

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031423\
 Data File : VY012946.D
 Acq On : 14 Mar 2023 16:57
 Operator : KP/MD
 Sample : 01905-10
 Misc : 5.95g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MAPLE-3

Quant Time: Mar 15 01:44:42 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	80338	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	131413	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	116658	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	52597	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	47606	59.683	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.360%
35) Dibromofluoromethane	7.716	113	43123	54.374	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.740%
50) Toluene-d8	10.179	98	157776	54.418	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.840%
62) 4-Bromofluorobenzene	12.483	95	46732	47.754	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.500%

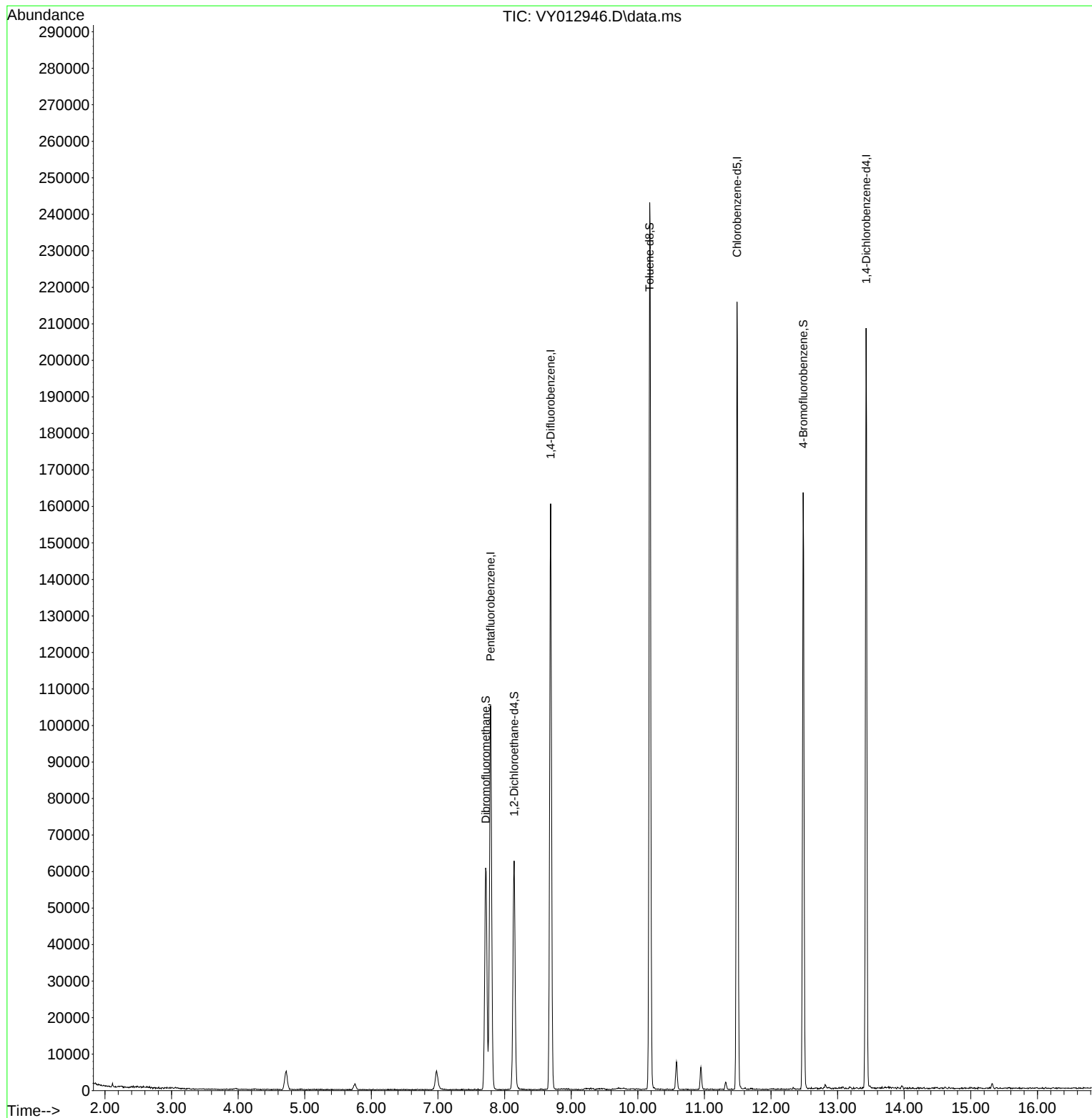
Target Compounds	Qvalue

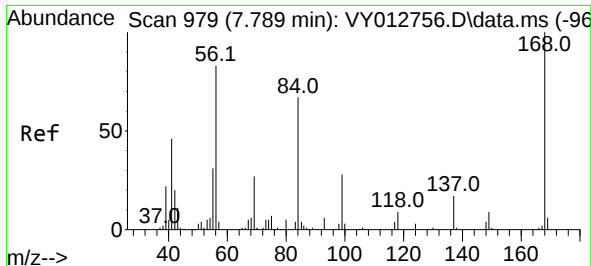
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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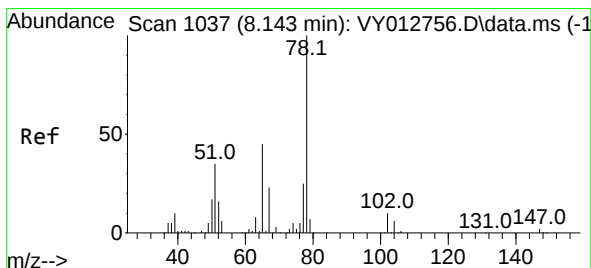
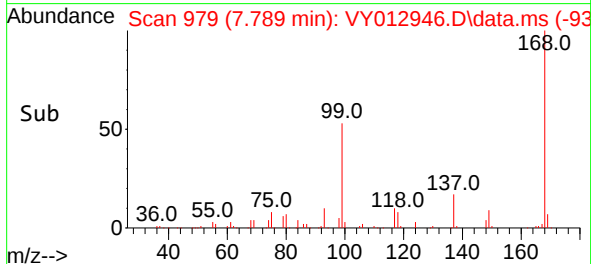
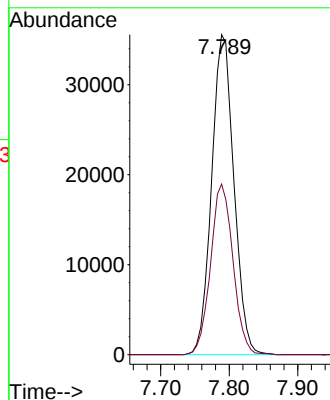
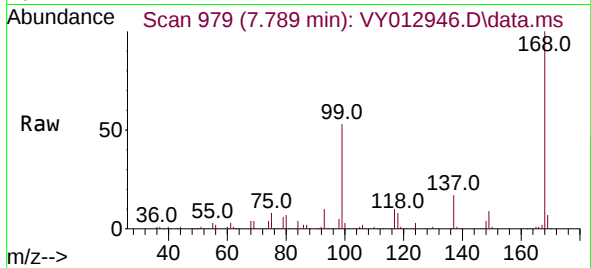




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012946.D
Acq: 14 Mar 2023 16:57

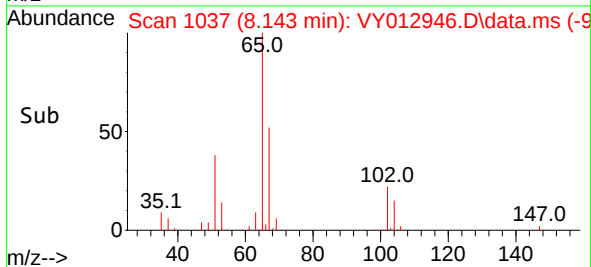
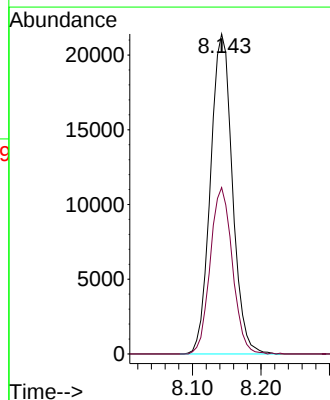
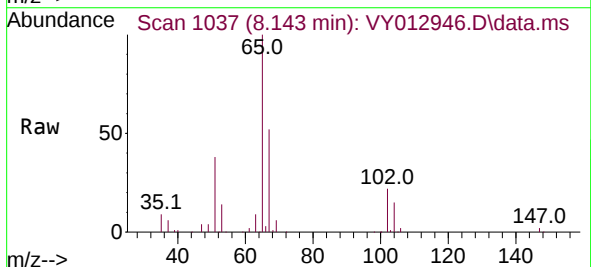
Instrument :
MSVOA_Y
ClientSampleId :
MAPLE-3

