

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061423\
 Data File : VY014161.D
 Acq On : 14 Jun 2023 18:13
 Operator : KP/MD
 Sample : 03166-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TEST-PIT-6-12-23

Quant Time: Jun 15 01:44:58 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	7.783	168	11596	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	17909	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	15460	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	6415	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	6924	42.879	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.760%
35) Dibromofluoromethane	7.716	113	6298	49.588	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.180%
50) Toluene-d8	10.179	98	20333	42.822	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	85.640%
62) 4-Bromofluorobenzene	12.483	95	6211	36.823	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	73.640%

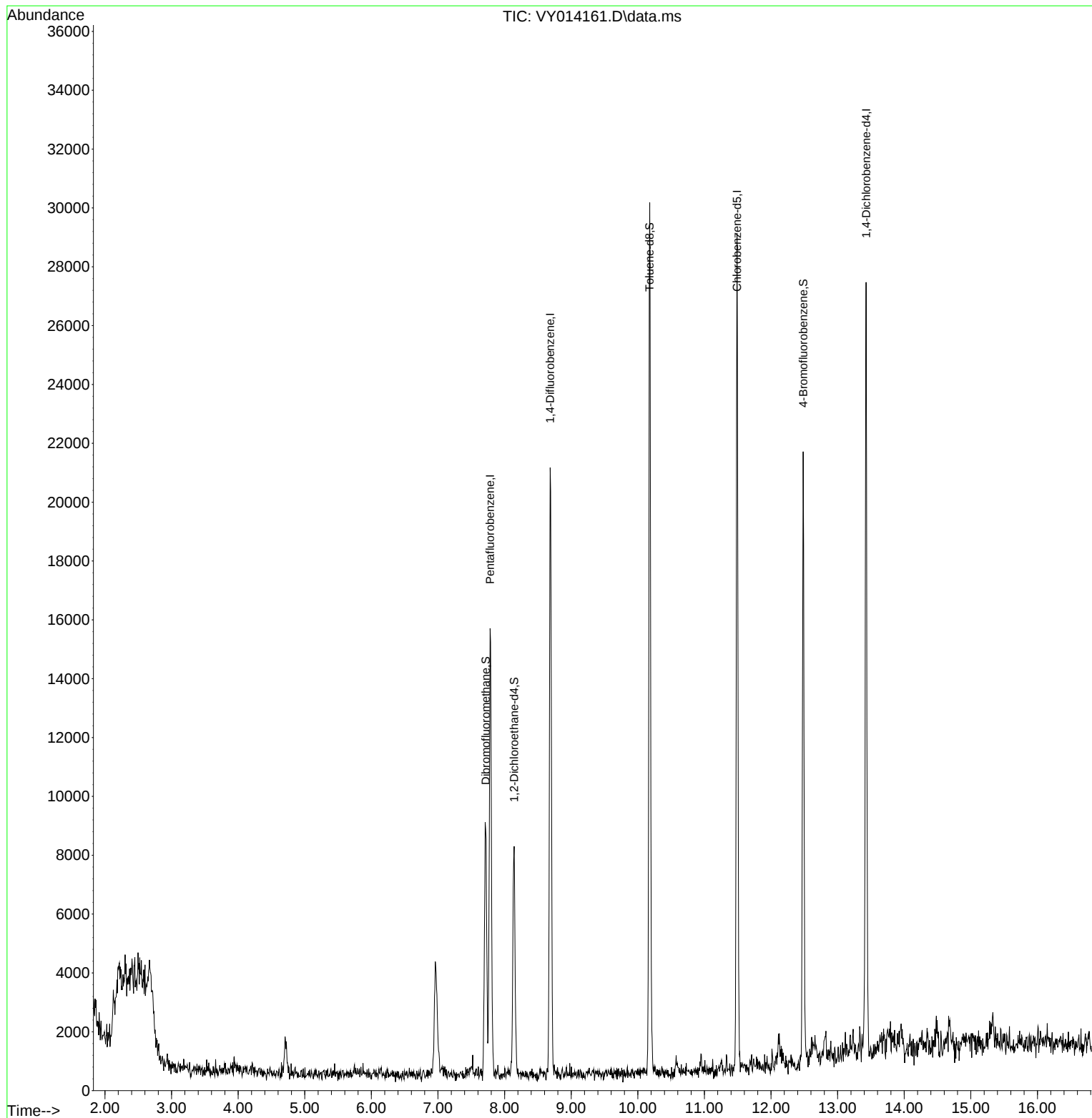
Target Compounds	Qvalue

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

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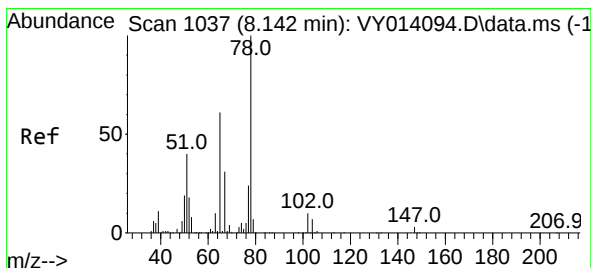
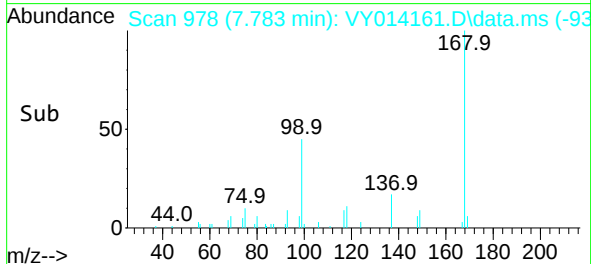
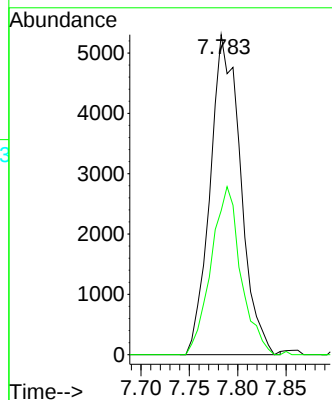
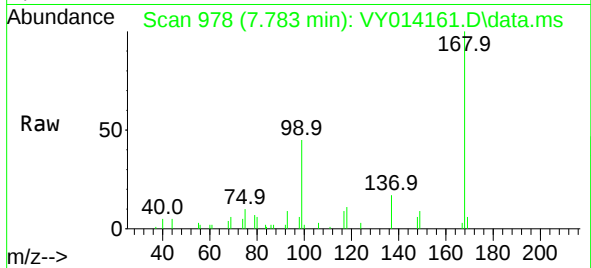




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014161.D
Acq: 14 Jun 2023 18:13

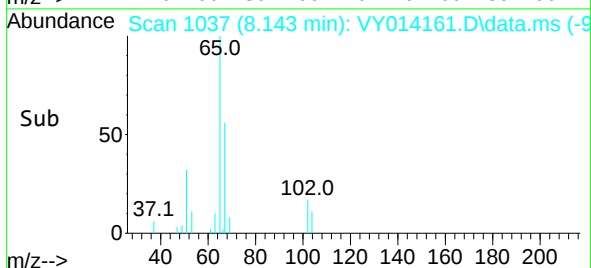
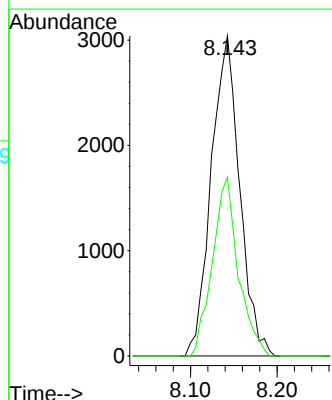
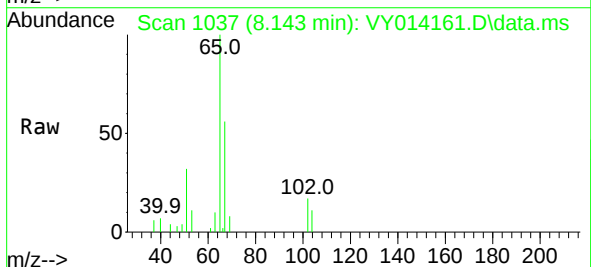
Instrument :
MSVOA_Y
ClientSampleId :
TEST-PIT-6-12-23

