

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071823\
 Data File : VY014706.D
 Acq On : 18 Jul 2023 17:08
 Operator : SY/MD
 Sample : 03641-11
 Misc : 4.51g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP14

Quant Time: Jul 19 04:06:51 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	198596	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	343603	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	326931	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	154577	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	125659	55.526	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.060%
35) Dibromofluoromethane	7.716	113	109231	49.939	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.880%
50) Toluene-d8	10.179	98	409248	50.749	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.500%
62) 4-Bromofluorobenzene	12.477	95	152780	49.410	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.820%

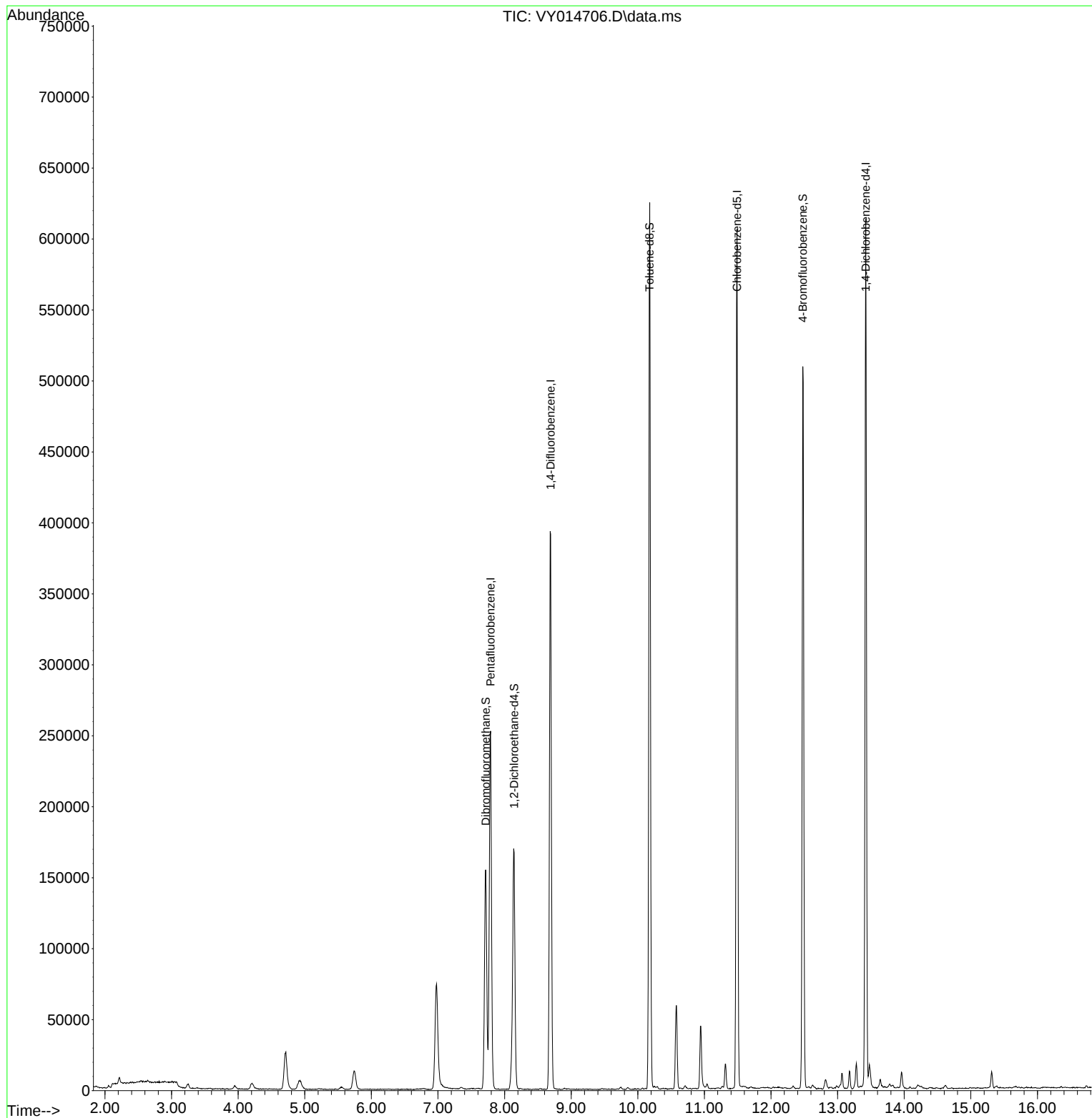
Target Compounds	Qvalue

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

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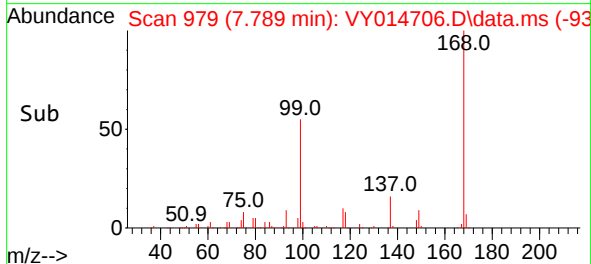
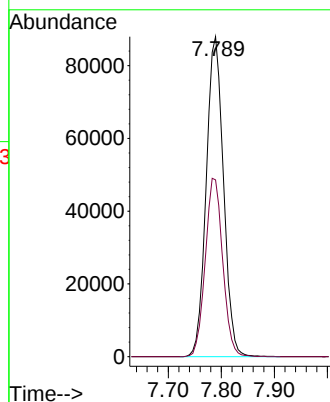
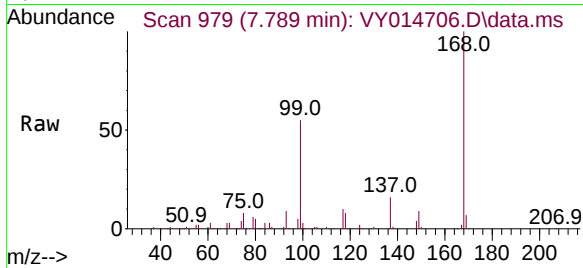




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014706.D
Acq: 18 Jul 2023 17:08

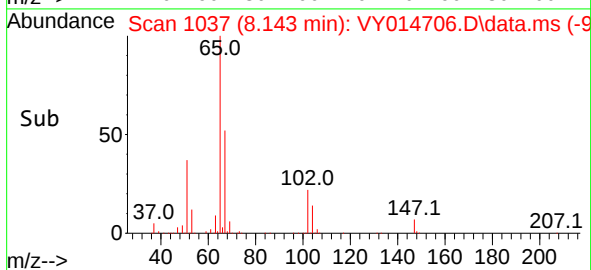
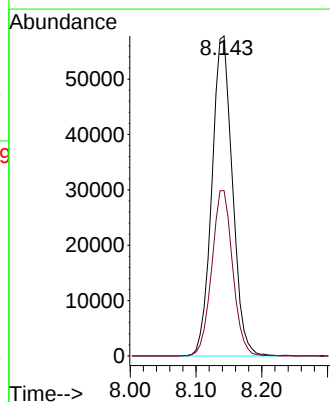
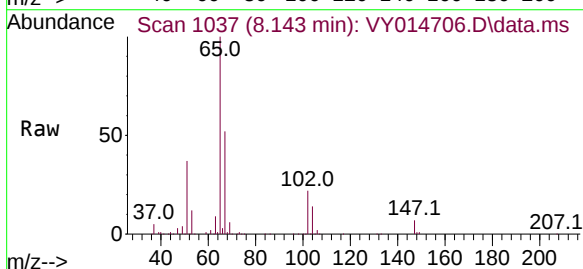
Instrument :
MSVOA_Y
ClientSampleId :
TP14

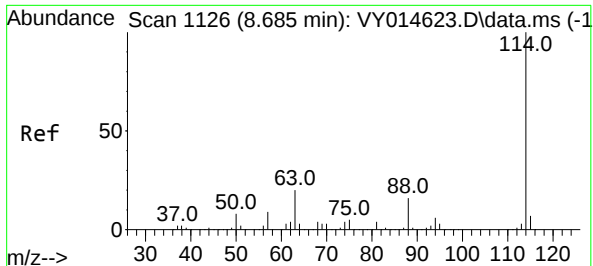
Tgt Ion:168 Resp: 198596
Ion Ratio Lower Upper
168 100
99 55.2 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 55.526 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY014706.D
Acq: 18 Jul 2023 17:08

