

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100623\
 Data File : VY015859.D
 Acq On : 06 Oct 2023 14:00
 Operator : SY/MD
 Sample : 04736-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 72-11991

Quant Time: Oct 07 07:26:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100523S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 05:54:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	189928	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	337615	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	312542	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	144253	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	124437	66.594	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	133.180%
35) Dibromofluoromethane	7.716	113	109201	56.745	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.480%
50) Toluene-d8	10.179	98	397229	63.576	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	127.160%
62) 4-Bromofluorobenzene	12.483	95	137025	53.653	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	107.300%

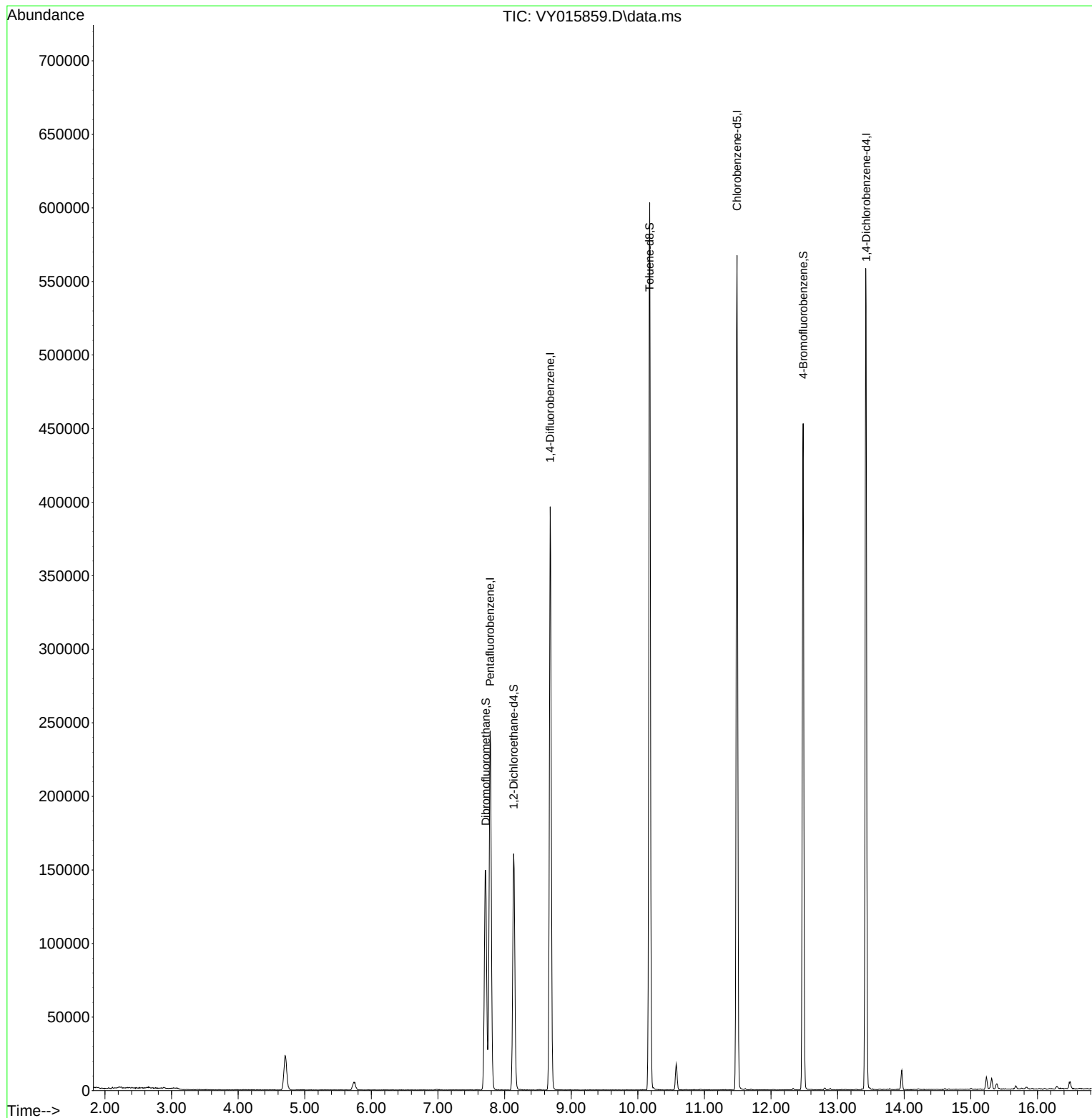
Target Compounds	Qvalue

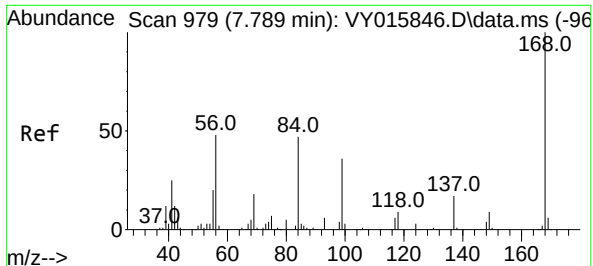
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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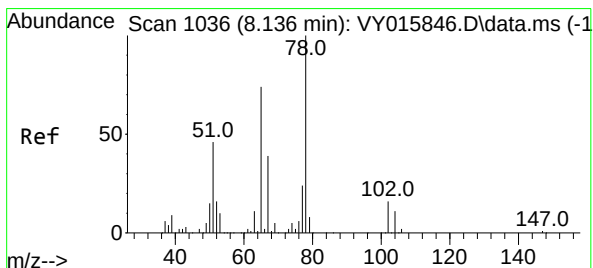
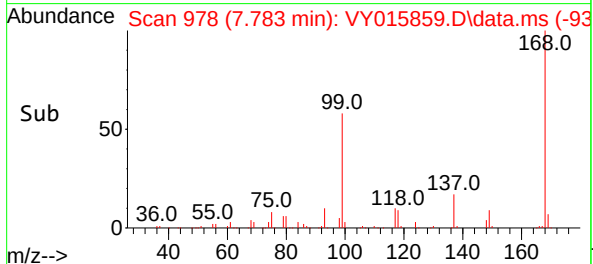
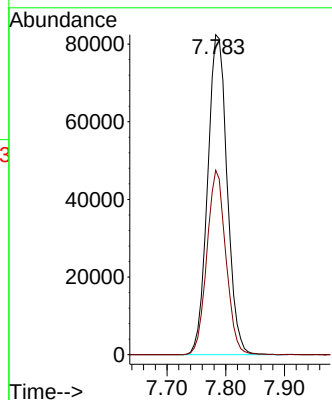
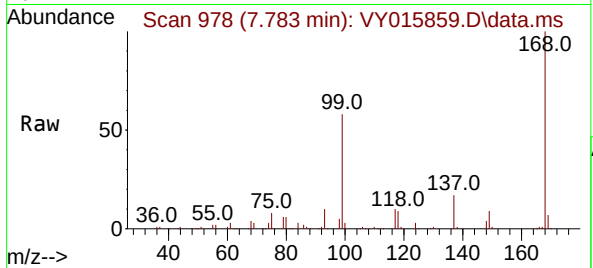




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015859.D
Acq: 06 Oct 2023 14:00

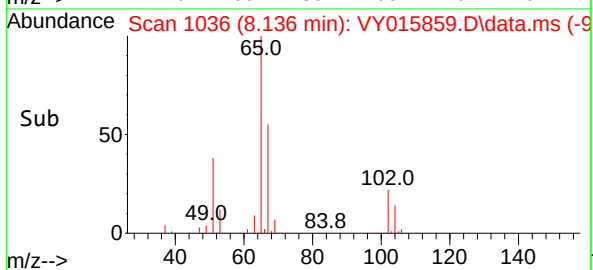
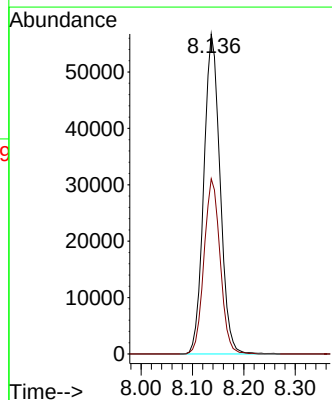
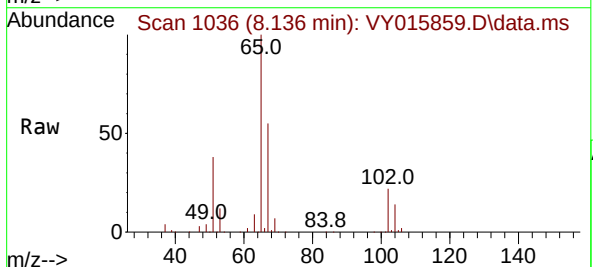
Instrument :
MSVOA_Y
ClientSampleId :
72-11991

