

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012325\
 Data File : VY020920.D
 Acq On : 23 Jan 2025 18:58
 Operator : SY/MD
 Sample : Q1170-01RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-03-01232025RE

Quant Time: Jan 24 00:21:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 00:38:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.726	168	69361	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.628	114	104788	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.426	117	78530	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.359	152	22384	50.000	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	24234	41.106	ug/l	-0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	82.220%
35) Dibromofluoromethane	7.646	113	25245	38.455	ug/l	-0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	76.900%
50) Toluene-d8	10.115	98	80465	35.160	ug/l	-0.02
Spiked Amount	50.000	Range	58 - 134	Recovery	=	70.320%
62) 4-Bromofluorobenzene	12.420	95	19848	23.486	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	46.980%

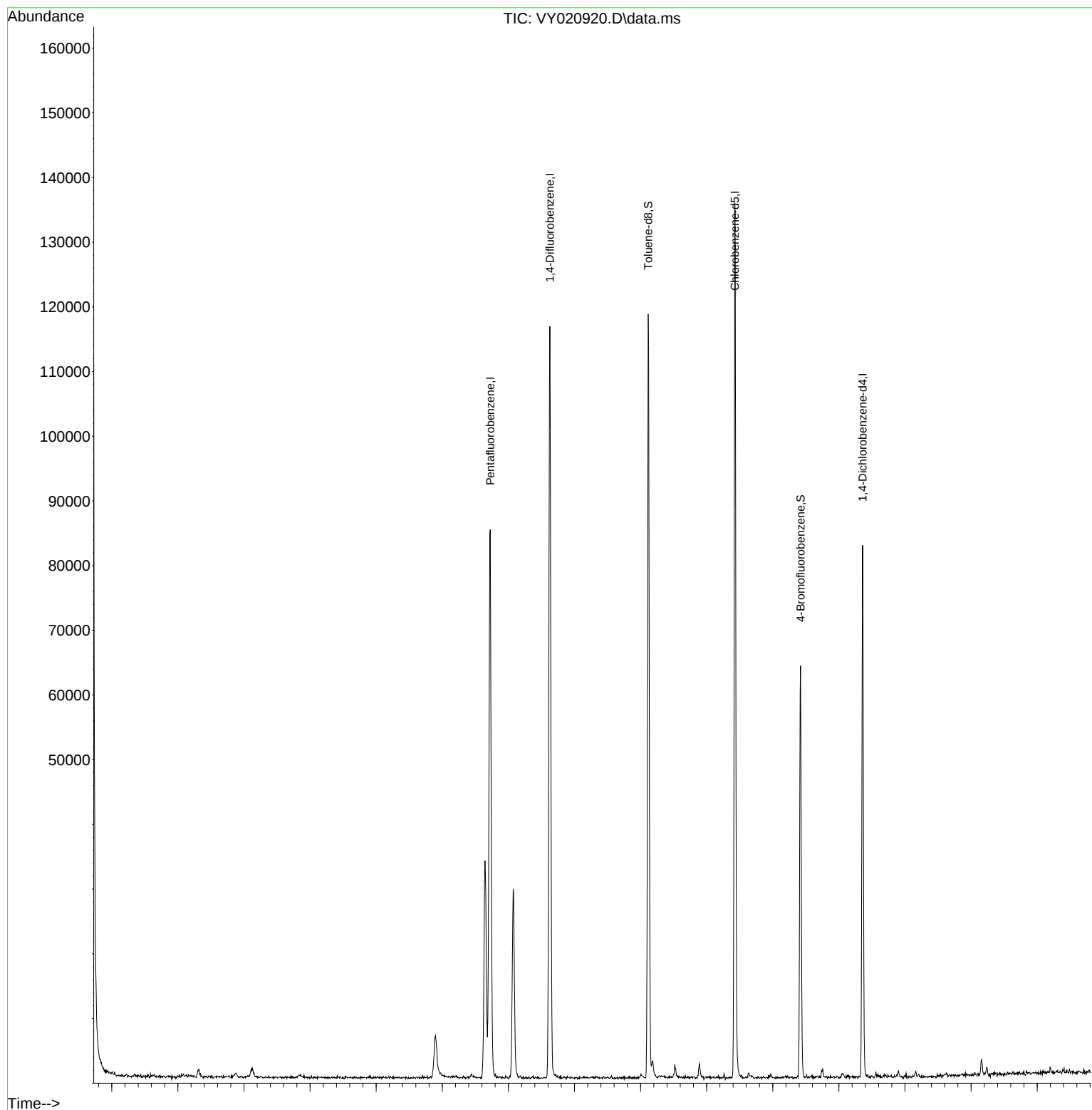
Target Compounds Qvalue

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

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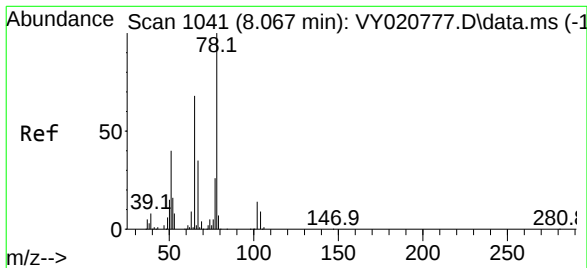
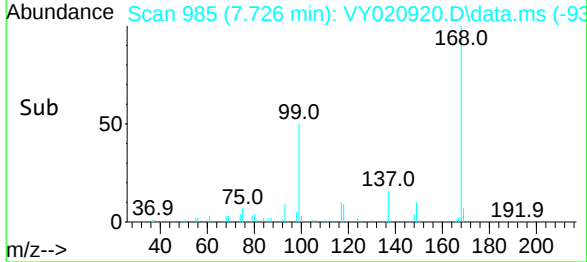
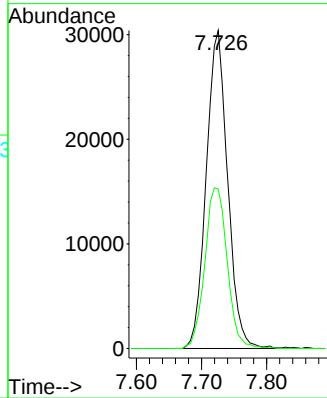
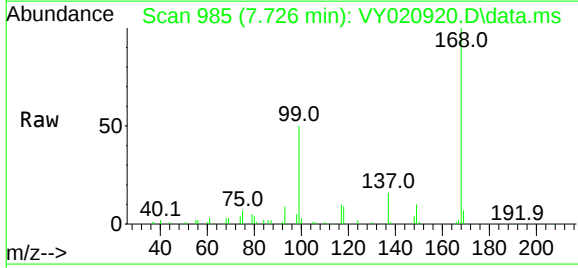




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.726 min Scan# 98
Delta R.T. -0.011 min
Lab File: VY020920.D
Acq: 23 Jan 2025 18:58

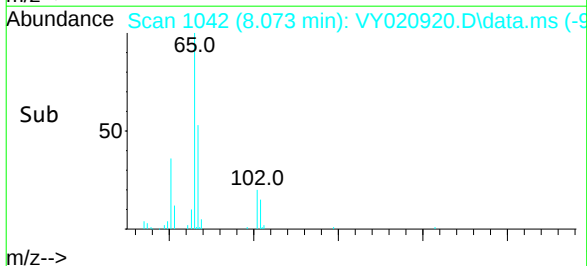
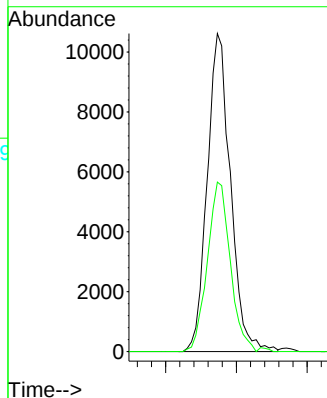
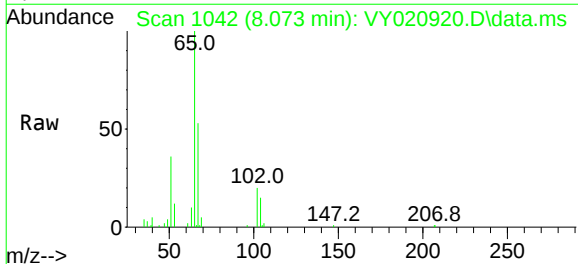
Instrument :
MSVOA_Y
ClientSampleId :
OR-03-01232025RE

