

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111523\
 Data File : VY016363.D
 Acq On : 15 Nov 2023 14:00
 Operator : SY/MD
 Sample : 05408-11
 Misc : 7.79g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 710-BOUND-BROOK-AVE

Quant Time: Nov 16 00:04:07 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	7.801	168	95695	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	167312	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	160736	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	72710	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	60040	68.647	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	137.300%
35) Dibromofluoromethane	7.728	113	53443	56.230	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.460%
50) Toluene-d8	10.191	98	199445	51.747	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.500%
62) 4-Bromofluorobenzene	12.489	95	67301	53.764	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	107.520%

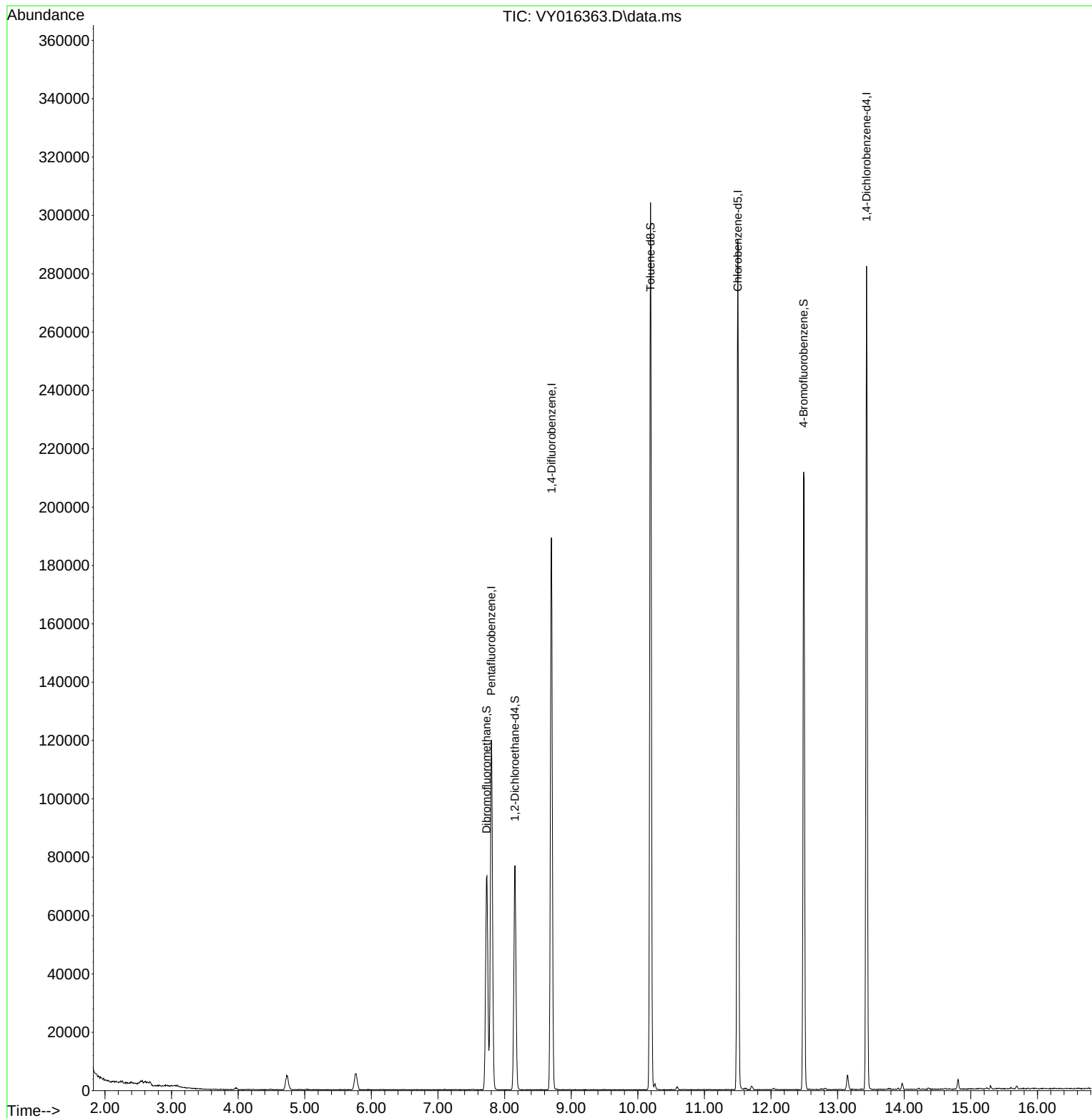
Target Compounds	Qvalue

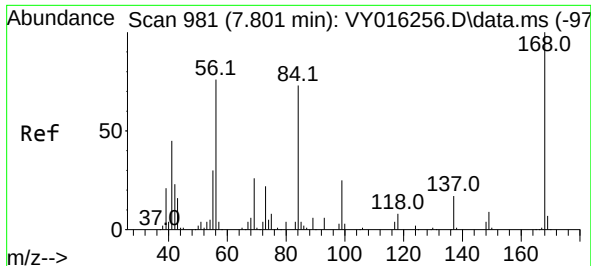
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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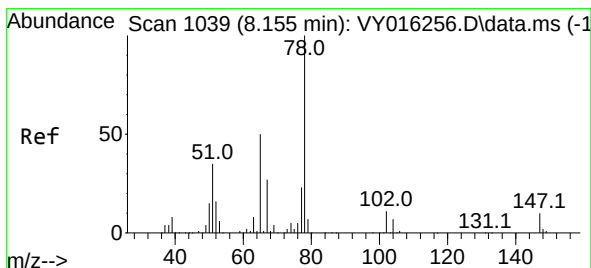
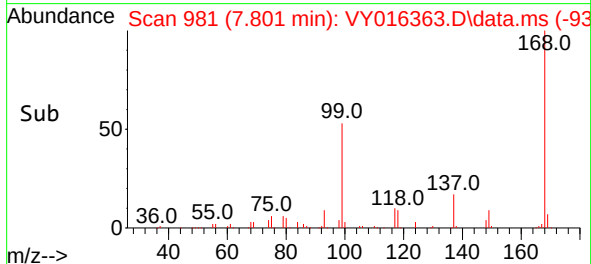
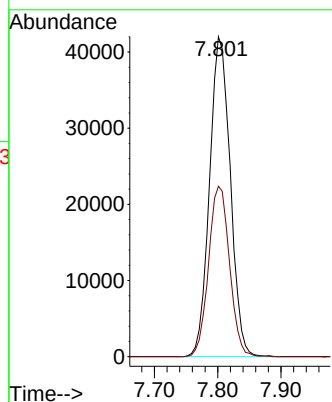
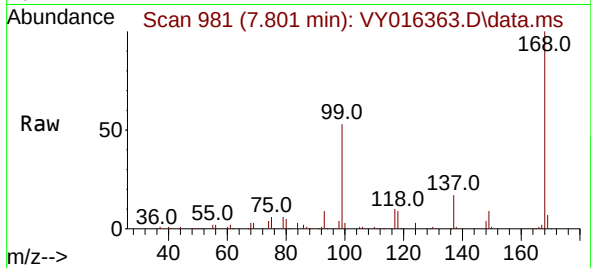




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016363.D
Acq: 15 Nov 2023 14:00

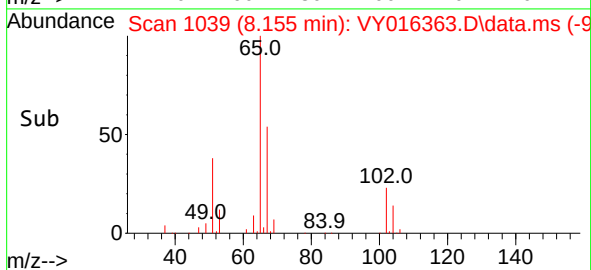
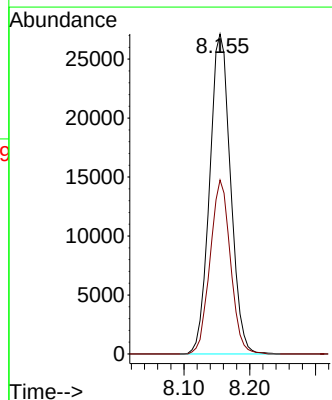
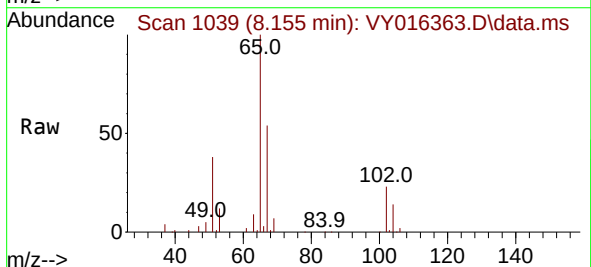
Instrument :
MSVOA_Y
ClientSampleId :
710-BOUND-BROOK-AVE

