

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092424\
 Data File : VY019680.D
 Acq On : 24 Sep 2024 14:21
 Operator : SY/MD
 Sample : P4150-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-02-09132024

Quant Time: Sep 25 01:25:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	116512	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	198098	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	150070	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	50634	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	55272	51.231	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.460%
35) Dibromofluoromethane	7.634	113	59450	52.930	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.860%
50) Toluene-d8	10.109	98	219820	52.913	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	105.820%
62) 4-Bromofluorobenzene	12.408	95	61540	38.525	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	77.060%

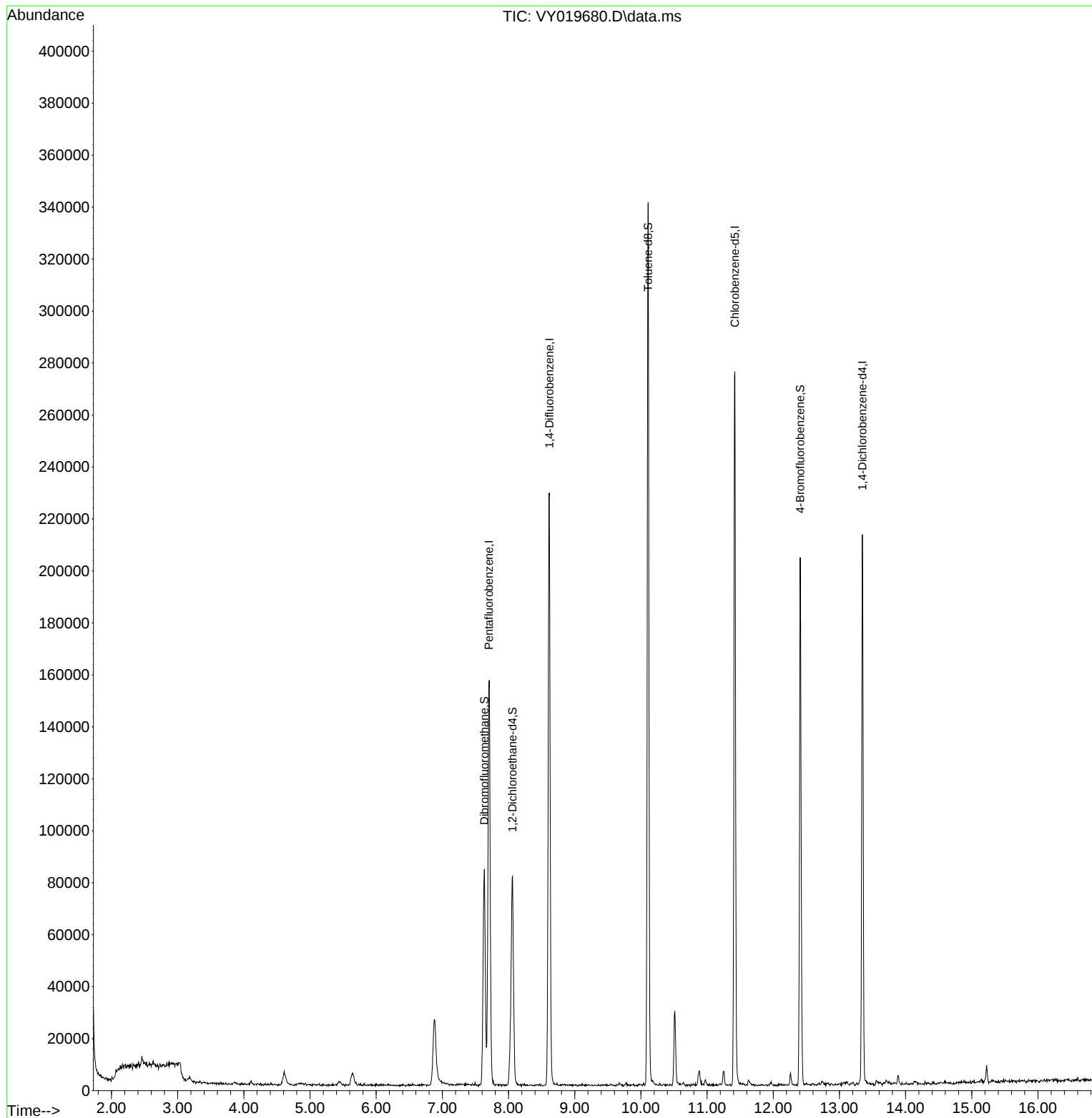
Target Compounds	Qvalue

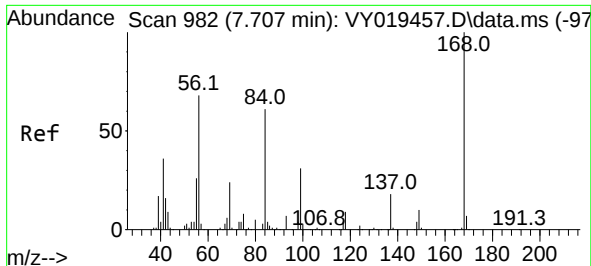
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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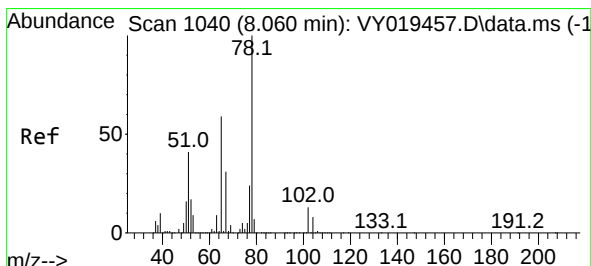
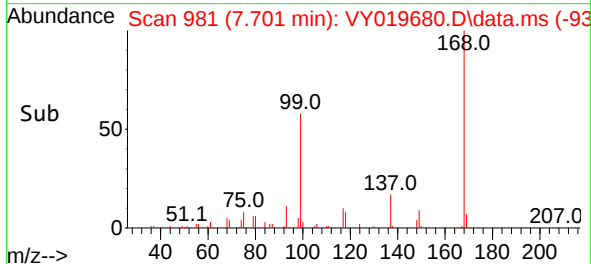
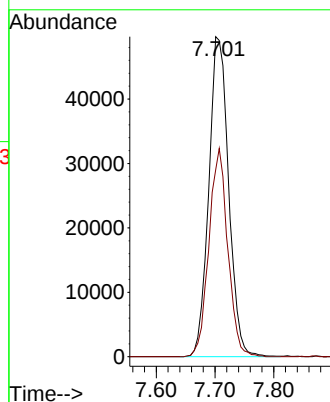
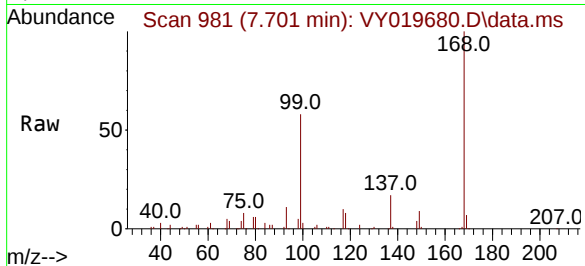




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019680.D
Acq: 24 Sep 2024 14:21

