

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012023\
 Data File : VY012302.D
 Acq On : 20 Jan 2023 19:43
 Operator : KP/MD
 Sample : 01252-01
 Misc : 6.89g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-9

Quant Time: Jan 23 02:25:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	187001	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	309974	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	307073	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	146237	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	111325	73.684	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	147.360%
35) Dibromofluoromethane	7.716	113	92339	56.259	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.520%
50) Toluene-d8	10.179	98	366624	65.841	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	131.680%
62) 4-Bromofluorobenzene	12.483	95	125681	54.319	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	108.640%

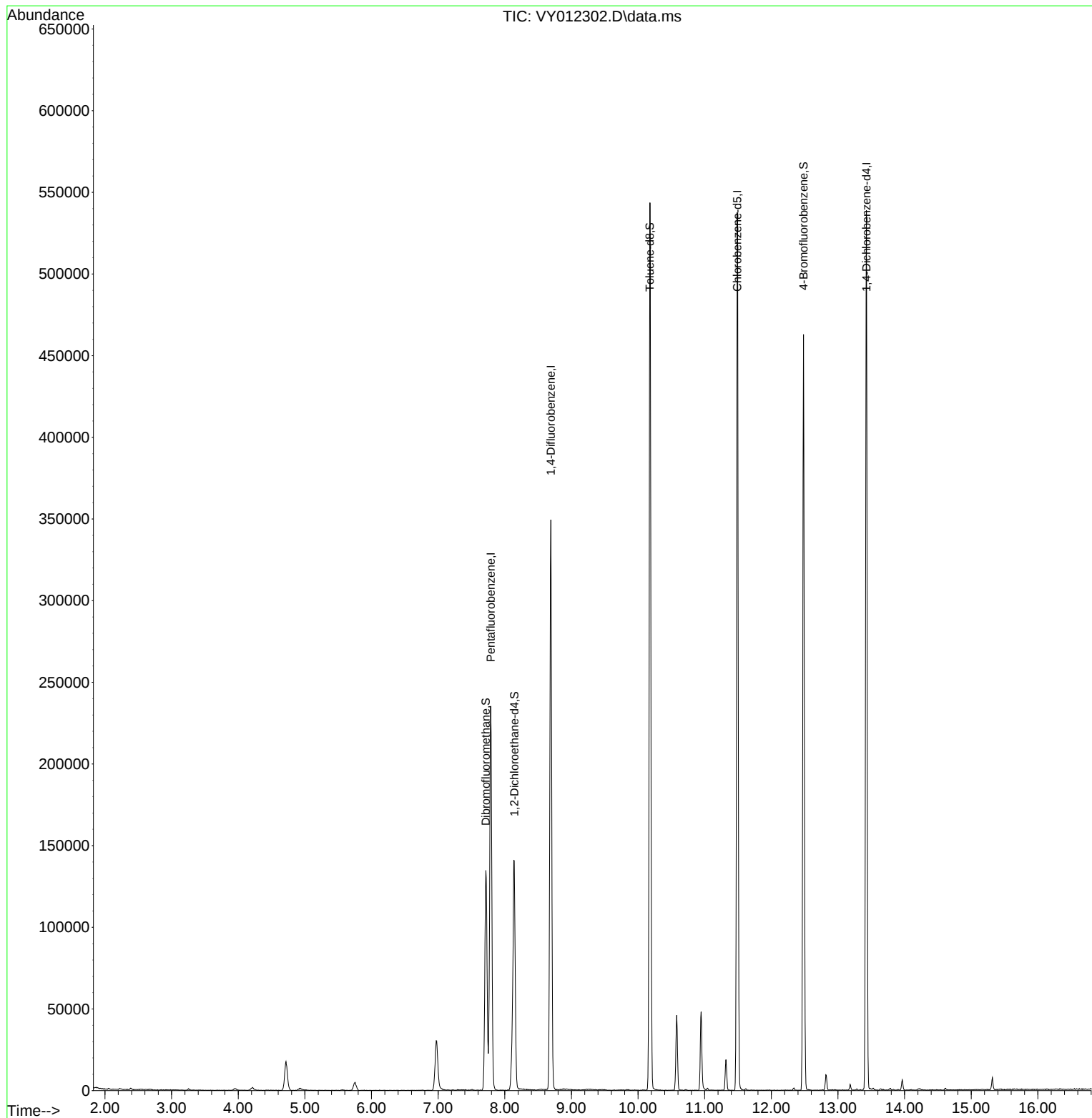
Target Compounds	Qvalue

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

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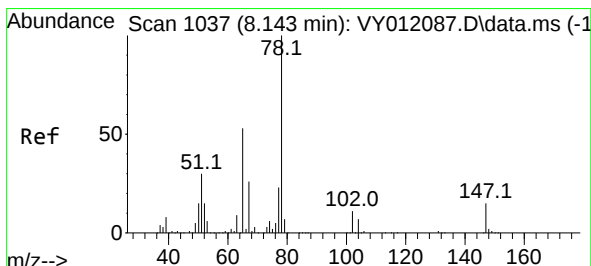
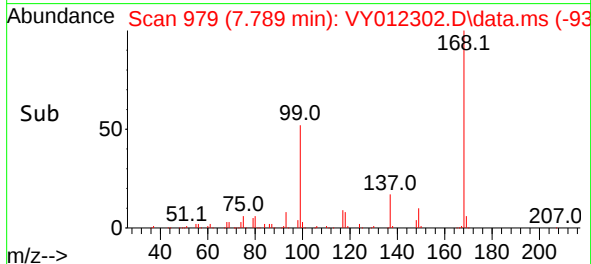
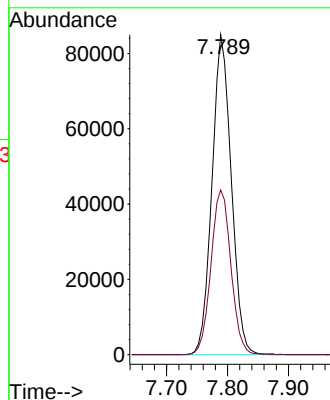
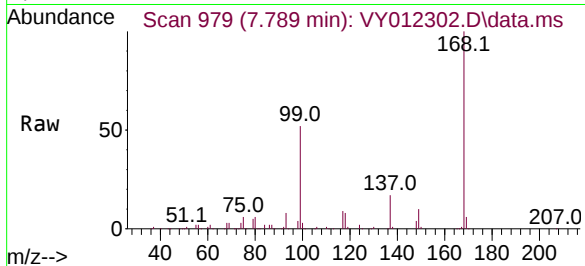




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012302.D
Acq: 20 Jan 2023 19:43

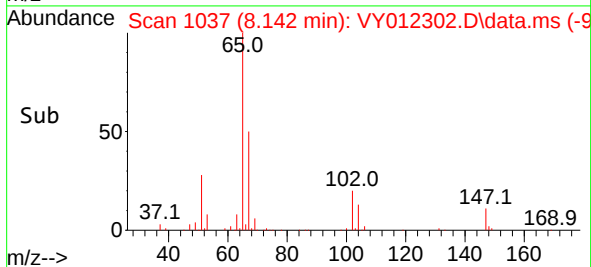
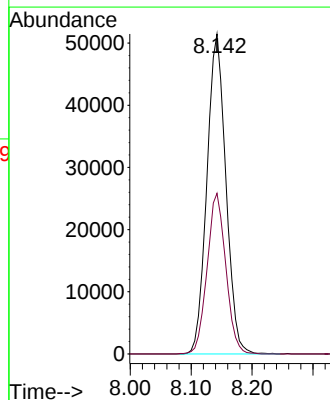
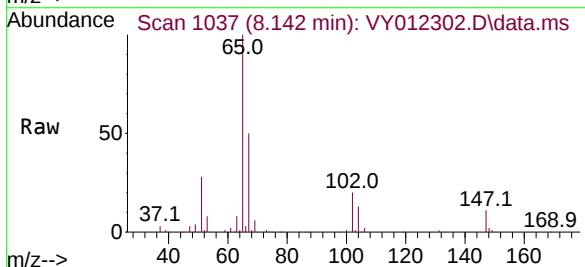
Instrument :
MSVOA_Y
ClientSampleId :
MH-9

