

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062623\
 Data File : VY014439.D
 Acq On : 26 Jun 2023 17:14
 Operator : KP/MD
 Sample : 03375-02
 Misc : 4.78g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5(8-10)

Quant Time: Jun 27 01:49:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 17:18:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	180497	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	275936	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	267070	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	133931	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	121424	54.182	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.360%
35) Dibromofluoromethane	7.722	113	86651	50.828	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.660%
50) Toluene-d8	10.179	98	327066	48.263	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.520%
62) 4-Bromofluorobenzene	12.483	95	109109	45.099	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.200%

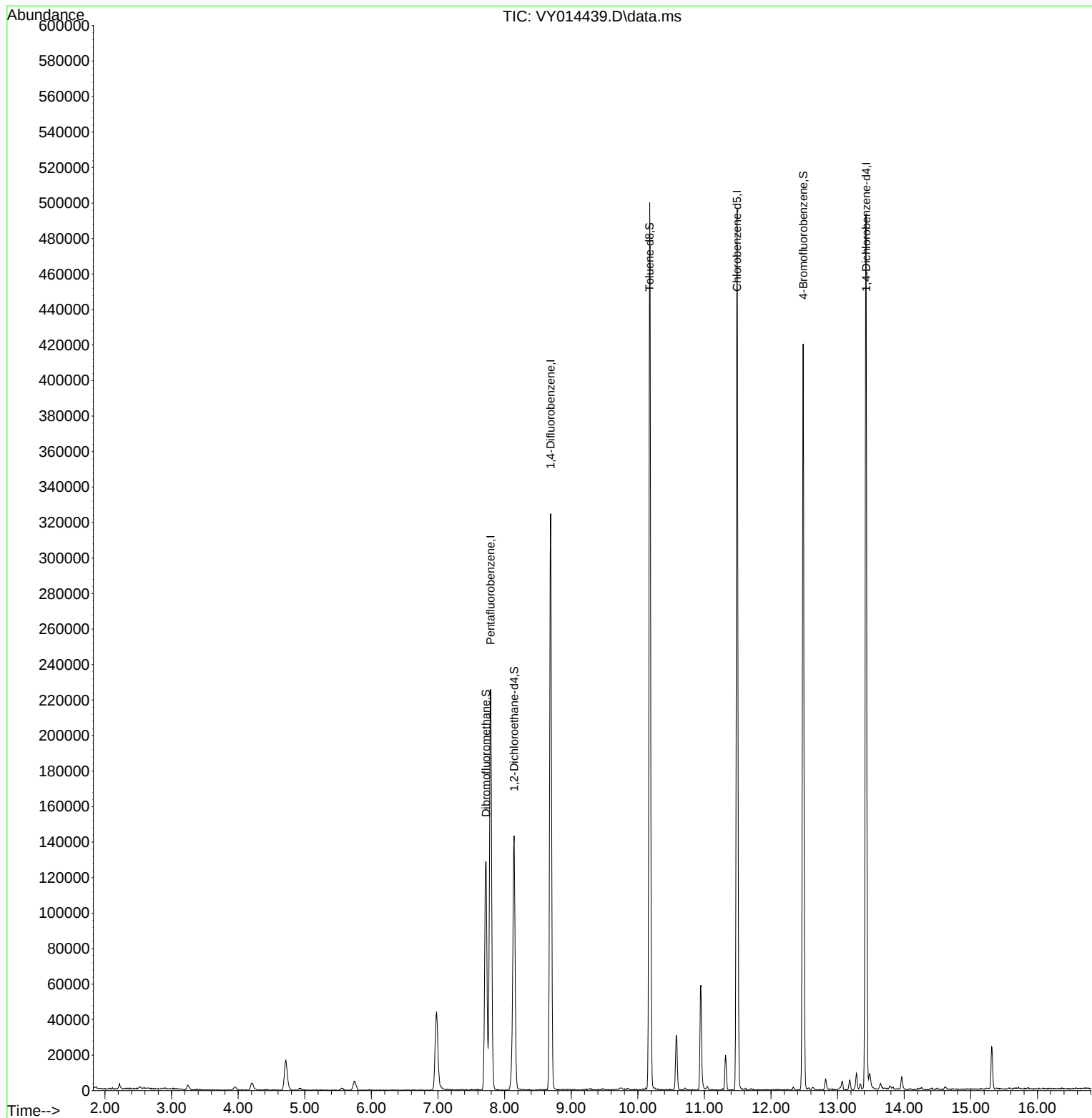
Target Compounds	Qvalue

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

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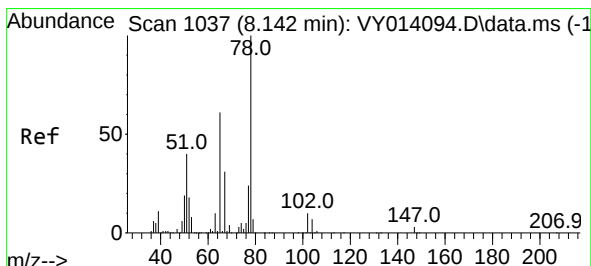
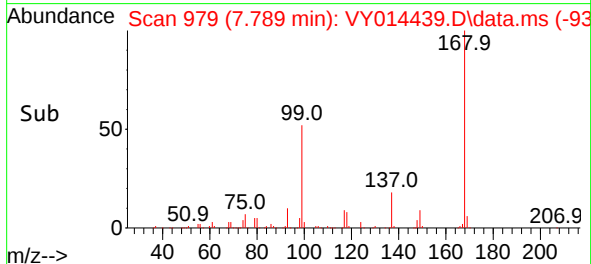
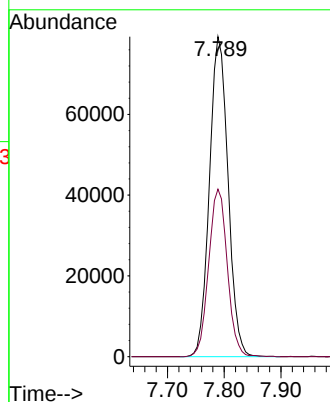
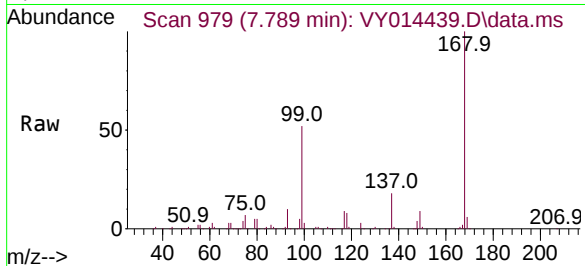




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014439.D
Acq: 26 Jun 2023 17:14

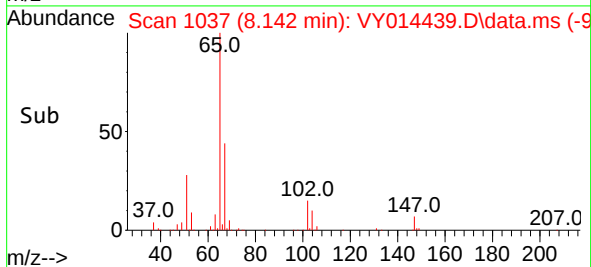
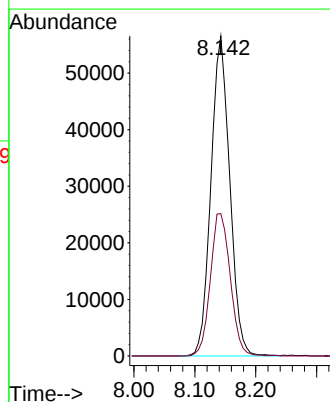
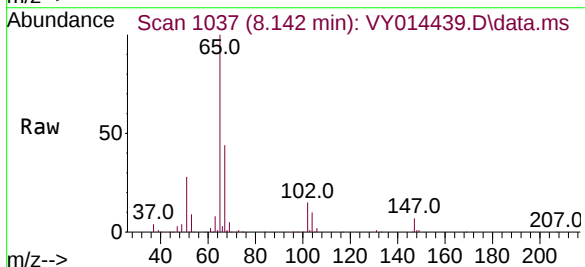
Instrument :
MSVOA_Y
ClientSampleId :
SB-5(8-10)