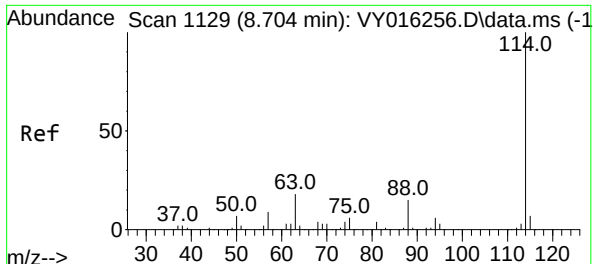
Tgt Ion:168 Resp: 95695
Ion Ratio Lower Upper
168 100
99 53.3 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 68.647 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY016363.D
Acq: 15 Nov 2023 14:00

Tgt Ion: 65 Resp: 60040
Ion Ratio Lower Upper
65 100
67 52.9 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: VY016363.D

Acq: 15 Nov 2023 14:00

Instrument :

MSVOA_Y

ClientSampleId :

710-BOUND-BROOK-AVE

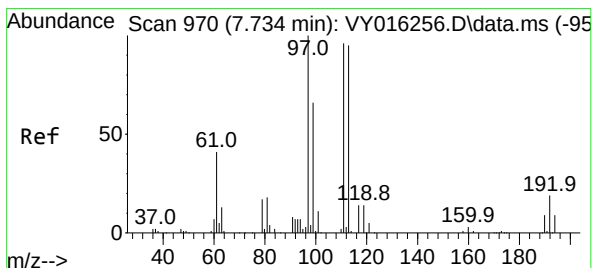
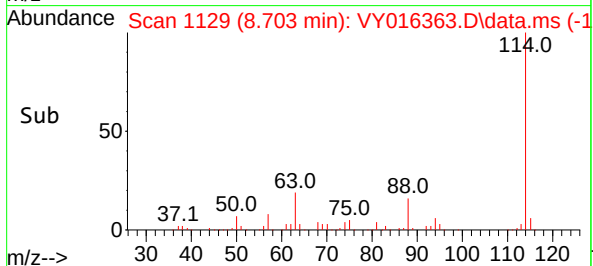
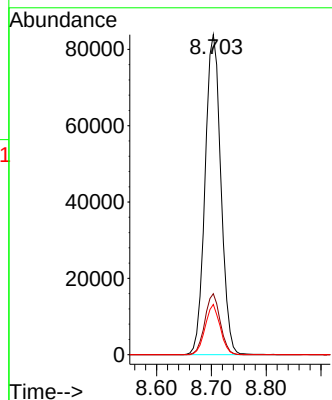
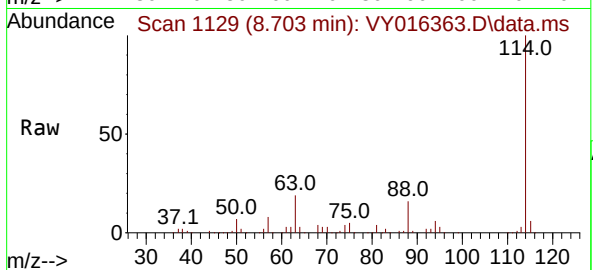
Tgt Ion:114 Resp: 167312

Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.4

88 15.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 56.230 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.006 min

Lab File: VY016363.D

Acq: 15 Nov 2023 14:00

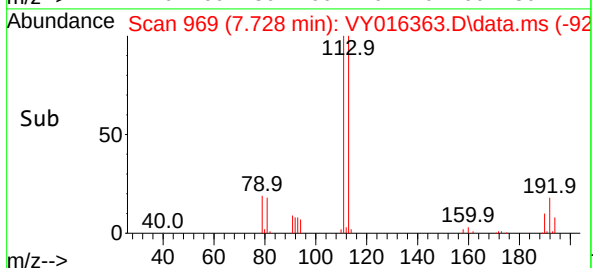
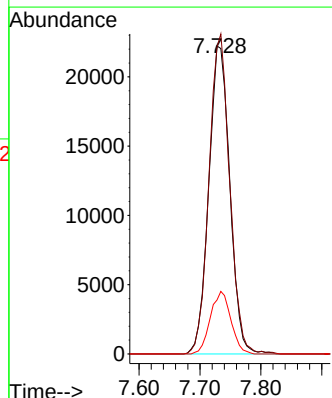
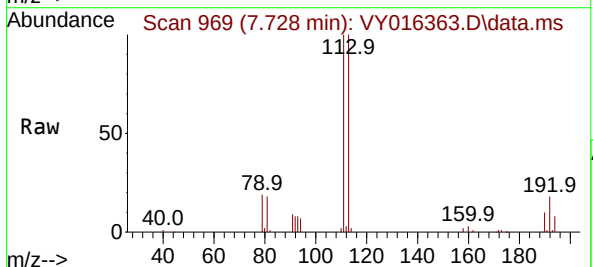
Tgt Ion:113 Resp: 53443

