

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060723\
 Data File : VY014052.D
 Acq On : 07 Jun 2023 12:11
 Operator : KP/MD
 Sample : 03038-01RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-07-060223RE

Quant Time: Jun 07 13:01:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 07:00:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	74221	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	118134	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.496	117	114862	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	50630	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	49151	50.026	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.060%
35) Dibromofluoromethane	7.722	113	41069	54.704	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.400%
50) Toluene-d8	10.185	98	146506	51.160	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.320%
62) 4-Bromofluorobenzene	12.483	95	45304	46.404	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.800%

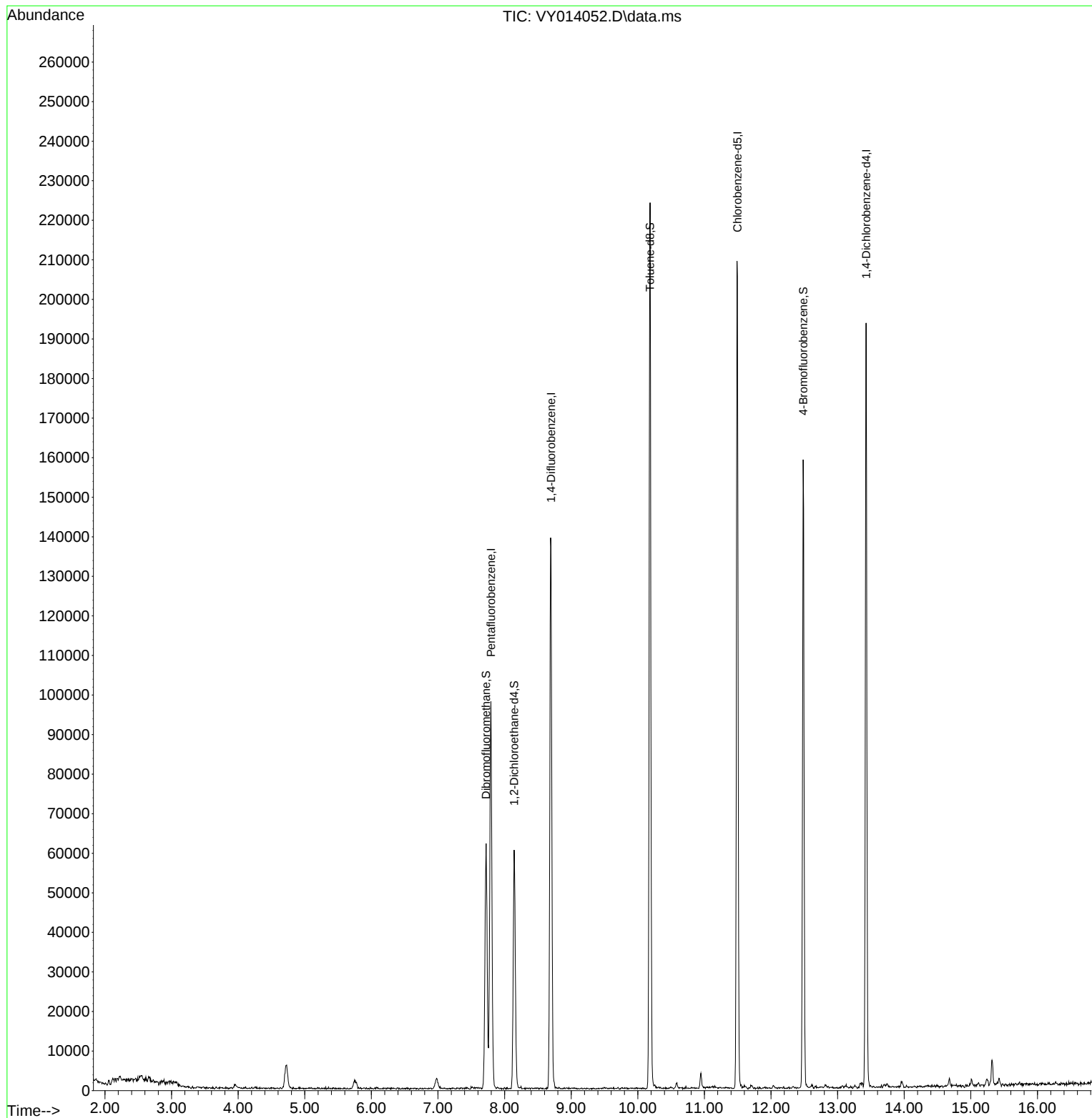
Target Compounds	Qvalue

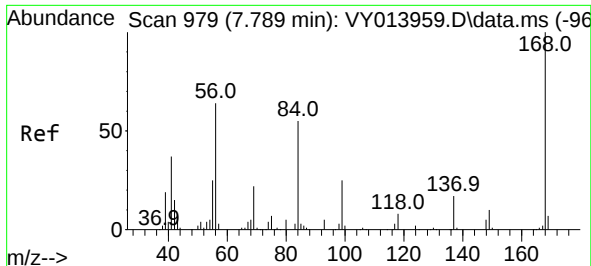
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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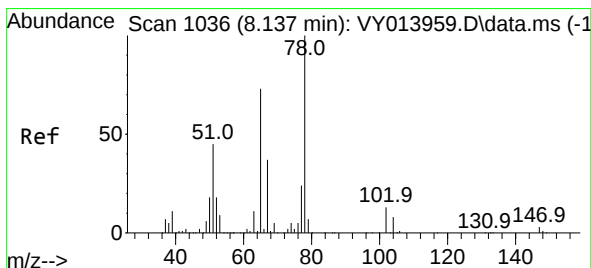
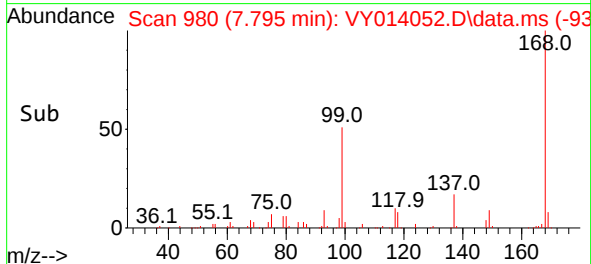
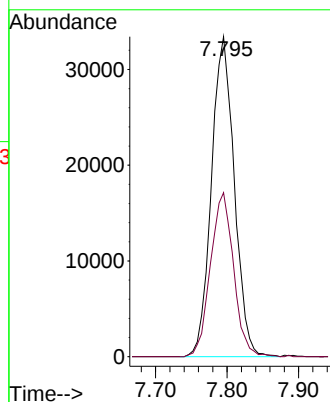
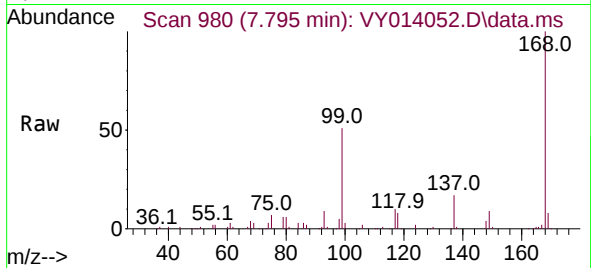




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY014052.D
Acq: 07 Jun 2023 12:11

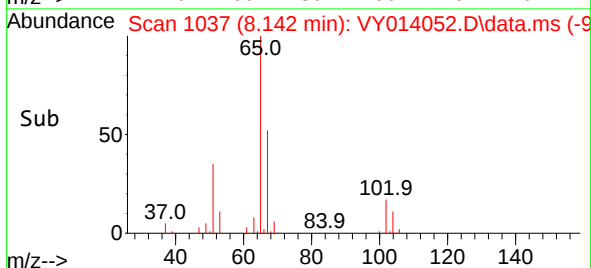
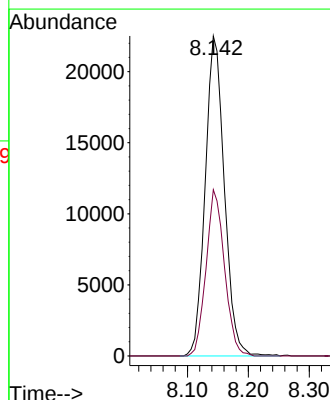
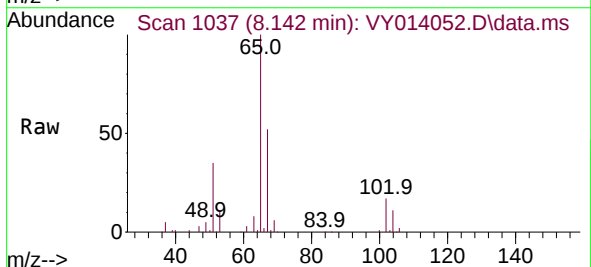
Instrument :
MSVOA_Y
ClientSampleId :
NB-07-060223RE