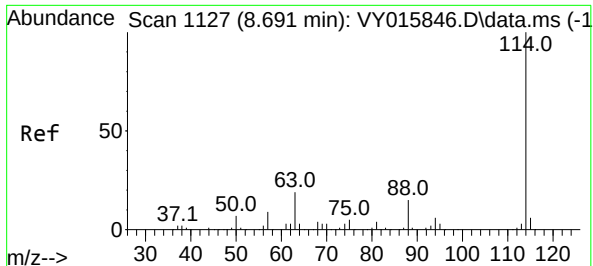
Tgt Ion:168 Resp: 189928
Ion Ratio Lower Upper
168 100
99 57.7 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 66.594 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015859.D
Acq: 06 Oct 2023 14:00

Tgt Ion: 65 Resp: 124437
Ion Ratio Lower Upper
65 100
67 54.2 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY015859.D

Acq: 06 Oct 2023 14:00

Instrument :

MSVOA_Y

ClientSampleId :

72-11991

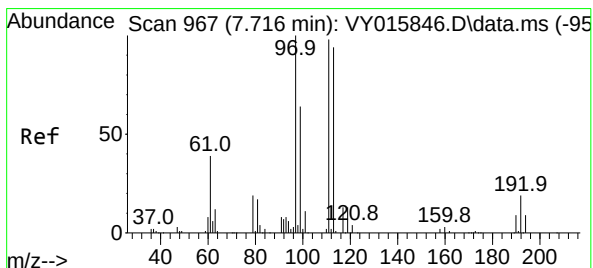
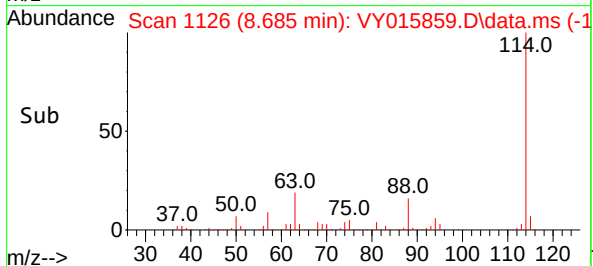
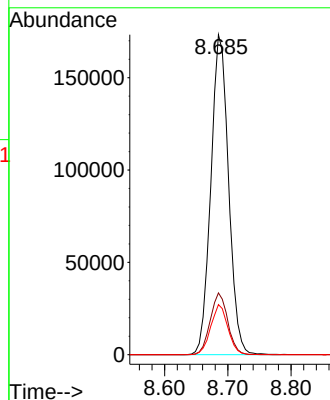
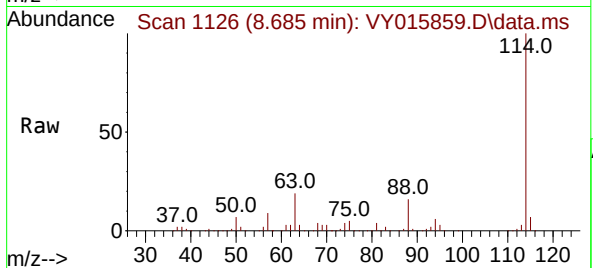
Tgt Ion:114 Resp: 337615

Ion Ratio Lower Upper

114 100

63 19.3 0.0 42.4

88 15.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 56.745 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY015859.D

Acq: 06 Oct 2023 14:00

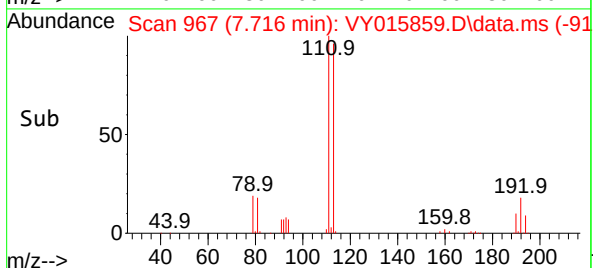
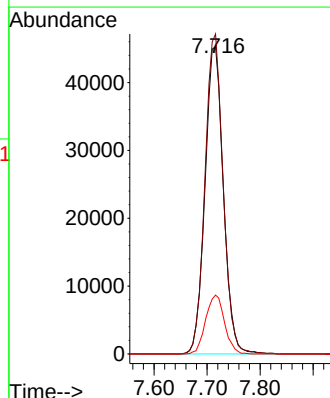
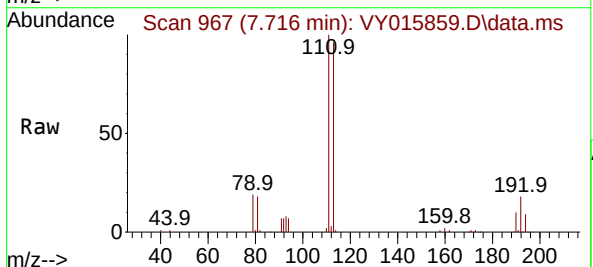
Tgt Ion:113 Resp: 109201

