

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012225\
 Data File : VY020898.D
 Acq On : 22 Jan 2025 13:45
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Jan 23 00:45:42 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	7.731	168	217445	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.634	114	372559	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.432	117	303730	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.365	152	104718	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.085	65	101380	54.853	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.700%
35) Dibromofluoromethane	7.658	113	114880	49.219	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.440%
50) Toluene-d8	10.127	98	426723	52.445	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	104.900%
62) 4-Bromofluorobenzene	12.426	95	116347	38.722	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	77.440%

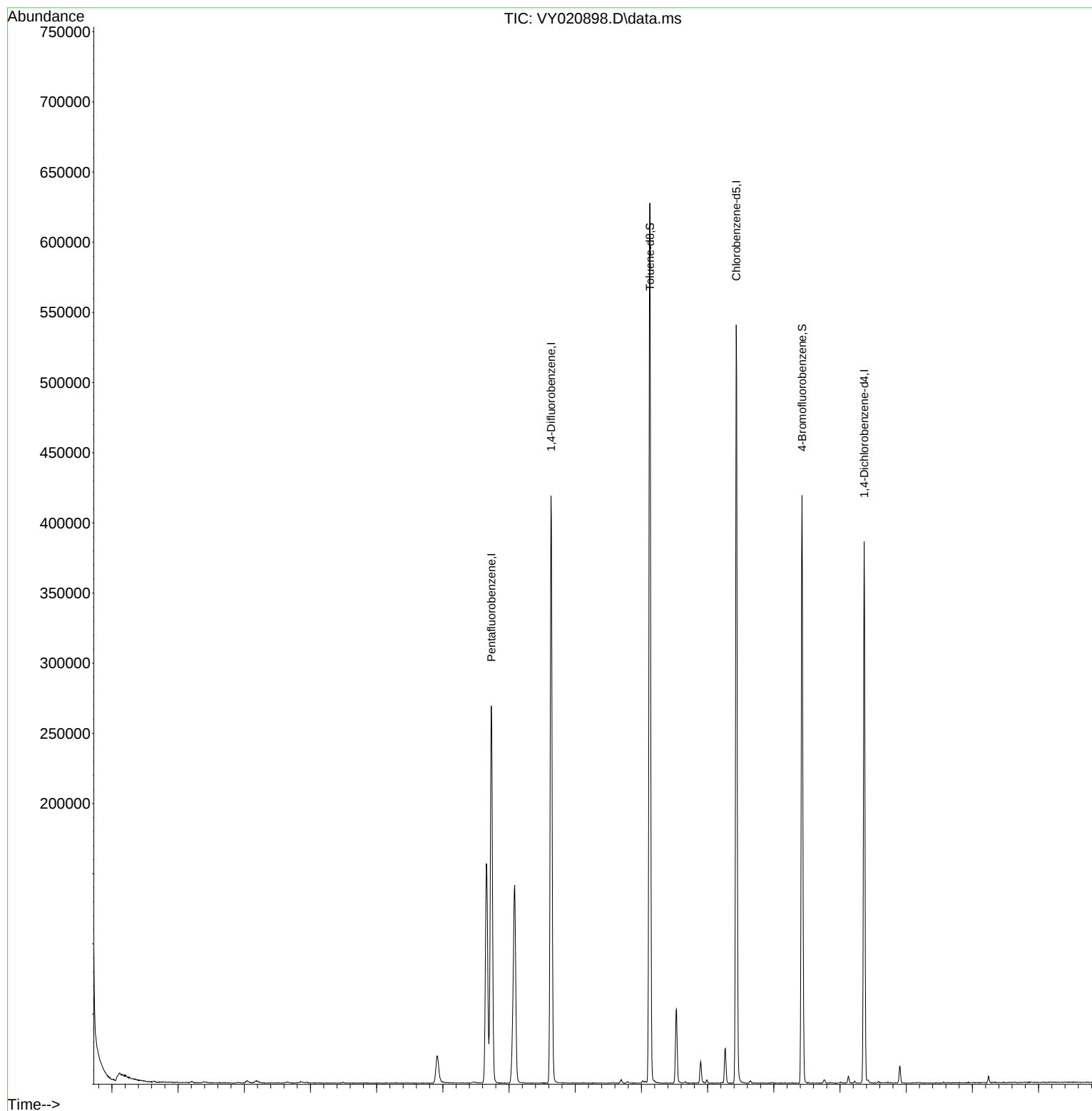
Target Compounds Qvalue

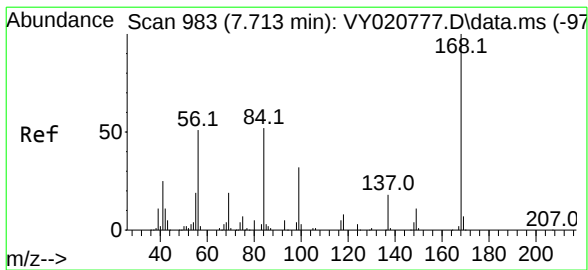
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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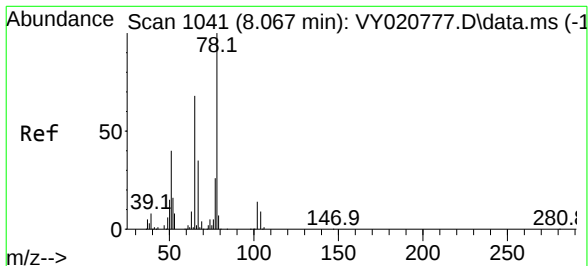
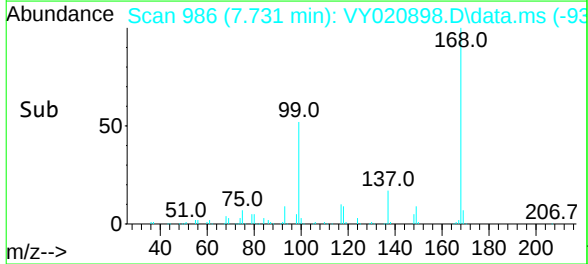
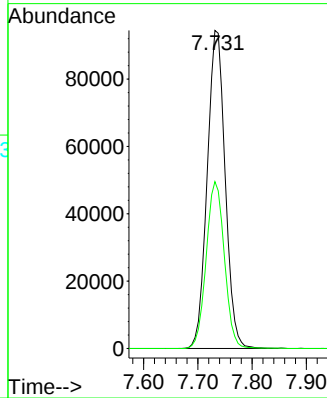
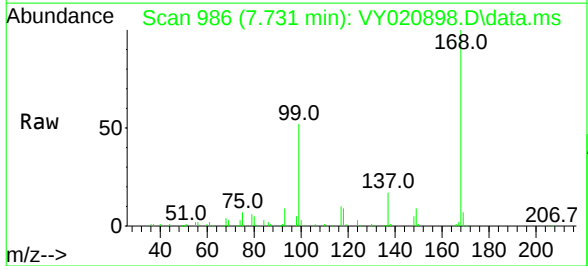




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.731 min Scan# 98
Delta R.T. -0.006 min
Lab File: VY020898.D
Acq: 22 Jan 2025 13:45

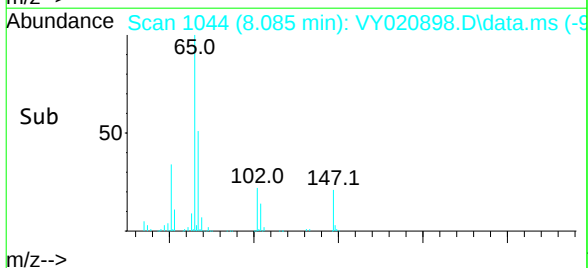
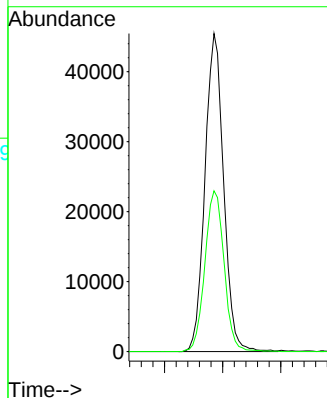
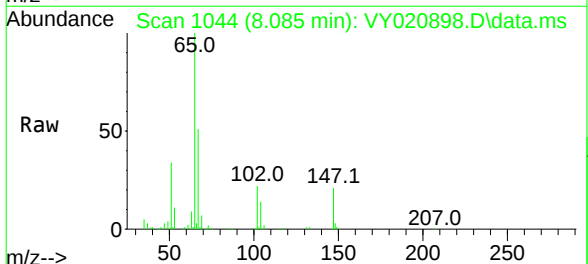
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