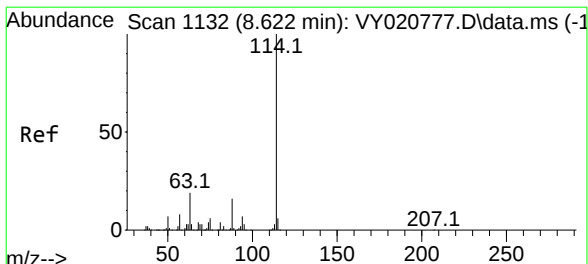
Tgt Ion:168 Resp: 69361
Ion Ratio Lower Upper
168 100
99 50.1 44.3 66.5



#33
1,2-Dichloroethane-d4
Concen: 41.106 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. -0.018 min
Lab File: VY020920.D
Acq: 23 Jan 2025 18:58

Tgt Ion: 65 Resp: 24234
Ion Ratio Lower Upper
65 100
67 52.5 0.0 102.8

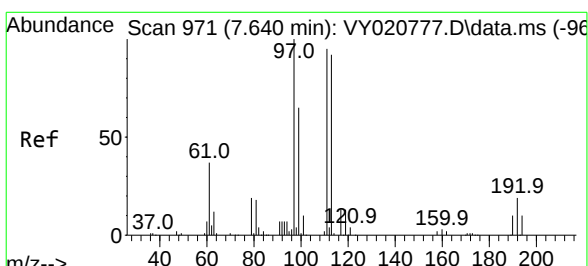
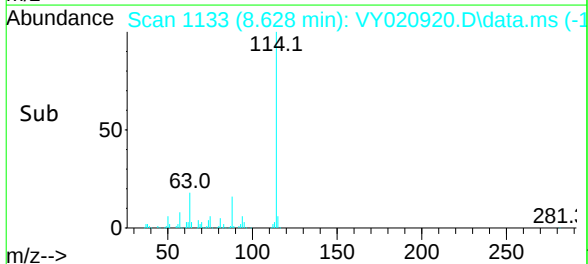
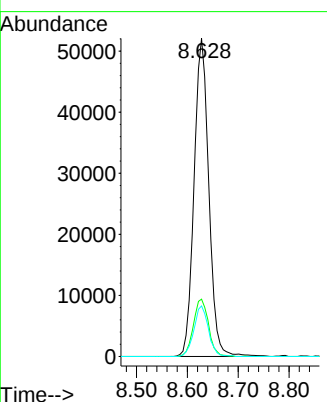
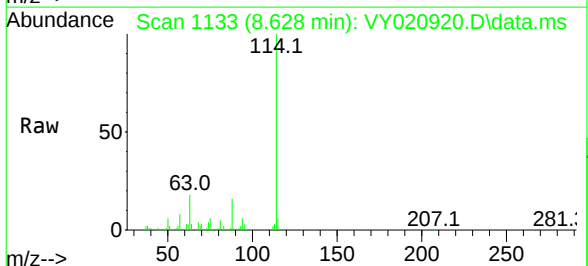




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.628 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: VY020920.D
 Acq: 23 Jan 2025 18:58

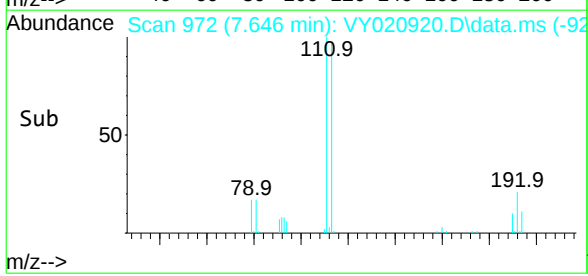
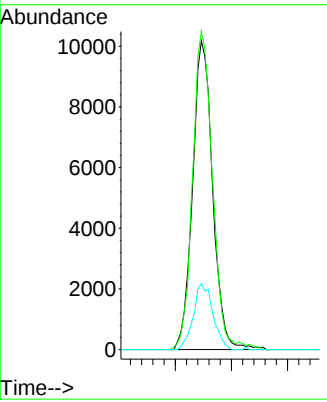
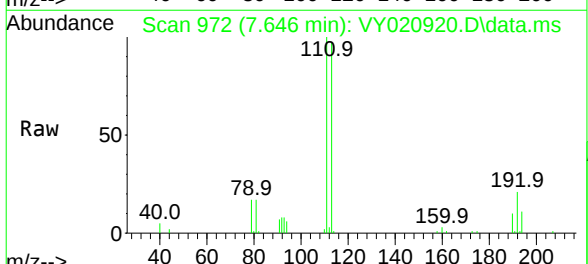
Instrument :
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 ClientSampleId :
 OR-03-01232025RE

