

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052523\
 Data File : VY013866.D
 Acq On : 25 May 2023 12:29
 Operator : KP/MD
 Sample : 02848-10
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP5

Quant Time: May 25 15:20:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 24 05:25:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	153685	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	270029	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	268656	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	120394	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	106915	60.133	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.260%
35) Dibromofluoromethane	7.722	113	94530	54.207	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.420%
50) Toluene-d8	10.185	98	333879	50.375	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.760%
62) 4-Bromofluorobenzene	12.483	95	106879	48.513	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.020%

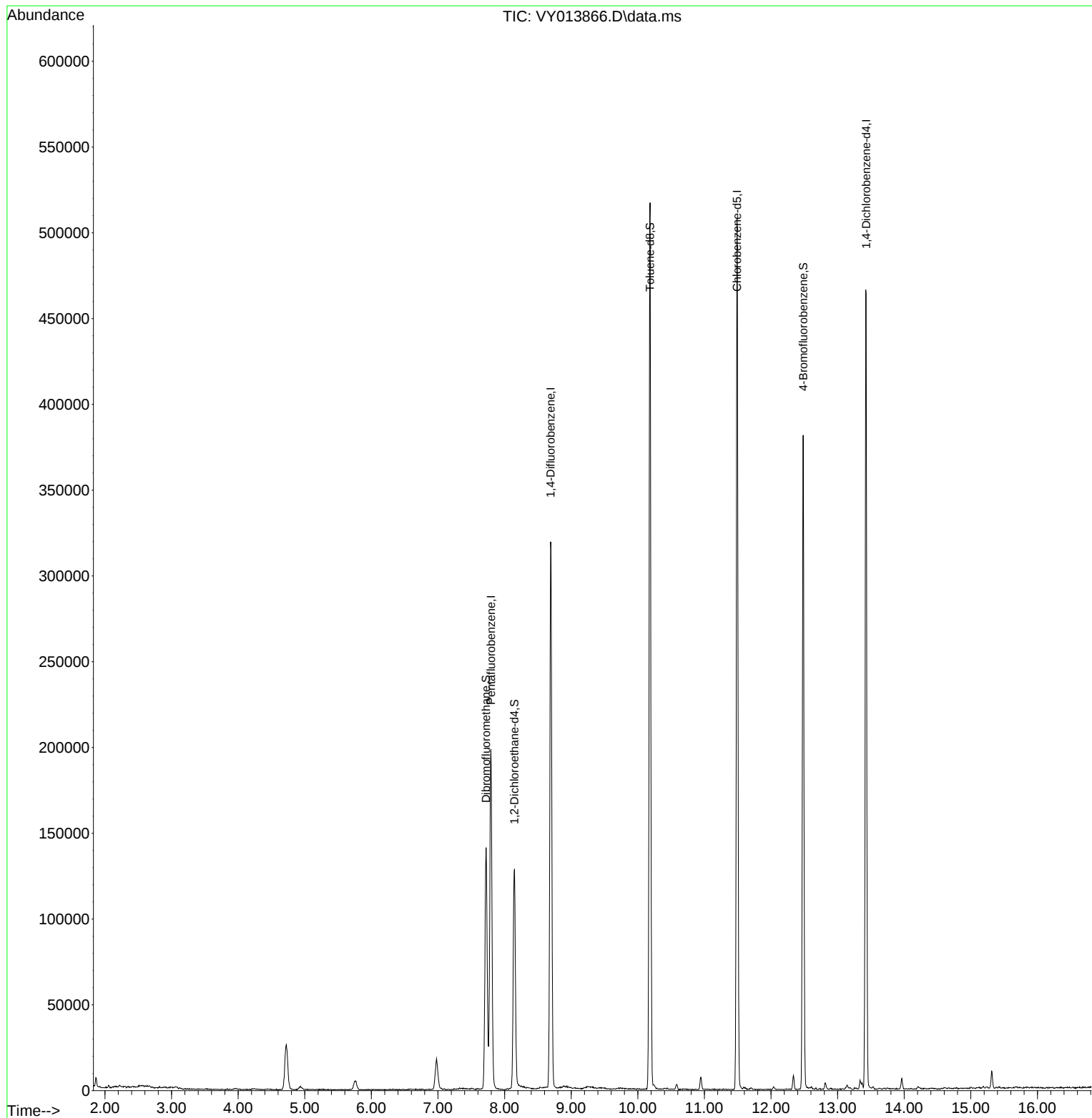
Target Compounds	Qvalue

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

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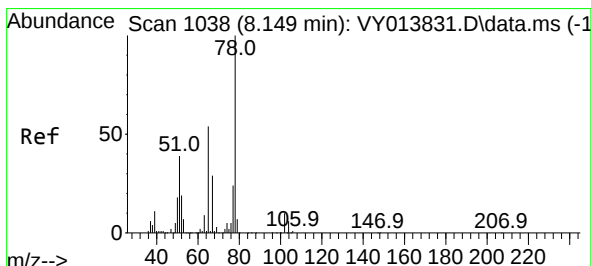
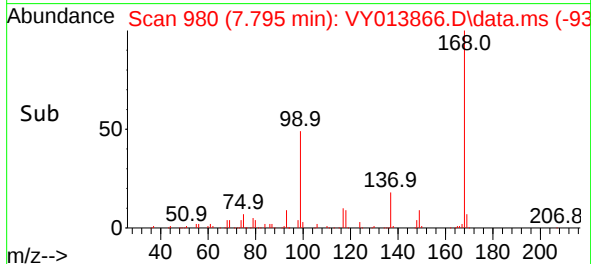
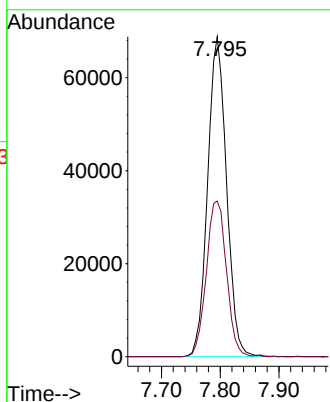
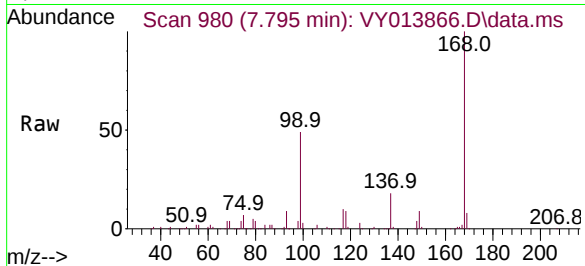




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013866.D
Acq: 25 May 2023 12:29

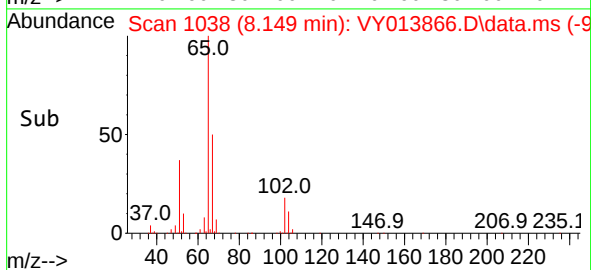
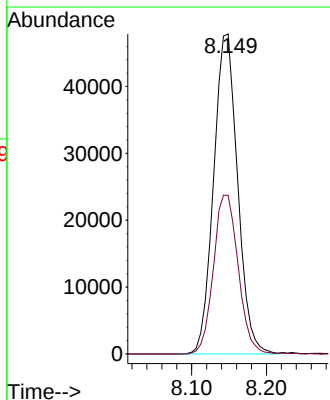
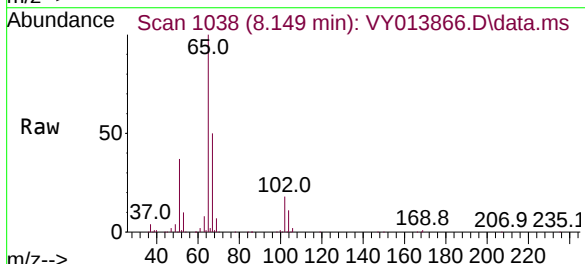
Instrument :
MSVOA_Y
ClientSampleId :
TP5