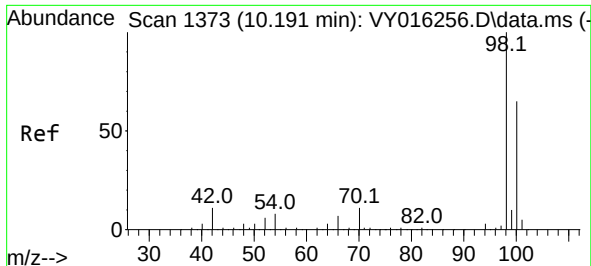
Ion Ratio Lower Upper

113 100

111 101.9 81.3 121.9

192 19.8 16.9 25.3

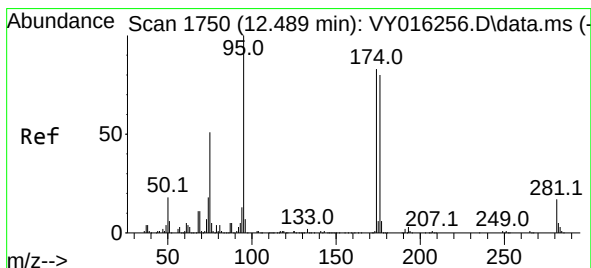
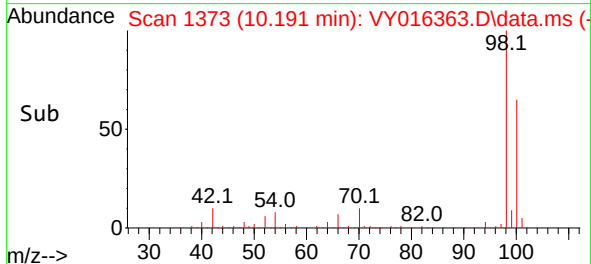
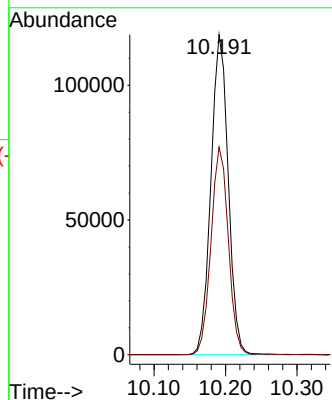
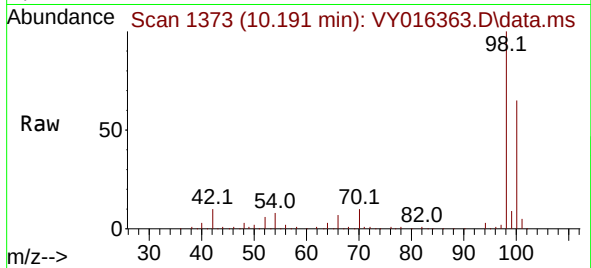




#50
Toluene-d8
Concen: 51.747 ug/l
RT: 10.191 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016363.D
Acq: 15 Nov 2023 14:00

