

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082224\
 Data File : VY019222.D
 Acq On : 22 Aug 2024 15:56
 Operator : SY/MD
 Sample : P3671-01
 Misc : 5.69g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-904-J-SO-0-0.5-081924

Quant Time: Aug 23 01:54:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.695	168	90624	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	146100	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	154172	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	57008	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.048	65	51178	56.336	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.680%
35) Dibromofluoromethane	7.622	113	52492	54.949	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.900%
50) Toluene-d8	10.103	98	196671	57.209	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	114.420%
62) 4-Bromofluorobenzene	12.407	95	58618	50.019	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	100.040%

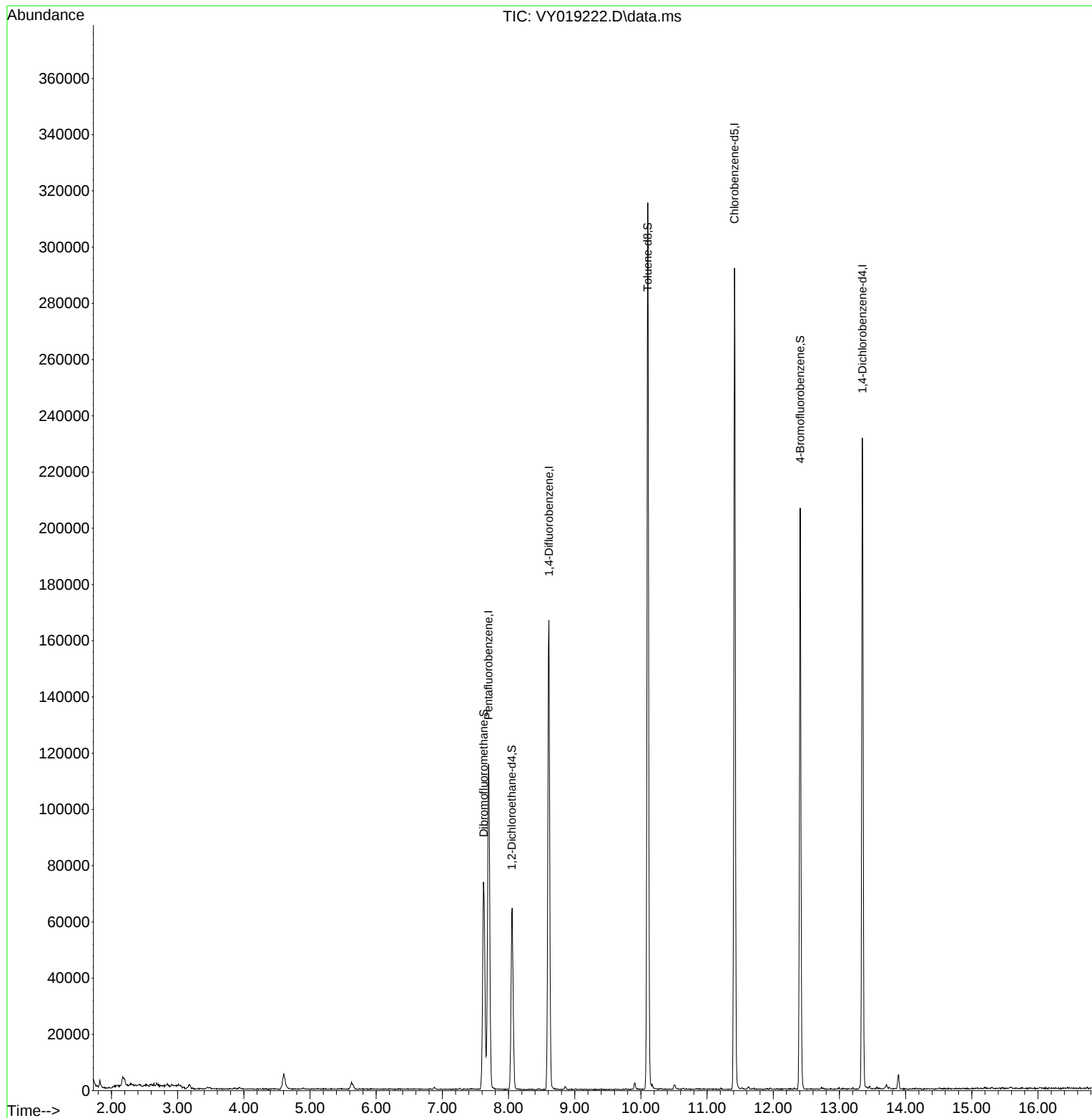
Target Compounds	Qvalue

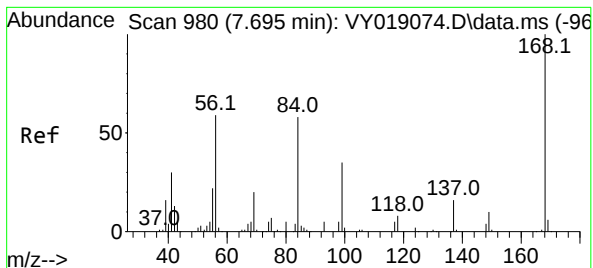
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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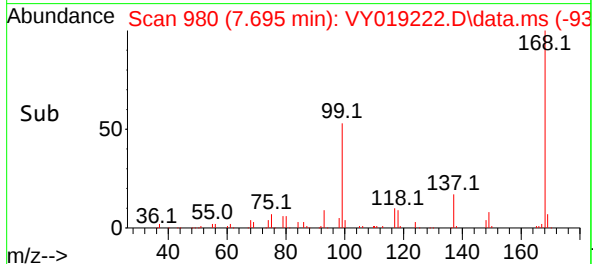
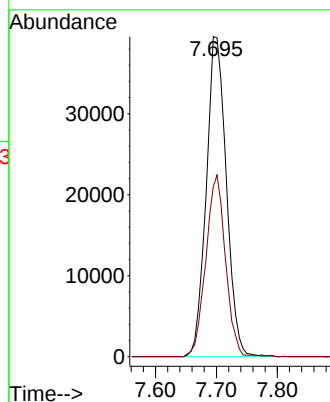
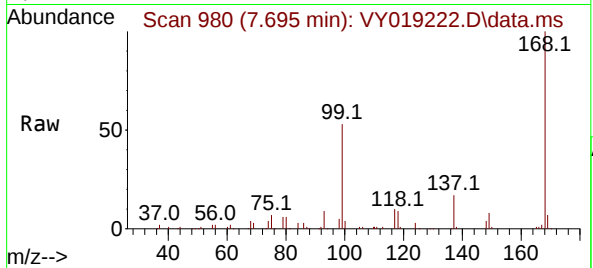




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY019222.D
Acq: 22 Aug 2024 15:56

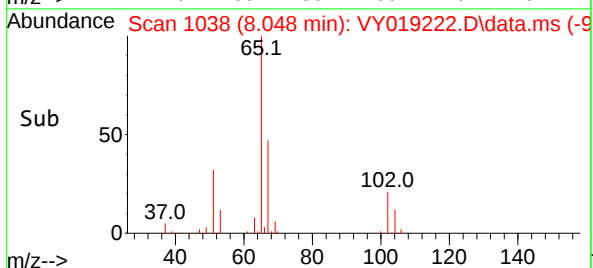
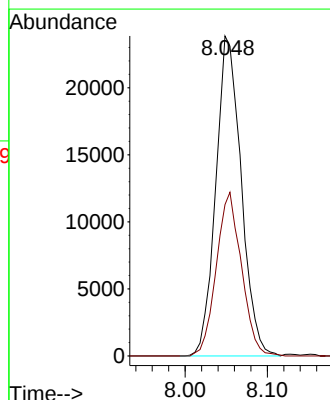
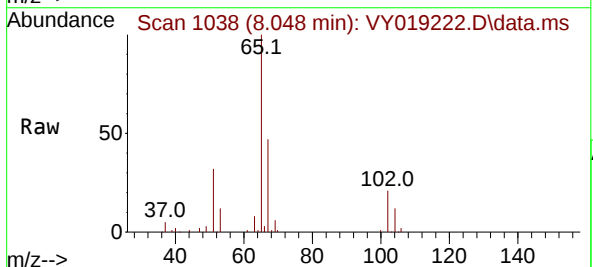
Instrument :
MSVOA_Y
ClientSampleId :
S-904-J-SO-0-0.5-081924

