

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012023\
 Data File : VY012290.D
 Acq On : 20 Jan 2023 15:02
 Operator : KP/MD
 Sample : 01220-01
 Misc : 6.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-8

Quant Time: Jan 23 02:20:34 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	227610	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	375123	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	361762	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	171685	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	124325	67.255	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	134.500%
35) Dibromofluoromethane	7.716	113	113285	57.034	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.060%
50) Toluene-d8	10.179	98	445465	66.125	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	132.260%
62) 4-Bromofluorobenzene	12.483	95	151855	54.233	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	108.460%

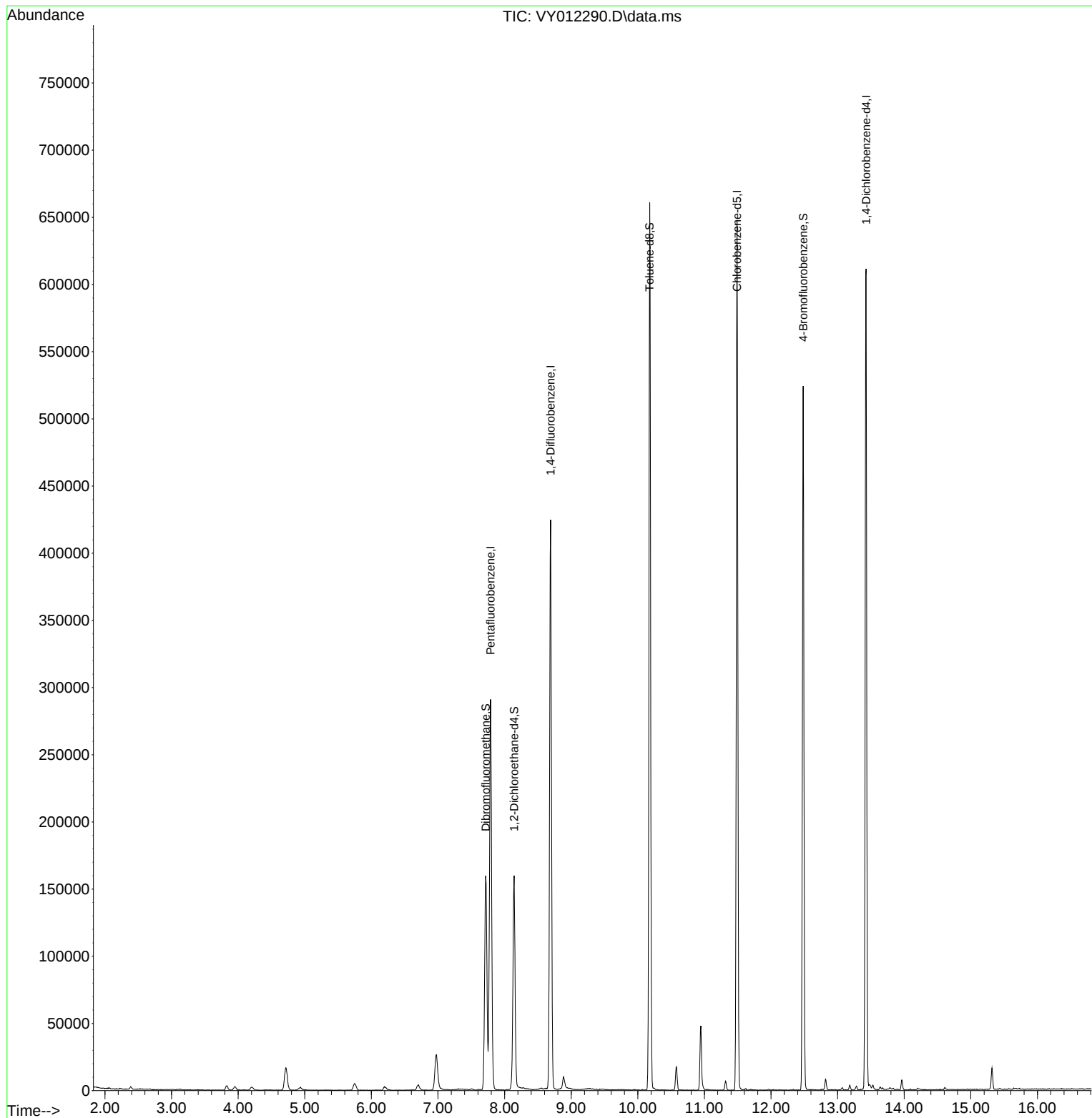
Target Compounds	Qvalue

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

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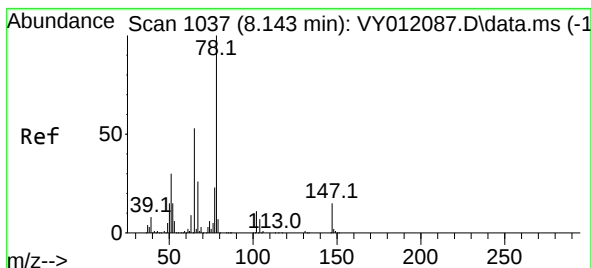
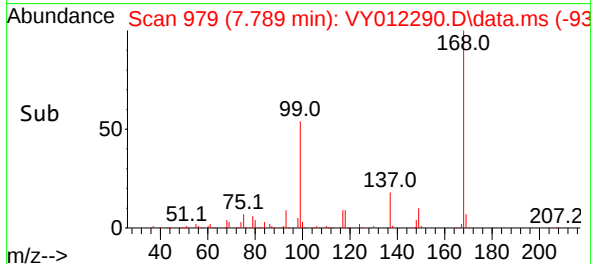
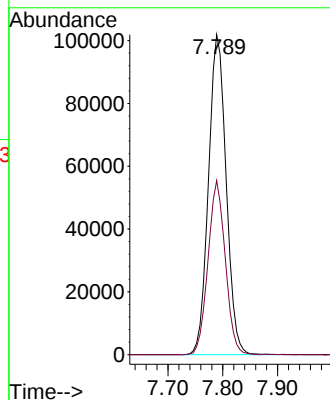
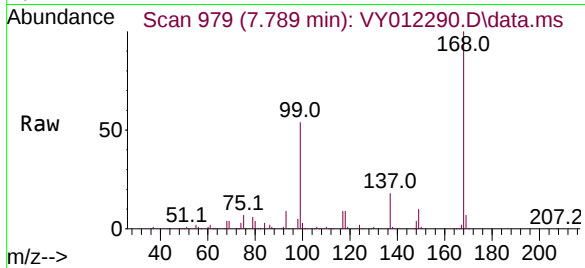




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012290.D
Acq: 20 Jan 2023 15:02

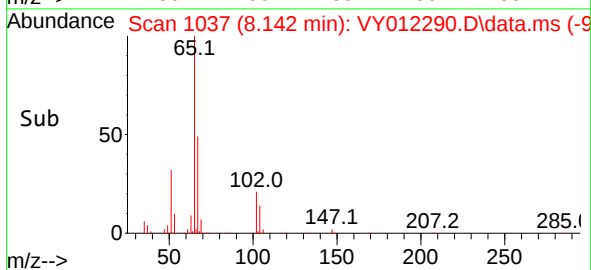
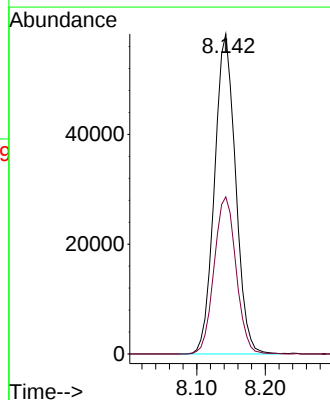
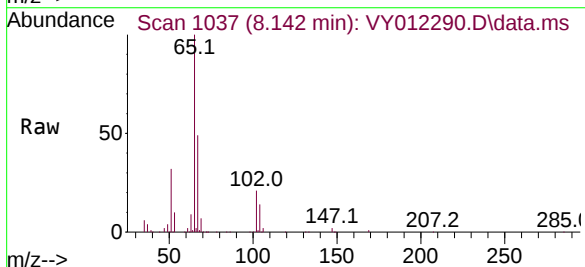
Instrument :
MSVOA_Y
ClientSampleId :
MH-8

