

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062023\
 Data File : VY014302.D
 Acq On : 20 Jun 2023 23:42
 Operator : KP/MD
 Sample : VY0620SBL02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0620SBL02

Quant Time: Jun 21 02:11:15 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	192507	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	304170	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	290983	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	133397	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	129085	48.154	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.300%
35) Dibromofluoromethane	7.728	113	100493	46.587	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.180%
50) Toluene-d8	10.185	98	365077	45.269	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.540%
62) 4-Bromofluorobenzene	12.483	95	117379	40.973	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	81.940%

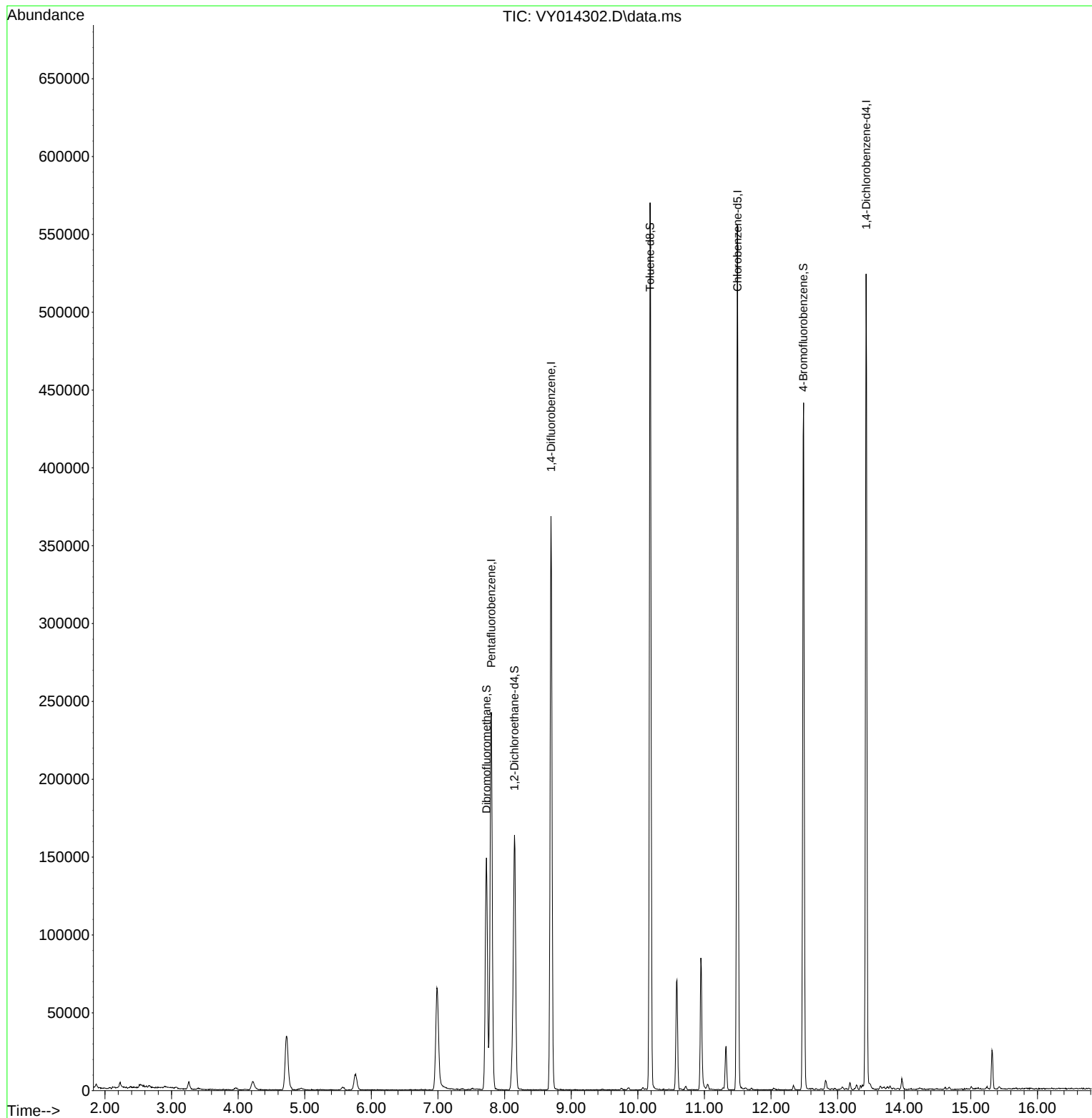
Target Compounds	Qvalue

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

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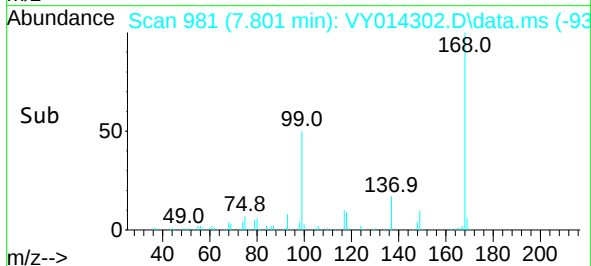
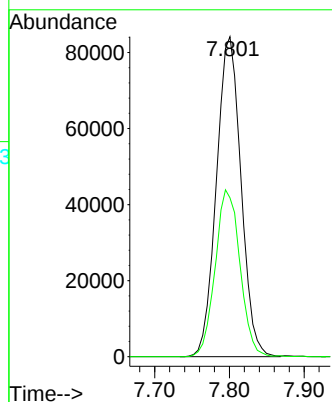
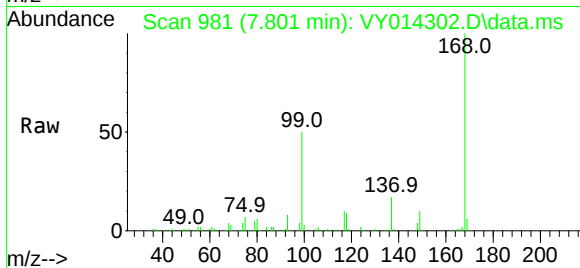




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 99
Delta R.T. 0.012 min
Lab File: VY014302.D
Acq: 20 Jun 2023 23:42

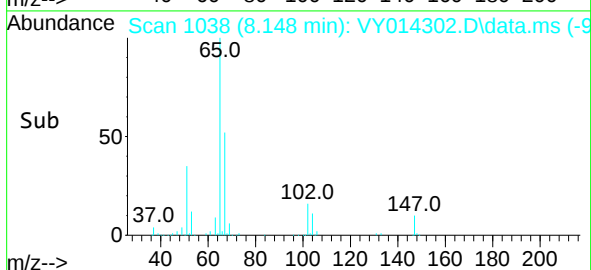
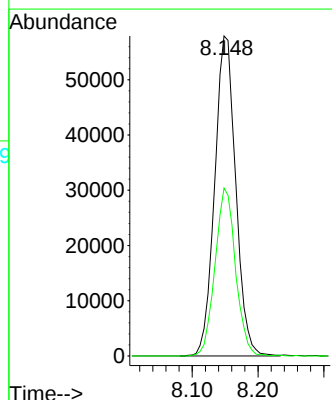
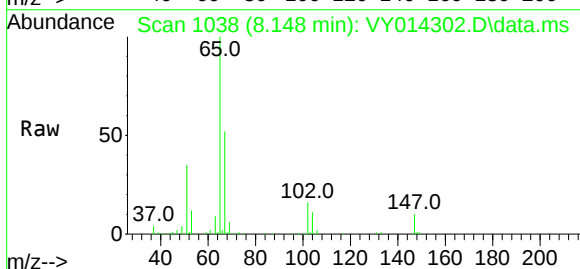
Instrument :
MSVOA_Y
ClientSampleId :
VY0620SBL02

Tgt Ion:168 Resp: 192507
Ion Ratio Lower Upper
168 100
99 49.7 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 48.154 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY014302.D
Acq: 20 Jun 2023 23:42