Tgt Ion:168 Resp: 90624
Ion Ratio Lower Upper
168 100
99 53.1 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 56.336 ug/l
RT: 8.048 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY019222.D
Acq: 22 Aug 2024 15:56

Tgt Ion: 65 Resp: 51178
Ion Ratio Lower Upper
65 100
67 50.6 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY019222.D

Acq: 22 Aug 2024 15:56

Instrument :

MSVOA_Y

ClientSampleId :

S-904-J-SO-0-0.5-081924

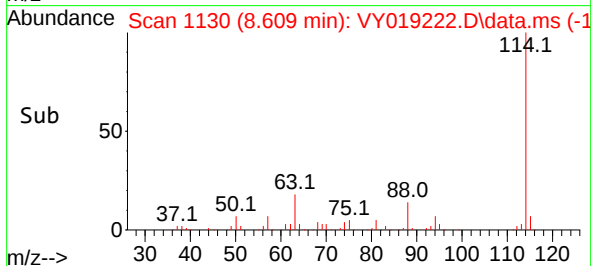
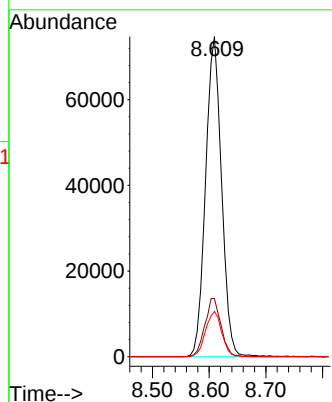
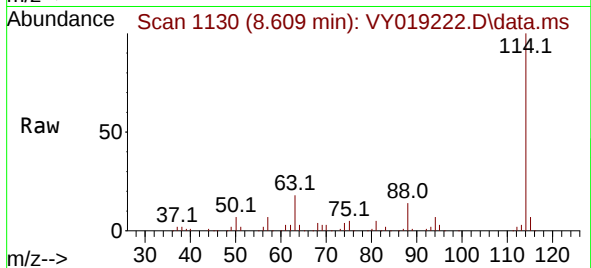
Tgt Ion:114 Resp: 146100

Ion Ratio Lower Upper

114 100

63 18.1 0.0 35.0

88 14.2 0.0 27.2



#35

Dibromofluoromethane

Concen: 54.949 ug/l

RT: 7.622 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY019222.D

Acq: 22 Aug 2024 15:56

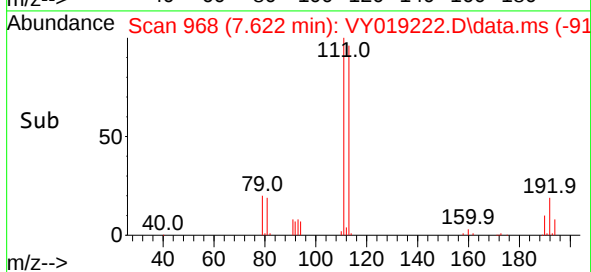
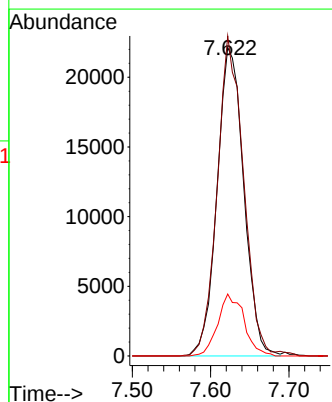
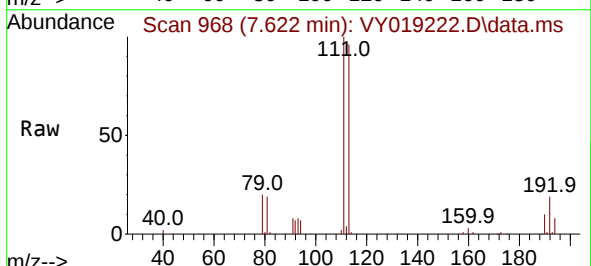
Tgt Ion:113 Resp: 52492