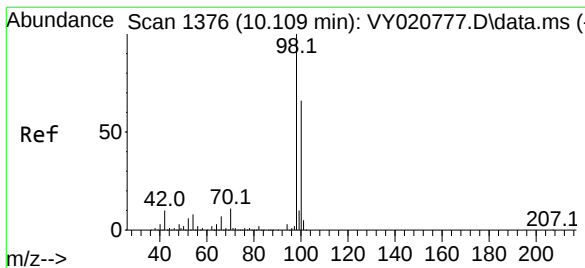
Tgt Ion:	114	Resp:	104788
Ion	Ratio	Lower	Upper
114	100		
63	18.0	0.0	38.4
88	15.9	0.0	31.2



#35
 Dibromofluoromethane
 Concen: 38.455 ug/l
 RT: 7.646 min Scan# 972
 Delta R.T. -0.018 min
 Lab File: VY020920.D
 Acq: 23 Jan 2025 18:58

Tgt Ion:	113	Resp:	25245
Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.7	122.5
192	20.9	16.7	25.1





#50

Toluene-d8

Concen: 35.160 ug/l

RT: 10.115 min Scan# 13

Delta R.T. -0.018 min

Lab File: VY020920.D

Acq: 23 Jan 2025 18:58

Instrument :

MSVOA_Y

ClientSampleId :

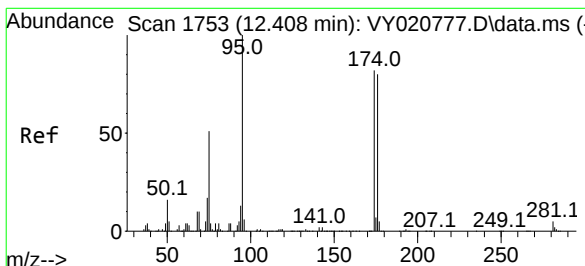
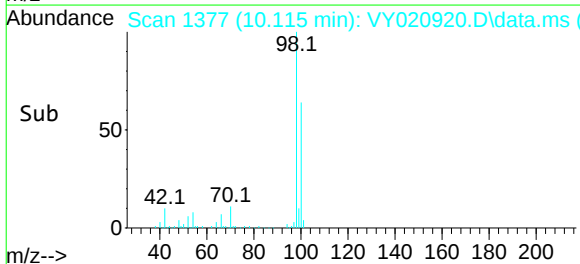
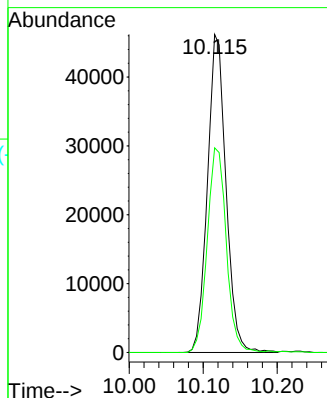
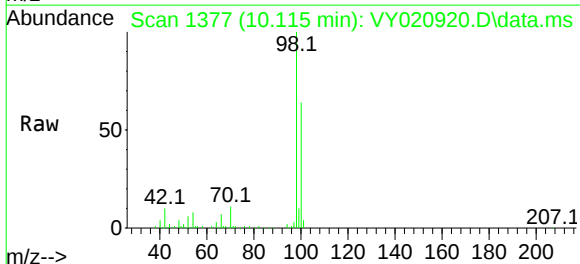
OR-03-01232025RE

