

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061423\
 Data File : VY014155.D
 Acq On : 14 Jun 2023 15:53
 Operator : KP/MD
 Sample : VY0614SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0614SBL01

Quant Time: Jun 15 01:41:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	183010	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	290056	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	271479	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	138772	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	128672	50.490	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.980%
35) Dibromofluoromethane	7.722	113	107166	52.098	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.200%
50) Toluene-d8	10.179	98	353331	45.945	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.880%
62) 4-Bromofluorobenzene	12.483	95	126739	46.393	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.780%

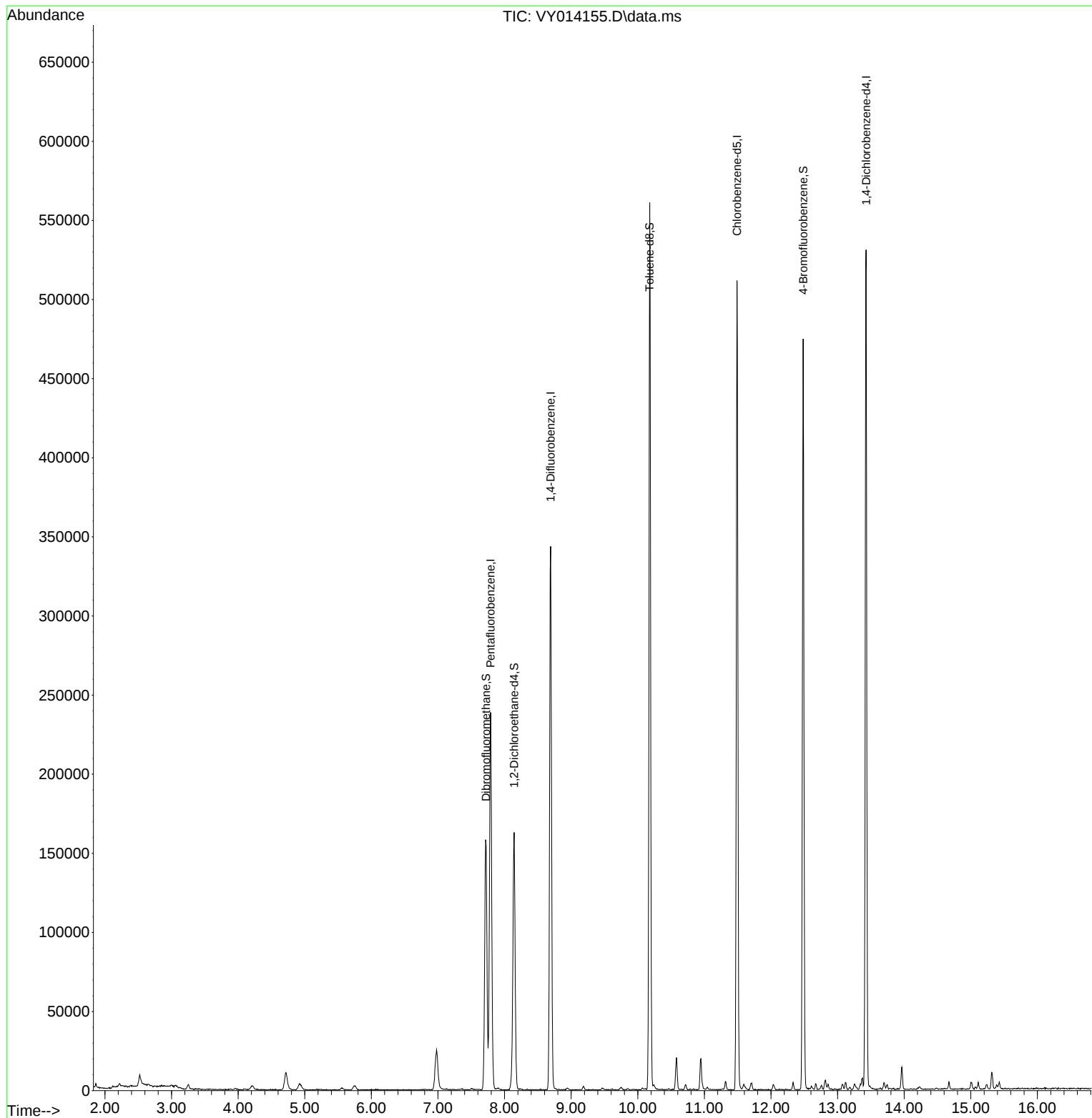
Target Compounds	Qvalue

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

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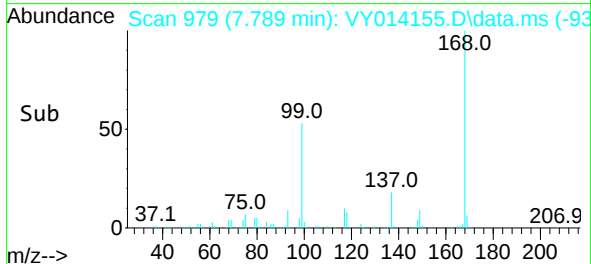
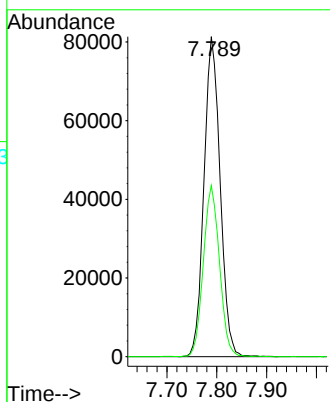
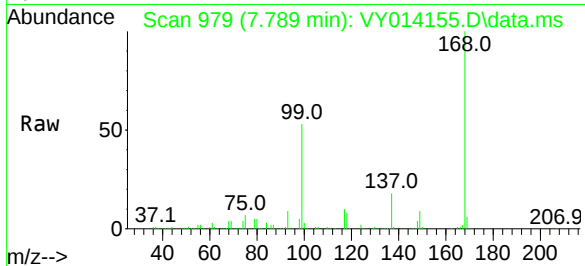




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY014155.D
Acq: 14 Jun 2023 15:53

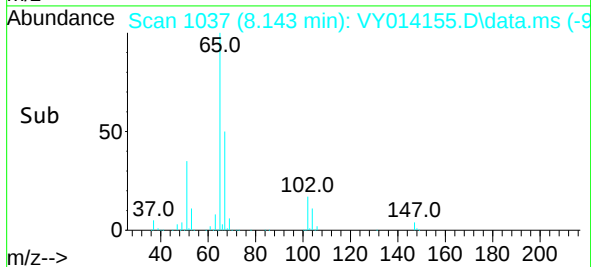
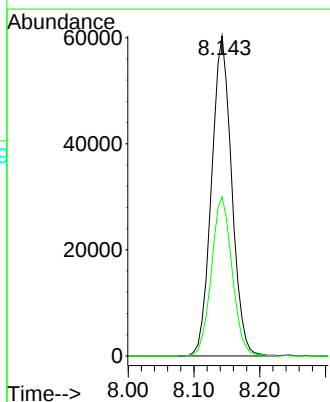
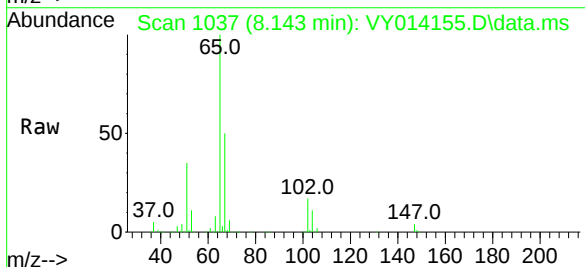
Instrument :
MSVOA_Y
ClientSampleId :
VY0614SBL01

Tgt Ion:168 Resp: 183010
Ion Ratio Lower Upper
168 100
99 53.4 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 50.490 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY014155.D
Acq: 14 Jun 2023 15:53

