

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071823\
 Data File : VY014707.D
 Acq On : 18 Jul 2023 17:31
 Operator : SY/MD
 Sample : 03641-21
 Misc : 3.56g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP16

Quant Time: Jul 19 04:07:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	196571	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	344605	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	327001	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	155135	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	125236	55.909	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.820%
35) Dibromofluoromethane	7.716	113	108820	49.606	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.220%
50) Toluene-d8	10.179	98	408085	50.458	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.920%
62) 4-Bromofluorobenzene	12.477	95	153602	49.532	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.060%

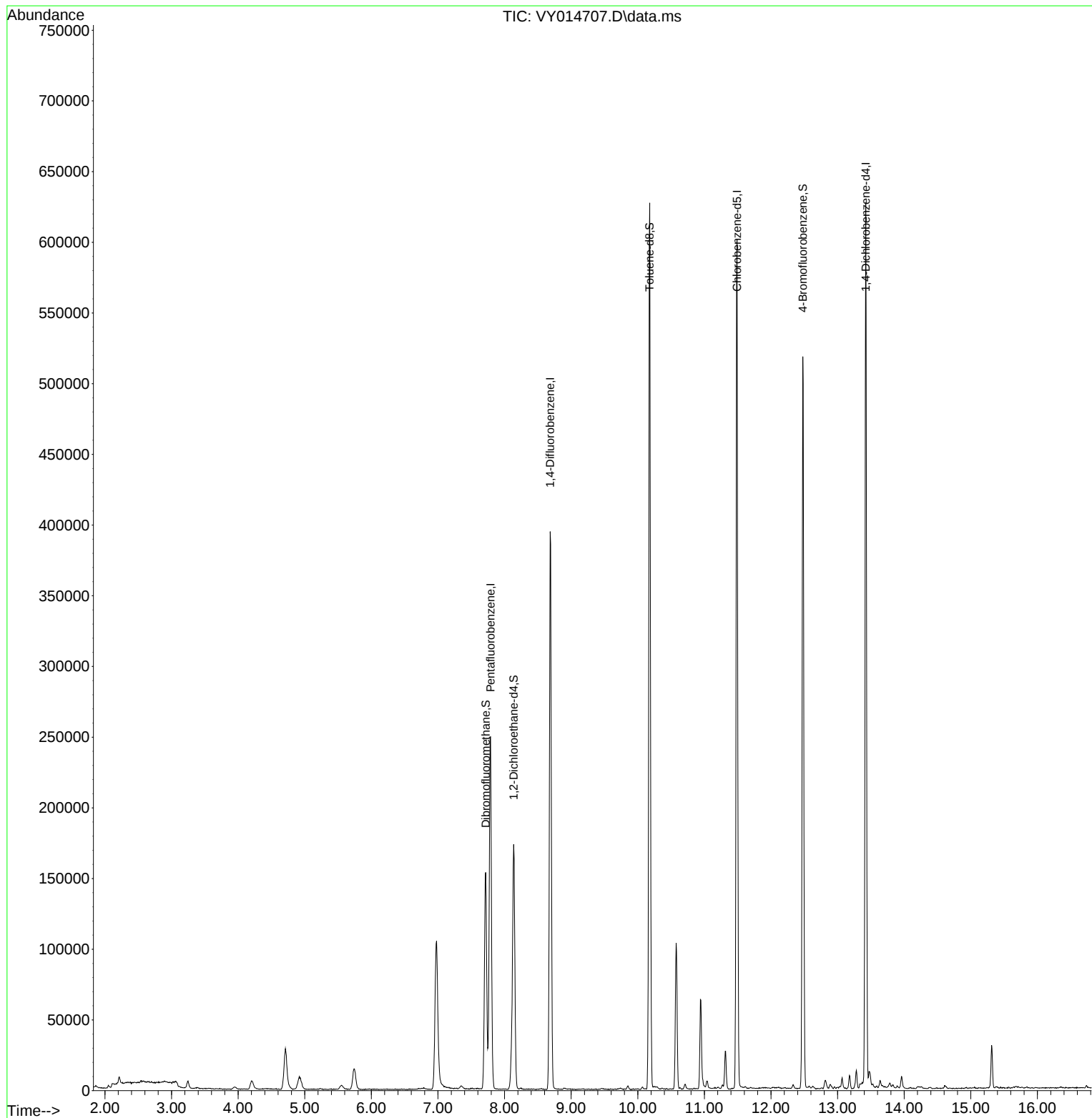
Target Compounds	Qvalue

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

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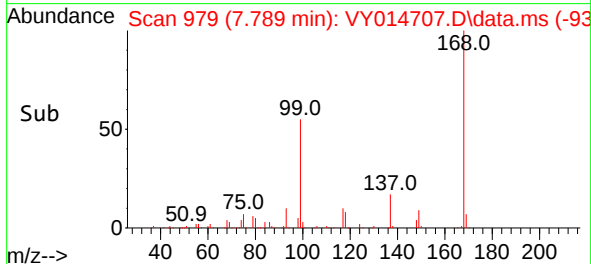
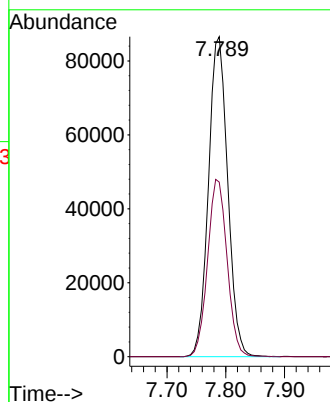
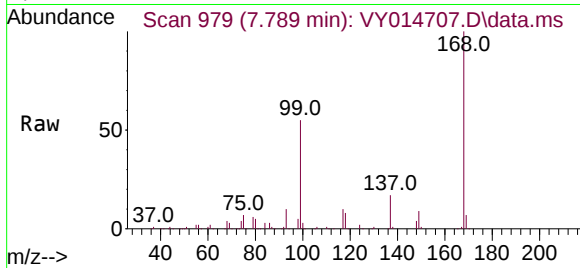




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY014707.D
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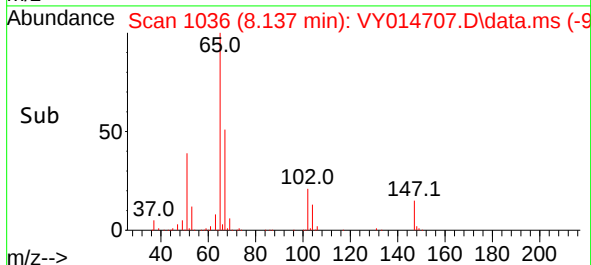
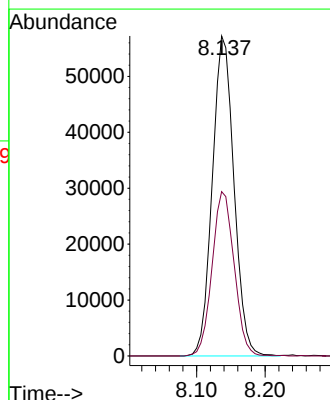
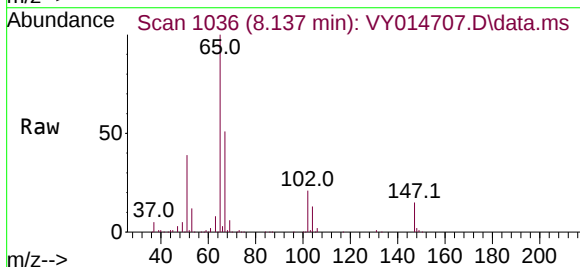
Instrument :
MSVOA_Y
ClientSampleId :
TP16

