

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011024\
 Data File : VY016973.D
 Acq On : 10 Jan 2024 15:13
 Operator : SY/MD
 Sample : P1097-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-G

Quant Time: Jan 11 00:13:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	15737	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	26577	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.501	117	21917	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	7305	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	5473	35.187	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	70.380%
35) Dibromofluoromethane	7.715	113	6418	37.896	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	75.800%
50) Toluene-d8	10.184	98	23217	39.810	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	79.620%
62) 4-Bromofluorobenzene	12.495	95	5760	29.274	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	58.540%

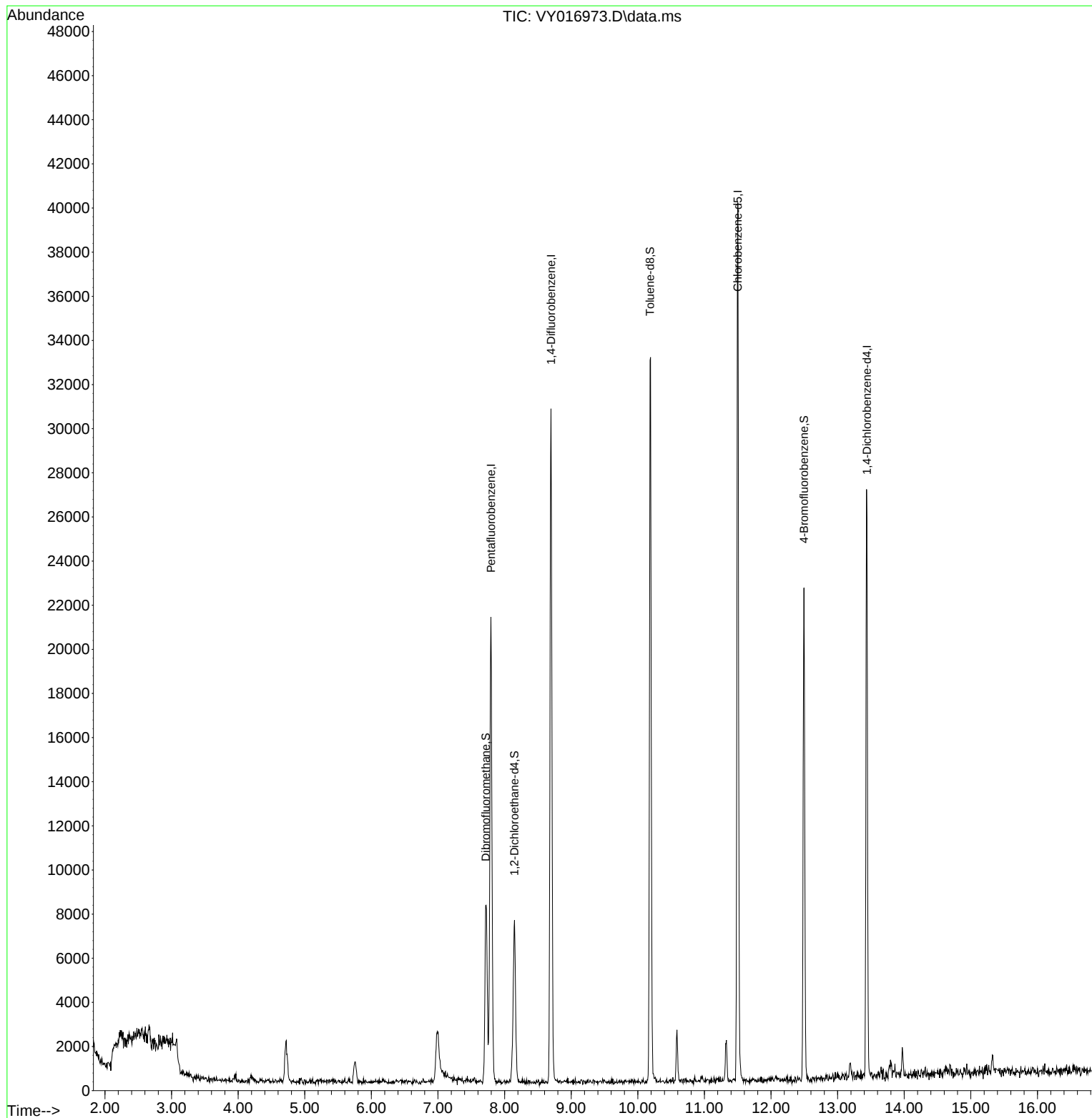
Target Compounds Qvalue

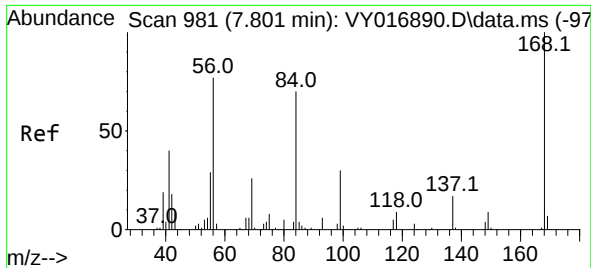
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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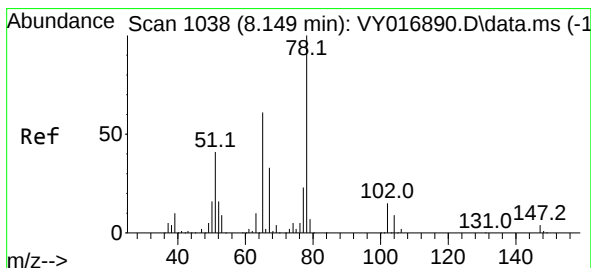
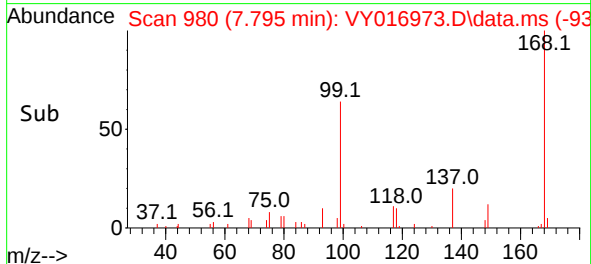
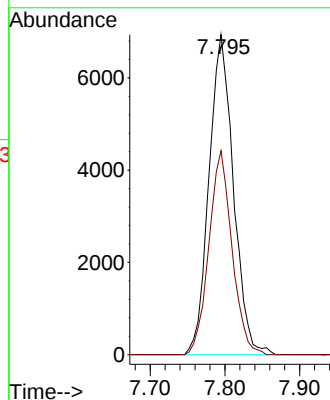
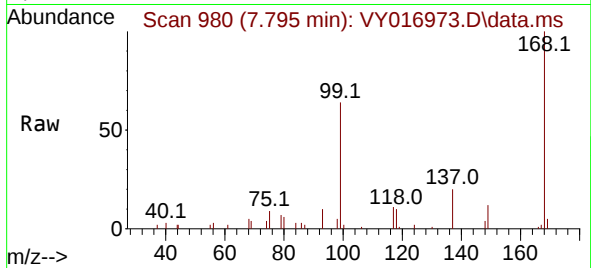




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY016973.D
Acq: 10 Jan 2024 15:13

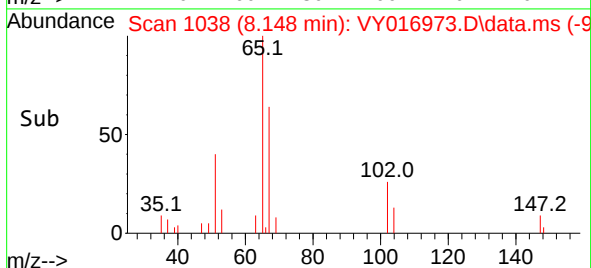
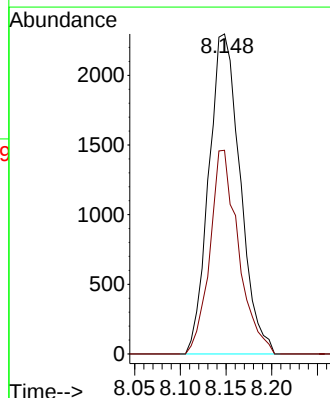
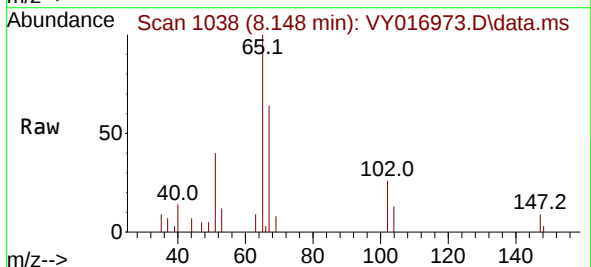
Instrument :
MSVOA_Y
ClientSampleId :
MH-G

