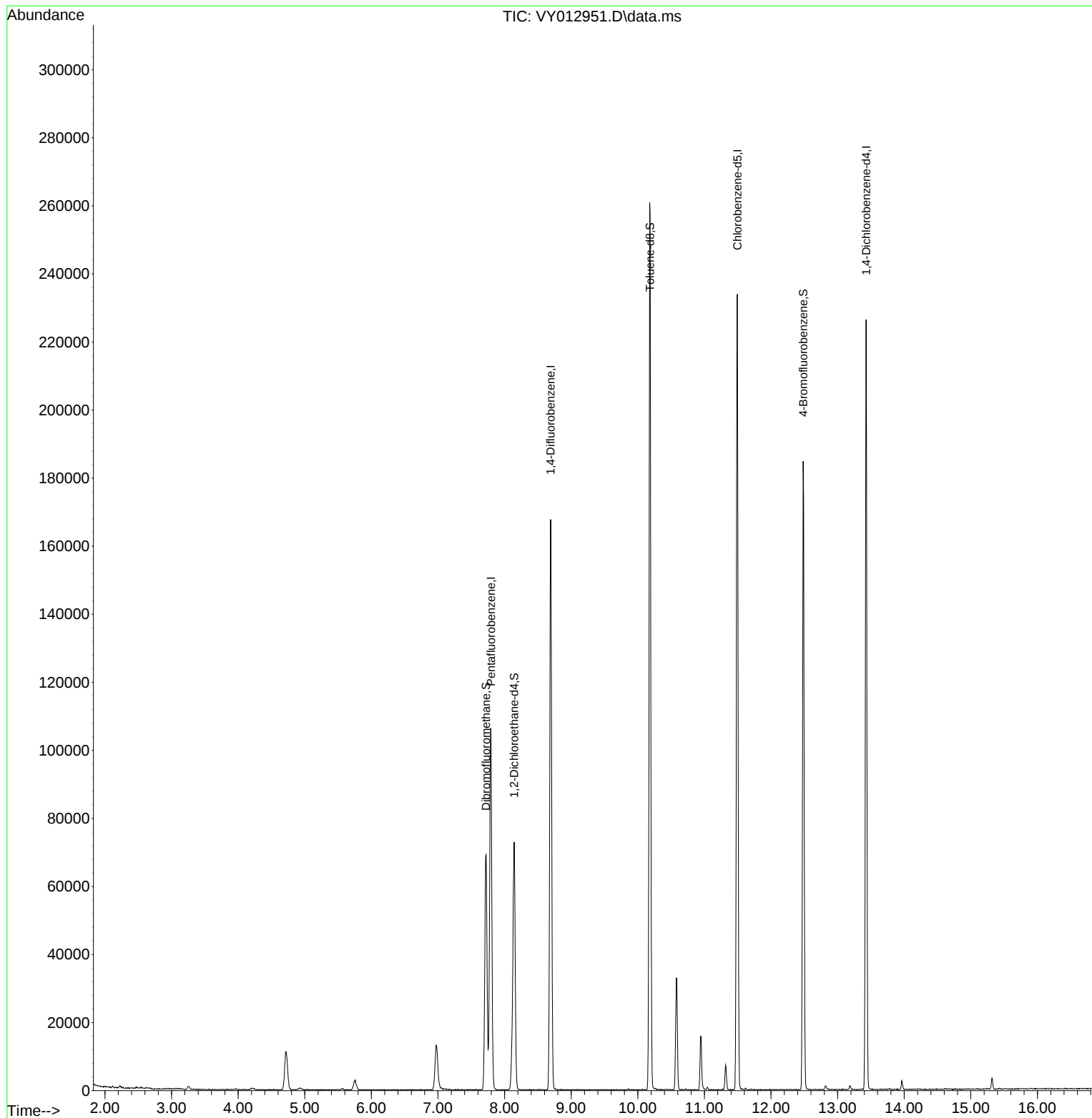
Target Compounds	Qvalue

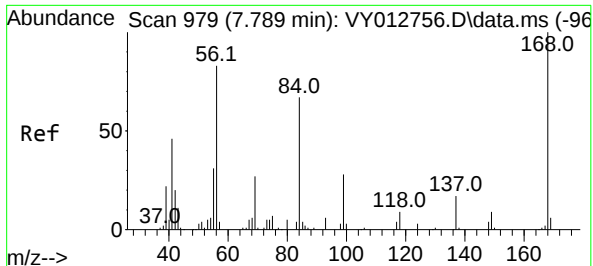
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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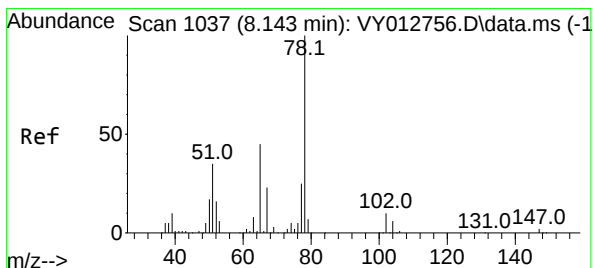
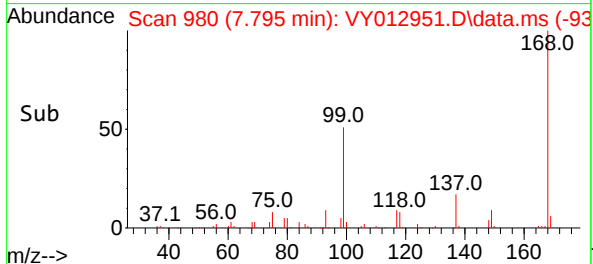
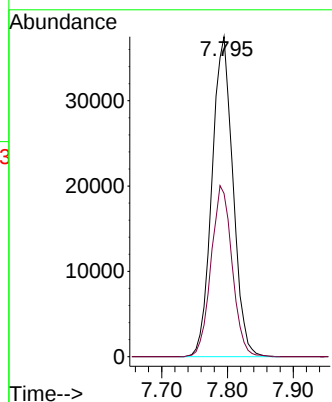