Tgt Ion: 65 Resp: 125659
Ion Ratio Lower Upper
65 100
67 52.7 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY014706.D

Acq: 18 Jul 2023 17:08

Instrument :

MSVOA_Y

ClientSampleId :

TP14

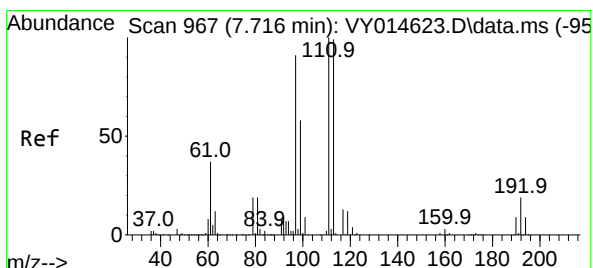
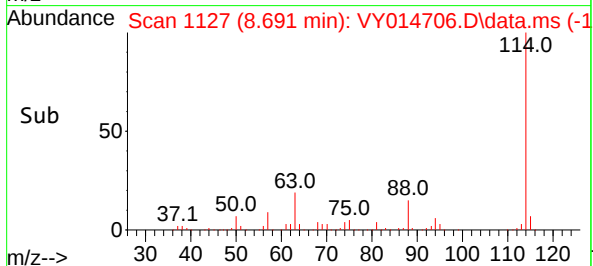
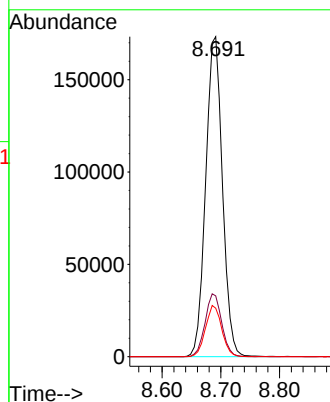
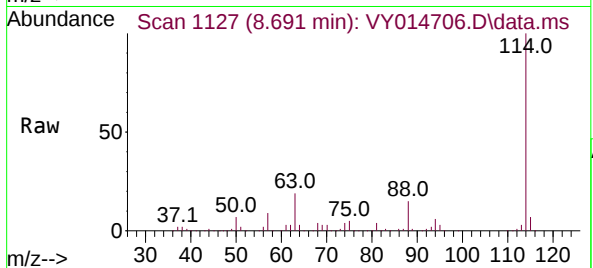
Tgt Ion:114 Resp: 343603

Ion Ratio Lower Upper

114 100

63 19.0 0.0 42.4

88 15.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.939 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY014706.D

Acq: 18 Jul 2023 17:08

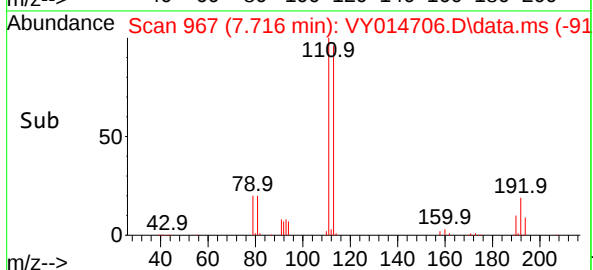
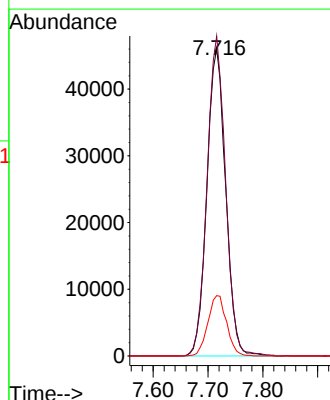
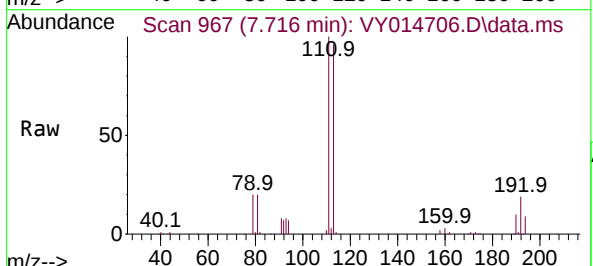
Tgt Ion:113 Resp: 109231

