

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092823\
 Data File : VY015746.D
 Acq On : 28 Sep 2023 16:21
 Operator : SY/MD
 Sample : 04627-01RE
 Misc : 4.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 280-300FB-BACKFILL-01RE

Quant Time: Sep 29 01:26:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	123858	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	222018	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.496	117	206429	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	93628	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	82373	60.445	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.880%	
35) Dibromofluoromethane	7.722	113	73177	55.068	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.140%	
50) Toluene-d8	10.185	98	263508	58.484	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 116.960%	
62) 4-Bromofluorobenzene	12.483	95	87395	49.427	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 98.860%	

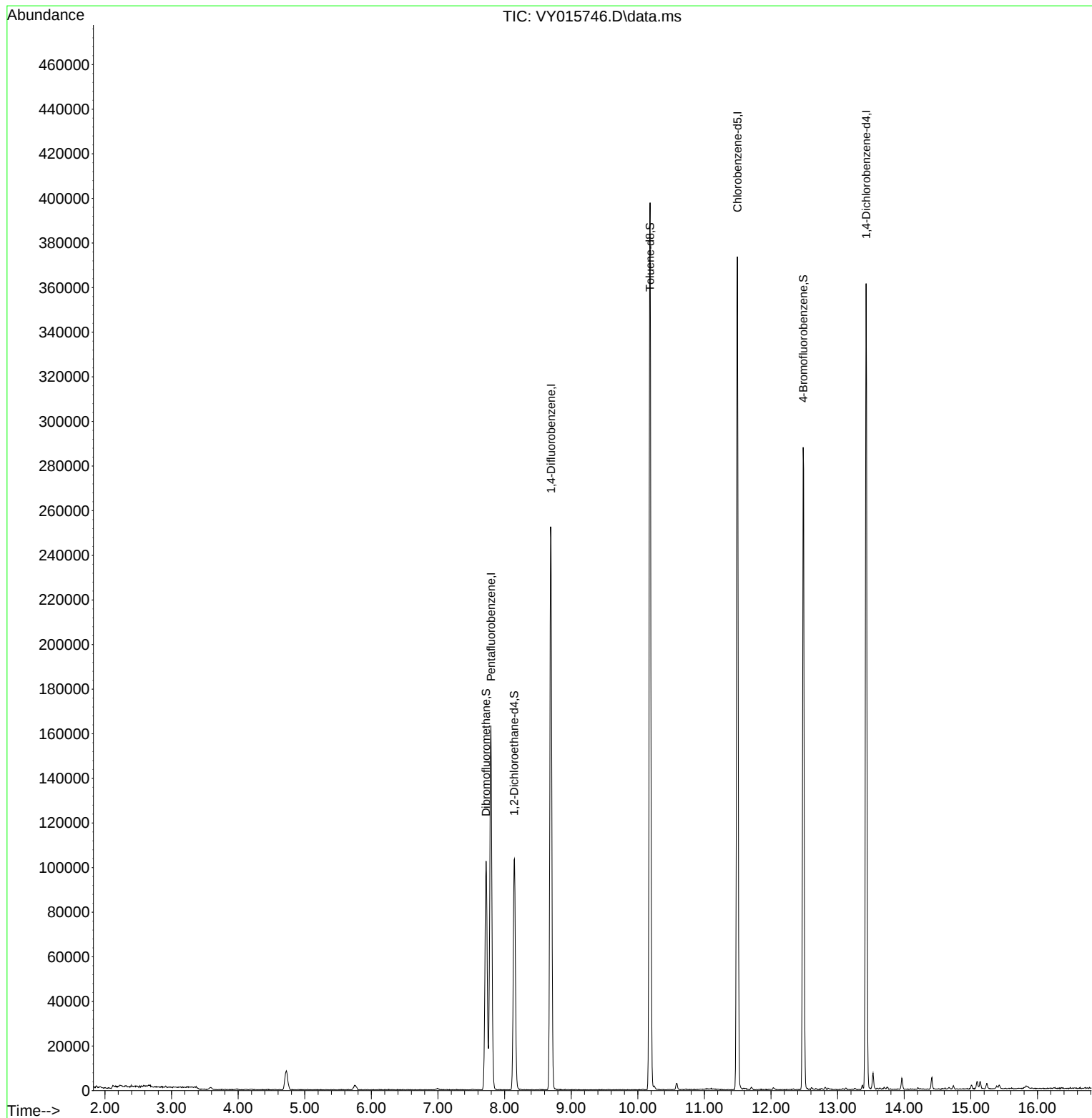
Target Compounds	Qvalue

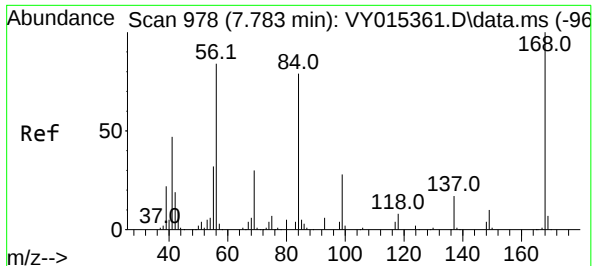
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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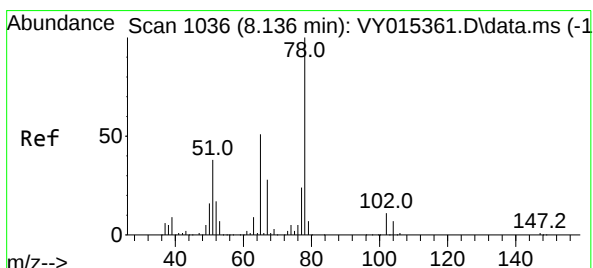
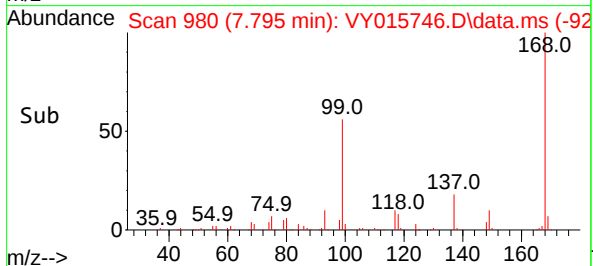
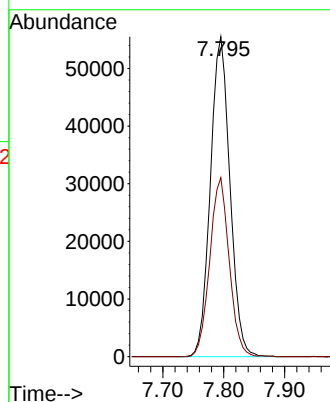
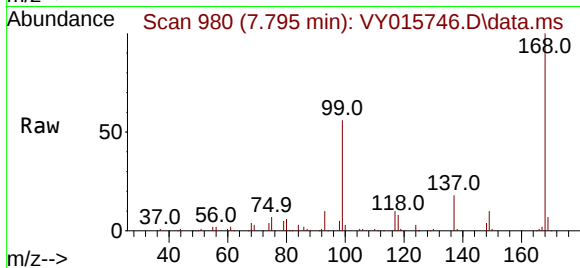




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015746.D
Acq: 28 Sep 2023 16:21

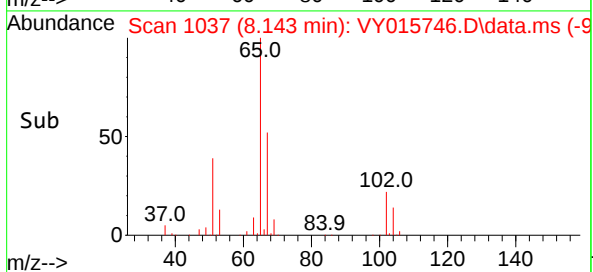
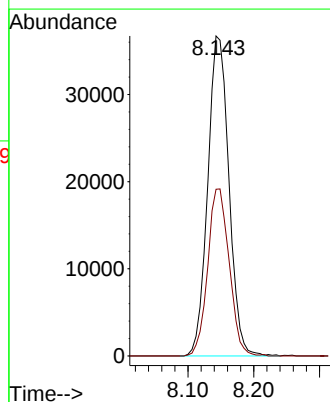
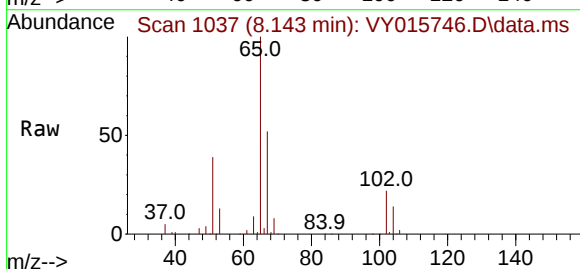
Instrument :
MSVOA_Y
ClientSampleId :
280-300FB-BACKFILL-01RE