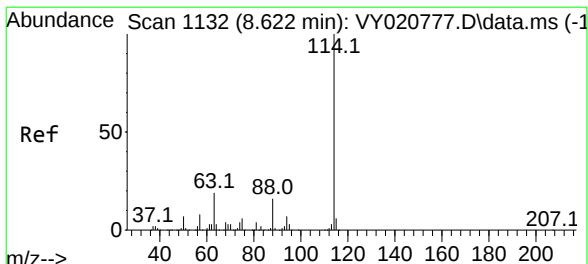
Tgt Ion:168 Resp: 217445
Ion Ratio Lower Upper
168 100
99 52.5 44.3 66.5



#33
1,2-Dichloroethane-d4
Concen: 54.853 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. -0.006 min
Lab File: VY020898.D
Acq: 22 Jan 2025 13:45

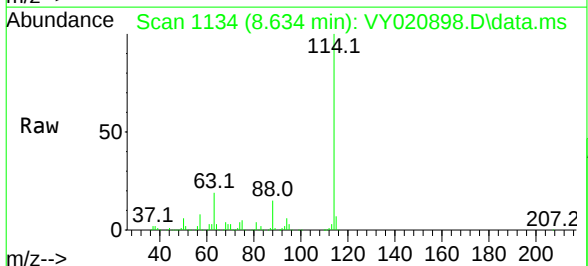
Tgt Ion: 65 Resp: 101380
Ion Ratio Lower Upper
65 100
67 52.1 0.0 102.8





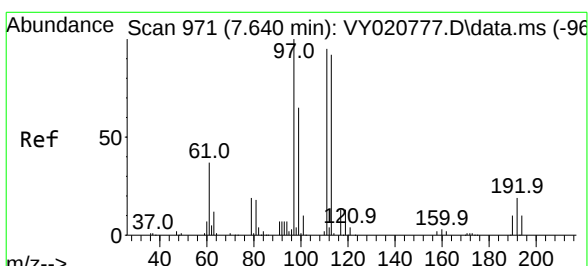
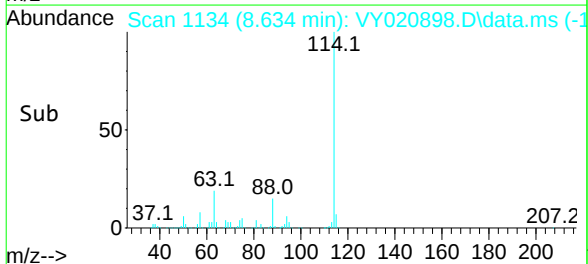
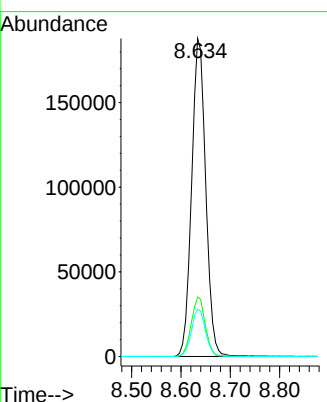
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.634 min Scan# 1134
 Delta R.T. -0.006 min
 Lab File: VY020898.D
 Acq: 22 Jan 2025 13:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK



Tgt Ion: 114 Resp: 372559

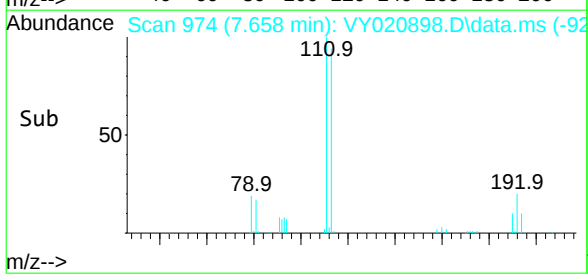
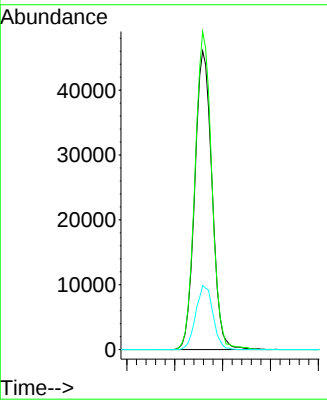
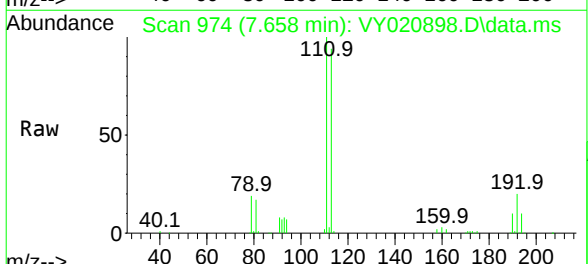
Ion	Ratio	Lower	Upper
114	100		
63	18.7	0.0	38.4
88	14.9	0.0	31.2

