

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022323\
 Data File : VY012701.D
 Acq On : 23 Feb 2023 12:20
 Operator : KP/MD
 Sample : 01654-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 UGT

Quant Time: Feb 23 23:53:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 22 01:21:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	116930	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	214886	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	212128	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	94934	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	76006	55.037	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.080%
35) Dibromofluoromethane	7.716	113	72179	49.730	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.460%
50) Toluene-d8	10.179	98	262473	48.270	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.540%
62) 4-Bromofluorobenzene	12.483	95	88735	50.995	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.000%

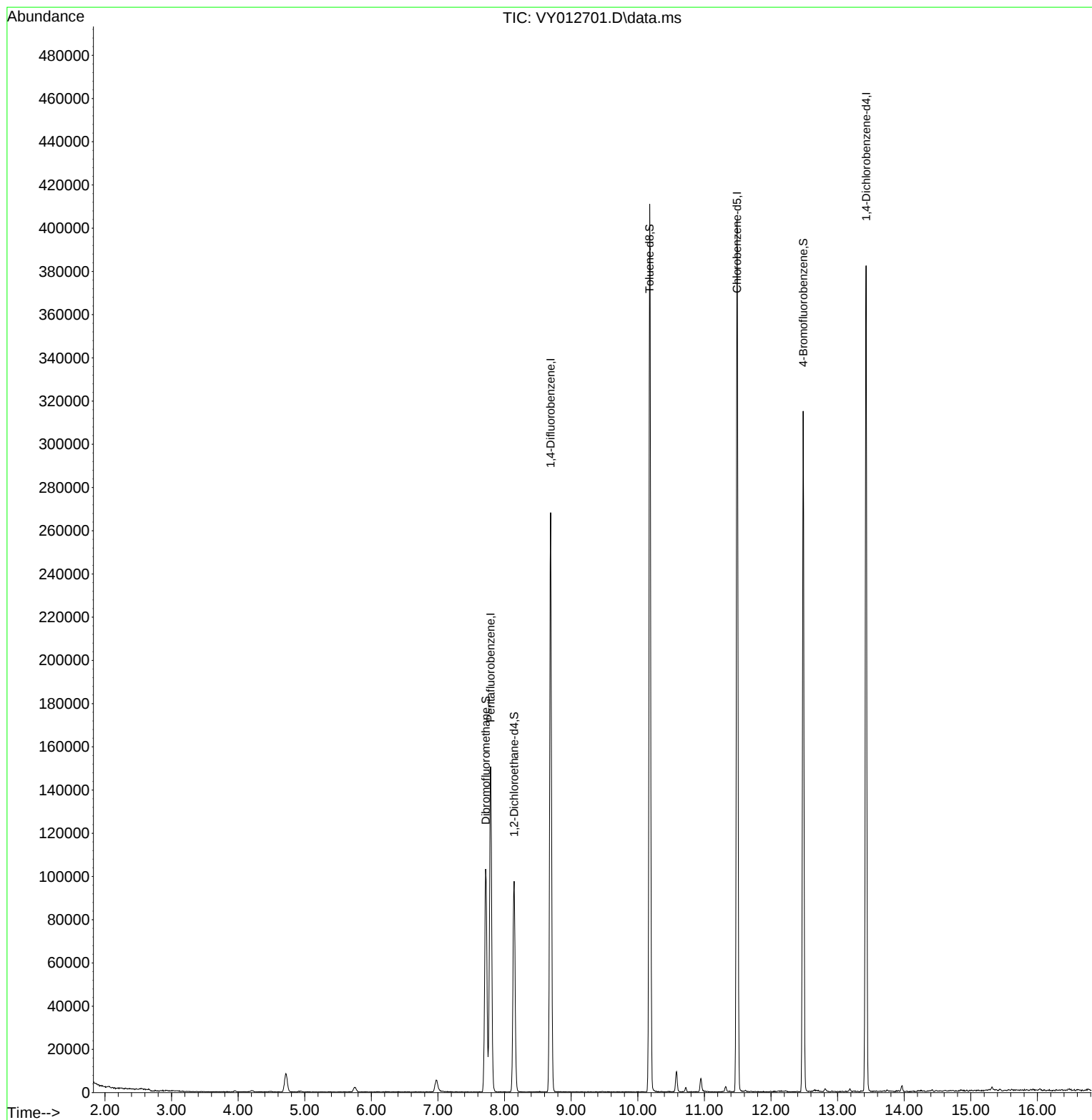
Target Compounds	Qvalue

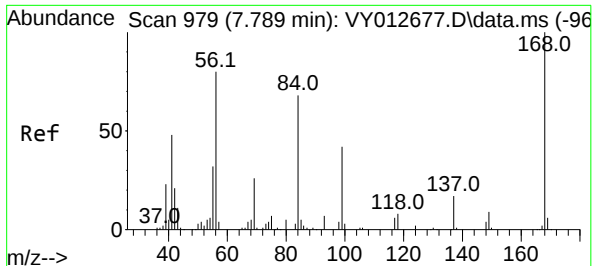
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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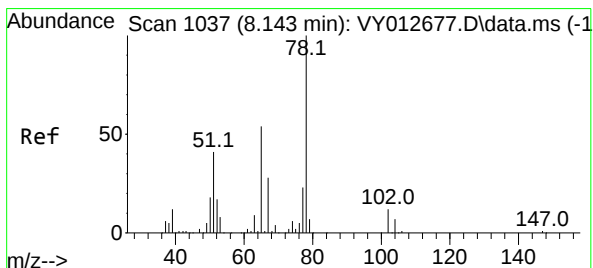
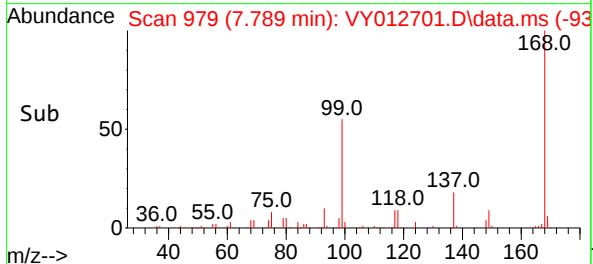
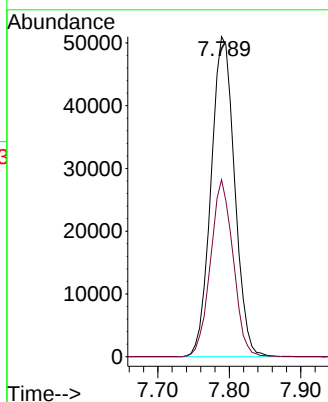
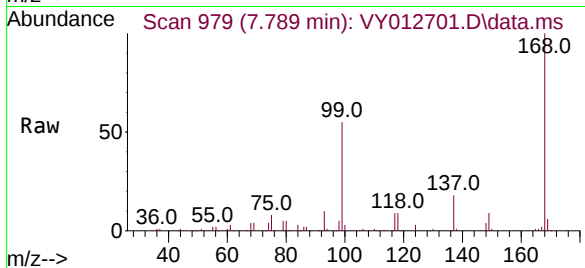




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012701.D
Acq: 23 Feb 2023 12:20

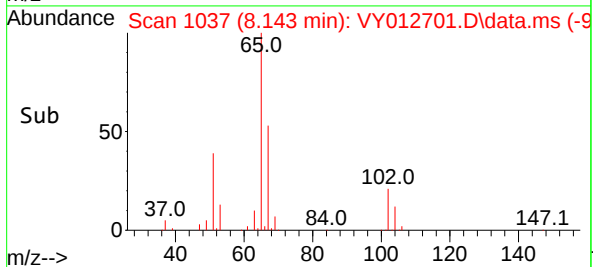
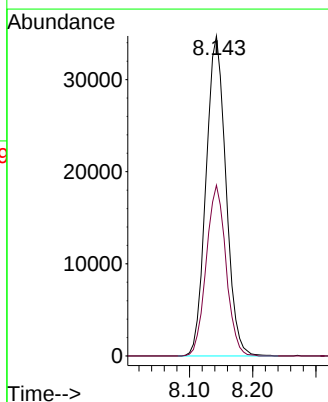
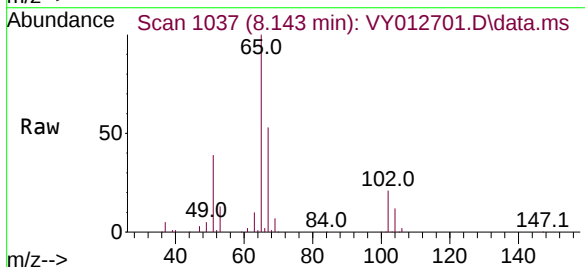
Instrument :
MSVOA_Y
ClientSampleId :
UGT

