

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090623\
 Data File : VY015452.D
 Acq On : 06 Sep 2023 16:24
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Sep 06 16:49:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	310001	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	512260	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	468714	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	238144	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	192590	57.954	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.900%
35) Dibromofluoromethane	7.704	113	161550	54.753	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.500%
50) Toluene-d8	10.173	98	608006	56.903	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	113.800%
62) 4-Bromofluorobenzene	12.477	95	222001	55.967	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	111.940%

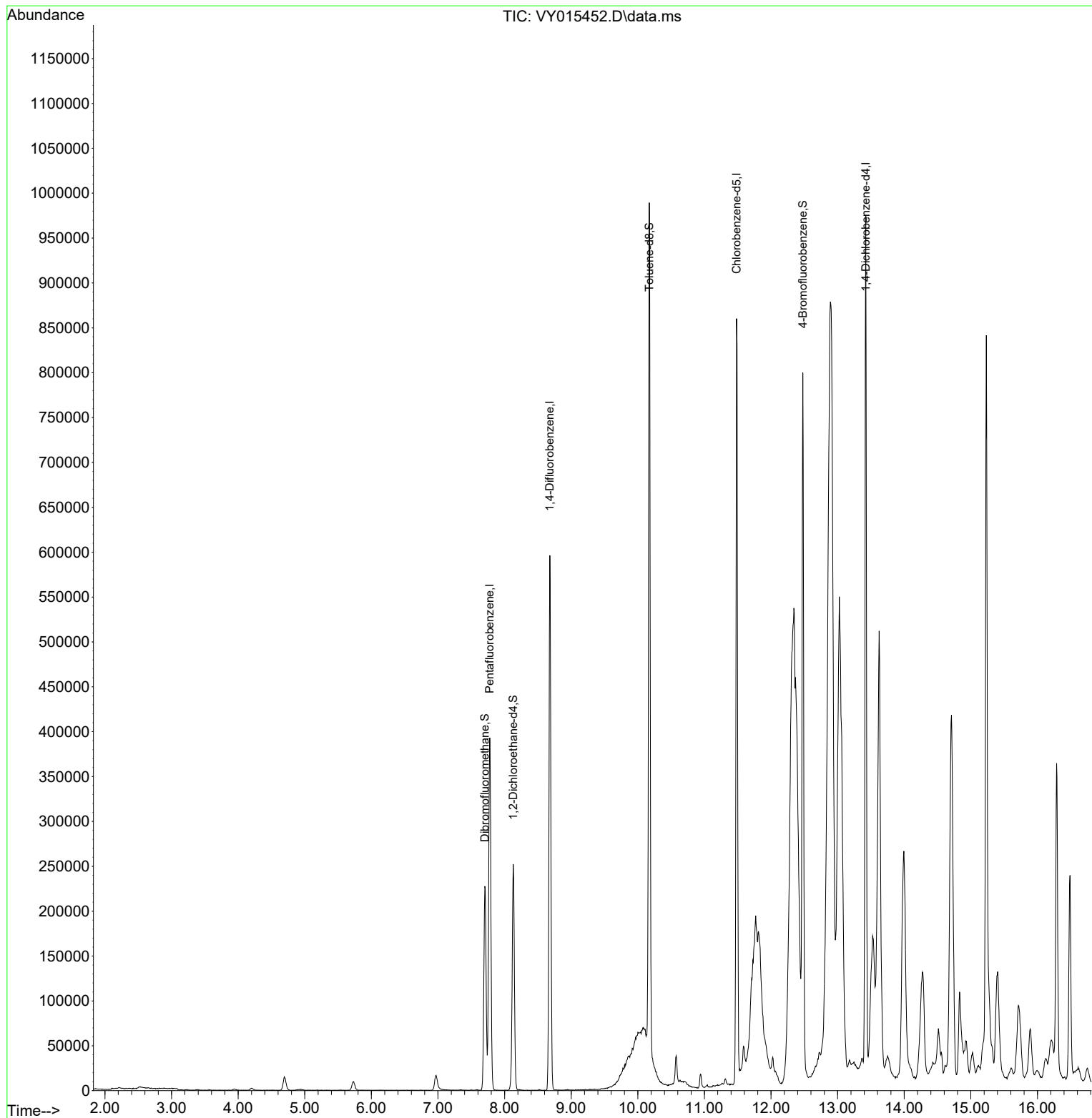
Target Compounds	Qvalue

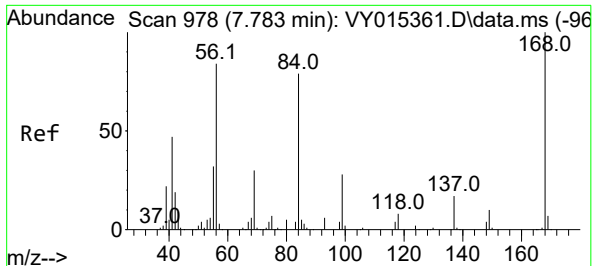
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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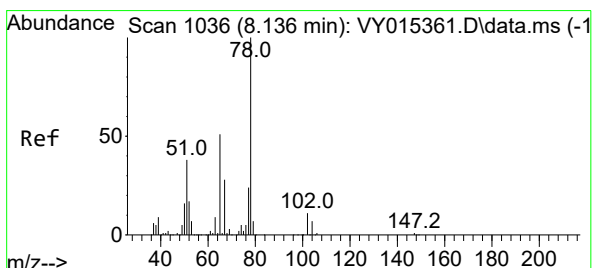
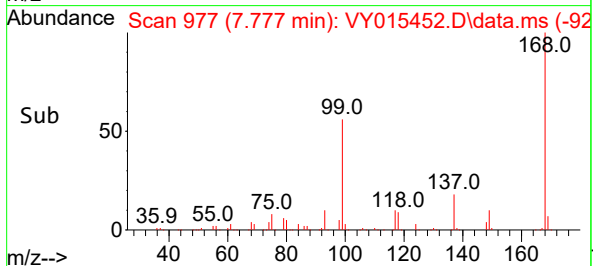
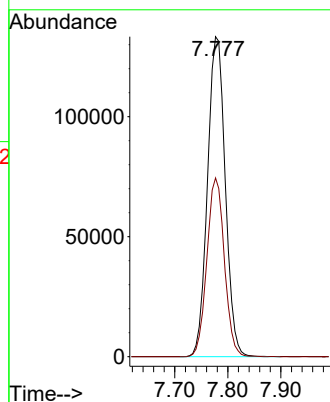
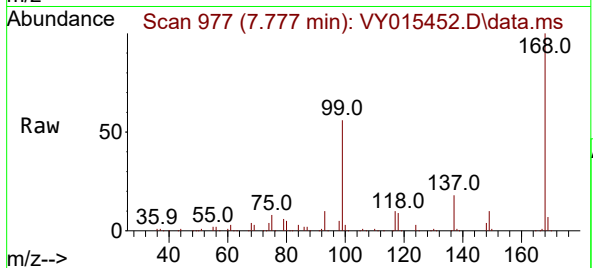




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015452.D
Acq: 06 Sep 2023 16:24

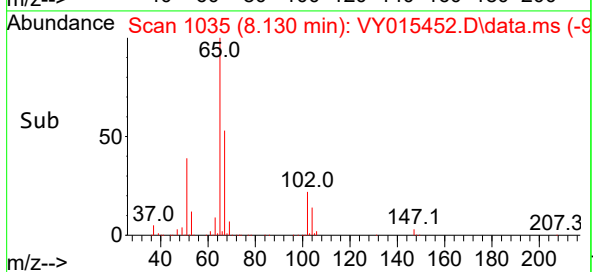
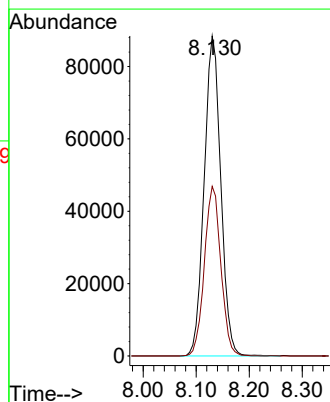
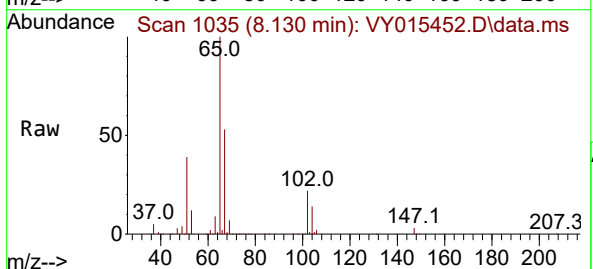
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

