

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020425\
 Data File : VY021060.D
 Acq On : 04 Feb 2025 15:50
 Operator : SY/MD
 Sample : Q1232-17
 Misc : 13.39g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 JPP-51.1-012925

Quant Time: Feb 05 00:48:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	149686	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	283416	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	268362	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	112142	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	100353	65.434	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 130.860%	
35) Dibromofluoromethane	7.634	113	97622	53.747	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.500%	
50) Toluene-d8	10.103	98	353084	51.062	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.120%	
62) 4-Bromofluorobenzene	12.408	95	115176	50.984	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.960%	

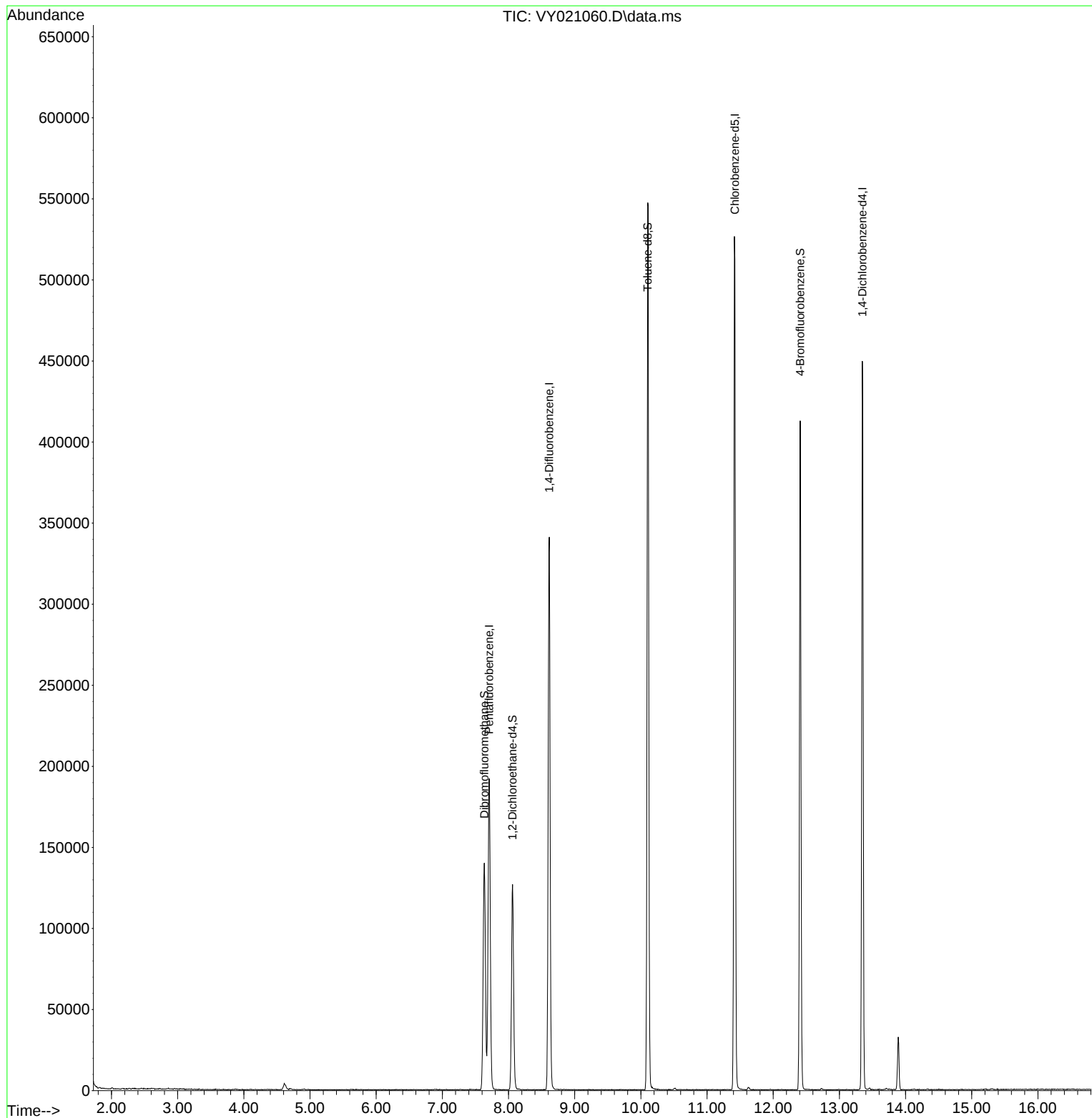
Target Compounds	Qvalue

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

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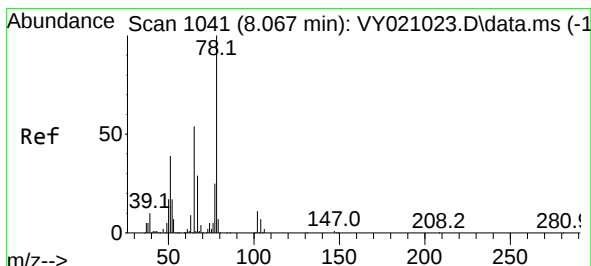
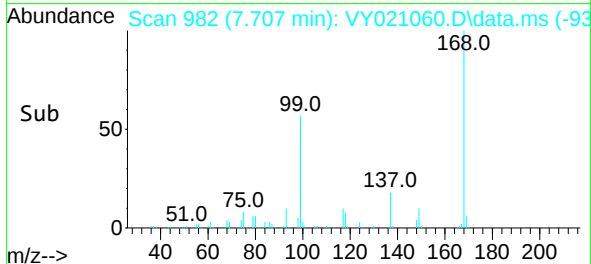
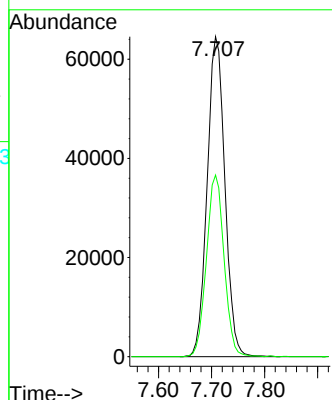
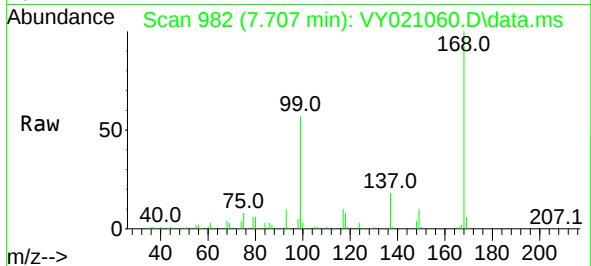




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021060.D
Acq: 04 Feb 2025 15:50

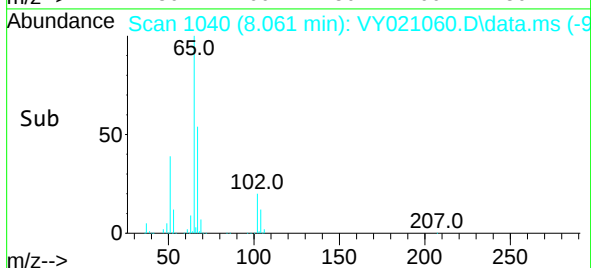
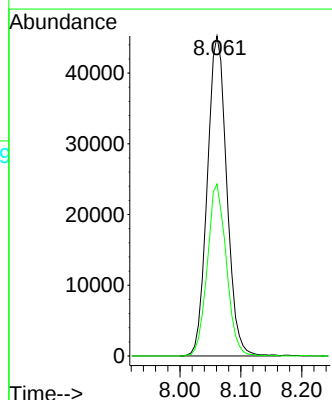
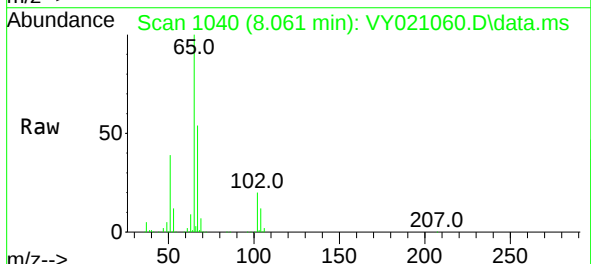
Instrument :
MSVOA_Y
ClientSampleId :
JPP-51.1-012925

