

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072023\
 Data File : VY014718.D
 Acq On : 20 Jul 2023 14:07
 Operator : SY/MD
 Sample : 03647-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SAMPLE-1

Quant Time: Jul 20 14:21:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	152303	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	270553	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	256787	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	121659	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	97829	56.368	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.740%
35) Dibromofluoromethane	7.716	113	86540	50.247	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.500%
50) Toluene-d8	10.179	98	320375	50.455	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.920%
62) 4-Bromofluorobenzene	12.477	95	120449	49.472	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.940%

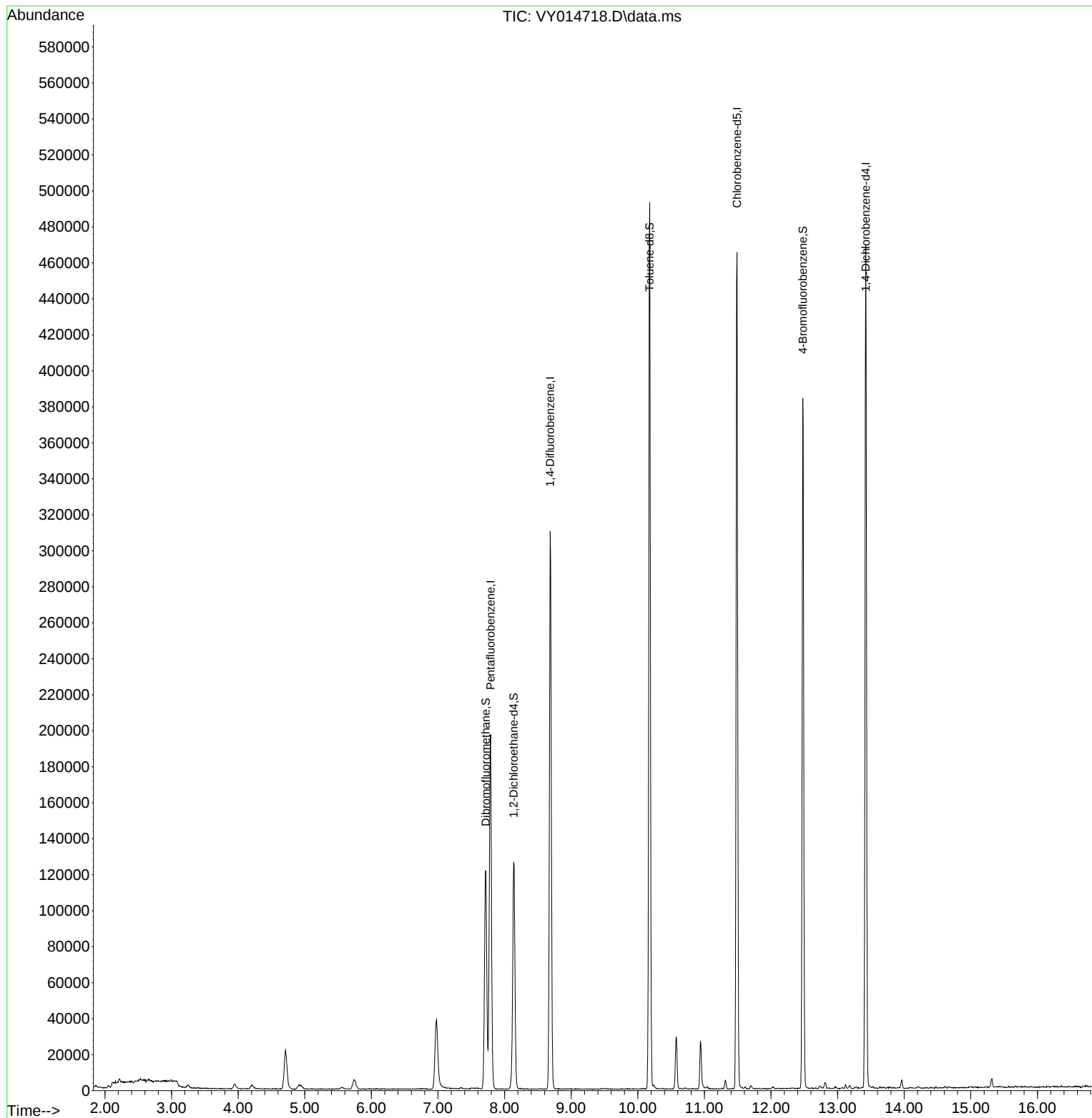
Target Compounds	Qvalue

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

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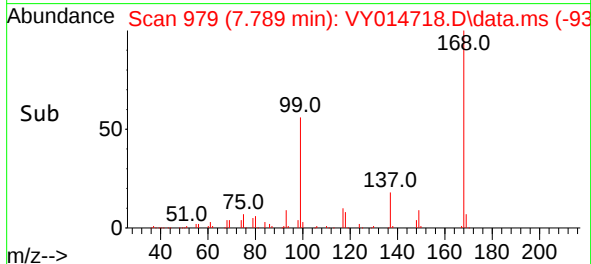
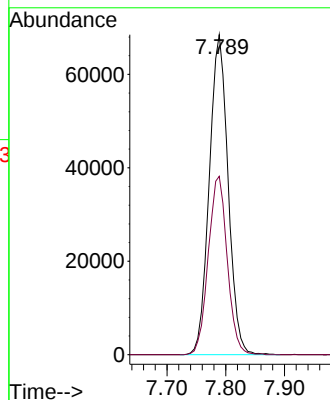
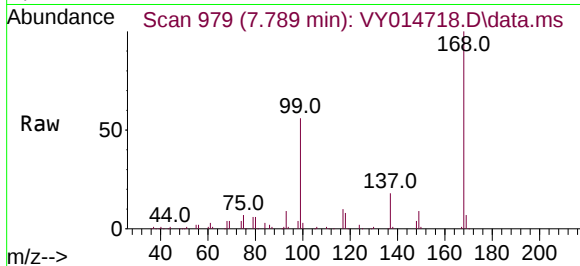




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014718.D
Acq: 20 Jul 2023 14:07

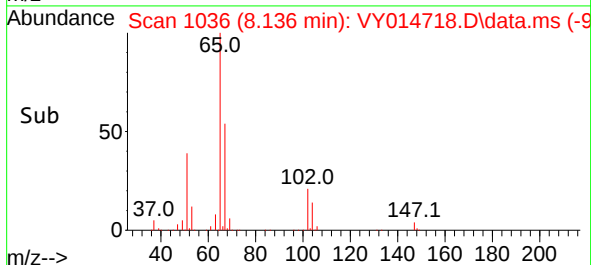
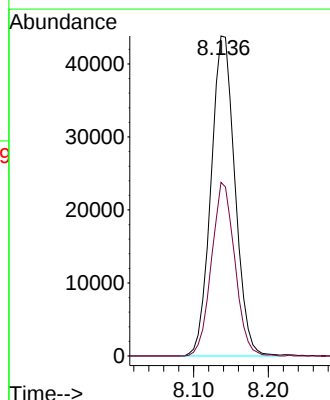
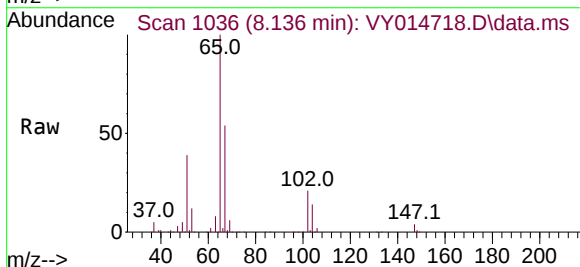
Instrument :
MSVOA_Y
ClientSampleId :
SAMPLE-1

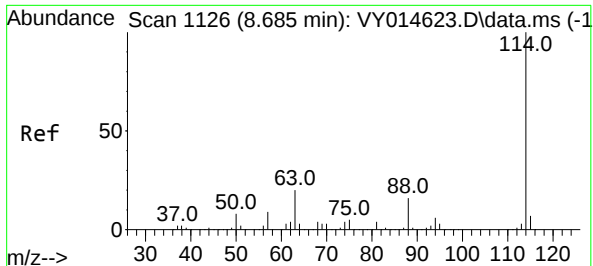
Tgt Ion:168 Resp: 152303
Ion Ratio Lower Upper
168 100
99 55.7 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 56.368 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY014718.D
Acq: 20 Jul 2023 14:07