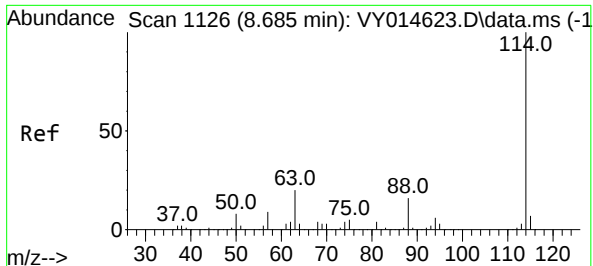
Tgt Ion:168 Resp: 196571
Ion Ratio Lower Upper
168 100
99 54.5 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 55.909 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY014707.D
Acq: 18 Jul 2023 17:31

Tgt Ion: 65 Resp: 125236
Ion Ratio Lower Upper
65 100
67 52.3 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: VY014707.D

Acq: 18 Jul 2023 17:31

Instrument :

MSVOA_Y

ClientSampleId :

TP16

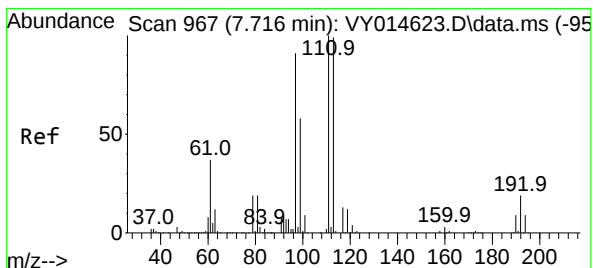
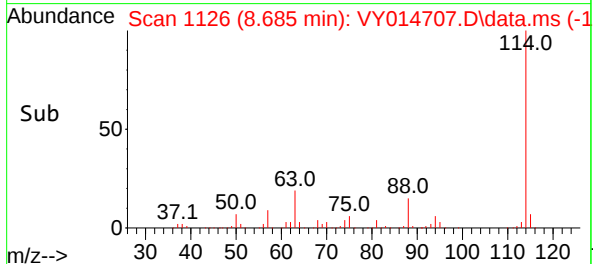
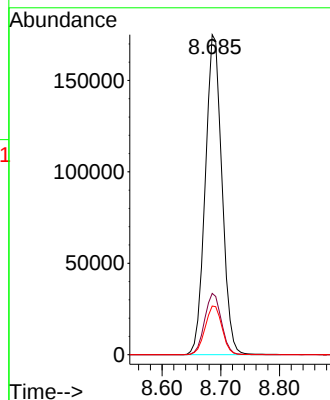
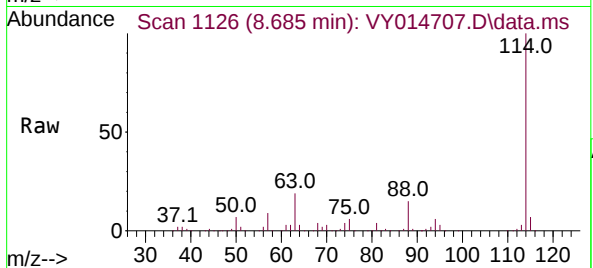
Tgt Ion:114 Resp: 344605

Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.4

88 15.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.606 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY014707.D

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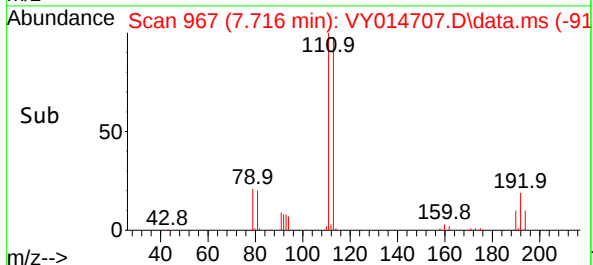
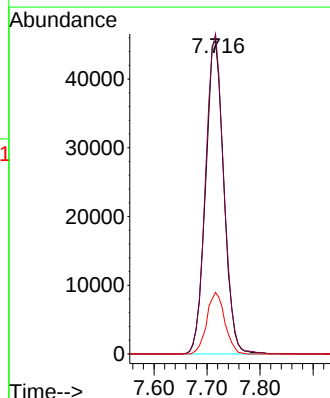
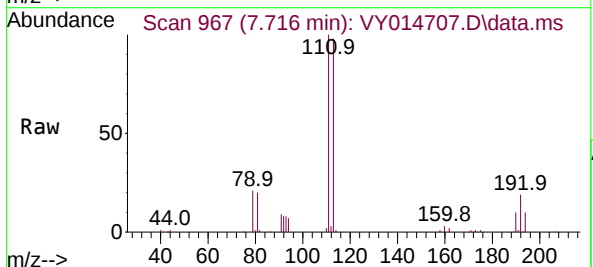
Tgt Ion:113 Resp: 108820

