

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062023\
 Data File : VY014308.D
 Acq On : 21 Jun 2023 02:03
 Operator : KP/MD
 Sample : 03321-16
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-20

Quant Time: Jun 21 05:09:17 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	7.801	168	183688	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.703	114	291770	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.496	117	281174	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	131625	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	129046	50.450	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.900%
35) Dibromofluoromethane	7.728	113	97632	47.184	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.360%
50) Toluene-d8	10.185	98	353853	45.742	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.480%
62) 4-Bromofluorobenzene	12.489	95	113699	41.376	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	82.760%

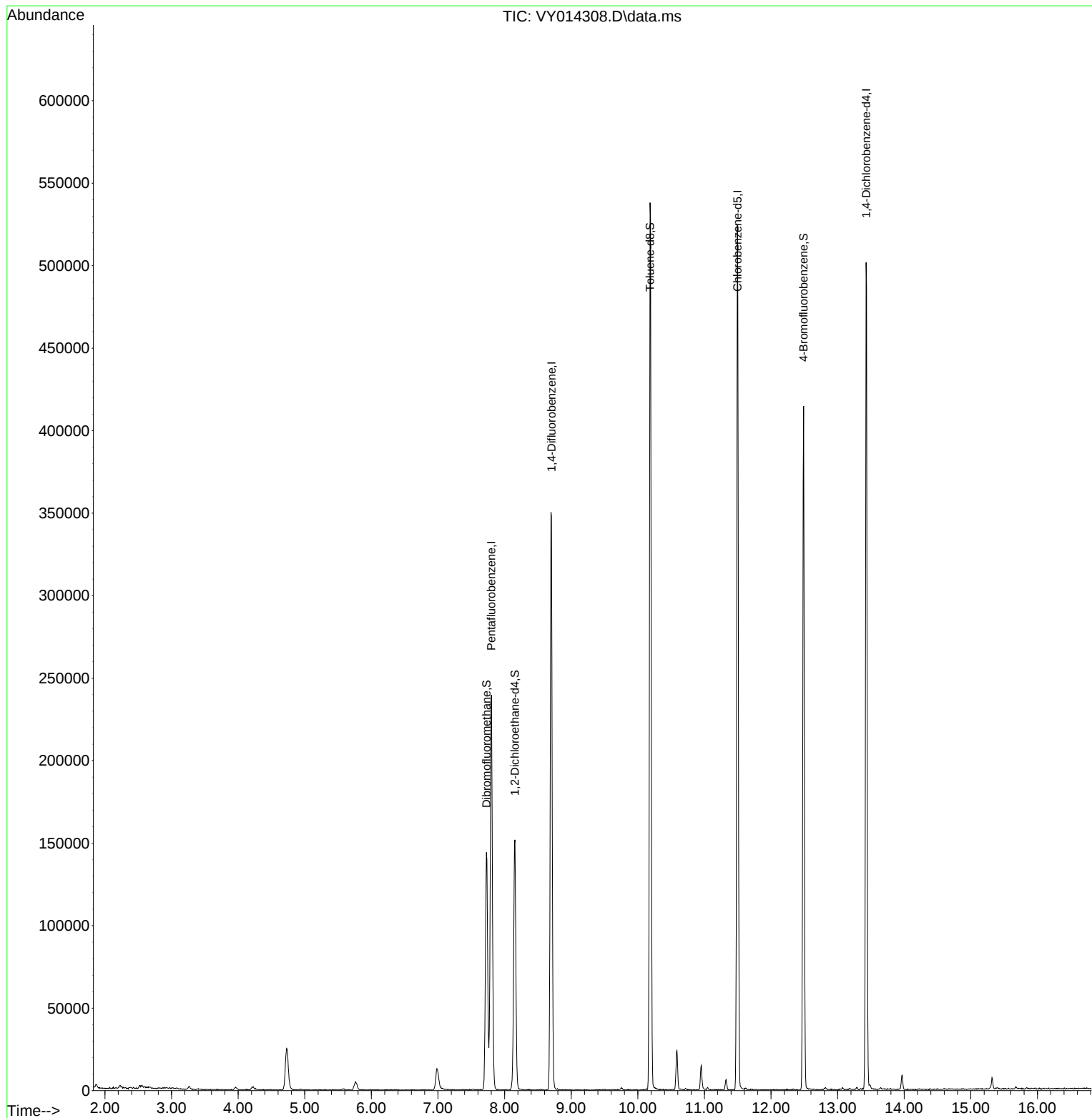
Target Compounds	Qvalue

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

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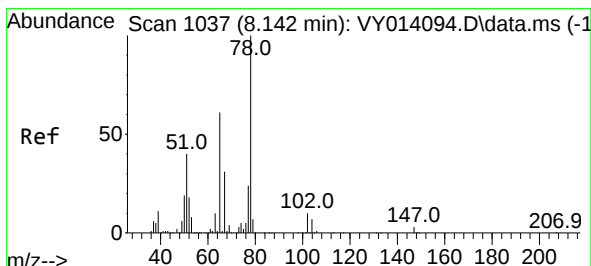
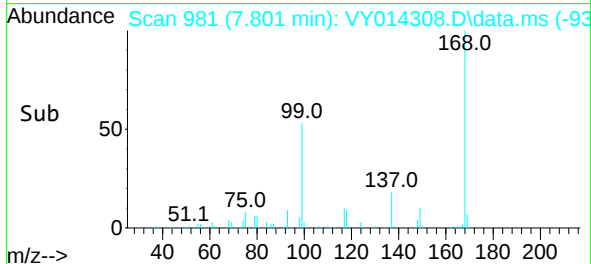
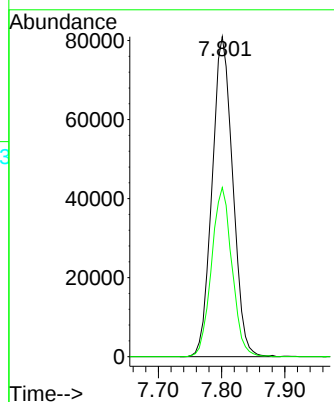
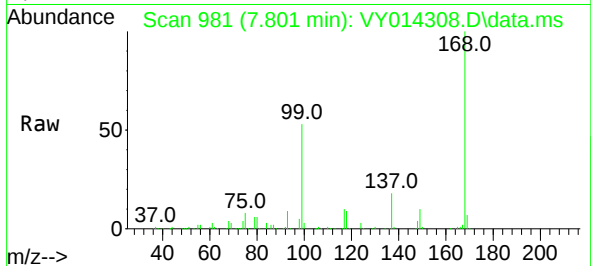




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY014308.D
Acq: 21 Jun 2023 02:03

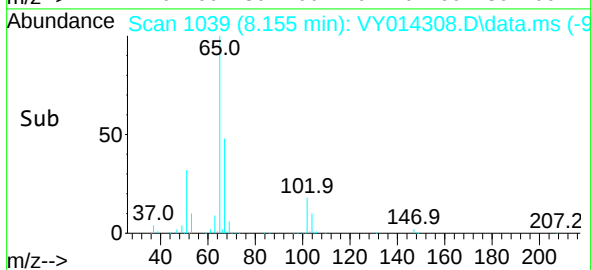
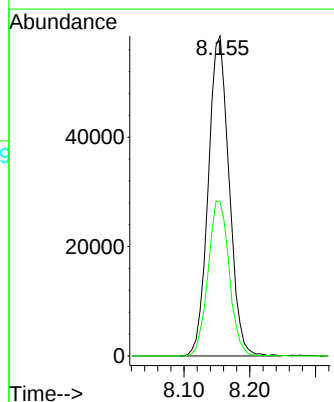
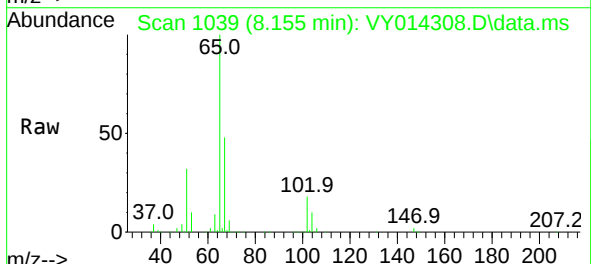
Instrument :
MSVOA_Y
ClientSampleId :
WC-20