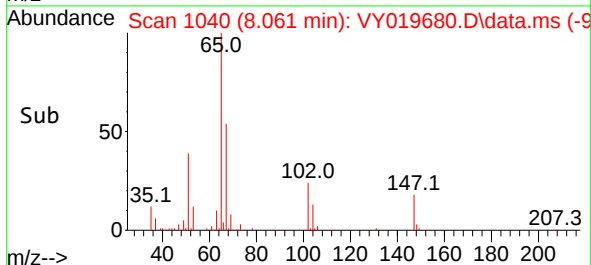
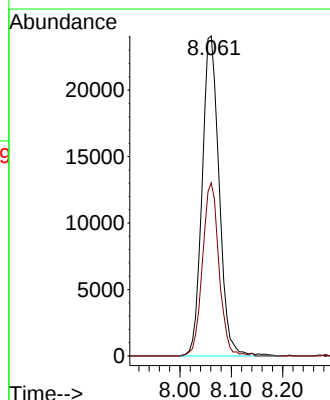
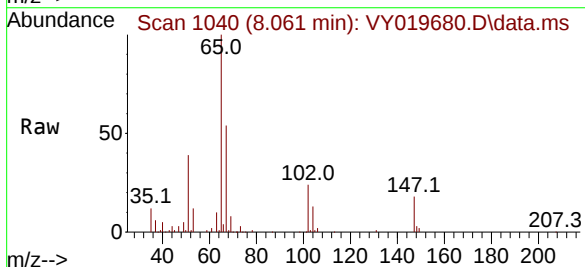
Instrument :
MSVOA_Y
ClientSampleId :
OK-02-09132024

Tgt Ion:168 Resp: 116512
Ion Ratio Lower Upper
168 100
99 58.5 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 51.231 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019680.D
Acq: 24 Sep 2024 14:21

Tgt Ion: 65 Resp: 55272
Ion Ratio Lower Upper
65 100
67 52.6 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019680.D

Acq: 24 Sep 2024 14:21

Instrument :

MSVOA_Y

ClientSampleId :

OK-02-09132024

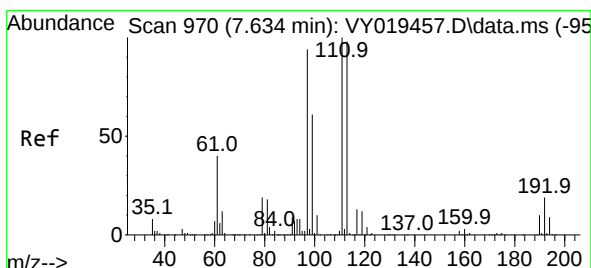
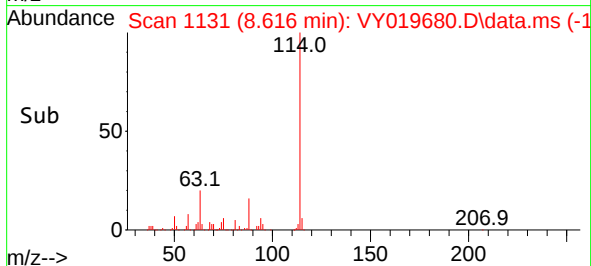
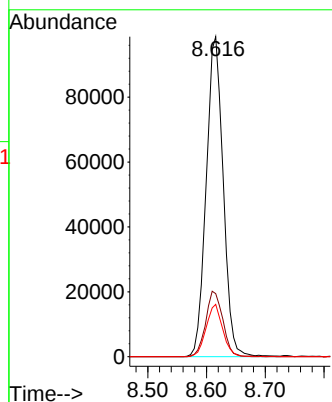
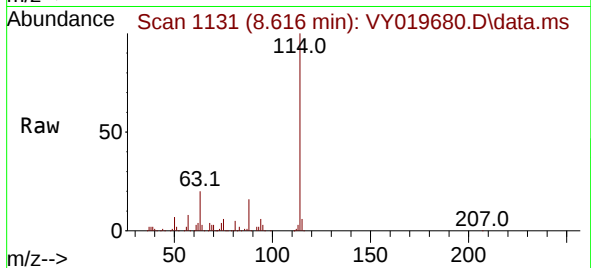
Tgt Ion:114 Resp: 198098