Tgt Ion:168 Resp: 74221
Ion Ratio Lower Upper
168 100
99 51.3 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 50.026 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY014052.D
Acq: 07 Jun 2023 12:11

Tgt Ion: 65 Resp: 49151
Ion Ratio Lower Upper
65 100
67 50.1 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.012 min

Lab File: VY014052.D

Acq: 07 Jun 2023 12:11

Instrument :

MSVOA_Y

ClientSampleId :

NB-07-060223RE

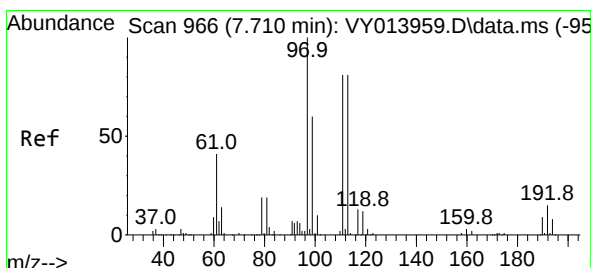
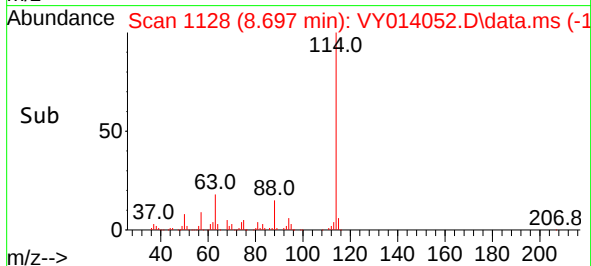
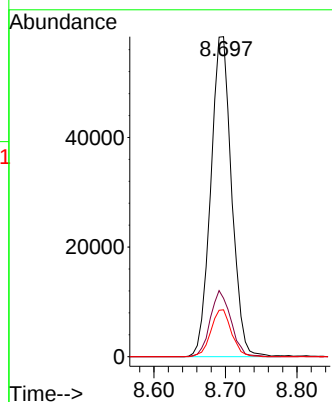
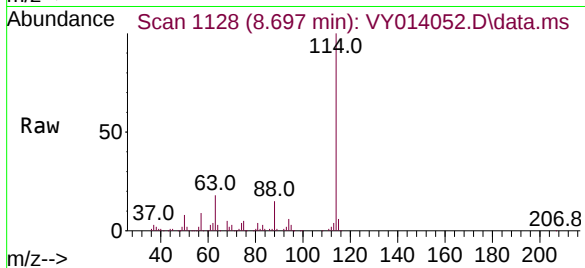
Tgt Ion:114 Resp: 118134

Ion Ratio Lower Upper

114 100

63 18.3 0.0 42.4

88 14.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.704 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.012 min

Lab File: VY014052.D

Acq: 07 Jun 2023 12:11

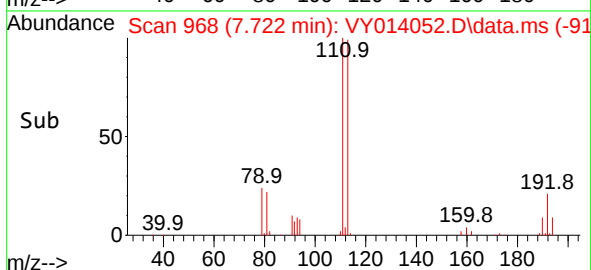
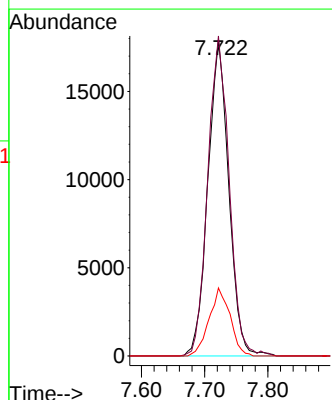
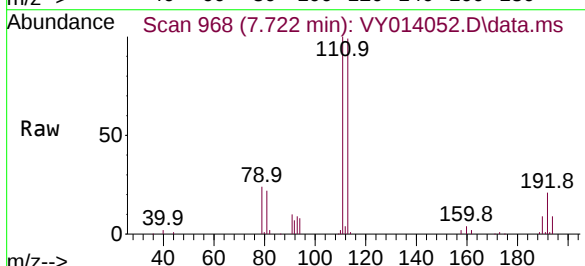
Tgt Ion:113 Resp: 41069