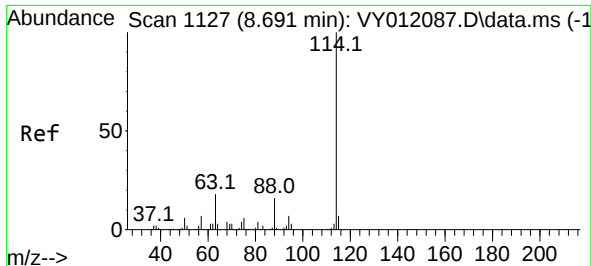
Tgt Ion:168 Resp: 227610
Ion Ratio Lower Upper
168 100
99 54.4 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 67.255 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012290.D
Acq: 20 Jan 2023 15:02

Tgt Ion: 65 Resp: 124325
Ion Ratio Lower Upper
65 100
67 51.1 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: VY012290.D

Acq: 20 Jan 2023 15:02

Instrument :

MSVOA_Y

ClientSampleId :

MH-8

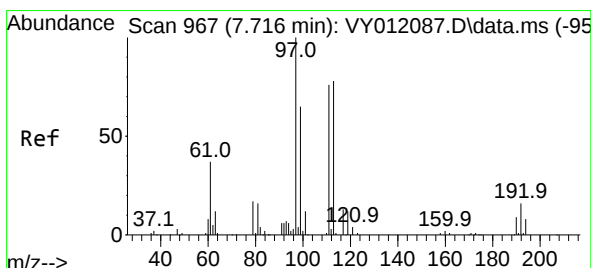
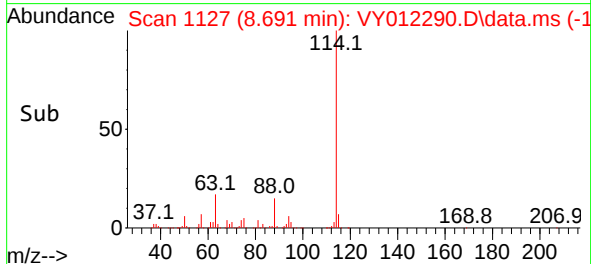
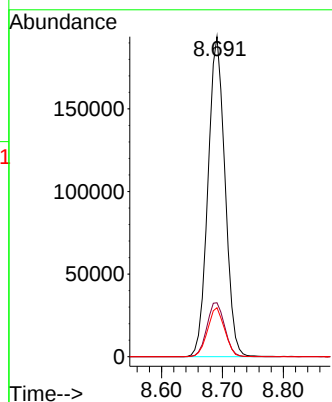
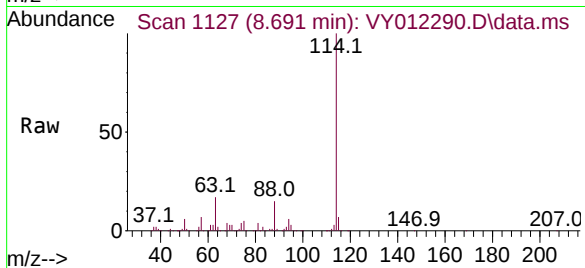
Tgt Ion:114 Resp: 375123

Ion Ratio Lower Upper

114 100

63 16.9 0.0 39.6

88 15.3 0.0 32.2



#35

Dibromofluoromethane

Concen: 57.034 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012290.D

Acq: 20 Jan 2023 15:02

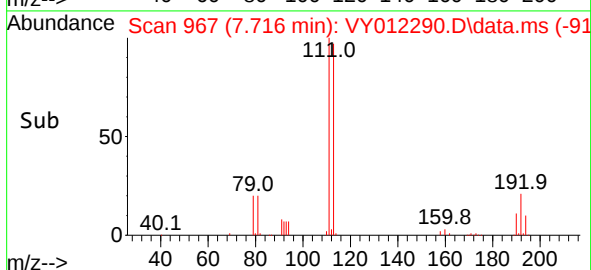
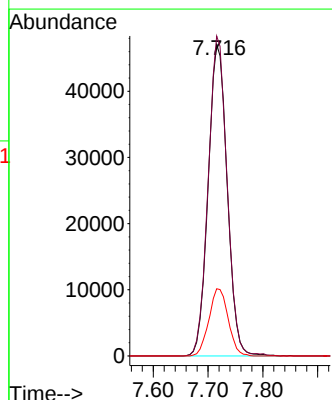
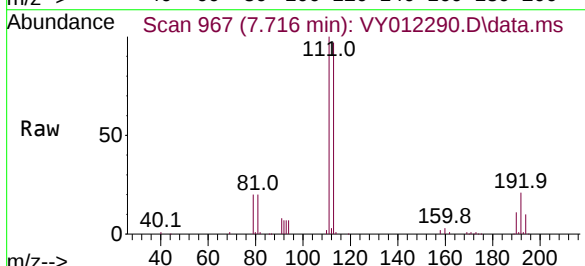
Tgt Ion:113 Resp: 113285

