

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062723\
 Data File : VY014462.D
 Acq On : 27 Jun 2023 16:45
 Operator : KP/MD
 Sample : 03392-04
 Misc : 6.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SRY-1

Quant Time: Jun 28 02:26:54 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	158428	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	243171	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	235264	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	113160	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	113765	57.836	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.680%
35) Dibromofluoromethane	7.716	113	78629	52.337	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.680%
50) Toluene-d8	10.179	98	293304	49.113	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.220%
62) 4-Bromofluorobenzene	12.483	95	96182	45.112	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.220%

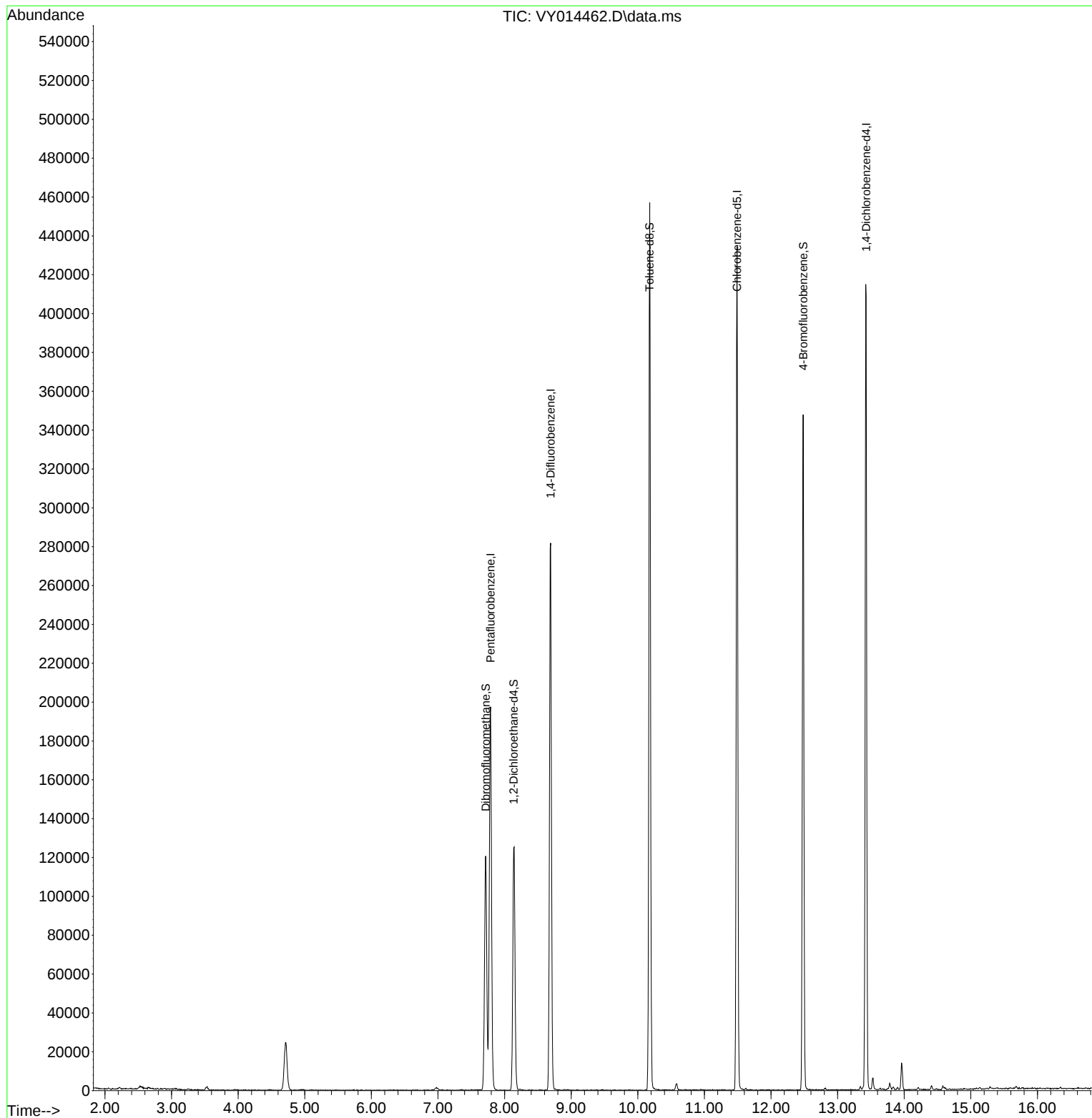
Target Compounds	Qvalue

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

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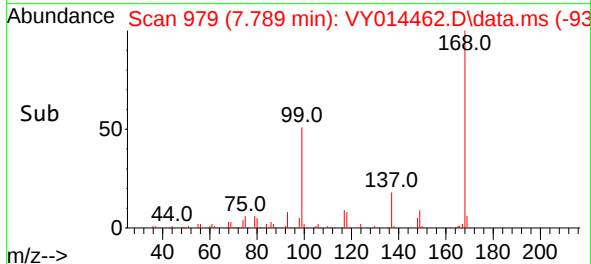
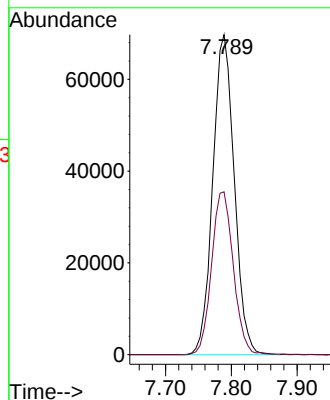
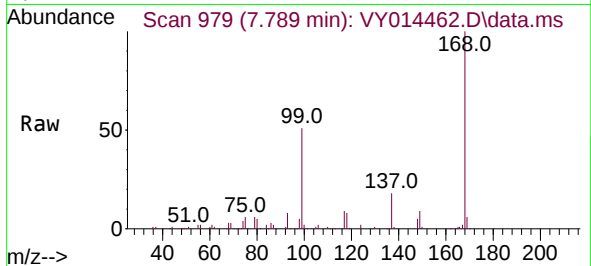




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014462.D
Acq: 27 Jun 2023 16:45

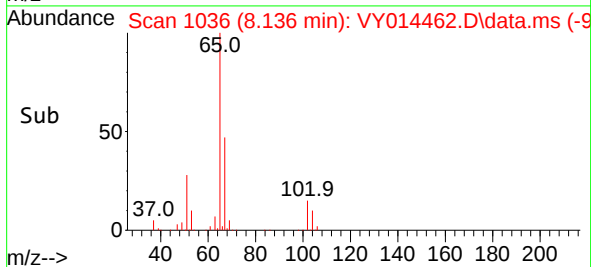
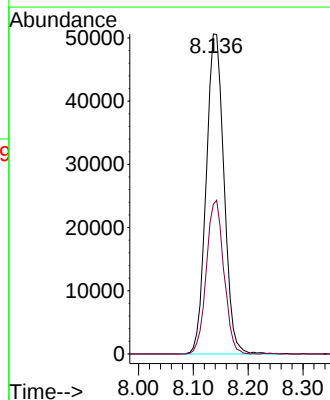
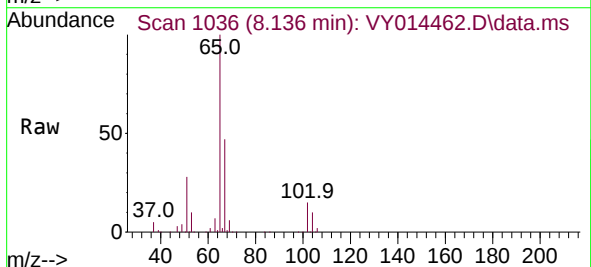
Instrument :
MSVOA_Y
ClientSampleId :
SRY-1

