

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030323\
 Data File : VY012791.D
 Acq On : 03 Mar 2023 13:25
 Operator : KP/MD
 Sample : 01736-02
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-6

Quant Time: Mar 03 14:37:15 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	2072	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	3408	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	2649	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	570	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	1775	86.281	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	172.560%#
35) Dibromofluoromethane	7.709	113	1377	66.951	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	133.900%
50) Toluene-d8	10.178	98	3620	48.145	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.280%
62) 4-Bromofluorobenzene	12.477	95	715	28.174	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	56.340%

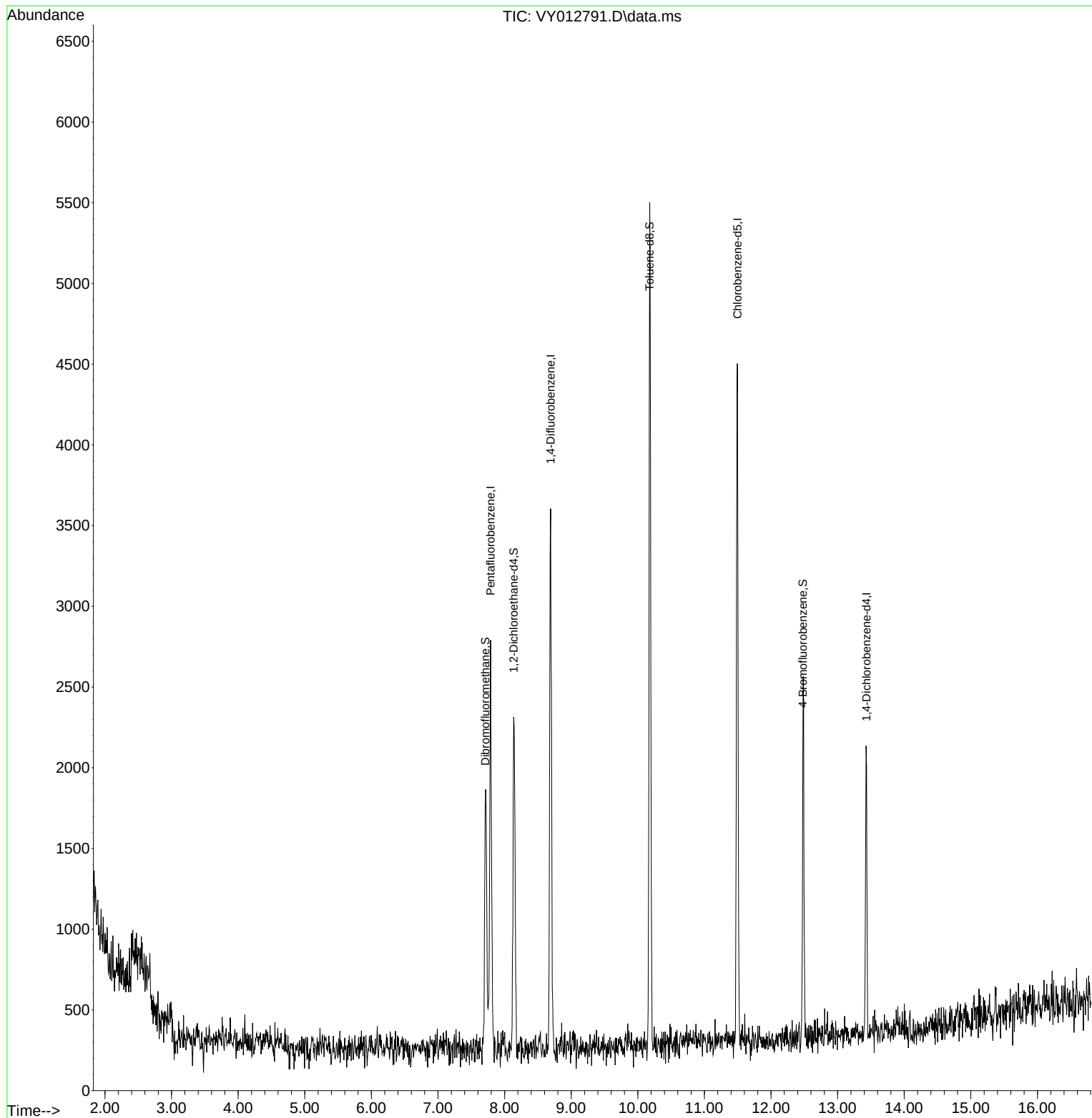
Target Compounds	Qvalue

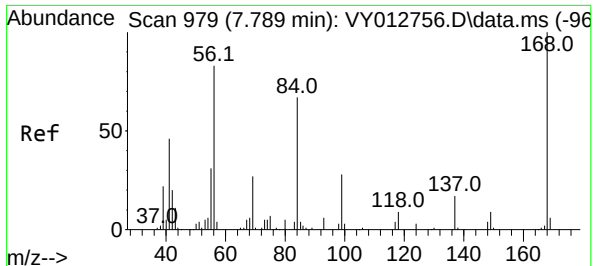
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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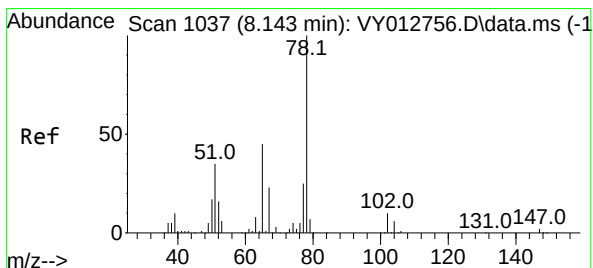
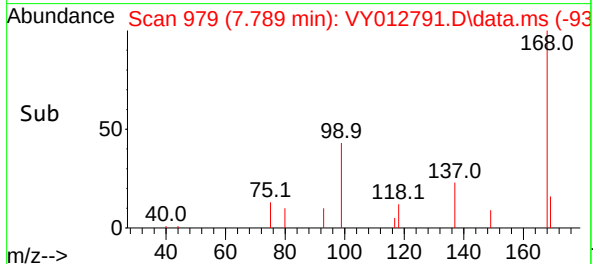
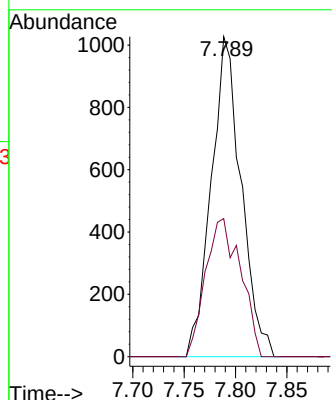
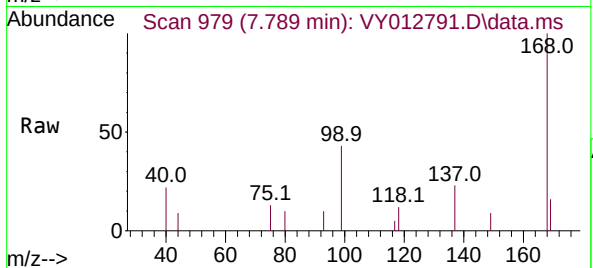




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012791.D
Acq: 03 Mar 2023 13:25

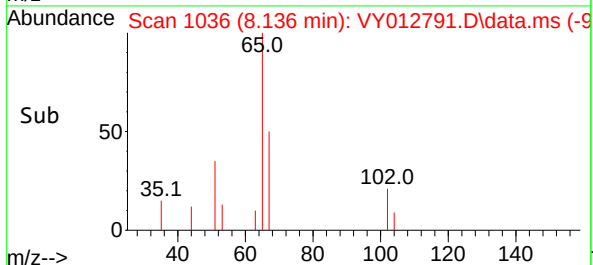
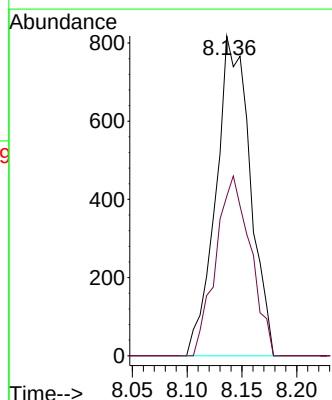
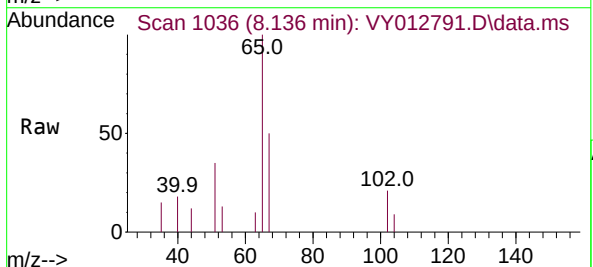
Instrument :
MSVOA_Y
ClientSampleId :
TP-6

