

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY063023\
 Data File : VY014527.D
 Acq On : 30 Jun 2023 19:51
 Operator : KP/MD
 Sample : 03476-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DOREMUS-COMP-1

Quant Time: Jun 30 23:21:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 30 19:02:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	313637	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	506477	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	501539	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	249277	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	179183	57.430	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.860%
35) Dibromofluoromethane	7.716	113	164054	52.600	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.200%
50) Toluene-d8	10.179	98	604069	48.994	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.980%
62) 4-Bromofluorobenzene	12.477	95	221174	51.661	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	103.320%

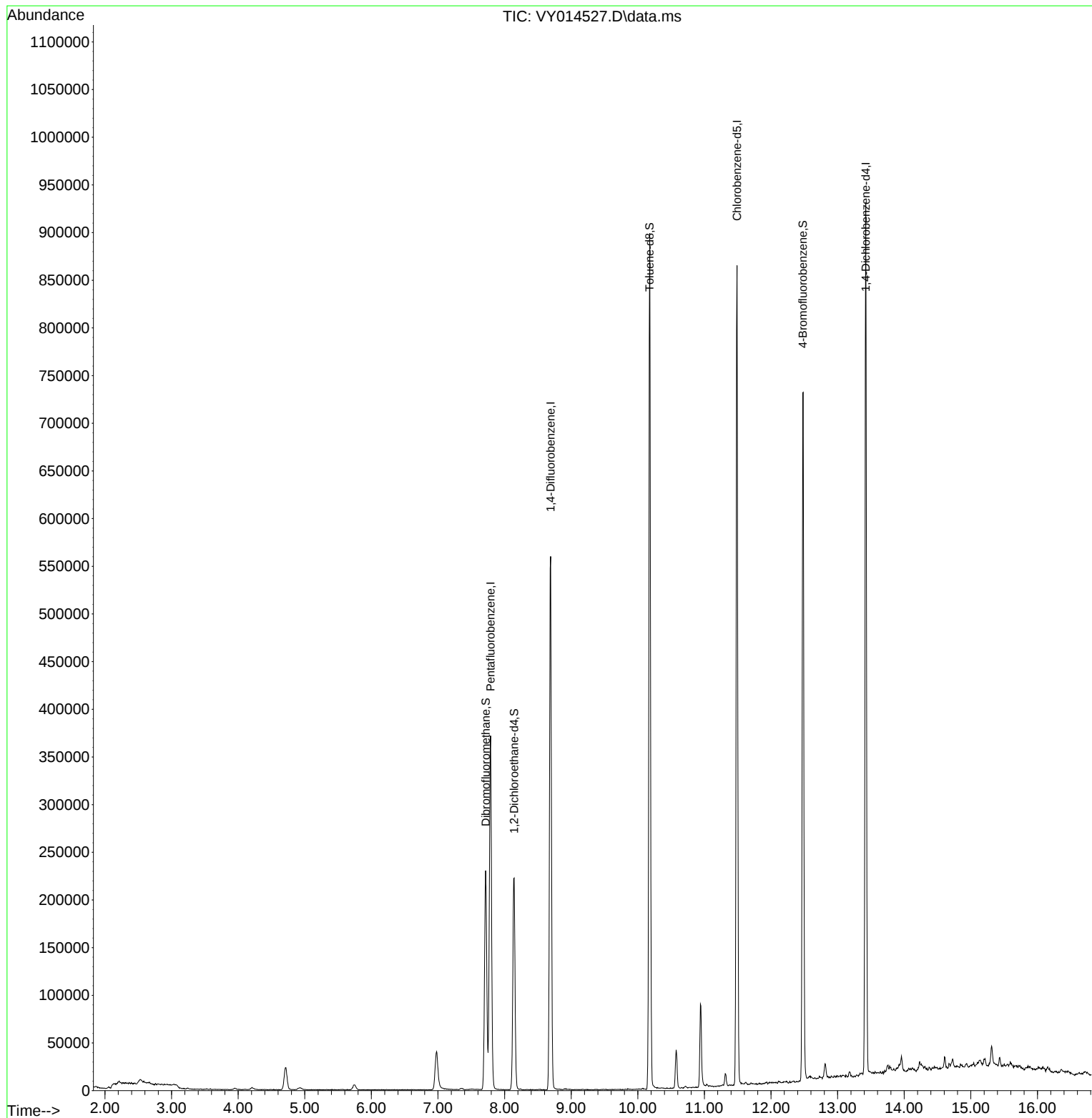
Target Compounds	Qvalue

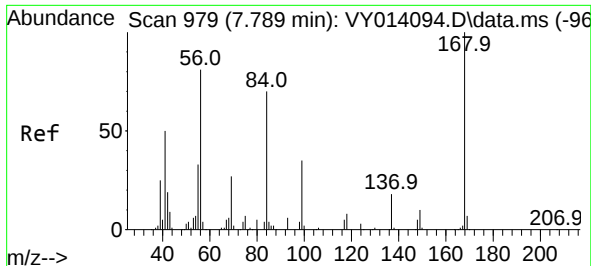
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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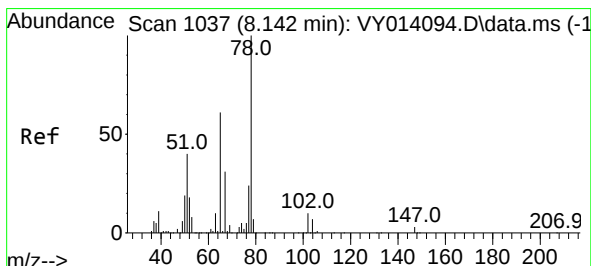
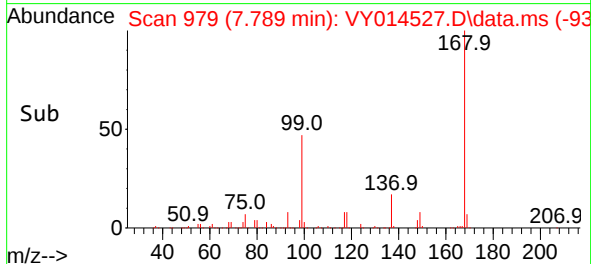
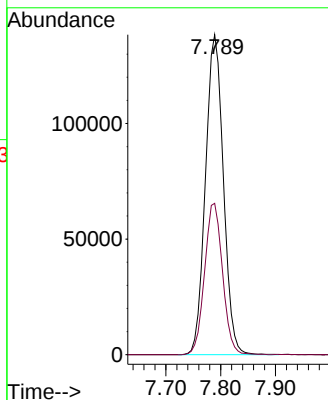
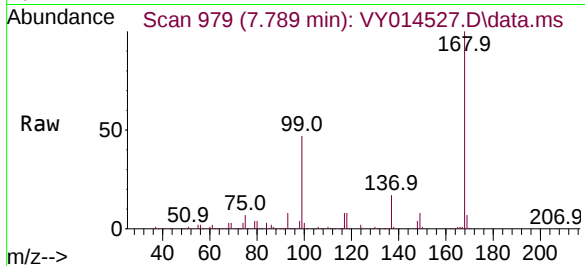




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY014527.D
Acq: 30 Jun 2023 19:51

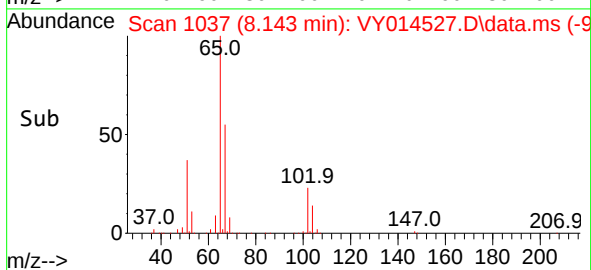
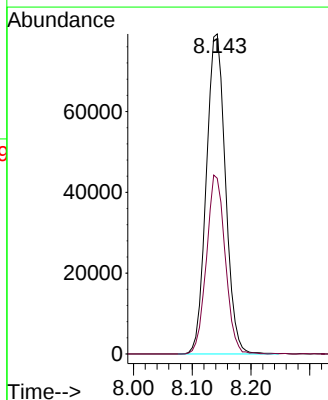
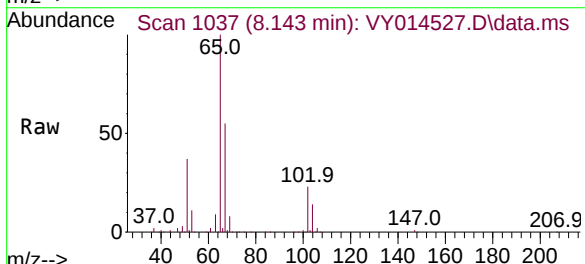
Instrument :
MSVOA_Y
ClientSampleId :
DOREMUS-COMP-1

