

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091523\
 Data File : VY015576.D
 Acq On : 15 Sep 2023 17:49
 Operator : SY/MD
 Sample : 04424-01
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-03-09132023

Quant Time: Sep 15 22:59:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	109018	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	176397	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	152013	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	64201	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	63805	54.597	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.200%
35) Dibromofluoromethane	7.715	113	55810	54.931	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.860%
50) Toluene-d8	10.178	98	206380	56.091	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	112.180%
62) 4-Bromofluorobenzene	12.477	95	61549	45.061	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.120%

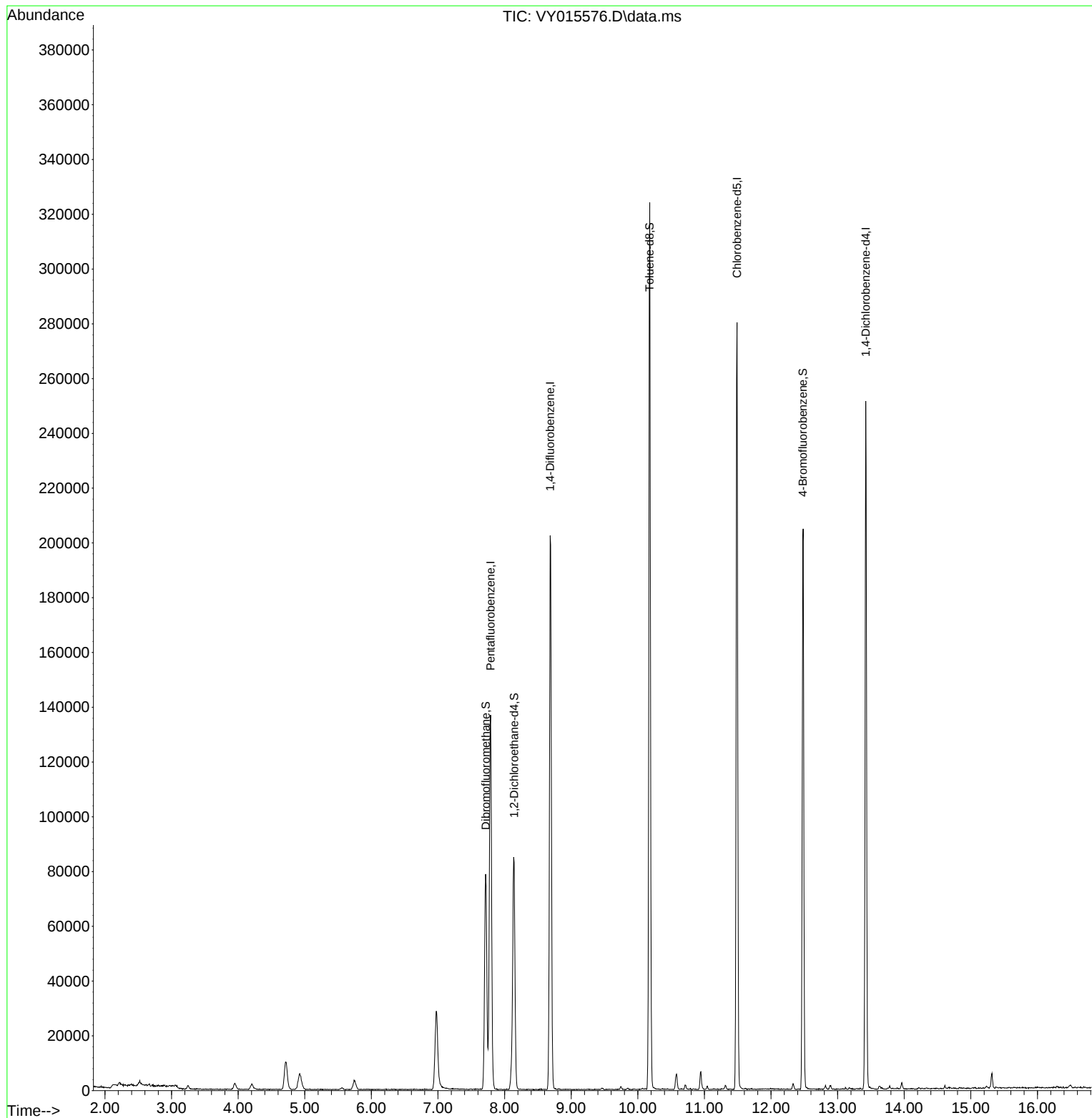
Target Compounds	Qvalue

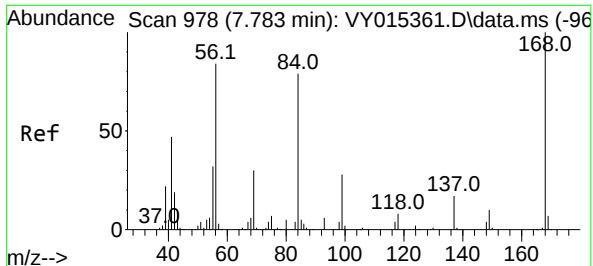
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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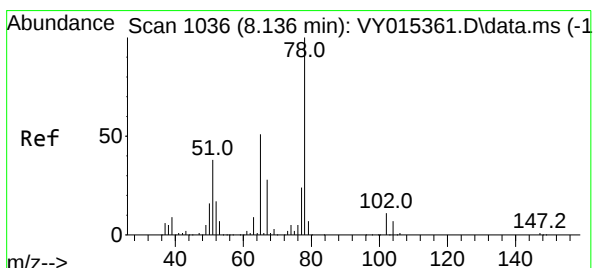
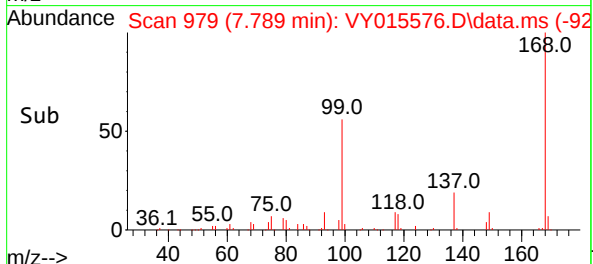
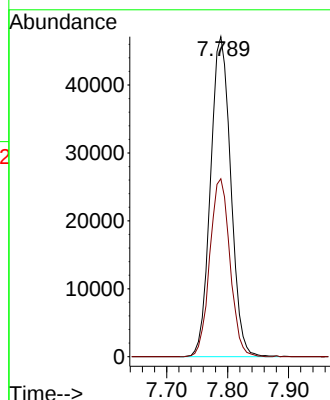
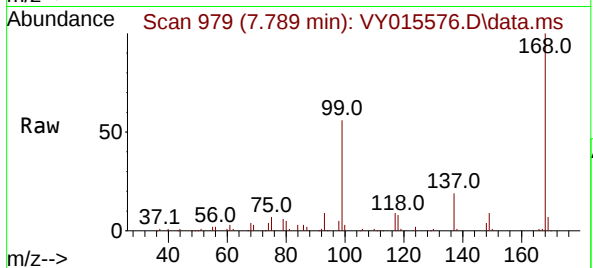




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015576.D
Acq: 15 Sep 2023 17:49