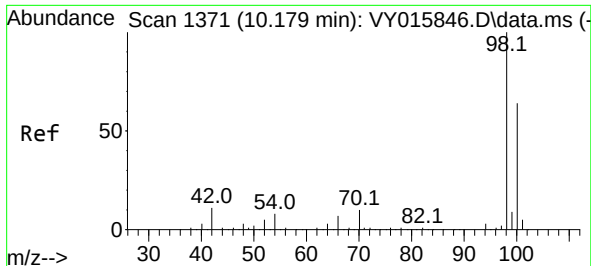
Ion Ratio Lower Upper

113 100

111 102.8 81.3 121.9

192 19.6 16.9 25.3

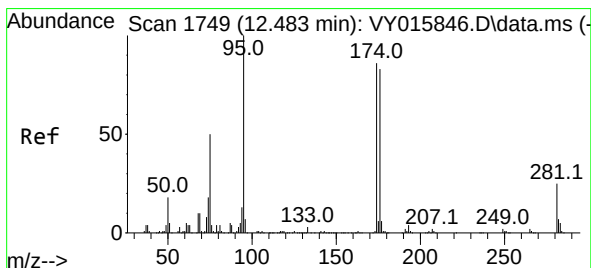
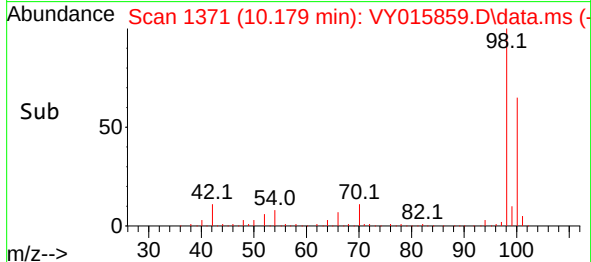
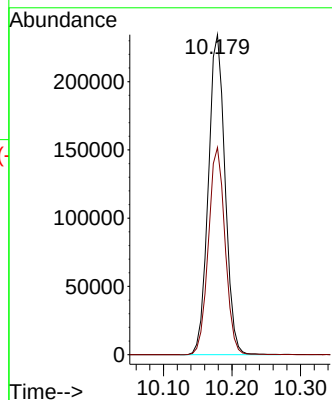
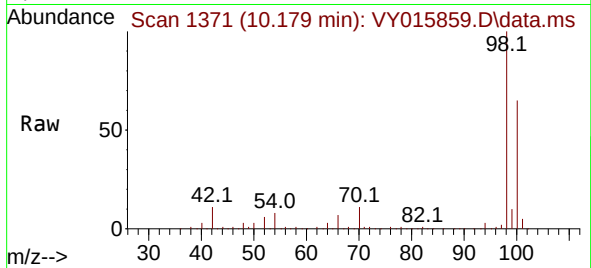




#50
Toluene-d8
Concen: 63.576 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015859.D
Acq: 06 Oct 2023 14:00