Ion Ratio Lower Upper

114 100

63 19.7 0.0 35.0

88 16.3 0.0 27.2



#35

Dibromofluoromethane

Concen: 52.930 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY019680.D

Acq: 24 Sep 2024 14:21

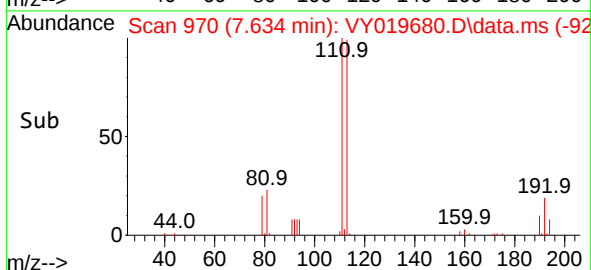
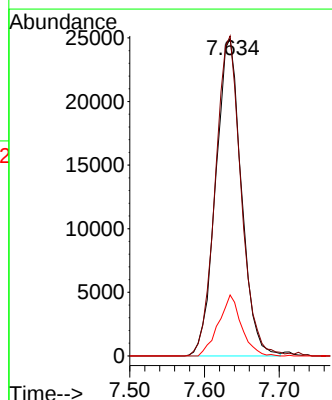
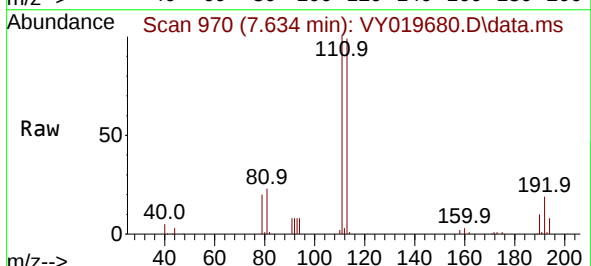
Tgt Ion:113 Resp: 59450

Ion Ratio Lower Upper

113 100

111 101.5 82.2 123.4

192 17.2 15.9 23.9

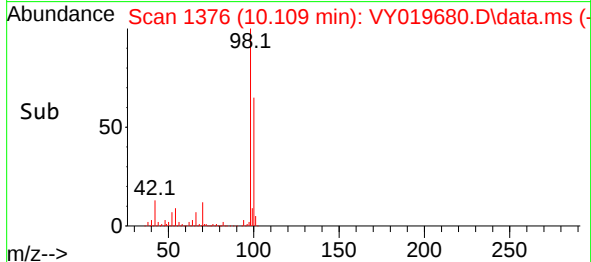
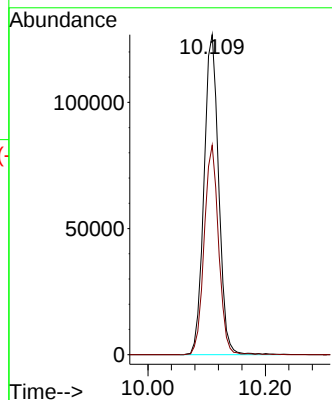
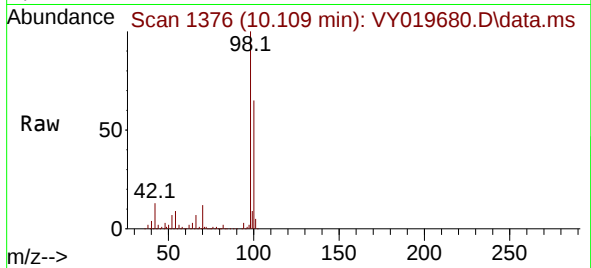




#50
Toluene-d8
Concen: 52.913 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY019680.D
Acq: 24 Sep 2024 14:21

