

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072823\
 Data File : VY014908.D
 Acq On : 28 Jul 2023 14:55
 Operator : SY/MD
 Sample : 03815-04
 Misc : 8.24g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BUILDING-B-21-(0-5)

Quant Time: Jul 29 03:06:25 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	7.783	168	136462	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	245397	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	236133	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	112596	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	87910	56.532	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.060%
35) Dibromofluoromethane	7.709	113	77330	49.503	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.000%
50) Toluene-d8	10.172	98	290851	50.501	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.000%
62) 4-Bromofluorobenzene	12.477	95	106823	48.373	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.740%

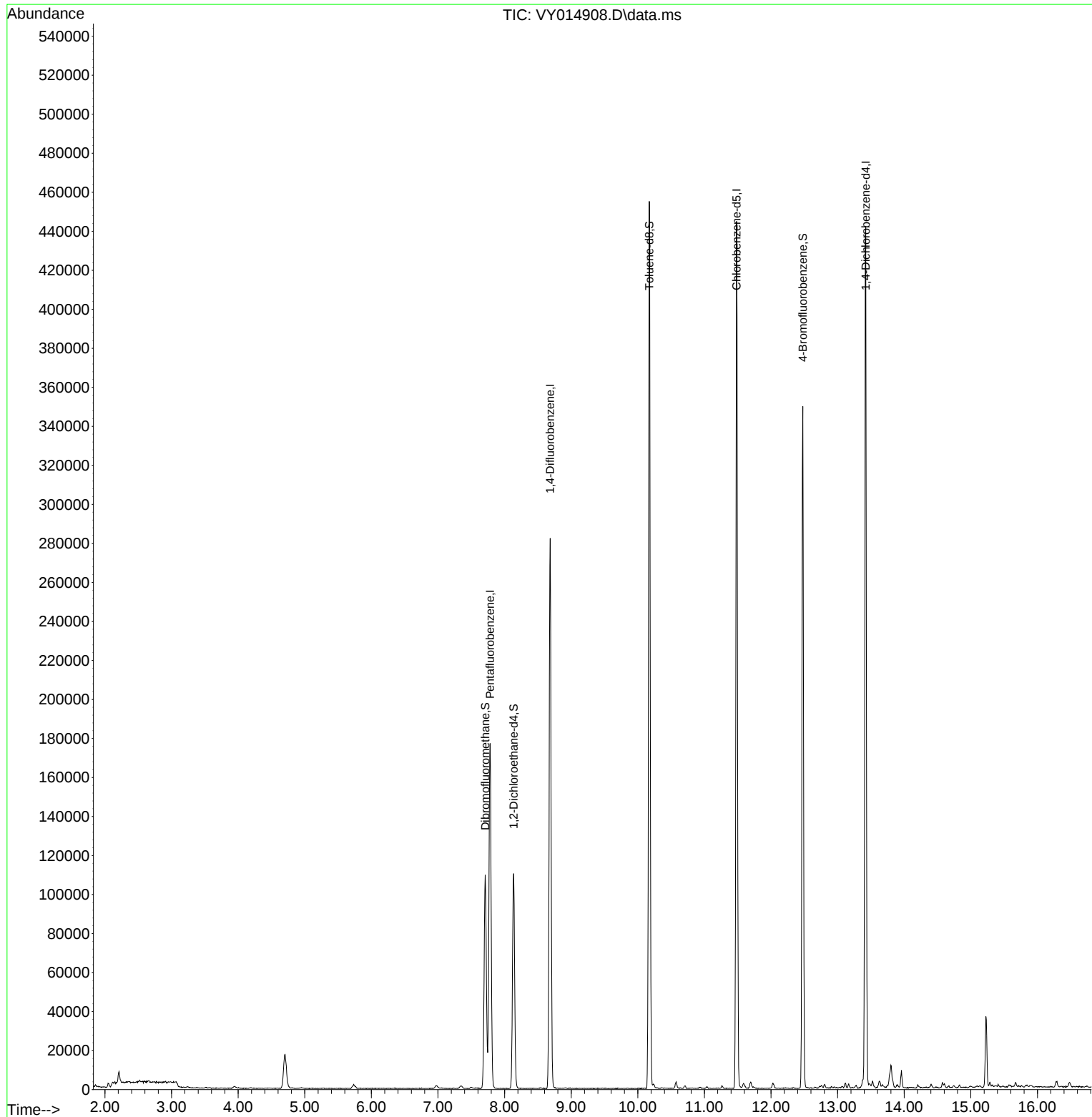
Target Compounds	Qvalue

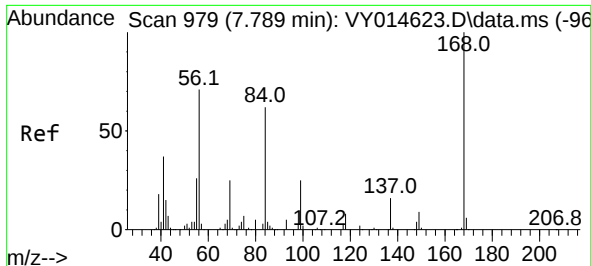
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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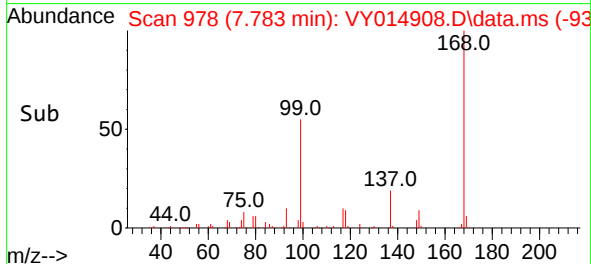
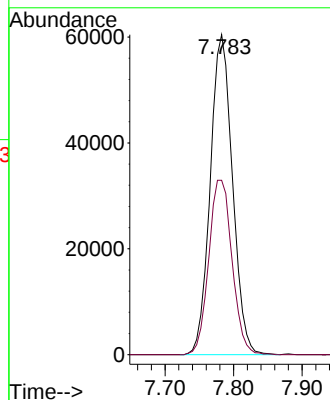
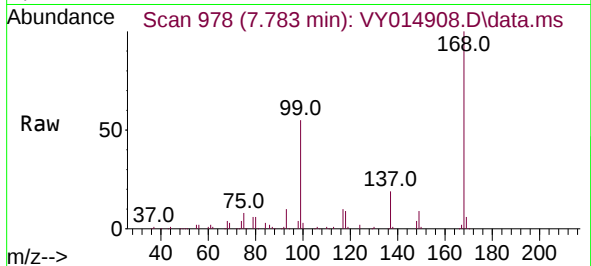




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014908.D
Acq: 28 Jul 2023 14:55

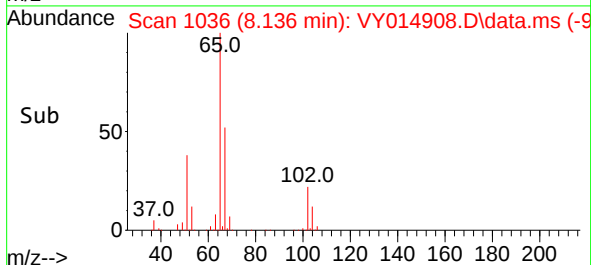
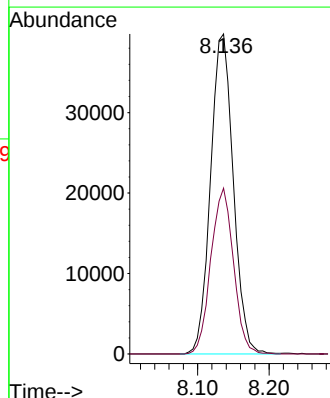
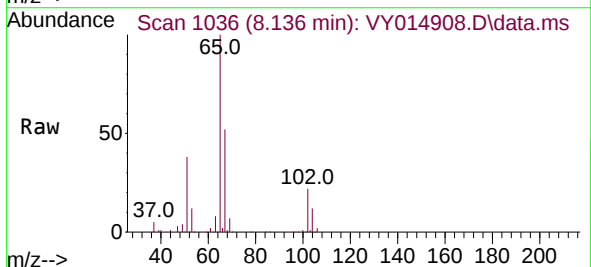
Instrument :
MSVOA_Y
ClientSampleId :
BUILDING-B-21-(0-5)