Tgt Ion: 65 Resp: 97829
Ion Ratio Lower Upper
65 100
67 52.8 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY014718.D

Acq: 20 Jul 2023 14:07

Instrument :

MSVOA_Y

ClientSampleId :

SAMPLE-1

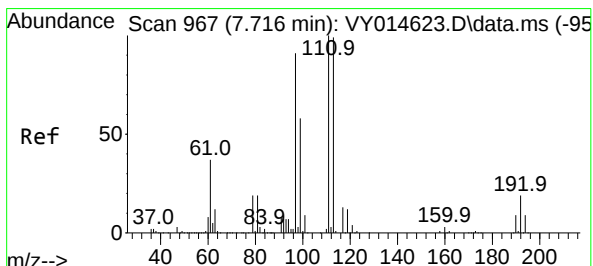
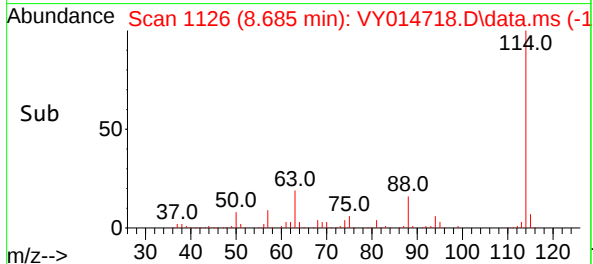
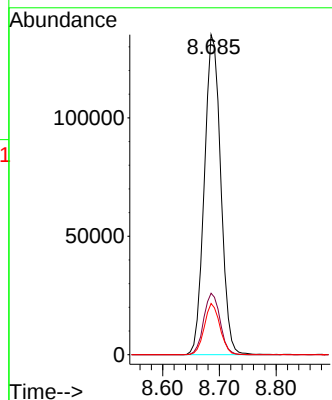
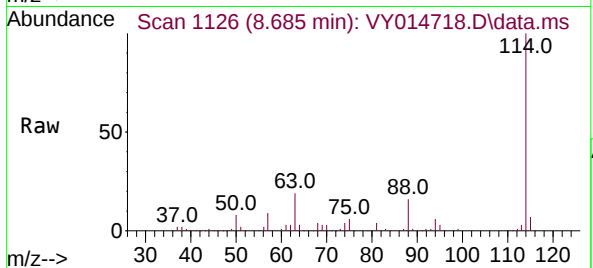
Tgt Ion:114 Resp: 270553

Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.4

88 16.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.247 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY014718.D

Acq: 20 Jul 2023 14:07

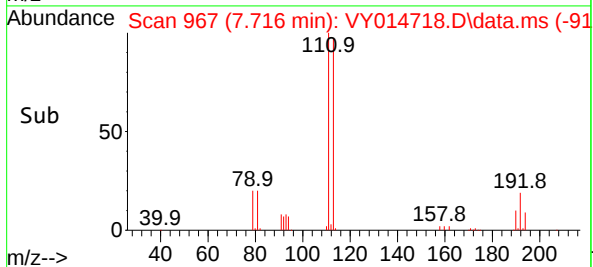
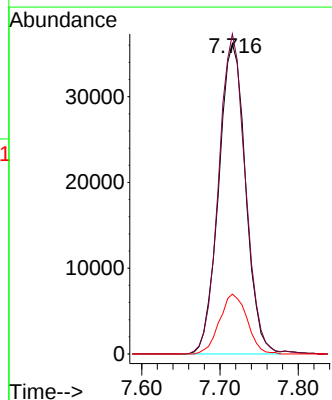
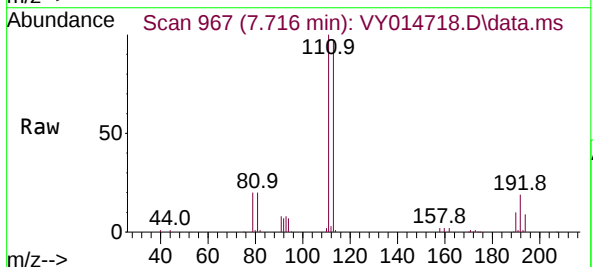
Tgt Ion:113 Resp: 86540