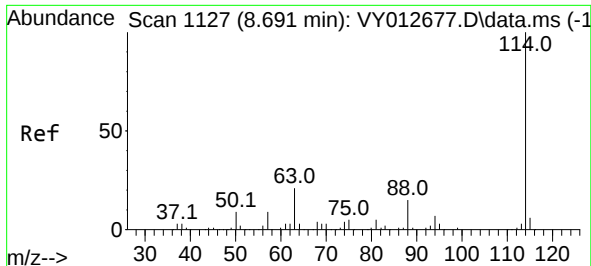
Tgt Ion:168 Resp: 116930
Ion Ratio Lower Upper
168 100
99 55.3 45.4 68.2



#33
1,2-Dichloroethane-d4
Concen: 55.037 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012701.D
Acq: 23 Feb 2023 12:20

Tgt Ion: 65 Resp: 76006
Ion Ratio Lower Upper
65 100
67 53.0 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012701.D

Acq: 23 Feb 2023 12:20

Instrument :

MSVOA_Y

ClientSampleId :

UGT

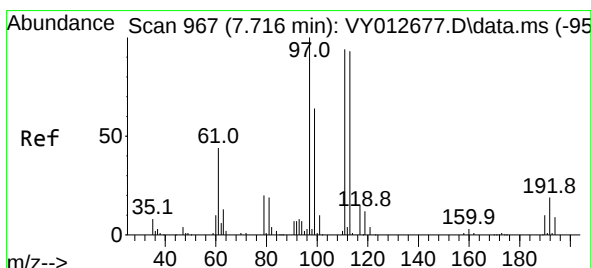
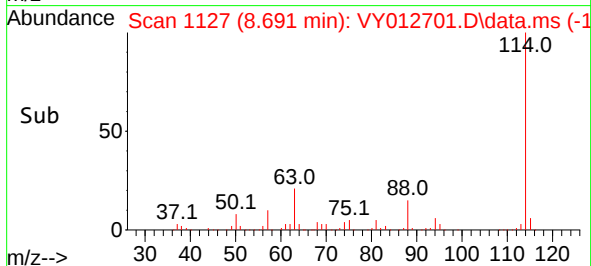
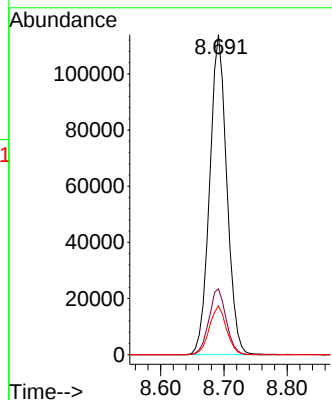
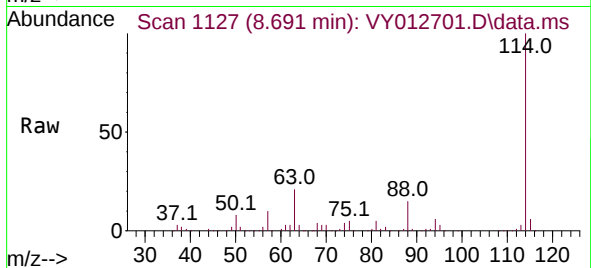
Tgt Ion:114 Resp: 214886

Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.8

88 15.3 0.0 29.6



#35

Dibromofluoromethane

Concen: 49.730 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012701.D

Acq: 23 Feb 2023 12:20

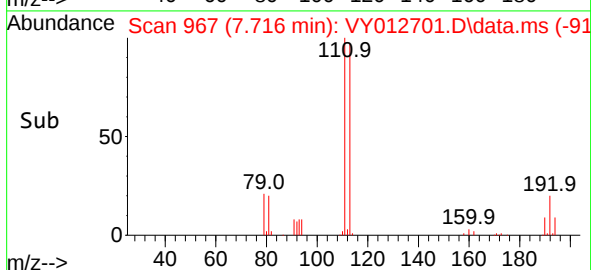
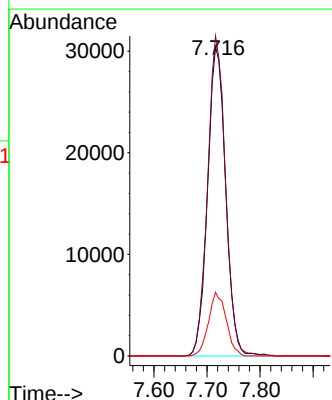
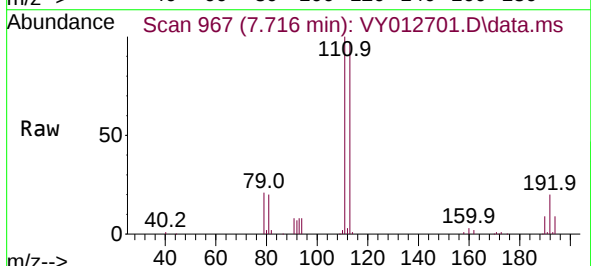
Tgt Ion:113 Resp: 72179

