

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010825\
 Data File : VY020800.D
 Acq On : 08 Jan 2025 10:18
 Operator : SY/MD
 Sample : VY0108SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0108SBL01

Quant Time: Jan 09 00:16:50 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	7.725	168	181285	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.628	114	311195	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.432	117	258466	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.359	152	94635	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.079	65	83887	54.442	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.880%
35) Dibromofluoromethane	7.652	113	96666	49.582	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.160%
50) Toluene-d8	10.121	98	357345	52.579	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	105.160%
62) 4-Bromofluorobenzene	12.420	95	102845	40.978	ug/l	0.01
Spiked Amount	50.000	Range	29 - 146	Recovery	=	81.960%

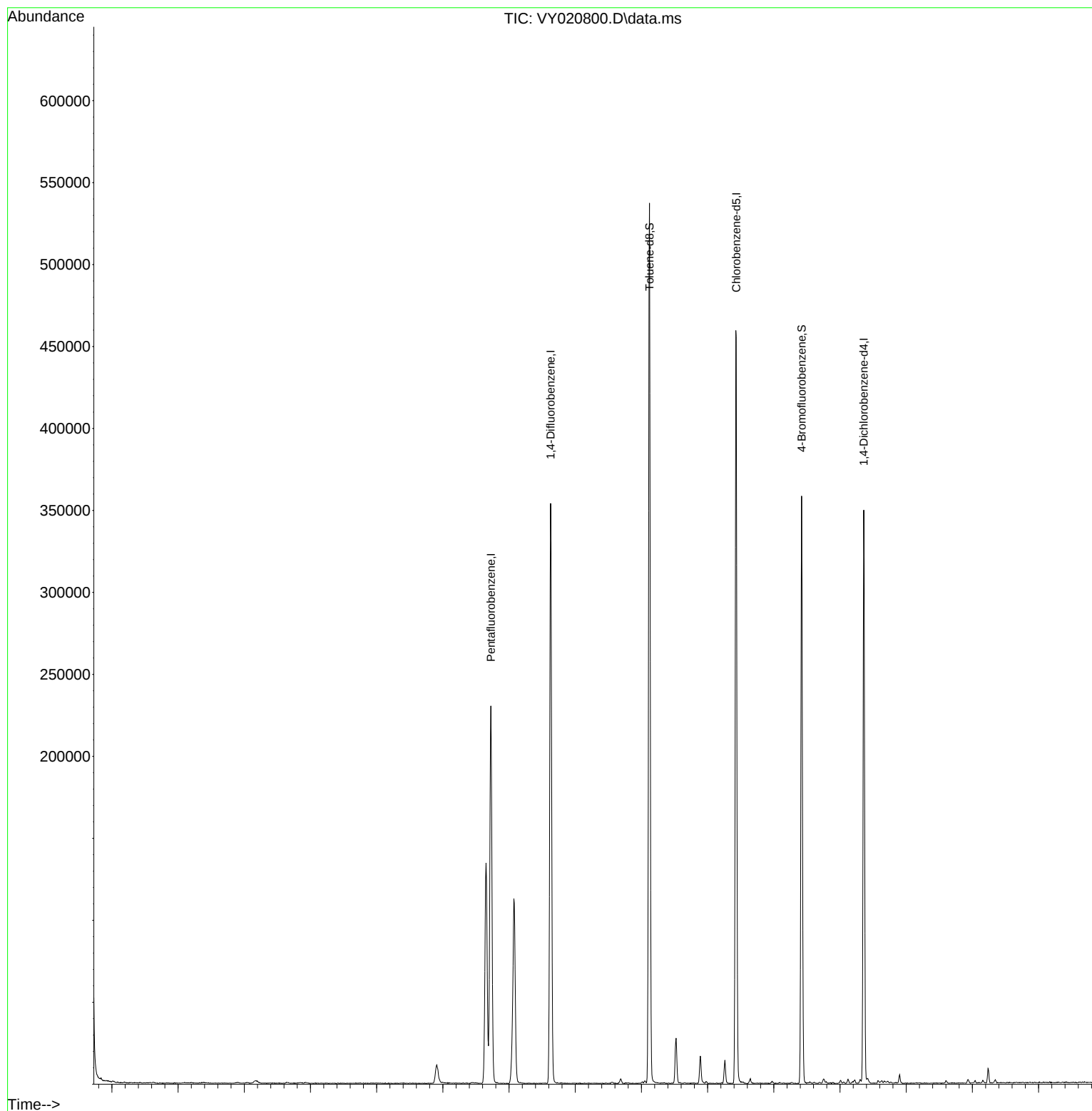
Target Compounds Qvalue

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

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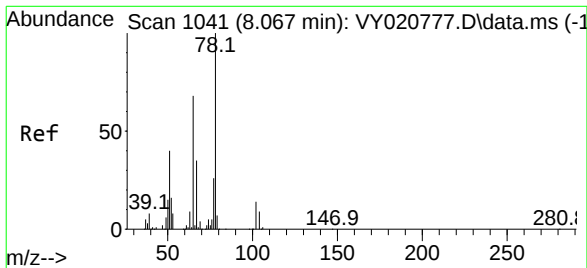
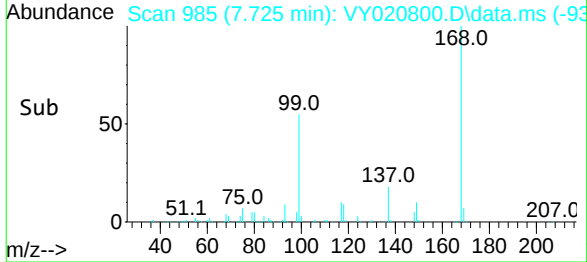
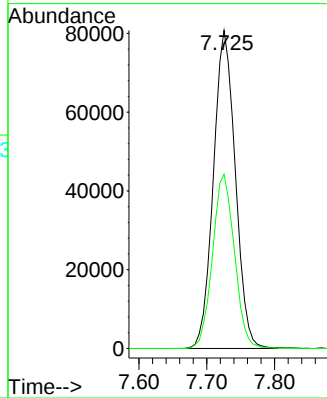
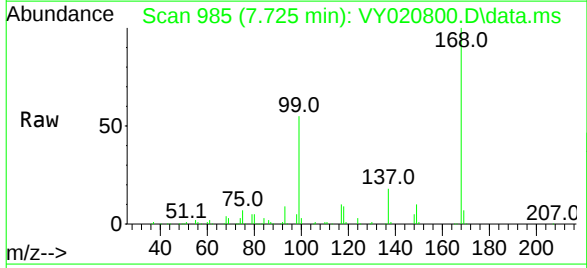




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.725 min Scan# 98
Delta R.T. 0.012 min
Lab File: VY020800.D
Acq: 08 Jan 2025 10:18

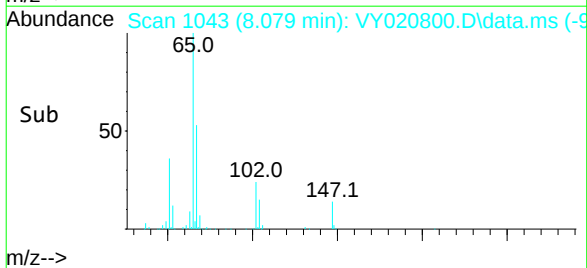
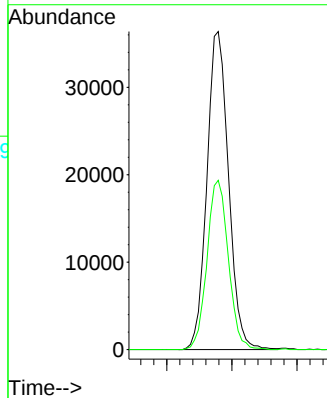
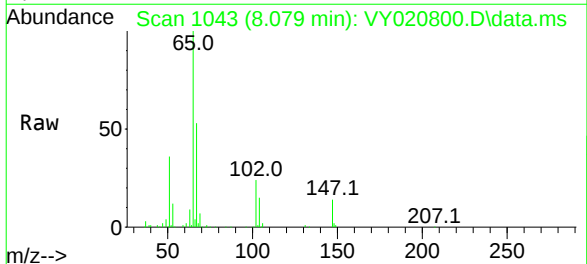
Instrument :
MSVOA_Y
ClientSampleId :
VY0108SBL01

