

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011224\
 Data File : VY016996.D
 Acq On : 12 Jan 2024 16:31
 Operator : SY/MD
 Sample : P1132-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR200010

Quant Time: Jan 13 00:07:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	104343	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	224132	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	215808	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	84001	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	48707	47.229	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.460%
35) Dibromofluoromethane	7.740	113	53423	37.404	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	74.800%
50) Toluene-d8	10.197	98	197375	40.131	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	80.260%
62) 4-Bromofluorobenzene	12.495	95	62915	37.916	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	75.840%

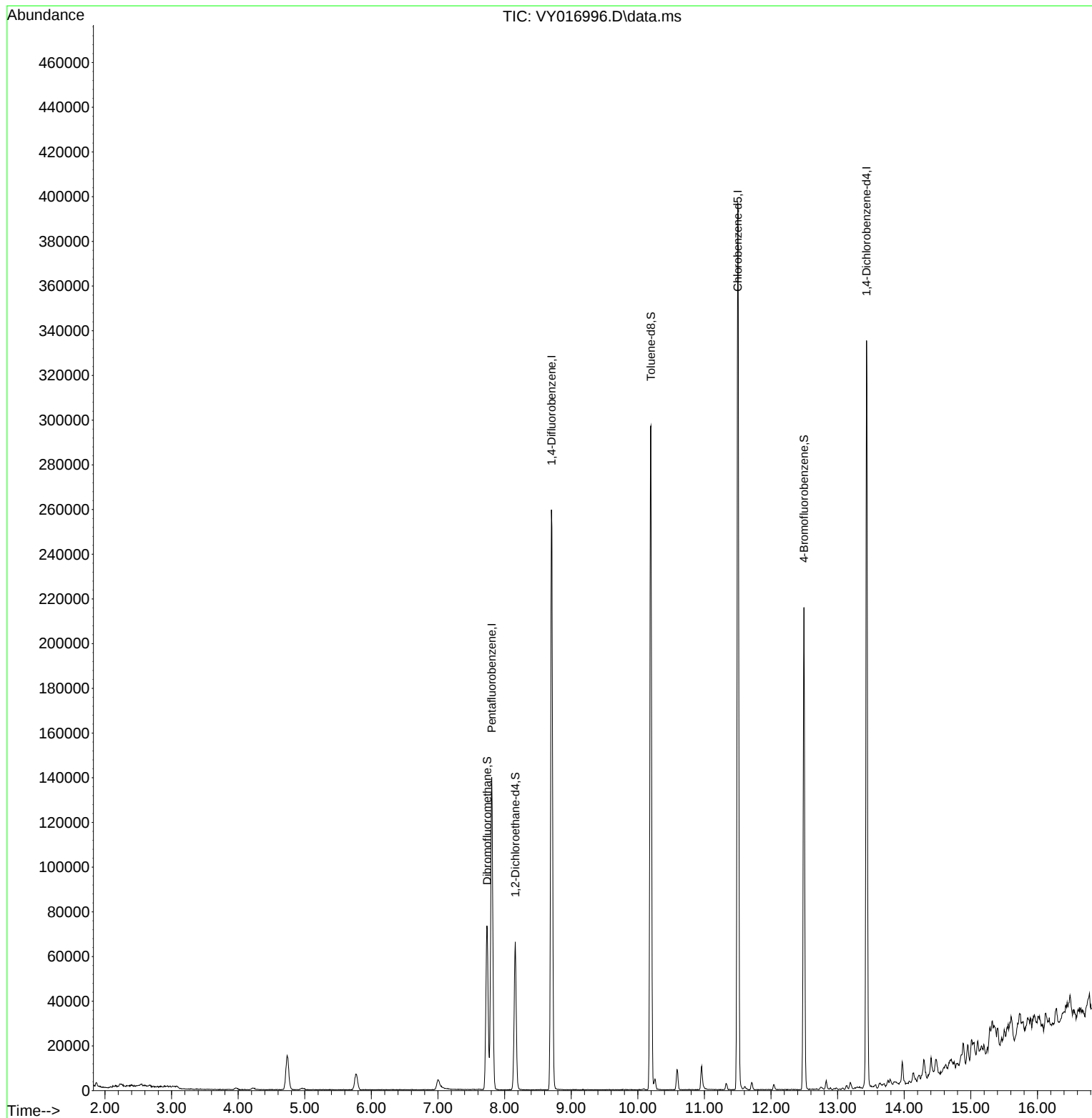
Target Compounds	Qvalue

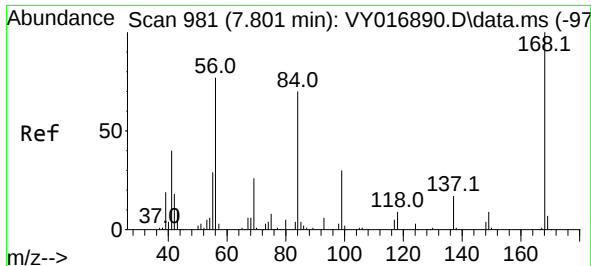
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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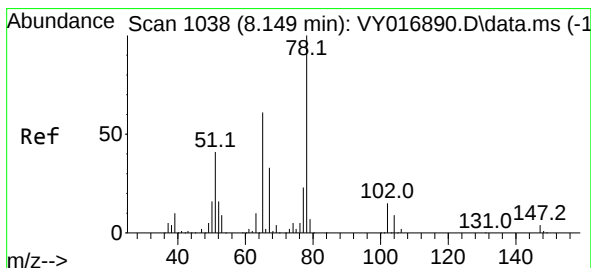
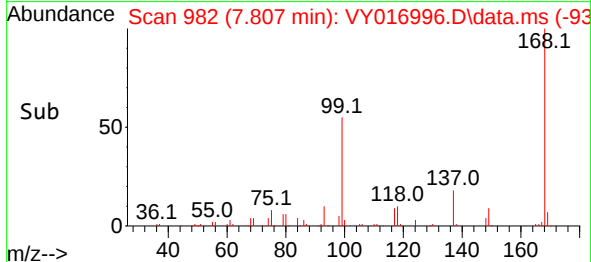
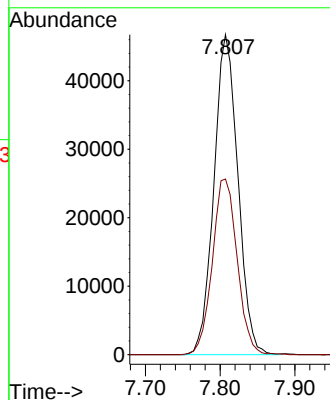
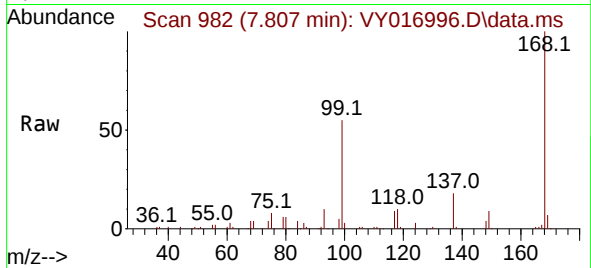




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016996.D
Acq: 12 Jan 2024 16:31

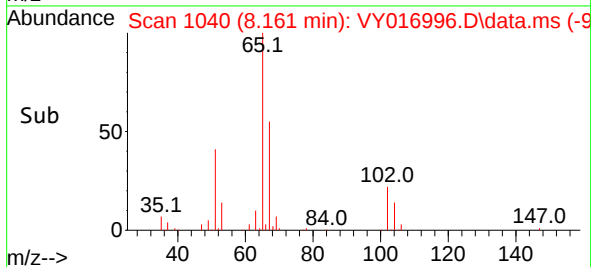
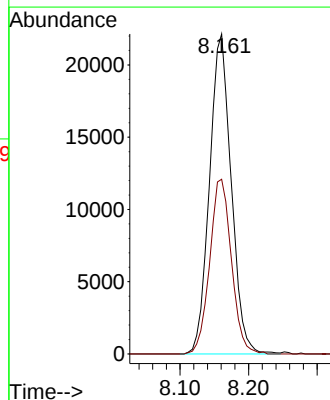
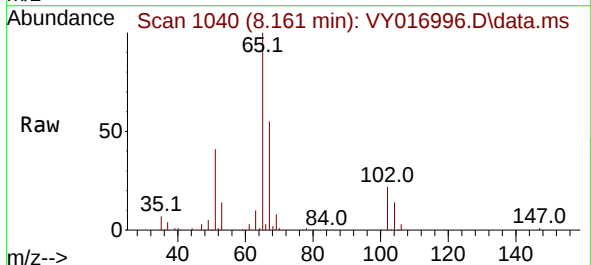
Instrument :
MSVOA_Y
ClientSampleId :
RBR200010

