

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050125\
 Data File : VY022096.D
 Acq On : 01 May 2025 10:11
 Operator : SY/MD
 Sample : VY0501SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0501SBL01

Quant Time: May 01 12:53:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	317996	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	585580	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	508953	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	180066	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	144517	49.201	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.400%
35) Dibromofluoromethane	7.634	113	195715	50.590	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.180%
50) Toluene-d8	10.109	98	696910	47.783	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.560%
62) 4-Bromofluorobenzene	12.407	95	260745	53.107	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	106.220%

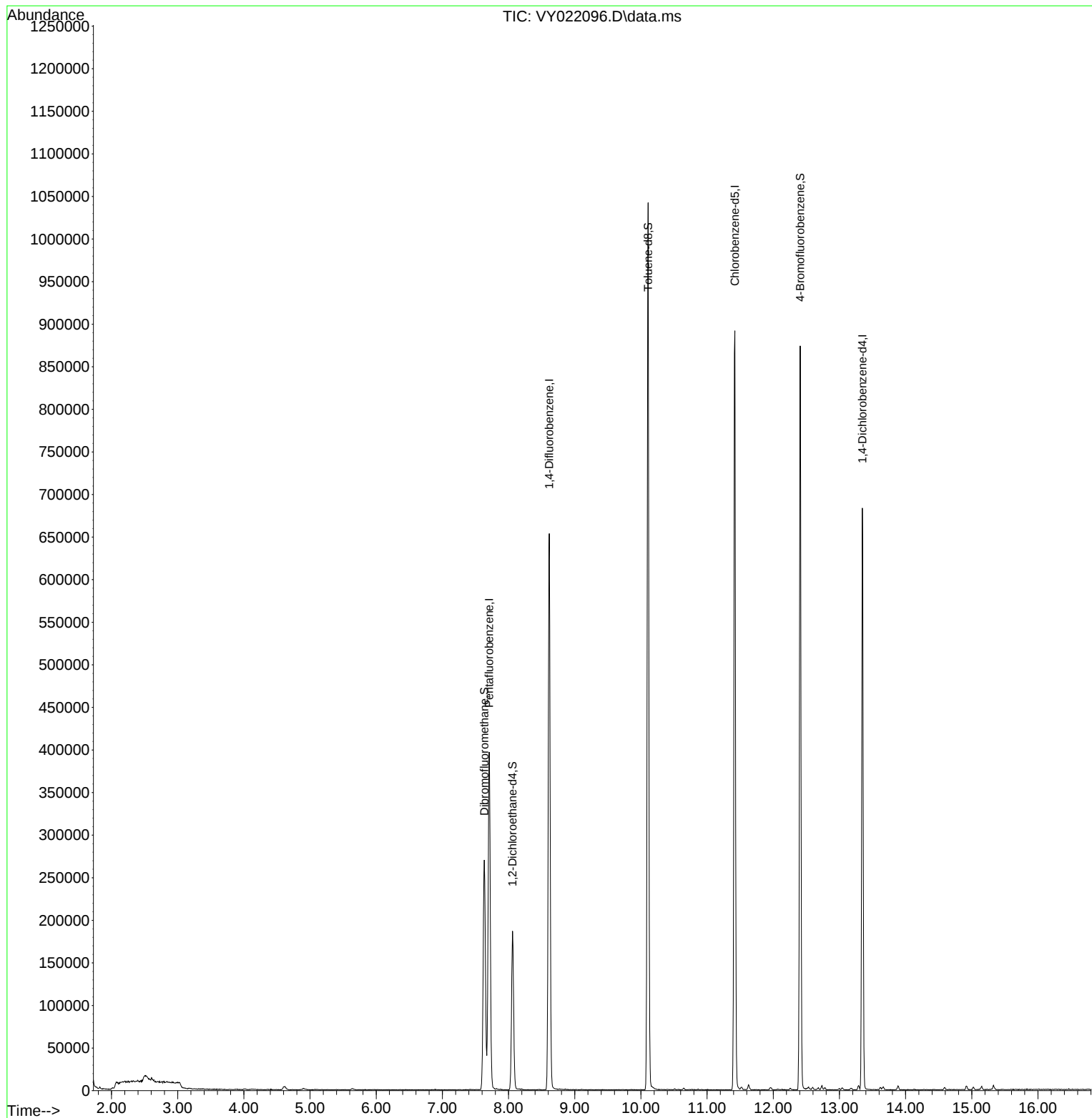
Target Compounds	Qvalue

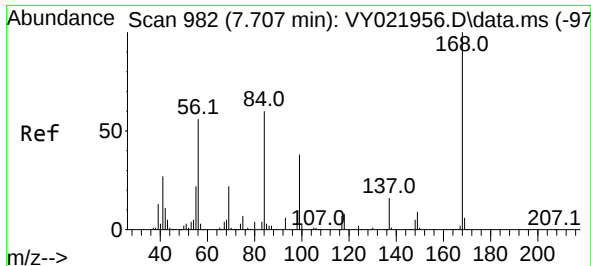
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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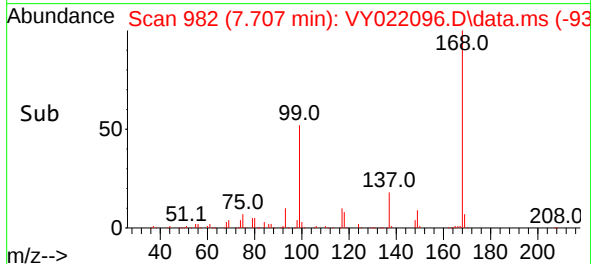
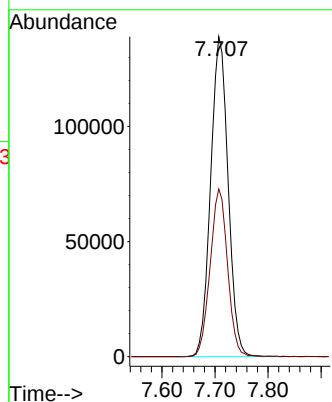
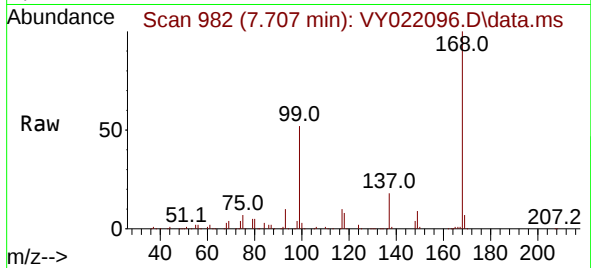




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.000 min
Lab File: VY022096.D
Acq: 01 May 2025 10:11

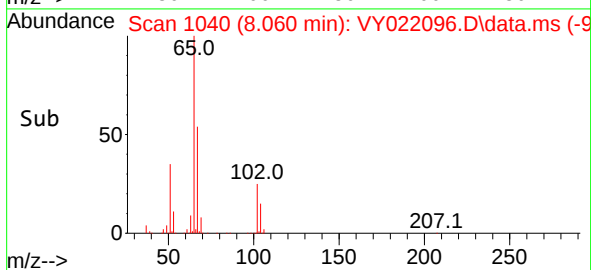
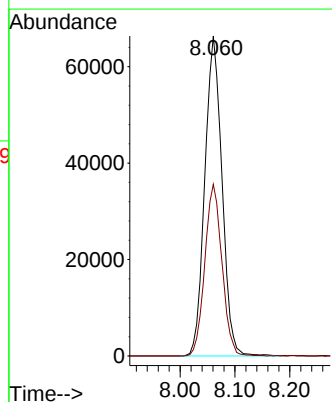
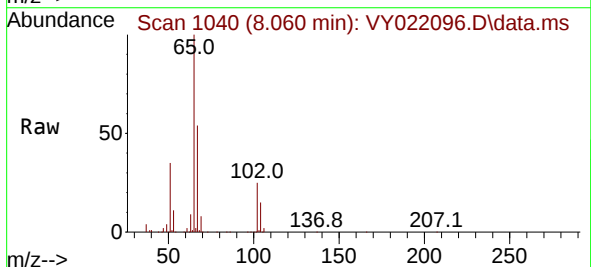
Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBL01

