

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062723\
 Data File : VY014463.D
 Acq On : 27 Jun 2023 17:09
 Operator : KP/MD
 Sample : 03392-06
 Misc : 4.90g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SRY-3

Quant Time: Jun 28 02:27:14 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	161581	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	244610	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	224362	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	87444	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	112731	56.192	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.380%
35) Dibromofluoromethane	7.716	113	78075	51.662	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.320%
50) Toluene-d8	10.179	98	290683	48.387	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.780%
62) 4-Bromofluorobenzene	12.483	95	81446	37.976	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	75.960%

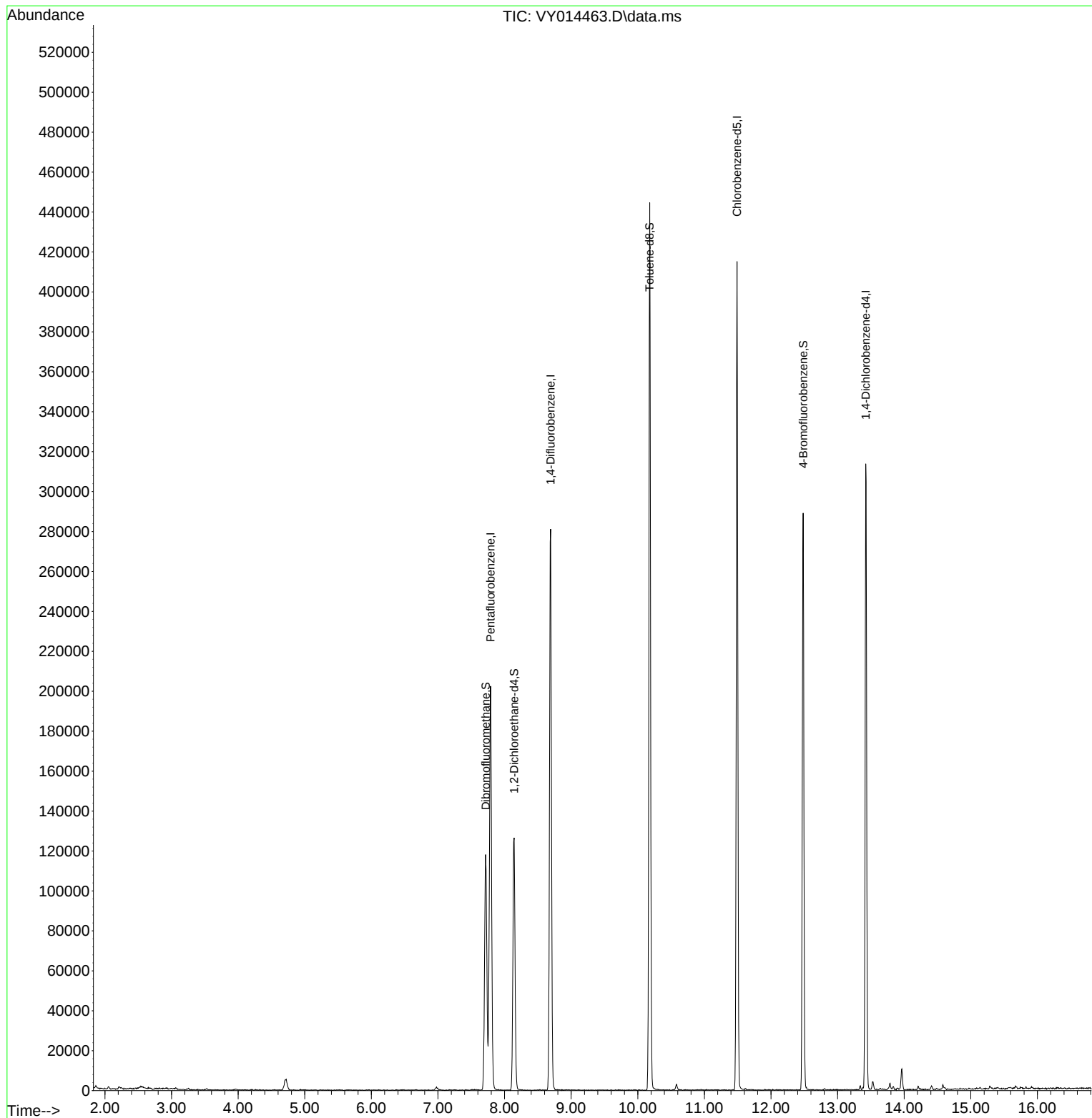
Target Compounds	Qvalue

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

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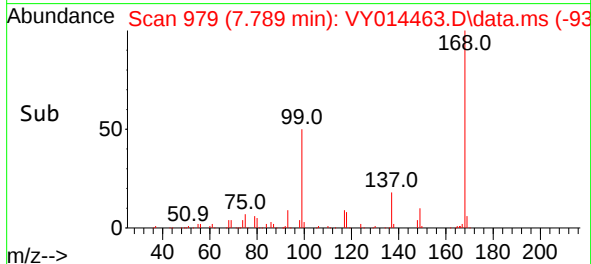
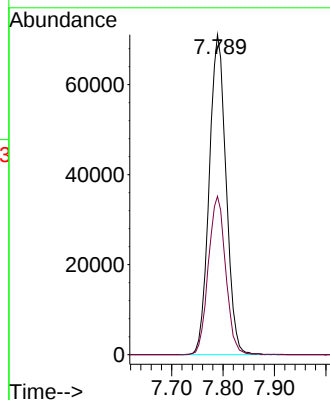
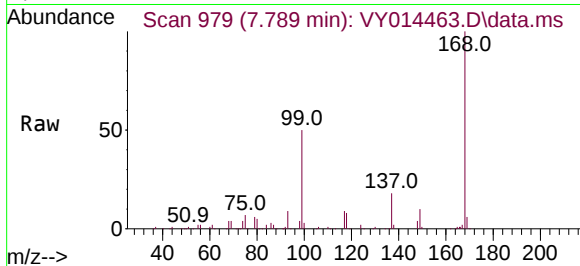




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY014463.D
Acq: 27 Jun 2023 17:09

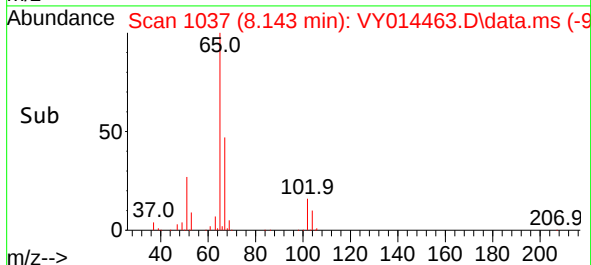
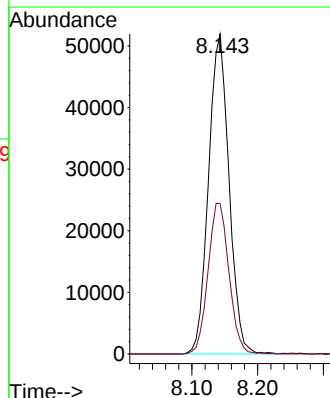
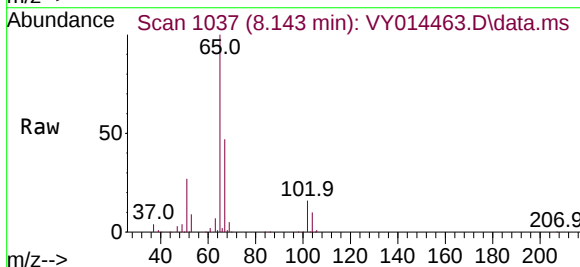
Instrument :
MSVOA_Y
ClientSampleId :
SRY-3

