

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060723\
 Data File : VY014054.D
 Acq On : 07 Jun 2023 12:58
 Operator : KP/MD
 Sample : 03029-10
 Misc : 5.27g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-9

Quant Time: Jun 08 02:32:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 07:00:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	161028	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	277667	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	287759	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	135260	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	116230	54.526	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.060%
35) Dibromofluoromethane	7.722	113	95769	54.272	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.540%
50) Toluene-d8	10.179	98	344804	51.227	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.460%
62) 4-Bromofluorobenzene	12.483	95	117649	51.270	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	102.540%

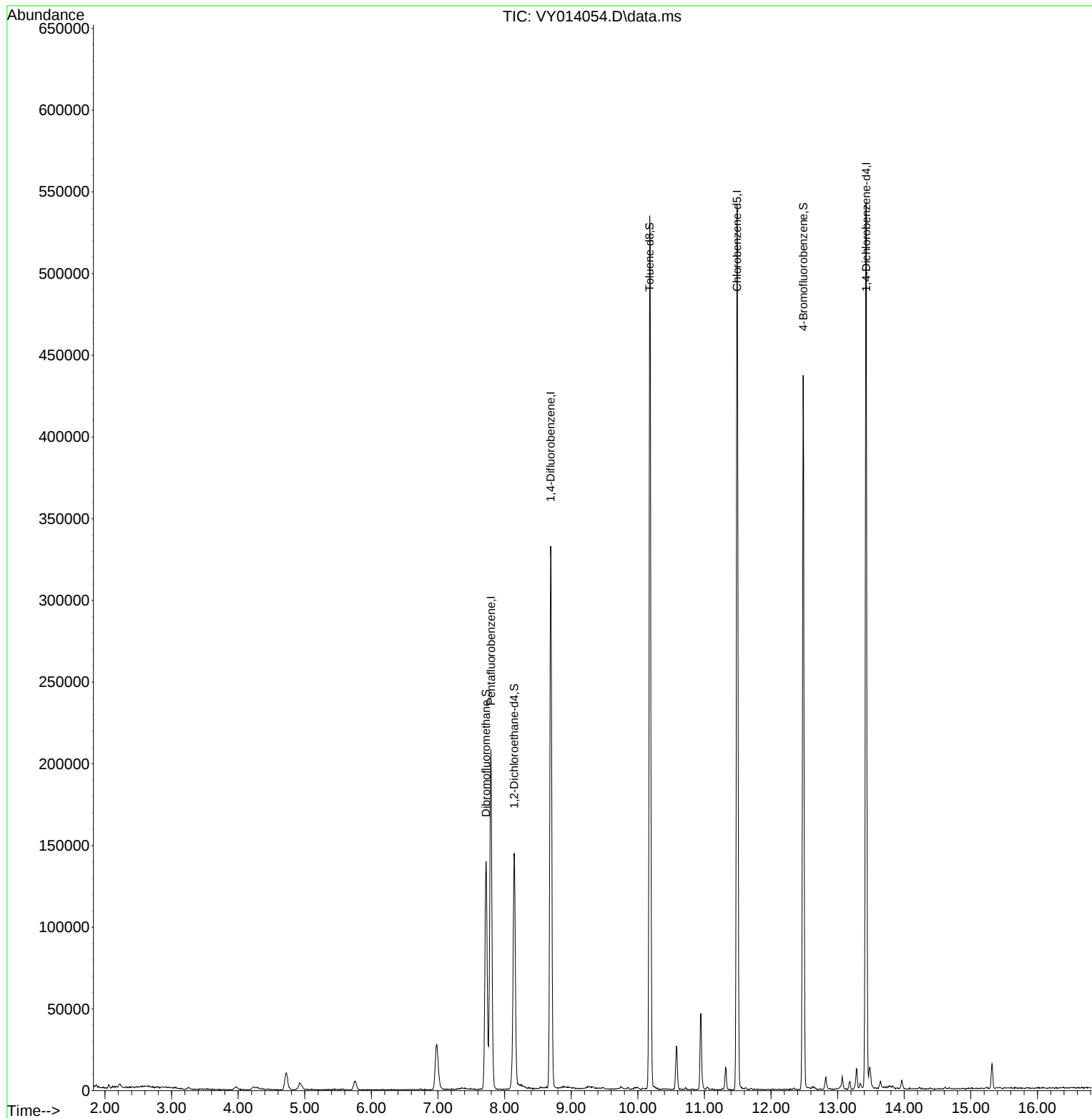
Target Compounds	Qvalue

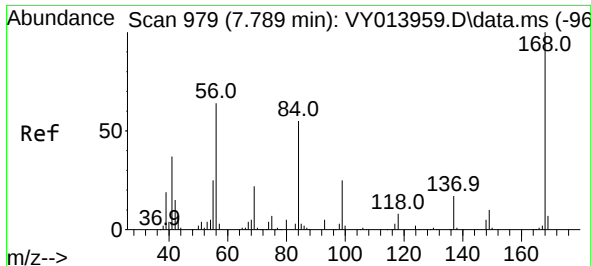
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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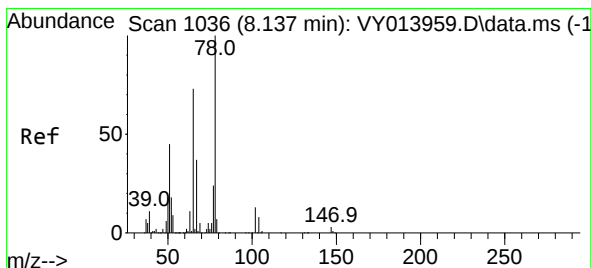
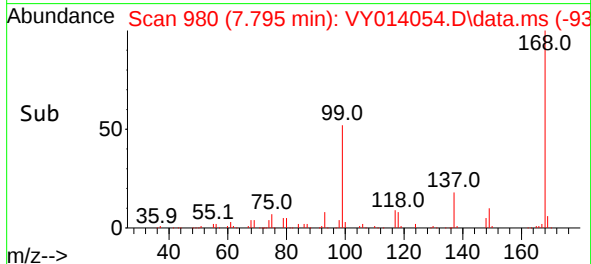
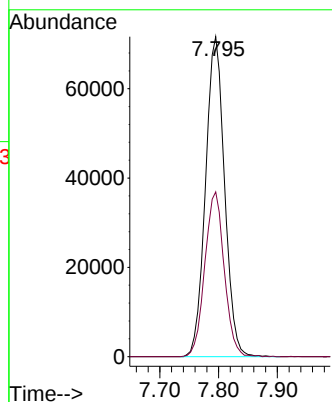
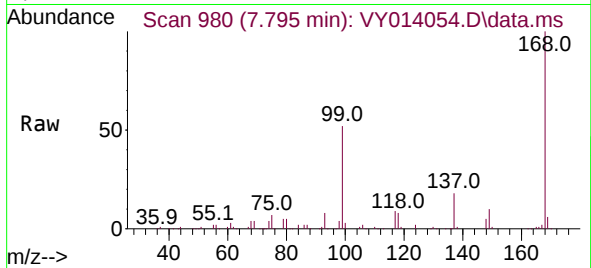




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014054.D
Acq: 07 Jun 2023 12:58

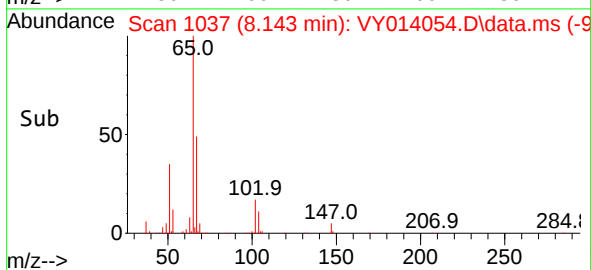
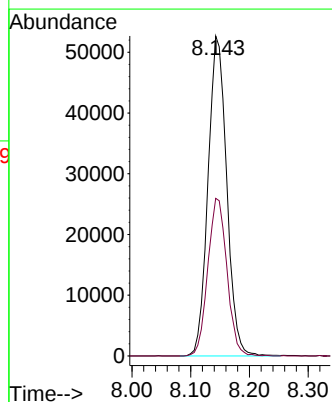
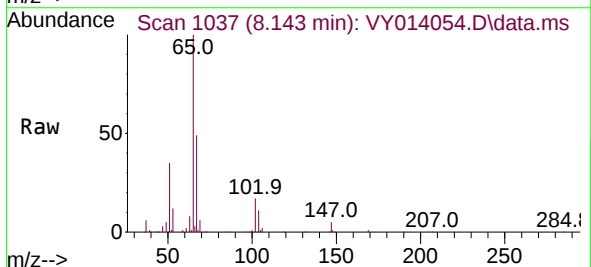
Instrument :
MSVOA_Y
ClientSampleId :
TP-9