Tgt Ion:168 Resp: 180497
Ion Ratio Lower Upper
168 100
99 52.4 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 54.182 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY014439.D
Acq: 26 Jun 2023 17:14

Tgt Ion: 65 Resp: 121424
Ion Ratio Lower Upper
65 100
67 47.1 0.0 101.8

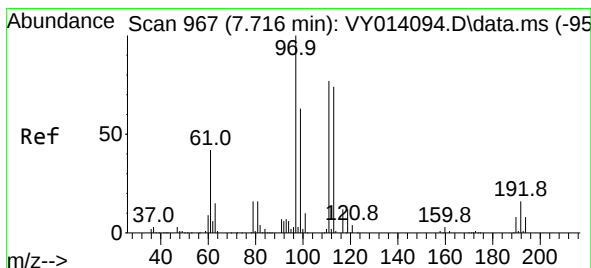
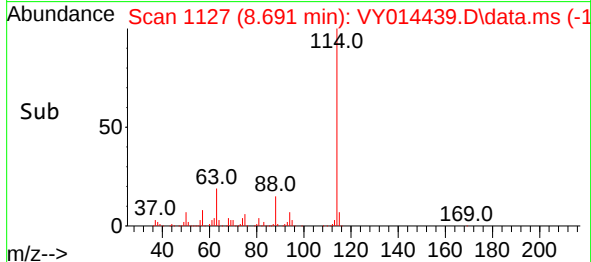
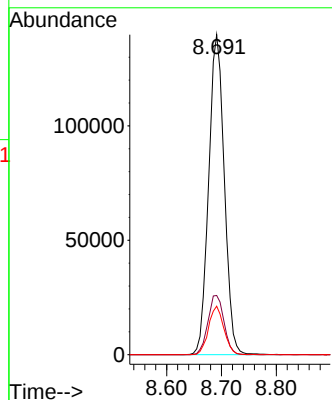
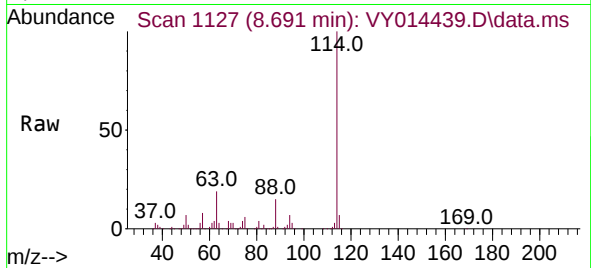




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY014439.D
Acq: 26 Jun 2023 17:14

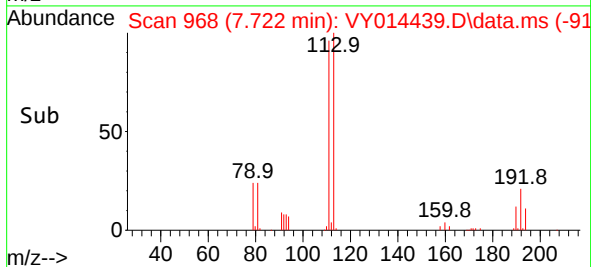
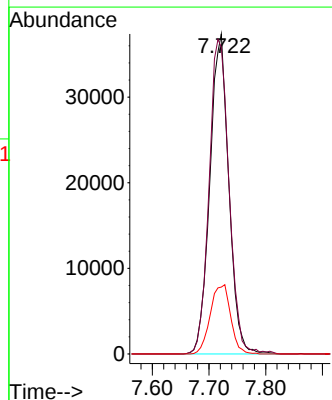
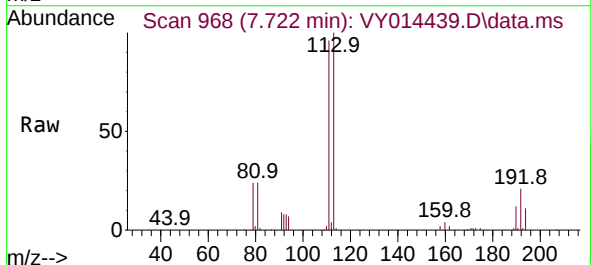
Instrument :
MSVOA_Y
ClientSampleId :
SB-5(8-10)