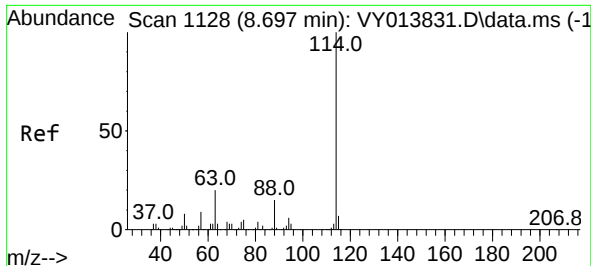
Tgt Ion:168 Resp: 153685
Ion Ratio Lower Upper
168 100
99 48.6 43.4 65.2



#33
1,2-Dichloroethane-d4
Concen: 60.133 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY013866.D
Acq: 25 May 2023 12:29

Tgt Ion: 65 Resp: 106915
Ion Ratio Lower Upper
65 100
67 51.3 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY013866.D

Acq: 25 May 2023 12:29

Instrument :

MSVOA_Y

ClientSampleId :

TP5

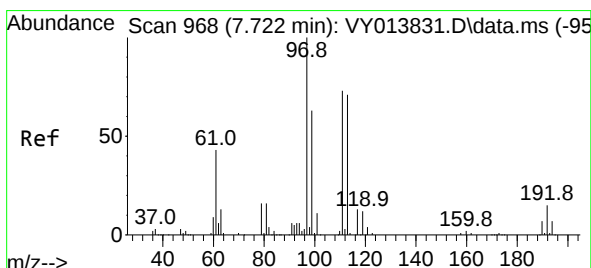
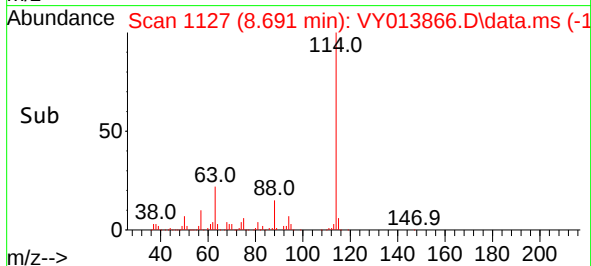
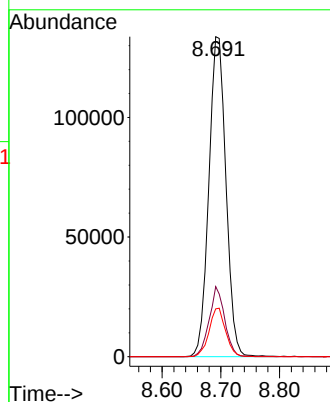
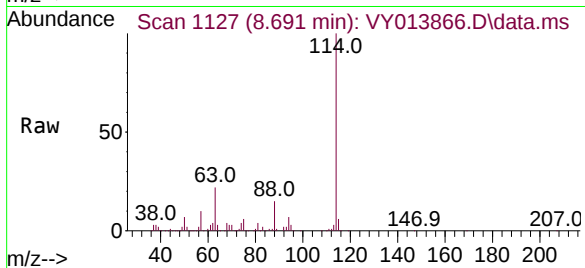
Tgt Ion:114 Resp: 270029

Ion Ratio Lower Upper

114 100

63 21.9 0.0 40.2

88 14.9 0.0 30.0



#35

Dibromofluoromethane

Concen: 54.207 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY013866.D

Acq: 25 May 2023 12:29

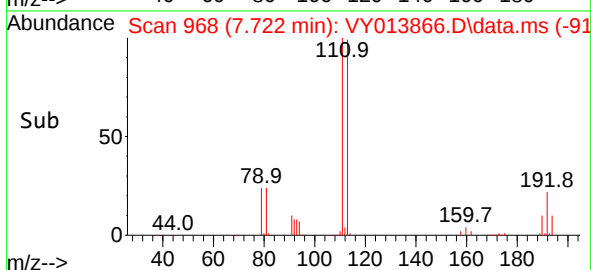
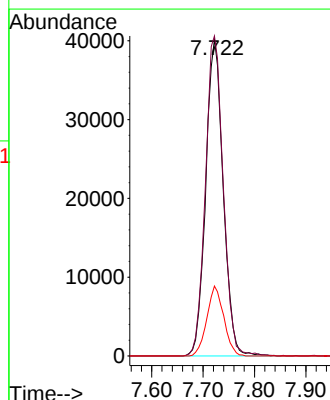
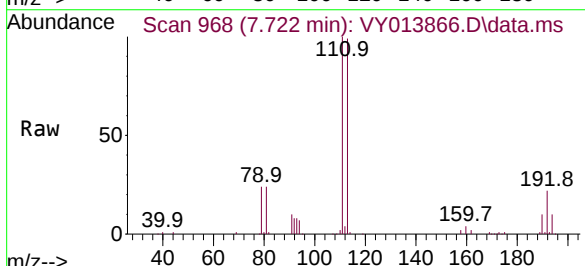
Tgt Ion:113 Resp: 94530