Tgt Ion:168 Resp: 183688
Ion Ratio Lower Upper
168 100
99 52.8 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 50.450 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.013 min
Lab File: VY014308.D
Acq: 21 Jun 2023 02:03

Tgt Ion: 65 Resp: 129046
Ion Ratio Lower Upper
65 100
67 49.1 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1127

Delta R.T. 0.012 min

Lab File: VY014308.D

Acq: 21 Jun 2023 02:03

Instrument :

MSVOA_Y

ClientSampleId :

WC-20

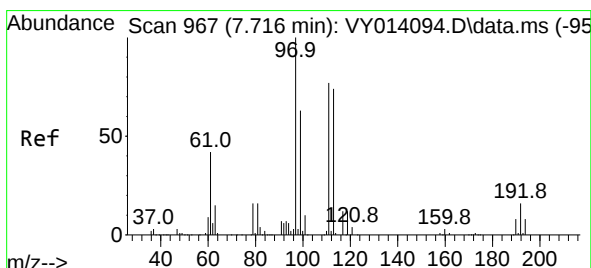
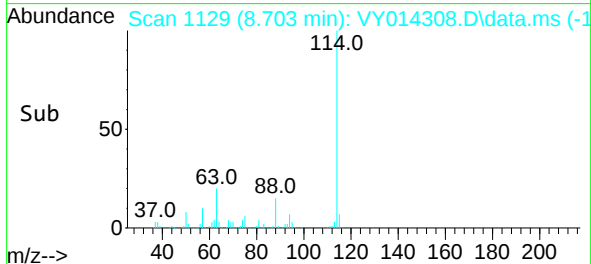
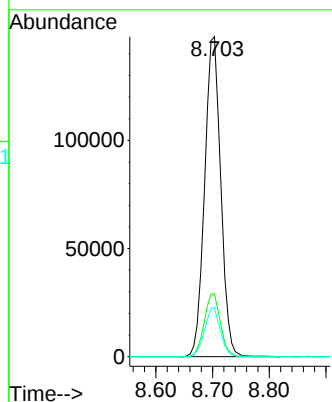
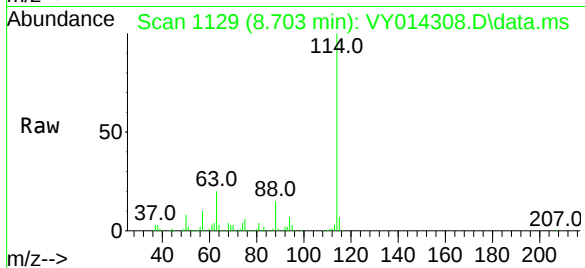
Tgt Ion:114 Resp: 291770

Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.4

88 15.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 47.184 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.012 min