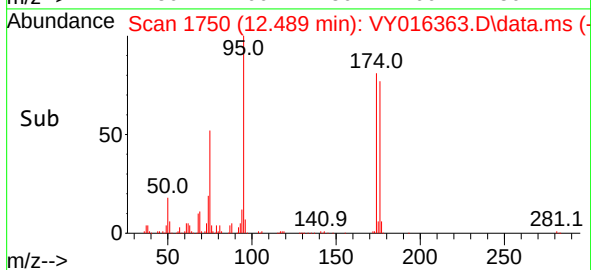
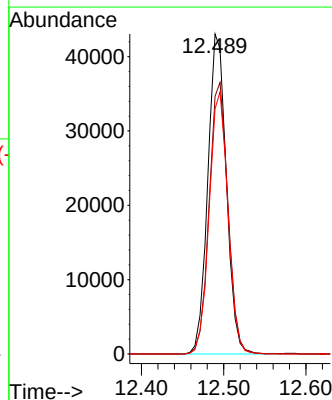
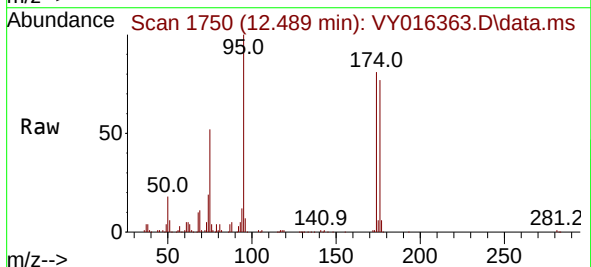
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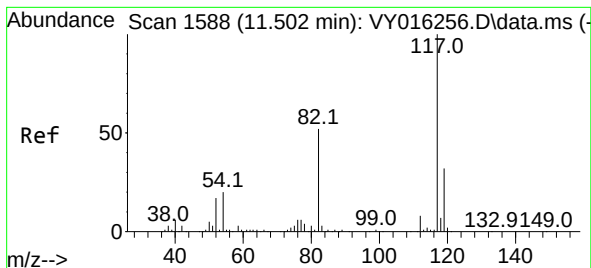
Tgt Ion: 98 Resp: 199445
Ion Ratio Lower Upper
98 100
100 64.9 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 53.764 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016363.D
Acq: 15 Nov 2023 14:00

Tgt Ion: 95 Resp: 67301
Ion Ratio Lower Upper
95 100
174 86.1 0.0 178.2
176 82.5 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: VY016363.D

Acq: 15 Nov 2023 14:00

Instrument :

MSVOA_Y

ClientSampleId :

710-BOUND-BROOK-AVE

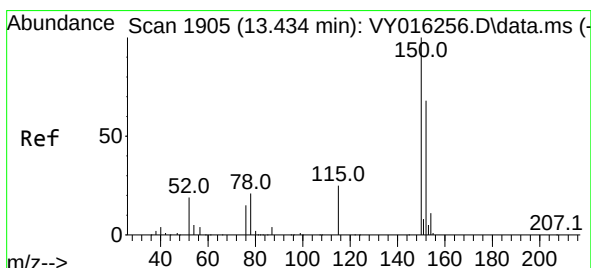
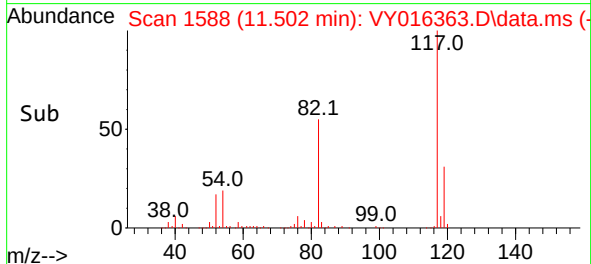
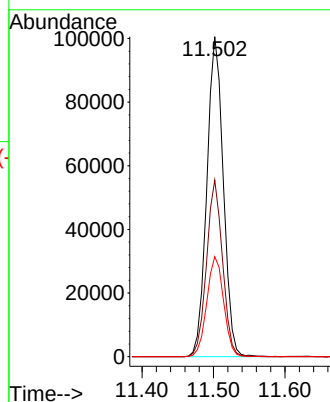
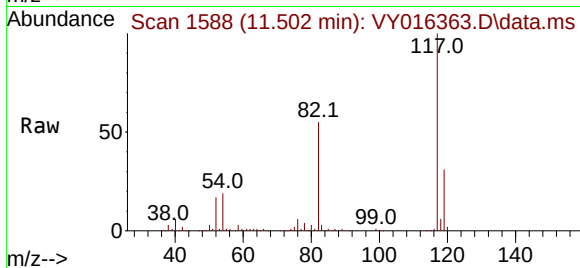
Tgt Ion:117 Resp: 160736

Ion Ratio Lower Upper

117 100

82 55.2 43.4 65.0

119 31.2 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: VY016363.D

Acq: 15 Nov 2023 14:00

Tgt Ion:152 Resp: 72710

Ion Ratio Lower Upper

152 100

115 56.8 28.8 86.5

150 157.7 0.0 348.8