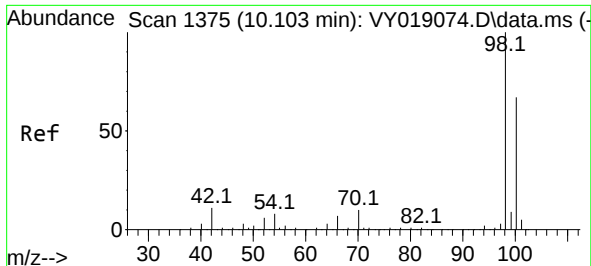
Ion Ratio Lower Upper

113 100

111 102.4 82.2 123.4

192 19.7 15.9 23.9

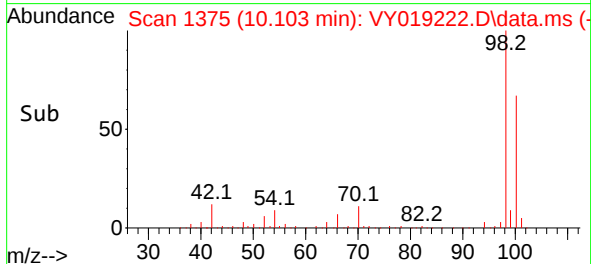
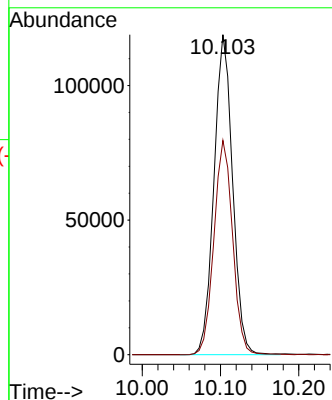
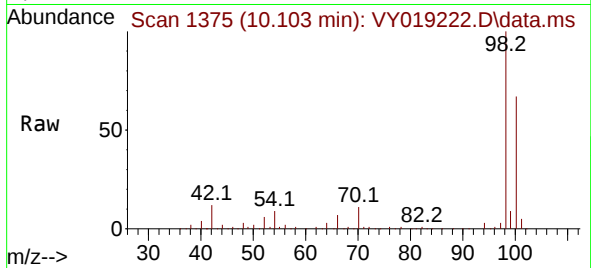




#50
Toluene-d8
Concen: 57.209 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019222.D
Acq: 22 Aug 2024 15:56

