

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010625\
 Data File : VY020780.D
 Acq On : 06 Jan 2025 11:55
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Jan 07 02:00:23 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	163730	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	267025	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	224547	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	87986	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	71420	51.320	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.640%
35) Dibromofluoromethane	7.640	113	79951	47.792	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.580%
50) Toluene-d8	10.109	98	310150	53.183	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	106.360%
62) 4-Bromofluorobenzene	12.414	95	93483	43.409	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	86.820%

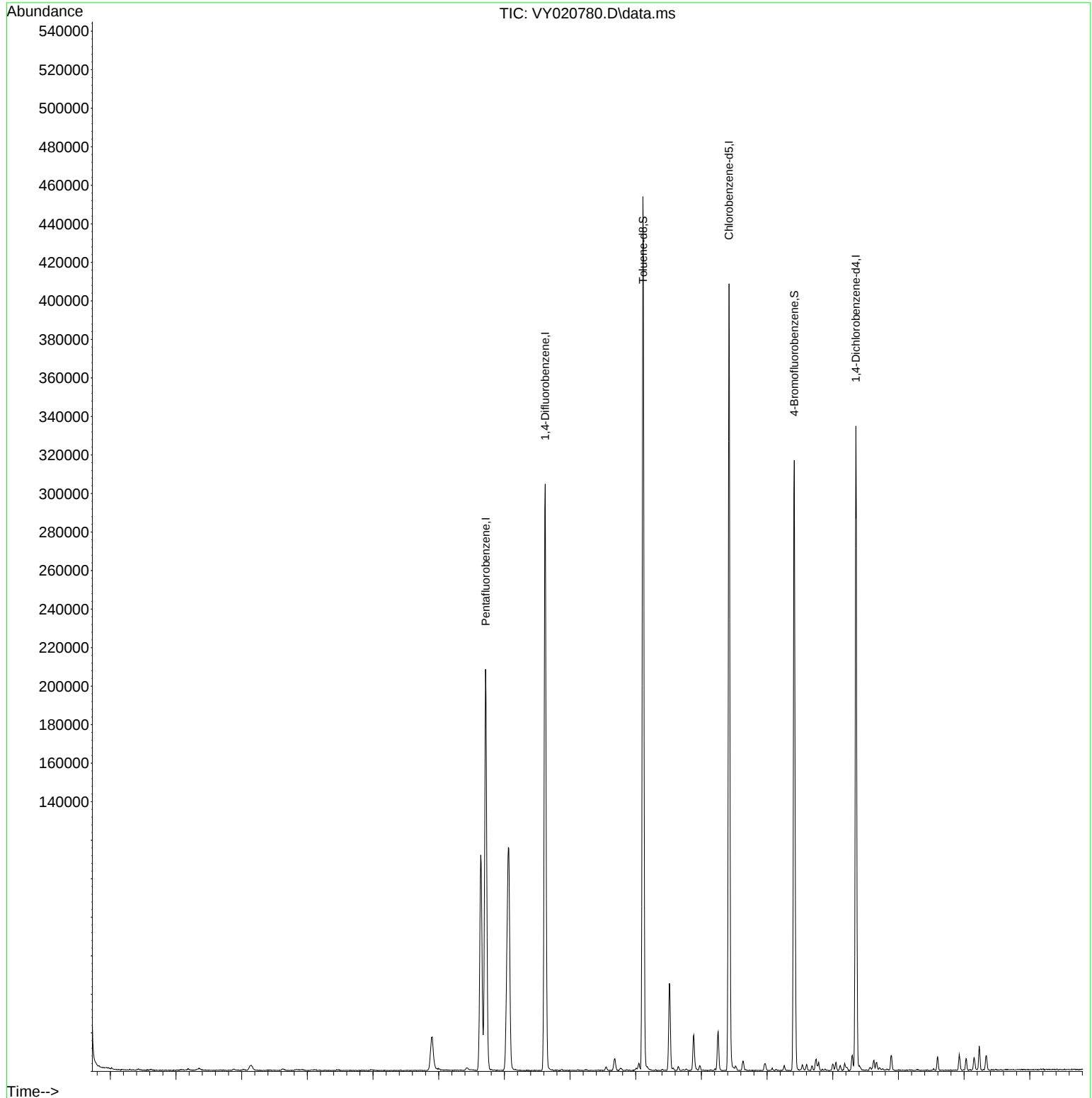
Target Compounds Qvalue

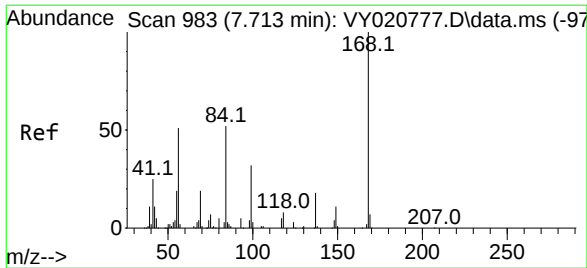
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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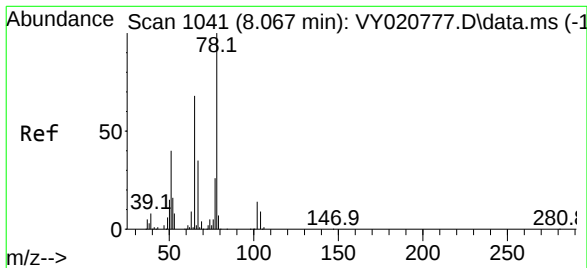
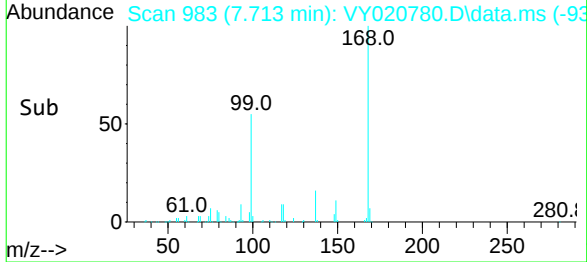
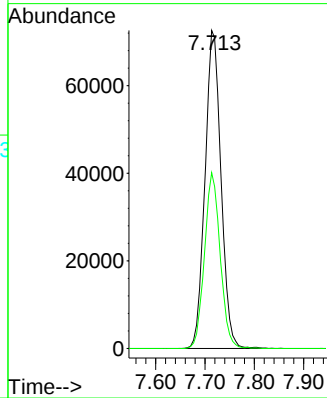
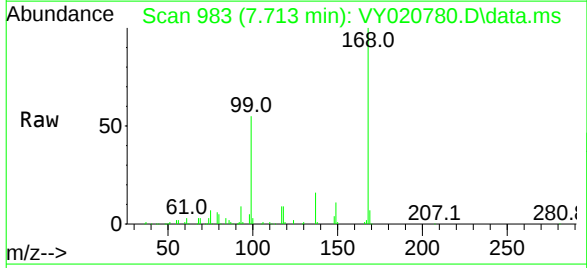




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY020780.D
Acq: 06 Jan 2025 11:55

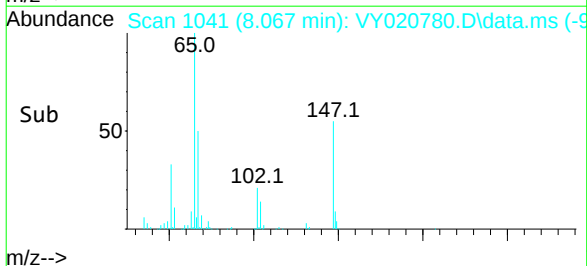
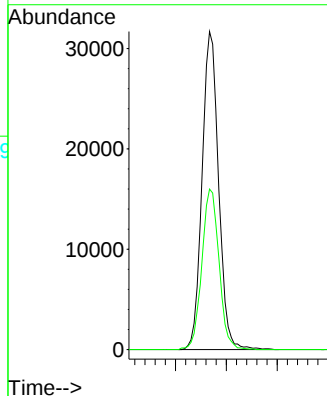
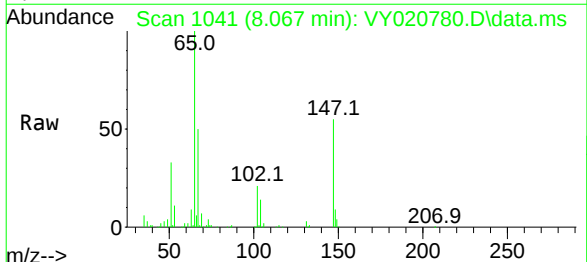
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