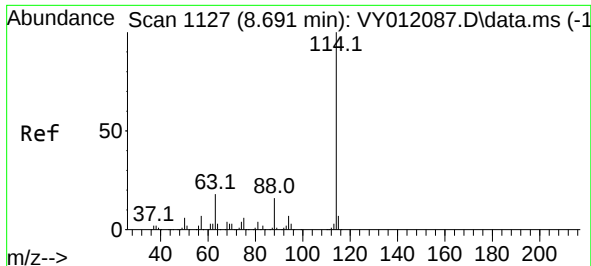
Tgt Ion:168 Resp: 187001
Ion Ratio Lower Upper
168 100
99 51.5 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 73.684 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012302.D
Acq: 20 Jan 2023 19:43

Tgt Ion: 65 Resp: 111325
Ion Ratio Lower Upper
65 100
67 49.4 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012302.D

Acq: 20 Jan 2023 19:43

Instrument :

MSVOA_Y

ClientSampleId :

MH-9

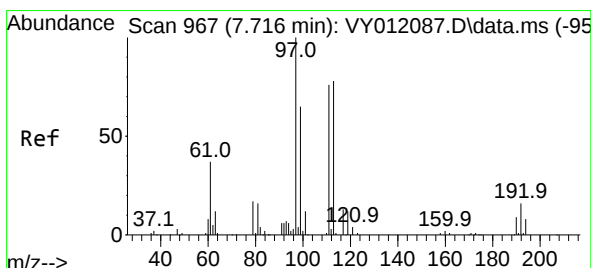
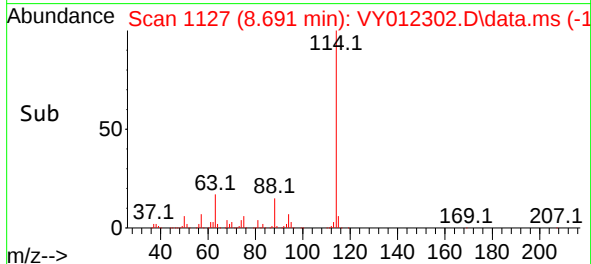
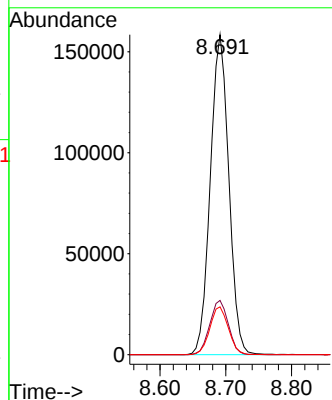
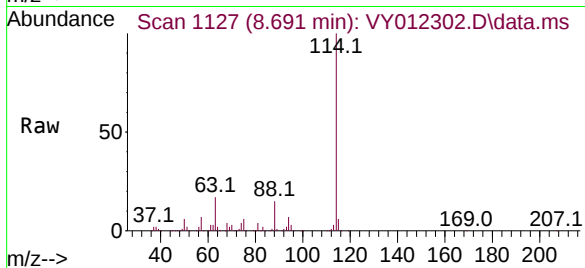
Tgt Ion:114 Resp: 309974

Ion Ratio Lower Upper

114 100

63 17.0 0.0 39.6

88 15.0 0.0 32.2



#35

Dibromofluoromethane

Concen: 56.259 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012302.D

Acq: 20 Jan 2023 19:43

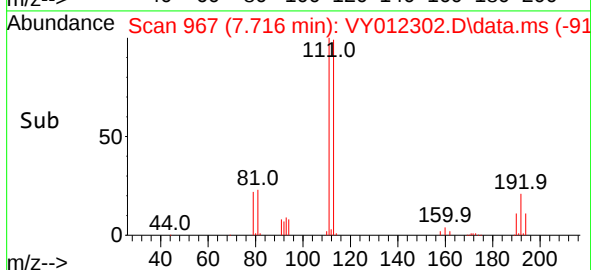
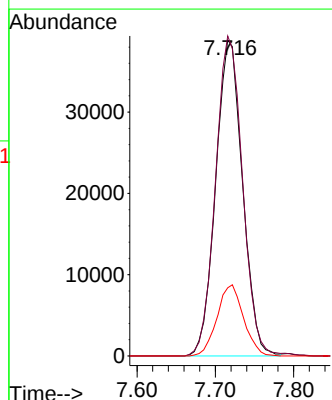
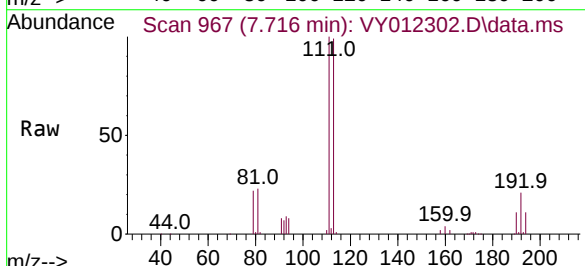
Tgt Ion:113 Resp: 92339