Tgt Ion:168 Resp: 80338
Ion Ratio Lower Upper
168 100
99 53.3 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 59.683 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012946.D
Acq: 14 Mar 2023 16:57

Tgt Ion: 65 Resp: 47606
Ion Ratio Lower Upper
65 100
67 52.4 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: VY012946.D

Acq: 14 Mar 2023 16:57

Instrument :

MSVOA_Y

ClientSampleId :

MAPLE-3

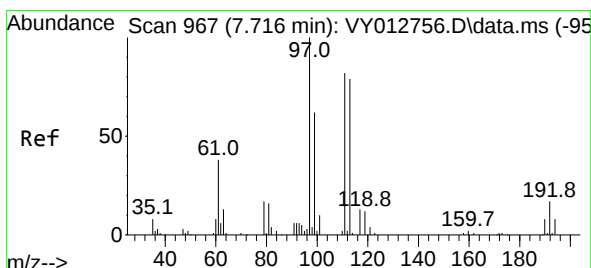
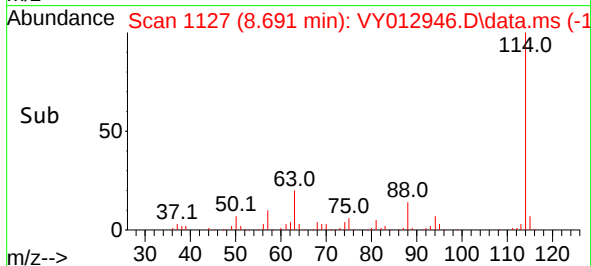
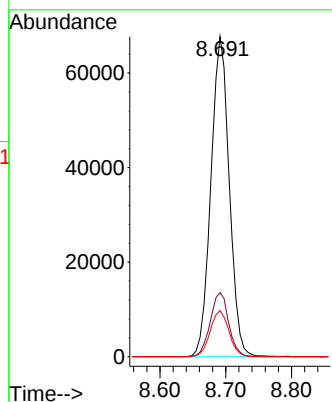
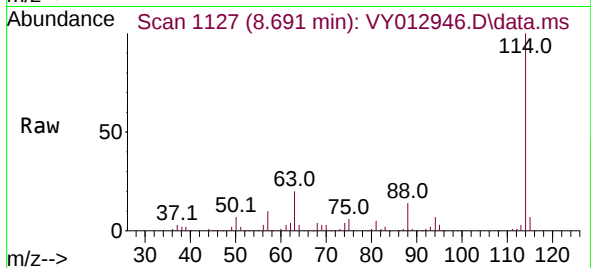
Tgt Ion:114 Resp: 131413

Ion Ratio Lower Upper

114 100

63 20.0 0.0 37.4

88 14.4 0.0 28.6



#35

Dibromofluoromethane

Concen: 54.374 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012946.D

Acq: 14 Mar 2023 16:57

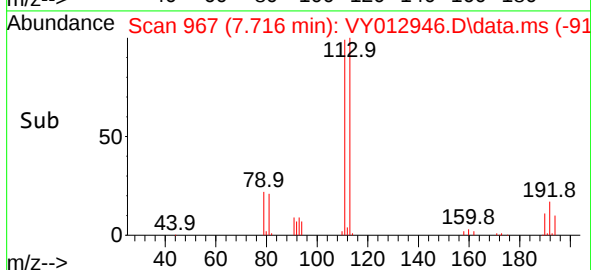
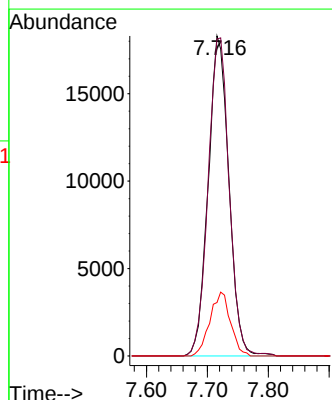
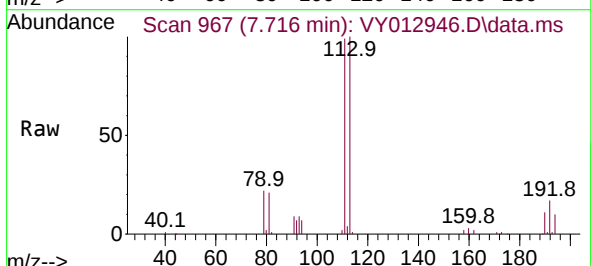
Tgt Ion:113 Resp: 43123