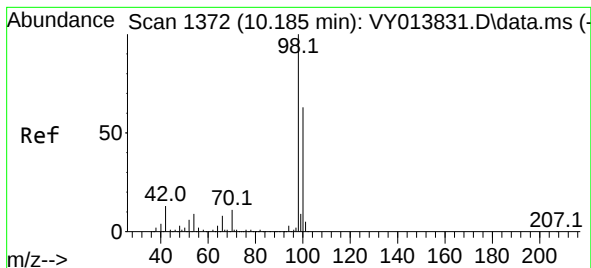
Ion Ratio Lower Upper

113 100

111 103.4 80.4 120.6

192 21.4 16.6 25.0





#50

Toluene-d8

Concen: 50.375 ug/l

RT: 10.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013866.D

Acq: 25 May 2023 12:29

Instrument :

MSVOA_Y

ClientSampleId :

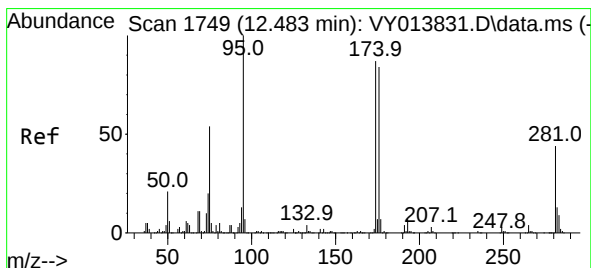
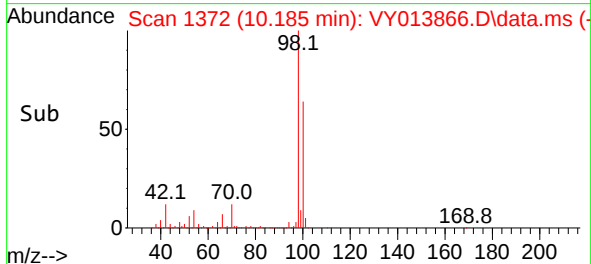
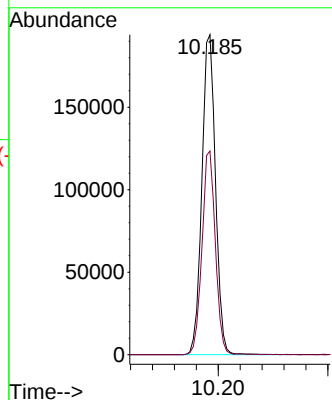
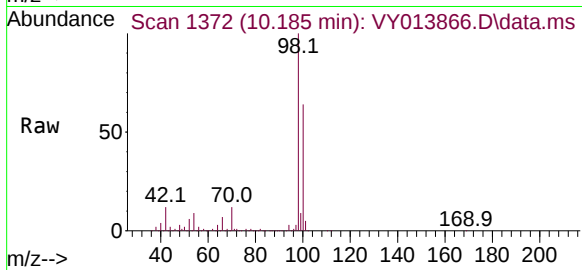
TP5