Tgt Ion:168 Resp: 11596
Ion Ratio Lower Upper
168 100
99 45.0 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 42.879 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY014161.D
Acq: 14 Jun 2023 18:13

Tgt Ion: 65 Resp: 6924
Ion Ratio Lower Upper
65 100
67 50.9 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY014161.D

Acq: 14 Jun 2023 18:13

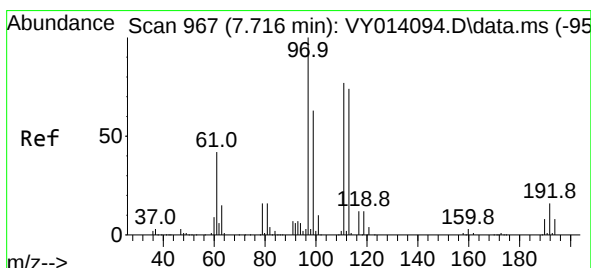
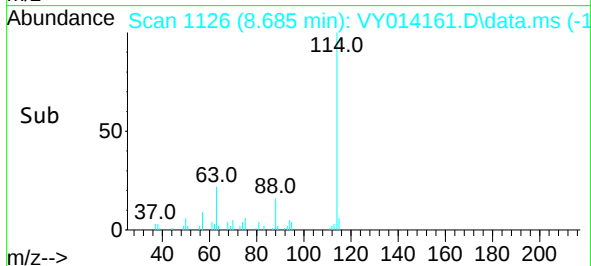
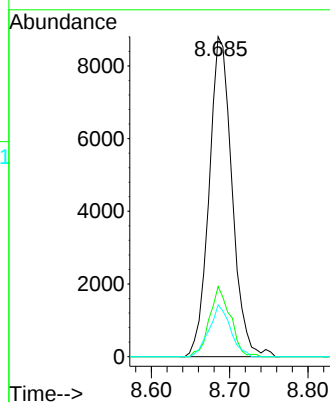
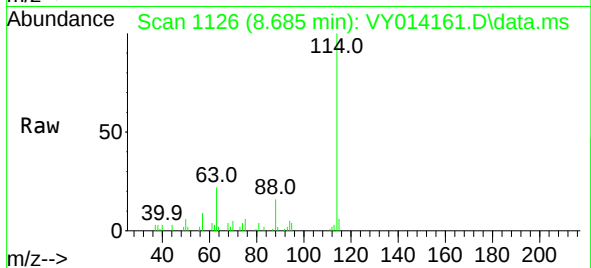
Instrument :

MSVOA_Y

ClientSampleId :

TEST-PIT-6-12-23

Tgt Ion:114	Resp:	17909
Ion	Ratio	Lower Upper
114	100	
63	22.0	0.0 42.4
88	16.2	0.0 30.6