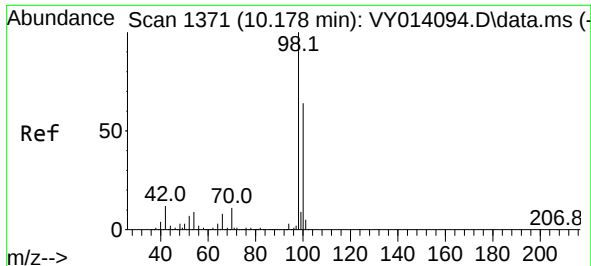
Tgt Ion:	114	Resp:	275936
Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	42.4
88	15.1	0.0	30.6



#35
Dibromofluoromethane
Concen: 50.828 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY014439.D
Acq: 26 Jun 2023 17:14

Tgt Ion:	113	Resp:	86651
Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.3	121.9
192	23.2	16.9	25.3

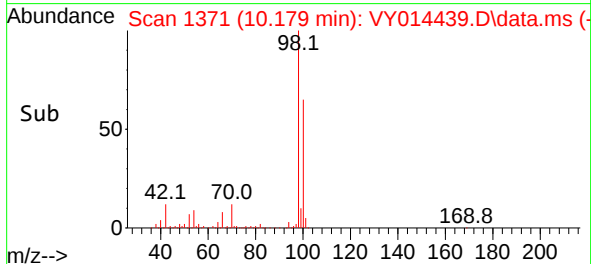
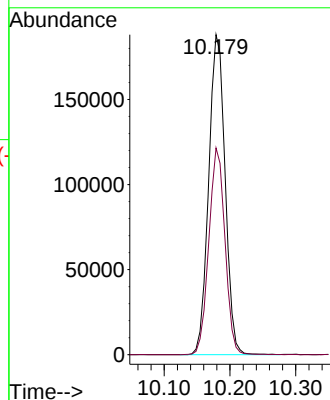
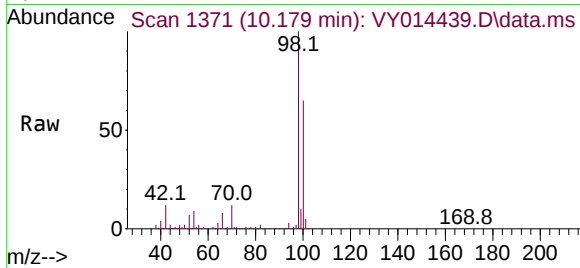




#50
Toluene-d8
Concen: 48.263 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014439.D
Acq: 26 Jun 2023 17:14