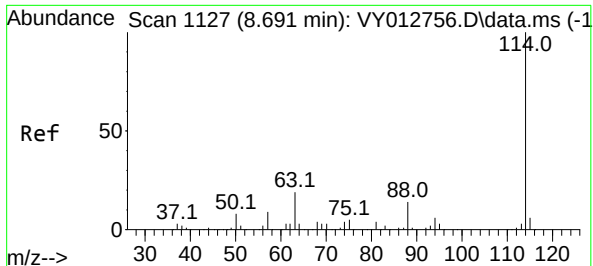
Tgt Ion:168 Resp: 2072
Ion Ratio Lower Upper
168 100
99 43.1 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 86.281 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY012791.D
Acq: 03 Mar 2023 13:25

Tgt Ion: 65 Resp: 1775
Ion Ratio Lower Upper
65 100
67 57.1 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: VY012791.D

Acq: 03 Mar 2023 13:25

Instrument :

MSVOA_Y

ClientSampleId :

TP-6

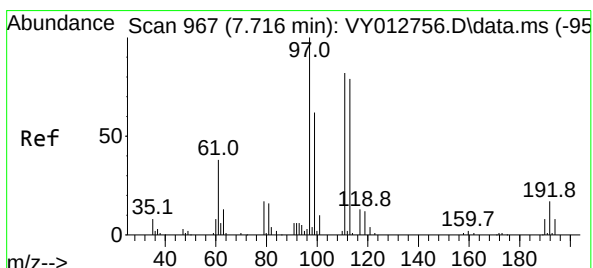
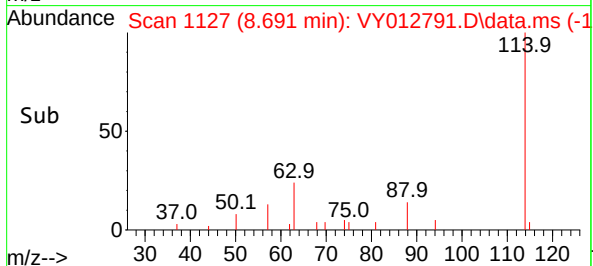
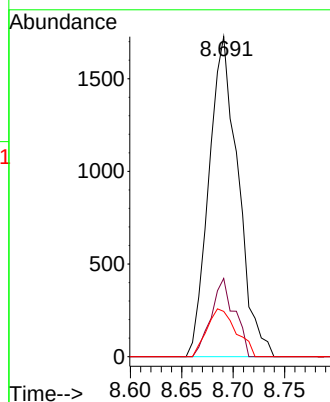
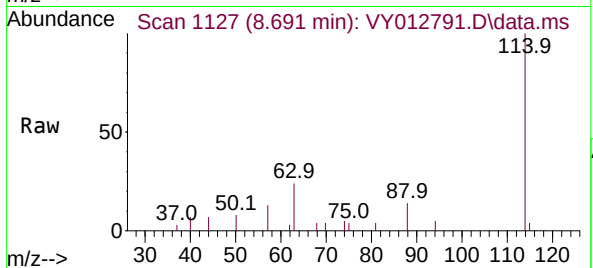
Tgt Ion:114 Resp: 3408

Ion Ratio Lower Upper

114 100

63 24.4 0.0 37.4

88 14.1 0.0 28.6



#35

Dibromofluoromethane

Concen: 66.951 ug/l

RT: 7.709 min Scan# 966

Delta R.T. -0.007 min

Lab File: VY012791.D

Acq: 03 Mar 2023 13:25

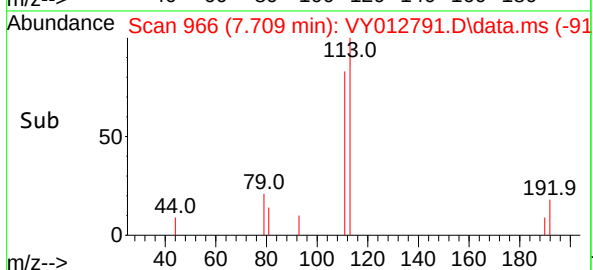
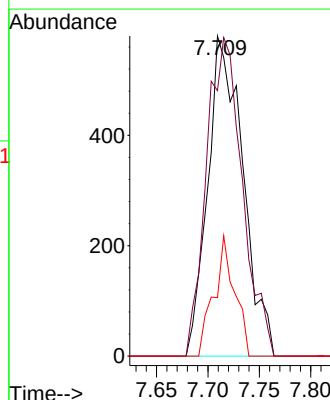
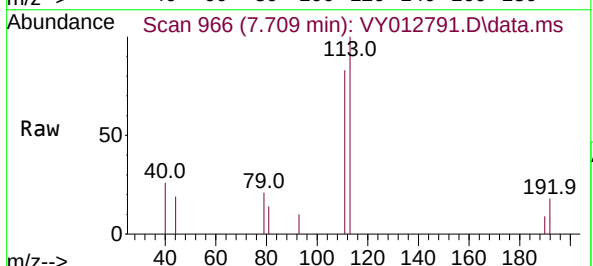
Tgt Ion:113 Resp: 1377