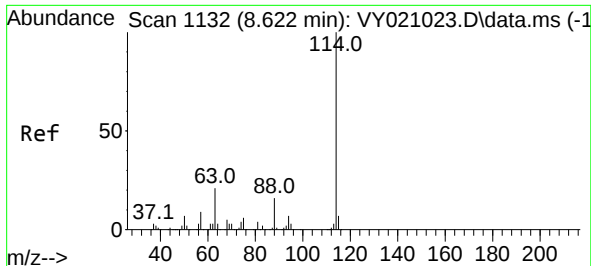
Tgt Ion:168 Resp: 149686
Ion Ratio Lower Upper
168 100
99 56.7 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 65.434 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021060.D
Acq: 04 Feb 2025 15:50

Tgt Ion: 65 Resp: 100353
Ion Ratio Lower Upper
65 100
67 52.4 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1132

Delta R.T. -0.006 min

Lab File: VY021060.D

Acq: 04 Feb 2025 15:50

Instrument :

MSVOA_Y

ClientSampleId :

JPP-51.1-012925

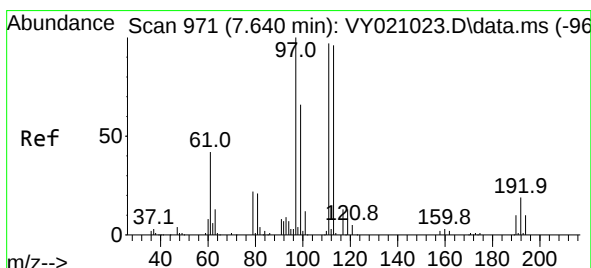
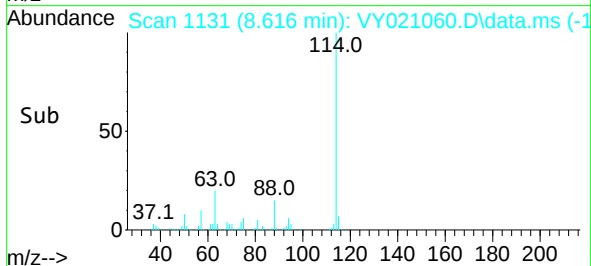
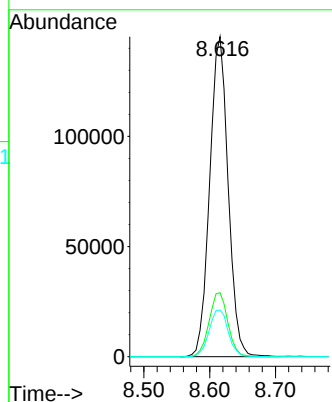
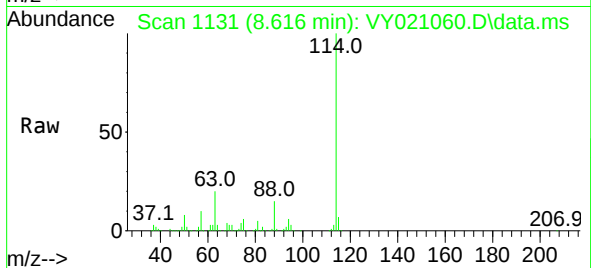
Tgt Ion:114 Resp: 283416