#35

Dibromofluoromethane

Concen: 49.588 ug/l

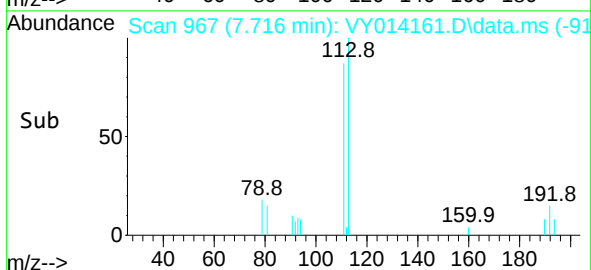
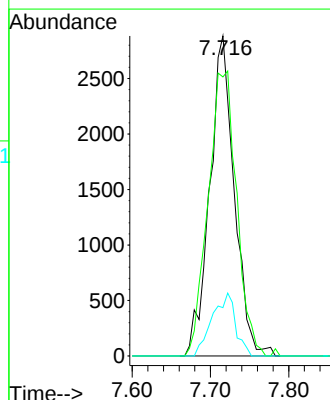
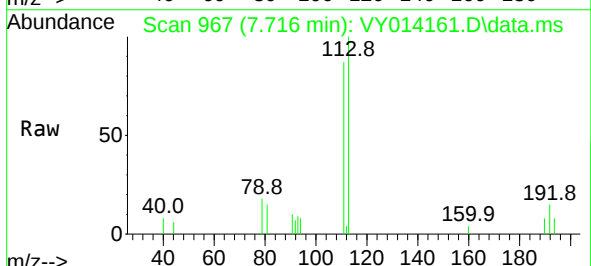
RT: 7.716 min Scan# 967

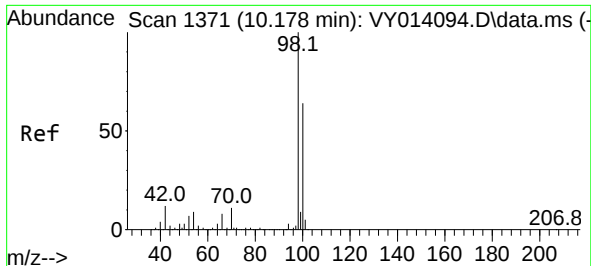
Delta R.T. -0.000 min

Lab File: VY014161.D

Acq: 14 Jun 2023 18:13

Tgt Ion:113	Resp:	6298
Ion	Ratio	Lower Upper
113	100	
111	103.1	81.3 121.9
192	18.6	16.9 25.3

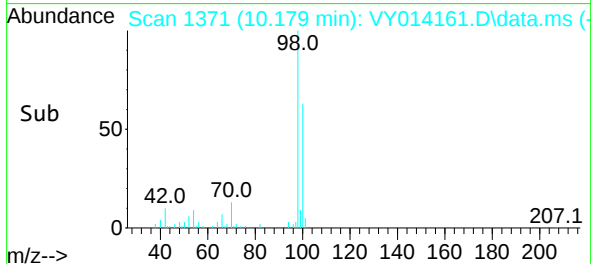
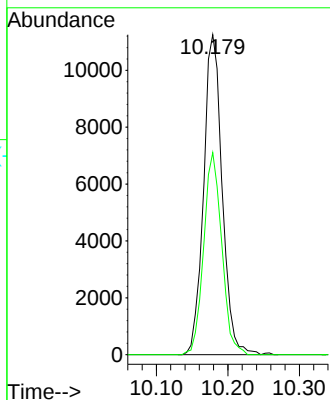
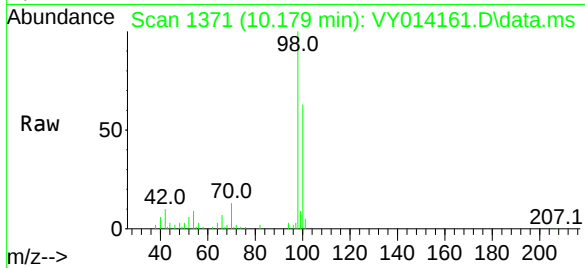




#50
Toluene-d8
Concen: 42.822 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014161.D
Acq: 14 Jun 2023 18:13