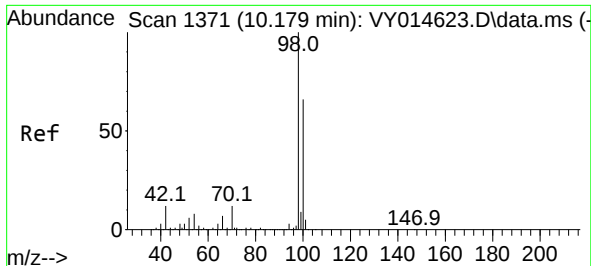
Ion Ratio Lower Upper

113 100

111 101.9 81.3 121.9

192 19.4 16.9 25.3

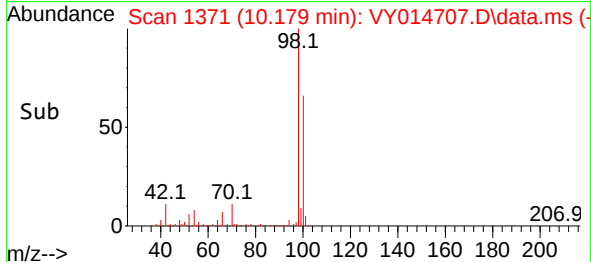
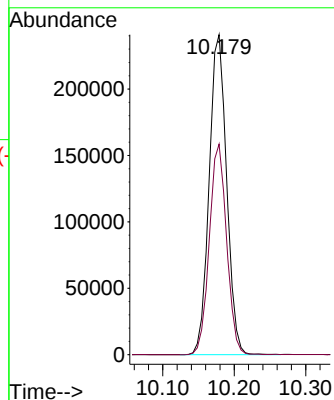
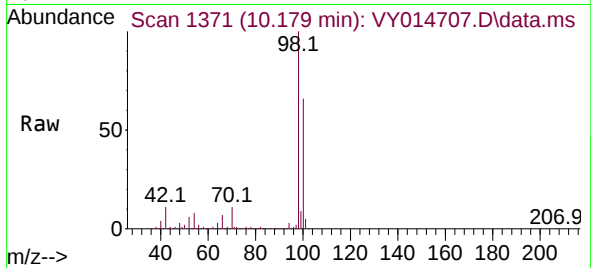




#50
Toluene-d8
Concen: 50.458 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014707.D
Acq: 18 Jul 2023 17:31