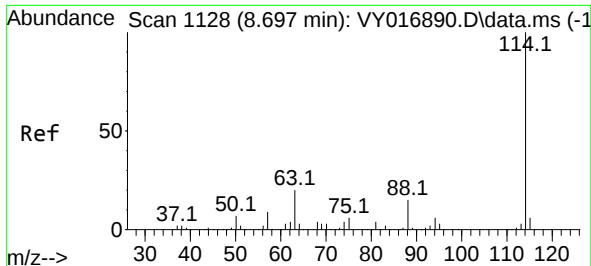
Tgt Ion:168 Resp: 104343
Ion Ratio Lower Upper
168 100
99 54.9 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 47.229 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY016996.D
Acq: 12 Jan 2024 16:31

Tgt Ion: 65 Resp: 48707
Ion Ratio Lower Upper
65 100
67 54.7 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY016996.D

Acq: 12 Jan 2024 16:31

Instrument :

MSVOA_Y

ClientSampleId :

RBR200010

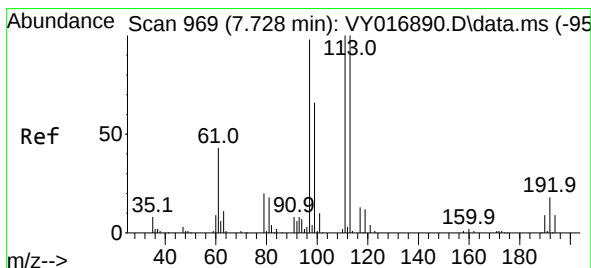
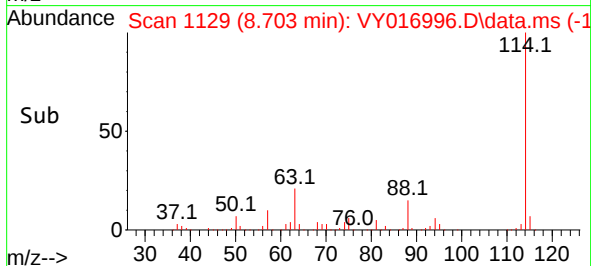
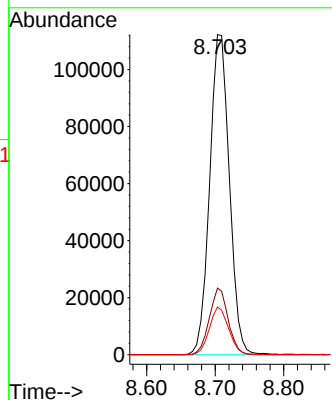
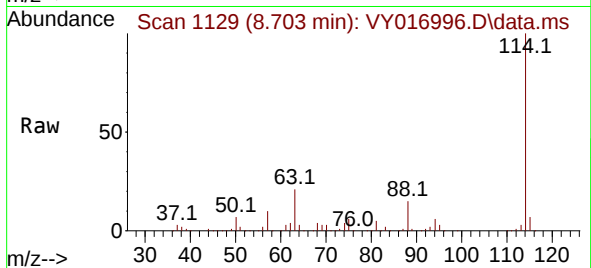
Tgt Ion:114 Resp: 224132

Ion Ratio Lower Upper

114 100

63 20.8 0.0 37.4

88 14.9 0.0 29.0



#35

Dibromofluoromethane

Concen: 37.404 ug/l

RT: 7.740 min Scan# 971

Delta R.T. 0.012 min

Lab File: VY016996.D

Acq: 12 Jan 2024 16:31

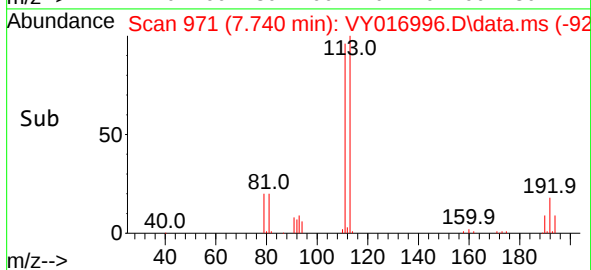
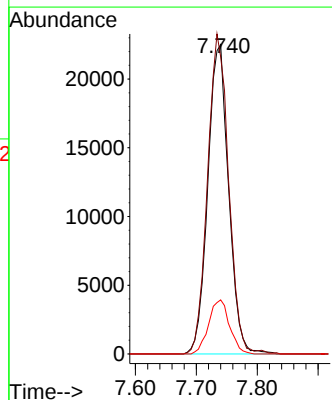
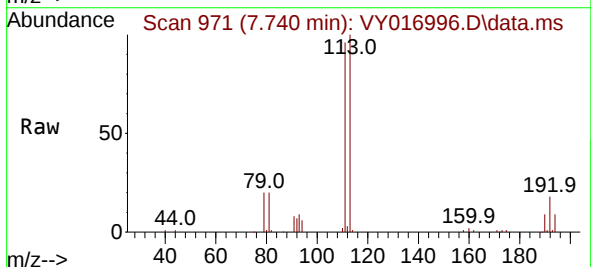
Tgt Ion:113 Resp: 53423