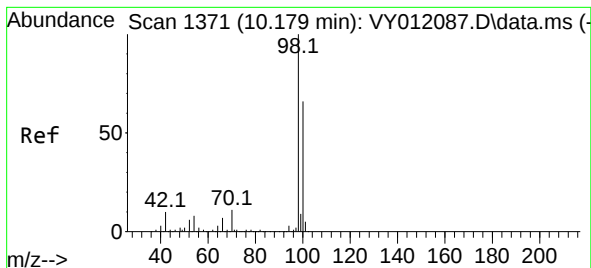
Ion Ratio Lower Upper

113 100

111 101.9 83.0 124.4

192 21.8 16.0 24.0





#50

Toluene-d8

Concen: 66.125 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY012290.D

Acq: 20 Jan 2023 15:02

Instrument :

MSVOA_Y

ClientSampleId :

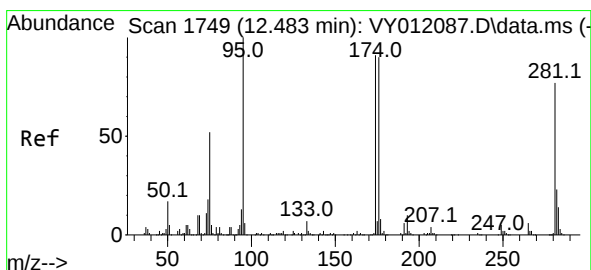
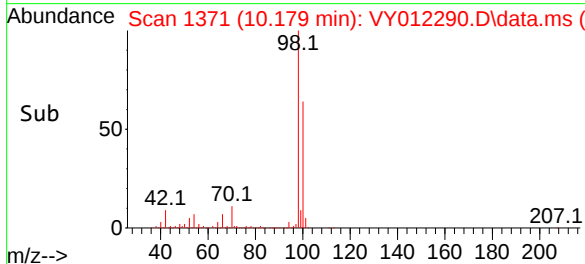
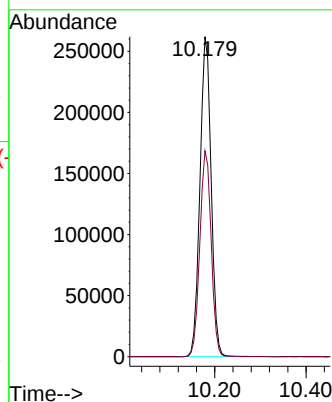
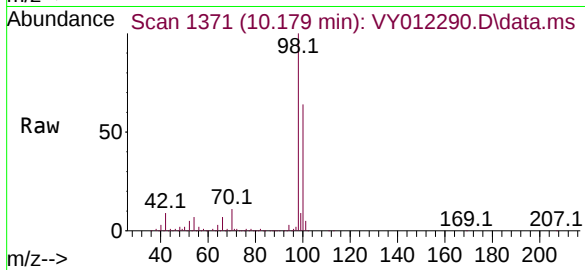
MH-8

Tgt Ion: 98 Resp: 445465

Ion Ratio Lower Upper

98 100

100 65.2 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 54.233 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY012290.D