Tgt Ion: 65 Resp: 128672
Ion Ratio Lower Upper
65 100
67 50.9 0.0 101.8

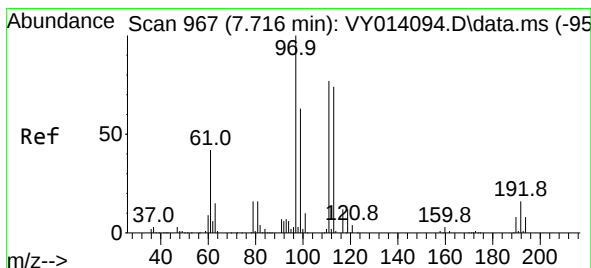
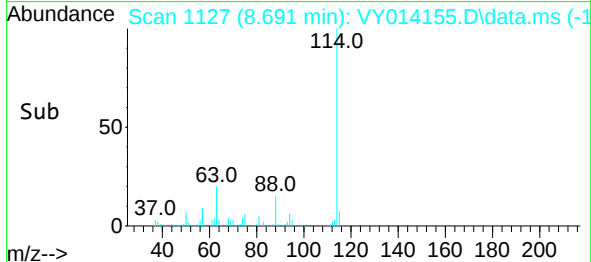
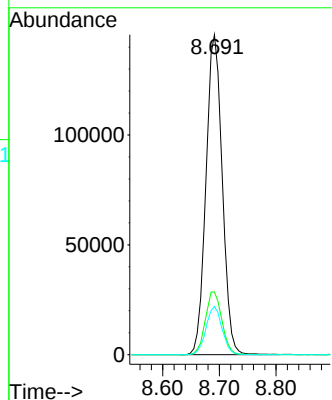
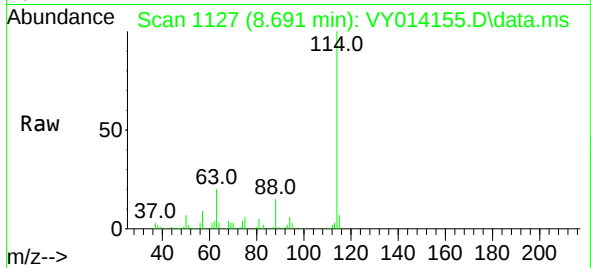




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY014155.D
Acq: 14 Jun 2023 15:53

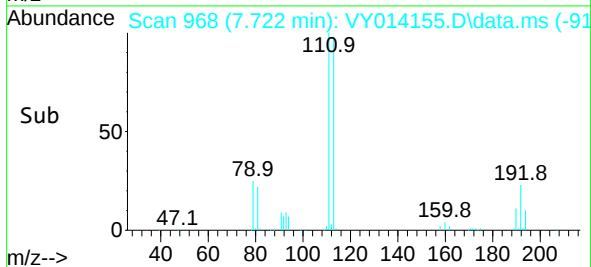
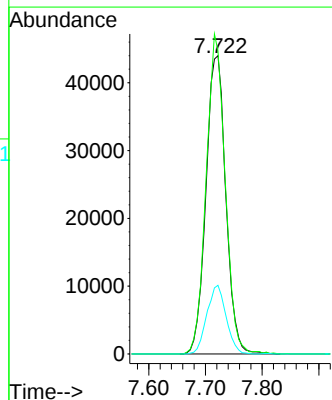
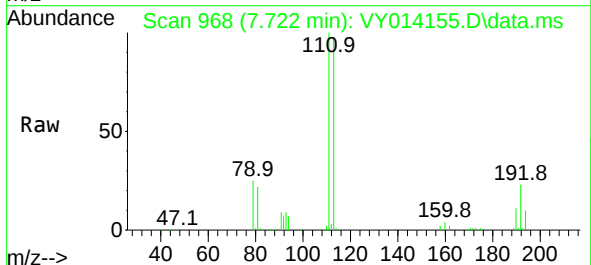
Instrument :
MSVOA_Y
ClientSampleId :
VY0614SBL01

