

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111523\
 Data File : VY016358.D
 Acq On : 15 Nov 2023 12:03
 Operator : SY/MD
 Sample : 05408-01
 Misc : 4.17g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 710-NEW-YORK-AVE

Quant Time: Nov 16 00:02:34 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	100661	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	177053	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.501	117	166369	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	70018	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.154	65	59463	64.634	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	129.260%
35) Dibromofluoromethane	7.734	113	56400	56.076	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.160%
50) Toluene-d8	10.191	98	209151	51.280	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.560%
62) 4-Bromofluorobenzene	12.495	95	67523	50.973	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.940%

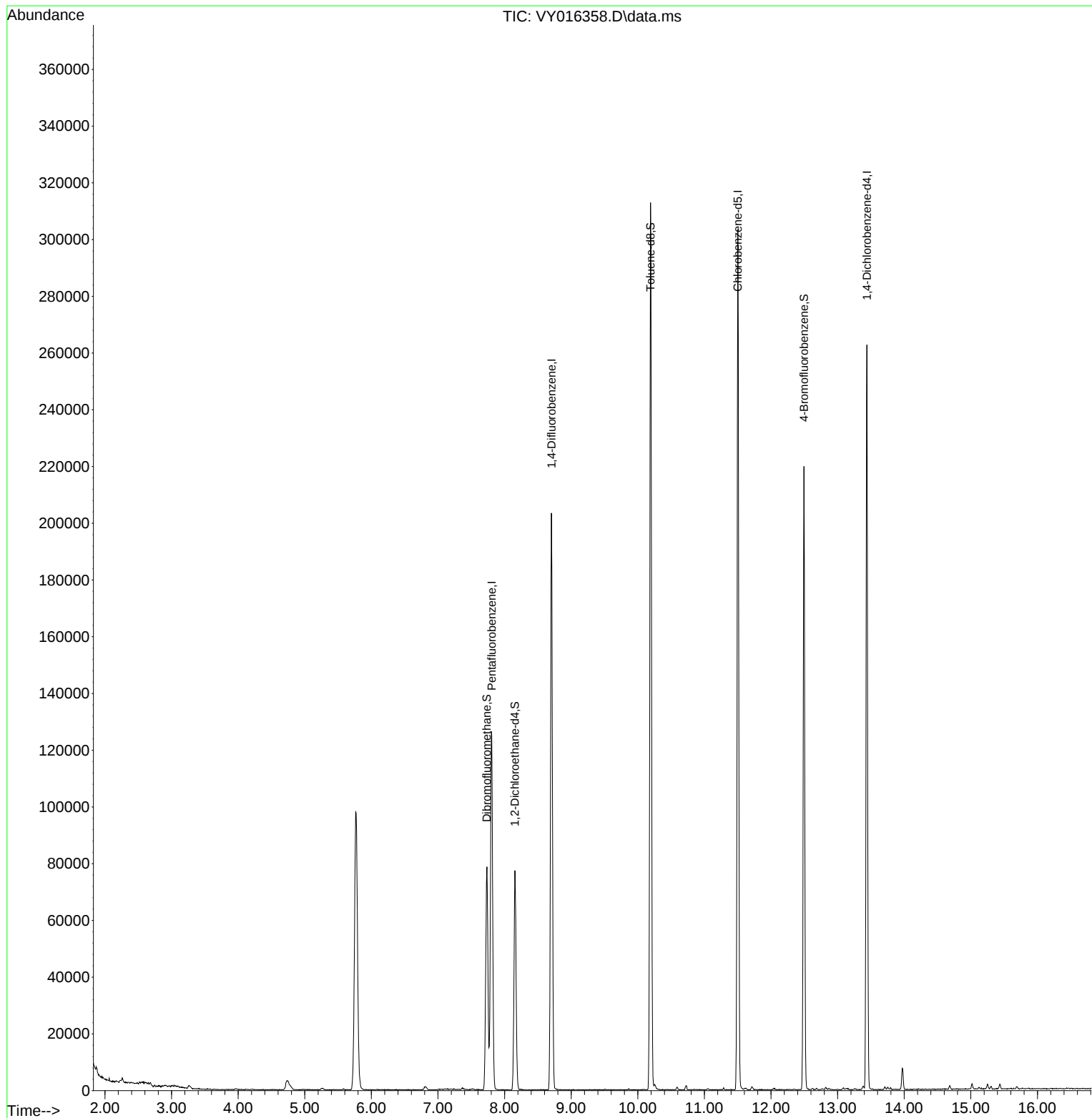
Target Compounds	Qvalue

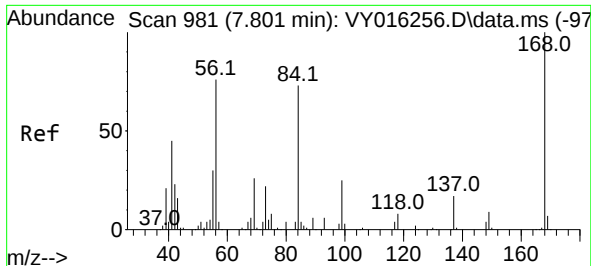
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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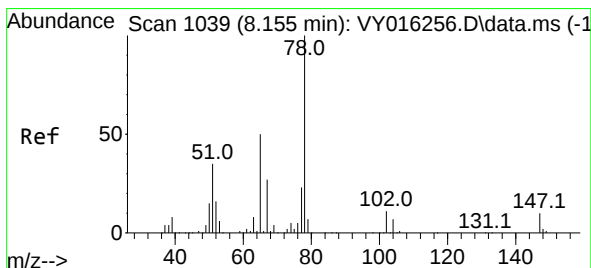
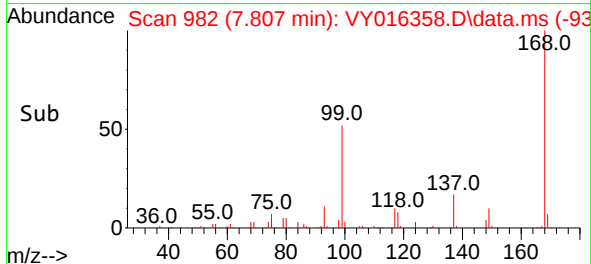
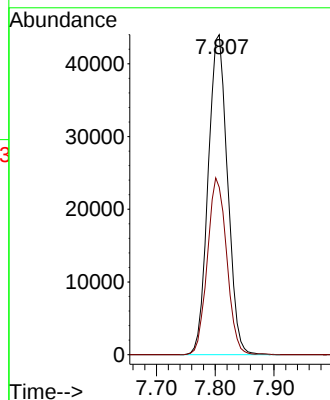
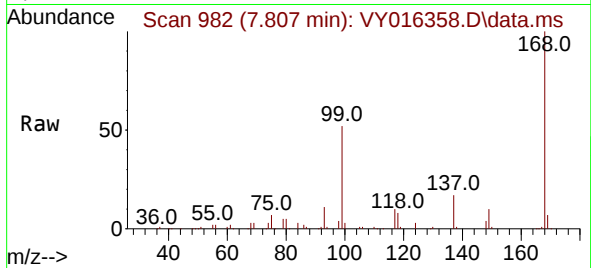




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY016358.D
Acq: 15 Nov 2023 12:03

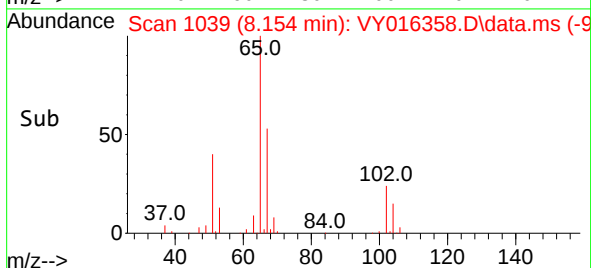
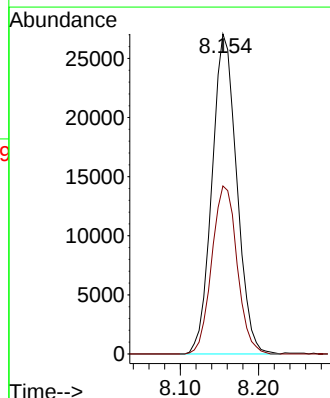
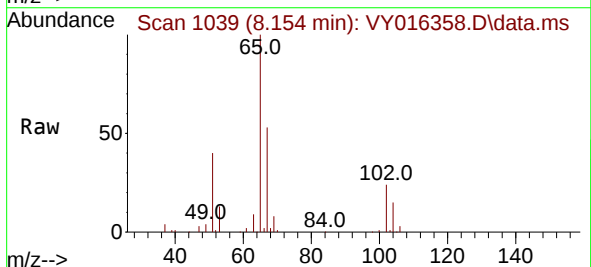
Instrument :
MSVOA_Y
ClientSampleId :
710-NEW-YORK-AVE