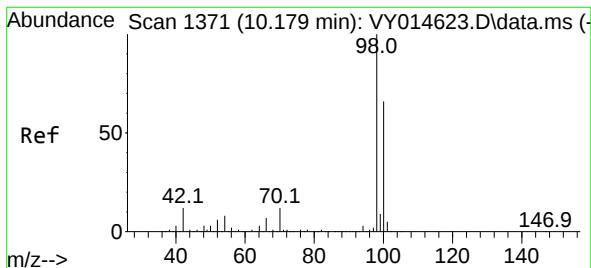
Ion Ratio Lower Upper

113 100

111 102.4 81.3 121.9

192 19.7 16.9 25.3





#50

Toluene-d8

Concen: 50.455 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY014718.D

Acq: 20 Jul 2023 14:07

Instrument :

MSVOA_Y

ClientSampleId :

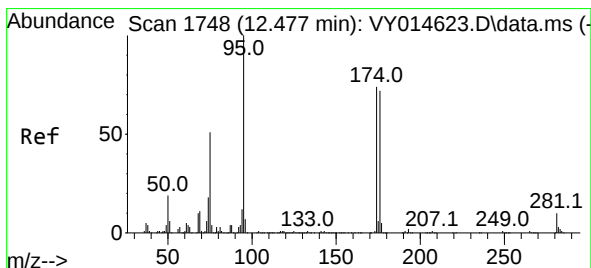
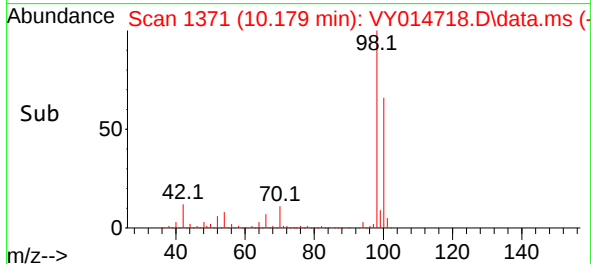
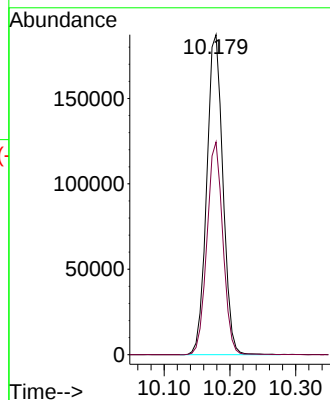
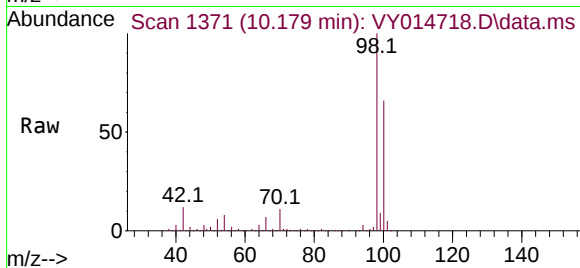
SAMPLE-1

Tgt Ion: 98 Resp: 320375

Ion Ratio Lower Upper

98 100

100 65.4 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 49.472 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY014718.D