Tgt Ion:168 Resp: 317996
Ion Ratio Lower Upper
168 100
99 52.4 43.1 64.7



#33
1,2-Dichloroethane-d4
Concen: 49.201 ug/l
RT: 8.060 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY022096.D
Acq: 01 May 2025 10:11

Tgt Ion: 65 Resp: 144517
Ion Ratio Lower Upper
65 100
67 53.4 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022096.D

Acq: 01 May 2025 10:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0501SBL01

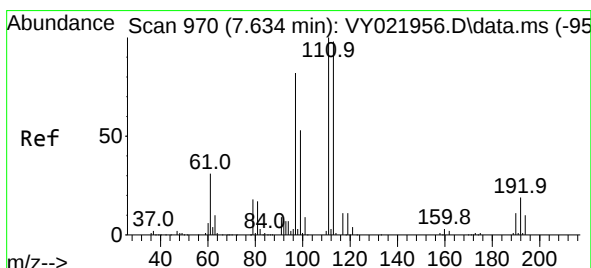
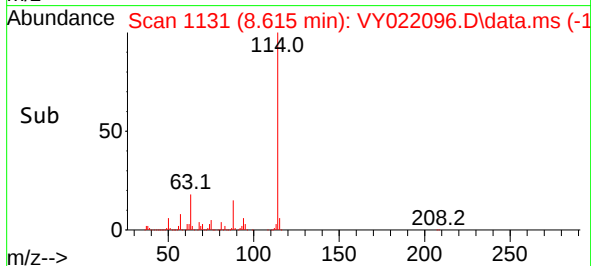
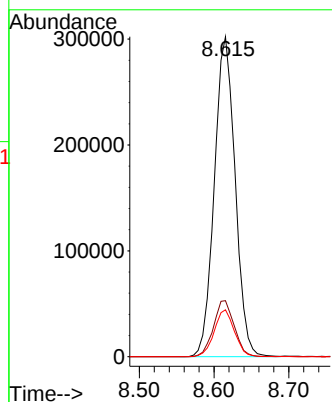
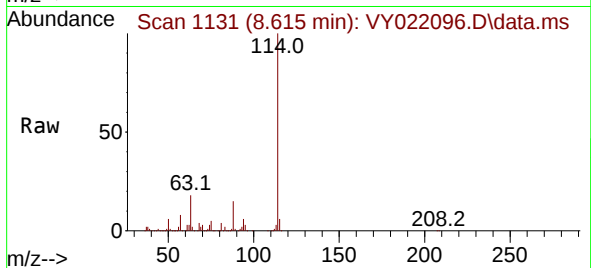
Tgt Ion:114 Resp: 585580

Ion Ratio Lower Upper

114 100

63 17.5 0.0 35.4

88 14.7 0.0 28.2



#35

Dibromofluoromethane

Concen: 50.590 ug/l

RT: 7.634 min Scan# 970

Delta R.T. -0.000 min

Lab File: VY022096.D

Acq: 01 May 2025 10:11

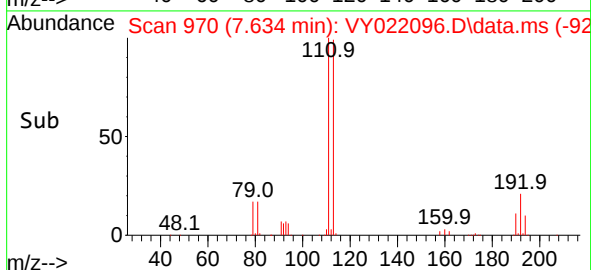
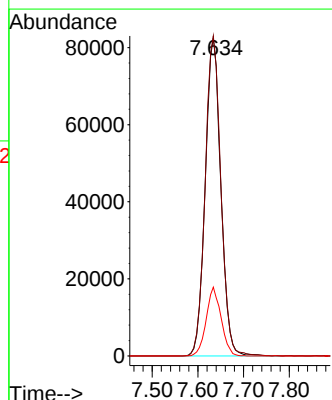
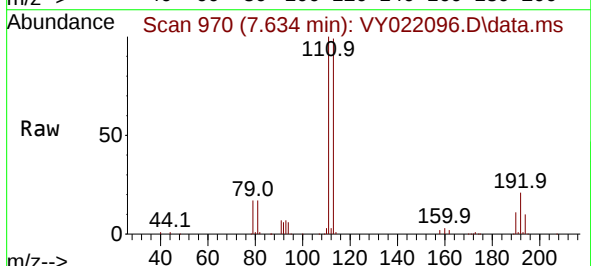
Tgt Ion:113 Resp: 195715