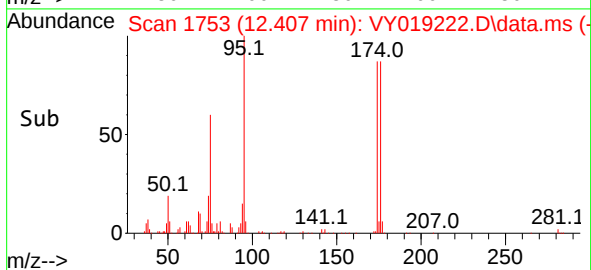
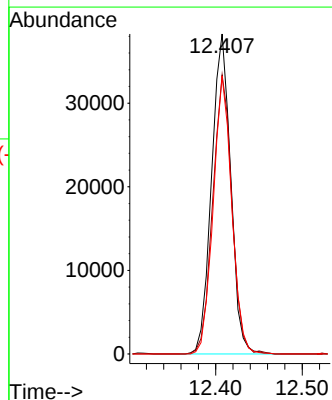
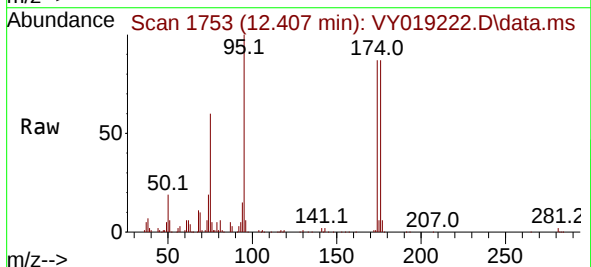
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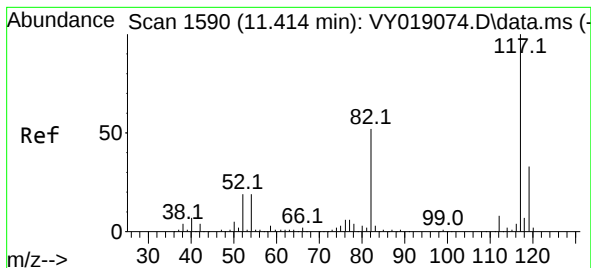
Tgt Ion: 98 Resp: 196671
Ion Ratio Lower Upper
98 100
100 67.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 50.019 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019222.D
Acq: 22 Aug 2024 15:56

Tgt Ion: 95 Resp: 58618
Ion Ratio Lower Upper
95 100
174 87.4 0.0 175.6
176 84.3 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019222.D

Acq: 22 Aug 2024 15:56

Instrument :

MSVOA_Y

ClientSampleId :

S-904-J-SO-0-0.5-081924

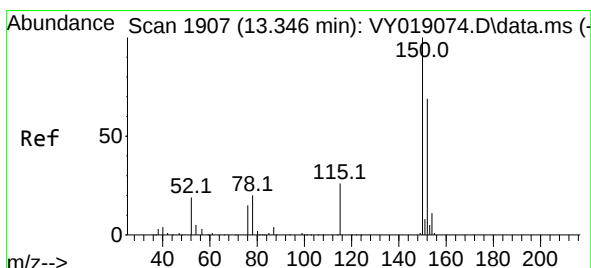
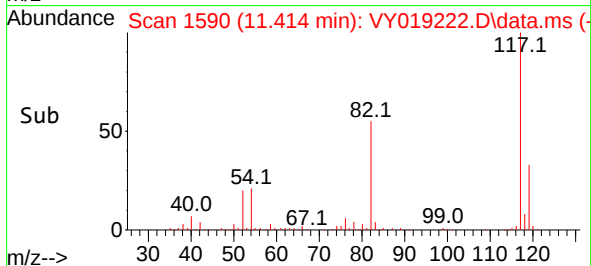
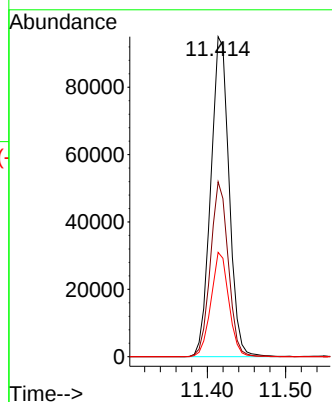
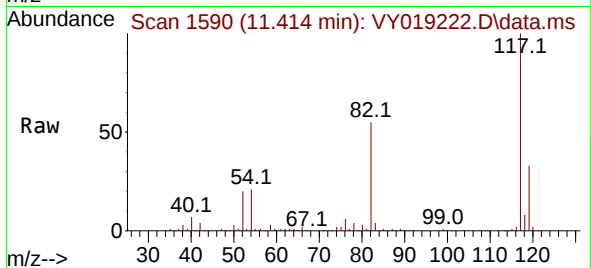
Tgt Ion:117 Resp: 154172

Ion Ratio Lower Upper

117 100

82 54.7 42.4 63.6

119 32.6 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019222.D

Acq: 22 Aug 2024 15:56

Tgt Ion:152 Resp: 57008

Ion Ratio Lower Upper

152 100

115 58.6 28.2 84.7

150 159.0 0.0 345.6