Tgt Ion:168 Resp: 161581
Ion Ratio Lower Upper
168 100
99 49.5 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 56.192 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY014463.D
Acq: 27 Jun 2023 17:09

Tgt Ion: 65 Resp: 112731
Ion Ratio Lower Upper
65 100
67 48.0 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: VY014463.D

Acq: 27 Jun 2023 17:09

Instrument :

MSVOA_Y

ClientSampleId :

SRY-3

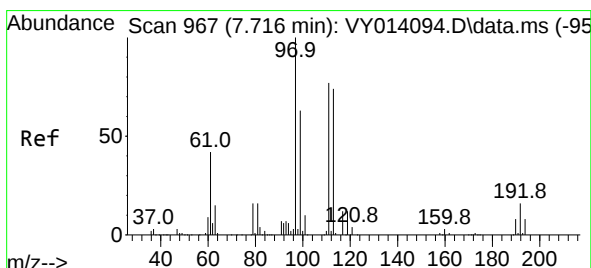
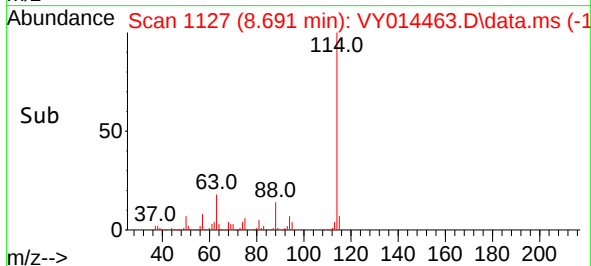
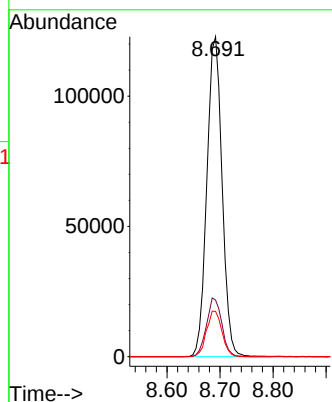
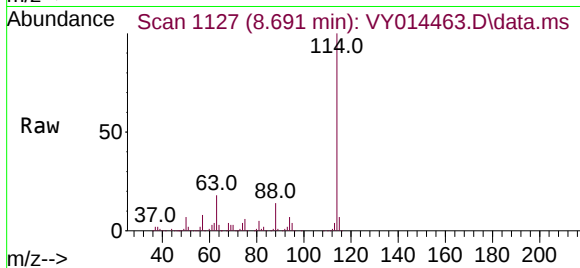
Tgt Ion:114 Resp: 244610

Ion Ratio Lower Upper

114 100

63 17.7 0.0 42.4

88 14.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.662 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY014463.D

Acq: 27 Jun 2023 17:09

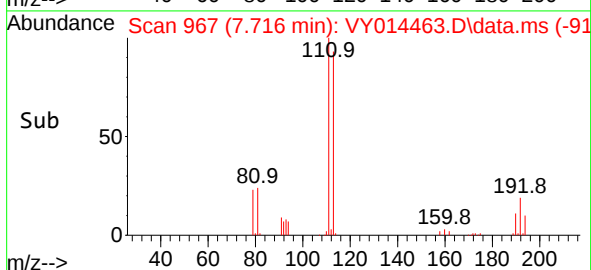
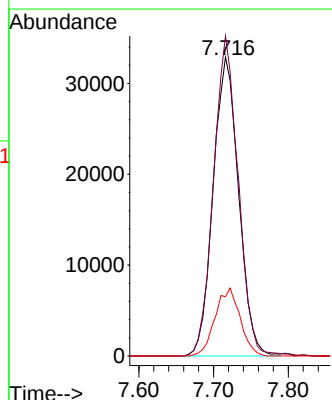
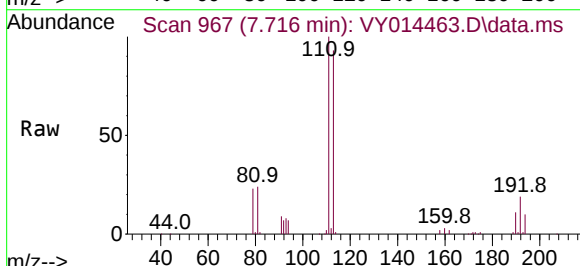
Tgt Ion:113 Resp: 78075