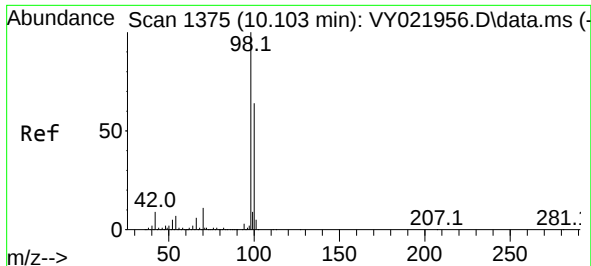
Ion Ratio Lower Upper

113 100

111 101.2 81.8 122.8

192 20.6 15.6 23.4

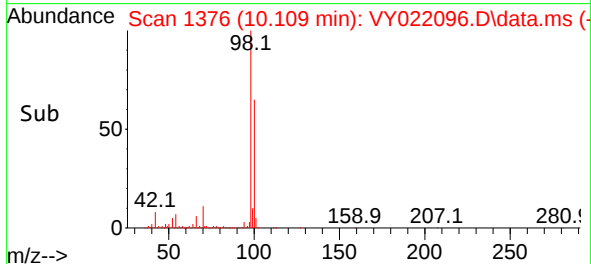
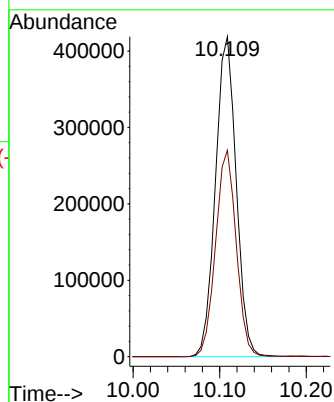
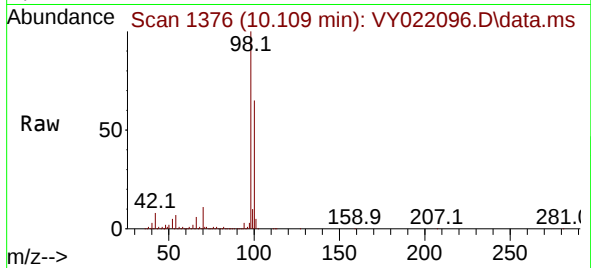




#50
Toluene-d8
Concen: 47.783 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY022096.D
Acq: 01 May 2025 10:11

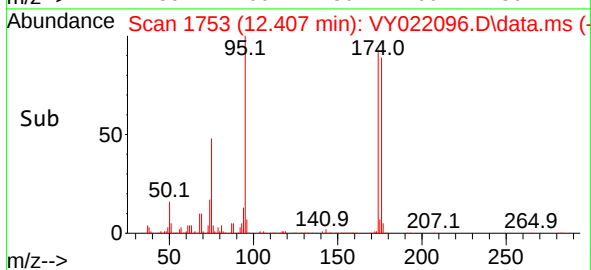
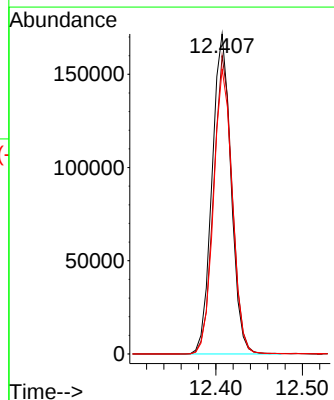
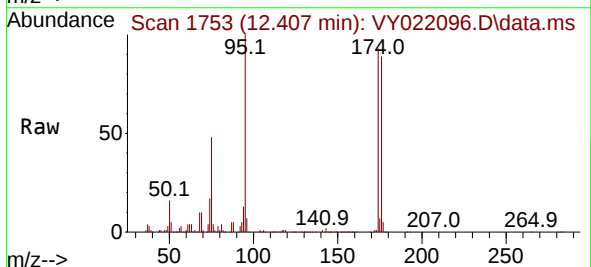
Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBL01