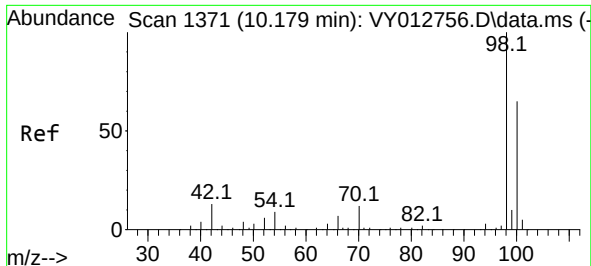
Ion Ratio Lower Upper

113 100

111 101.5 82.2 123.2

192 22.1 16.8 25.2

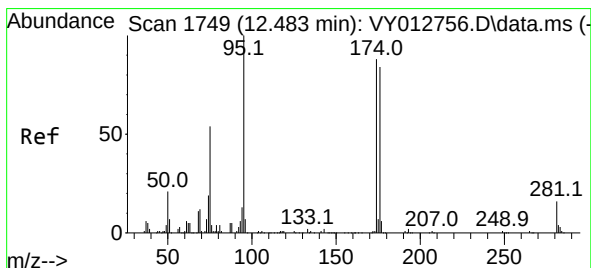
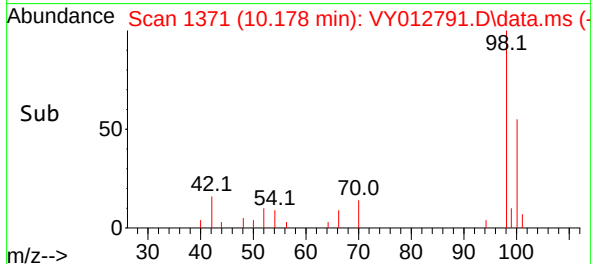
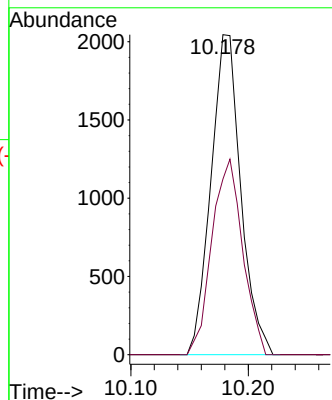
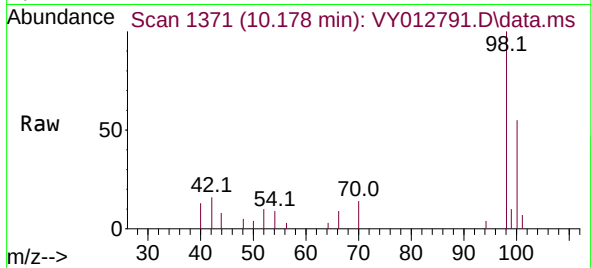




#50
Toluene-d8
Concen: 48.145 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012791.D
Acq: 03 Mar 2023 13:25