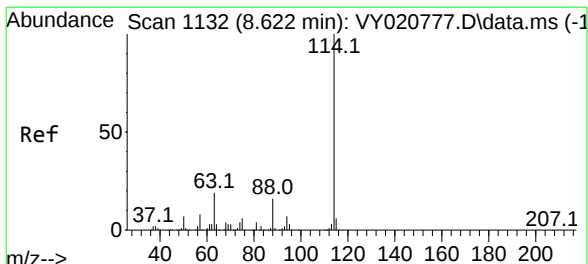
Tgt Ion:168 Resp: 181285
Ion Ratio Lower Upper
168 100
99 54.8 44.3 66.5



#33
1,2-Dichloroethane-d4
Concen: 54.442 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.012 min
Lab File: VY020800.D
Acq: 08 Jan 2025 10:18

Tgt Ion: 65 Resp: 83887
Ion Ratio Lower Upper
65 100
67 52.5 0.0 102.8

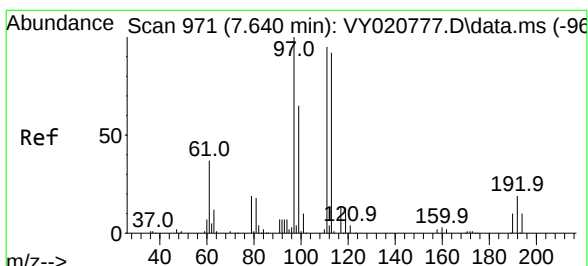
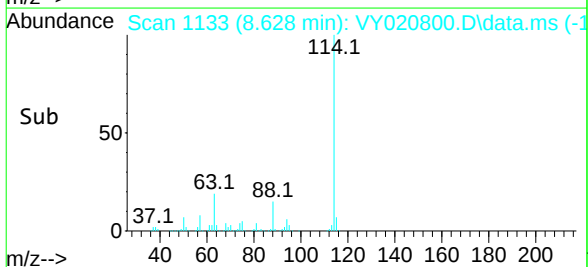
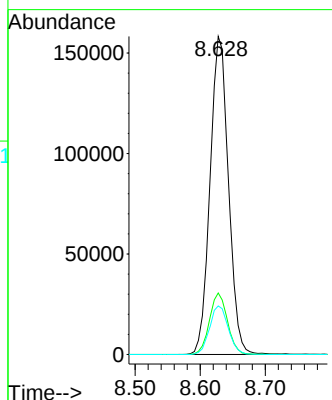
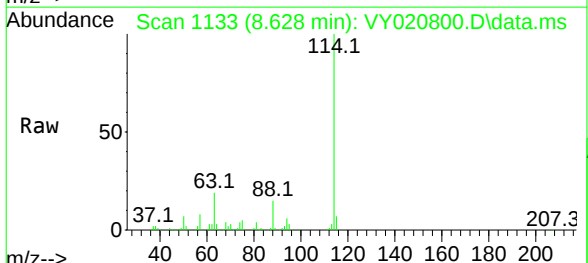




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.628 min Scan# 111
 Delta R.T. 0.006 min
 Lab File: VY020800.D
 Acq: 08 Jan 2025 10:18

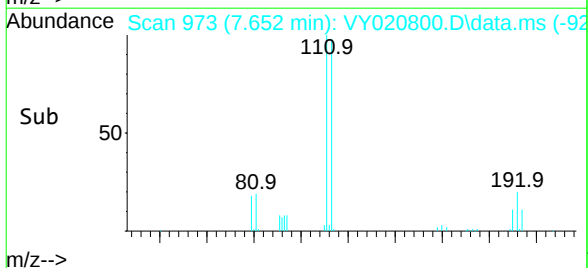
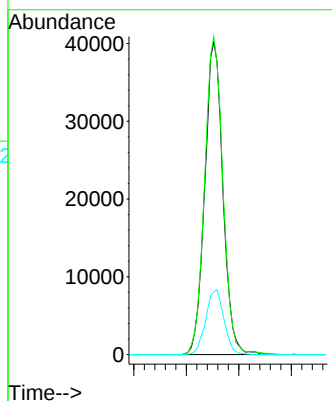
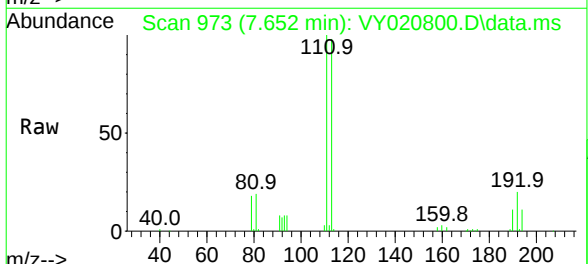
Instrument :
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 ClientSampleId :
 VY0108SBL01