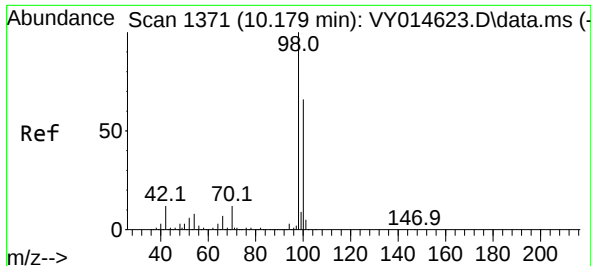
Ion Ratio Lower Upper

113 100

111 102.9 81.3 121.9

192 19.6 16.9 25.3

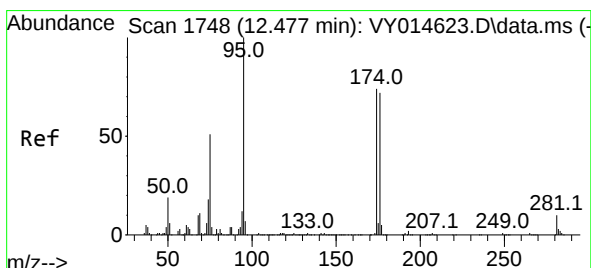
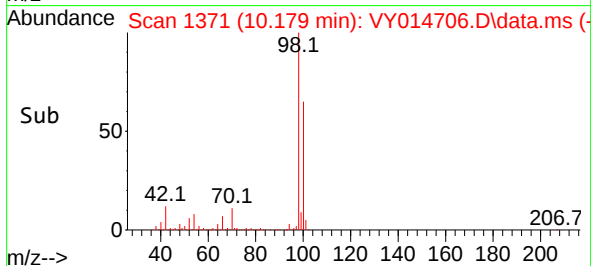
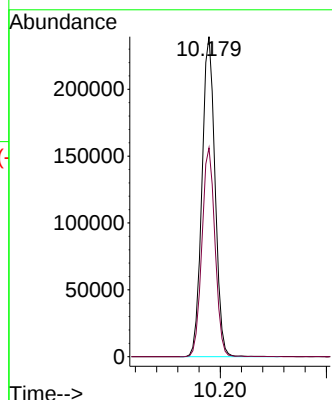
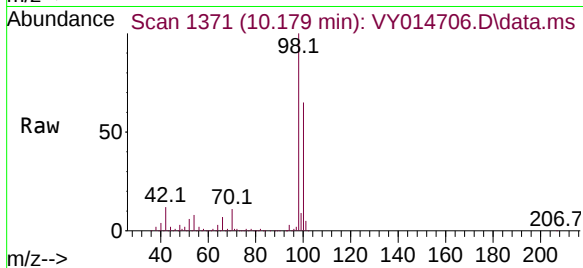




#50
Toluene-d8
Concen: 50.749 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014706.D
Acq: 18 Jul 2023 17:08