Tgt Ion:168 Resp: 158428
Ion Ratio Lower Upper
168 100
99 50.9 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 57.836 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY014462.D
Acq: 27 Jun 2023 16:45

Tgt Ion: 65 Resp: 113765
Ion Ratio Lower Upper
65 100
67 47.2 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: VY014462.D

Acq: 27 Jun 2023 16:45

Instrument :

MSVOA_Y

ClientSampleId :

SRY-1

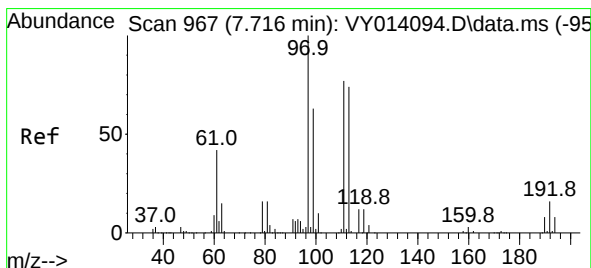
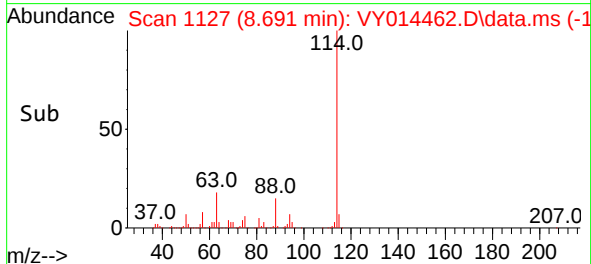
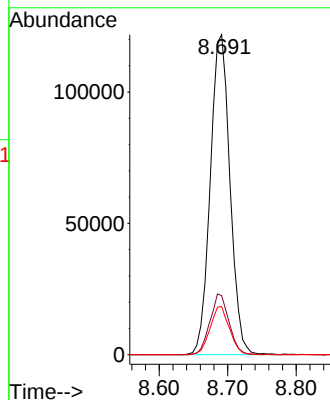
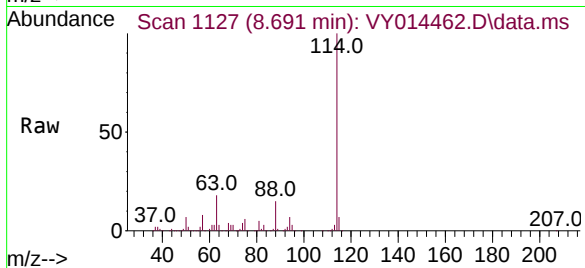
Tgt Ion:114 Resp: 243171

Ion Ratio Lower Upper

114 100

63 18.4 0.0 42.4

88 15.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.337 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY014462.D

Acq: 27 Jun 2023 16:45

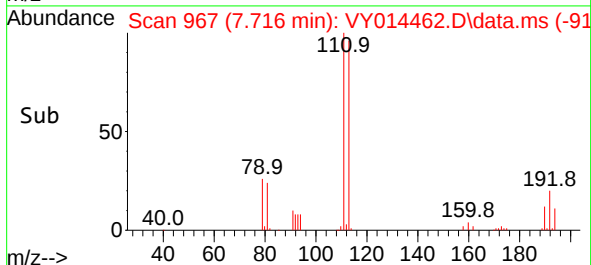
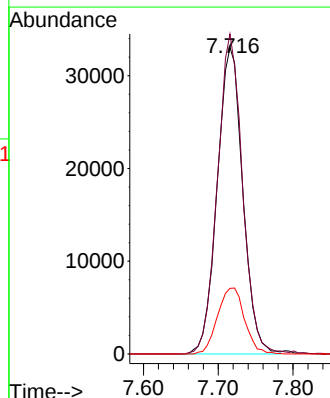
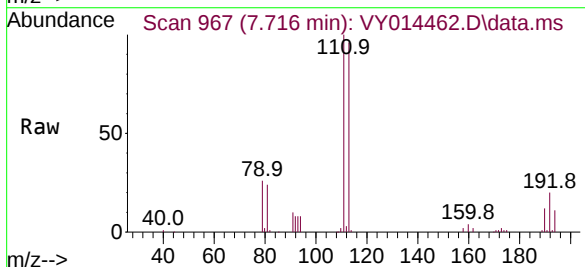
Tgt Ion:113 Resp: 78629