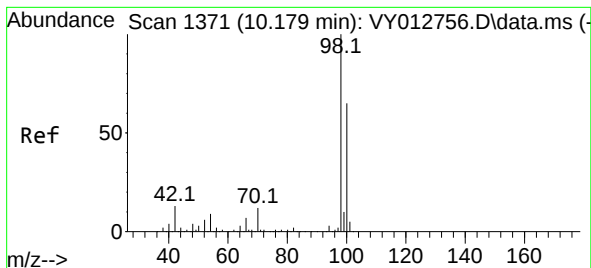
Ion Ratio Lower Upper

113 100

111 101.2 82.2 123.2

192 19.8 16.8 25.2





#50

Toluene-d8

Concen: 54.418 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY012946.D

Acq: 14 Mar 2023 16:57

Instrument :

MSVOA_Y

ClientSampleId :

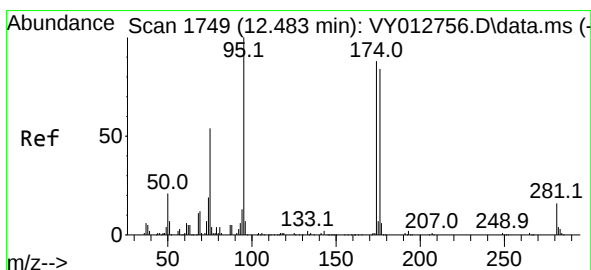
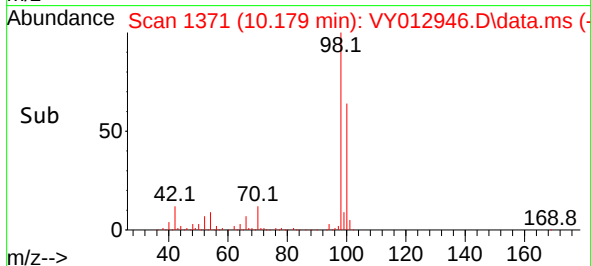
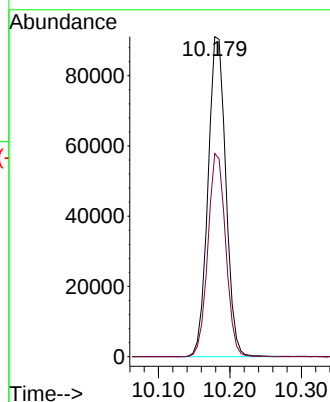
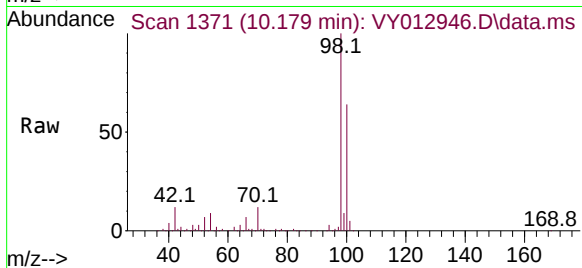
MAPLE-3

Tgt Ion: 98 Resp: 157776

Ion Ratio Lower Upper

98 100

100 63.3 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 47.754 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY012946.D