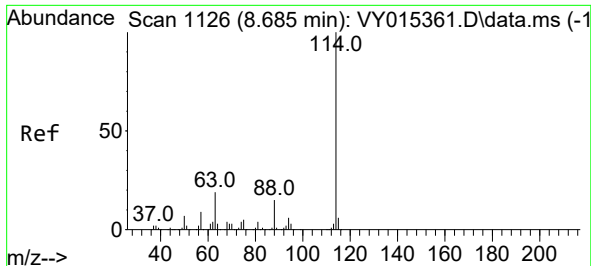
Tgt Ion:168 Resp: 310001
Ion Ratio Lower Upper
168 100
99 55.9 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 57.954 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY015452.D
Acq: 06 Sep 2023 16:24

Tgt Ion: 65 Resp: 192590
Ion Ratio Lower Upper
65 100
67 52.5 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. -0.006 min

Lab File: VY015452.D

Acq: 06 Sep 2023 16:24

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

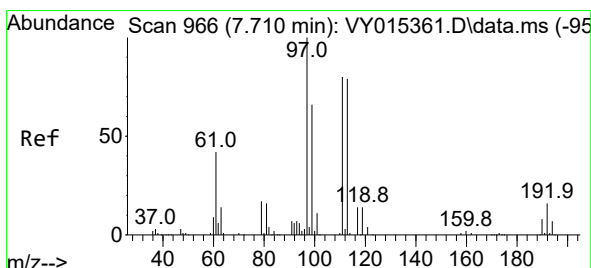
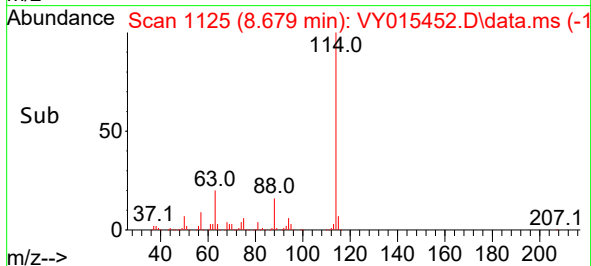
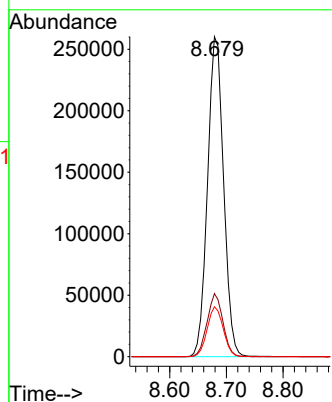
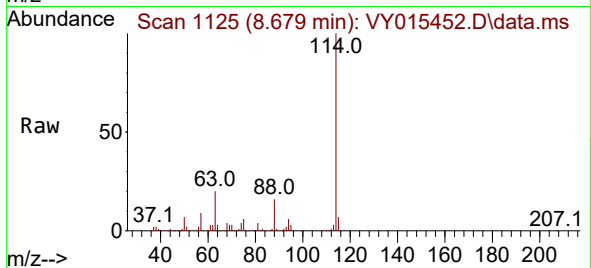
Tgt Ion:114 Resp: 512260

Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.4

88 15.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.753 ug/l

RT: 7.704 min Scan# 965

Delta R.T. -0.012 min

Lab File: VY015452.D

Acq: 06 Sep 2023 16:24

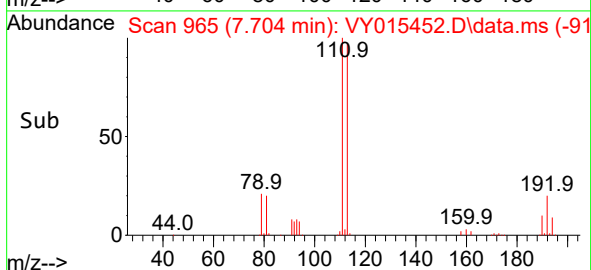
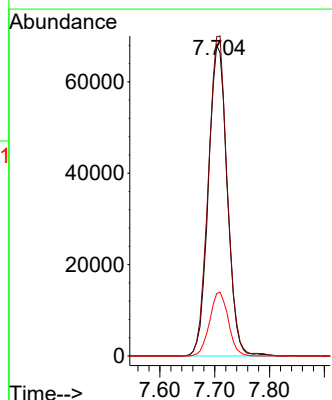
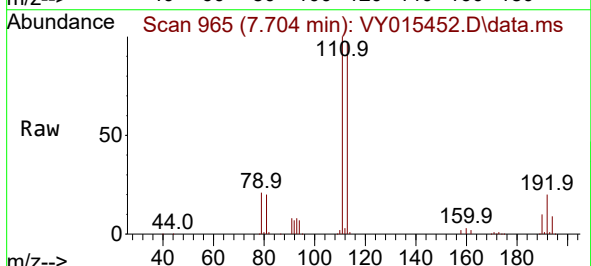
Tgt Ion:113 Resp: 161550

