

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111523\
 Data File : VY016360.D
 Acq On : 15 Nov 2023 12:50
 Operator : SY/MD
 Sample : 05408-05
 Misc : 8.17g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 710-ELIZABETH-AVE

Quant Time: Nov 16 00:03:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	96220	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	170093	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	162950	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	72413	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	62413	70.971	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	141.940%
35) Dibromofluoromethane	7.734	113	54873	56.790	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.580%
50) Toluene-d8	10.191	98	202007	51.555	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.100%
62) 4-Bromofluorobenzene	12.495	95	68441	53.780	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	107.560%

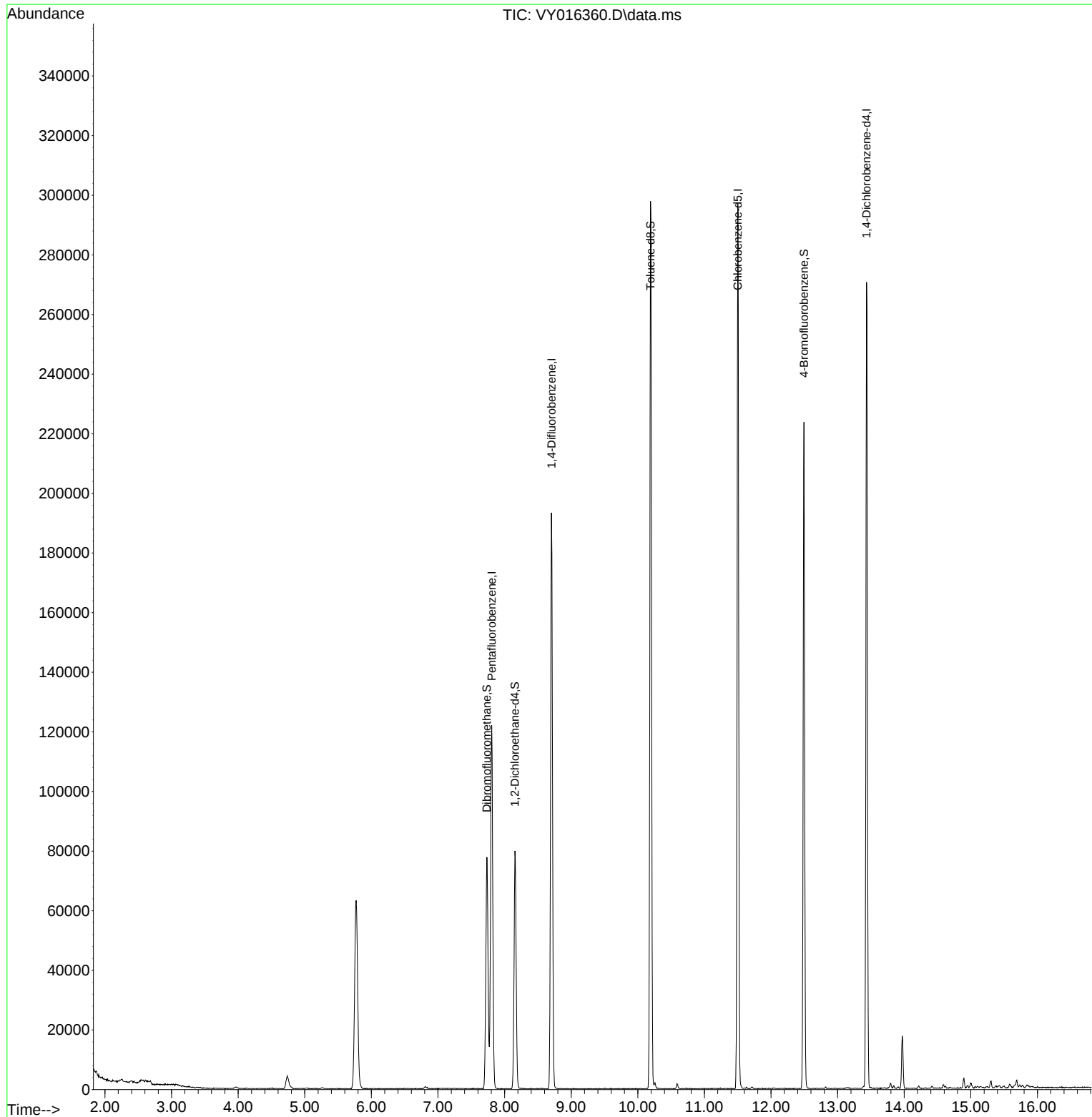
Target Compounds	Qvalue

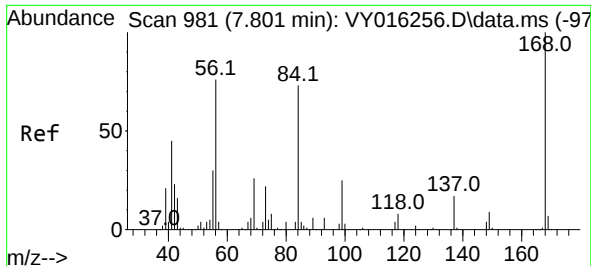
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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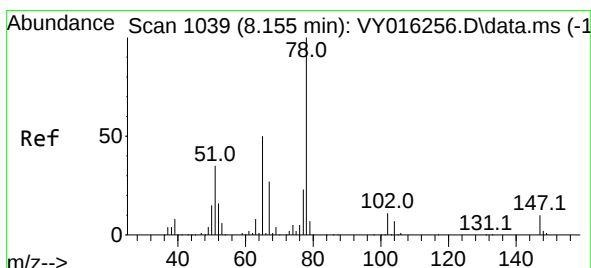
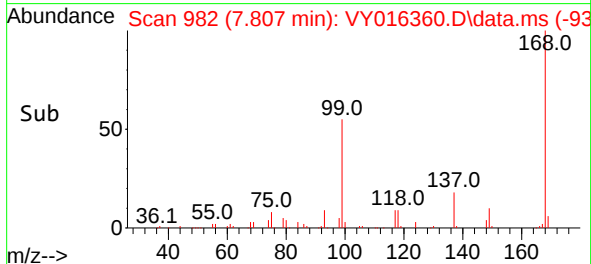
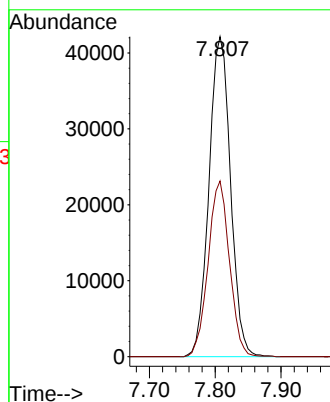
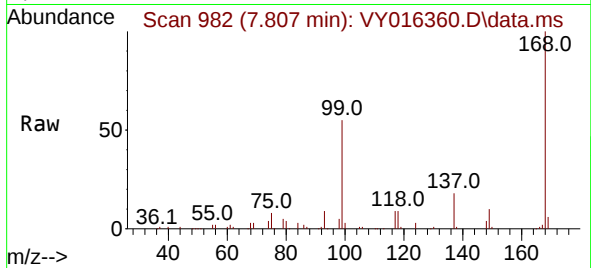




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY016360.D
Acq: 15 Nov 2023 12:50

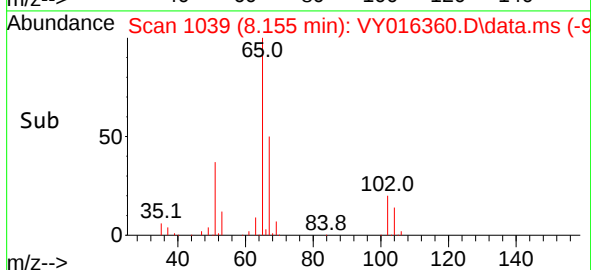
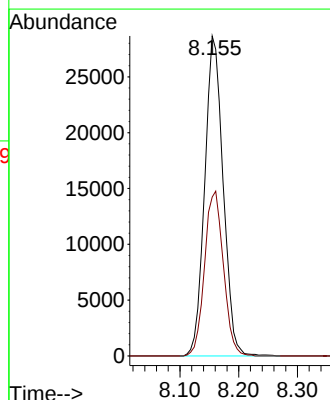
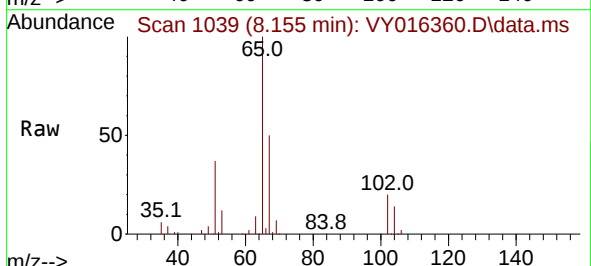
Instrument :
MSVOA_Y
ClientSampleId :
710-ELIZABETH-AVE