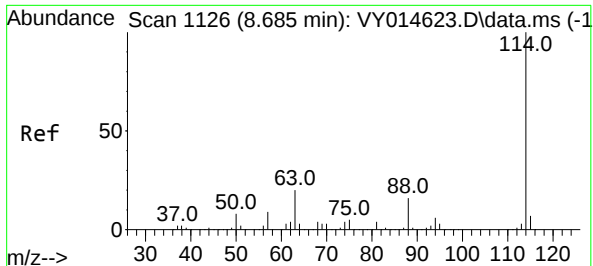
Tgt Ion:168 Resp: 136462
Ion Ratio Lower Upper
168 100
99 54.5 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 56.532 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY014908.D
Acq: 28 Jul 2023 14:55

Tgt Ion: 65 Resp: 87910
Ion Ratio Lower Upper
65 100
67 51.5 0.0 101.8

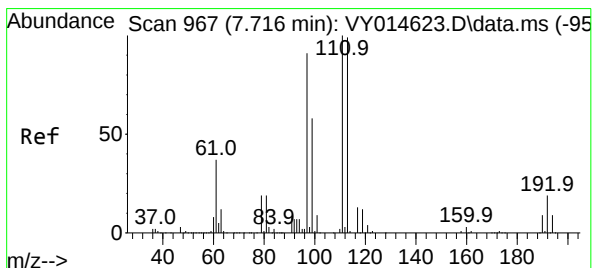
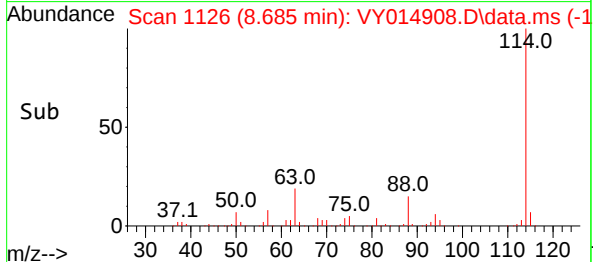
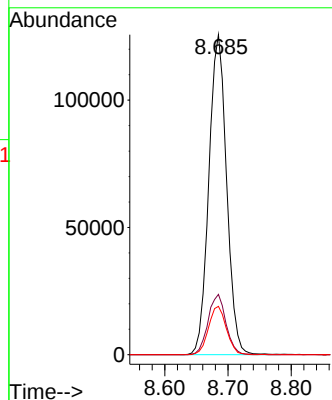
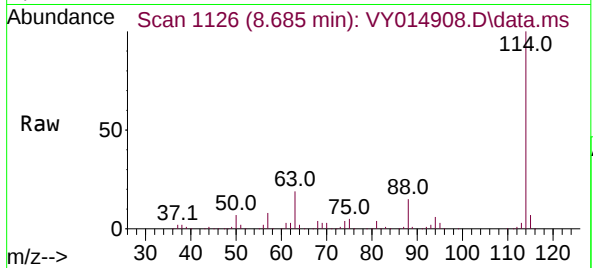




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY014908.D
Acq: 28 Jul 2023 14:55

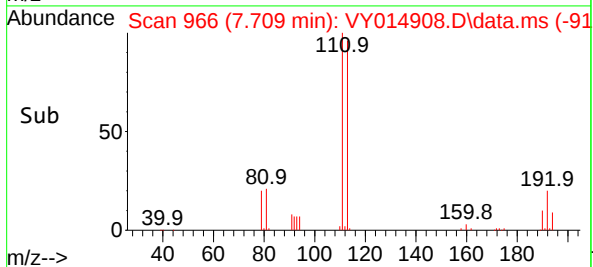
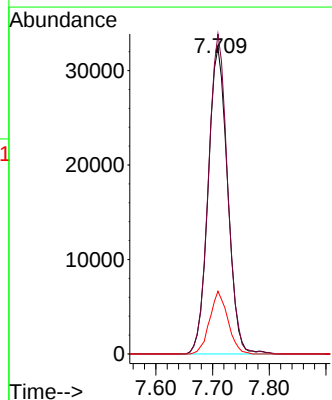
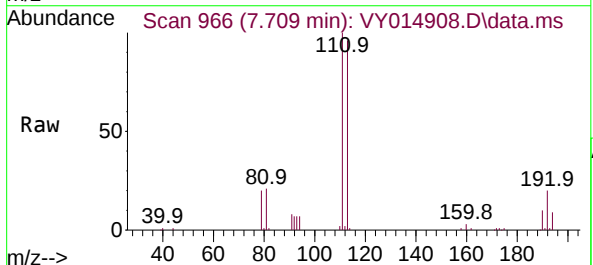
Instrument :
MSVOA_Y
ClientSampleId :
BUILDING-B-21-(0-5)