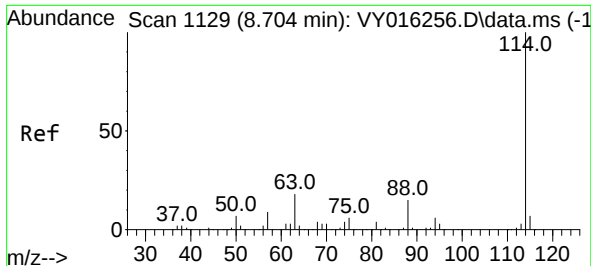
Tgt Ion:168 Resp: 100661
Ion Ratio Lower Upper
168 100
99 52.3 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 64.634 ug/l
RT: 8.154 min Scan# 1039
Delta R.T. -0.001 min
Lab File: VY016358.D
Acq: 15 Nov 2023 12:03

Tgt Ion: 65 Resp: 59463
Ion Ratio Lower Upper
65 100
67 53.6 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. -0.001 min

Lab File: VY016358.D

Acq: 15 Nov 2023 12:03

Instrument :

MSVOA_Y

ClientSampleId :

710-NEW-YORK-AVE

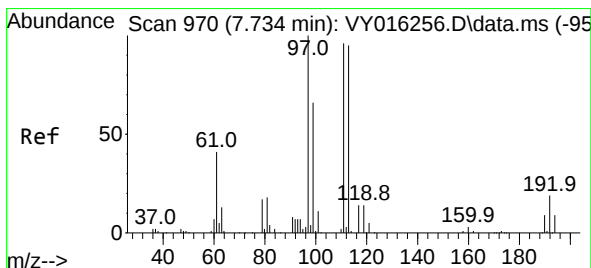
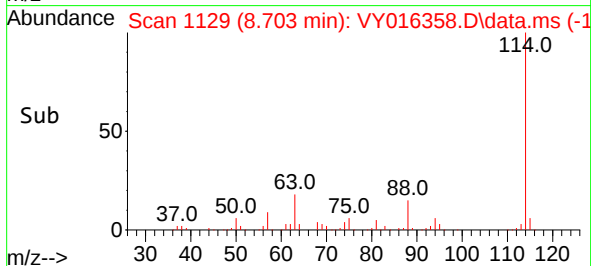
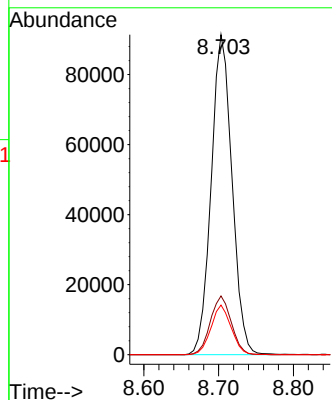
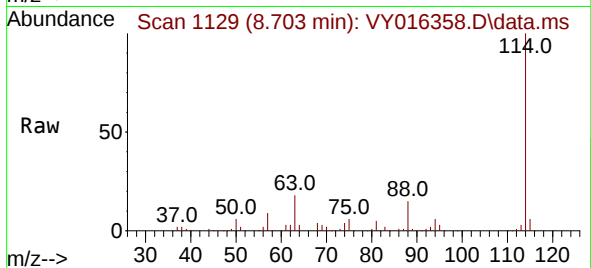
Tgt Ion:114 Resp: 177053