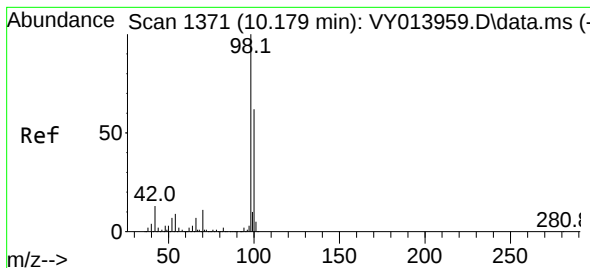
Ion Ratio Lower Upper

113 100

111 103.7 81.3 121.9

192 21.6 16.9 25.3

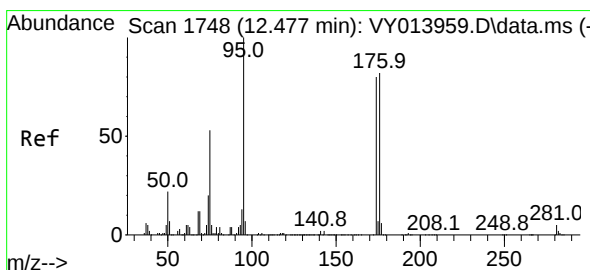
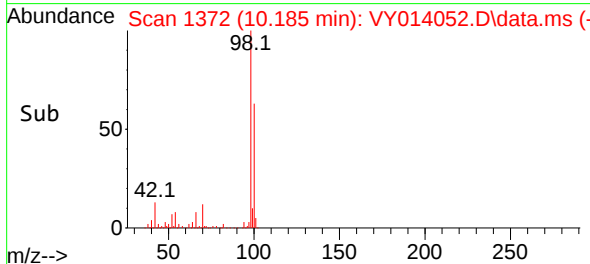
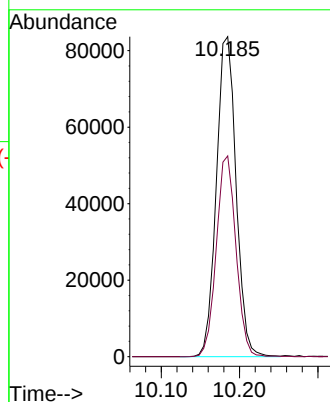
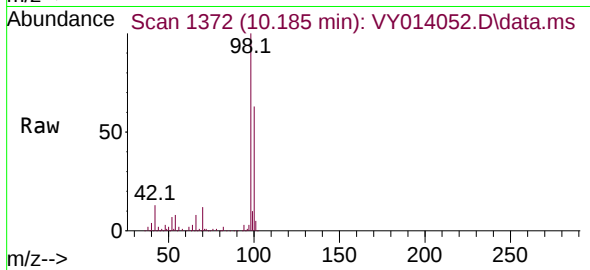




#50
Toluene-d8
Concen: 51.160 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY014052.D
Acq: 07 Jun 2023 12:11