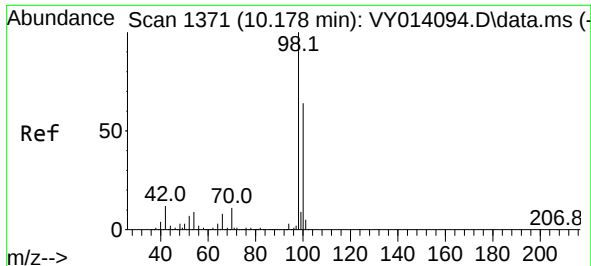
Tgt Ion:114 Resp: 290056
Ion Ratio Lower Upper
114 100
63 19.6 0.0 42.4
88 15.1 0.0 30.6



#35
Dibromofluoromethane
Concen: 52.098 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY014155.D
Acq: 14 Jun 2023 15:53

Tgt Ion:113 Resp: 107166
Ion Ratio Lower Upper
113 100
111 102.8 81.3 121.9
192 22.3 16.9 25.3

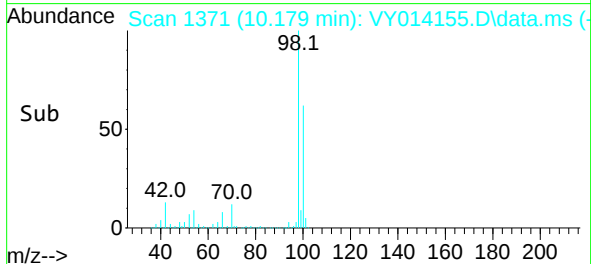
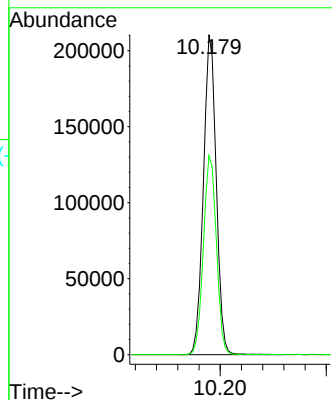
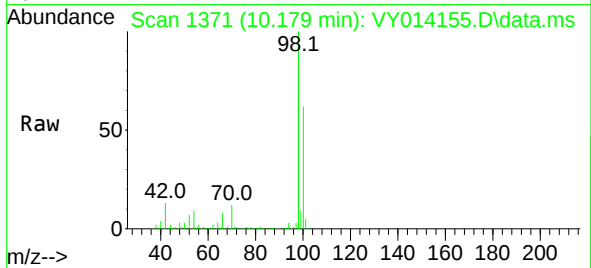




#50
Toluene-d8
Concen: 45.945 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014155.D
Acq: 14 Jun 2023 15:53

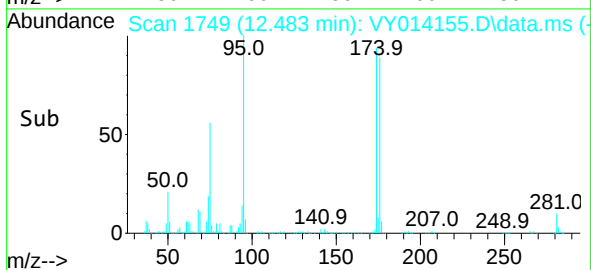
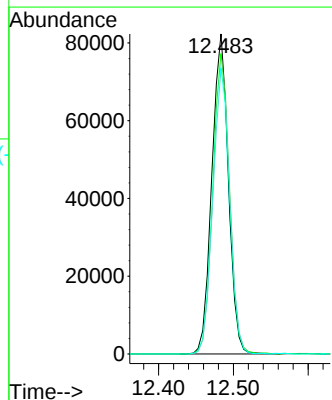
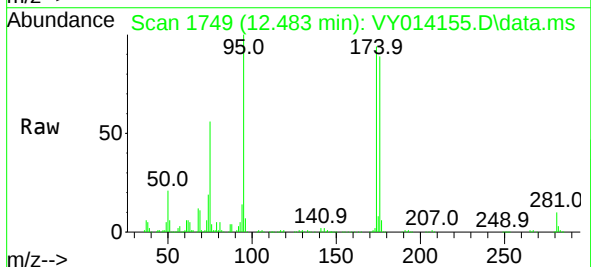
Instrument :
MSVOA_Y
ClientSampleId :
VY0614SBL01