Tgt Ion: 65 Resp: 129085
Ion Ratio Lower Upper
65 100
67 51.1 0.0 101.8

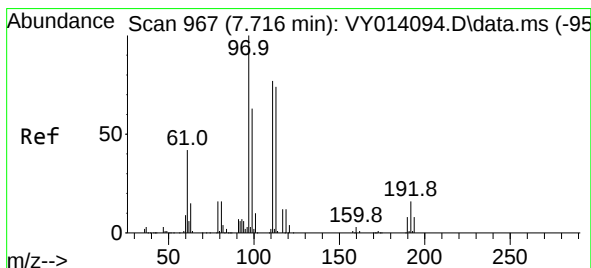
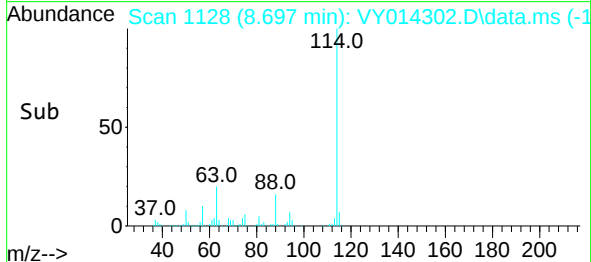
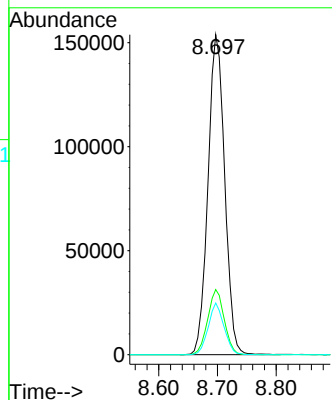
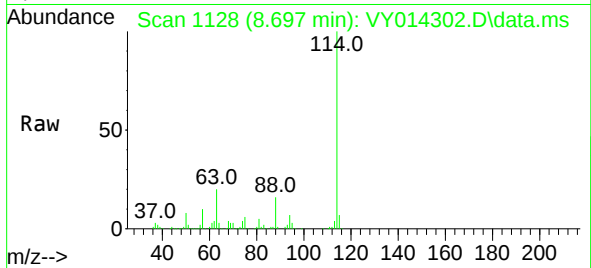




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY014302.D
Acq: 20 Jun 2023 23:42

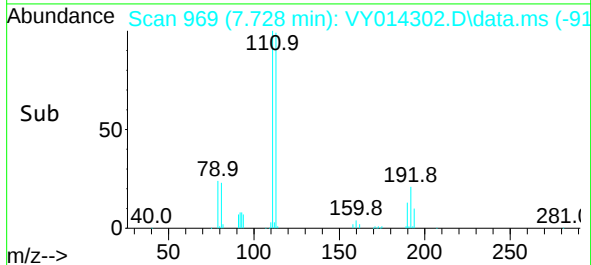
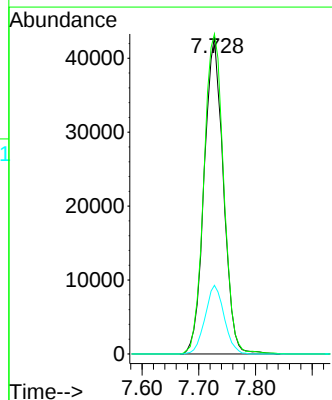
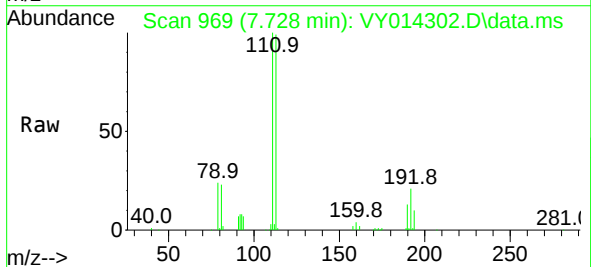
Instrument :
MSVOA_Y
ClientSampleId :
VY0620SBL02