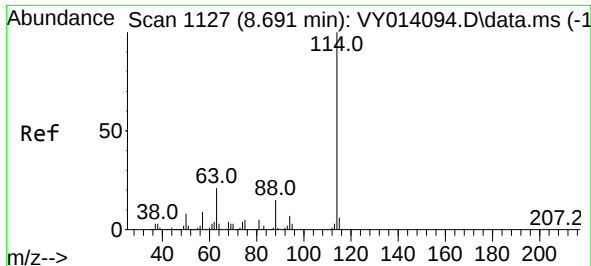
Tgt Ion:168 Resp: 313637
Ion Ratio Lower Upper
168 100
99 47.3 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 57.430 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY014527.D
Acq: 30 Jun 2023 19:51

Tgt Ion: 65 Resp: 179183
Ion Ratio Lower Upper
65 100
67 54.7 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY014527.D

Acq: 30 Jun 2023 19:51

Instrument :

MSVOA_Y

ClientSampleId :

DOREMUS-COMP-1

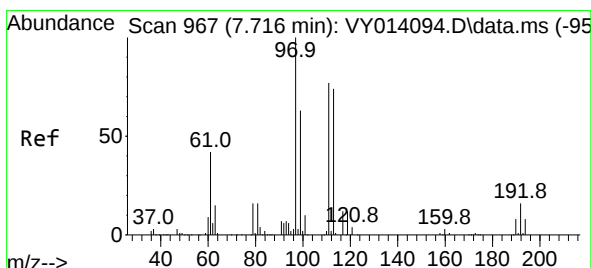
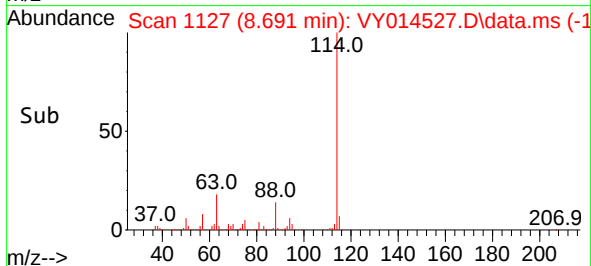
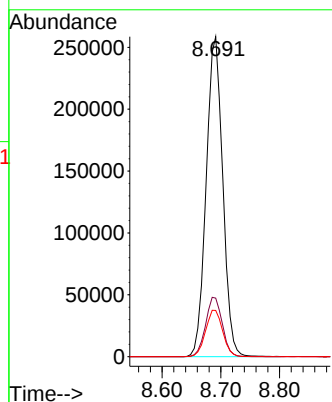
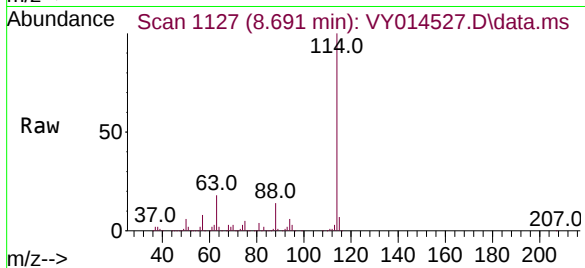
Tgt Ion:114 Resp: 506477

Ion Ratio Lower Upper

114 100

63 18.3 0.0 42.4

88 14.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.600 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY014527.D

Acq: 30 Jun 2023 19:51

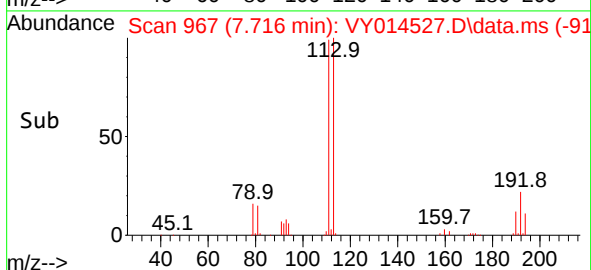
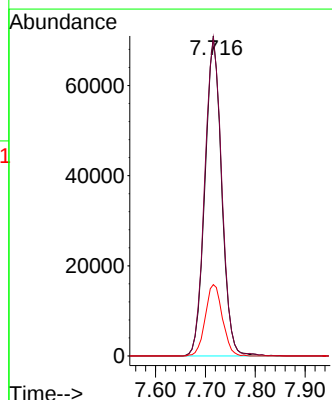
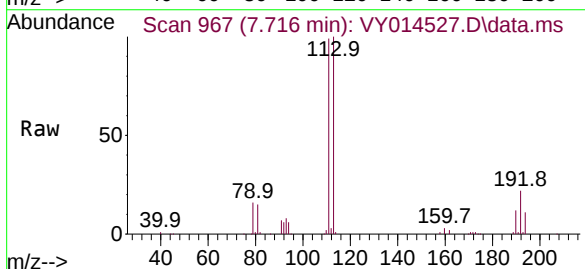
Tgt Ion:113 Resp: 164054