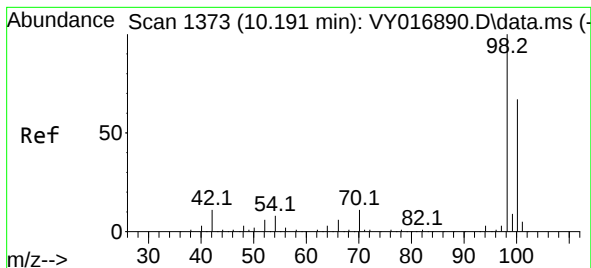
Ion Ratio Lower Upper

113 100

111 104.5 83.8 125.6

192 17.6 14.5 21.7





#50

Toluene-d8

Concen: 40.131 ug/l

RT: 10.197 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016996.D

Acq: 12 Jan 2024 16:31

Instrument :

MSVOA_Y

ClientSampleId :

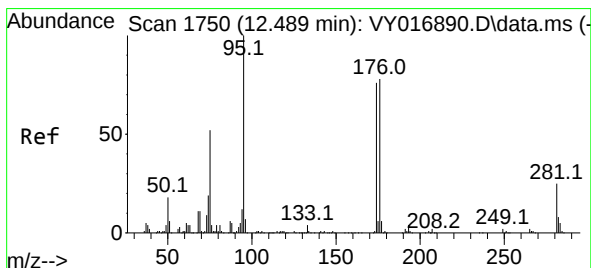
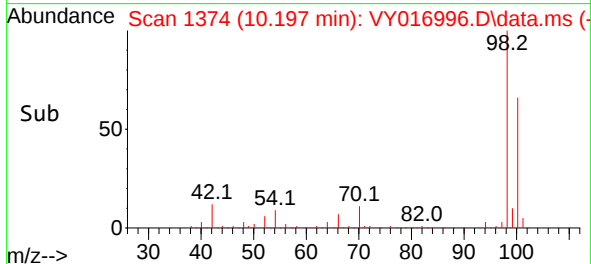
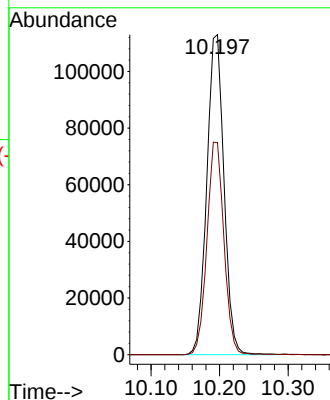
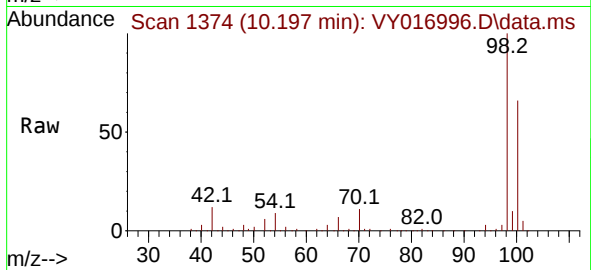
RBR200010

Tgt Ion: 98 Resp: 197375

Ion Ratio Lower Upper

98 100

100 65.7 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 37.916 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. 0.006 min