Ion Ratio Lower Upper

114 100

63 18.4 0.0 42.4

88 15.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 56.076 ug/l

RT: 7.734 min Scan# 970

Delta R.T. -0.001 min

Lab File: VY016358.D

Acq: 15 Nov 2023 12:03

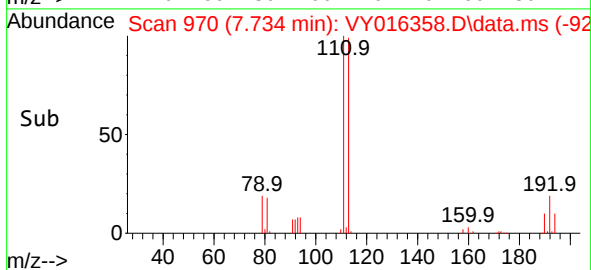
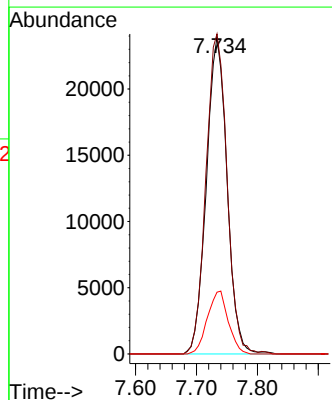
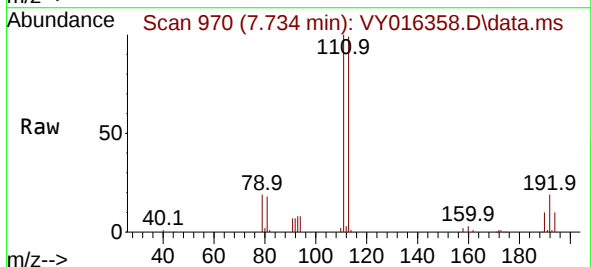
Tgt Ion:113 Resp: 56400

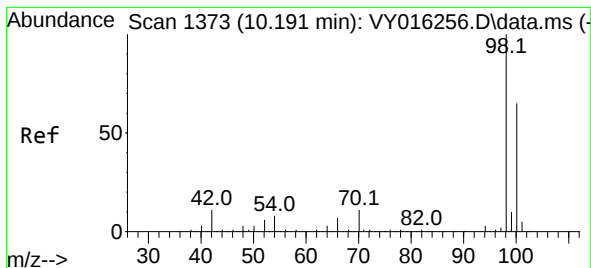
Ion Ratio Lower Upper

113 100

111 102.8 81.3 121.9

192 20.0 16.9 25.3

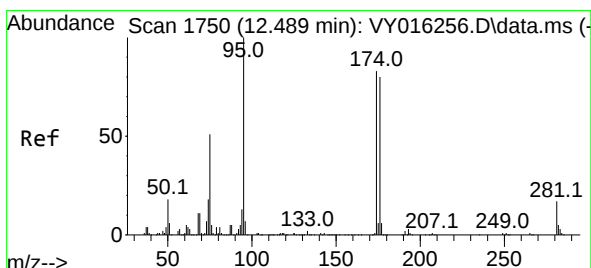
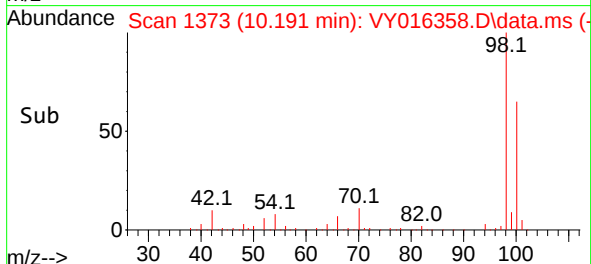
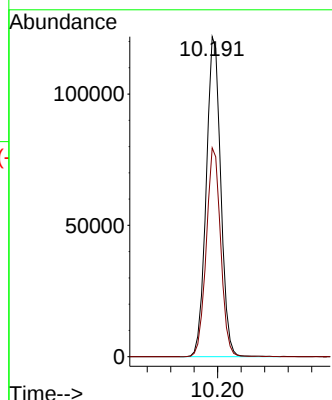
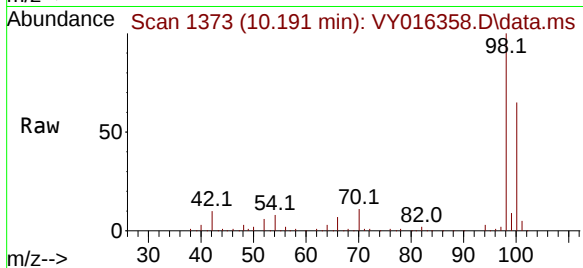




#50
Toluene-d8
Concen: 51.280 ug/l
RT: 10.191 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY016358.D
Acq: 15 Nov 2023 12:03