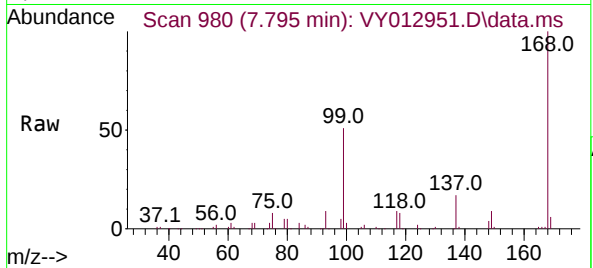




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY012951.D
Acq: 15 Mar 2023 10:42

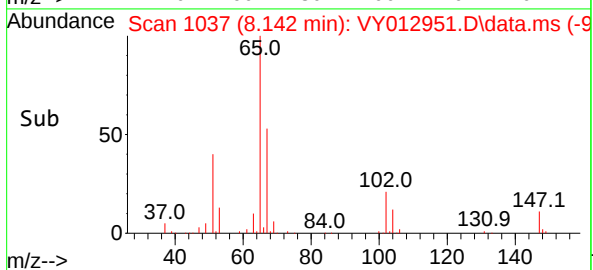
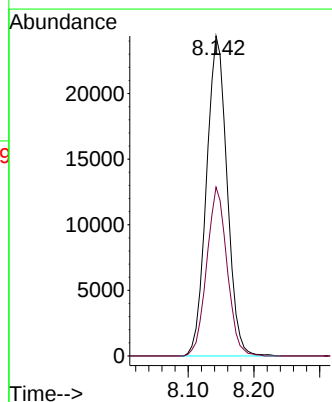
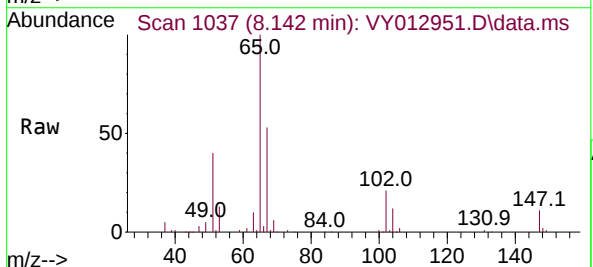
Instrument :
MSVOA_Y
ClientSampleId :
VY0315SBL01