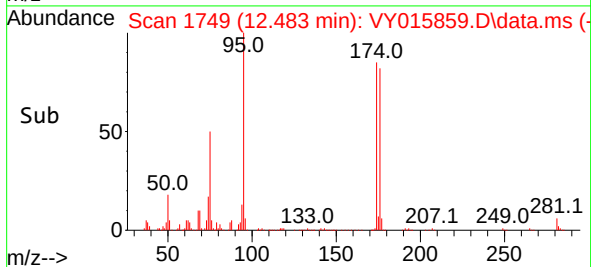
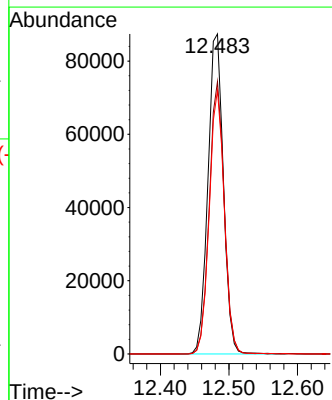
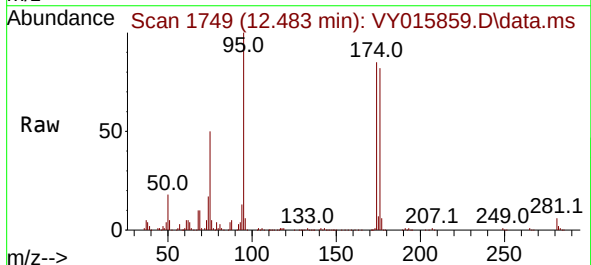
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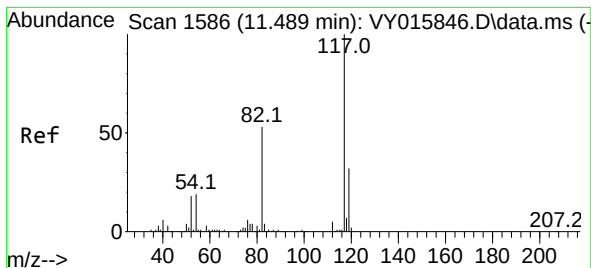
Tgt Ion: 98 Resp: 397229
Ion Ratio Lower Upper
98 100
100 64.5 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 53.653 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY015859.D
Acq: 06 Oct 2023 14:00

Tgt Ion: 95 Resp: 137025
Ion Ratio Lower Upper
95 100
174 83.1 0.0 178.2
176 80.3 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: VY015859.D

Acq: 06 Oct 2023 14:00

Instrument :

MSVOA_Y

ClientSampleId :

72-11991

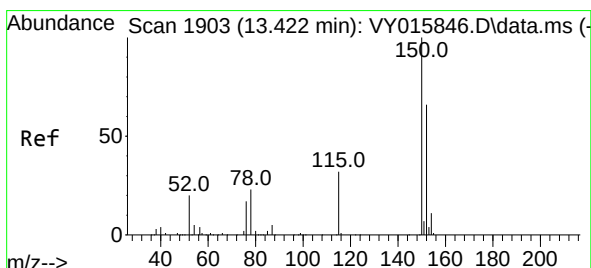
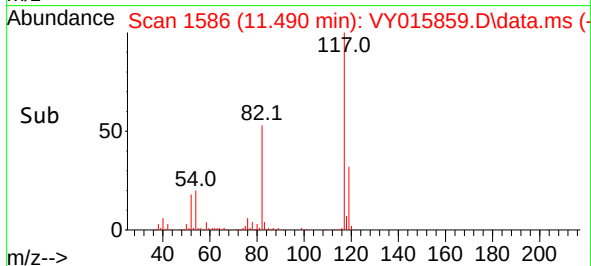
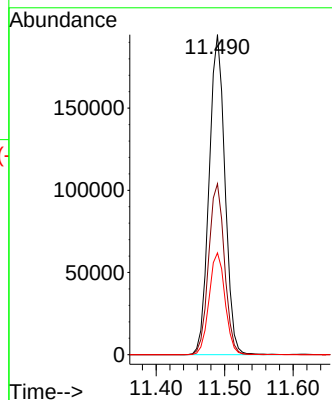
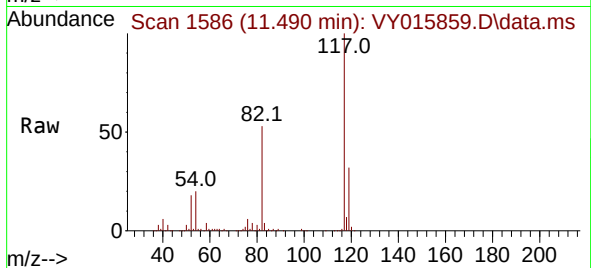
Tgt Ion:117 Resp: 312542

Ion Ratio Lower Upper

117 100

82 53.4 43.4 65.0

119 31.8 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: VY015859.D

Acq: 06 Oct 2023 14:00

Tgt Ion:152 Resp: 144253

Ion Ratio Lower Upper

152 100

115 59.1 28.8 86.5

150 158.4 0.0 348.8