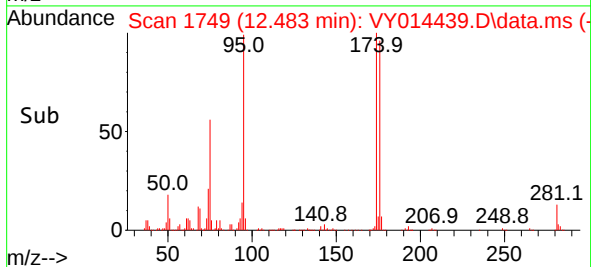
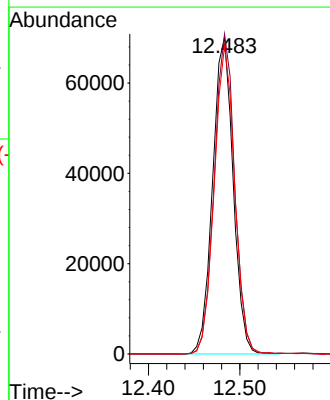
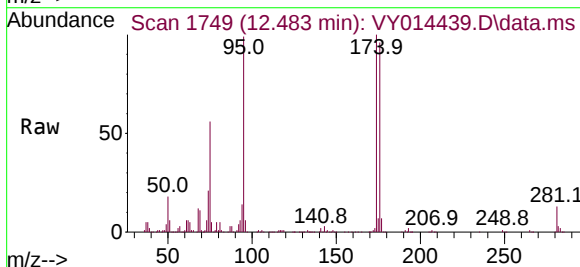
Instrument :
MSVOA_Y
ClientSampleId :
SB-5(8-10)

Tgt Ion: 98 Resp: 327066
Ion Ratio Lower Upper
98 100
100 63.4 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 45.099 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014439.D
Acq: 26 Jun 2023 17:14

Tgt Ion: 95 Resp: 109109
Ion Ratio Lower Upper
95 100
174 100.9 0.0 178.2
176 97.0 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014439.D

Acq: 26 Jun 2023 17:14

Instrument :

MSVOA_Y

ClientSampleId :

SB-5(8-10)

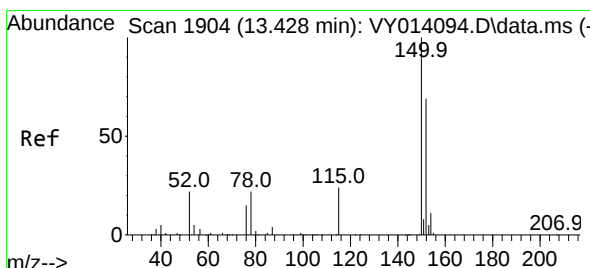
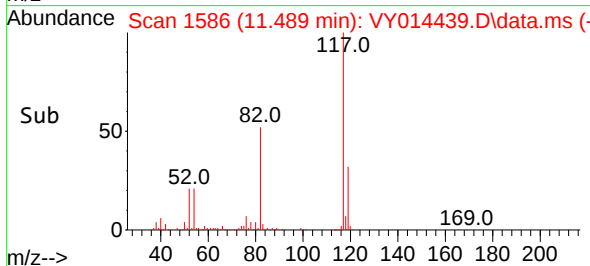
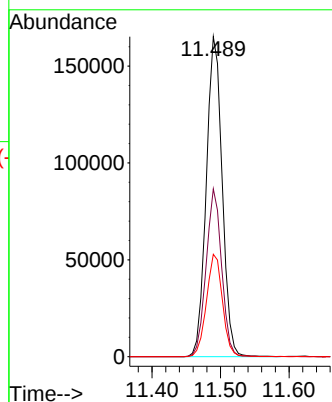
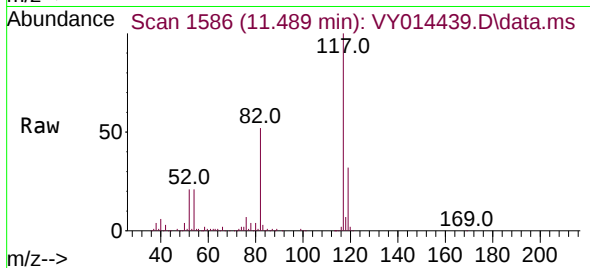
Tgt Ion:117 Resp: 267070

Ion Ratio Lower Upper

117 100

82 52.4 43.4 65.0

119 32.0 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: VY014439.D

Acq: 26 Jun 2023 17:14

Tgt Ion:152 Resp: 133931

Ion Ratio Lower Upper

152 100

115 55.7 28.8 86.5

150 155.6 0.0 348.8