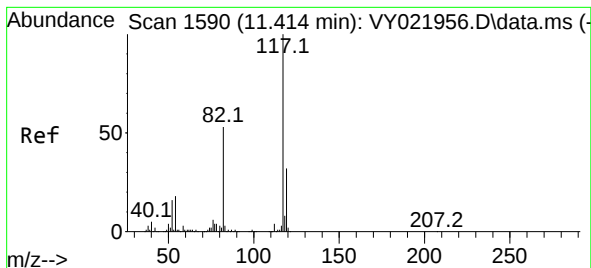
Tgt Ion: 98 Resp: 696910
Ion Ratio Lower Upper
98 100
100 64.2 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 53.107 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY022096.D
Acq: 01 May 2025 10:11

Tgt Ion: 95 Resp: 260745
Ion Ratio Lower Upper
95 100
174 91.9 0.0 179.0
176 88.4 0.0 171.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY022096.D

Acq: 01 May 2025 10:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0501SBL01

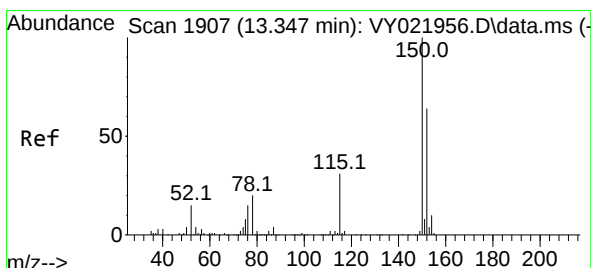
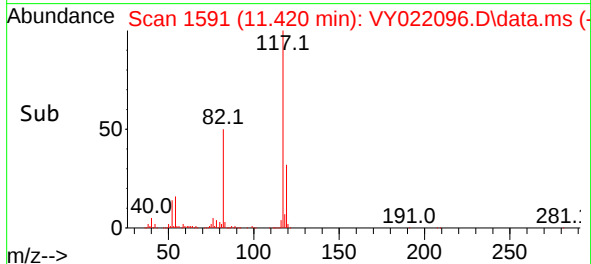
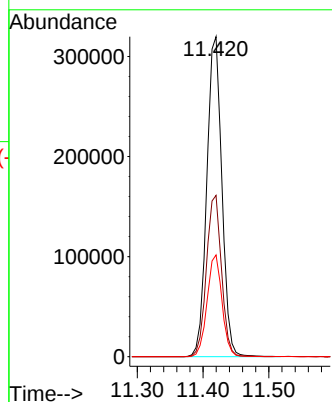
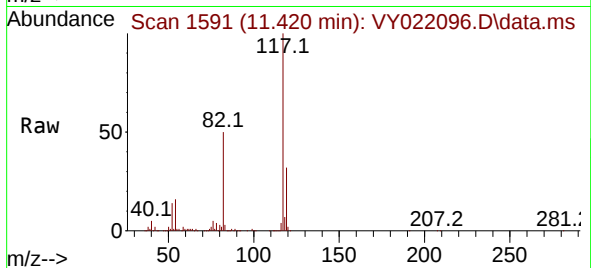
Tgt Ion:117 Resp: 508953

Ion Ratio Lower Upper

117 100

82 50.4 42.1 63.1

119 31.8 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY022096.D

Acq: 01 May 2025 10:11

Tgt Ion:152 Resp: 180066

Ion Ratio Lower Upper

152 100

115 55.9 28.0 84.0

150 156.0 0.0 345.6