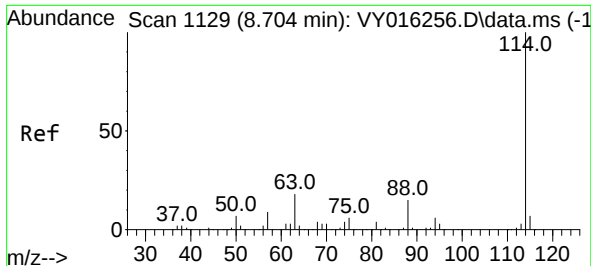
Tgt Ion:168 Resp: 96220
Ion Ratio Lower Upper
168 100
99 54.9 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 70.971 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY016360.D
Acq: 15 Nov 2023 12:50

Tgt Ion: 65 Resp: 62413
Ion Ratio Lower Upper
65 100
67 52.6 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VY016360.D

Acq: 15 Nov 2023 12:50

Instrument :

MSVOA_Y

ClientSampleId :

710-ELIZABETH-AVE

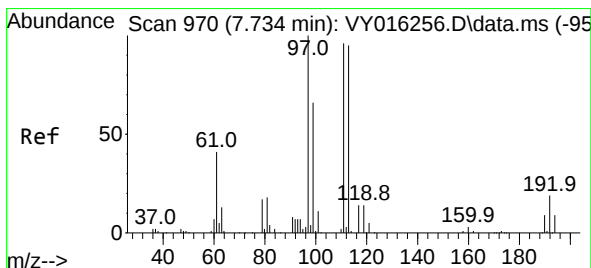
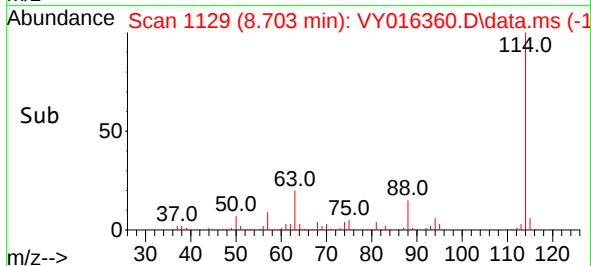
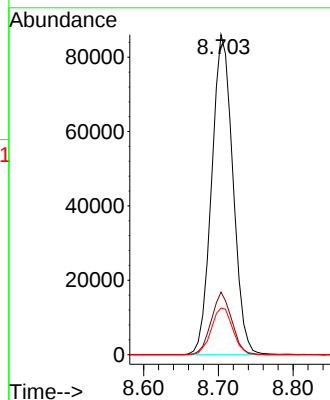
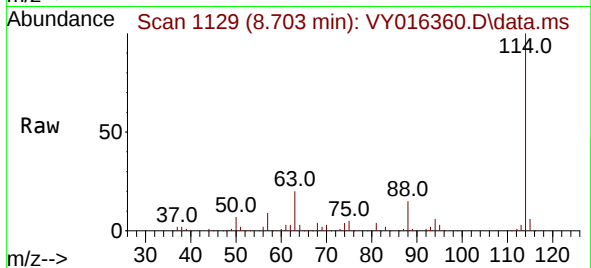
Tgt Ion:114 Resp: 170093

Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.4

88 14.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 56.790 ug/l

RT: 7.734 min Scan# 970

Delta R.T. -0.000 min

Lab File: VY016360.D

Acq: 15 Nov 2023 12:50

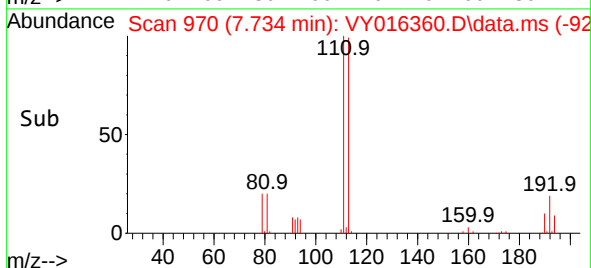
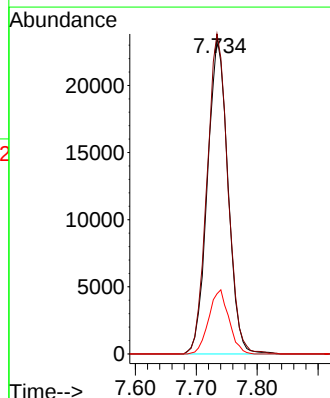
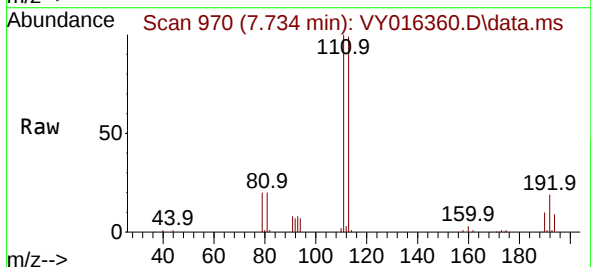
Tgt Ion:113 Resp: 54873