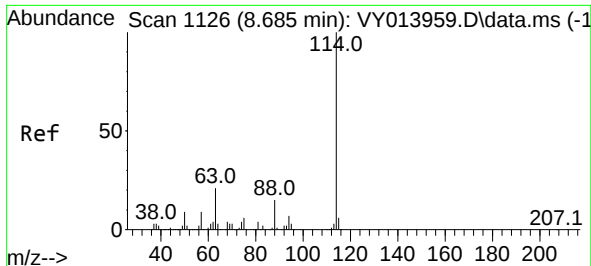
Tgt Ion:168 Resp: 161028
Ion Ratio Lower Upper
168 100
99 51.5 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 54.526 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY014054.D
Acq: 07 Jun 2023 12:58

Tgt Ion: 65 Resp: 116230
Ion Ratio Lower Upper
65 100
67 50.4 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY014054.D

Acq: 07 Jun 2023 12:58

Instrument :

MSVOA_Y

ClientSampleId :

TP-9

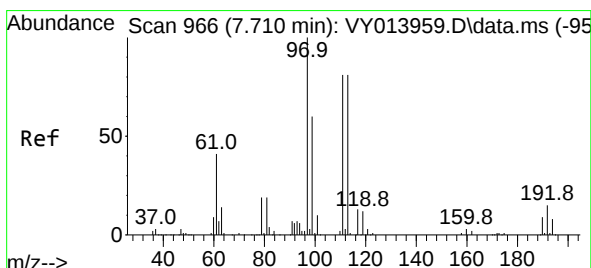
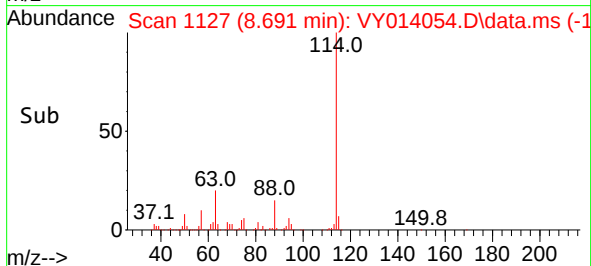
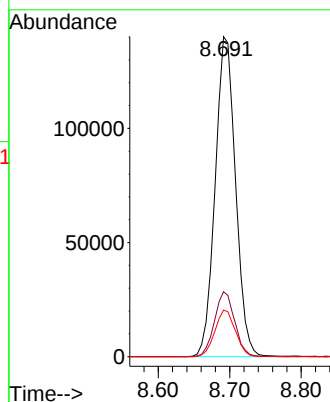
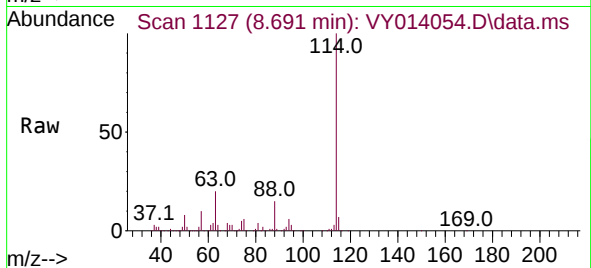
Tgt Ion:114 Resp: 277667

Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.4

88 14.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.272 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.012 min

Lab File: VY014054.D

Acq: 07 Jun 2023 12:58

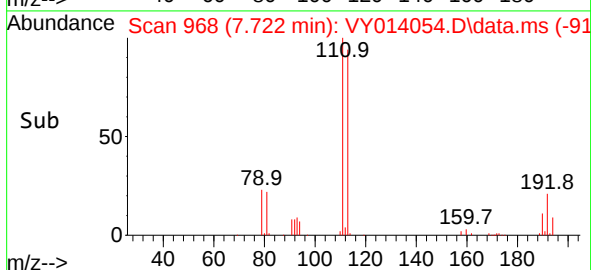
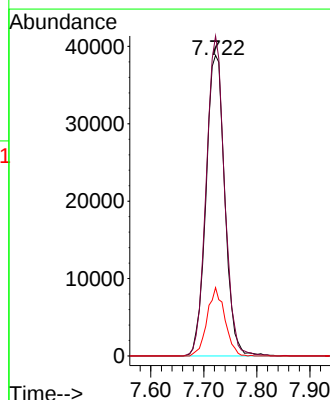
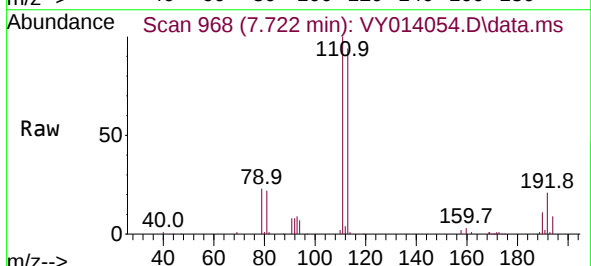
Tgt Ion:113 Resp: 95769