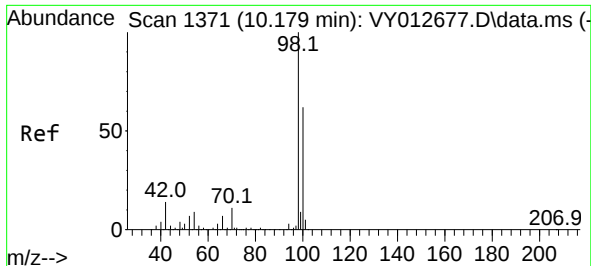
Ion Ratio Lower Upper

113 100

111 102.5 82.0 123.0

192 20.2 16.2 24.2

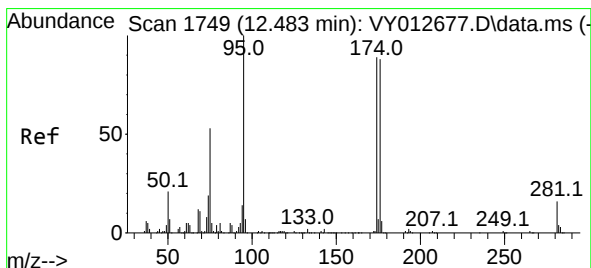
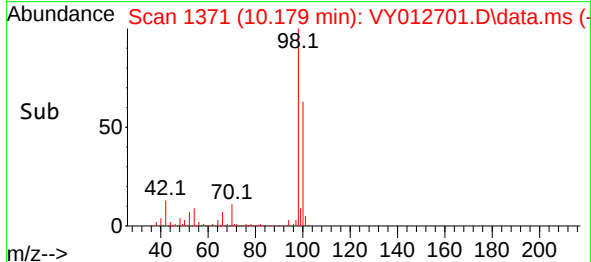
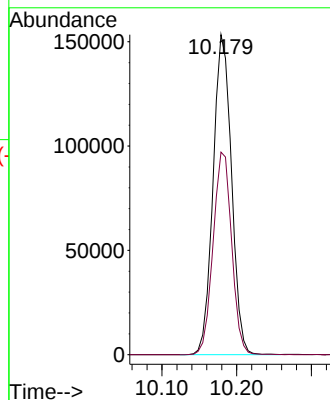
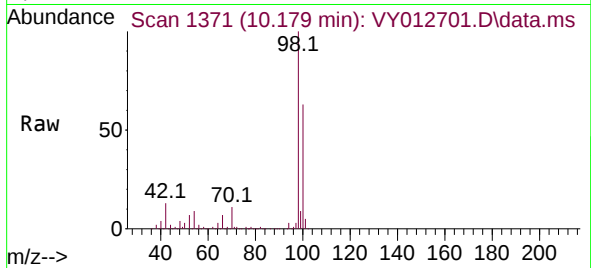




#50
Toluene-d8
Concen: 48.270 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012701.D
Acq: 23 Feb 2023 12:20