Tgt Ion:168 Resp: 15737
Ion Ratio Lower Upper
168 100
99 63.7 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 35.187 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.007 min
Lab File: VY016973.D
Acq: 10 Jan 2024 15:13

Tgt Ion: 65 Resp: 5473
Ion Ratio Lower Upper
65 100
67 58.1 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY016973.D

Acq: 10 Jan 2024 15:13

Instrument :

MSVOA_Y

ClientSampleId :

MH-G

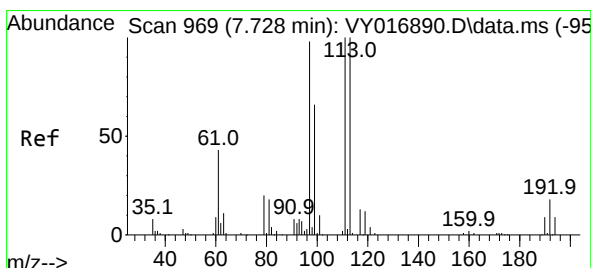
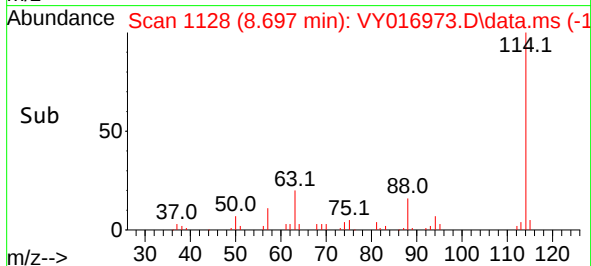
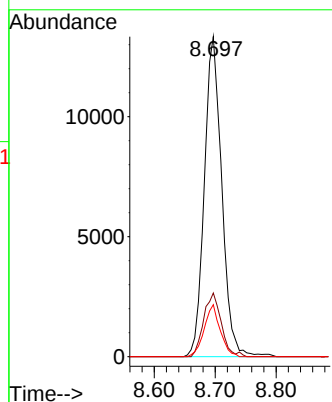
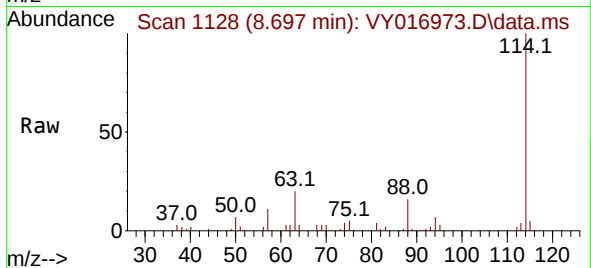
Tgt Ion:114 Resp: 26577

Ion Ratio Lower Upper

114 100

63 19.9 0.0 37.4

88 16.3 0.0 29.0



#35

Dibromofluoromethane

Concen: 37.896 ug/l

RT: 7.715 min Scan# 967

Delta R.T. -0.013 min

Lab File: VY016973.D

Acq: 10 Jan 2024 15:13

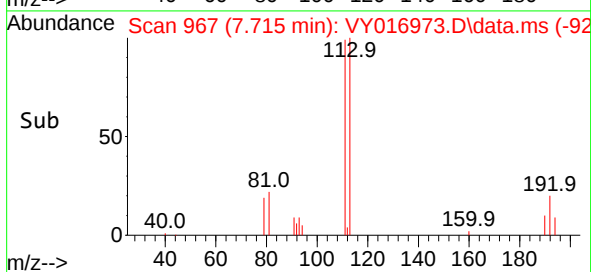
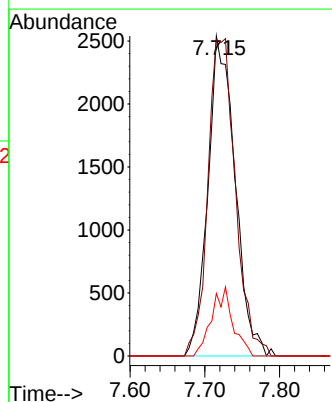
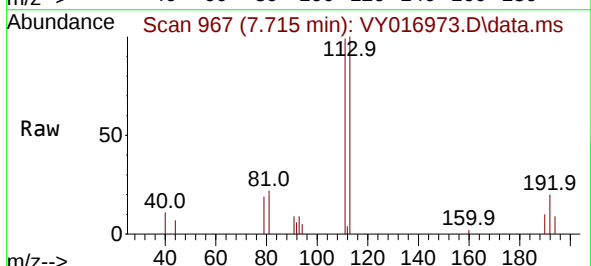
Tgt Ion:113 Resp: 6418

