

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012025\
 Data File : VY020870.D
 Acq On : 20 Jan 2025 10:09
 Operator : SY/MD
 Sample : VY0120SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0120SBL01

Quant Time: Jan 21 00:37:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 01:31:46 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.726	168	199413	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.628	114	339043	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	287948	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	103586	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.079	65	101083	59.638	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.280%
35) Dibromofluoromethane	7.646	113	107685	50.697	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.400%
50) Toluene-d8	10.121	98	391601	52.887	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	105.780%
62) 4-Bromofluorobenzene	12.420	95	113763	41.605	ug/l	0.01
Spiked Amount	50.000	Range	29 - 146	Recovery	=	83.200%

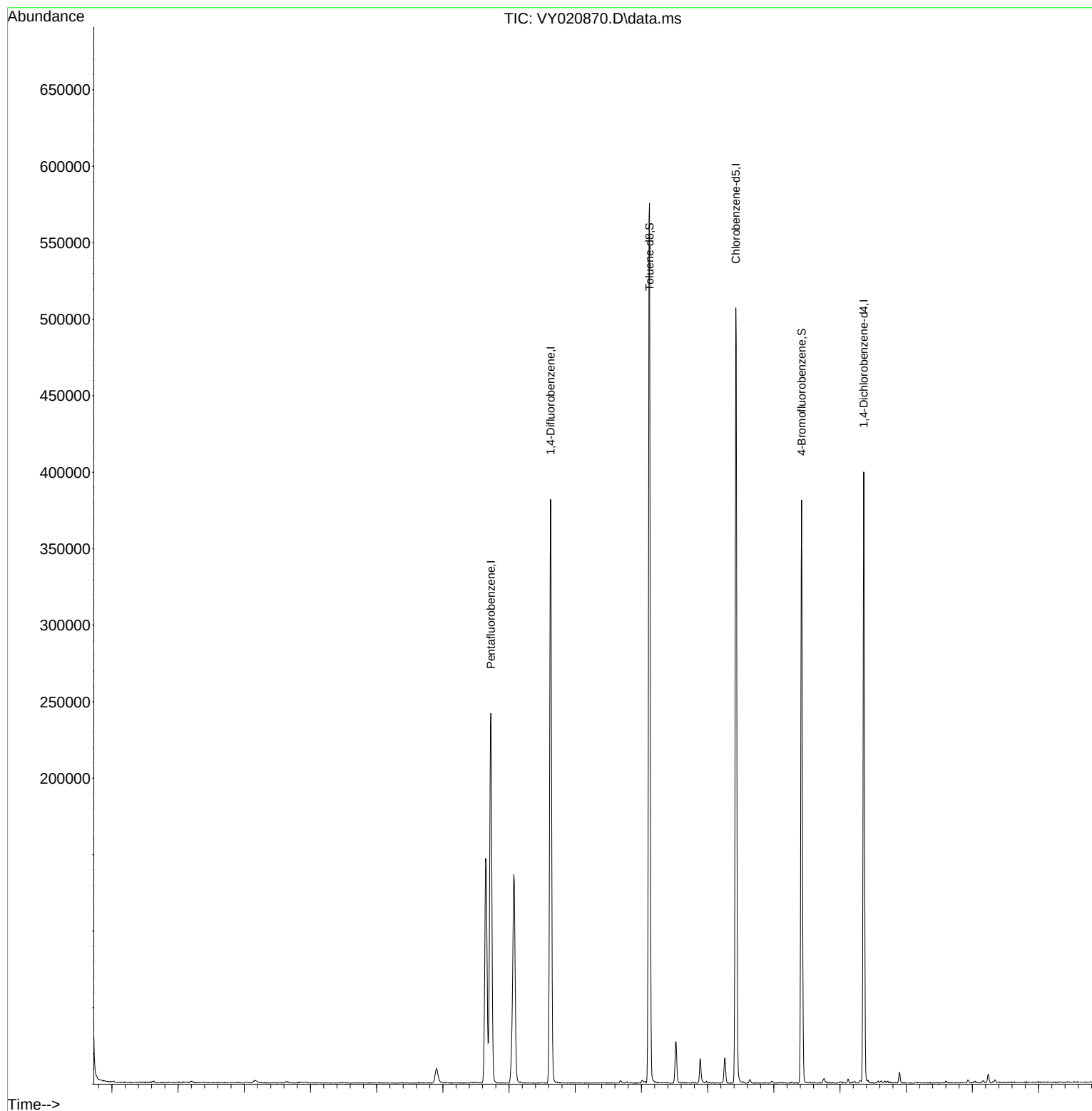
Target Compounds Qvalue

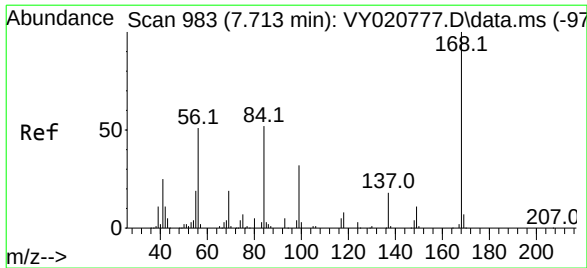
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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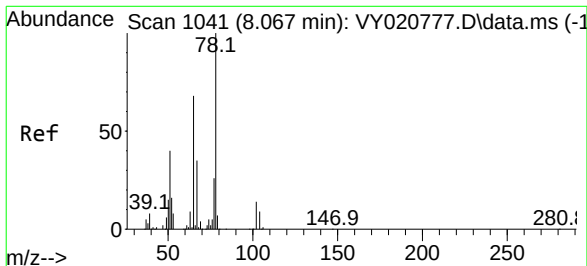
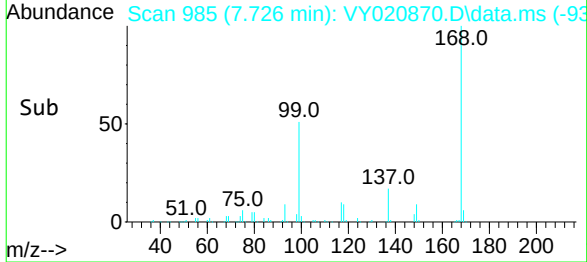
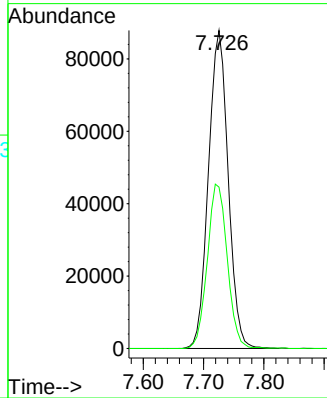
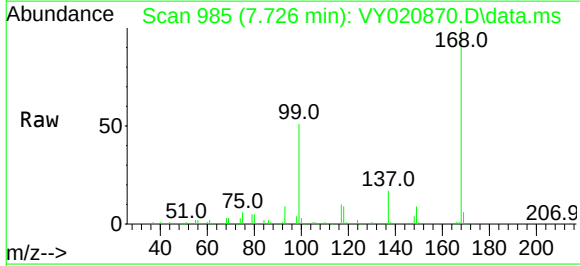




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.726 min Scan# 98
Delta R.T. 0.013 min
Lab File: VY020870.D
Acq: 20 Jan 2025 10:09

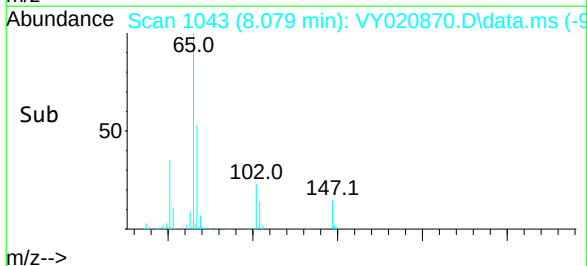
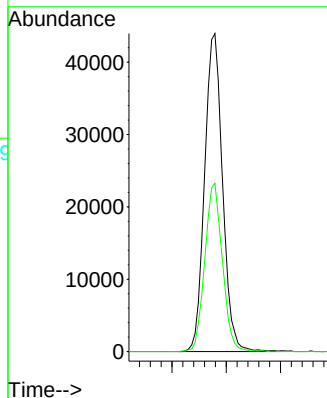
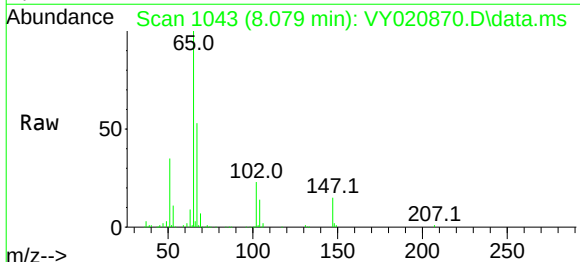
Instrument :
MSVOA_Y
ClientSampleId :
VY0120SBL01

