

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011525\
 Data File : VY020833.D
 Acq On : 15 Jan 2025 13:58
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Jan 16 00:59:05 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	7.713	168	197000	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	342266	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	300735	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	126182	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	103833	62.011	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.020%
35) Dibromofluoromethane	7.640	113	108887	50.781	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.560%
50) Toluene-d8	10.109	98	399401	53.432	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	106.860%
62) 4-Bromofluorobenzene	12.414	95	127457	46.174	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	92.340%

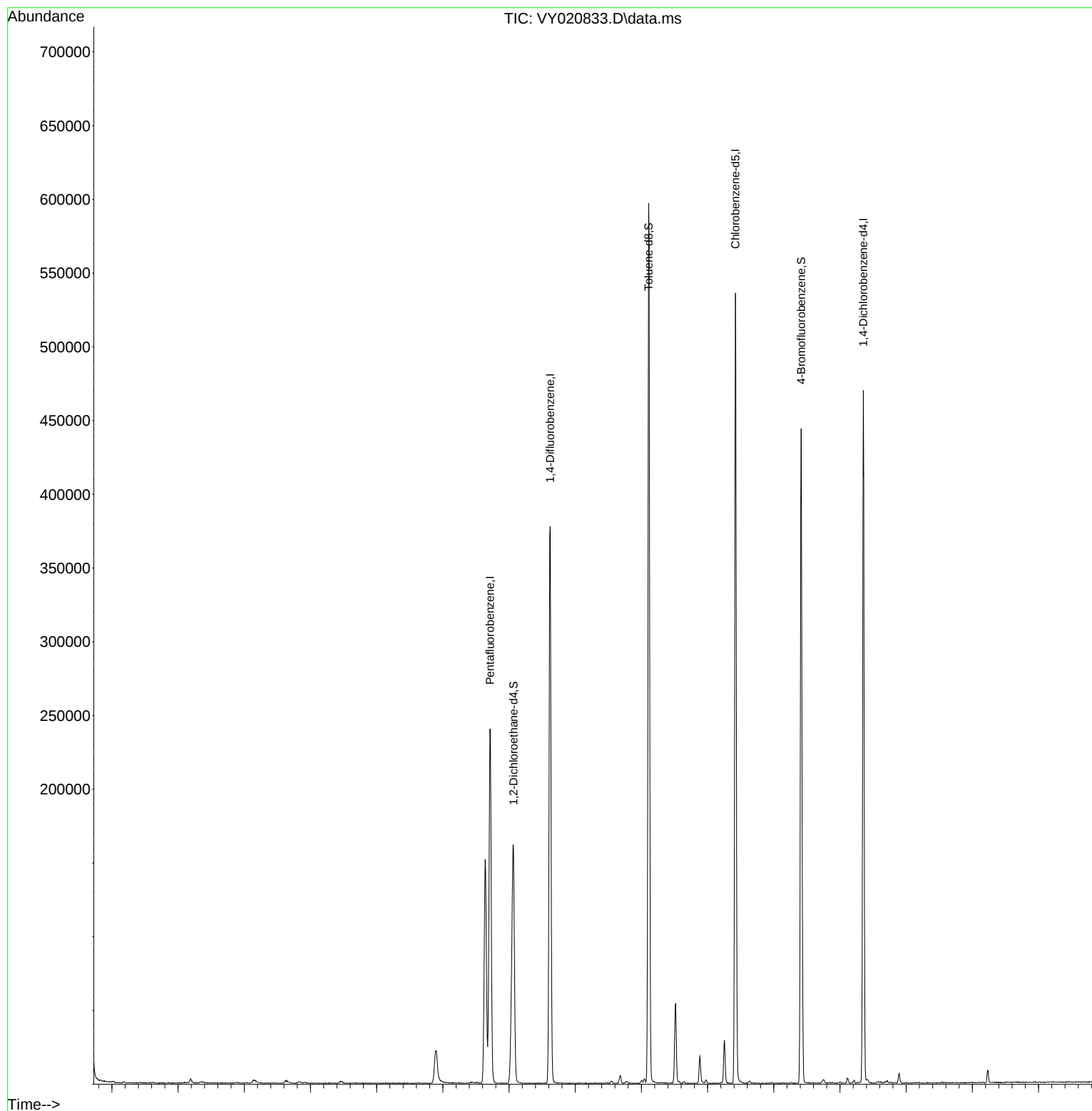
Target Compounds Qvalue

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

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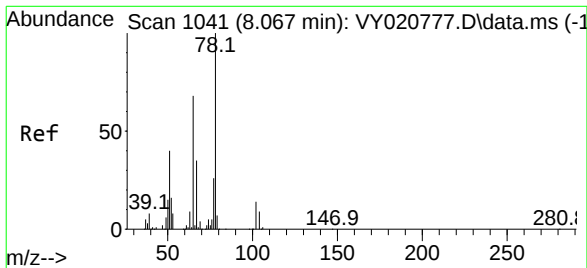
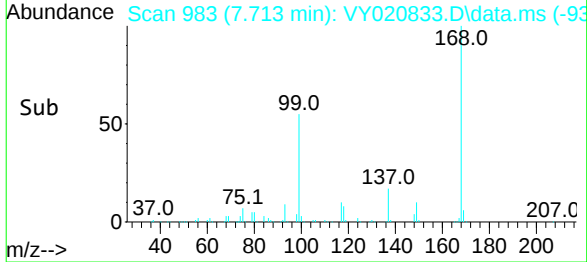
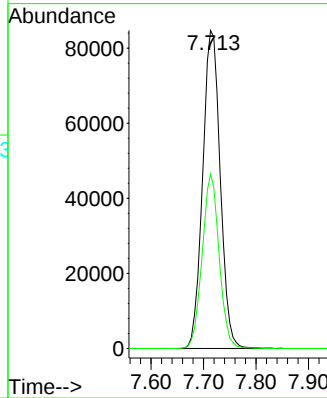
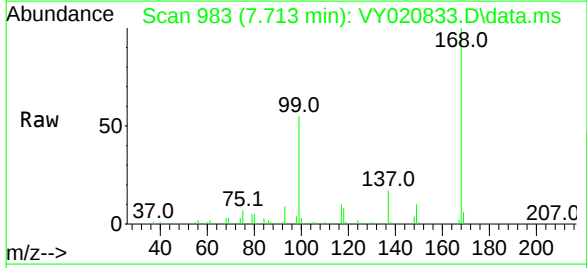




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY020833.D
Acq: 15 Jan 2025 13:58

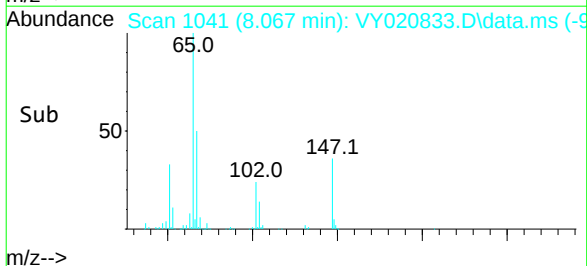
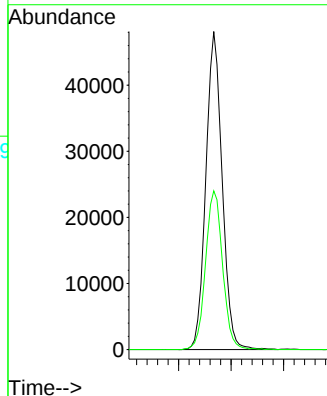
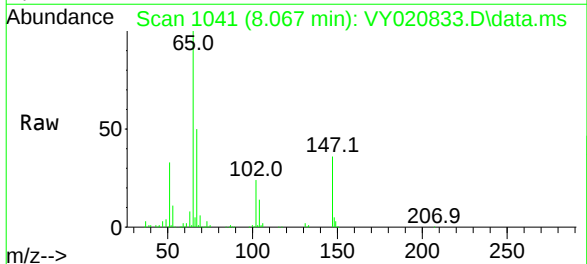
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

