

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012025\
 Data File : VY020885.D
 Acq On : 20 Jan 2025 16:56
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Jan 21 00:44:07 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	7.719	168	184273	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	317055	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	275961	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	105641	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	92905	59.317	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.640%
35) Dibromofluoromethane	7.640	113	101468	51.083	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.160%
50) Toluene-d8	10.109	98	371241	53.614	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	107.220%
62) 4-Bromofluorobenzene	12.414	95	110920	43.378	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	86.760%

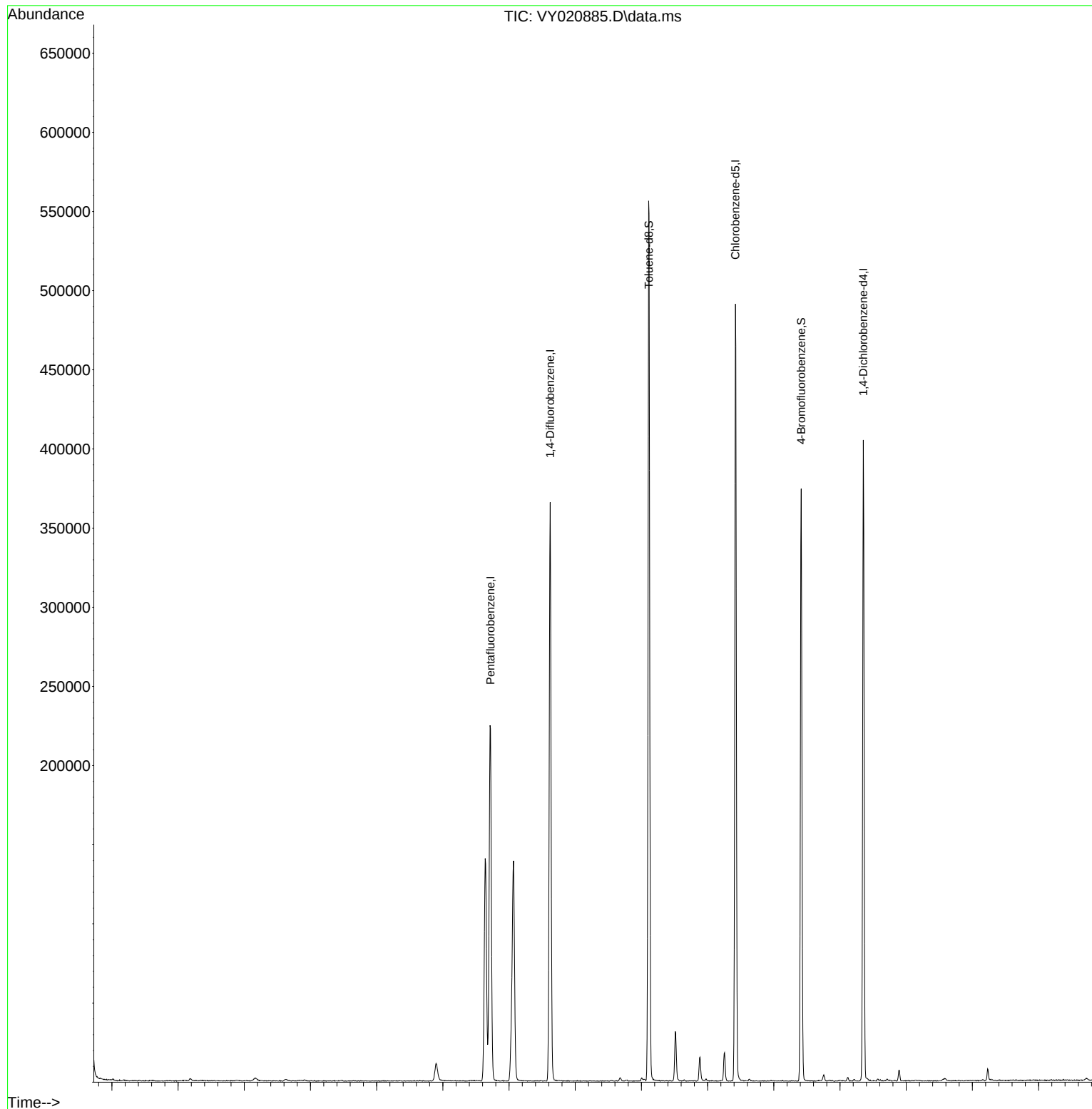
Target Compounds Qvalue

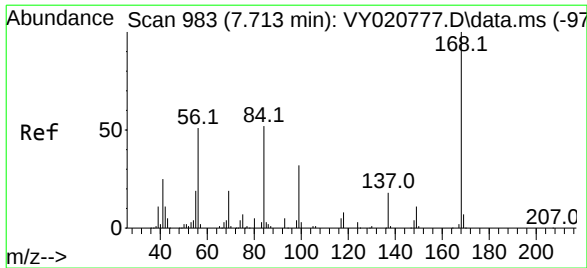
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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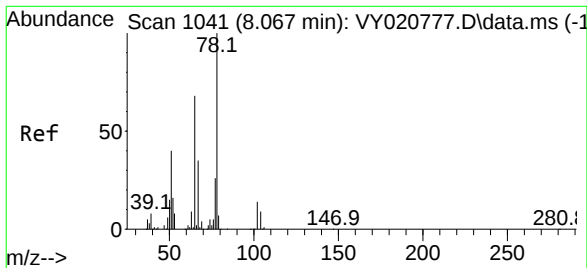
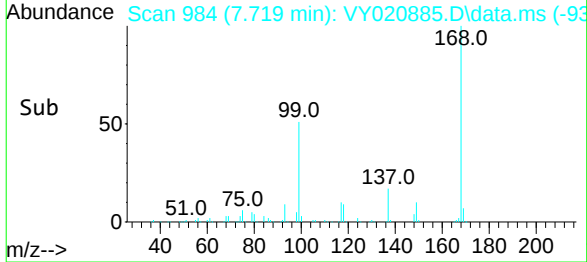
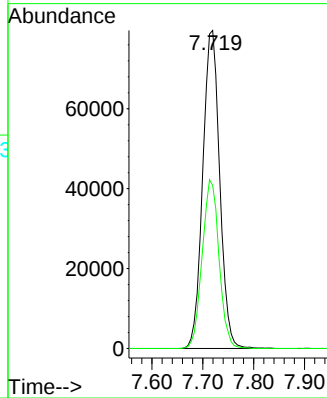
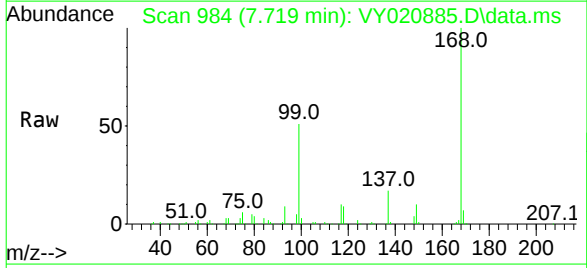




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY020885.D
Acq: 20 Jan 2025 16:56

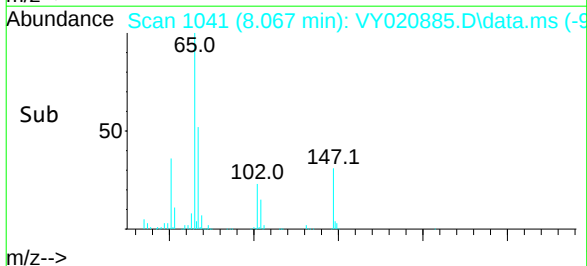
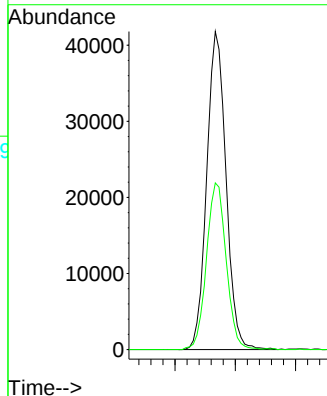
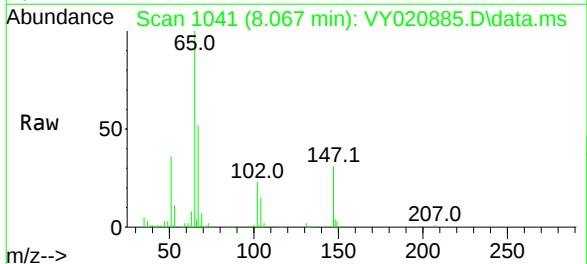
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