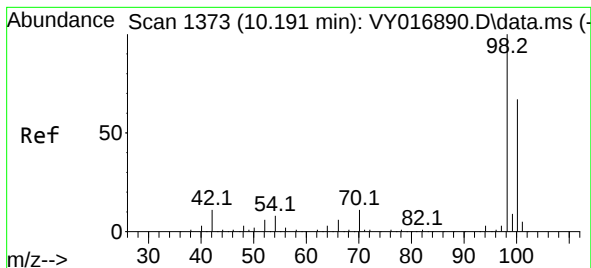
Ion Ratio Lower Upper

113 100

111 100.4 83.8 125.6

192 16.9 14.5 21.7





#50

Toluene-d8

Concen: 39.810 ug/l

RT: 10.184 min Scan# 11

Delta R.T. -0.007 min

Lab File: VY016973.D

Acq: 10 Jan 2024 15:13

Instrument :

MSVOA_Y

ClientSampleId :

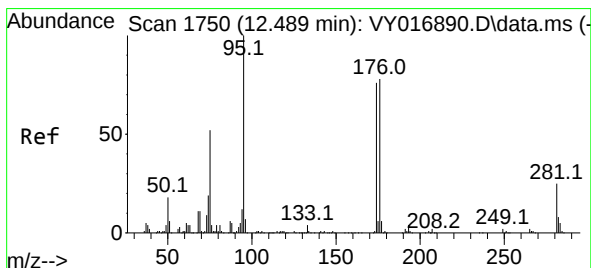
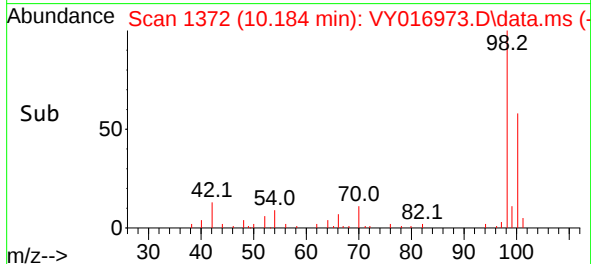
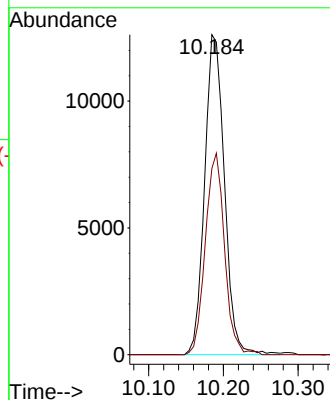
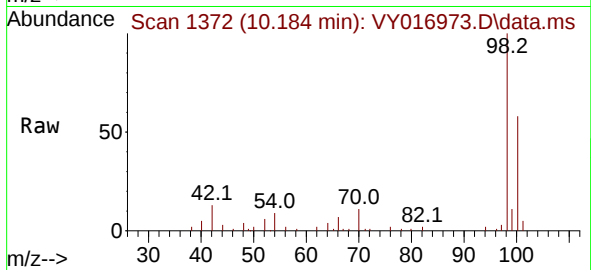
MH-G

Tgt Ion: 98 Resp: 23217

Ion Ratio Lower Upper

98 100

100 61.1 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 29.274 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. 0.006 min