Acq: 20 Jul 2023 14:07

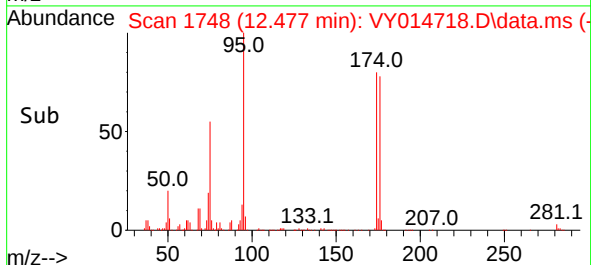
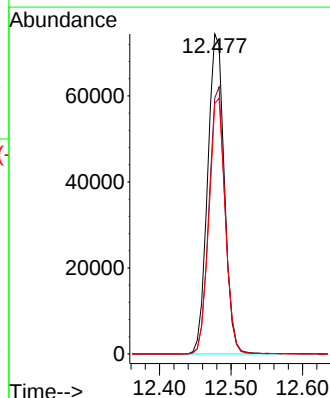
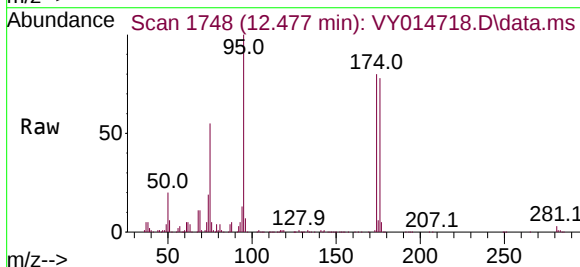
Tgt Ion: 95 Resp: 120449

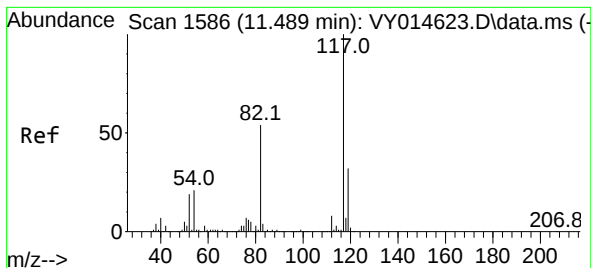
Ion Ratio Lower Upper

95 100

174 80.6 0.0 178.2

176 78.4 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY014718.D

Acq: 20 Jul 2023 14:07

Instrument :

MSVOA_Y

ClientSampleId :

SAMPLE-1

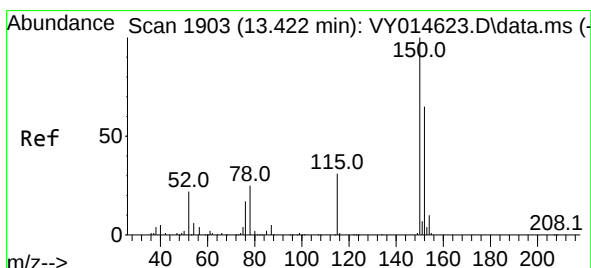
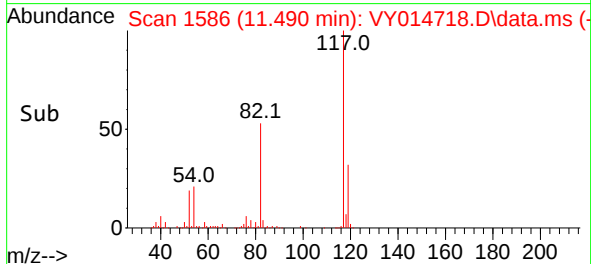
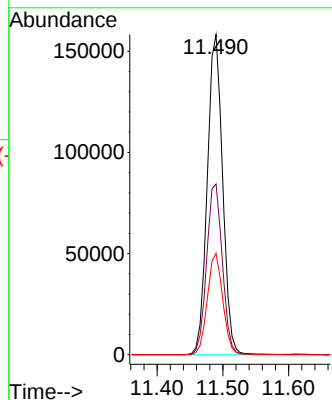
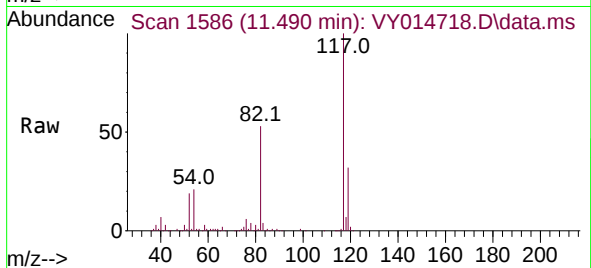
Tgt Ion:117 Resp: 256787

Ion Ratio Lower Upper

117 100

82 53.4 43.4 65.0

119 31.7 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY014718.D

Acq: 20 Jul 2023 14:07

Tgt Ion:152 Resp: 121659

Ion Ratio Lower Upper

152 100

115 59.2 28.8 86.5

150 157.0 0.0 348.8