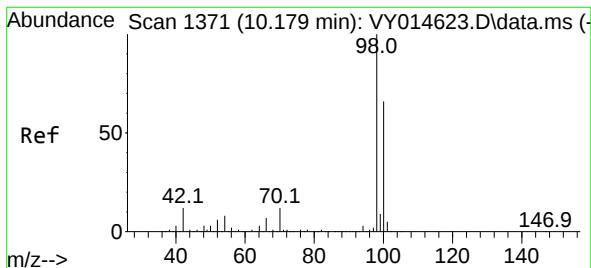
Tgt Ion:114 Resp: 245397
Ion Ratio Lower Upper
114 100
63 18.8 0.0 42.4
88 15.1 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.503 ug/l
RT: 7.709 min Scan# 966
Delta R.T. -0.007 min
Lab File: VY014908.D
Acq: 28 Jul 2023 14:55

Tgt Ion:113 Resp: 77330
Ion Ratio Lower Upper
113 100
111 102.6 81.3 121.9
192 19.1 16.9 25.3





#50

Toluene-d8

Concen: 50.501 ug/l

RT: 10.172 min Scan# 1

Delta R.T. -0.007 min

Lab File: VY014908.D

Acq: 28 Jul 2023 14:55

Instrument :

MSVOA_Y

ClientSampleId :

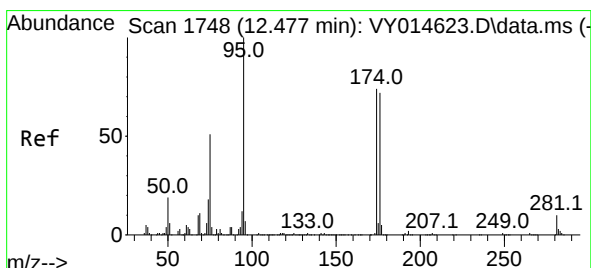
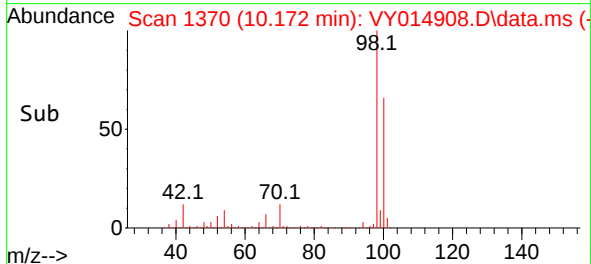
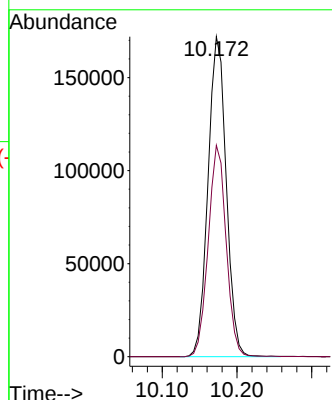
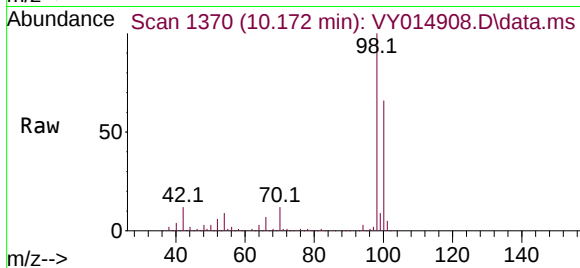
BUILDING-B-21-(0-5)

Tgt Ion: 98 Resp: 290851

Ion Ratio Lower Upper

98 100

100 65.1 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 48.373 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.000 min