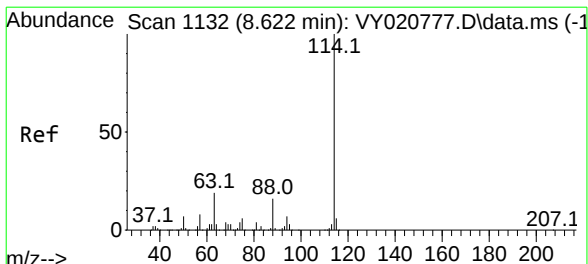
Tgt Ion:168 Resp: 184273
Ion Ratio Lower Upper
168 100
99 51.2 44.3 66.5



#33
1,2-Dichloroethane-d4
Concen: 59.317 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY020885.D
Acq: 20 Jan 2025 16:56

Tgt Ion: 65 Resp: 92905
Ion Ratio Lower Upper
65 100
67 53.5 0.0 102.8

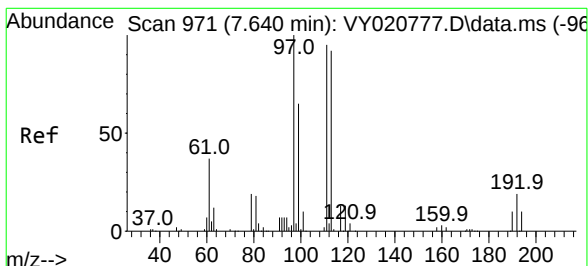
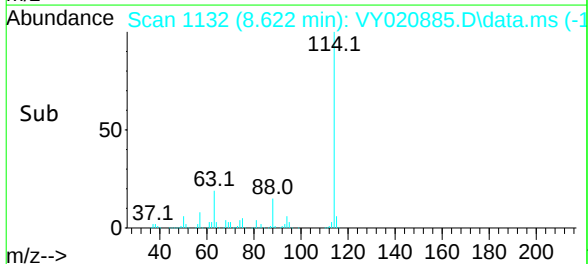
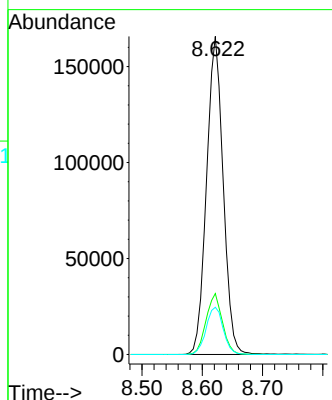
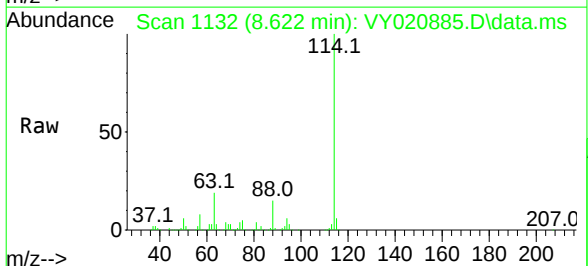




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.622 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VY020885.D
 Acq: 20 Jan 2025 16:56

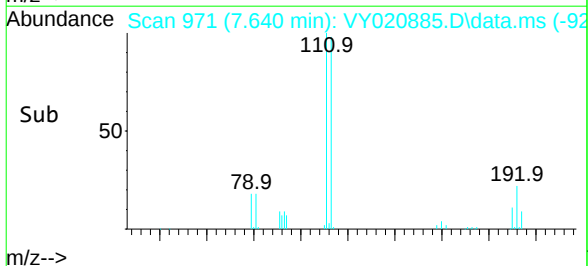
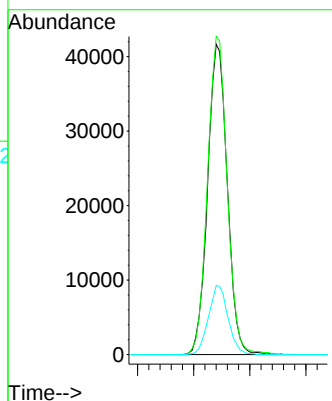
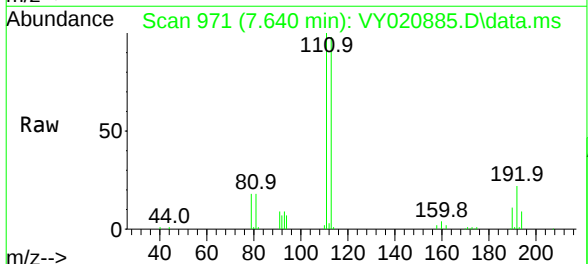
Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