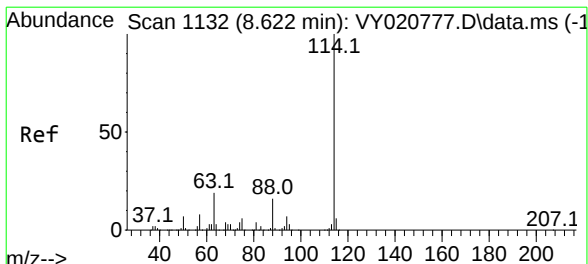
Tgt Ion:168 Resp: 197000
Ion Ratio Lower Upper
168 100
99 54.9 44.3 66.5



#33
1,2-Dichloroethane-d4
Concen: 62.011 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VY020833.D
Acq: 15 Jan 2025 13:58

Tgt Ion: 65 Resp: 103833
Ion Ratio Lower Upper
65 100
67 52.3 0.0 102.8

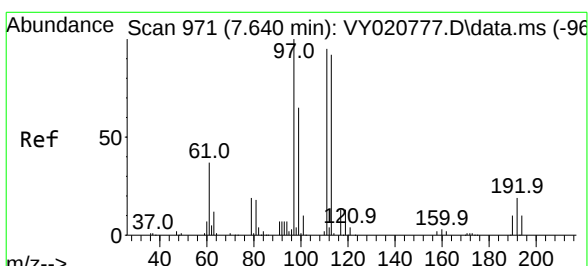
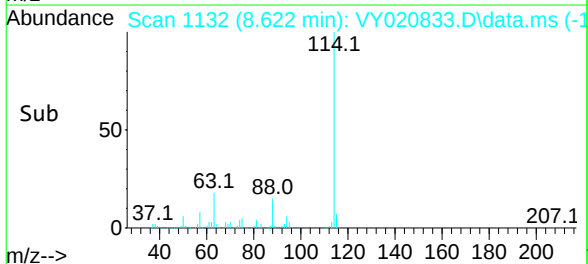
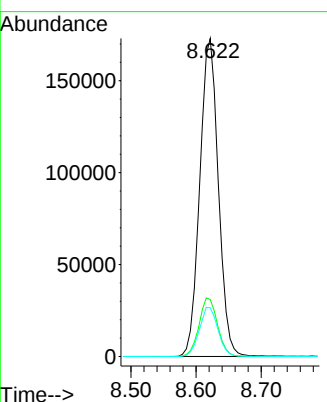
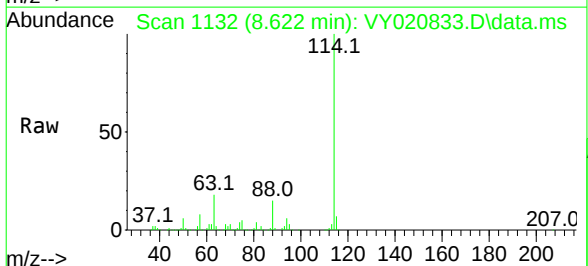




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.622 min Scan# 1132
 Delta R.T. 0.000 min
 Lab File: VY020833.D
 Acq: 15 Jan 2025 13:58

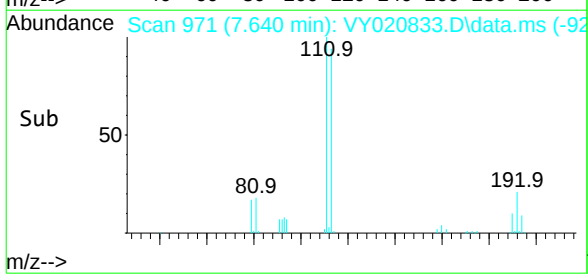
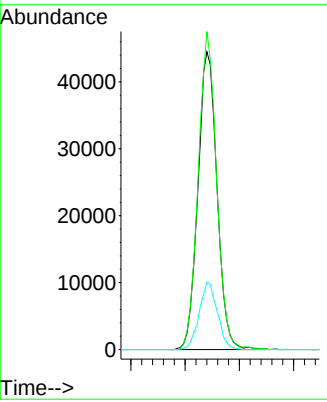
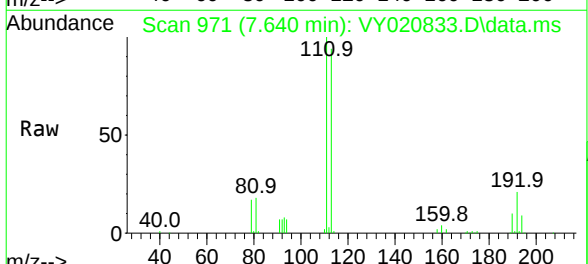
Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