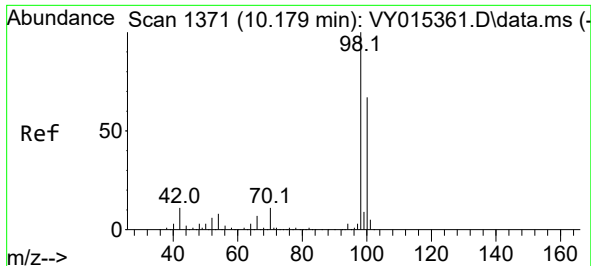
Ion Ratio Lower Upper

113 100

111 103.9 81.3 121.9

192 20.3 16.9 25.3

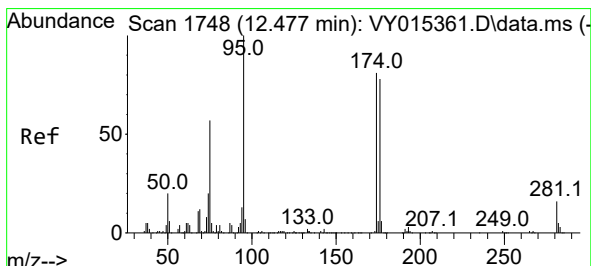
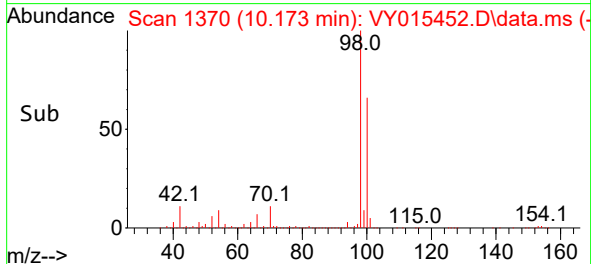
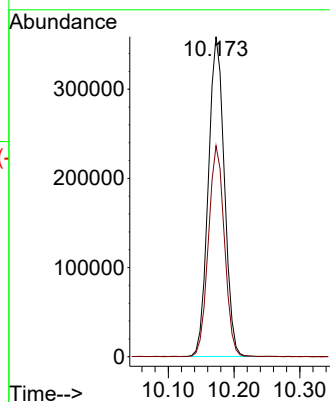
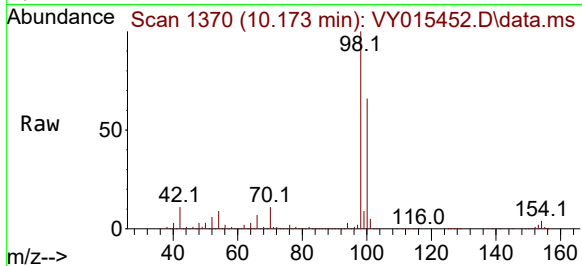




#50
Toluene-d8
Concen: 56.903 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY015452.D
Acq: 06 Sep 2023 16:24