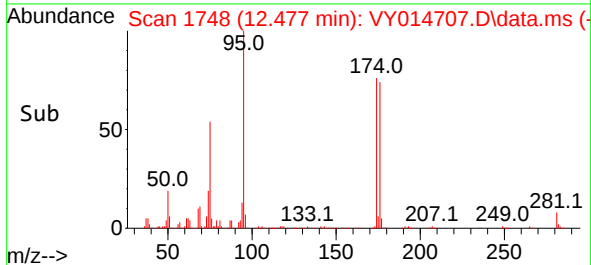
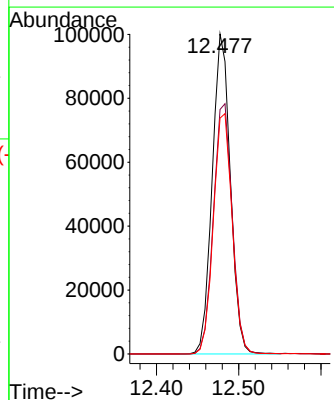
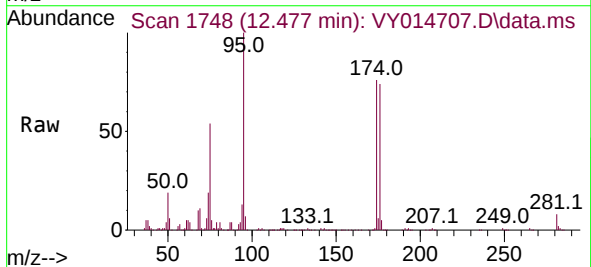
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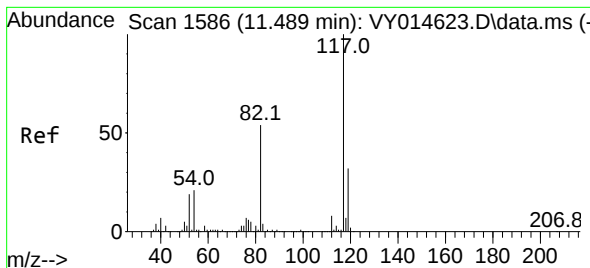
Tgt Ion: 98 Resp: 408085
Ion Ratio Lower Upper
98 100
100 65.3 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 49.532 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014707.D
Acq: 18 Jul 2023 17:31

Tgt Ion: 95 Resp: 153602
Ion Ratio Lower Upper
95 100
174 81.1 0.0 178.2
176 77.8 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: VY014707.D

Acq: 18 Jul 2023 17:31

Instrument :

MSVOA_Y

ClientSampleId :

TP16

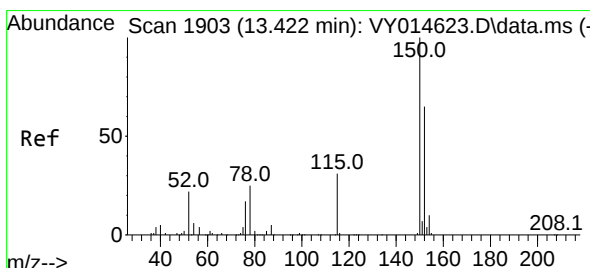
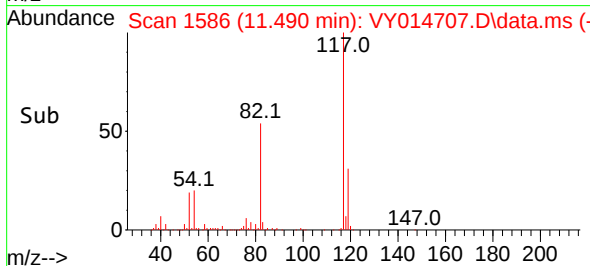
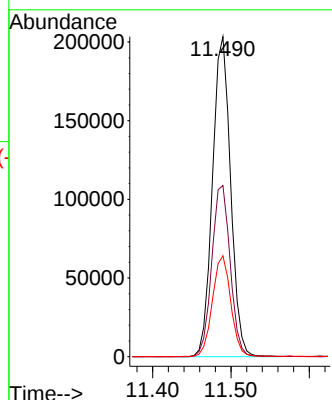
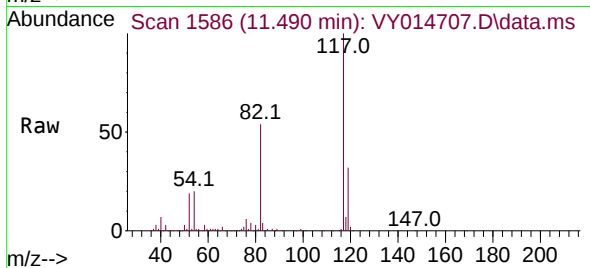
Tgt Ion:117 Resp: 327001

Ion Ratio Lower Upper

117 100

82 53.5 43.4 65.0

119 31.5 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: VY014707.D

Acq: 18 Jul 2023 17:31

Tgt Ion:152 Resp: 155135

Ion Ratio Lower Upper

152 100

115 59.2 28.8 86.5

150 159.3 0.0 348.8