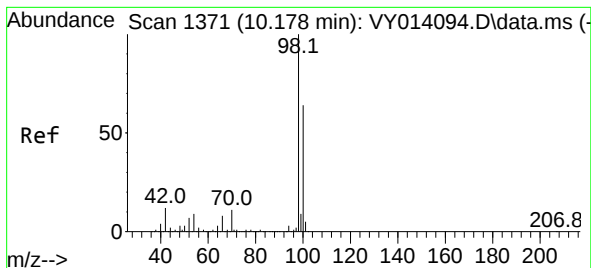
Ion Ratio Lower Upper

113 100

111 102.1 81.3 121.9

192 23.0 16.9 25.3





#50

Toluene-d8

Concen: 48.994 ug/l

RT: 10.179 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY014527.D

Acq: 30 Jun 2023 19:51

Instrument :

MSVOA_Y

ClientSampleId :

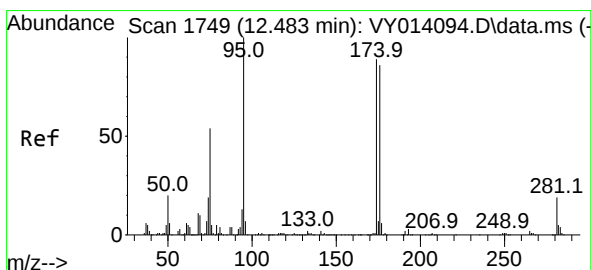
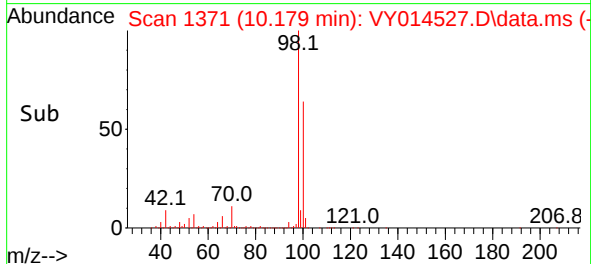
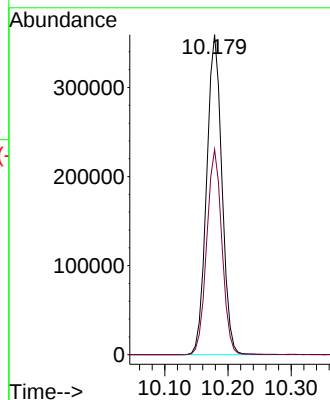
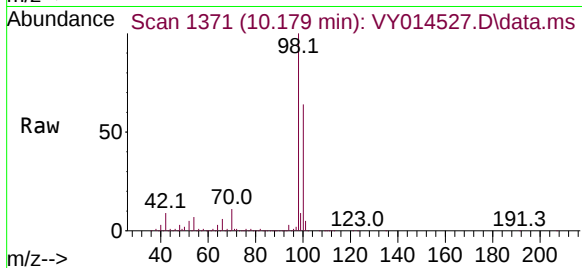
DOREMUS-COMP-1

Tgt Ion: 98 Resp: 604069

Ion Ratio Lower Upper

98 100

100 63.7 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 51.661 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.006 min