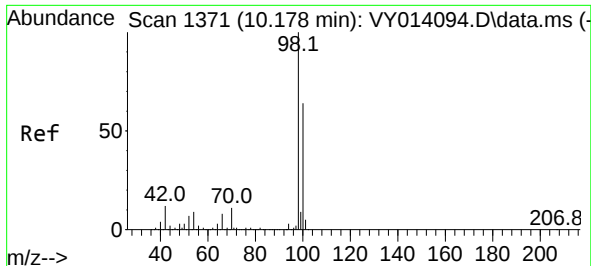
Ion Ratio Lower Upper

113 100

111 102.1 81.3 121.9

192 22.7 16.9 25.3

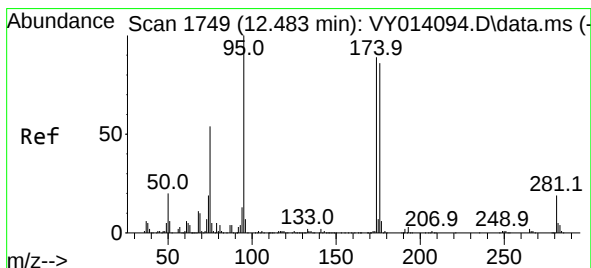
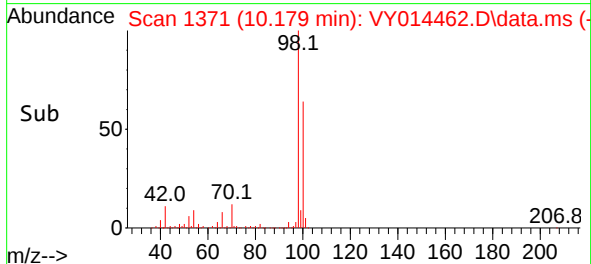
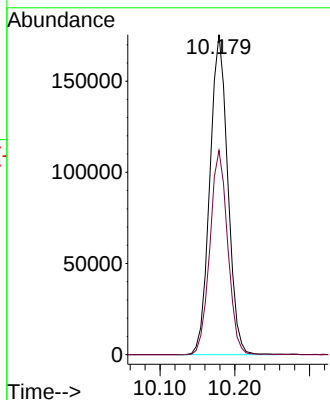
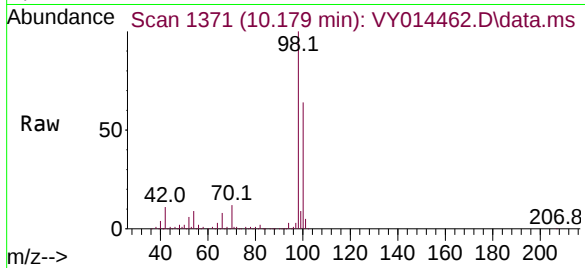




#50
Toluene-d8
Concen: 49.113 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014462.D
Acq: 27 Jun 2023 16:45