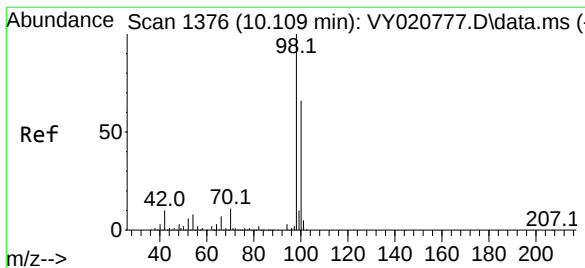


#35
 Dibromofluoromethane
 Concen: 49.219 ug/l
 RT: 7.658 min Scan# 974
 Delta R.T. -0.006 min
 Lab File: VY020898.D
 Acq: 22 Jan 2025 13:45

Tgt Ion: 113 Resp: 114880

Ion	Ratio	Lower	Upper
113	100		
111	104.1	81.7	122.5
192	21.4	16.7	25.1





#50

Toluene-d8

Concen: 52.445 ug/l

RT: 10.127 min Scan# 13

Delta R.T. -0.006 min

Lab File: VY020898.D

Acq: 22 Jan 2025 13:45

Instrument :

MSVOA_Y

ClientSampleId :

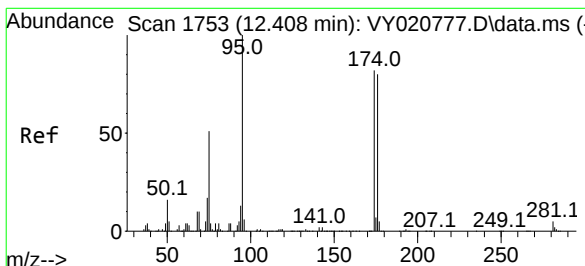
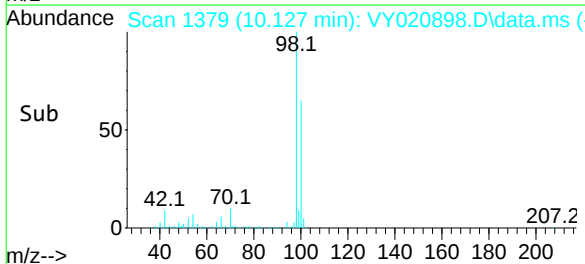
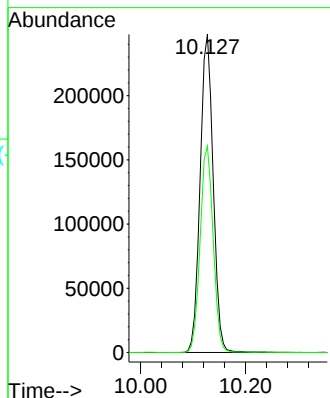
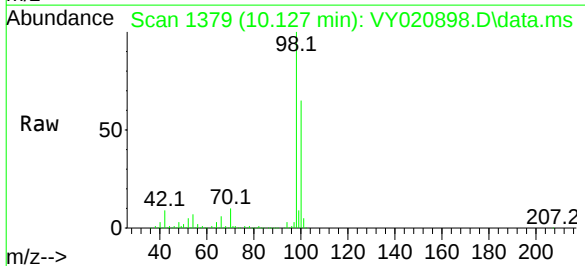
VIBLK

