

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031423\
 Data File : VY012939.D
 Acq On : 14 Mar 2023 13:50
 Operator : KP/MD
 Sample : 01905-04
 Misc : 5.28g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MAPLE-1

Quant Time: Mar 15 01:42:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	78211	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	128885	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	119274	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	55189	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	51596	66.444	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	132.880%
35) Dibromofluoromethane	7.716	113	44871	57.688	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	115.380%
50) Toluene-d8	10.179	98	156276	54.958	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.920%
62) 4-Bromofluorobenzene	12.483	95	46825	48.788	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.580%

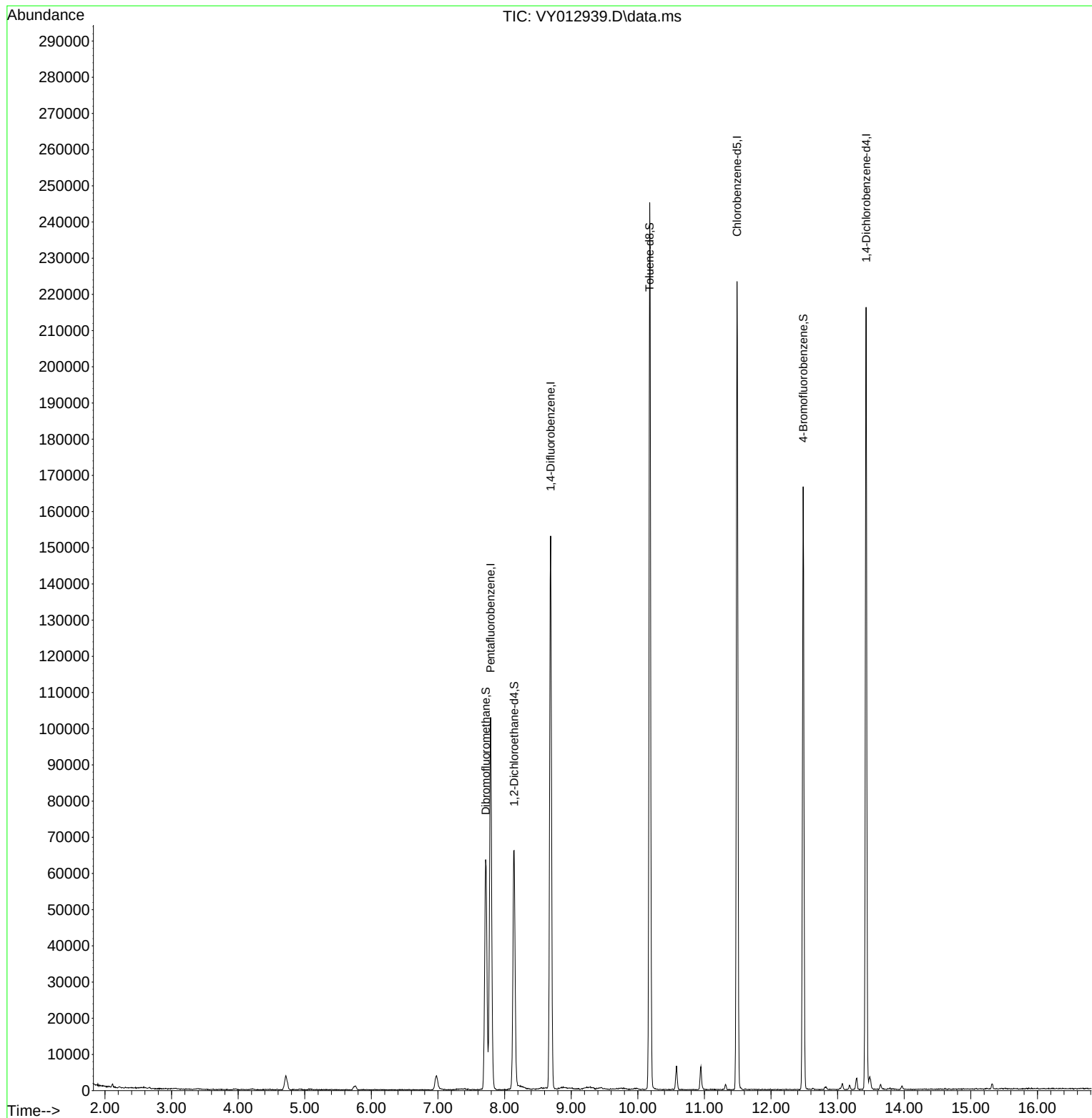
Target Compounds	Qvalue

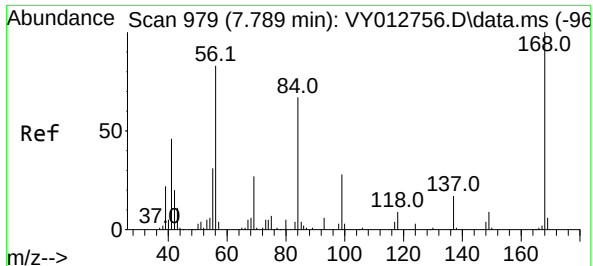
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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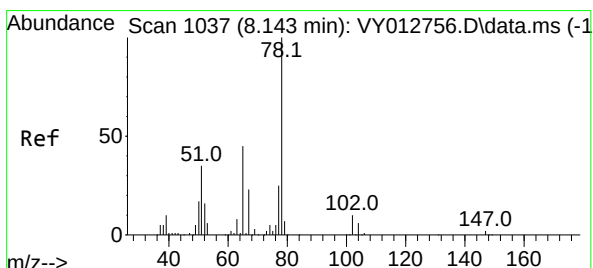
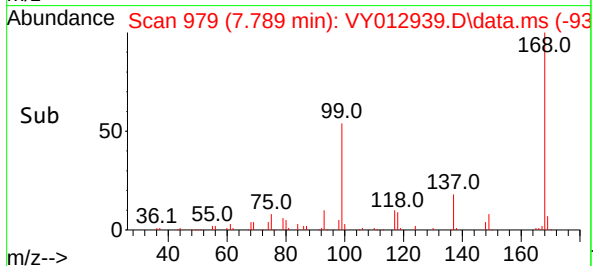
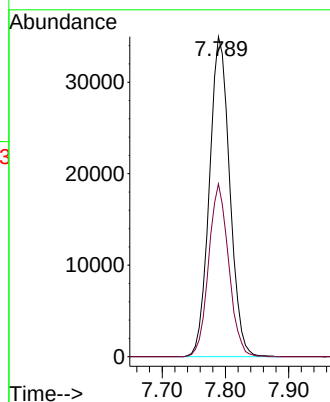
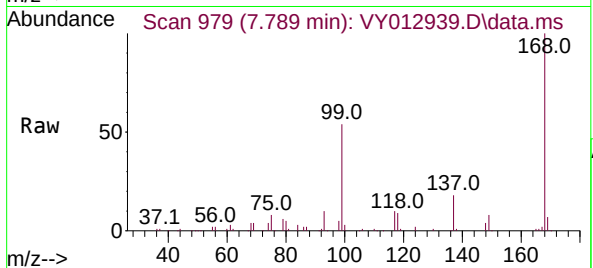




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012939.D
Acq: 14 Mar 2023 13:50

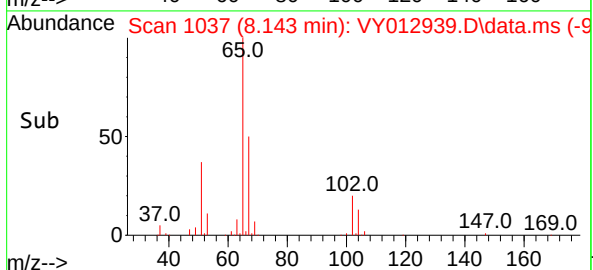
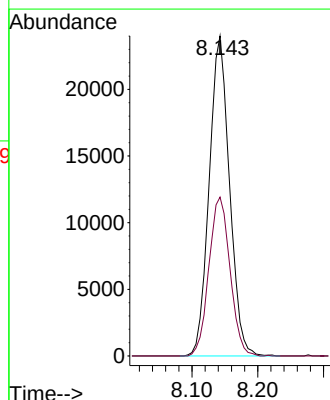
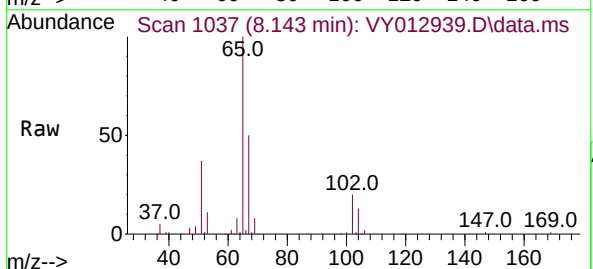
Instrument :
MSVOA_Y
ClientSampleId :
MAPLE-1