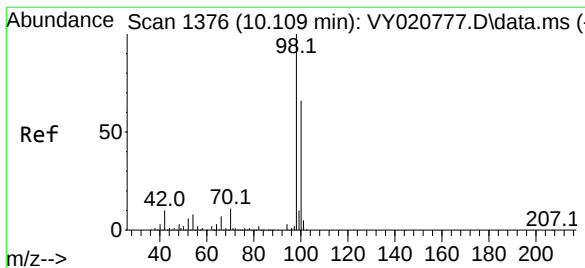
Tgt Ion:	114	Resp:	317055
Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	38.4
88	14.8	0.0	31.2



#35
 Dibromofluoromethane
 Concen: 51.083 ug/l
 RT: 7.640 min Scan# 971
 Delta R.T. -0.000 min
 Lab File: VY020885.D
 Acq: 20 Jan 2025 16:56

Tgt Ion:	113	Resp:	101468
Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.7	122.5
192	22.2	16.7	25.1





#50

Toluene-d8

Concen: 53.614 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY020885.D

Acq: 20 Jan 2025 16:56

Instrument :

MSVOA_Y

ClientSampleId :

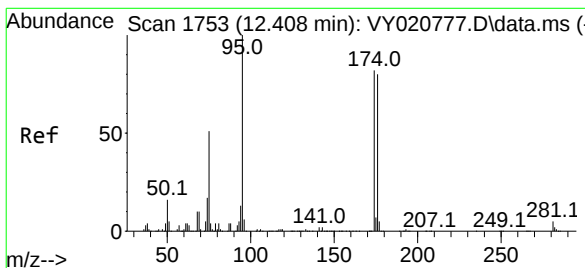
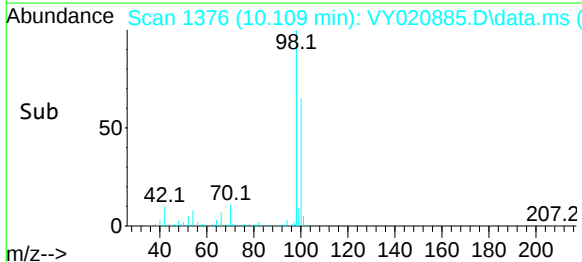
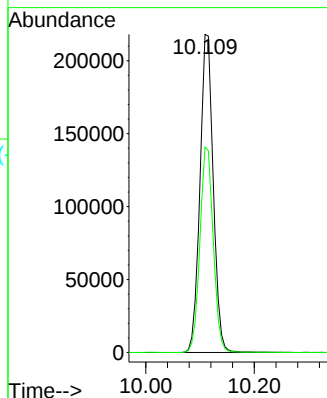
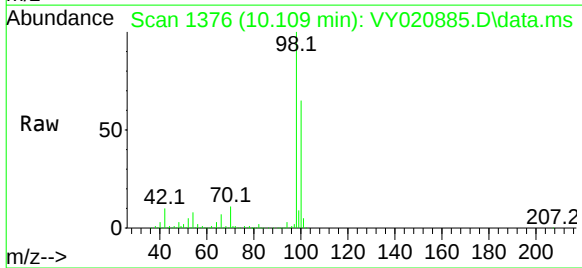
VIBLK

Tgt Ion: 98 Resp: 371241

Ion Ratio Lower Upper

98 100

100 64.9 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 43.378 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. 0.006 min