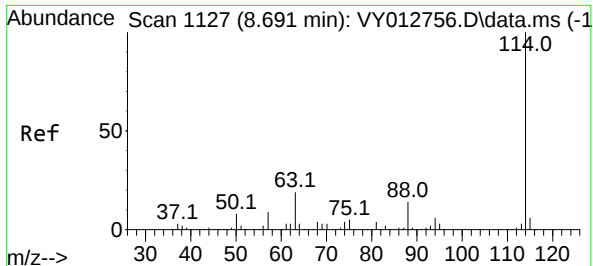
Tgt Ion:168 Resp: 83281
Ion Ratio Lower Upper
168 100
99 51.0 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 64.130 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012951.D
Acq: 15 Mar 2023 10:42

Tgt Ion: 65 Resp: 53027
Ion Ratio Lower Upper
65 100
67 52.1 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: VY012951.D

Acq: 15 Mar 2023 10:42

Instrument :

MSVOA_Y

ClientSampleId :

VY0315SBL01

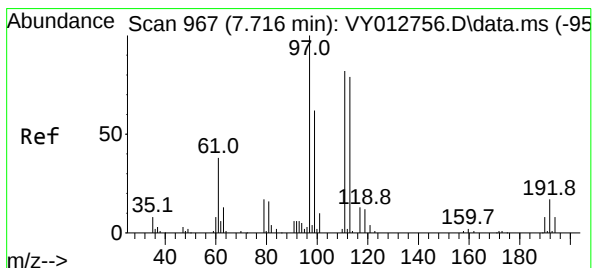
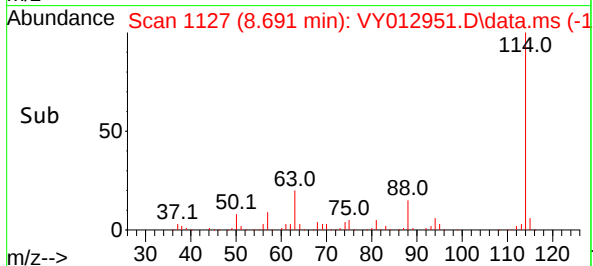
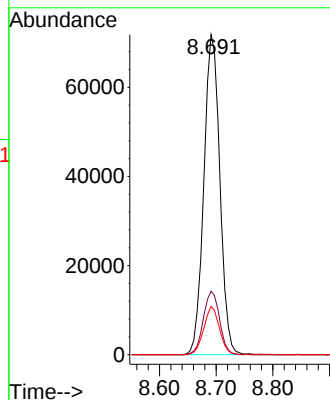
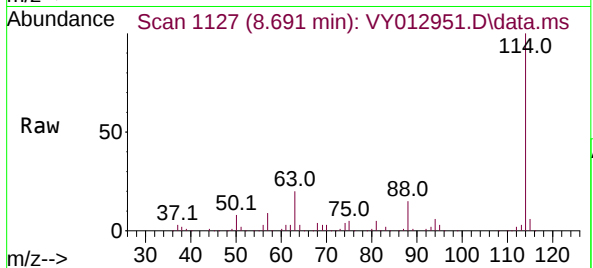
Tgt Ion:114 Resp: 141006

Ion Ratio Lower Upper

114 100

63 19.9 0.0 37.4

88 15.0 0.0 28.6



#35

Dibromofluoromethane

Concen: 56.747 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY012951.D

Acq: 15 Mar 2023 10:42

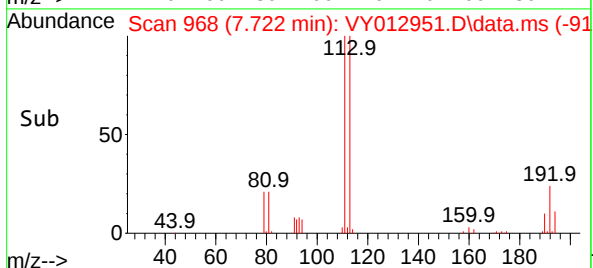
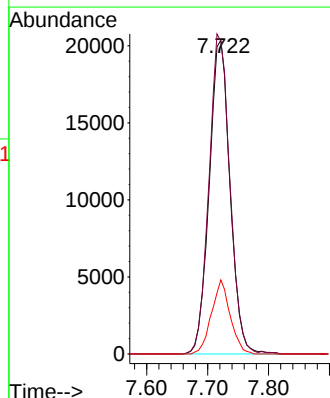
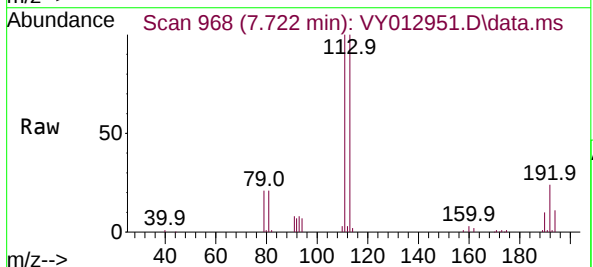
Tgt Ion:113 Resp: 48290