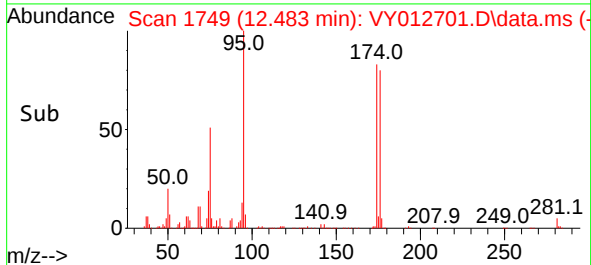
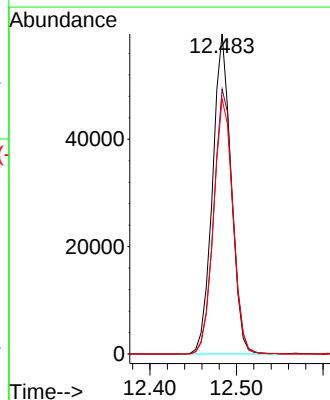
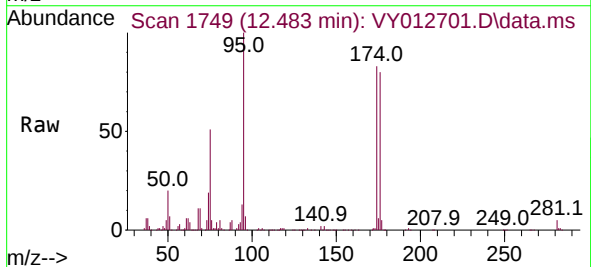
Instrument :
MSVOA_Y
ClientSampleId :
UGT

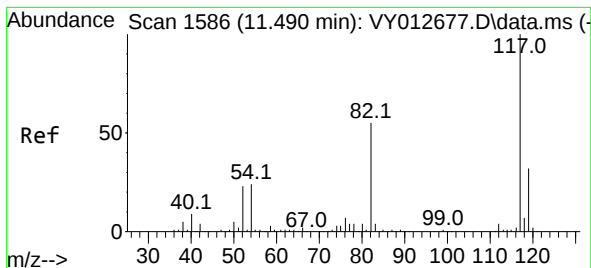
Tgt Ion: 98 Resp: 262473
Ion Ratio Lower Upper
98 100
100 63.9 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 50.995 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012701.D
Acq: 23 Feb 2023 12:20

Tgt Ion: 95 Resp: 88735
Ion Ratio Lower Upper
95 100
174 85.5 0.0 172.8
176 82.6 0.0 169.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012701.D

Acq: 23 Feb 2023 12:20

Instrument :

MSVOA_Y

ClientSampleId :

UGT

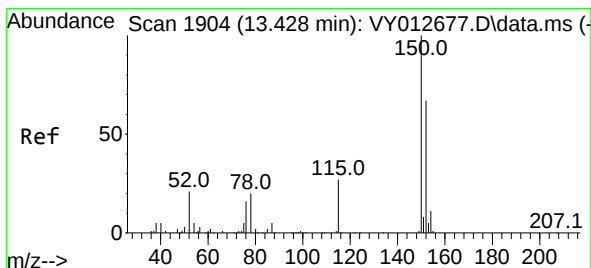
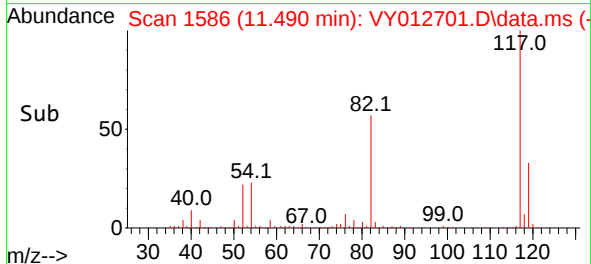
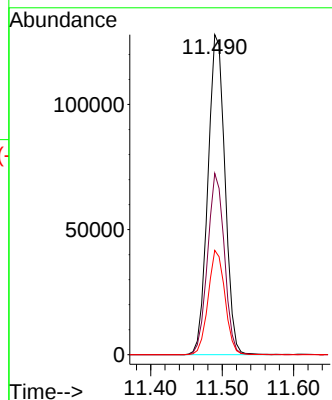
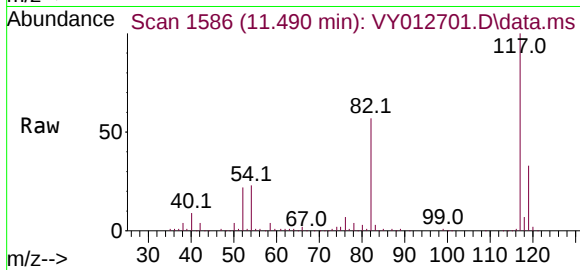
Tgt Ion:117 Resp: 212128

Ion Ratio Lower Upper

117 100

82 56.7 44.1 66.1

119 32.6 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY012701.D

Acq: 23 Feb 2023 12:20

Tgt Ion:152 Resp: 94934

Ion Ratio Lower Upper

152 100

115 56.2 28.7 86.3

150 157.0 0.0 347.6

