

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091523\
 Data File : VY015578.D
 Acq On : 15 Sep 2023 18:36
 Operator : SY/MD
 Sample : 04435-04
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1

Quant Time: Sep 15 23:00:02 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	7.789	168	94451	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	149485	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	117806	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	46828	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	48116	47.522	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.040%
35) Dibromofluoromethane	7.716	113	45221	52.521	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.040%
50) Toluene-d8	10.179	98	169684	54.421	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	108.840%
62) 4-Bromofluorobenzene	12.477	95	45167	39.021	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	78.040%

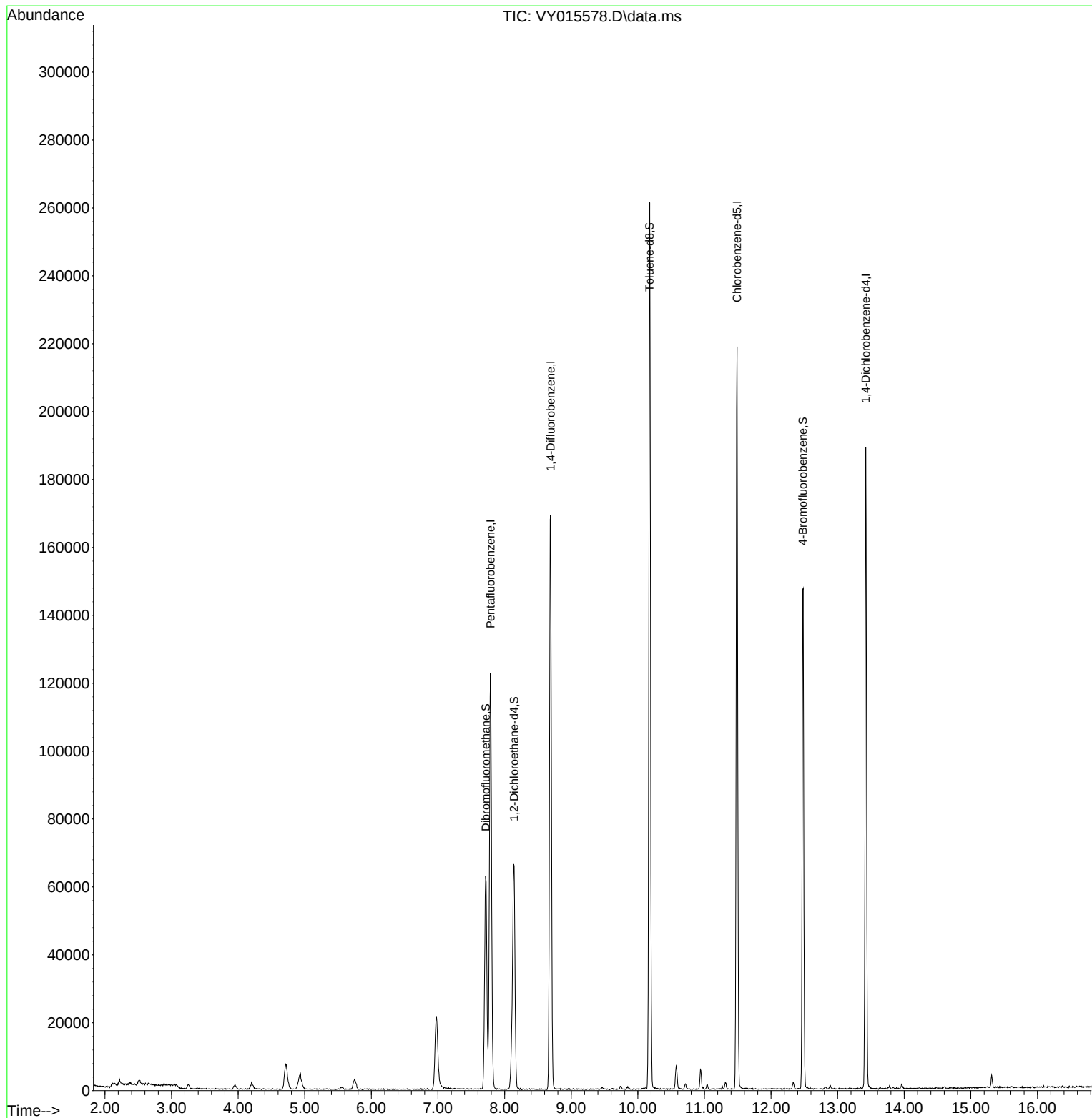
Target Compounds	Qvalue

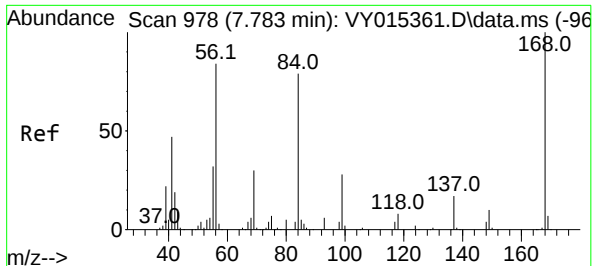
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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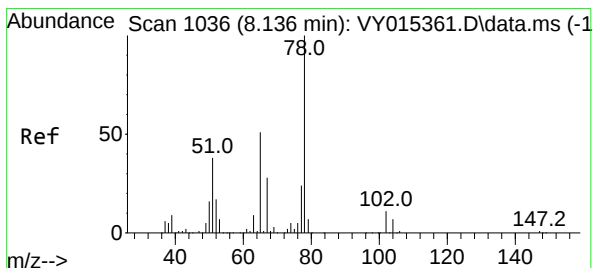
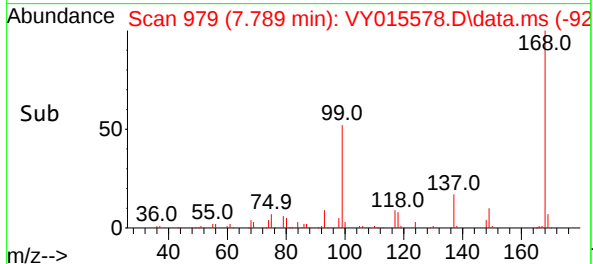
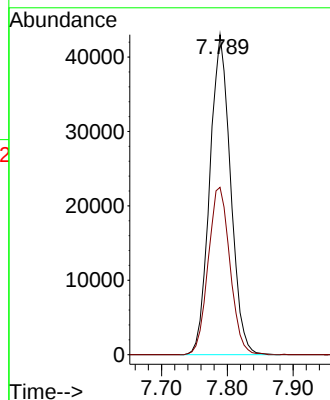
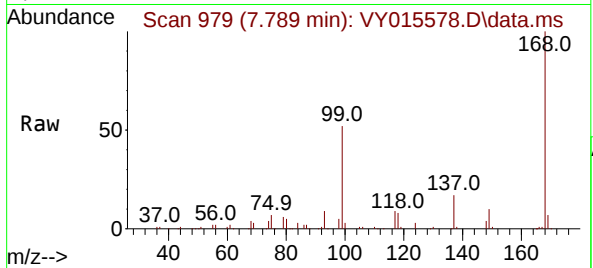




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015578.D
Acq: 15 Sep 2023 18:36

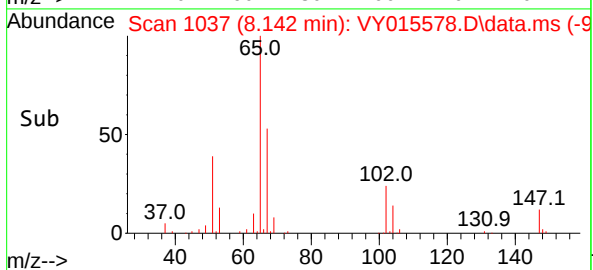
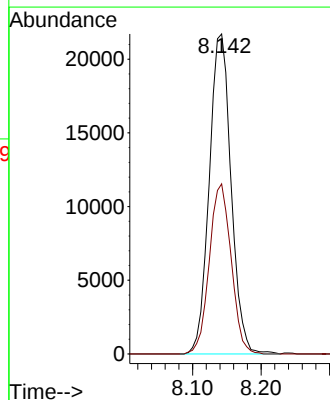
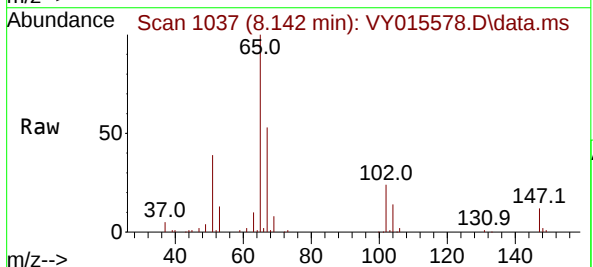
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