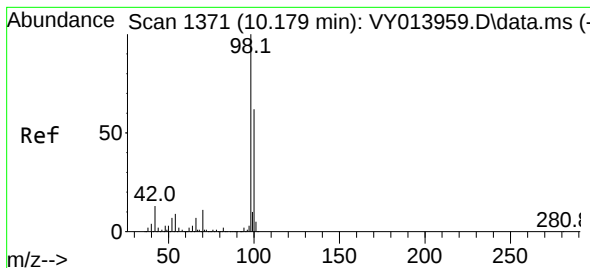
Ion Ratio Lower Upper

113 100

111 102.9 81.3 121.9

192 21.3 16.9 25.3

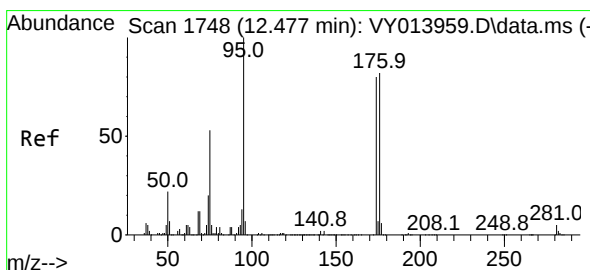
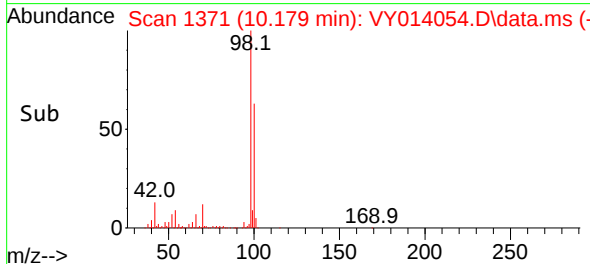
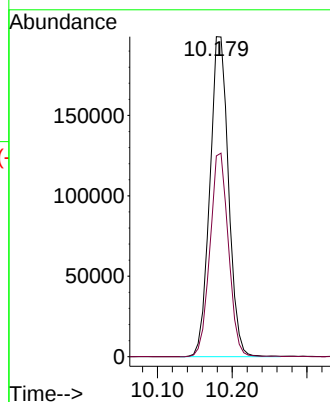
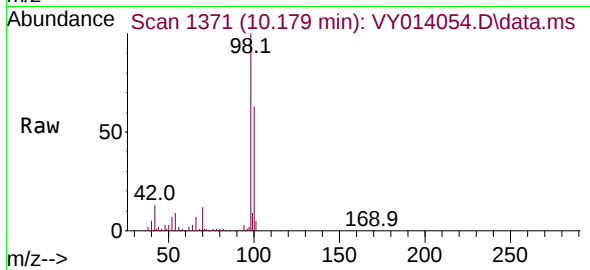




#50
Toluene-d8
Concen: 51.227 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014054.D
Acq: 07 Jun 2023 12:58