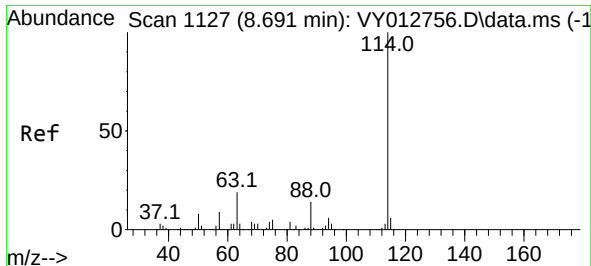
Tgt Ion:168 Resp: 78211
Ion Ratio Lower Upper
168 100
99 54.0 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 66.444 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012939.D
Acq: 14 Mar 2023 13:50

Tgt Ion: 65 Resp: 51596
Ion Ratio Lower Upper
65 100
67 51.6 0.0 104.0

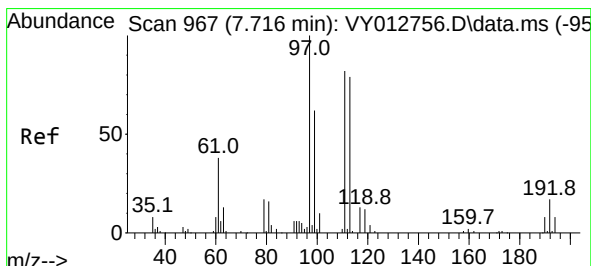
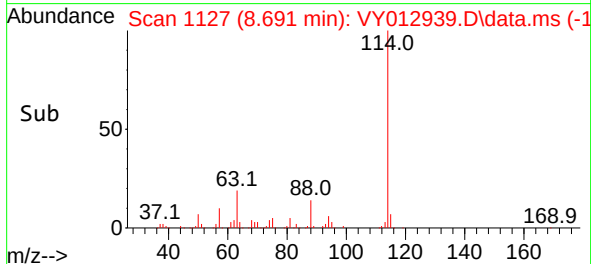
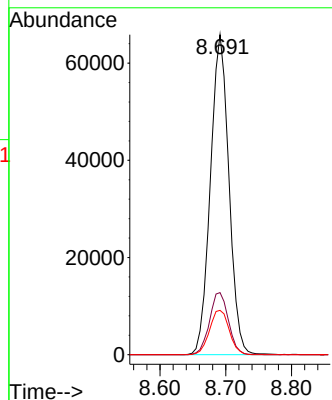
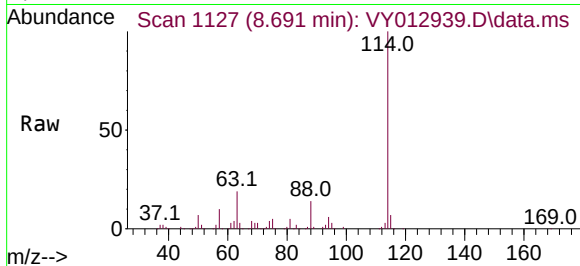




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY012939.D
Acq: 14 Mar 2023 13:50

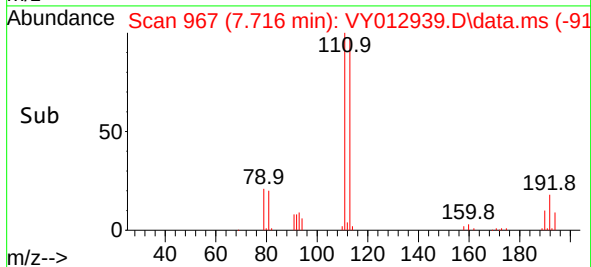
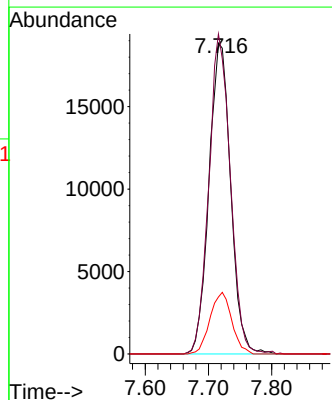
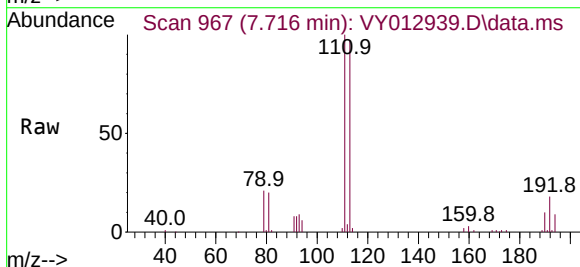
Instrument :
MSVOA_Y
ClientSampleId :
MAPLE-1