Lab File: VY014308.D

Acq: 21 Jun 2023 02:03

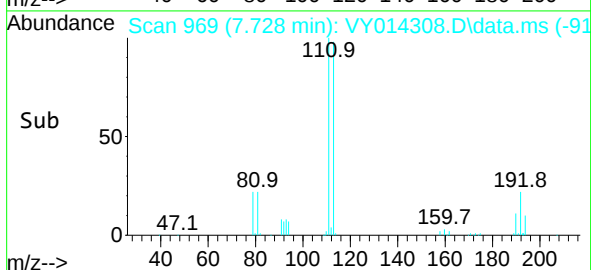
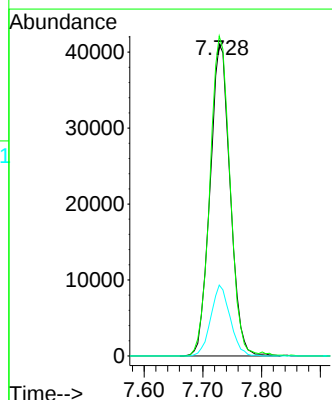
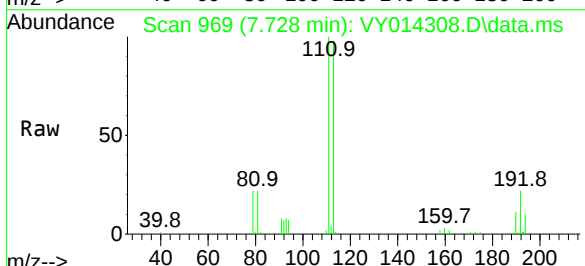
Tgt Ion:113 Resp: 97632

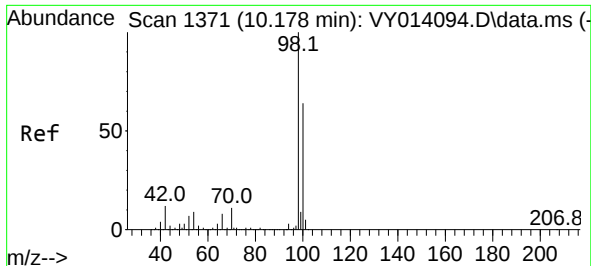
Ion Ratio Lower Upper

113 100

111 102.1 81.3 121.9

192 21.8 16.9 25.3

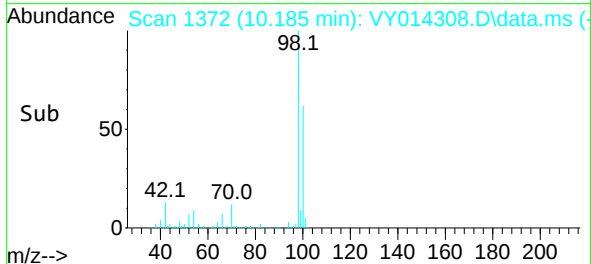
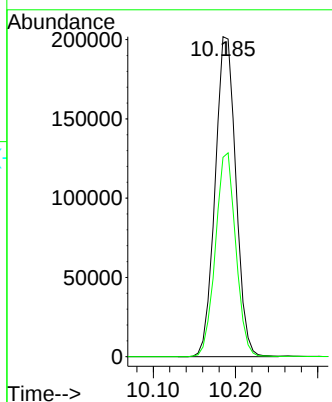
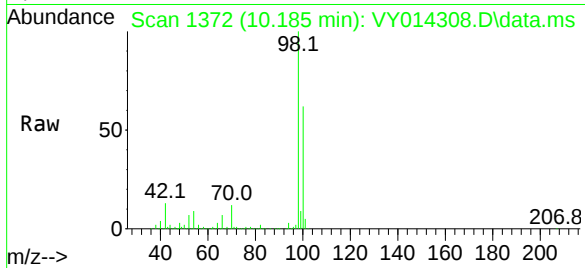




#50
Toluene-d8
Concen: 45.742 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY014308.D
Acq: 21 Jun 2023 02:03