Ion Ratio Lower Upper

114 100

63 20.0 0.0 37.4

88 14.6 0.0 29.0



#35

Dibromofluoromethane

Concen: 53.747 ug/l

RT: 7.634 min Scan# 970

Delta R.T. -0.006 min

Lab File: VY021060.D

Acq: 04 Feb 2025 15:50

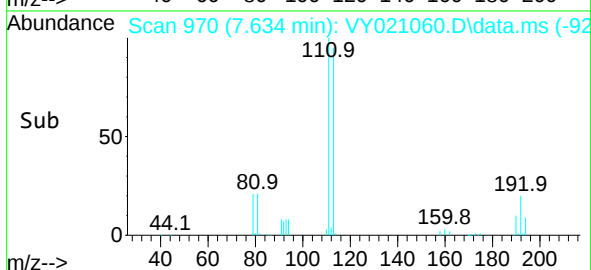
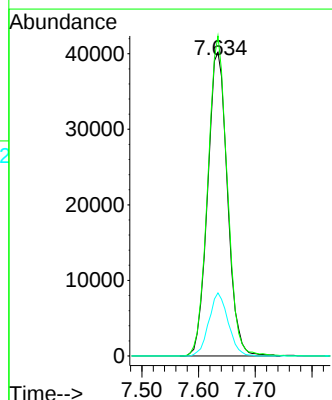
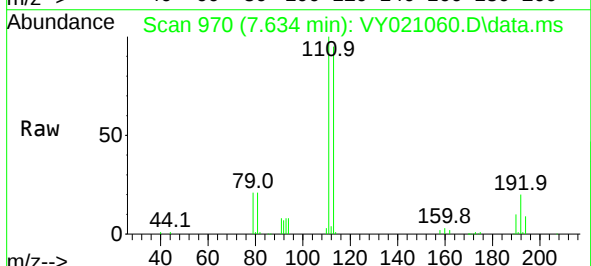
Tgt Ion:113 Resp: 97622

Ion Ratio Lower Upper

113 100

111 103.3 83.8 125.6

192 20.2 14.5 21.7

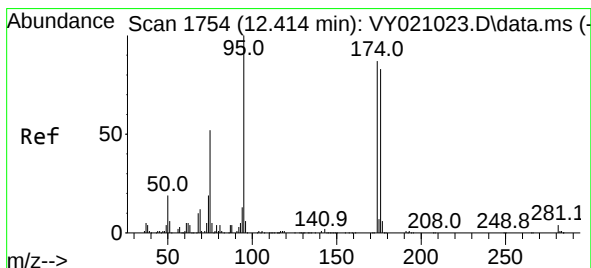
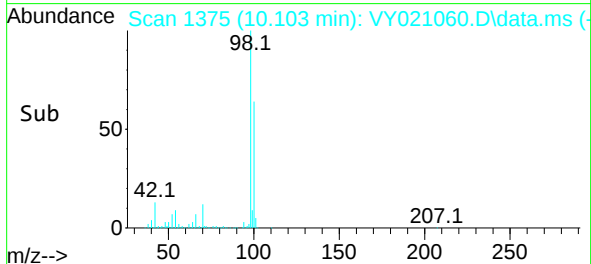
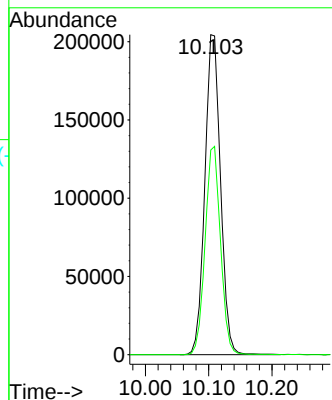
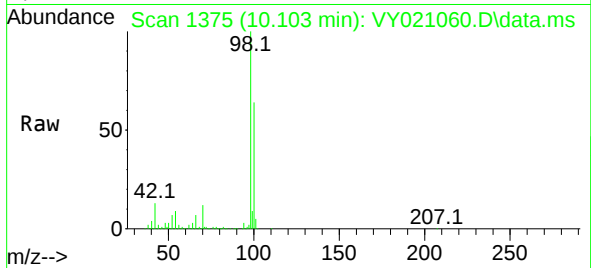




#50
Toluene-d8
Concen: 51.062 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021060.D
Acq: 04 Feb 2025 15:50