Acq: 14 Mar 2023 16:57

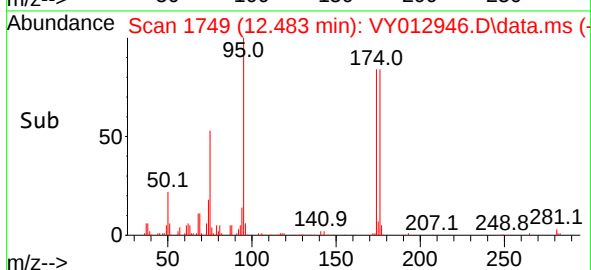
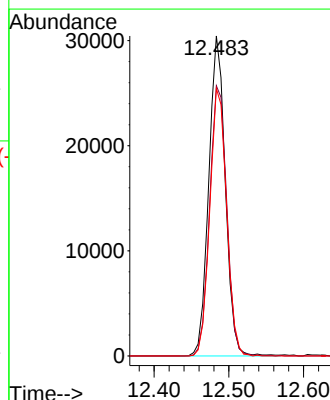
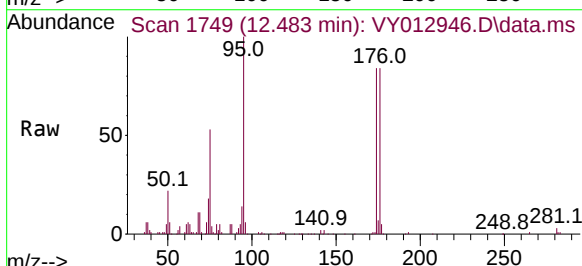
Tgt Ion: 95 Resp: 46732

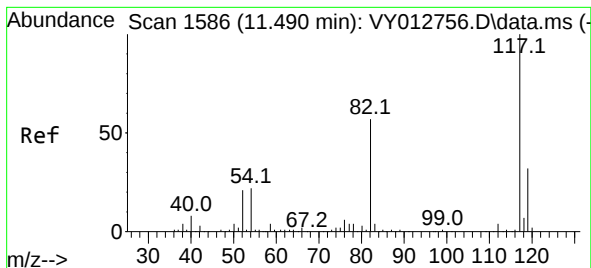
Ion Ratio Lower Upper

95 100

174 87.5 0.0 176.6

176 84.8 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012946.D

Acq: 14 Mar 2023 16:57

Instrument :

MSVOA_Y

ClientSampleId :

MAPLE-3

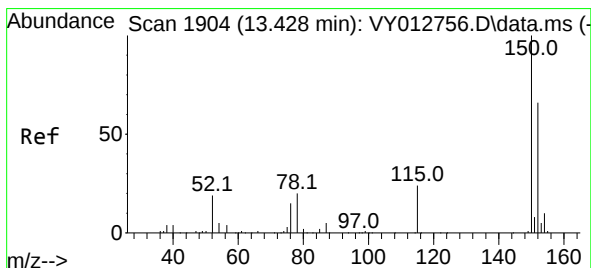
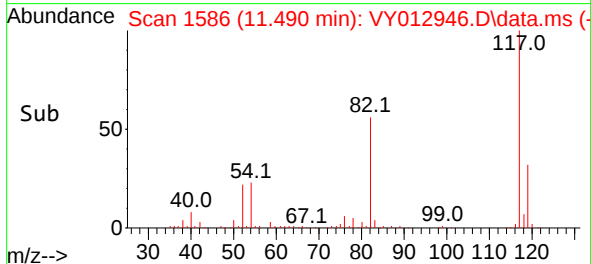
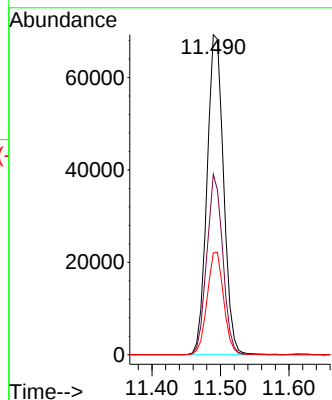
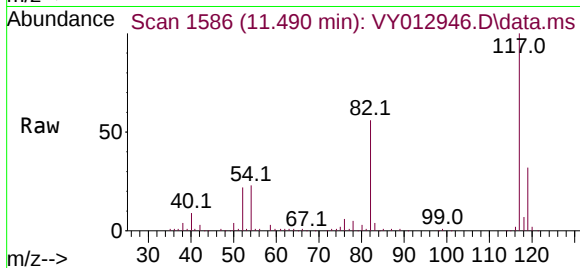
Tgt Ion:117 Resp: 116658

Ion Ratio Lower Upper

117 100

82 56.3 45.4 68.0

119 31.8 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: VY012946.D

Acq: 14 Mar 2023 16:57

Tgt Ion:152 Resp: 52597

Ion Ratio Lower Upper

152 100

115 55.5 27.1 81.3

150 157.3 0.0 347.8