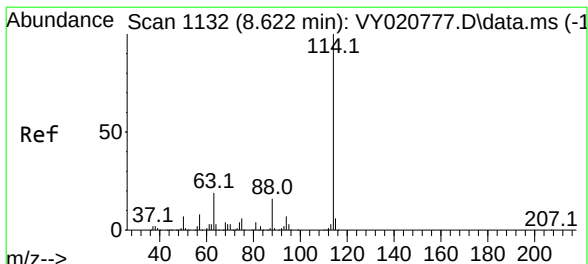
Tgt Ion:168 Resp: 199413
Ion Ratio Lower Upper
168 100
99 50.7 44.3 66.5



#33
1,2-Dichloroethane-d4
Concen: 59.638 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.012 min
Lab File: VY020870.D
Acq: 20 Jan 2025 10:09

Tgt Ion: 65 Resp: 101083
Ion Ratio Lower Upper
65 100
67 51.9 0.0 102.8

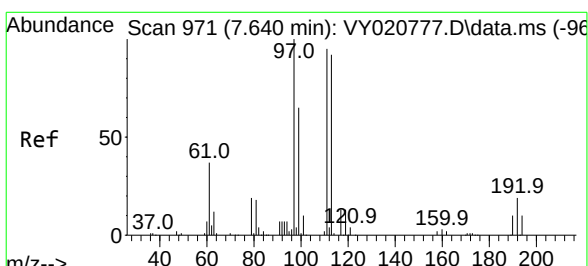
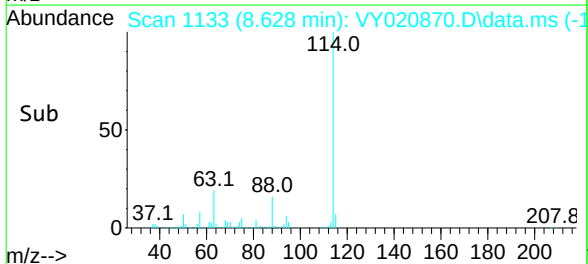
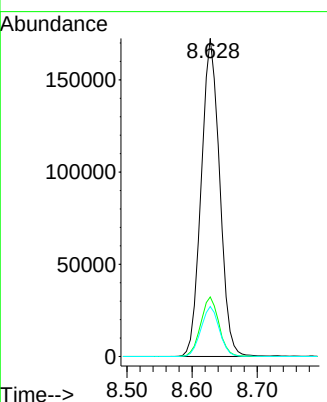
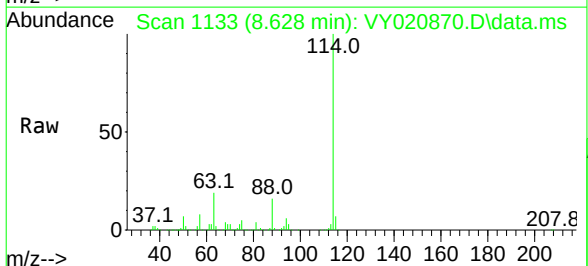




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.628 min Scan# 1133
 Delta R.T. 0.006 min
 Lab File: VY020870.D
 Acq: 20 Jan 2025 10:09

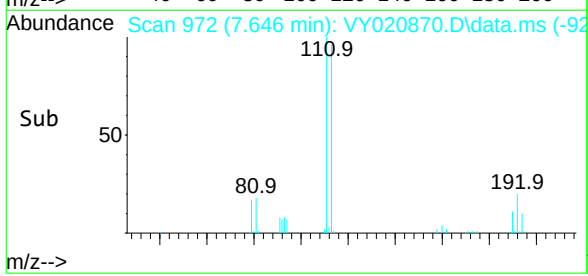
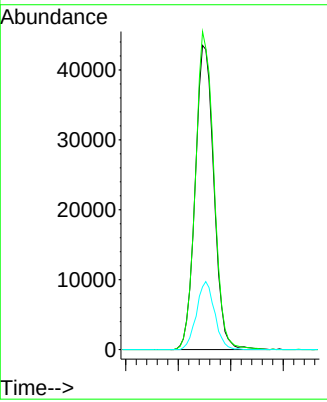
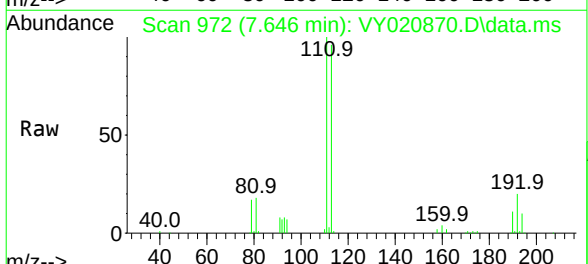
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0120SBL01