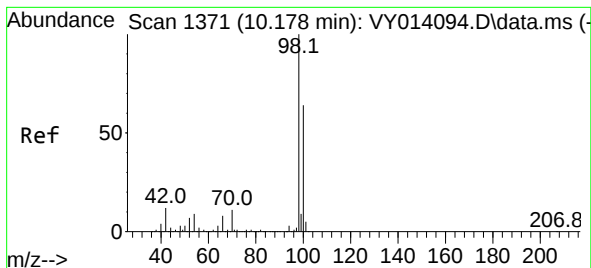
Tgt Ion:114 Resp: 304170
Ion Ratio Lower Upper
114 100
63 20.3 0.0 42.4
88 16.2 0.0 30.6



#35
Dibromofluoromethane
Concen: 46.587 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.012 min
Lab File: VY014302.D
Acq: 20 Jun 2023 23:42

Tgt Ion:113 Resp: 100493
Ion Ratio Lower Upper
113 100
111 104.6 81.3 121.9
192 21.7 16.9 25.3





#50

Toluene-d8

Concen: 45.269 ug/l

RT: 10.185 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY014302.D

Acq: 20 Jun 2023 23:42

Instrument :

MSVOA_Y

ClientSampleId :

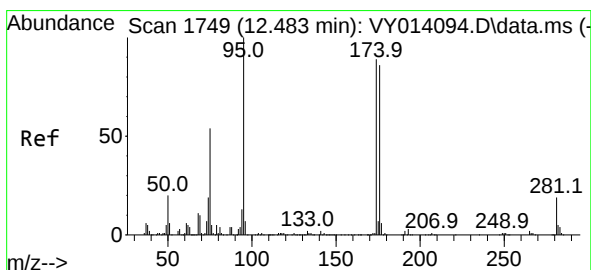
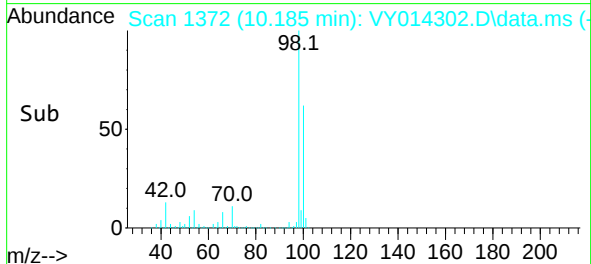
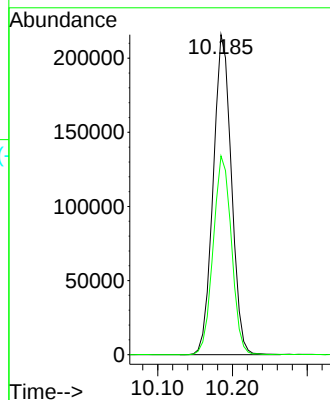
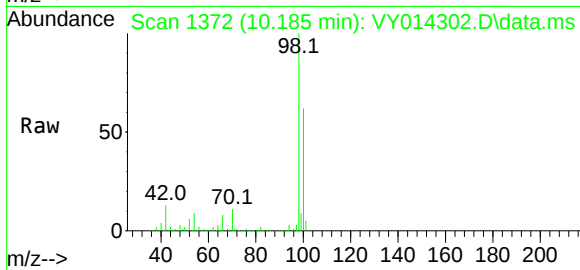
VY0620SBL02

Tgt Ion: 98 Resp: 365077

Ion Ratio Lower Upper

98 100

100 62.5 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 40.973 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VY014302.D