Lab File: VY016973.D

Acq: 10 Jan 2024 15:13

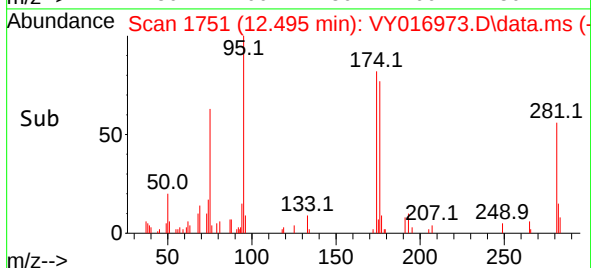
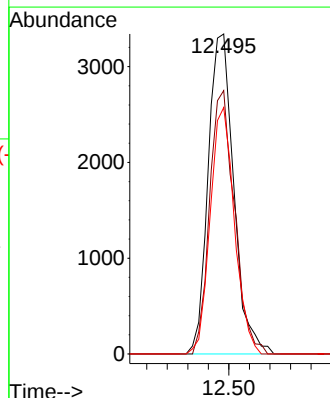
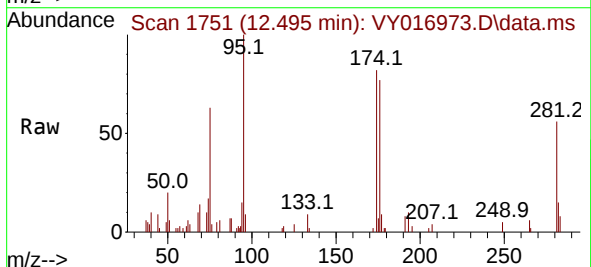
Tgt Ion: 95 Resp: 5760

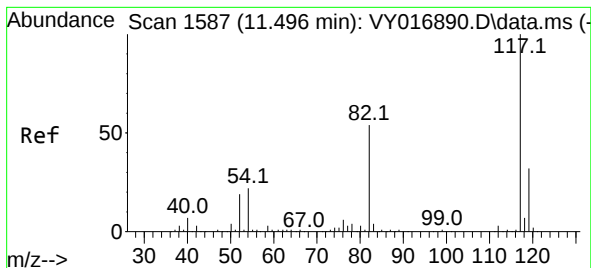
Ion Ratio Lower Upper

95 100

174 80.1 0.0 160.0

176 73.1 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.501 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY016973.D

Acq: 10 Jan 2024 15:13

Instrument :

MSVOA_Y

ClientSampleId :

MH-G

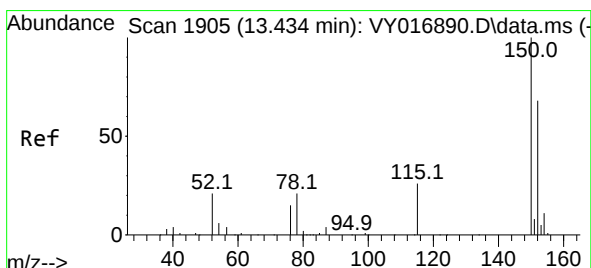
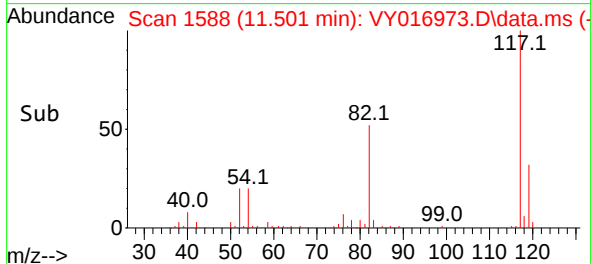
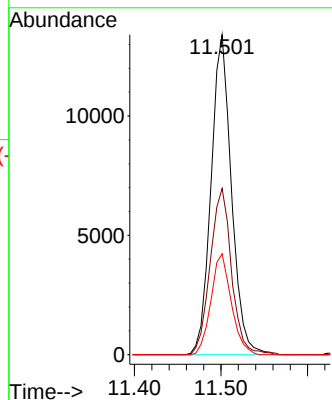
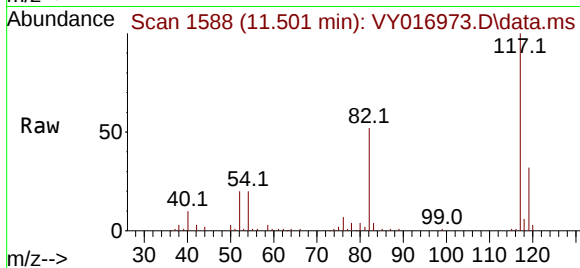
Tgt Ion:117 Resp: 21917

Ion Ratio Lower Upper

117 100

82 52.0 43.8 65.8

119 31.6 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.006 min

Lab File: VY016973.D

Acq: 10 Jan 2024 15:13

Tgt Ion:152 Resp: 7305

Ion Ratio Lower Upper

152 100

115 54.7 30.0 90.0

150 150.1 0.0 344.6