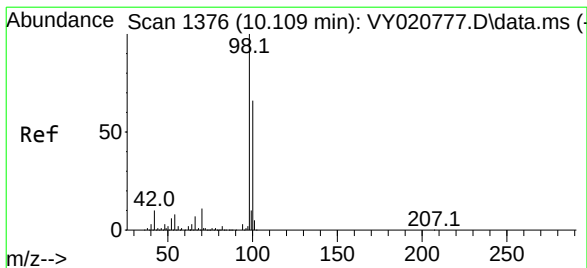
Tgt Ion:	114	Resp:	339043
Ion	Ratio	Lower	Upper
114	100		
63	18.7	0.0	38.4
88	15.7	0.0	31.2



#35
 Dibromofluoromethane
 Concen: 50.697 ug/l
 RT: 7.646 min Scan# 972
 Delta R.T. 0.006 min
 Lab File: VY020870.D
 Acq: 20 Jan 2025 10:09

Tgt Ion:	113	Resp:	107685
Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.7	122.5
192	21.7	16.7	25.1





#50

Toluene-d8

Concen: 52.887 ug/l

RT: 10.121 min Scan# 13

Delta R.T. 0.012 min

Lab File: VY020870.D

Acq: 20 Jan 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

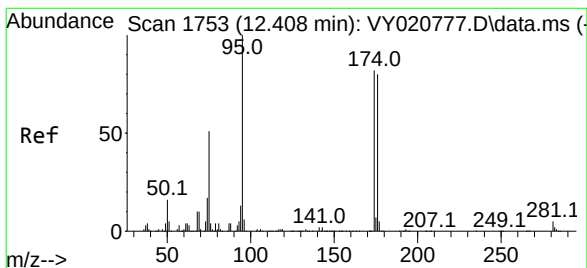
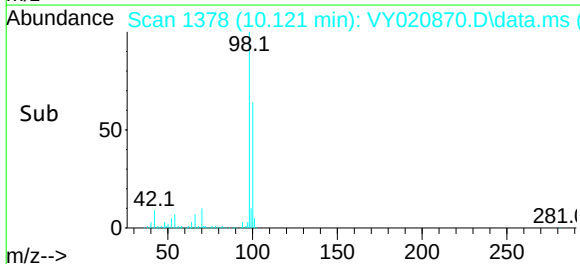
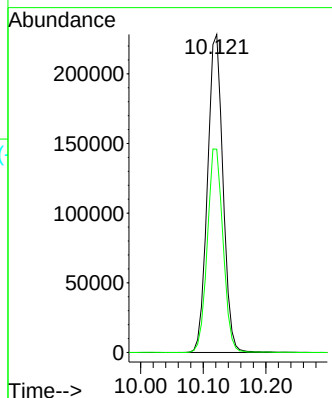
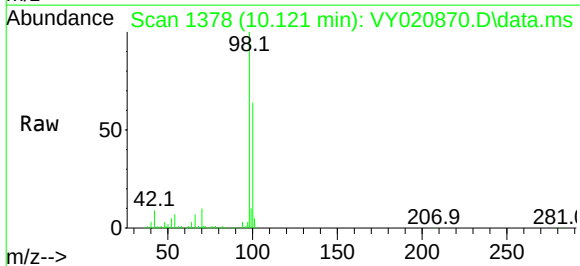
VY0120SBL01