Acq: 20 Jun 2023 23:42

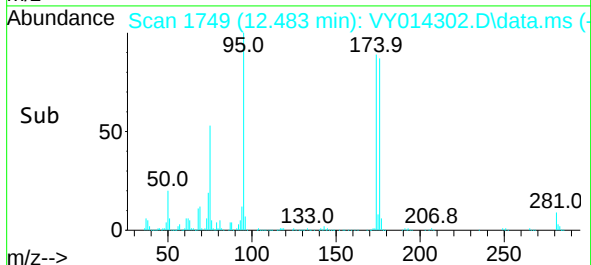
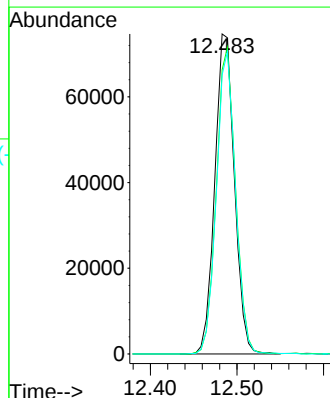
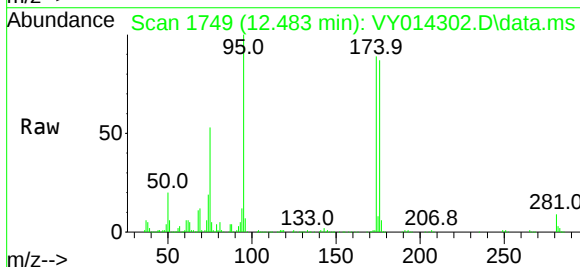
Tgt Ion: 95 Resp: 117379

Ion Ratio Lower Upper

95 100

174 93.7 0.0 178.2

176 92.2 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.495 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY014302.D

Acq: 20 Jun 2023 23:42

Instrument :

MSVOA_Y

ClientSampleId :

VY0620SBL02

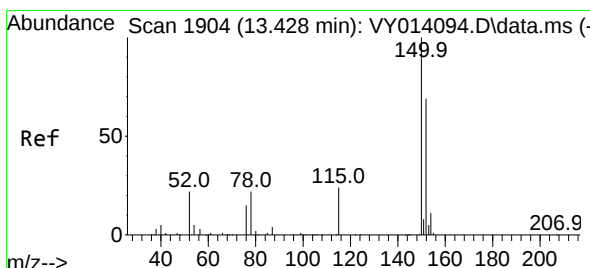
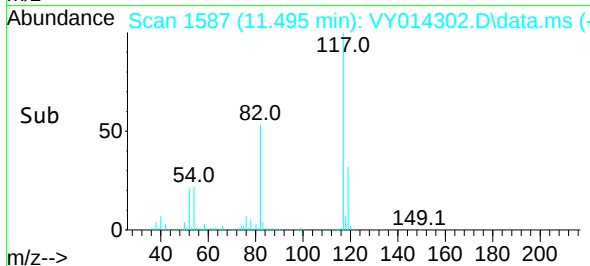
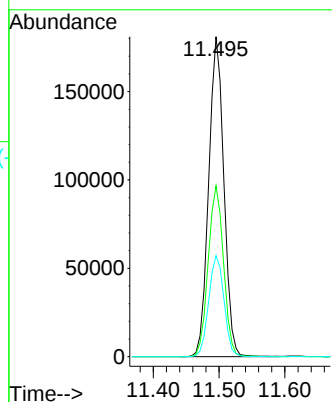
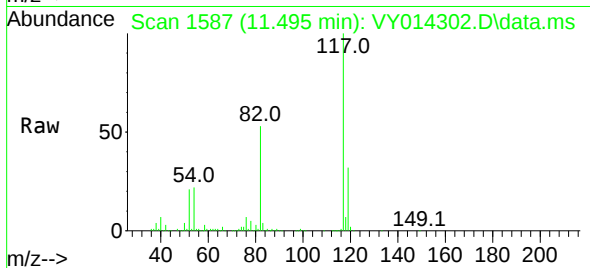
Tgt Ion:117 Resp: 290983

Ion Ratio Lower Upper

117 100

82 53.4 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: VY014302.D

Acq: 20 Jun 2023 23:42

Tgt Ion:152 Resp: 133397

Ion Ratio Lower Upper

152 100

115 56.8 28.8 86.5

150 156.3 0.0 348.8