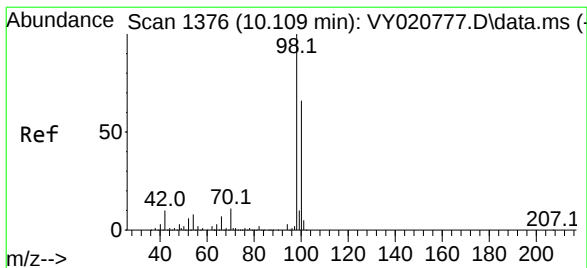
Tgt Ion:	114	Resp:	342266
Ion	Ratio	Lower	Upper
114	100		
63	17.9	0.0	38.4
88	15.3	0.0	31.2



#35
 Dibromofluoromethane
 Concen: 50.781 ug/l
 RT: 7.640 min Scan# 971
 Delta R.T. 0.000 min
 Lab File: VY020833.D
 Acq: 15 Jan 2025 13:58

Tgt Ion:	113	Resp:	108887
Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.7	122.5
192	21.6	16.7	25.1





#50

Toluene-d8

Concen: 53.432 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY020833.D

Acq: 15 Jan 2025 13:58

Instrument :

MSVOA_Y

ClientSampleId :

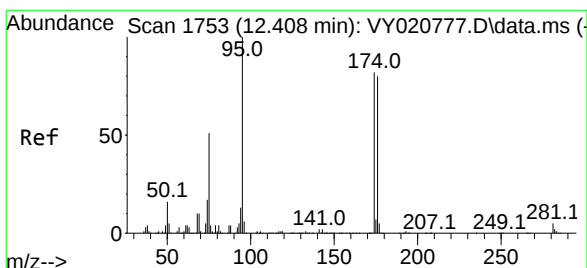
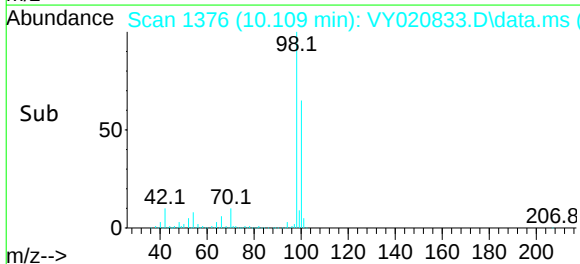
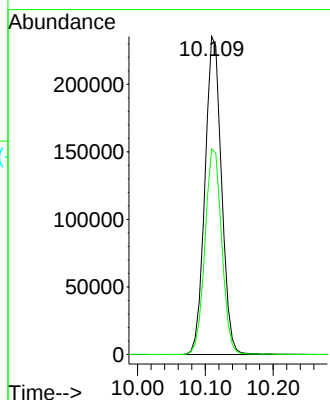
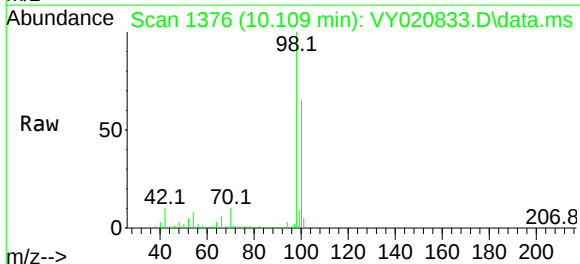
VIBLK

Tgt Ion: 98 Resp: 399401

Ion Ratio Lower Upper

98 100

100 65.5 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 46.174 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. 0.006 min