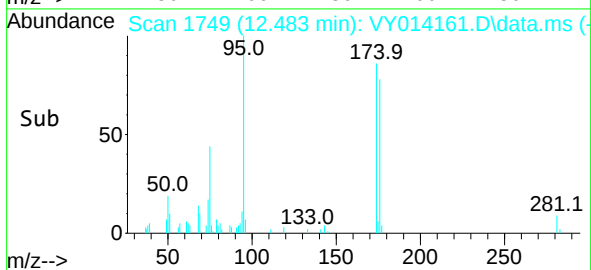
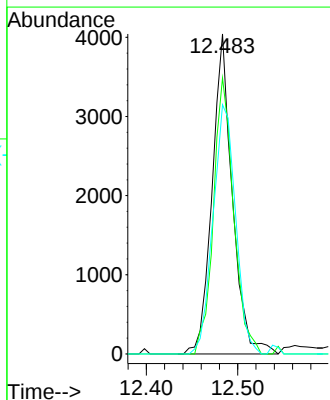
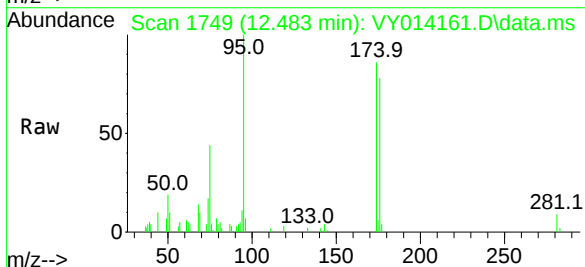
Instrument :
MSVOA_Y
ClientSampleId :
TEST-PIT-6-12-23

Tgt Ion: 98 Resp: 20333
Ion Ratio Lower Upper
98 100
100 61.2 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 36.823 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014161.D
Acq: 14 Jun 2023 18:13

Tgt Ion: 95 Resp: 6211
Ion Ratio Lower Upper
95 100
174 86.3 0.0 178.2
176 86.9 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: VY014161.D

Acq: 14 Jun 2023 18:13

Instrument :

MSVOA_Y

ClientSampleId :

TEST-PIT-6-12-23

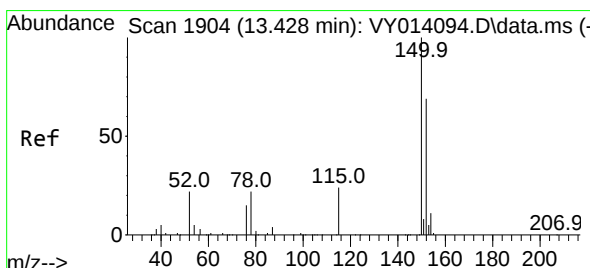
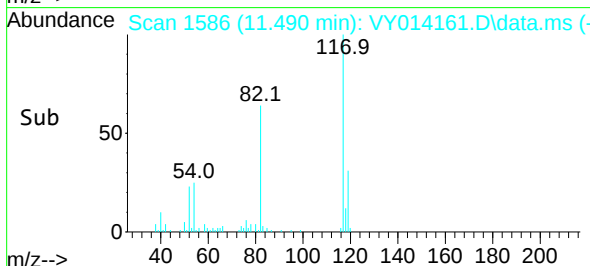
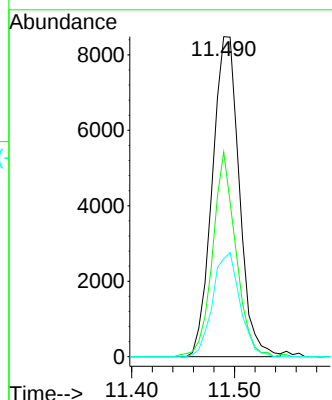
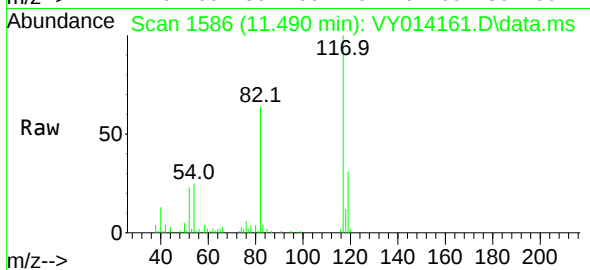
Tgt Ion:117 Resp: 15460

Ion Ratio Lower Upper

117 100

82 63.4 43.4 65.0

119 30.6 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: VY014161.D

Acq: 14 Jun 2023 18:13

Tgt Ion:152 Resp: 6415

Ion Ratio Lower Upper

152 100

115 60.3 28.8 86.5

150 161.6 0.0 348.8