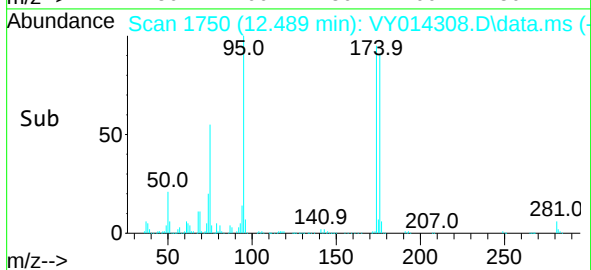
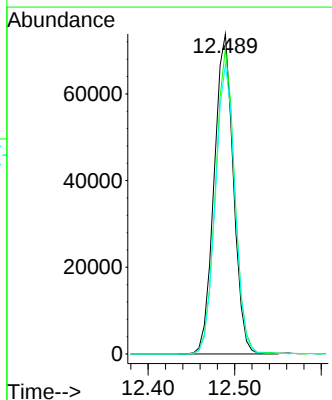
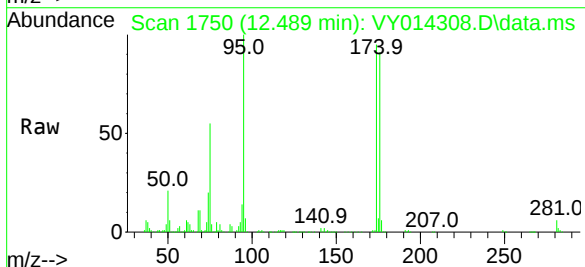
Instrument :
MSVOA_Y
ClientSampleId :
WC-20

Tgt Ion: 98 Resp: 353853
Ion Ratio Lower Upper
98 100
100 62.6 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 41.376 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY014308.D
Acq: 21 Jun 2023 02:03

Tgt Ion: 95 Resp: 113699
Ion Ratio Lower Upper
95 100
174 95.9 0.0 178.2
176 91.8 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY014308.D

Acq: 21 Jun 2023 02:03

Instrument :

MSVOA_Y

ClientSampleId :

WC-20

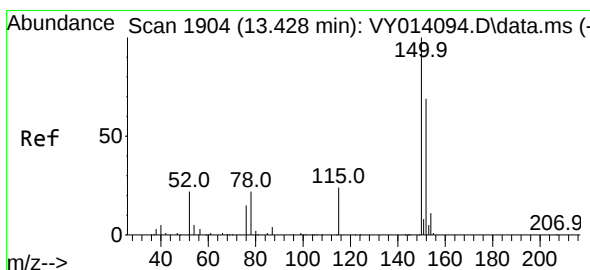
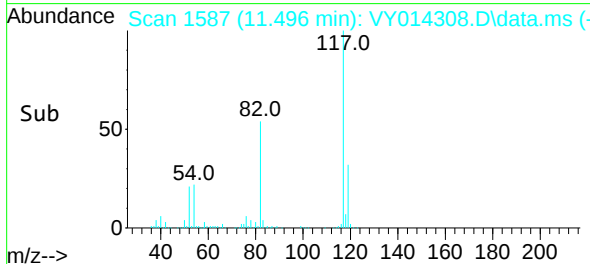
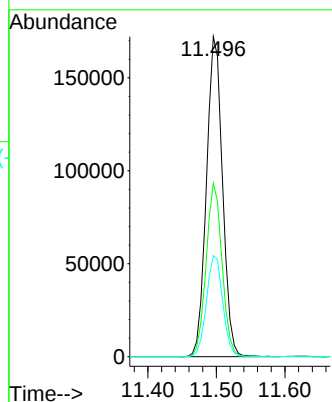
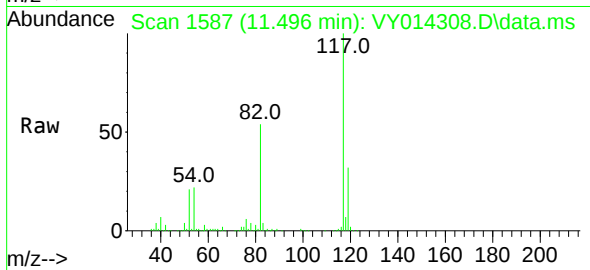
Tgt Ion:117 Resp: 281174

Ion Ratio Lower Upper

117 100

82 54.3 43.4 65.0

119 31.6 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: VY014308.D

Acq: 21 Jun 2023 02:03

Tgt Ion:152 Resp: 131625

Ion Ratio Lower Upper

152 100

115 56.2 28.8 86.5

150 156.0 0.0 348.8