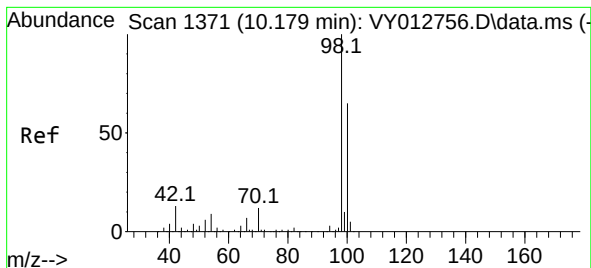
Tgt Ion:114 Resp: 128885
Ion Ratio Lower Upper
114 100
63 19.4 0.0 37.4
88 13.9 0.0 28.6



#35
Dibromofluoromethane
Concen: 57.688 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY012939.D
Acq: 14 Mar 2023 13:50

Tgt Ion:113 Resp: 44871
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.2
192 19.9 16.8 25.2





#50

Toluene-d8

Concen: 54.958 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY012939.D

Acq: 14 Mar 2023 13:50

Instrument :

MSVOA_Y

ClientSampleId :

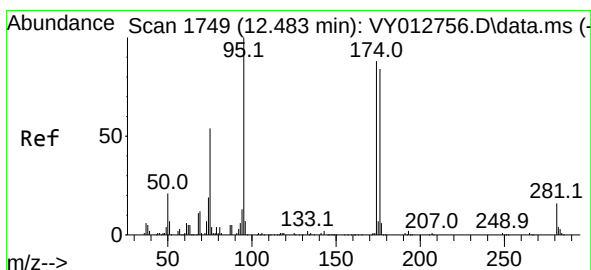
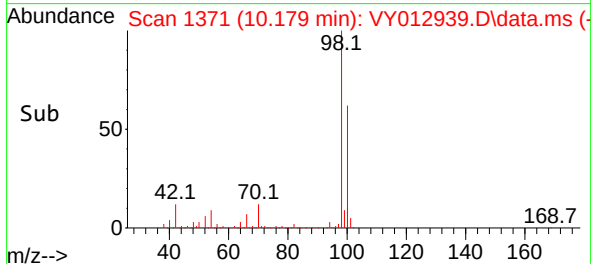
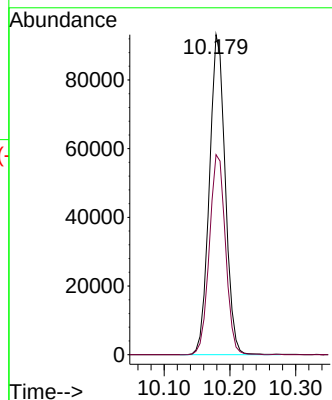
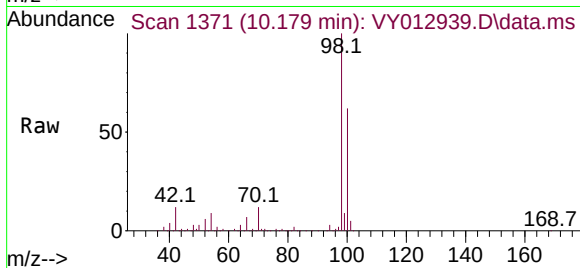
MAPLE-1

Tgt Ion: 98 Resp: 156276

Ion Ratio Lower Upper

98 100

100 63.5 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 48.788 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY012939.D