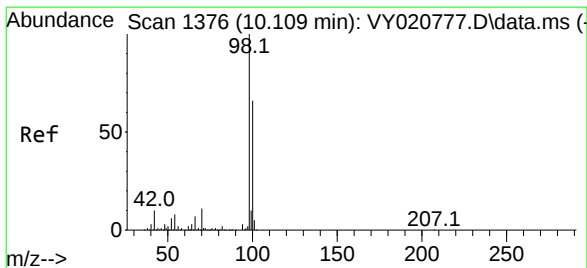
Tgt Ion:	114	Resp:	311195
Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	38.4
88	15.3	0.0	31.2



#35
 Dibromofluoromethane
 Concen: 49.582 ug/l
 RT: 7.652 min Scan# 973
 Delta R.T. 0.012 min
 Lab File: VY020800.D
 Acq: 08 Jan 2025 10:18

Tgt Ion:	113	Resp:	96666
Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.7	122.5
192	20.8	16.7	25.1





#50

Toluene-d8

Concen: 52.579 ug/l

RT: 10.121 min Scan# 1378

Delta R.T. 0.012 min

Lab File: VY020800.D

Acq: 08 Jan 2025 10:18

Instrument :

MSVOA_Y

ClientSampleId :

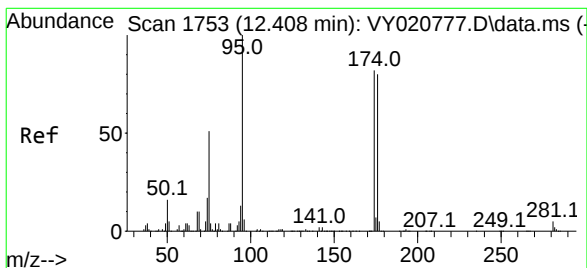
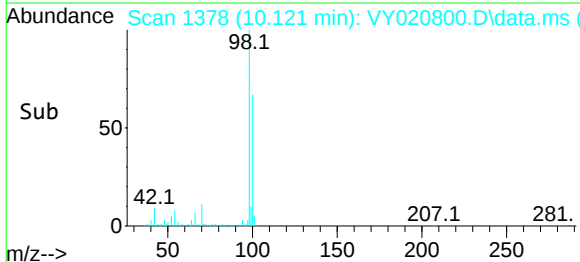
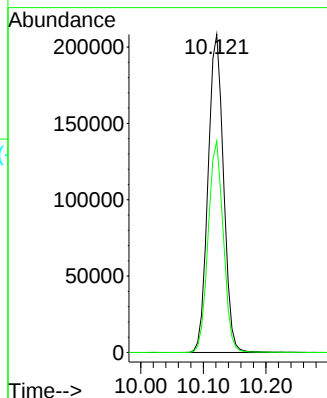
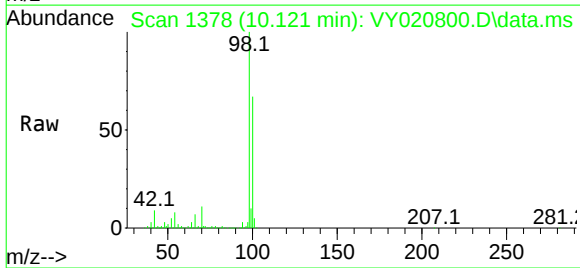
VY0108SBL01