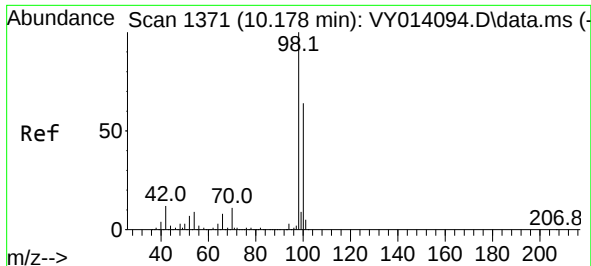
Ion Ratio Lower Upper

113 100

111 103.5 81.3 121.9

192 22.3 16.9 25.3

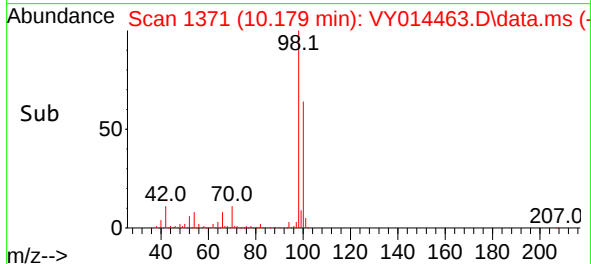
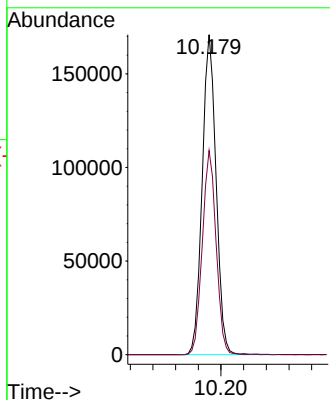
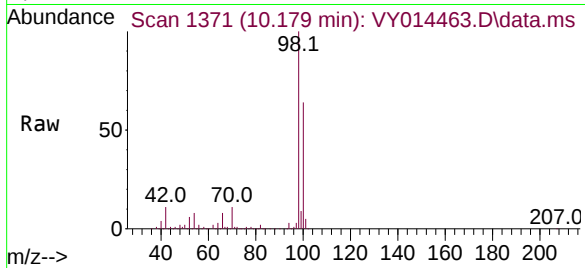




#50
Toluene-d8
Concen: 48.387 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014463.D
Acq: 27 Jun 2023 17:09