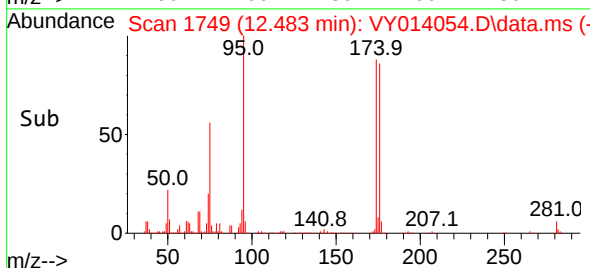
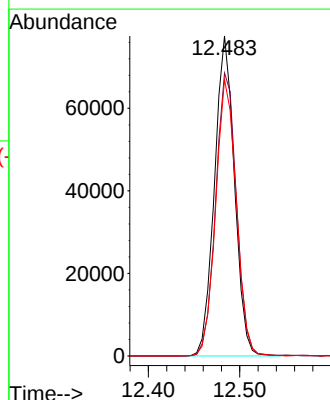
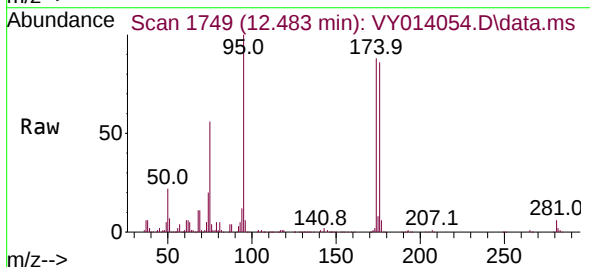
Instrument :
MSVOA_Y
ClientSampleId :
TP-9

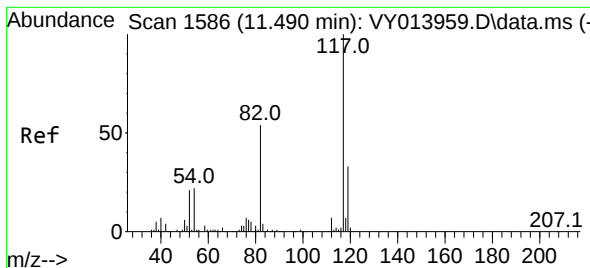
Tgt Ion: 98 Resp: 344804
Ion Ratio Lower Upper
98 100
100 62.9 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 51.270 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY014054.D
Acq: 07 Jun 2023 12:58

Tgt Ion: 95 Resp: 117649
Ion Ratio Lower Upper
95 100
174 92.2 0.0 178.2
176 89.1 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY014054.D

Acq: 07 Jun 2023 12:58

Instrument :

MSVOA_Y

ClientSampleId :

TP-9

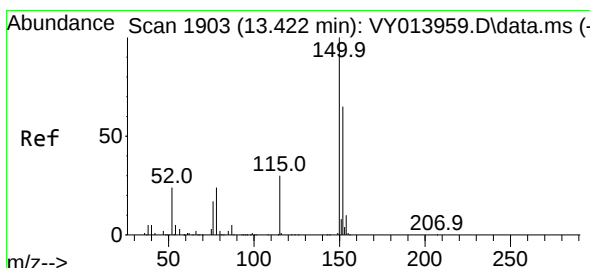
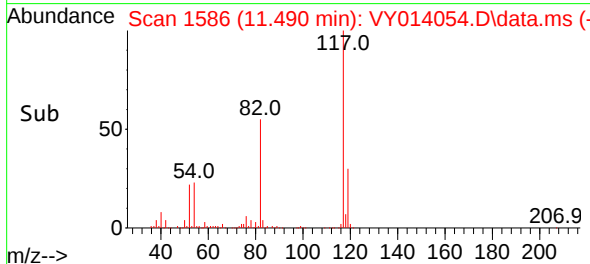
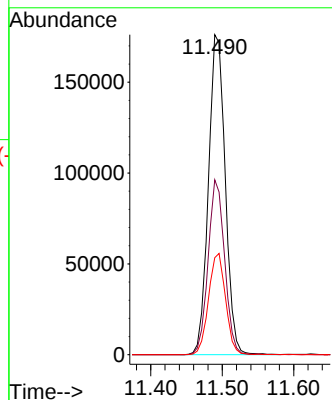
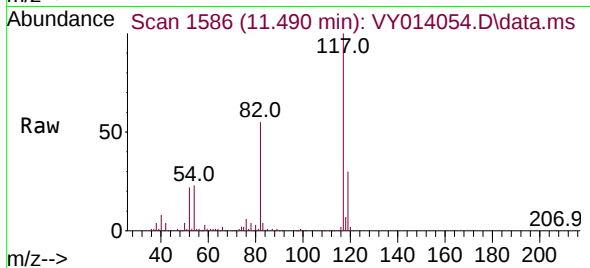
Tgt Ion:117 Resp: 287759

Ion Ratio Lower Upper

117 100

82 54.6 43.4 65.0

119 30.3 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: VY014054.D

Acq: 07 Jun 2023 12:58

Tgt Ion:152 Resp: 135260

Ion Ratio Lower Upper

152 100

115 57.4 28.8 86.5

150 156.0 0.0 348.8