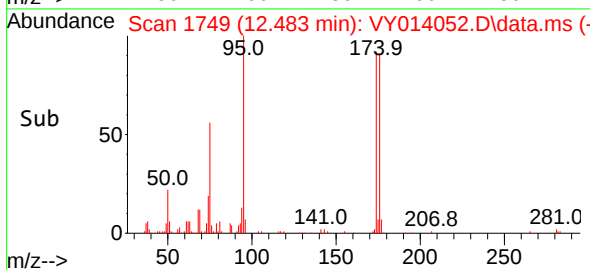
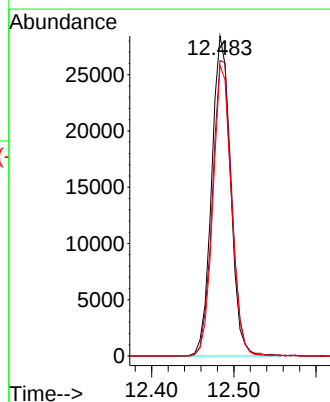
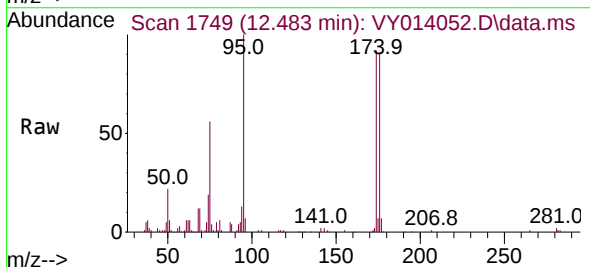
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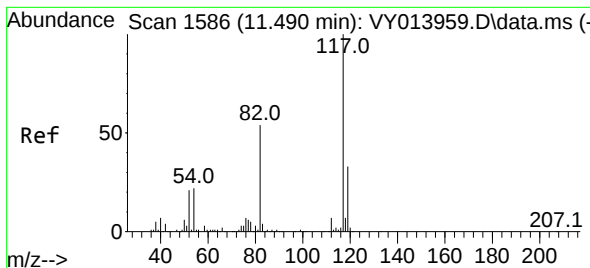
Tgt Ion: 98 Resp: 146506
Ion Ratio Lower Upper
98 100
100 62.5 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 46.404 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY014052.D
Acq: 07 Jun 2023 12:11

Tgt Ion: 95 Resp: 45304
Ion Ratio Lower Upper
95 100
174 95.1 0.0 178.2
176 89.0 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY014052.D

Acq: 07 Jun 2023 12:11

Instrument :

MSVOA_Y

ClientSampleId :

NB-07-060223RE

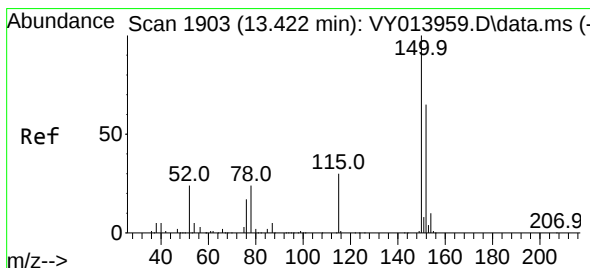
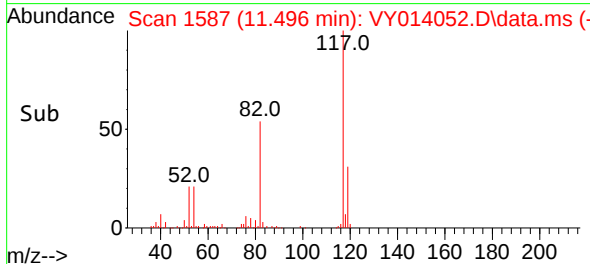
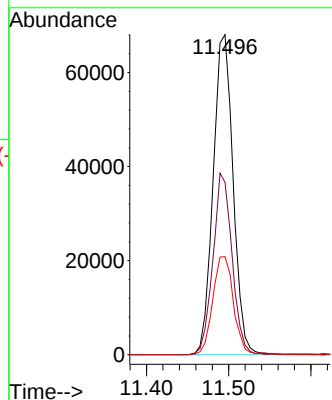
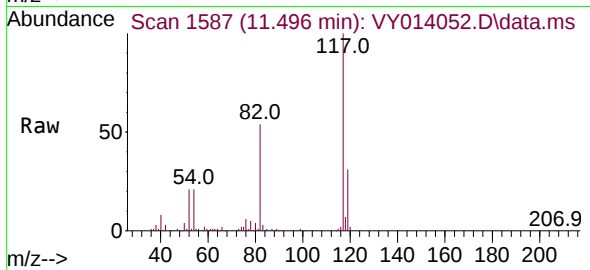
Tgt Ion:117 Resp: 114862

Ion Ratio Lower Upper

117 100

82 53.8 43.4 65.0

119 30.7 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY014052.D

Acq: 07 Jun 2023 12:11

Tgt Ion:152 Resp: 50630

Ion Ratio Lower Upper

152 100

115 54.6 28.8 86.5

150 156.4 0.0 348.8