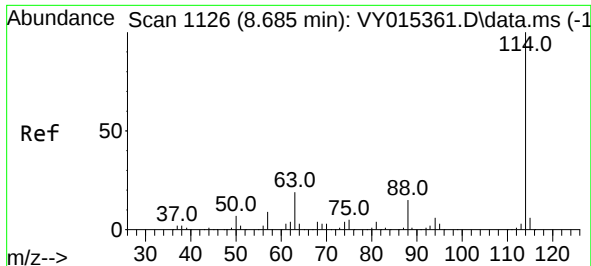
Tgt Ion:168 Resp: 123858
Ion Ratio Lower Upper
168 100
99 56.0 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 60.445 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY015746.D
Acq: 28 Sep 2023 16:21

Tgt Ion: 65 Resp: 82373
Ion Ratio Lower Upper
65 100
67 52.9 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.012 min

Lab File: VY015746.D

Acq: 28 Sep 2023 16:21

Instrument :

MSVOA_Y

ClientSampleId :

280-300FB-BACKFILL-01RE

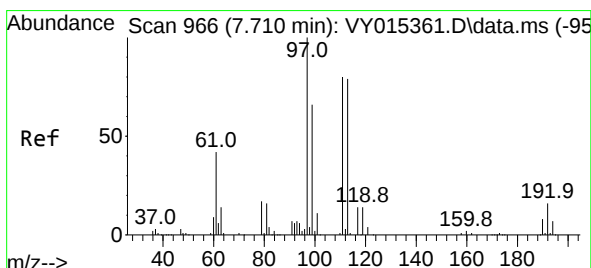
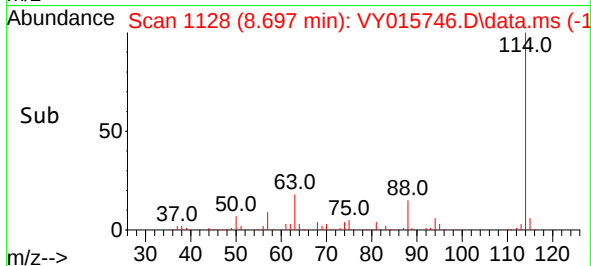
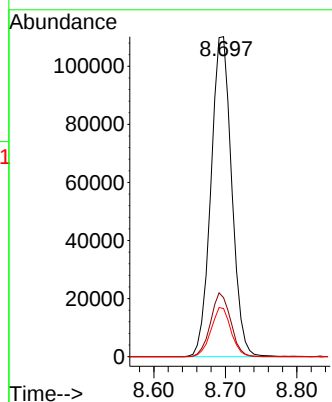
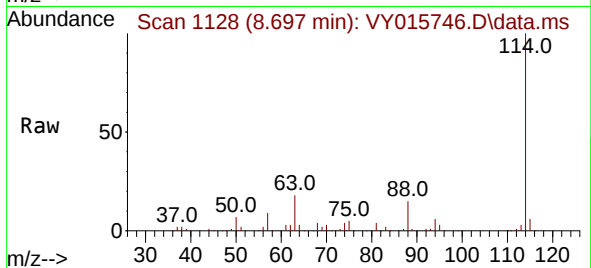
Tgt Ion:114 Resp: 222018

Ion Ratio Lower Upper

114 100

63 18.5 0.0 42.4

88 15.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.068 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY015746.D

Acq: 28 Sep 2023 16:21

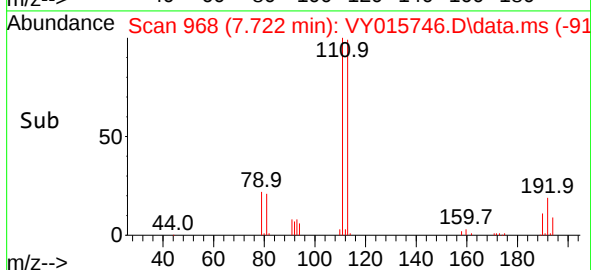
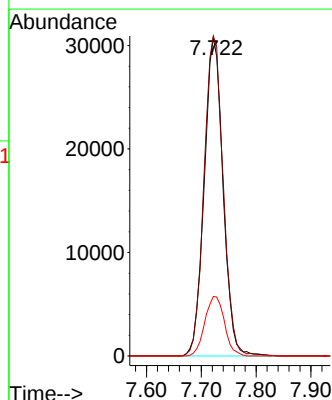
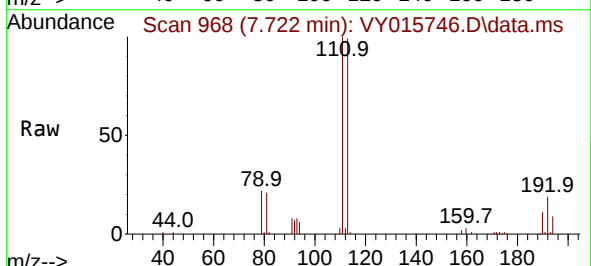
Tgt Ion:113 Resp: 73177