Tgt Ion: 98 Resp: 333879

Ion Ratio Lower Upper

98 100

100 62.6 50.8 76.2



#62

4-Bromofluorobenzene

Concen: 48.513 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY013866.D

Acq: 25 May 2023 12:29

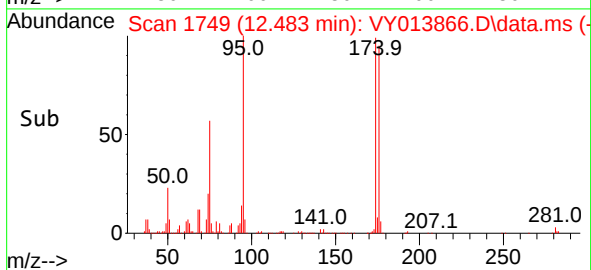
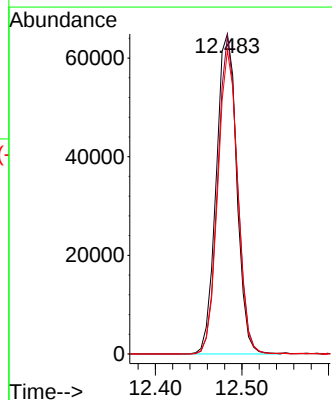
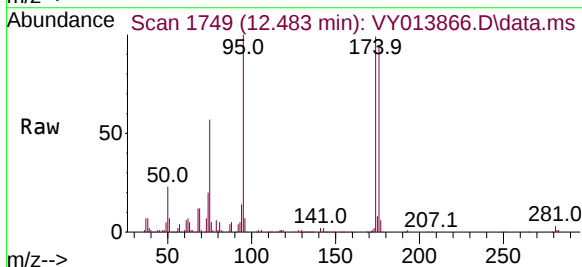
Tgt Ion: 95 Resp: 106879

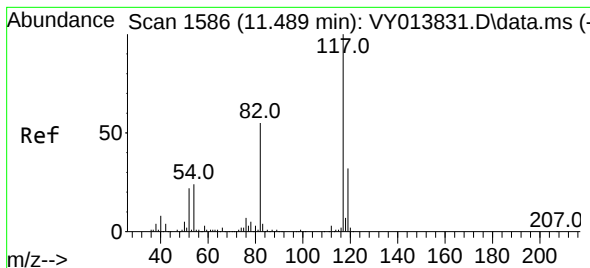
Ion Ratio Lower Upper

95 100

174 95.0 0.0 176.0

176 91.5 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013866.D

Acq: 25 May 2023 12:29

Instrument :

MSVOA_Y

ClientSampleId :

TP5

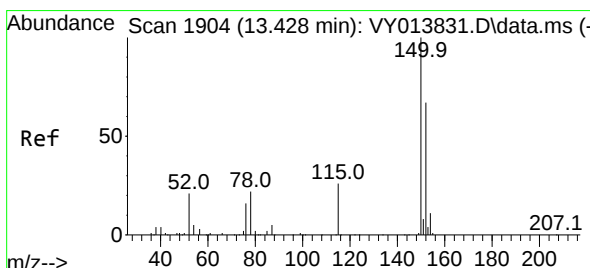
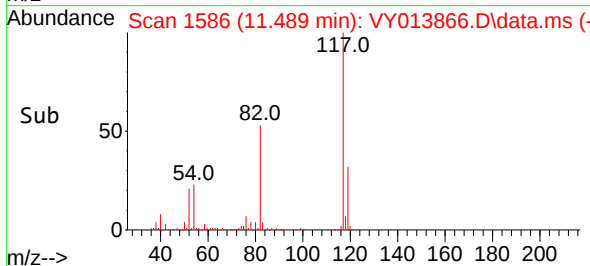
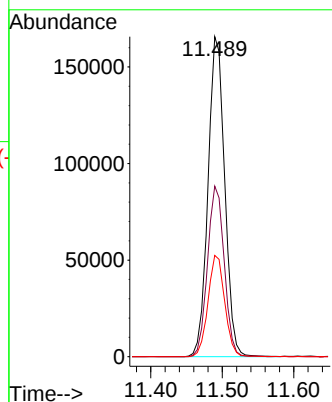
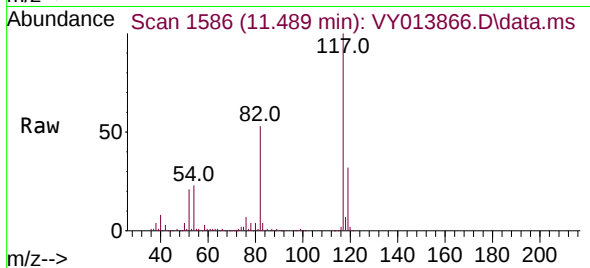
Tgt Ion:117 Resp: 268656

Ion Ratio Lower Upper

117 100

82 53.3 44.2 66.4

119 31.6 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY013866.D

Acq: 25 May 2023 12:29

Tgt Ion:152 Resp: 120394

Ion Ratio Lower Upper

152 100

115 56.4 28.8 86.5

150 158.1 0.0 353.4