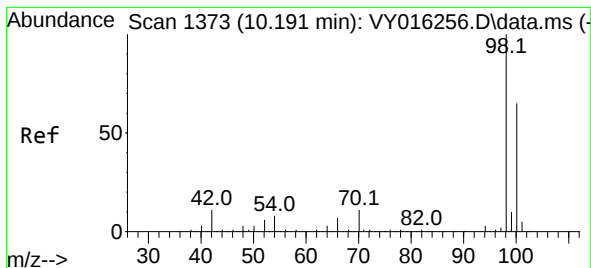
Ion Ratio Lower Upper

113 100

111 103.3 81.3 121.9

192 20.0 16.9 25.3





#50

Toluene-d8

Concen: 51.555 ug/l

RT: 10.191 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016360.D

Acq: 15 Nov 2023 12:50

Instrument :

MSVOA_Y

ClientSampleId :

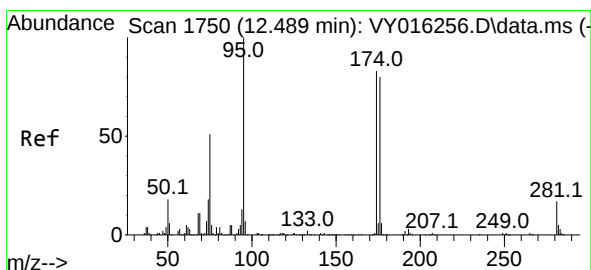
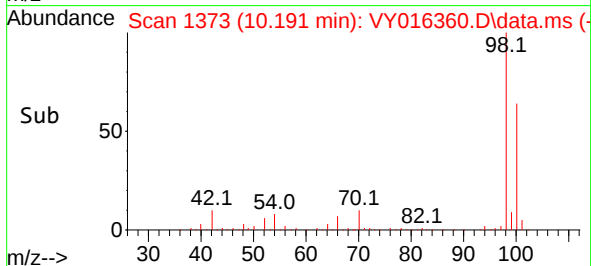
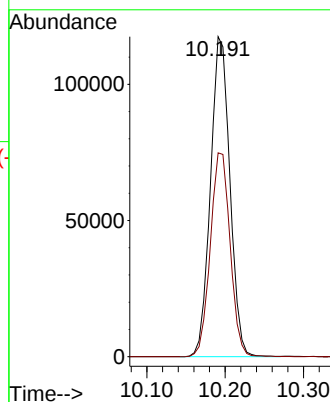
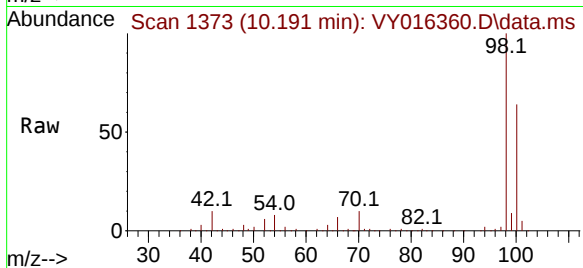
710-ELIZABETH-AVE

Tgt Ion: 98 Resp: 202007

Ion Ratio Lower Upper

98 100

100 65.1 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 53.780 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. 0.006 min