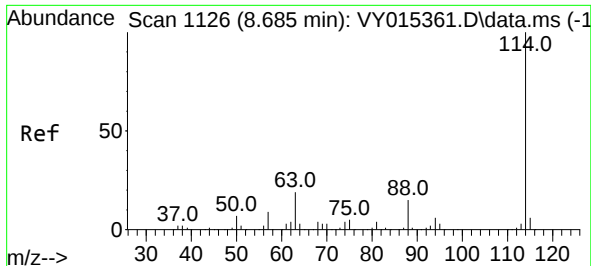
Tgt Ion:168 Resp: 94451
Ion Ratio Lower Upper
168 100
99 52.3 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 47.522 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY015578.D
Acq: 15 Sep 2023 18:36

Tgt Ion: 65 Resp: 48116
Ion Ratio Lower Upper
65 100
67 53.1 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY015578.D

Acq: 15 Sep 2023 18:36

Instrument :

MSVOA_Y

ClientSampleId :

WC-1

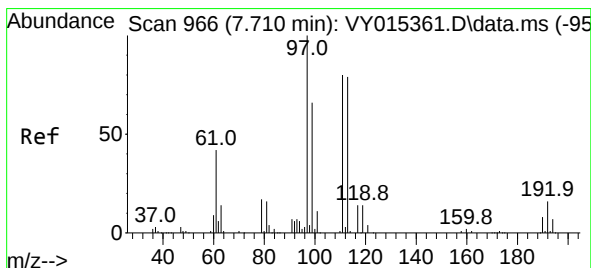
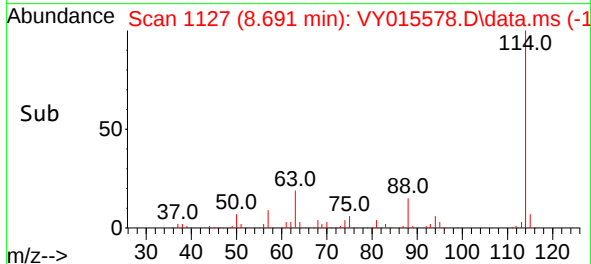
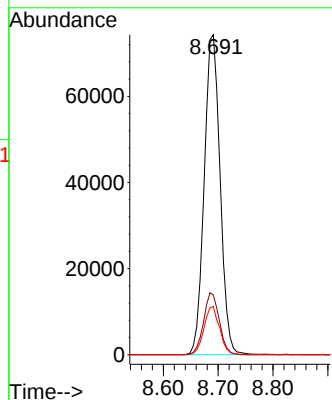
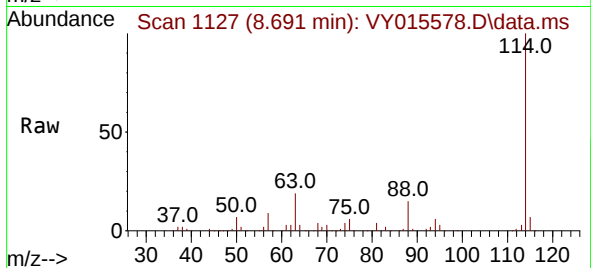
Tgt Ion:114 Resp: 149485

Ion Ratio Lower Upper

114 100

63 18.7 0.0 42.4

88 15.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.521 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY015578.D

Acq: 15 Sep 2023 18:36

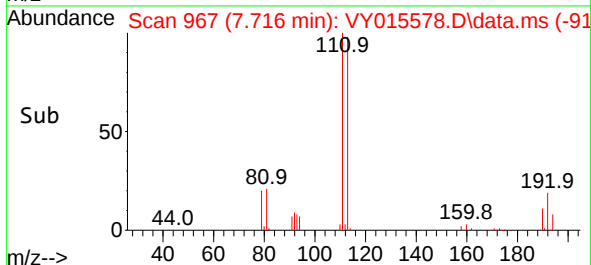
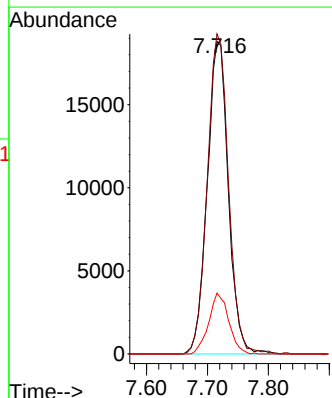
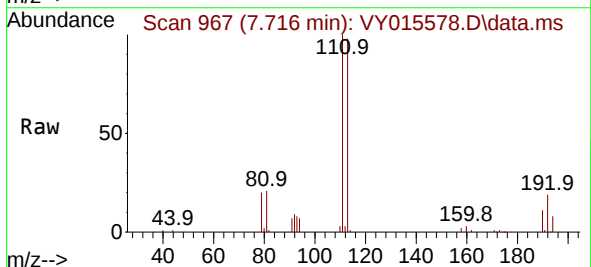
Tgt Ion:113 Resp: 45221