Lab File: VY014908.D

Acq: 28 Jul 2023 14:55

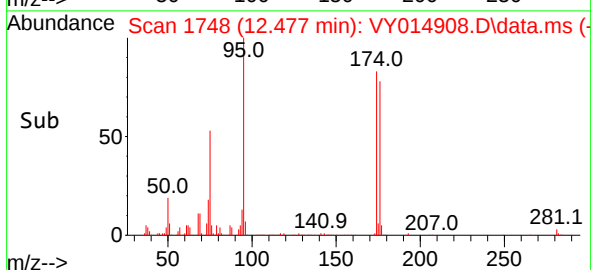
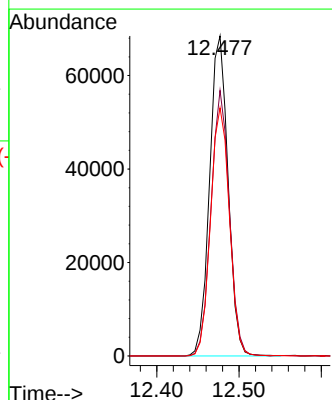
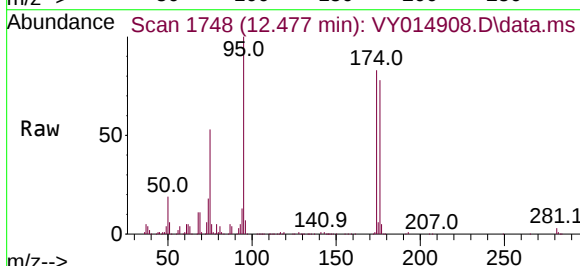
Tgt Ion: 95 Resp: 106823

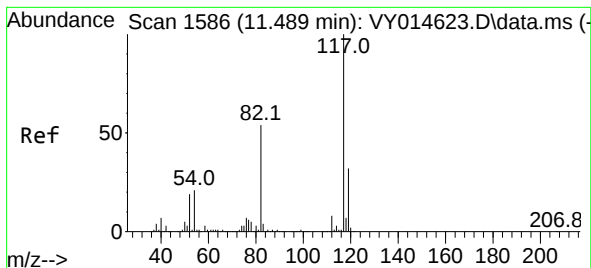
Ion Ratio Lower Upper

95 100

174 82.4 0.0 178.2

176 79.3 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY014908.D

Acq: 28 Jul 2023 14:55

Instrument :

MSVOA_Y

ClientSampleId :

BUILDING-B-21-(0-5)

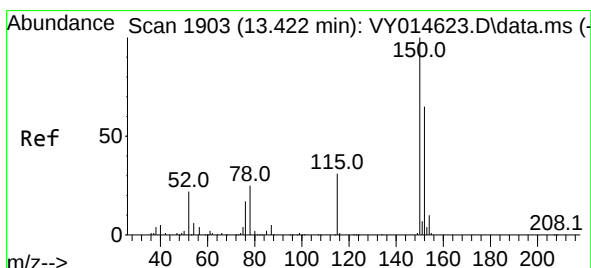
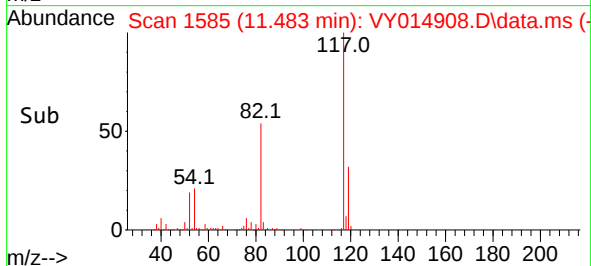
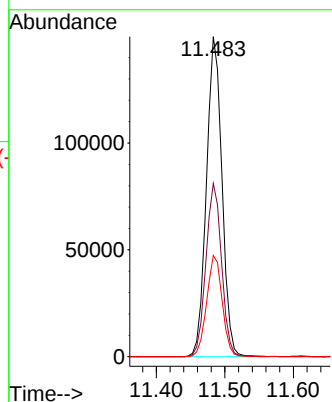
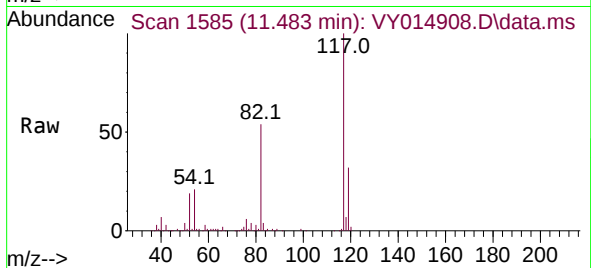
Tgt Ion:117 Resp: 236133

Ion Ratio Lower Upper

117 100

82 54.1 43.4 65.0

119 31.7 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: VY014908.D

Acq: 28 Jul 2023 14:55

Tgt Ion:152 Resp: 112596

Ion Ratio Lower Upper

152 100

115 59.2 28.8 86.5

150 157.8 0.0 348.8