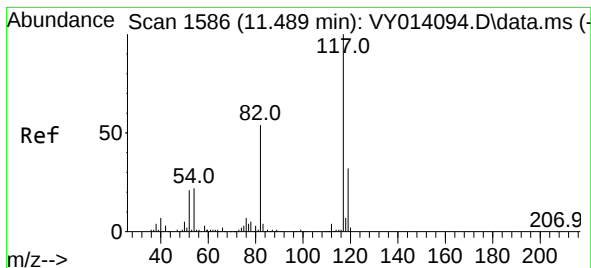
Tgt Ion: 98 Resp: 353331
Ion Ratio Lower Upper
98 100
100 63.0 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 46.393 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014155.D
Acq: 14 Jun 2023 15:53

Tgt Ion: 95 Resp: 126739
Ion Ratio Lower Upper
95 100
174 95.0 0.0 178.2
176 90.4 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: VY014155.D

Acq: 14 Jun 2023 15:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0614SBL01

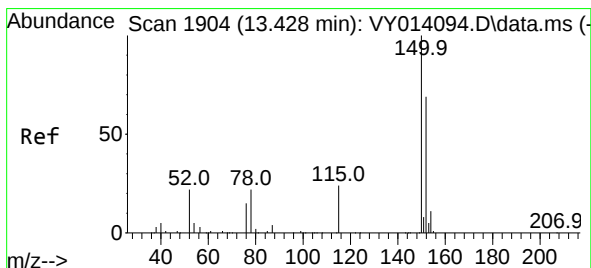
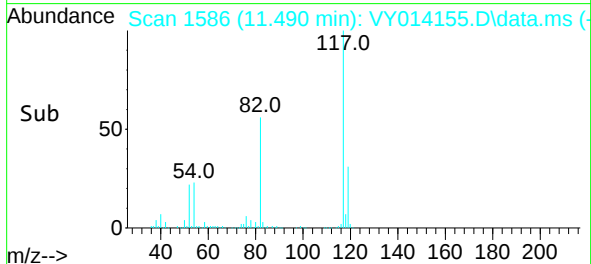
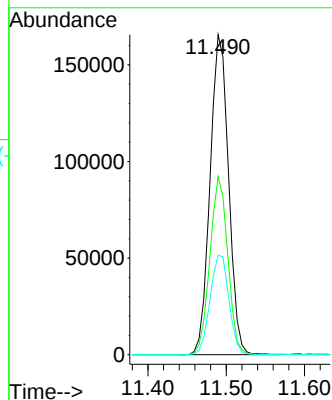
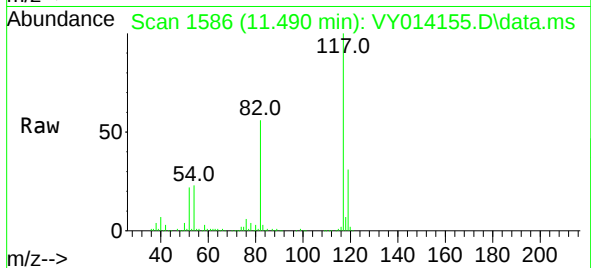
Tgt Ion:117 Resp: 271479

Ion Ratio Lower Upper

117 100

82 55.7 43.4 65.0

119 31.0 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY014155.D

Acq: 14 Jun 2023 15:53

Tgt Ion:152 Resp: 138772

Ion Ratio Lower Upper

152 100

115 55.5 28.8 86.5

150 155.4 0.0 348.8