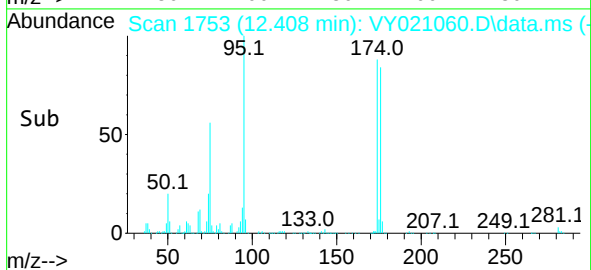
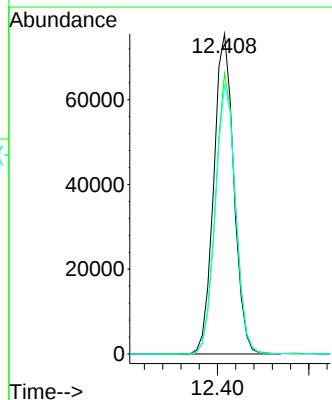
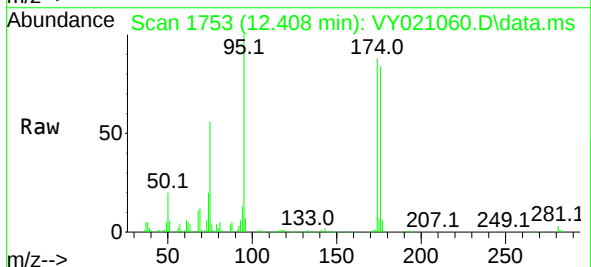
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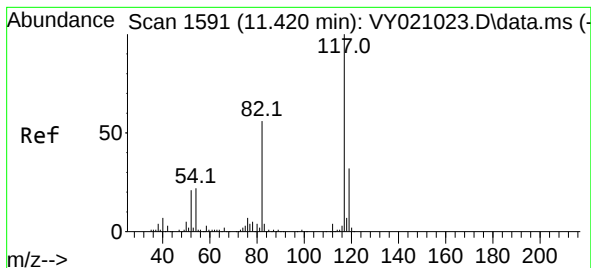
Tgt Ion: 98 Resp: 353084
Ion Ratio Lower Upper
98 100
100 64.0 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 50.984 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY021060.D
Acq: 04 Feb 2025 15:50

Tgt Ion: 95 Resp: 115176
Ion Ratio Lower Upper
95 100
174 87.5 0.0 160.0
176 84.8 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY021060.D

Acq: 04 Feb 2025 15:50

Instrument :

MSVOA_Y

ClientSampleId :

JPP-51.1-012925

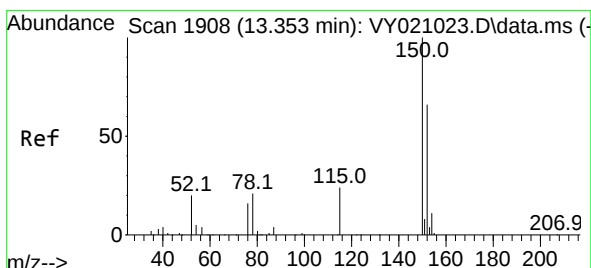
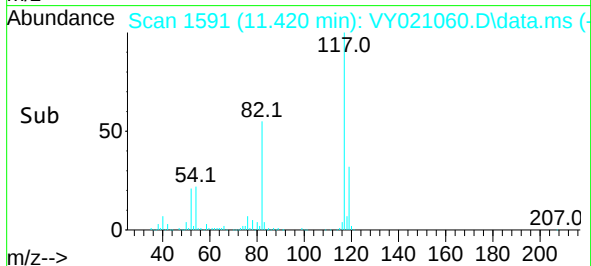
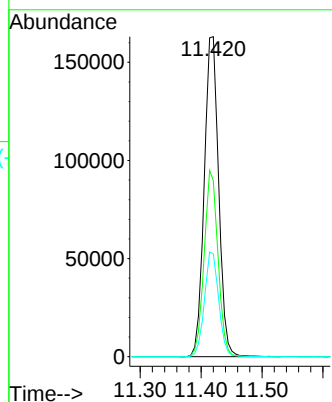
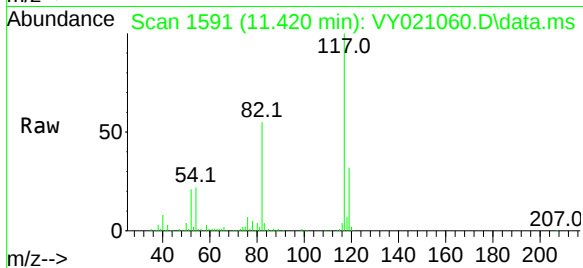
Tgt Ion:117 Resp: 268362

Ion Ratio Lower Upper

117 100

82 55.0 43.8 65.8

119 32.2 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY021060.D

Acq: 04 Feb 2025 15:50

Tgt Ion:152 Resp: 112142

Ion Ratio Lower Upper

152 100

115 58.3 30.0 90.0

150 156.2 0.0 344.6