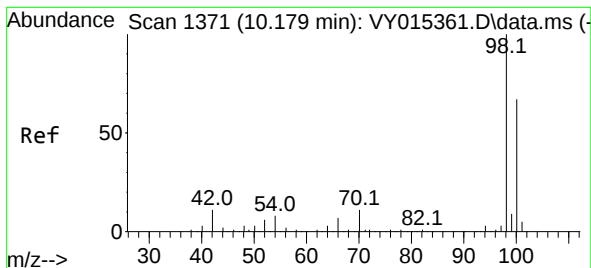
Ion Ratio Lower Upper

113 100

111 102.8 81.3 121.9

192 18.5 16.9 25.3





#50

Toluene-d8

Concen: 54.421 ug/l

RT: 10.179 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY015578.D

Acq: 15 Sep 2023 18:36

Instrument :

MSVOA_Y

ClientSampleId :

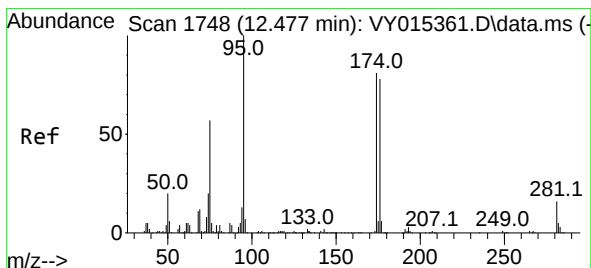
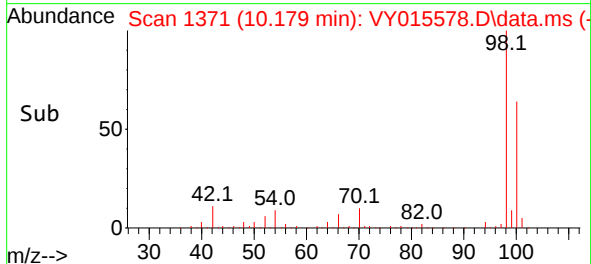
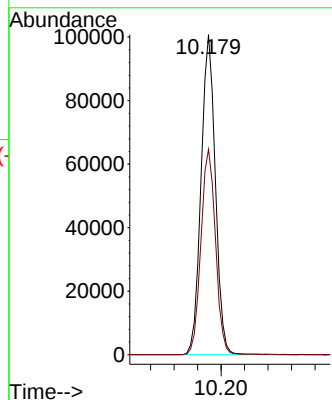
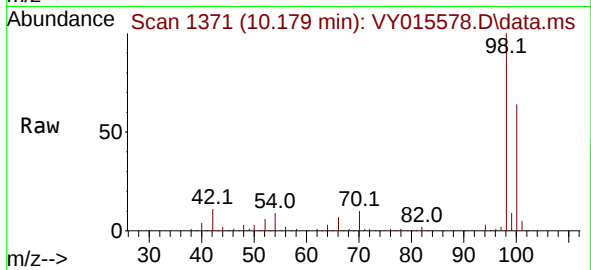
WC-1

Tgt Ion: 98 Resp: 169684

Ion Ratio Lower Upper

98 100

100 65.4 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 39.021 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.000 min