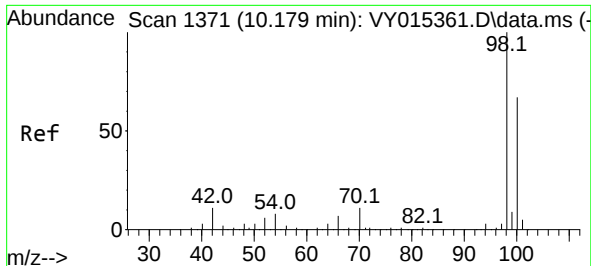
Ion Ratio Lower Upper

113 100

111 102.3 81.3 121.9

192 19.5 16.9 25.3

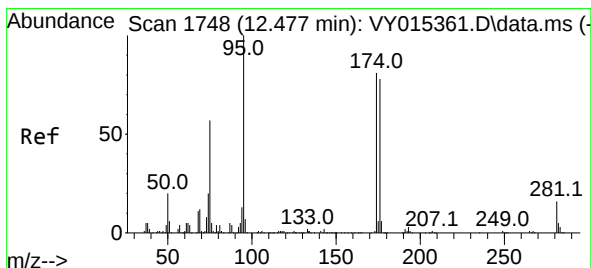
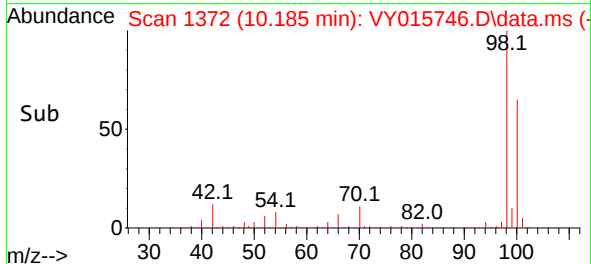
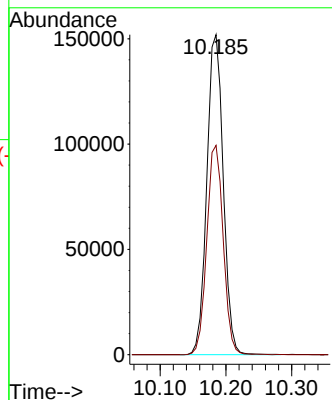
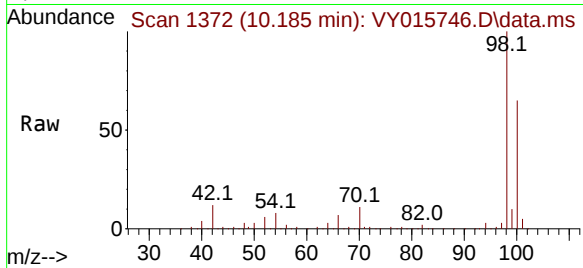




#50
Toluene-d8
Concen: 58.484 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015746.D
Acq: 28 Sep 2023 16:21