Tgt Ion: 98 Resp: 391601

Ion Ratio Lower Upper

98 100

100 65.1 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 41.605 ug/l

RT: 12.420 min Scan# 1755

Delta R.T. 0.012 min

Lab File: VY020870.D

Acq: 20 Jan 2025 10:09

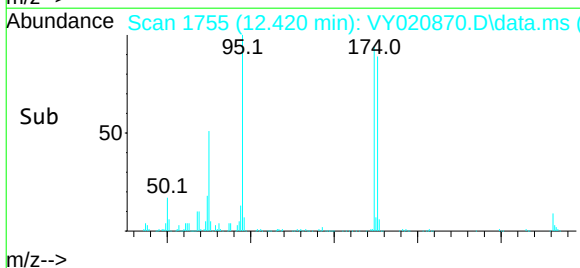
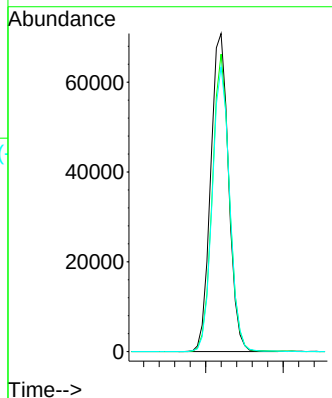
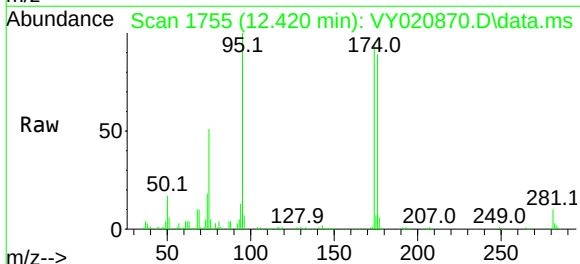
Tgt Ion: 95 Resp: 113763

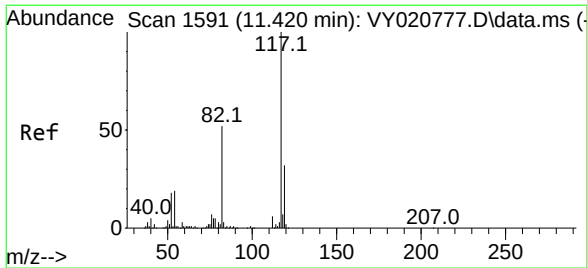
Ion Ratio Lower Upper

95 100

174 88.7 0.0 178.0

176 86.9 0.0 172.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 1591

Delta R.T. 0.006 min

Lab File: VY020870.D

Acq: 20 Jan 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0120SBL01

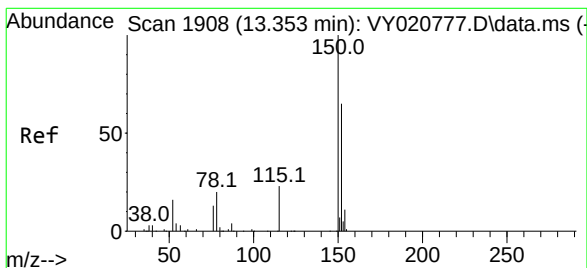
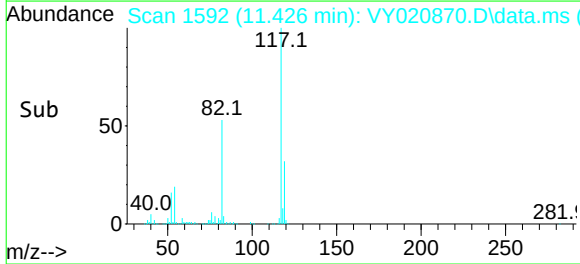
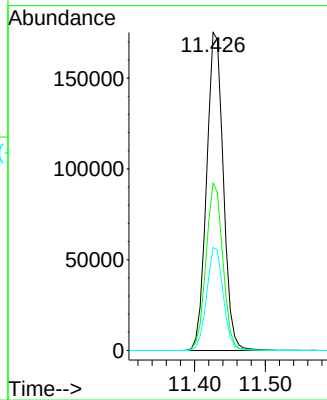
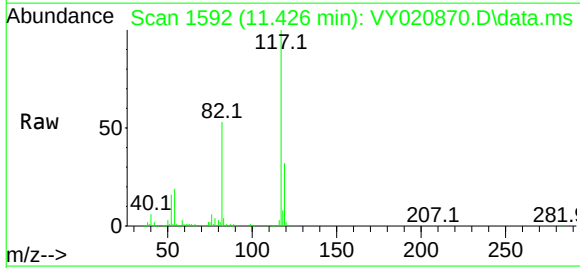
Tgt Ion:117 Resp: 287948

Ion Ratio Lower Upper

117 100

82 52.6 41.8 62.6

119 32.4 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.359 min Scan# 1909

Delta R.T. 0.006 min

Lab File: VY020870.D

Acq: 20 Jan 2025 10:09

Tgt Ion:152 Resp: 103586

Ion Ratio Lower Upper

152 100

115 57.6 29.0 87.0

150 158.9 0.0 347.4