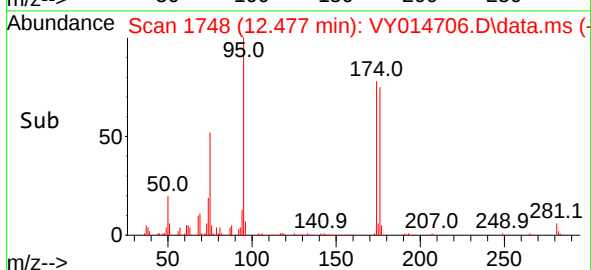
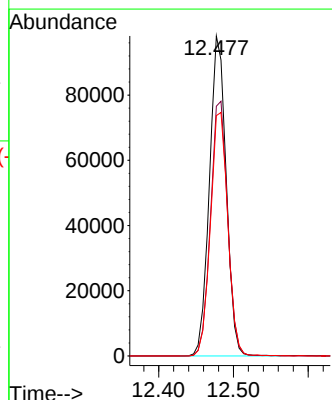
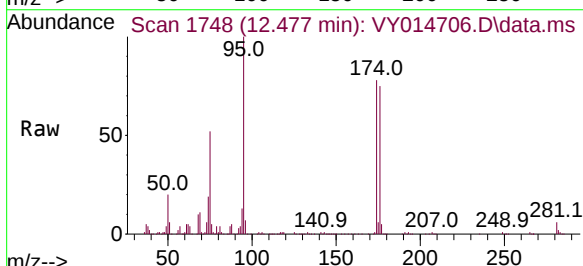
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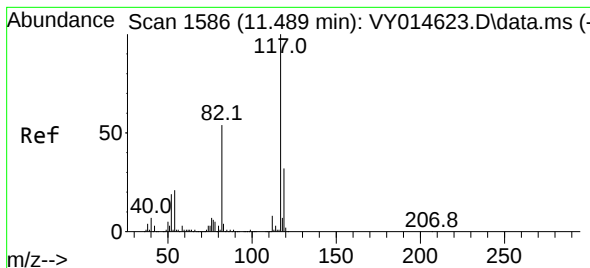
Tgt Ion: 98 Resp: 409248
Ion Ratio Lower Upper
98 100
100 65.3 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 49.410 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014706.D
Acq: 18 Jul 2023 17:08

Tgt Ion: 95 Resp: 152780
Ion Ratio Lower Upper
95 100
174 81.4 0.0 178.2
176 78.8 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: VY014706.D

Acq: 18 Jul 2023 17:08

Instrument :

MSVOA_Y

ClientSampleId :

TP14

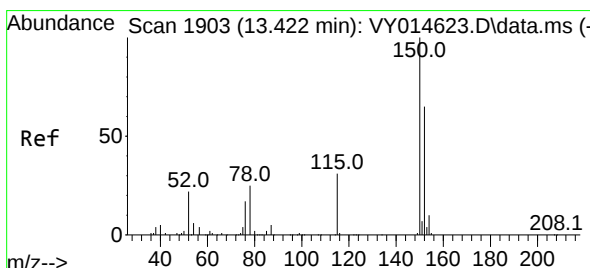
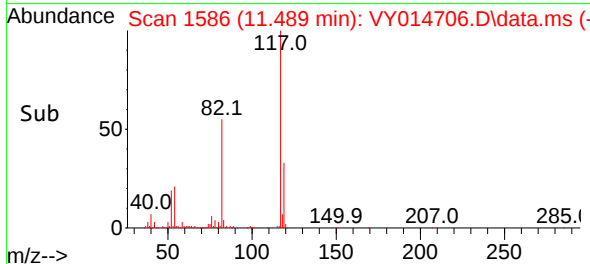
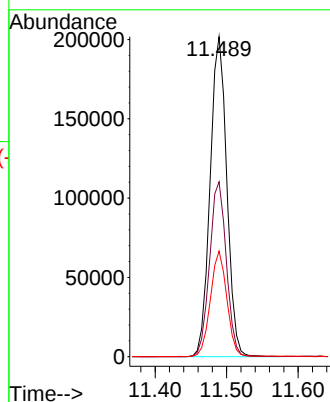
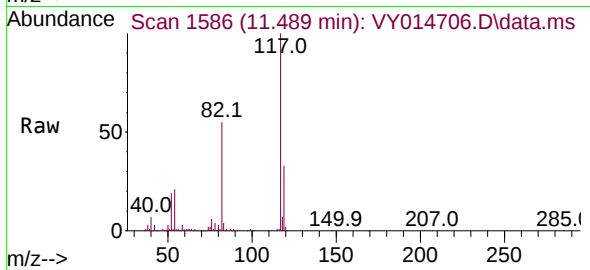
Tgt Ion:117 Resp: 326931

Ion Ratio Lower Upper

117 100

82 54.6 43.4 65.0

119 32.9 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: VY014706.D

Acq: 18 Jul 2023 17:08

Tgt Ion:152 Resp: 154577

Ion Ratio Lower Upper

152 100

115 59.1 28.8 86.5

150 156.1 0.0 348.8