Tgt Ion: 98 Resp: 80465

Ion Ratio Lower Upper

98 100

100 66.0 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 23.486 ug/l

RT: 12.420 min Scan# 1755

Delta R.T. -0.006 min

Lab File: VY020920.D

Acq: 23 Jan 2025 18:58

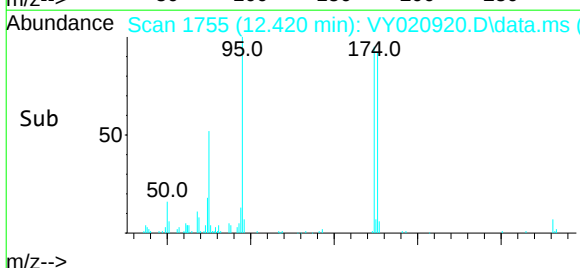
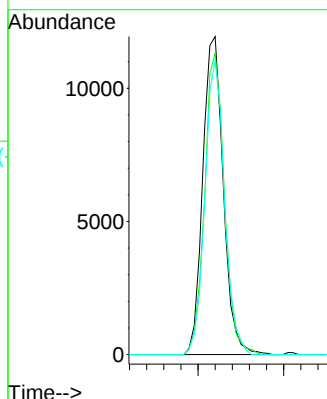
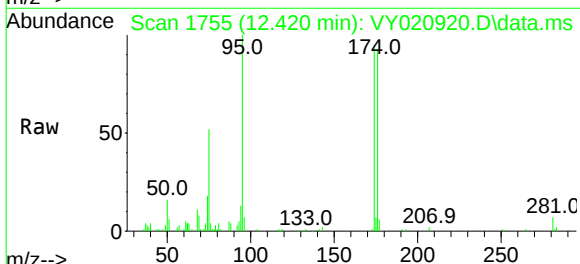
Tgt Ion: 95 Resp: 19848

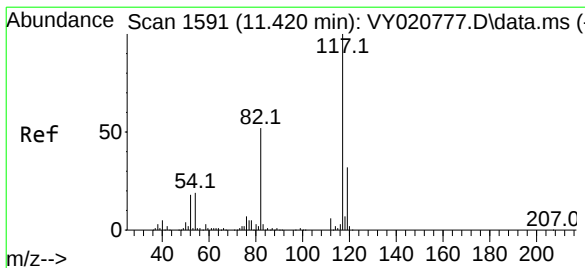
Ion Ratio Lower Upper

95 100

174 91.9 0.0 178.0

176 88.5 0.0 172.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 15

Delta R.T. -0.012 min

Lab File: VY020920.D

Acq: 23 Jan 2025 18:58

Instrument :

MSVOA_Y

ClientSampleId :

OR-03-01232025RE

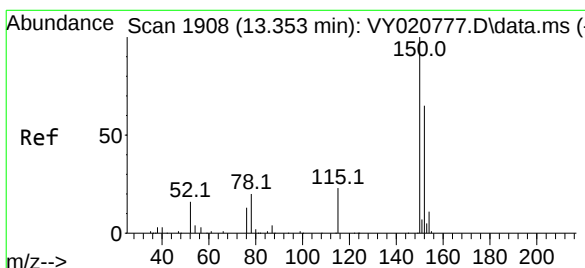
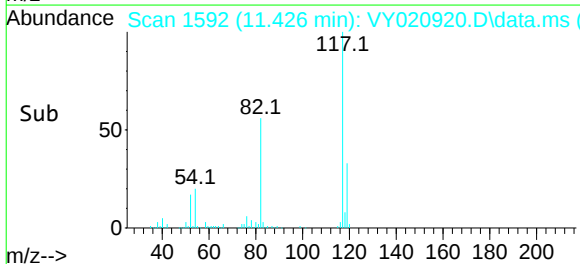
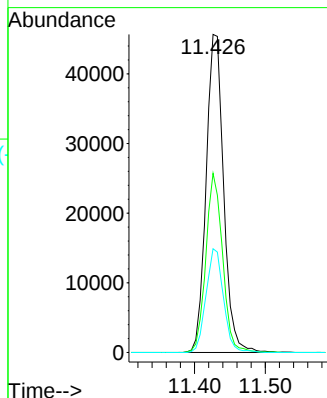
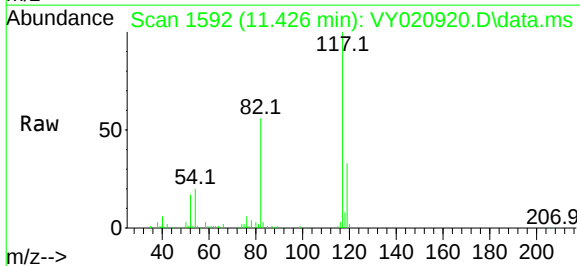
Tgt Ion:117 Resp: 78530

Ion Ratio Lower Upper

117 100

82 56.3 41.8 62.6

119 32.6 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.359 min Scan# 1909

Delta R.T. -0.012 min

Lab File: VY020920.D

Acq: 23 Jan 2025 18:58

Tgt Ion:152 Resp: 22384

Ion Ratio Lower Upper

152 100

115 55.6 29.0 87.0

150 157.7 0.0 347.4