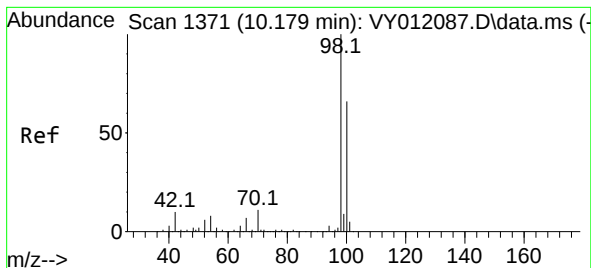
Ion Ratio Lower Upper

113 100

111 102.3 83.0 124.4

192 22.3 16.0 24.0





#50

Toluene-d8

Concen: 65.841 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY012302.D

Acq: 20 Jan 2023 19:43

Instrument :

MSVOA_Y

ClientSampleId :

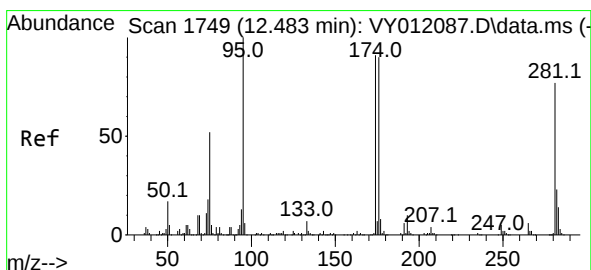
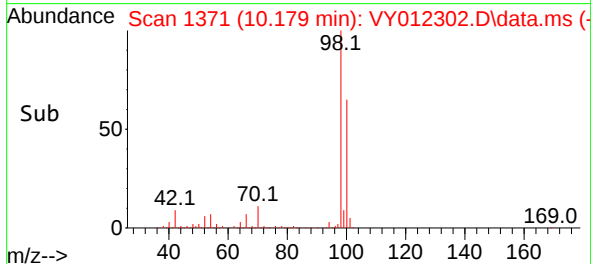
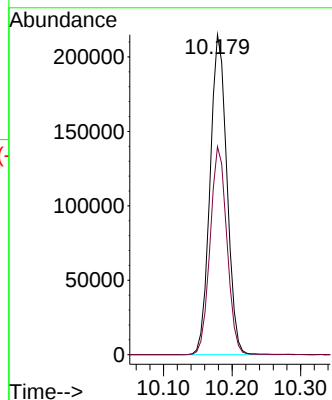
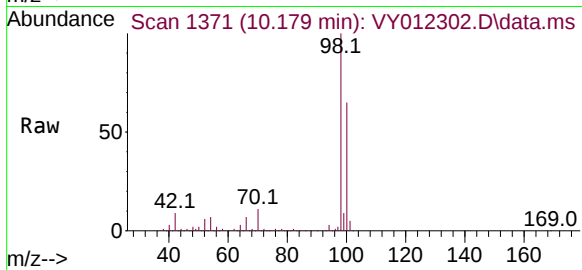
MH-9

Tgt Ion: 98 Resp: 366624

Ion Ratio Lower Upper

98 100

100 64.7 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 54.319 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY012302.D