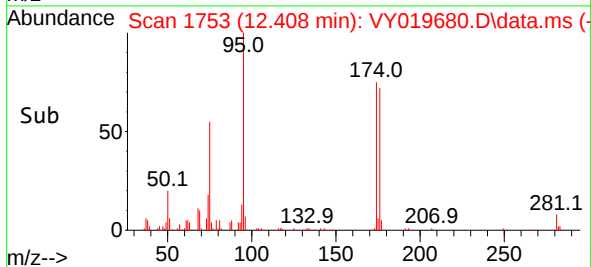
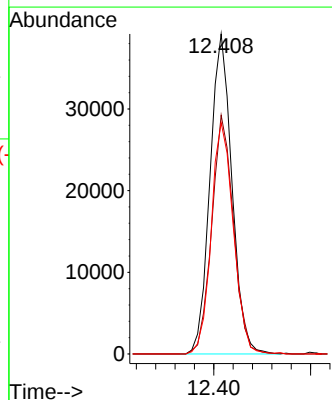
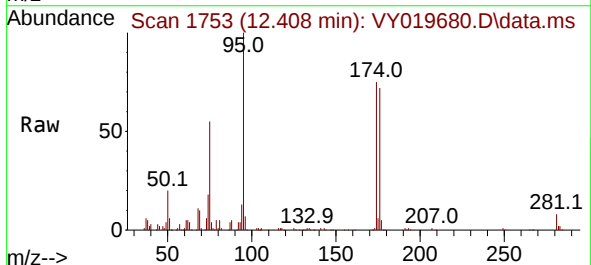
Instrument :
MSVOA_Y
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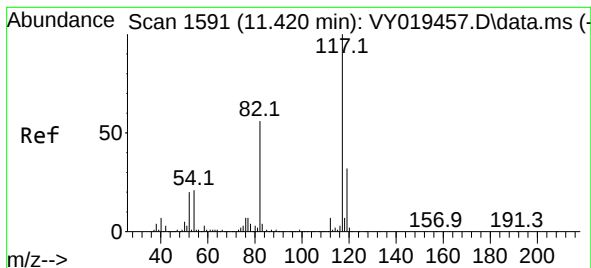
Tgt Ion: 98 Resp: 219820
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 38.525 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019680.D
Acq: 24 Sep 2024 14:21

Tgt Ion: 95 Resp: 61540
Ion Ratio Lower Upper
95 100
174 74.3 0.0 175.6
176 73.1 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019680.D

Acq: 24 Sep 2024 14:21

Instrument :

MSVOA_Y

ClientSampleId :

OK-02-09132024

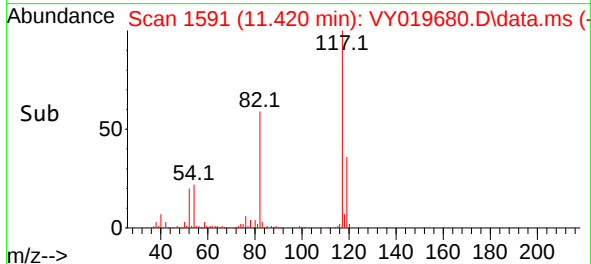
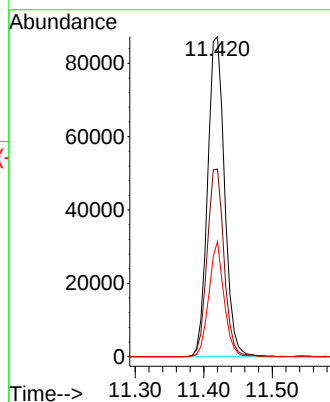
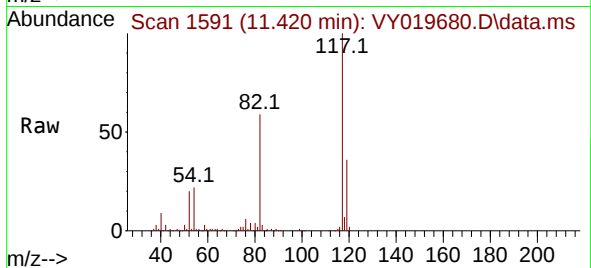
Tgt Ion:117 Resp: 150070

Ion Ratio Lower Upper

117 100

82 58.7 42.4 63.6

119 36.0 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019680.D

Acq: 24 Sep 2024 14:21

Tgt Ion:152 Resp: 50634

Ion Ratio Lower Upper

152 100

115 61.0 28.2 84.7

150 155.5 0.0 345.6