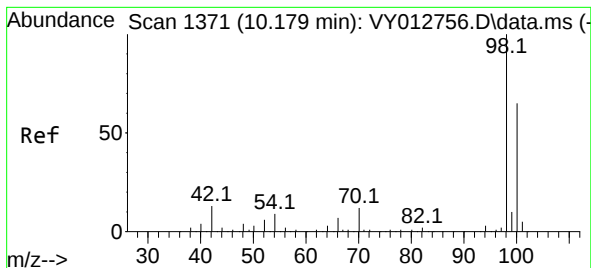
Ion Ratio Lower Upper

113 100

111 102.7 82.2 123.2

192 21.2 16.8 25.2





#50

Toluene-d8

Concen: 54.564 ug/l

RT: 10.185 min Scan# 1371

Delta R.T. 0.006 min

Lab File: VY012951.D

Acq: 15 Mar 2023 10:42

Instrument :

MSVOA_Y

ClientSampleId :

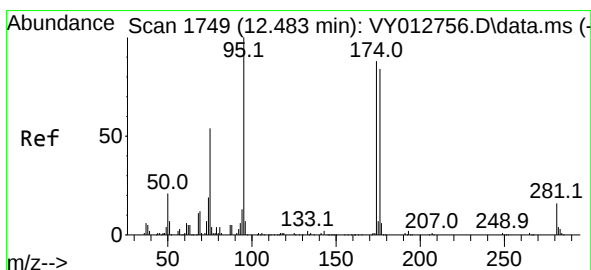
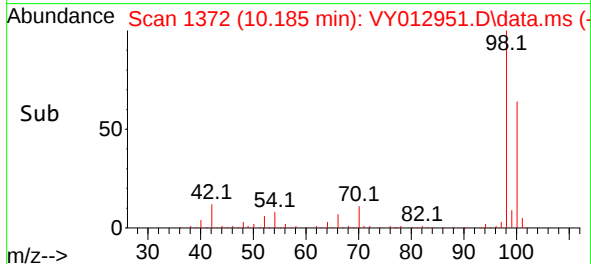
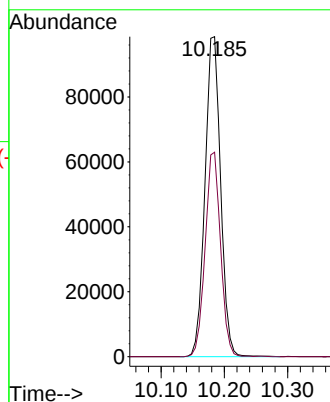
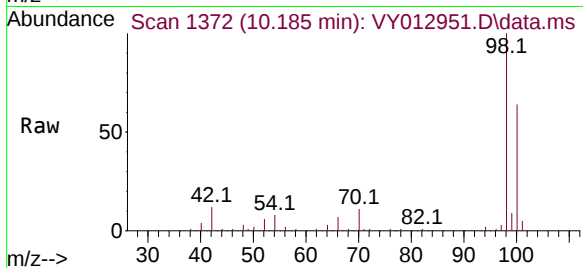
VY0315SBL01

Tgt Ion: 98 Resp: 169746

Ion Ratio Lower Upper

98 100

100 62.9 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 48.178 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VY012951.D