Tgt Ion: 98 Resp: 357345

Ion Ratio Lower Upper

98 100

100 65.4 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 40.978 ug/l

RT: 12.420 min Scan# 1755

Delta R.T. 0.012 min

Lab File: VY020800.D

Acq: 08 Jan 2025 10:18

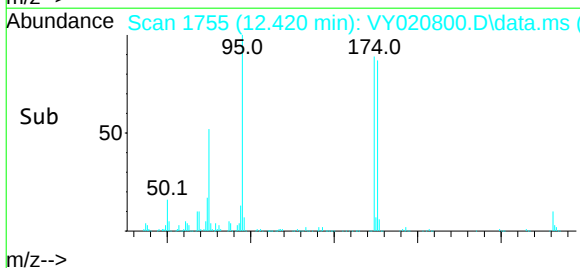
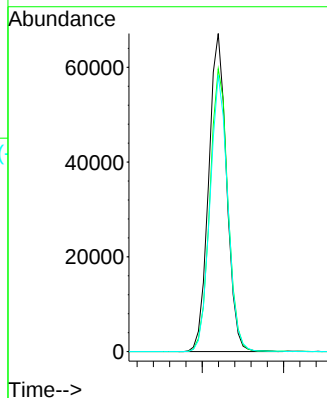
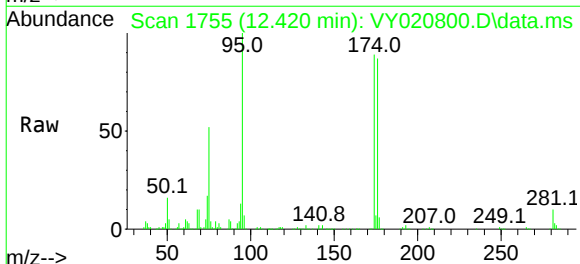
Tgt Ion: 95 Resp: 102845

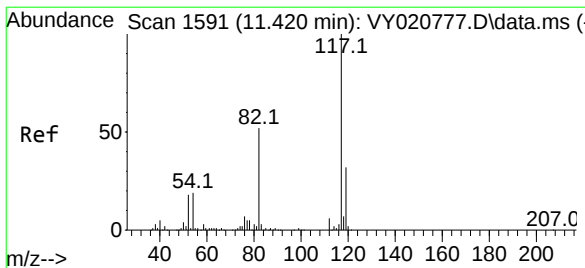
Ion Ratio Lower Upper

95 100

174 89.3 0.0 178.0

176 86.1 0.0 172.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.432 min Scan# 1593

Delta R.T. 0.012 min

Lab File: VY020800.D

Acq: 08 Jan 2025 10:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0108SBL01

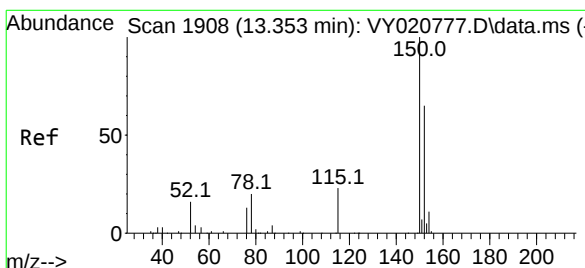
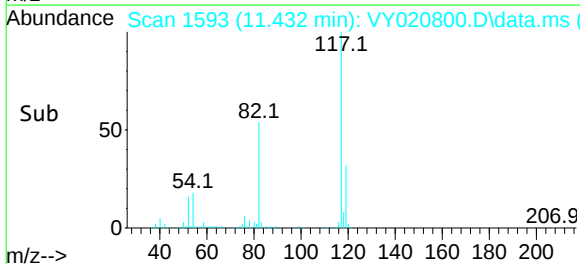
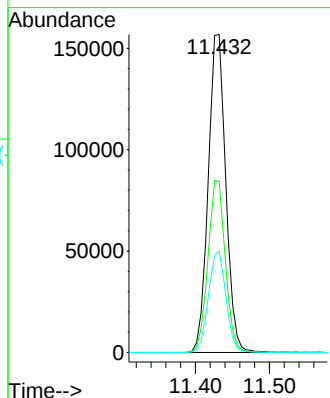
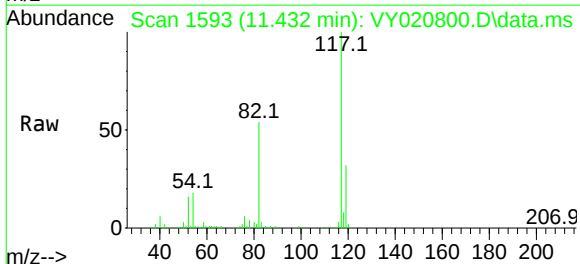
Tgt Ion:117 Resp: 258466

Ion Ratio Lower Upper

117 100

82 53.7 41.8 62.6

119 31.9 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: VY020800.D

Acq: 08 Jan 2025 10:18

Tgt Ion:152 Resp: 94635

Ion Ratio Lower Upper

152 100

115 57.1 29.0 87.0

150 156.0 0.0 347.4