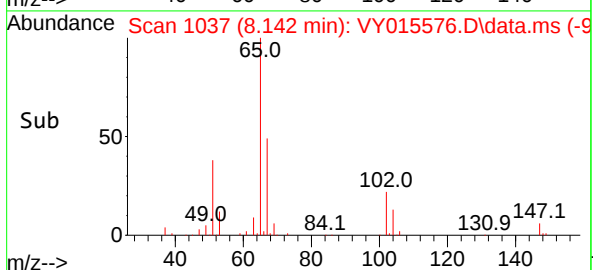
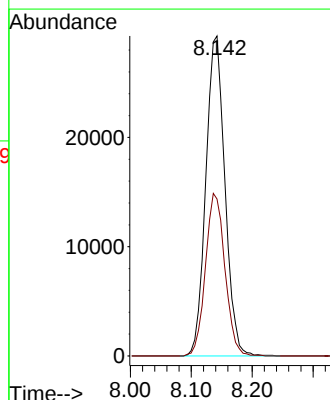
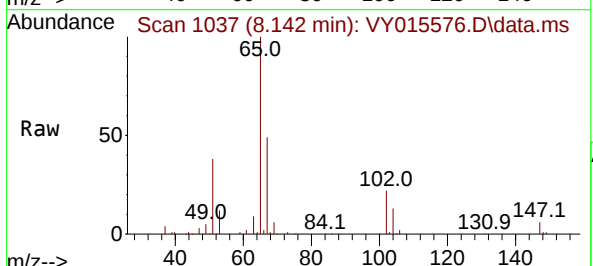
Instrument :
MSVOA_Y
ClientSampleId :
SU-03-09132023

Tgt Ion:168 Resp: 109018
Ion Ratio Lower Upper
168 100
99 55.6 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 54.597 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY015576.D
Acq: 15 Sep 2023 17:49

Tgt Ion: 65 Resp: 63805
Ion Ratio Lower Upper
65 100
67 51.8 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY015576.D

Acq: 15 Sep 2023 17:49

Instrument :

MSVOA_Y

ClientSampleId :

SU-03-09132023

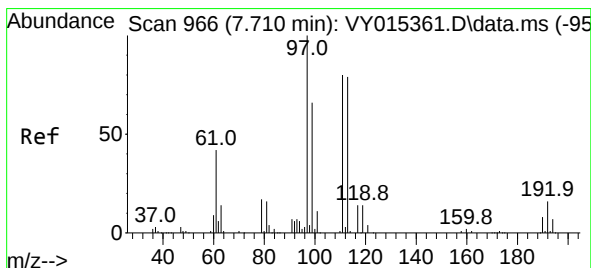
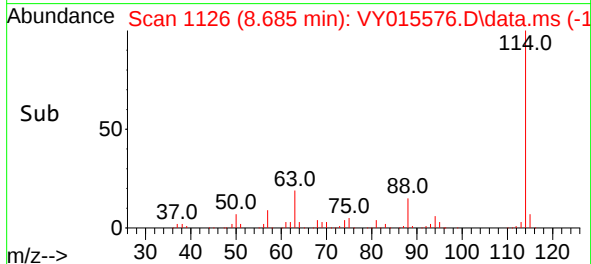
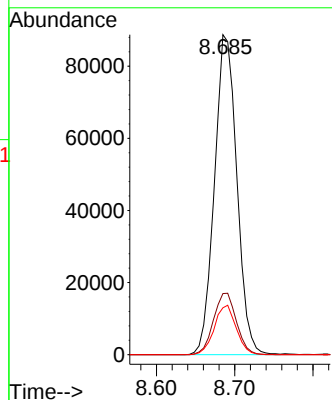
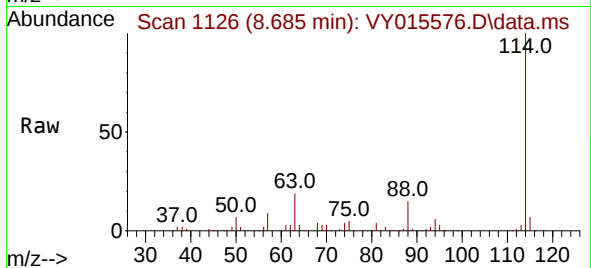
Tgt Ion:114 Resp: 176397

Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.4

88 14.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.931 ug/l

RT: 7.715 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY015576.D

Acq: 15 Sep 2023 17:49

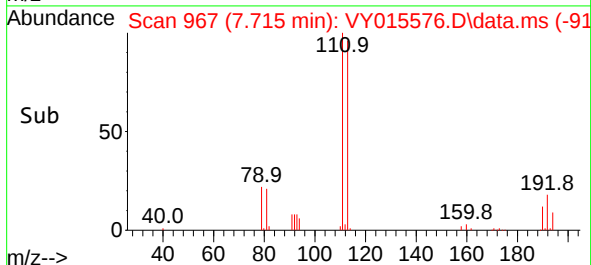
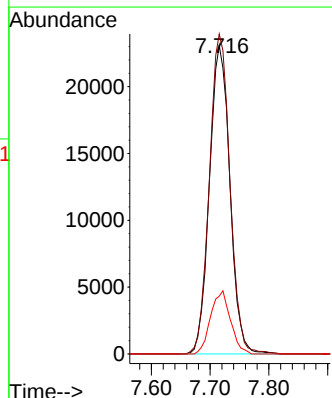
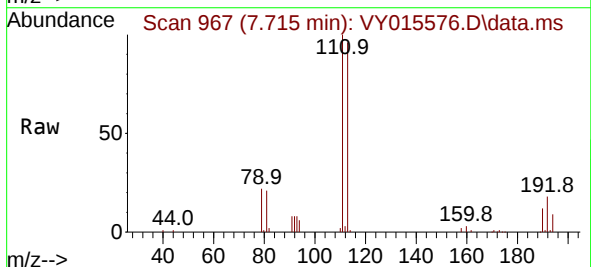
Tgt Ion:113 Resp: 55810

Ion Ratio Lower Upper

113 100

111 104.0 81.3 121.9

192 19.8 16.9 25.3

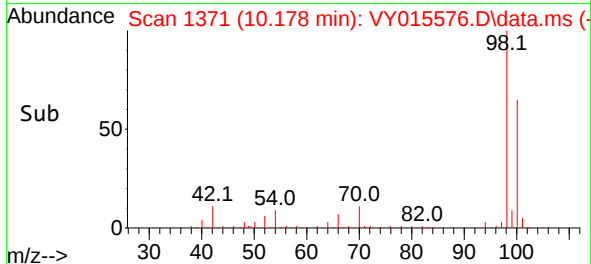
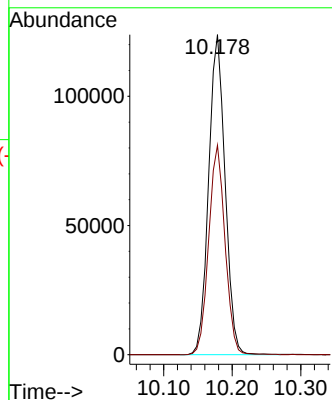
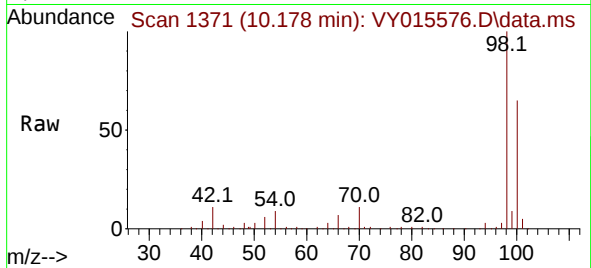




#50
Toluene-d8
Concen: 56.091 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015576.D
Acq: 15 Sep 2023 17:49