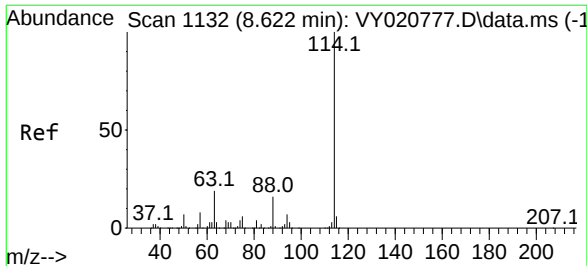
Tgt Ion:168 Resp: 163730
Ion Ratio Lower Upper
168 100
99 55.3 44.3 66.5



#33
1,2-Dichloroethane-d4
Concen: 51.320 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VY020780.D
Acq: 06 Jan 2025 11:55

Tgt Ion: 65 Resp: 71420
Ion Ratio Lower Upper
65 100
67 52.5 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: VY020780.D

Acq: 06 Jan 2025 11:55

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

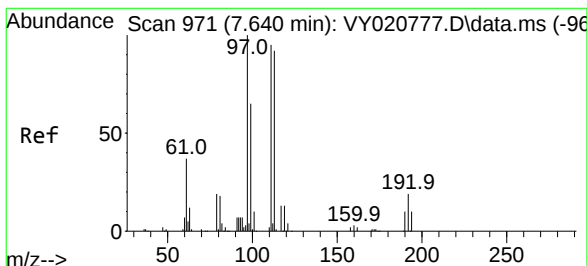
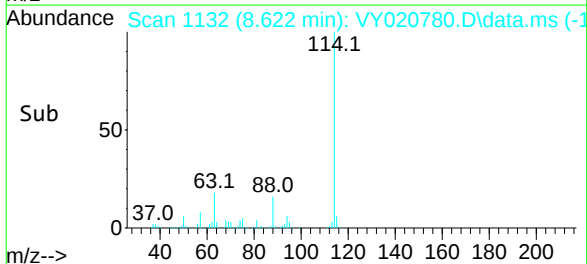
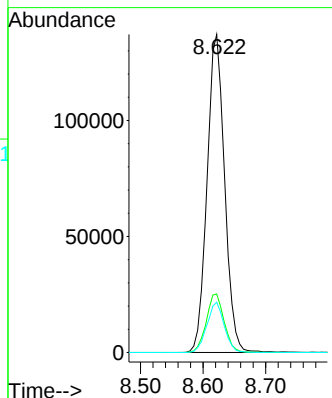
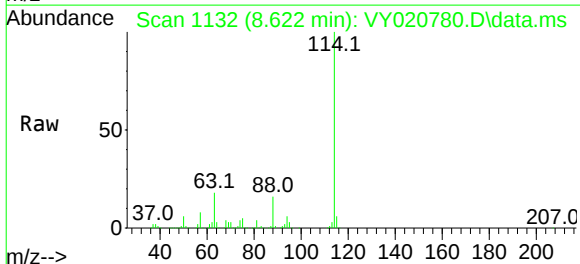
Tgt Ion:114 Resp: 267025