Acq: 14 Mar 2023 13:50

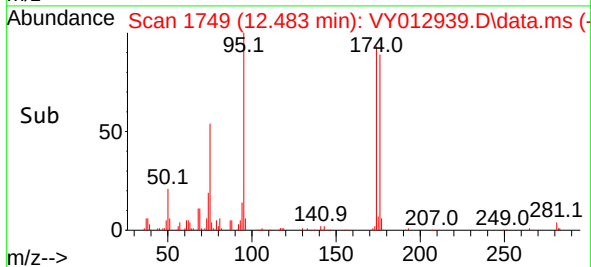
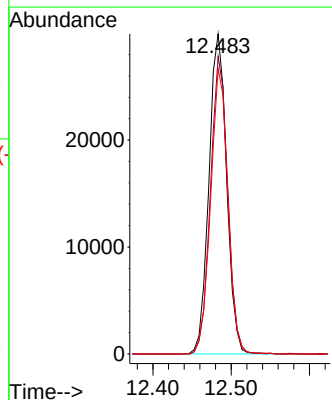
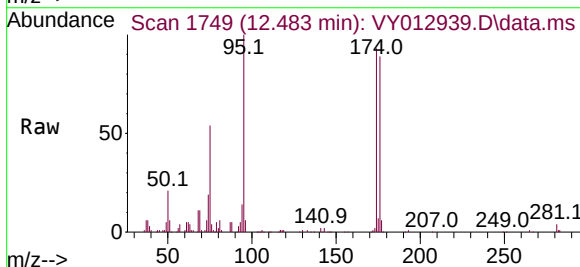
Tgt Ion: 95 Resp: 46825

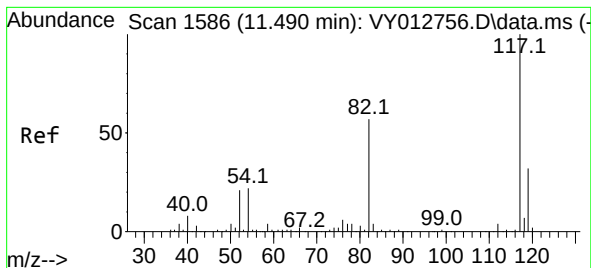
Ion Ratio Lower Upper

95 100

174 91.1 0.0 176.6

176 87.5 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY012939.D

Acq: 14 Mar 2023 13:50

Instrument :

MSVOA_Y

ClientSampleId :

MAPLE-1

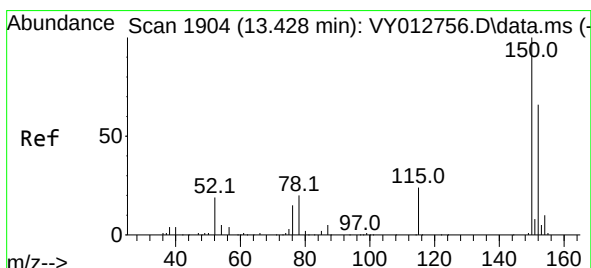
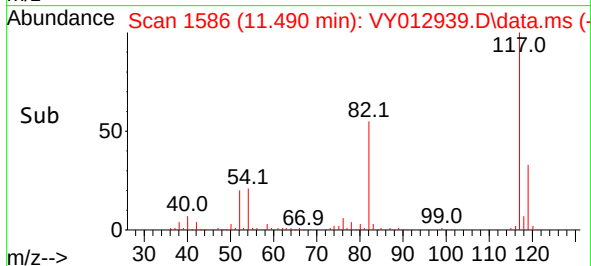
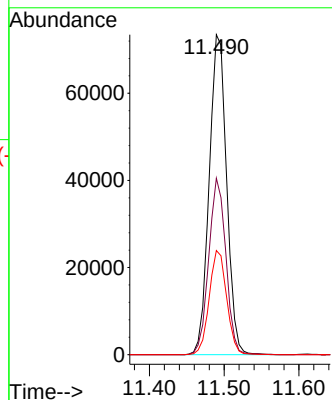
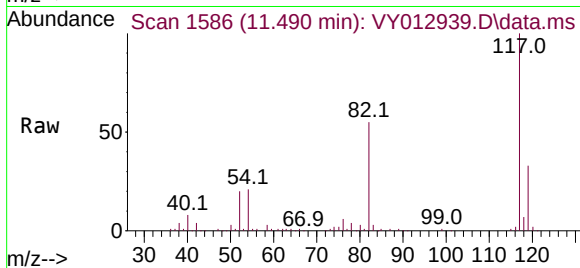
Tgt Ion:117 Resp: 119274

Ion Ratio Lower Upper

117 100

82 55.1 45.4 68.0

119 32.5 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY012939.D

Acq: 14 Mar 2023 13:50

Tgt Ion:152 Resp: 55189

Ion Ratio Lower Upper

152 100

115 55.4 27.1 81.3

150 156.4 0.0 347.8