Acq: 20 Jan 2023 19:43

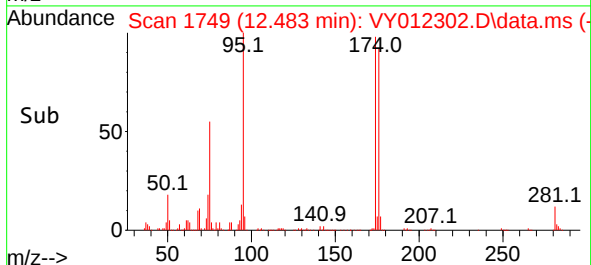
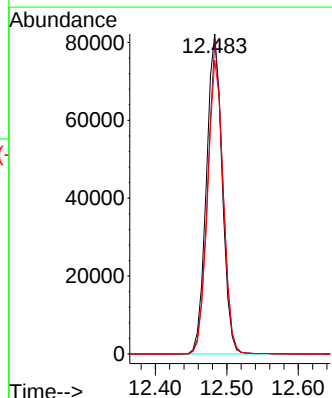
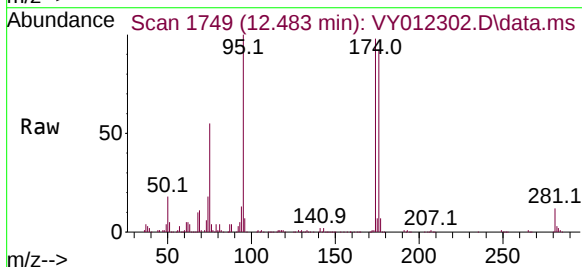
Tgt Ion: 95 Resp: 125681

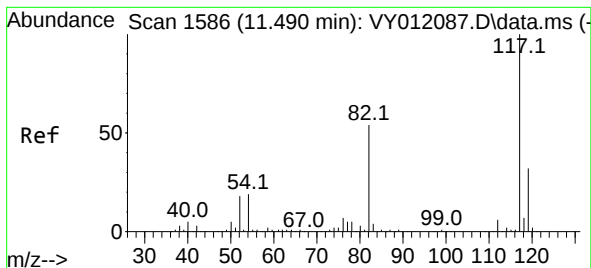
Ion Ratio Lower Upper

95 100

174 94.7 0.0 172.0

176 91.5 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY012302.D

Acq: 20 Jan 2023 19:43

Instrument :

MSVOA_Y

ClientSampleId :

MH-9

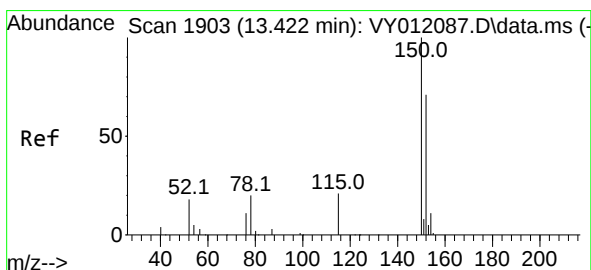
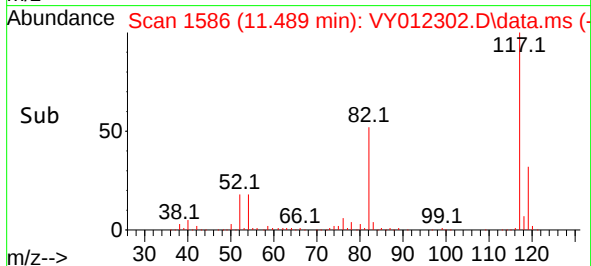
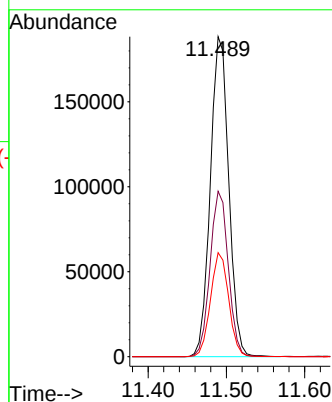
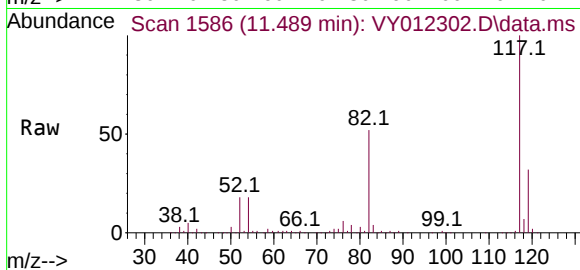
Tgt Ion:117 Resp: 307073

Ion Ratio Lower Upper

117 100

82 51.7 44.8 67.2

119 32.5 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY012302.D

Acq: 20 Jan 2023 19:43

Tgt Ion:152 Resp: 146237

Ion Ratio Lower Upper

152 100

115 56.4 29.1 87.3

150 156.7 0.0 342.6