Lab File: VY015578.D

Acq: 15 Sep 2023 18:36

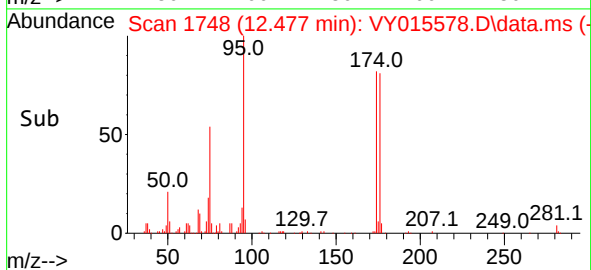
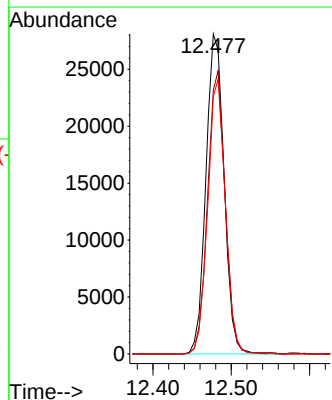
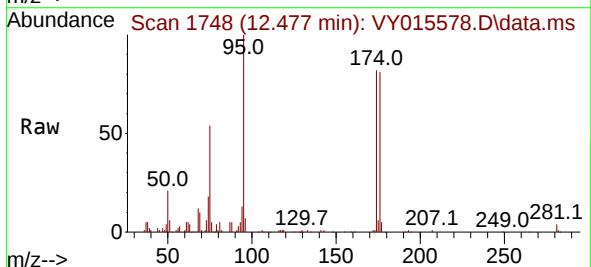
Tgt Ion: 95 Resp: 45167

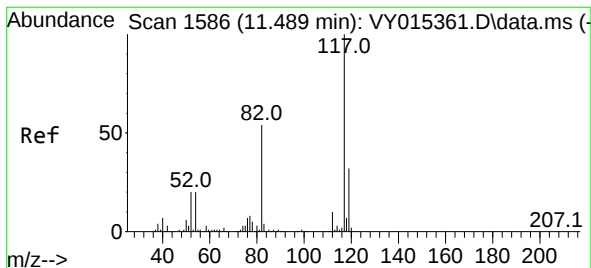
Ion Ratio Lower Upper

95 100

174 85.8 0.0 178.2

176 83.5 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 117806

Delta R.T. -0.000 min

Lab File: VY015578.D

Acq: 15 Sep 2023 18:36

Instrument :

MSVOA_Y

ClientSampleId :

WC-1

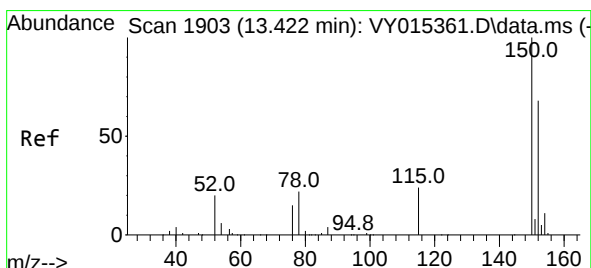
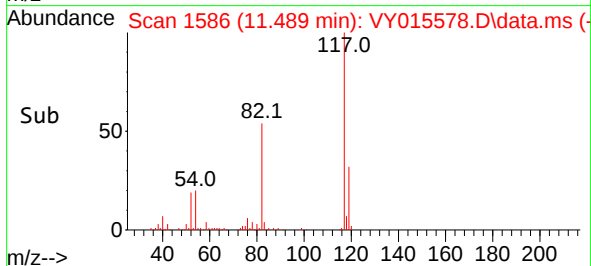
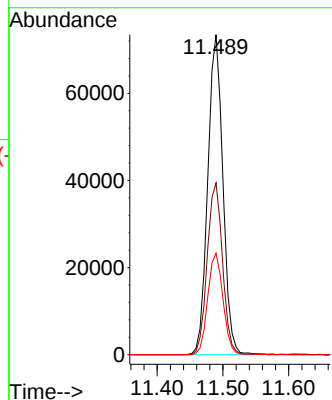
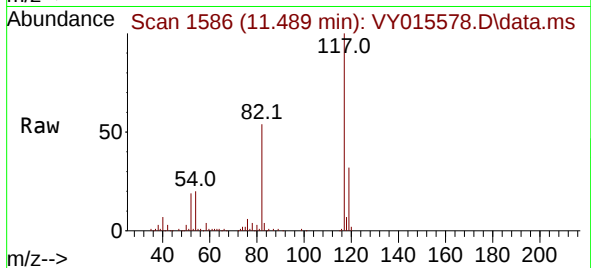
Tgt Ion:117 Resp: 117806

Ion Ratio Lower Upper

117 100

82 53.7 43.4 65.0

119 31.7 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: VY015578.D

Acq: 15 Sep 2023 18:36

Tgt Ion:152 Resp: 46828

Ion Ratio Lower Upper

152 100

115 58.4 28.8 86.5

150 157.2 0.0 348.8