Lab File: VY014527.D

Acq: 30 Jun 2023 19:51

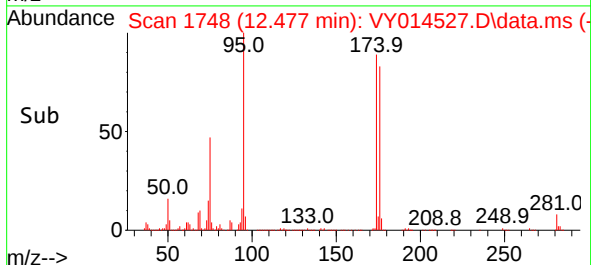
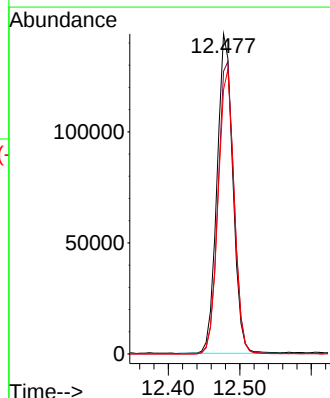
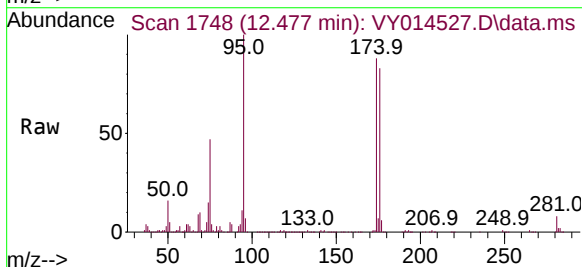
Tgt Ion: 95 Resp: 221174

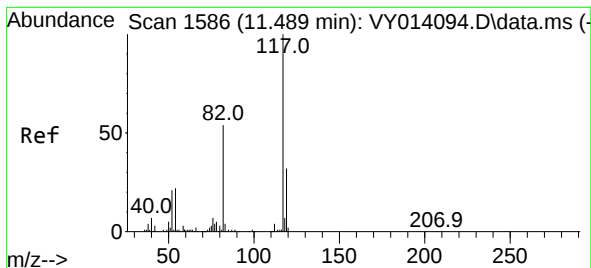
Ion Ratio Lower Upper

95 100

174 93.0 0.0 178.2

176 89.9 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY014527.D

Acq: 30 Jun 2023 19:51

Instrument :

MSVOA_Y

ClientSampleId :

DOREMUS-COMP-1

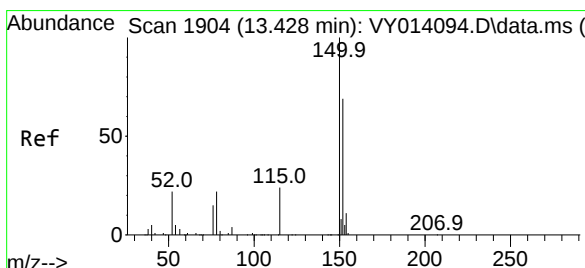
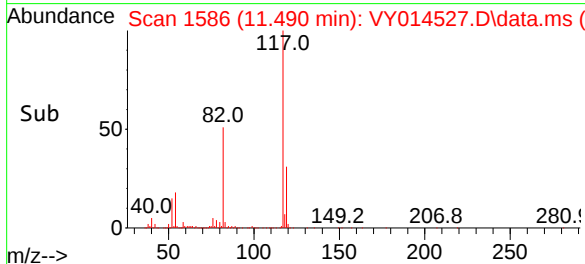
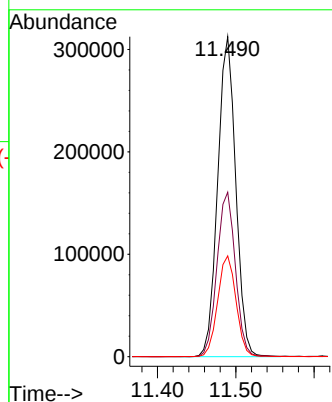
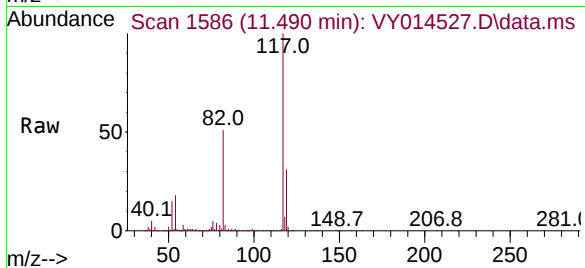
Tgt Ion:117 Resp: 501539

Ion Ratio Lower Upper

117 100

82 51.4 43.4 65.0

119 31.5 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY014527.D

Acq: 30 Jun 2023 19:51

Tgt Ion:152 Resp: 249277

Ion Ratio Lower Upper

152 100

115 54.7 28.8 86.5

150 157.0 0.0 348.8