Lab File: VY020885.D

Acq: 20 Jan 2025 16:56

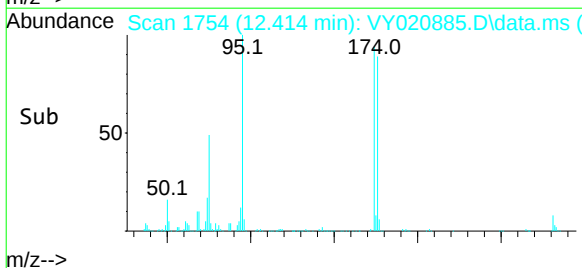
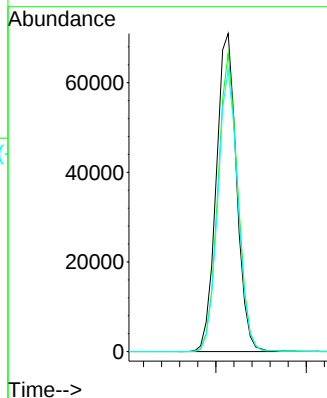
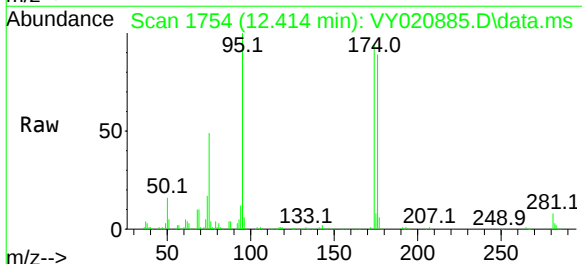
Tgt Ion: 95 Resp: 110920

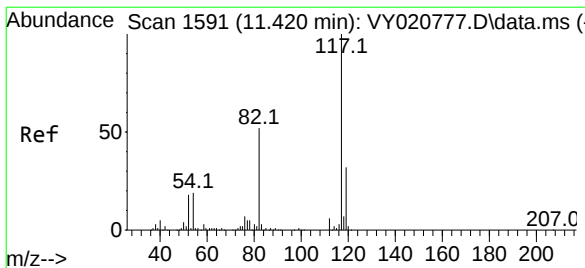
Ion Ratio Lower Upper

95 100

174 91.8 0.0 178.0

176 87.2 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: VY020885.D

Acq: 20 Jan 2025 16:56

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

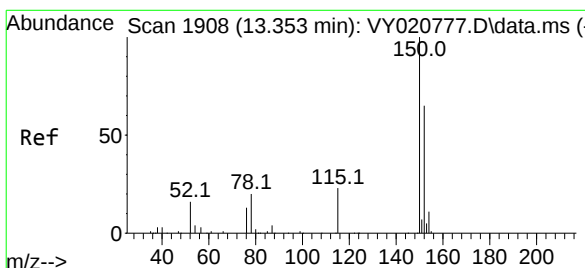
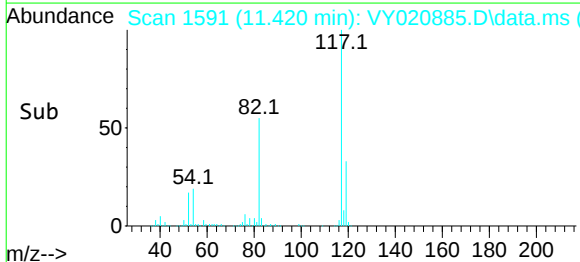
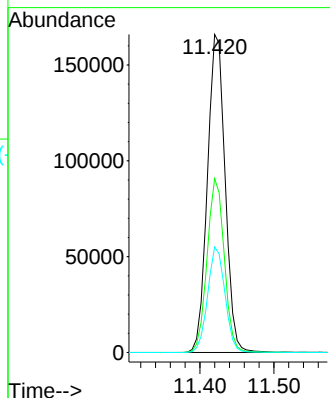
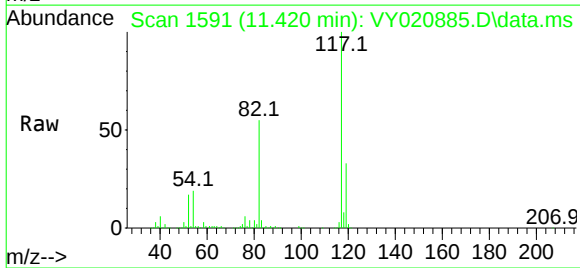
Tgt Ion:117 Resp: 275961

Ion Ratio Lower Upper

117 100

82 54.7 41.8 62.6

119 33.2 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY020885.D

Acq: 20 Jan 2025 16:56

Tgt Ion:152 Resp: 105641

Ion Ratio Lower Upper

152 100

115 56.6 29.0 87.0

150 159.2 0.0 347.4