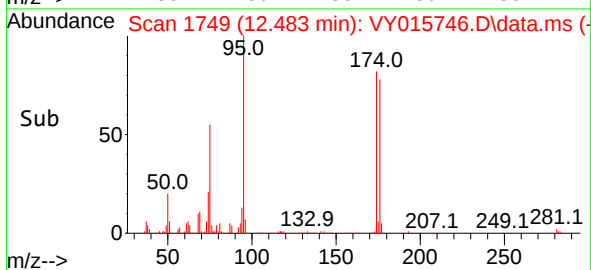
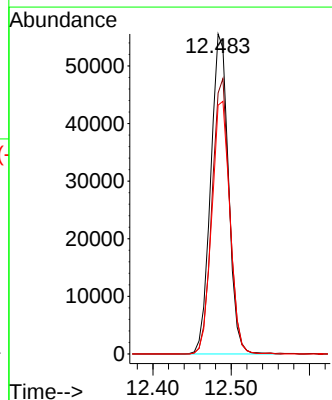
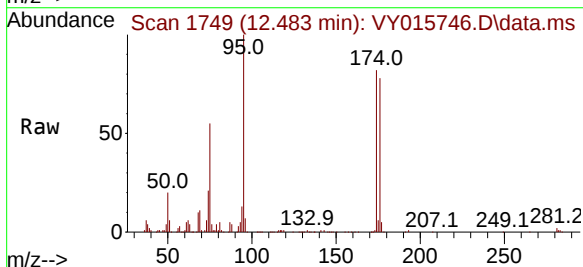
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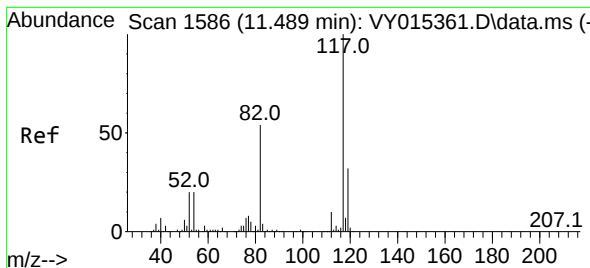
Tgt Ion: 98 Resp: 263508
Ion Ratio Lower Upper
98 100
100 65.5 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 49.427 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015746.D
Acq: 28 Sep 2023 16:21

Tgt Ion: 95 Resp: 87395
Ion Ratio Lower Upper
95 100
174 84.9 0.0 178.2
176 80.7 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY015746.D

Acq: 28 Sep 2023 16:21

Instrument :

MSVOA_Y

ClientSampleId :

280-300FB-BACKFILL-01RE

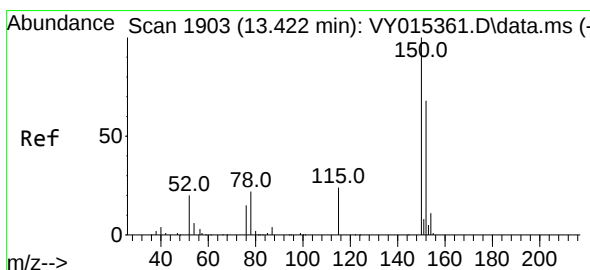
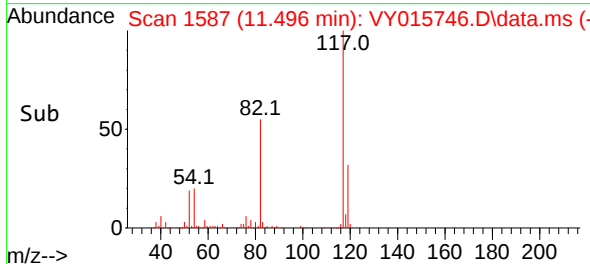
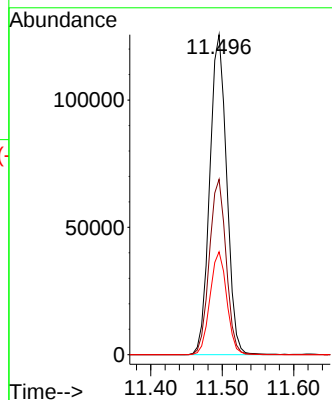
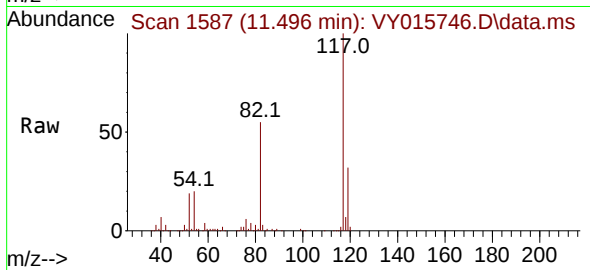
Tgt Ion:117 Resp: 206429

Ion Ratio Lower Upper

117 100

82 54.8 43.4 65.0

119 32.1 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY015746.D

Acq: 28 Sep 2023 16:21

Tgt Ion:152 Resp: 93628

Ion Ratio Lower Upper

152 100

115 57.4 28.8 86.5

150 156.5 0.0 348.8