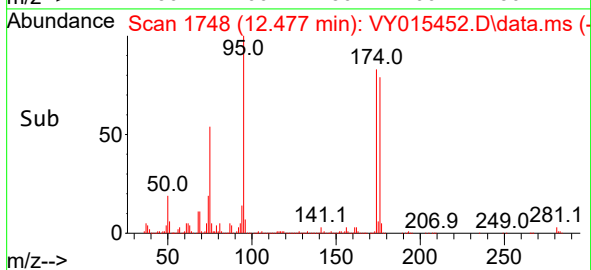
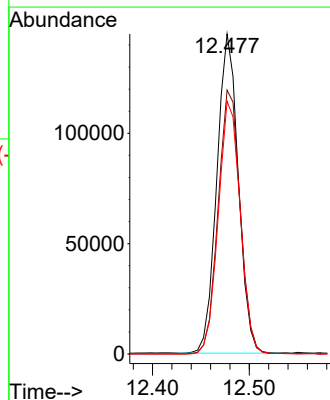
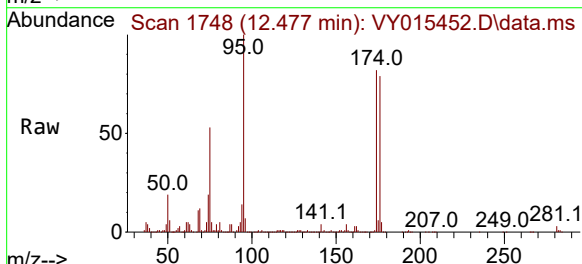
Instrument :
MSVOA_Y
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VIBLK

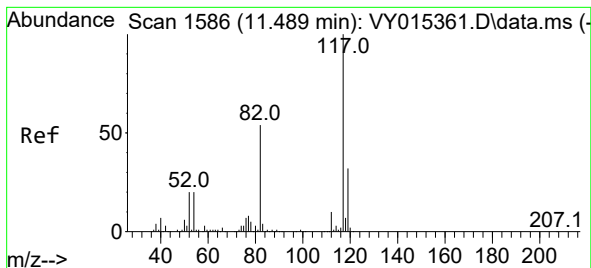
Tgt Ion: 98 Resp: 608006
Ion Ratio Lower Upper
98 100
100 65.8 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 55.967 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY015452.D
Acq: 06 Sep 2023 16:24

Tgt Ion: 95 Resp: 222001
Ion Ratio Lower Upper
95 100
174 85.4 0.0 178.2
176 81.3 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY015452.D

Acq: 06 Sep 2023 16:24

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

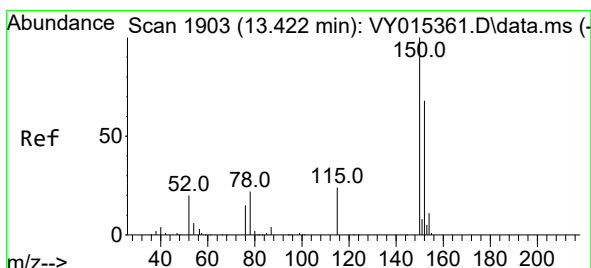
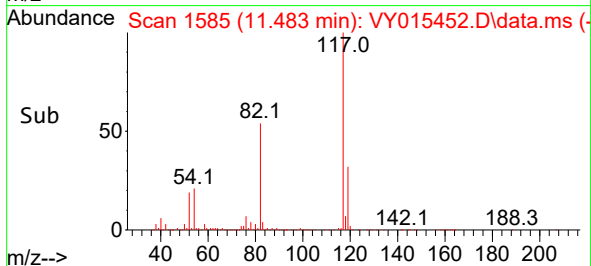
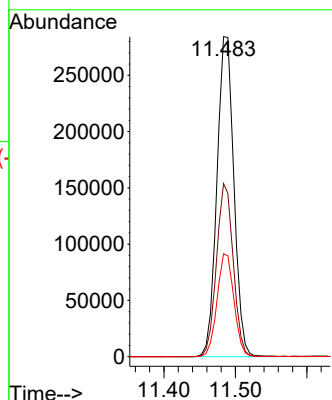
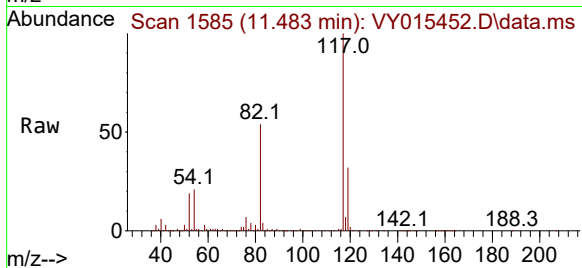
Tgt Ion:117 Resp: 468714

Ion Ratio Lower Upper

117 100

82 54.1 43.4 65.0

119 32.2 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY015452.D

Acq: 06 Sep 2023 16:24

Tgt Ion:152 Resp: 238144

Ion Ratio Lower Upper

152 100

115 58.6 28.8 86.5

150 158.2 0.0 348.8