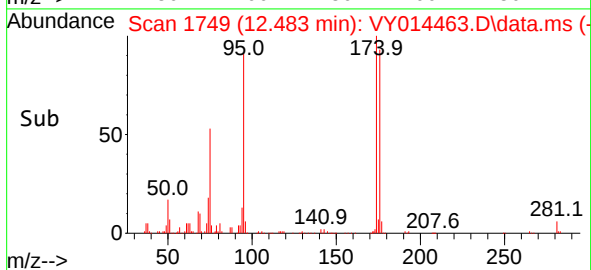
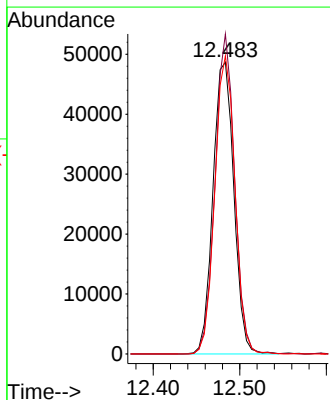
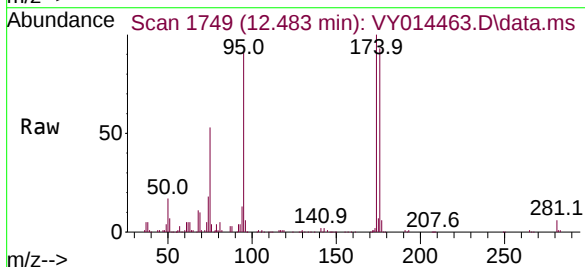
Instrument :
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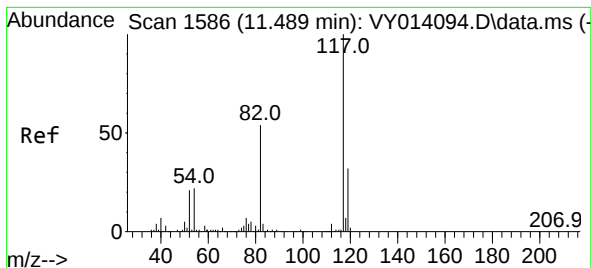
Tgt Ion: 98 Resp: 290683
Ion Ratio Lower Upper
98 100
100 63.2 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 37.976 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014463.D
Acq: 27 Jun 2023 17:09

Tgt Ion: 95 Resp: 81446
Ion Ratio Lower Upper
95 100
174 102.8 0.0 178.2
176 98.7 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: VY014463.D

Acq: 27 Jun 2023 17:09

Instrument :

MSVOA_Y

ClientSampleId :

SRY-3

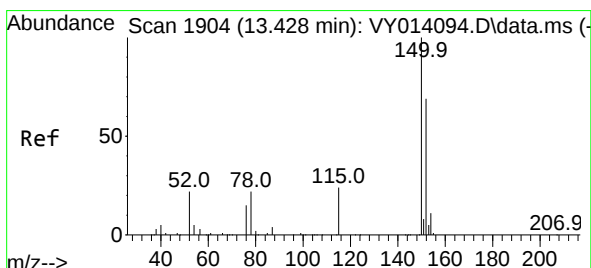
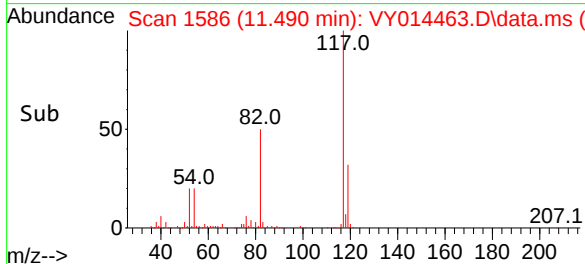
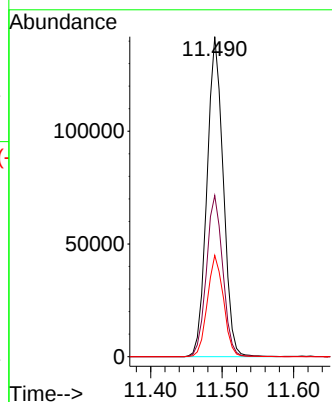
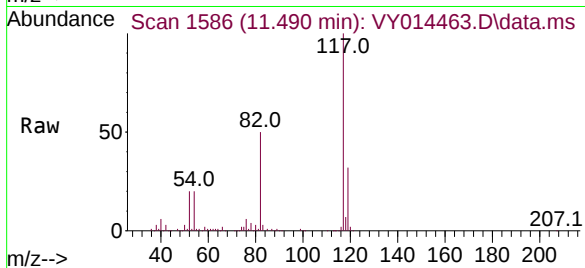
Tgt Ion:117 Resp: 224362

Ion Ratio Lower Upper

117 100

82 50.3 43.4 65.0

119 31.6 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY014463.D

Acq: 27 Jun 2023 17:09

Tgt Ion:152 Resp: 87444

Ion Ratio Lower Upper

152 100

115 53.3 28.8 86.5

150 152.6 0.0 348.8