Acq: 15 Mar 2023 10:42

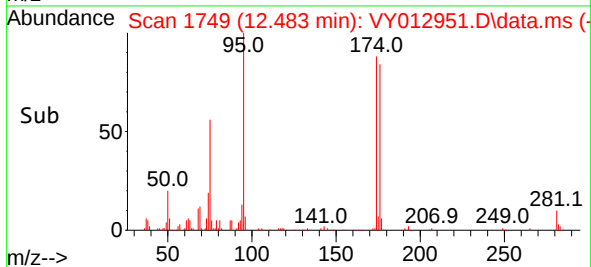
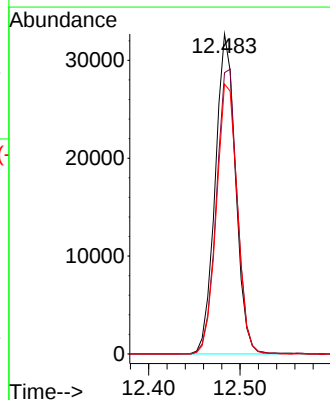
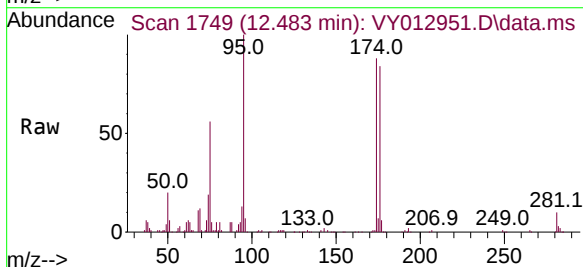
Tgt Ion: 95 Resp: 50588

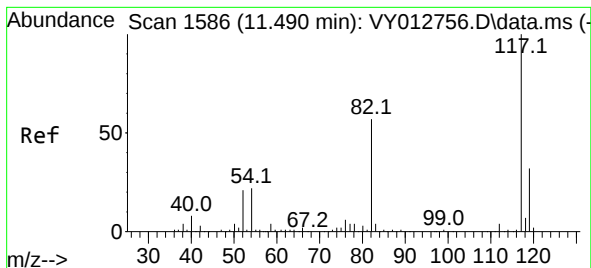
Ion Ratio Lower Upper

95 100

174 91.3 0.0 176.6

176 86.7 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.495 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY012951.D

Acq: 15 Mar 2023 10:42

Instrument :

MSVOA_Y

ClientSampleId :

VY0315SBL01

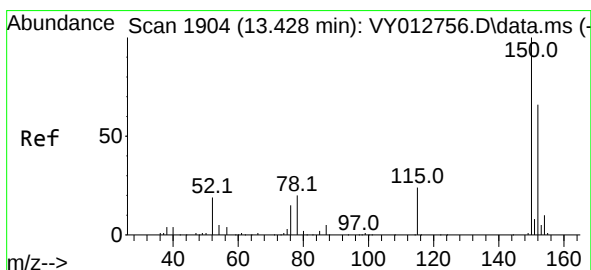
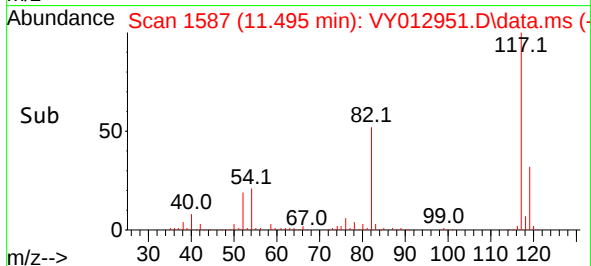
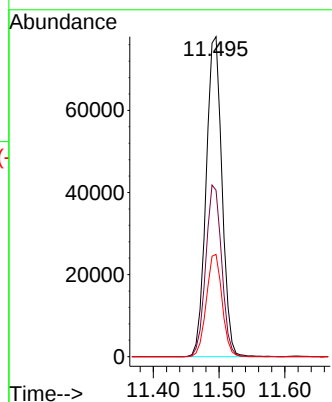
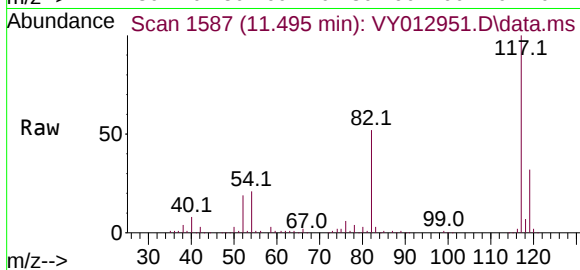
Tgt Ion:117 Resp: 130934

Ion Ratio Lower Upper

117 100

82 52.0 45.4 68.0

119 32.0 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY012951.D

Acq: 15 Mar 2023 10:42

Tgt Ion:152 Resp: 57323

Ion Ratio Lower Upper

152 100

115 57.4 27.1 81.3

150 159.5 0.0 347.8