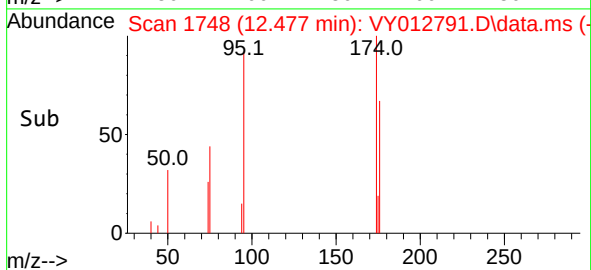
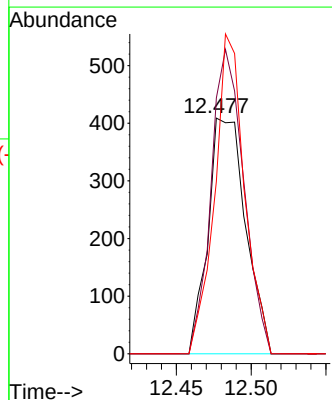
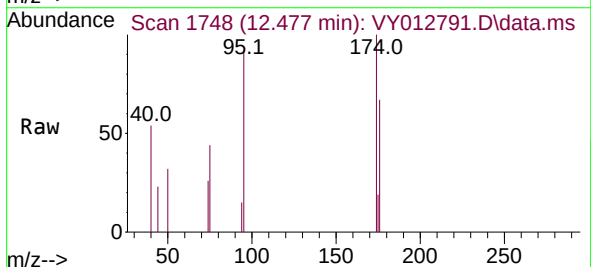
Instrument :
MSVOA_Y
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TP-6

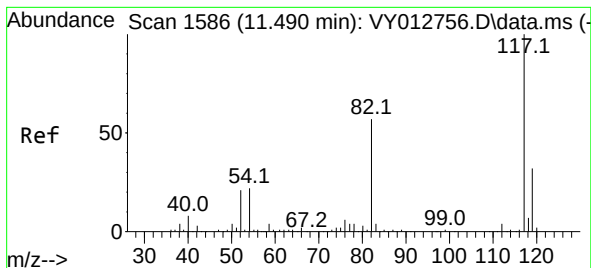
Tgt Ion: 98 Resp: 3620
Ion Ratio Lower Upper
98 100
100 62.8 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 28.174 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.007 min
Lab File: VY012791.D
Acq: 03 Mar 2023 13:25

Tgt Ion: 95 Resp: 715
Ion Ratio Lower Upper
95 100
174 112.4 0.0 176.6
176 108.0 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: VY012791.D

Acq: 03 Mar 2023 13:25

Instrument :

MSVOA_Y

ClientSampleId :

TP-6

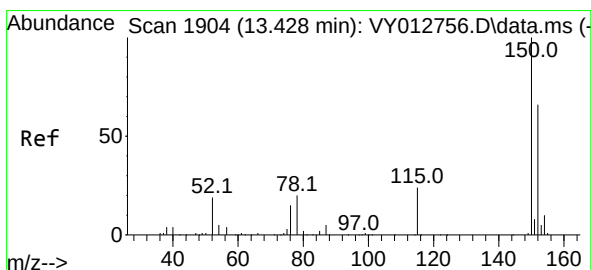
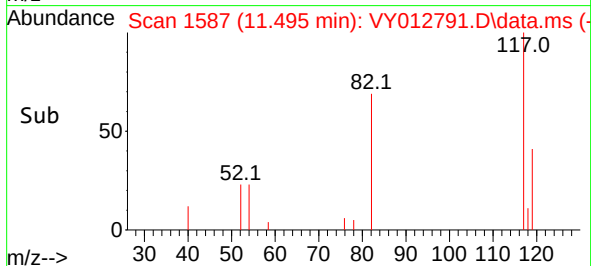
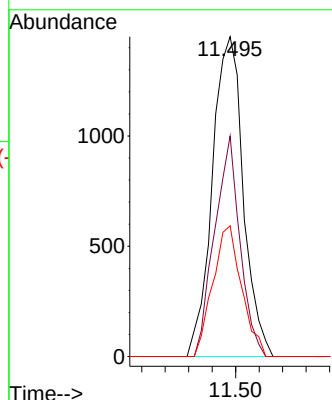
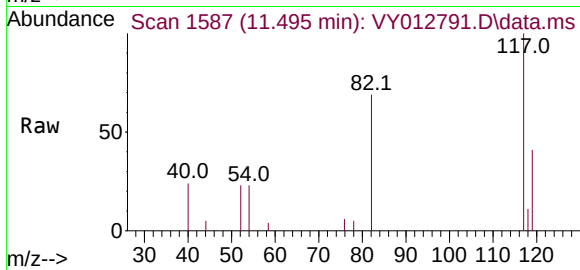
Tgt Ion:117 Resp: 2649

Ion Ratio Lower Upper

117 100

82 69.0 45.4 68.0#

119 40.9 25.6 38.4#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VY012791.D

Acq: 03 Mar 2023 13:25

Tgt Ion:152 Resp: 570

Ion Ratio Lower Upper

152 100

115 61.2 27.1 81.3

150 167.4 0.0 347.8