Ion Ratio Lower Upper

114 100

63 18.4 0.0 38.4

88 15.8 0.0 31.2



#35

Dibromofluoromethane

Concen: 47.792 ug/l

RT: 7.640 min Scan# 971

Delta R.T. 0.000 min

Lab File: VY020780.D

Acq: 06 Jan 2025 11:55

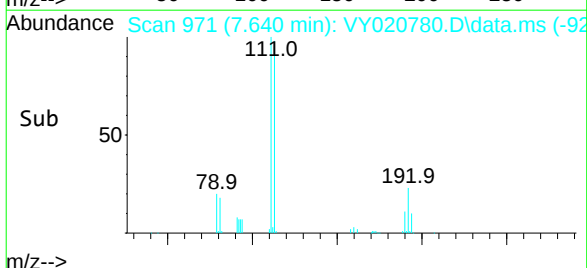
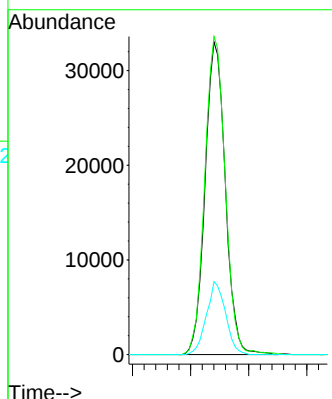
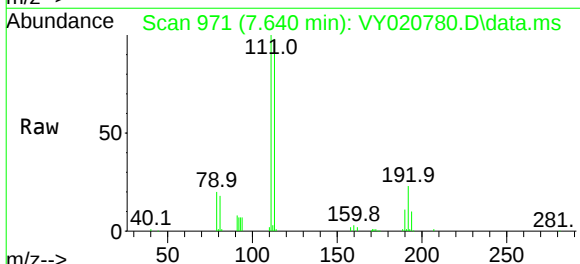
Tgt Ion:113 Resp: 79951

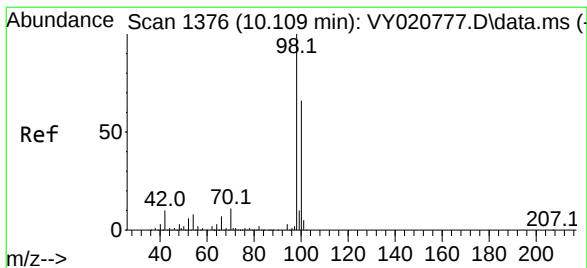
Ion Ratio Lower Upper

113 100

111 102.7 81.7 122.5

192 22.0 16.7 25.1





#50

Toluene-d8

Concen: 53.183 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY020780.D

Acq: 06 Jan 2025 11:55

Instrument :

MSVOA_Y

ClientSampleId :

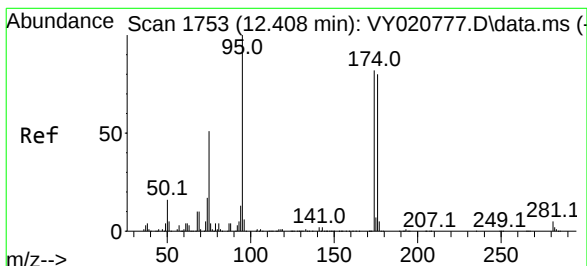
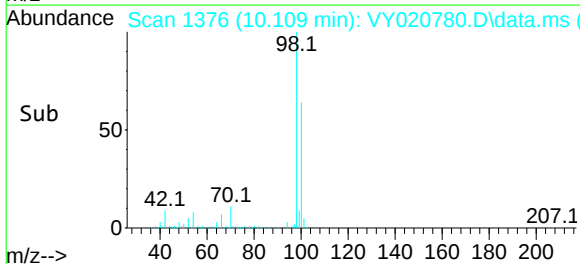
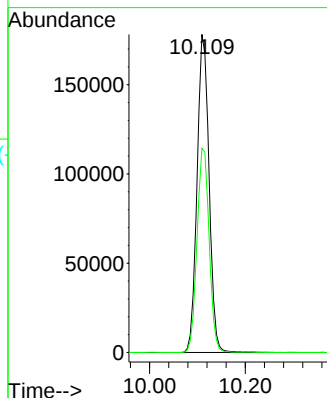
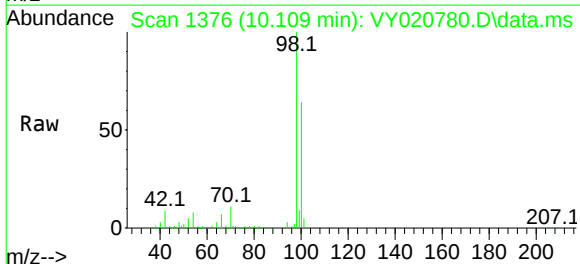
VIBLK