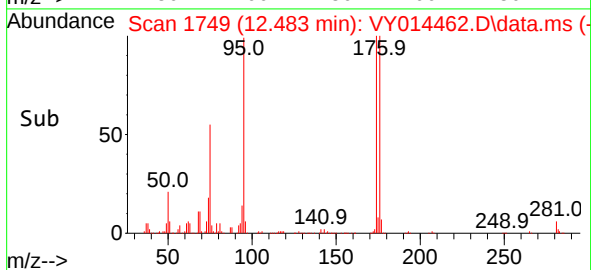
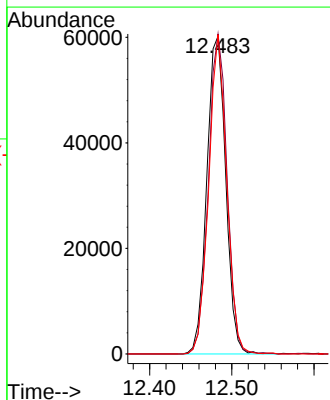
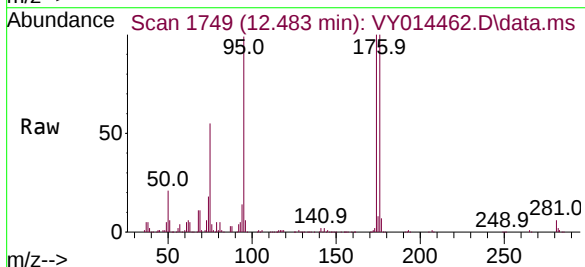
Instrument :
MSVOA_Y
ClientSampleId :
SRY-1

Tgt Ion: 98 Resp: 293304
Ion Ratio Lower Upper
98 100
100 63.3 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 45.112 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014462.D
Acq: 27 Jun 2023 16:45

Tgt Ion: 95 Resp: 96182
Ion Ratio Lower Upper
95 100
174 99.5 0.0 178.2
176 95.5 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: VY014462.D

Acq: 27 Jun 2023 16:45

Instrument :

MSVOA_Y

ClientSampleId :

SRY-1

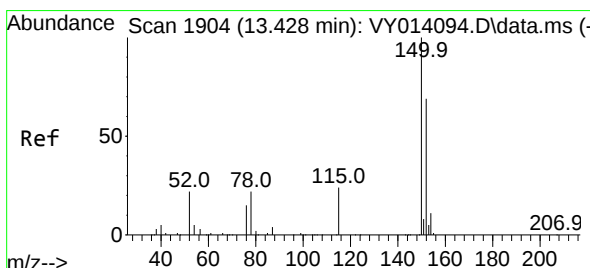
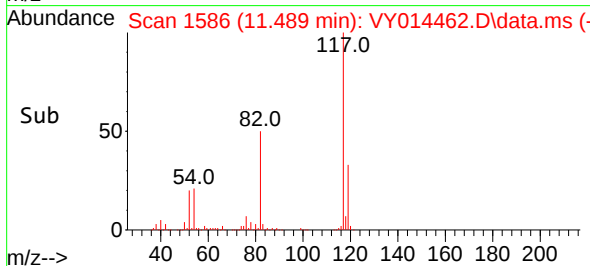
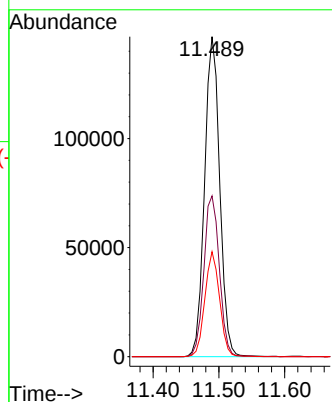
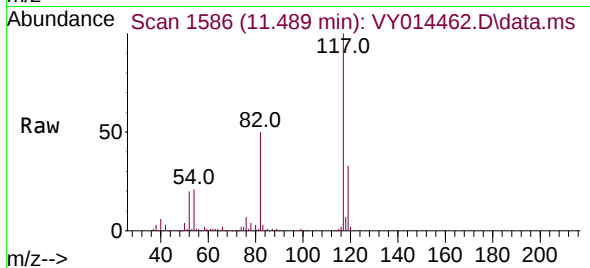
Tgt Ion:117 Resp: 235264

Ion Ratio Lower Upper

117 100

82 50.3 43.4 65.0

119 32.8 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: VY014462.D

Acq: 27 Jun 2023 16:45

Tgt Ion:152 Resp: 113160

Ion Ratio Lower Upper

152 100

115 54.5 28.8 86.5

150 157.2 0.0 348.8