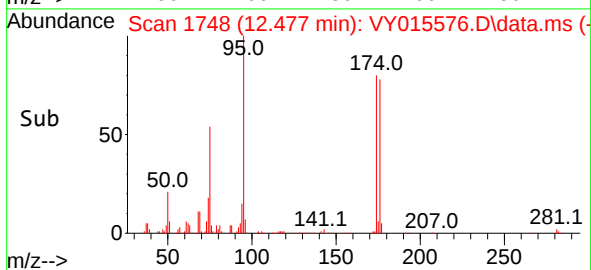
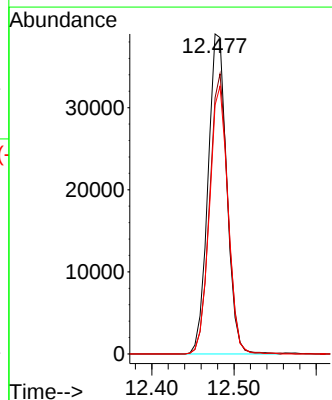
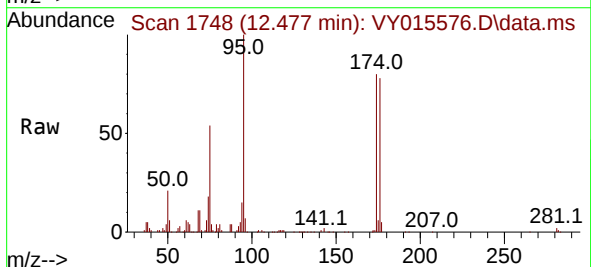
Instrument :
MSVOA_Y
ClientSampleId :
SU-03-09132023

Tgt Ion: 98 Resp: 206380
Ion Ratio Lower Upper
98 100
100 65.2 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 45.061 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY015576.D
Acq: 15 Sep 2023 17:49

Tgt Ion: 95 Resp: 61549
Ion Ratio Lower Upper
95 100
174 85.5 0.0 178.2
176 83.1 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: VY015576.D

Acq: 15 Sep 2023 17:49

Instrument :

MSVOA_Y

ClientSampleId :

SU-03-09132023

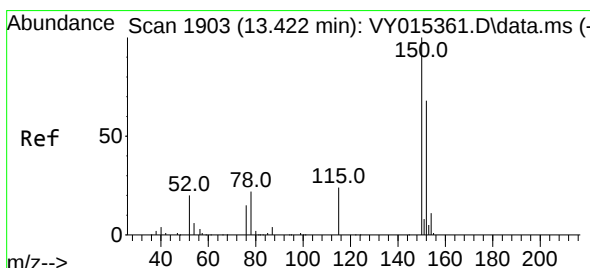
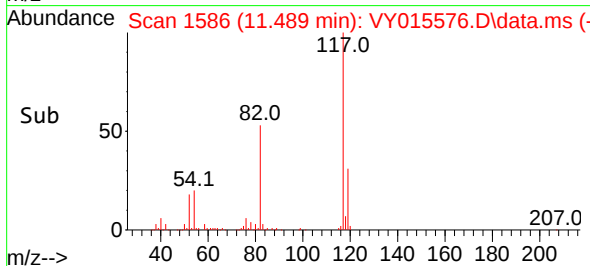
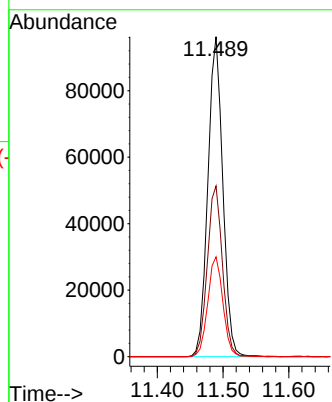
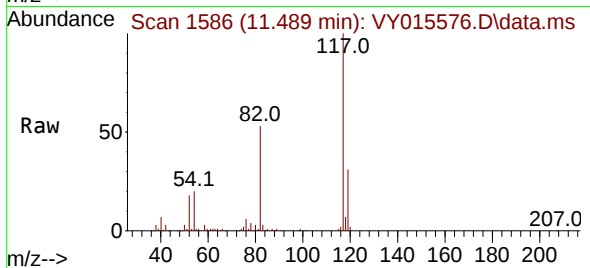
Tgt Ion:117 Resp: 152013

Ion Ratio Lower Upper

117 100

82 53.3 43.4 65.0

119 31.2 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY015576.D

Acq: 15 Sep 2023 17:49

Tgt Ion:152 Resp: 64201

Ion Ratio Lower Upper

152 100

115 58.1 28.8 86.5

150 157.4 0.0 348.8