Lab File: VY016996.D

Acq: 12 Jan 2024 16:31

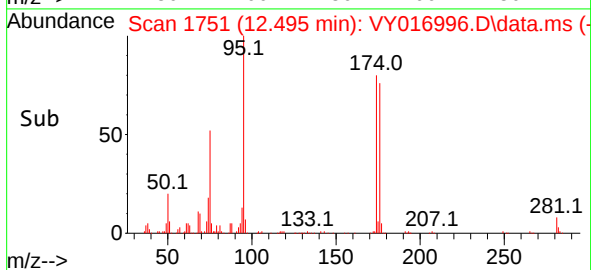
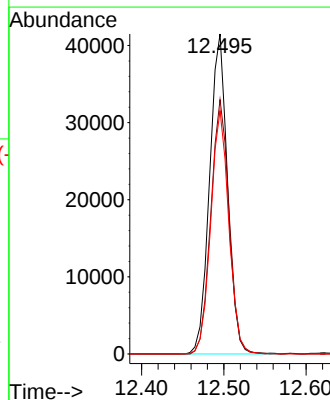
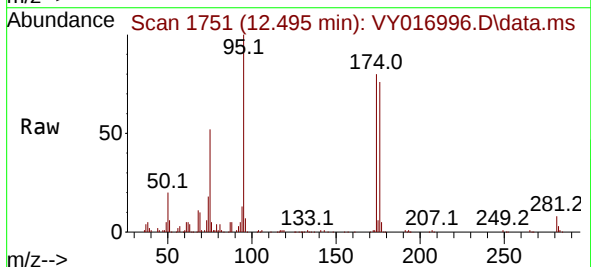
Tgt Ion: 95 Resp: 62915

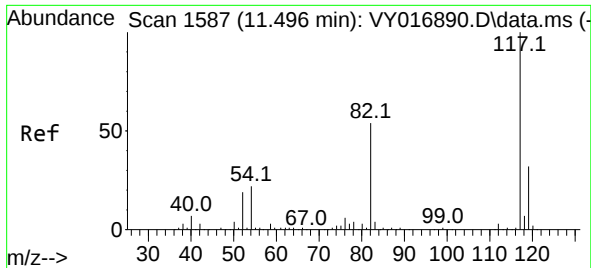
Ion Ratio Lower Upper

95 100

174 81.1 0.0 160.0

176 76.6 0.0 151.8

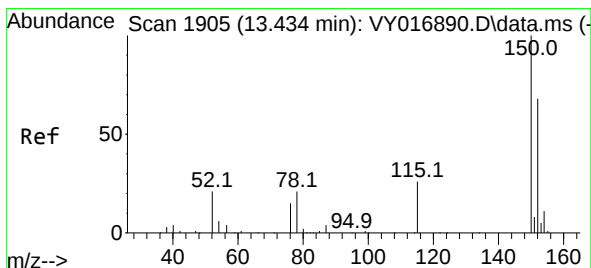
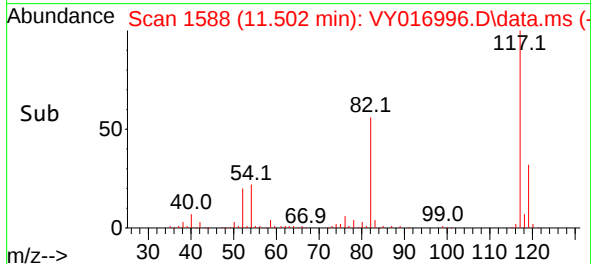
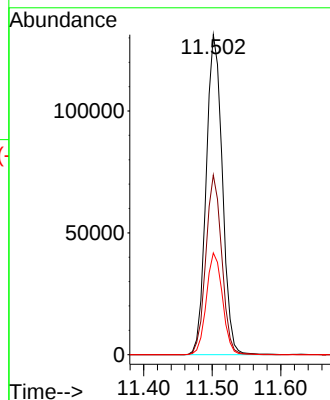
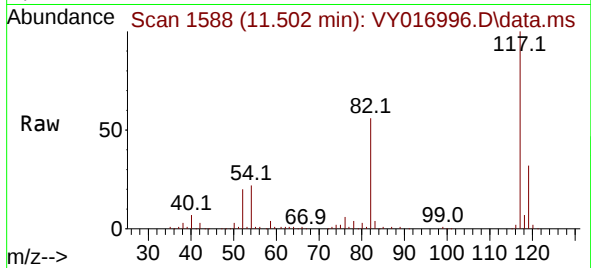




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016996.D
Acq: 12 Jan 2024 16:31

Instrument :
MSVOA_Y
ClientSampleId :
RBR200010

Tgt Ion:117 Resp: 215808
Ion Ratio Lower Upper
117 100
82 56.2 43.8 65.8
119 31.8 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.000 min
Lab File: VY016996.D
Acq: 12 Jan 2024 16:31

Tgt Ion:152 Resp: 84001
Ion Ratio Lower Upper
152 100
115 59.4 30.0 90.0
150 155.6 0.0 344.6