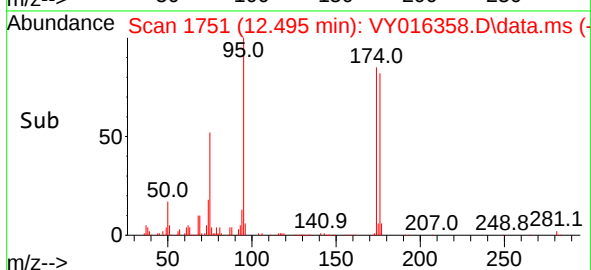
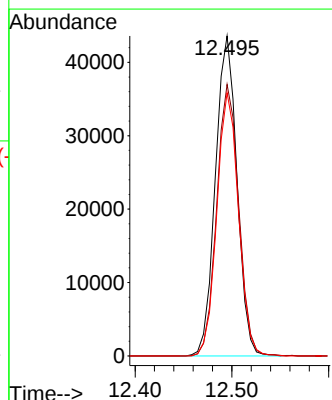
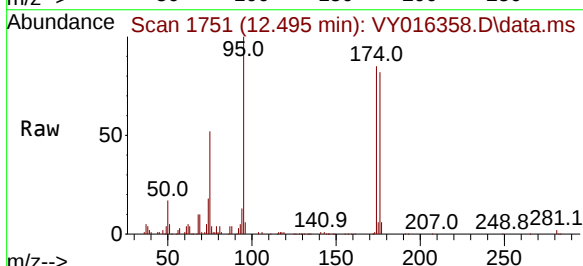
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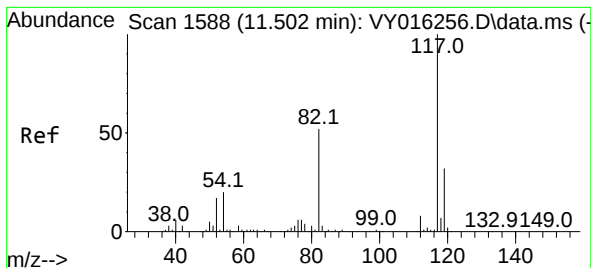
Tgt Ion: 98 Resp: 209151
Ion Ratio Lower Upper
98 100
100 64.6 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 50.973 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016358.D
Acq: 15 Nov 2023 12:03

Tgt Ion: 95 Resp: 67523
Ion Ratio Lower Upper
95 100
174 86.4 0.0 178.2
176 82.3 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.501 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY016358.D

Acq: 15 Nov 2023 12:03

Instrument :

MSVOA_Y

ClientSampleId :

710-NEW-YORK-AVE

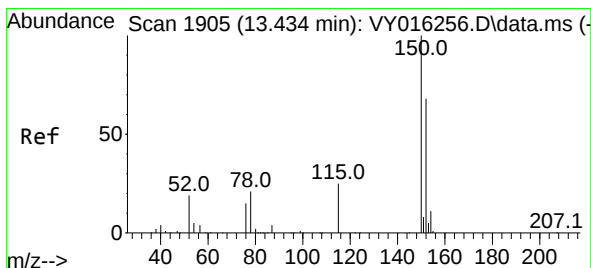
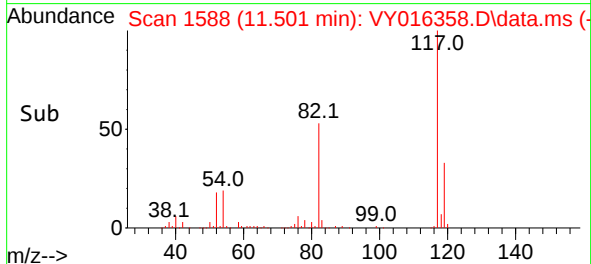
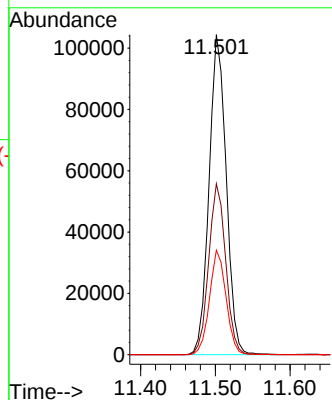
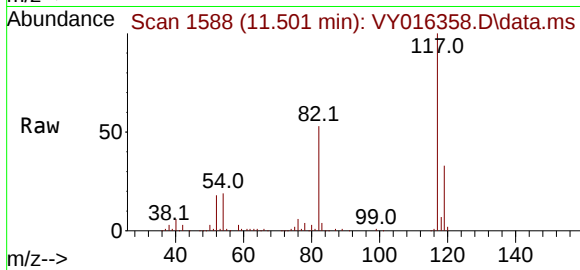
Tgt Ion:117 Resp: 166369

Ion Ratio Lower Upper

117 100

82 53.4 43.4 65.0

119 32.6 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.006 min

Lab File: VY016358.D

Acq: 15 Nov 2023 12:03

Tgt Ion:152 Resp: 70018

Ion Ratio Lower Upper

152 100

115 57.5 28.8 86.5

150 154.9 0.0 348.8