Acq: 20 Jan 2023 15:02

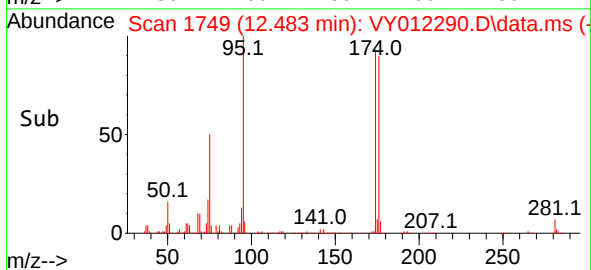
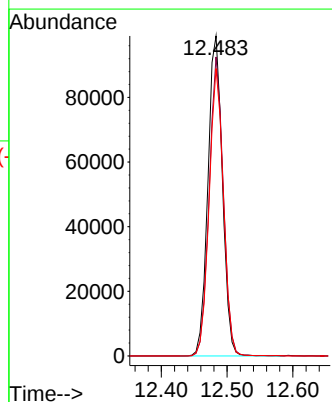
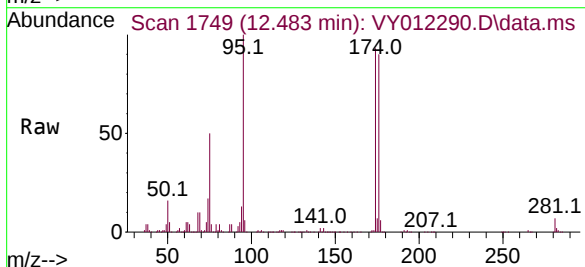
Tgt Ion: 95 Resp: 151855

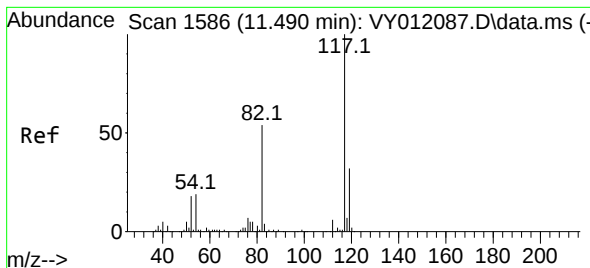
Ion Ratio Lower Upper

95 100

174 91.5 0.0 172.0

176 88.6 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: VY012290.D

Acq: 20 Jan 2023 15:02

Instrument :

MSVOA_Y

ClientSampleId :

MH-8

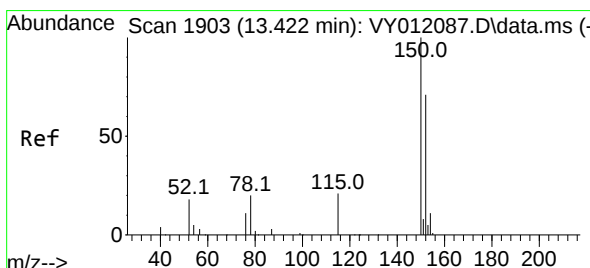
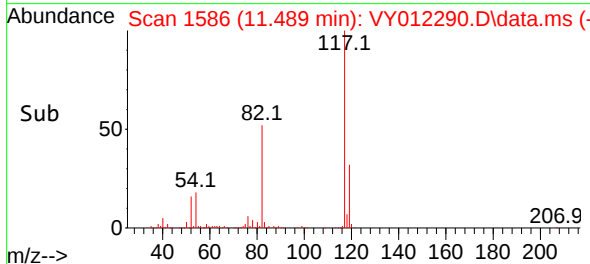
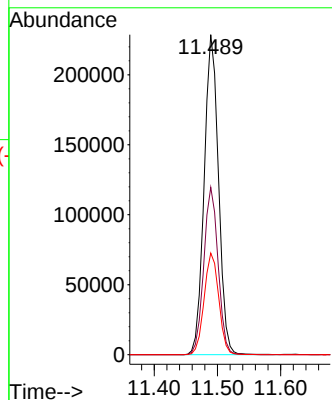
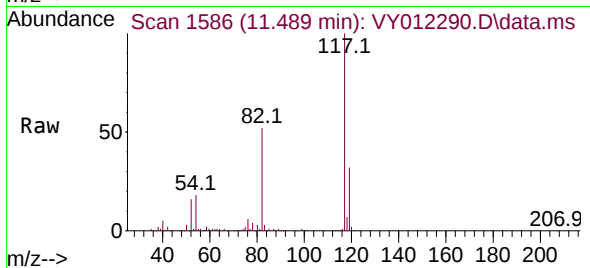
Tgt Ion:117 Resp: 361762

Ion Ratio Lower Upper

117 100

82 52.3 44.8 67.2

119 31.7 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: VY012290.D

Acq: 20 Jan 2023 15:02

Tgt Ion:152 Resp: 171685

Ion Ratio Lower Upper

152 100

115 56.3 29.1 87.3

150 155.4 0.0 342.6