Lab File: VY016360.D

Acq: 15 Nov 2023 12:50

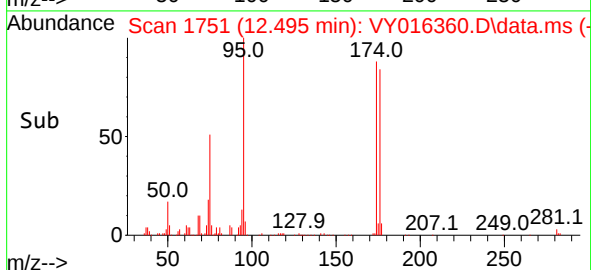
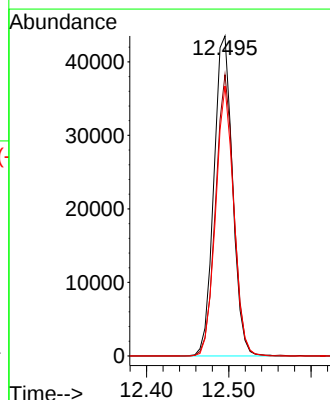
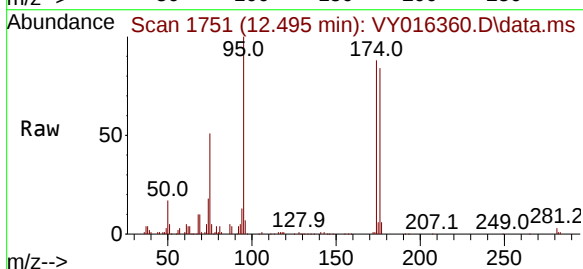
Tgt Ion: 95 Resp: 68441

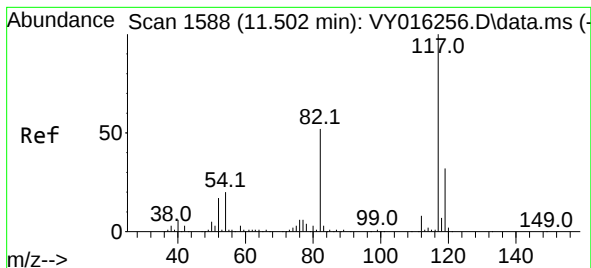
Ion Ratio Lower Upper

95 100

174 85.8 0.0 178.2

176 81.9 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016360.D

Acq: 15 Nov 2023 12:50

Instrument :

MSVOA_Y

ClientSampleId :

710-ELIZABETH-AVE

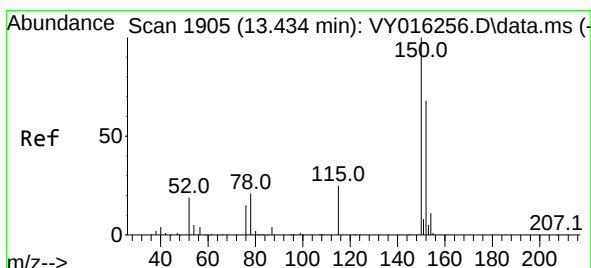
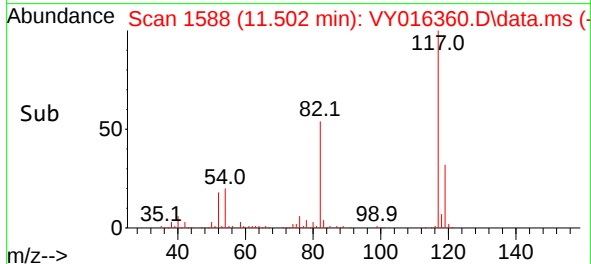
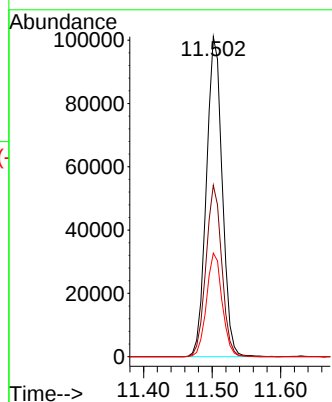
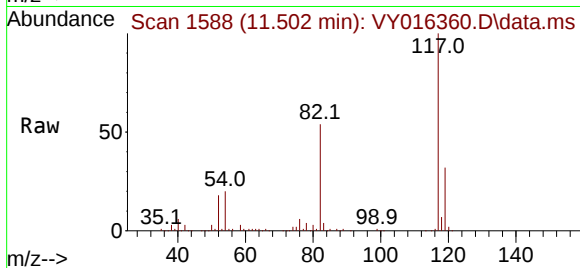
Tgt Ion:117 Resp: 162950

Ion Ratio Lower Upper

117 100

82 53.6 43.4 65.0

119 32.4 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. -0.000 min

Lab File: VY016360.D

Acq: 15 Nov 2023 12:50

Tgt Ion:152 Resp: 72413

Ion Ratio Lower Upper

152 100

115 57.8 28.8 86.5

150 155.9 0.0 348.8