Lab File: VY020833.D

Acq: 15 Jan 2025 13:58

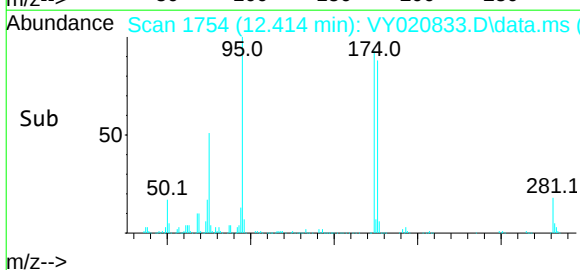
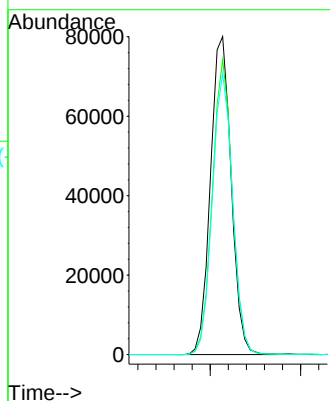
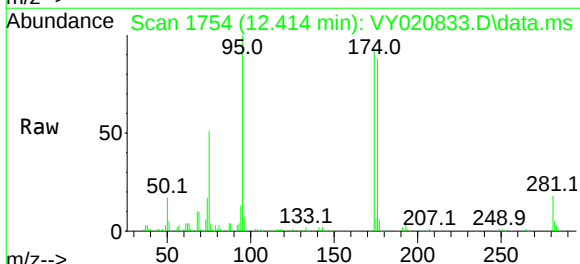
Tgt Ion: 95 Resp: 127457

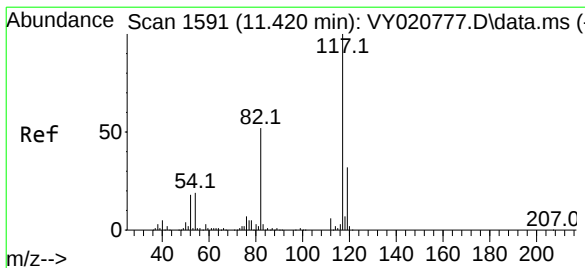
Ion Ratio Lower Upper

95 100

174 89.9 0.0 178.0

176 86.7 0.0 172.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. 0.000 min

Lab File: VY020833.D

Acq: 15 Jan 2025 13:58

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

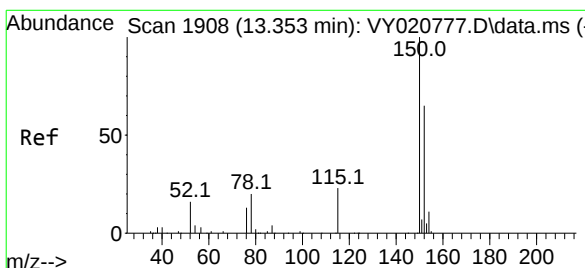
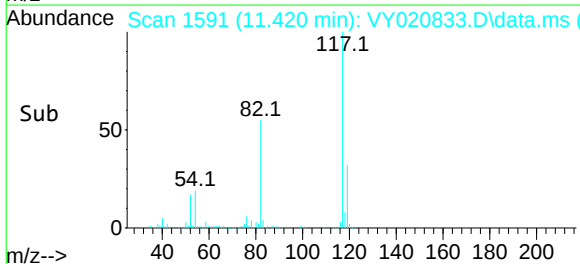
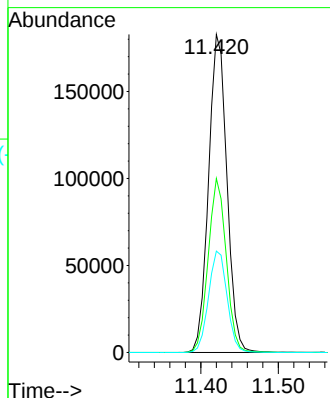
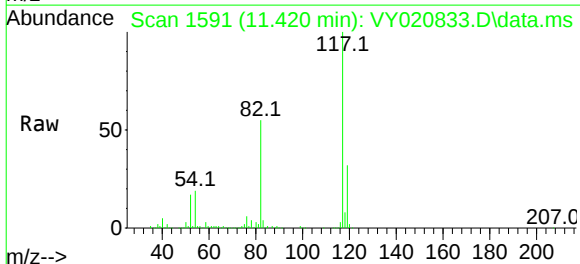
Tgt Ion:117 Resp: 300735

Ion Ratio Lower Upper

117 100

82 54.7 41.8 62.6

119 31.9 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY020833.D

Acq: 15 Jan 2025 13:58

Tgt Ion:152 Resp: 126182

Ion Ratio Lower Upper

152 100

115 55.7 29.0 87.0

150 155.1 0.0 347.4