Tgt Ion: 98 Resp: 426723

Ion Ratio Lower Upper

98 100

100 65.0 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 38.722 ug/l

RT: 12.426 min Scan# 1756

Delta R.T. 0.000 min

Lab File: VY020898.D

Acq: 22 Jan 2025 13:45

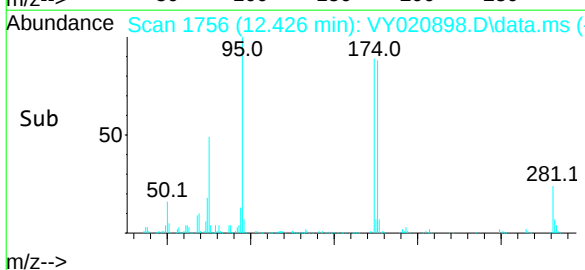
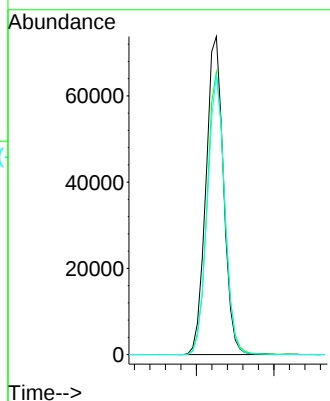
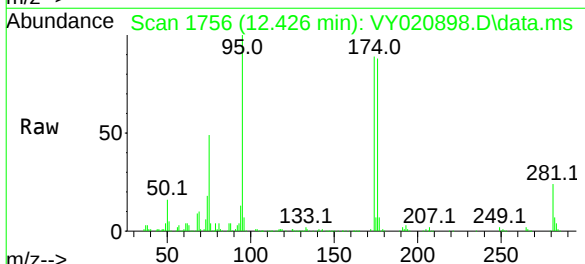
Tgt Ion: 95 Resp: 116347

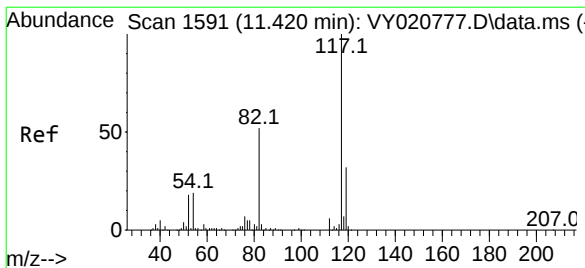
Ion Ratio Lower Upper

95 100

174 88.7 0.0 178.0

176 86.5 0.0 172.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.432 min Scan# 15

Delta R.T. -0.006 min

Lab File: VY020898.D

Acq: 22 Jan 2025 13:45

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

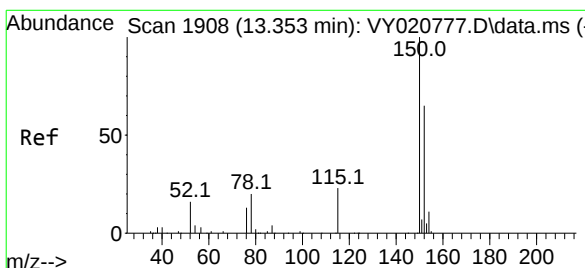
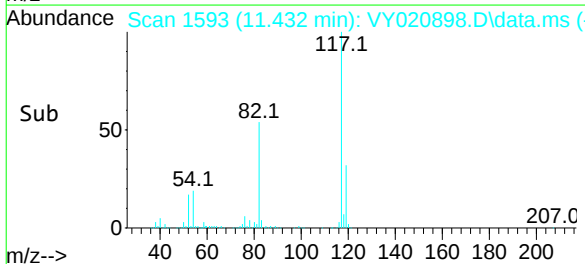
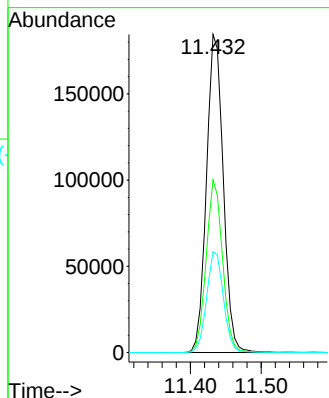
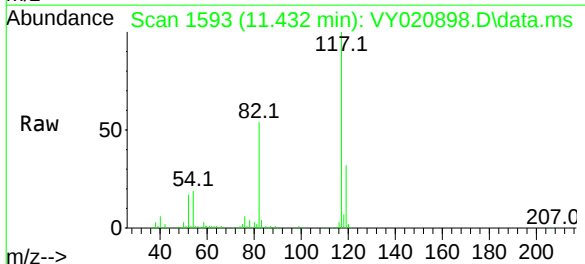
Tgt Ion:117 Resp: 303730

Ion Ratio Lower Upper

117 100

82 54.3 41.8 62.6

119 31.7 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY020898.D

Acq: 22 Jan 2025 13:45

Tgt Ion:152 Resp: 104718

Ion Ratio Lower Upper

152 100

115 55.7 29.0 87.0

150 156.0 0.0 347.4