Tgt Ion: 98 Resp: 310150

Ion Ratio Lower Upper

98 100

100 65.1 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 43.409 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. 0.006 min

Lab File: VY020780.D

Acq: 06 Jan 2025 11:55

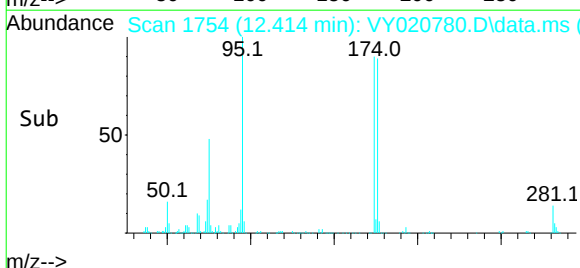
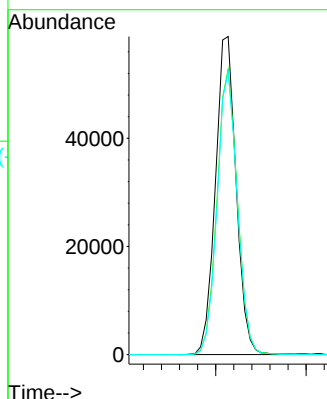
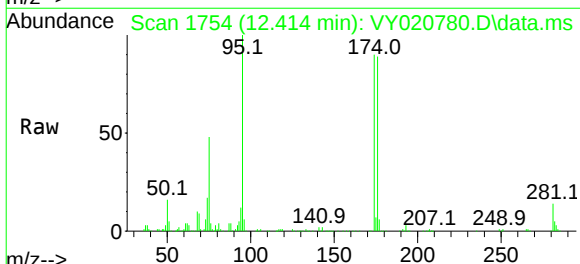
Tgt Ion: 95 Resp: 93483

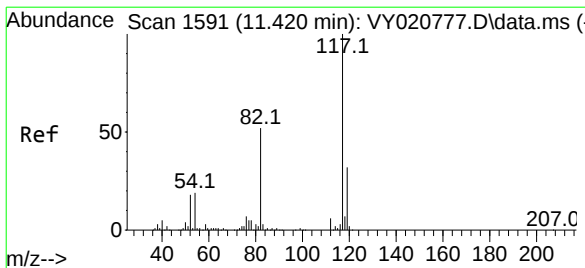
Ion Ratio Lower Upper

95 100

174 88.5 0.0 178.0

176 86.8 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: VY020780.D

Acq: 06 Jan 2025 11:55

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

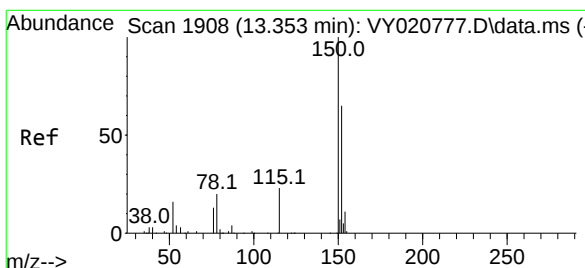
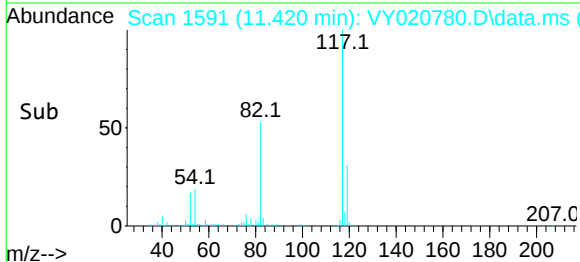
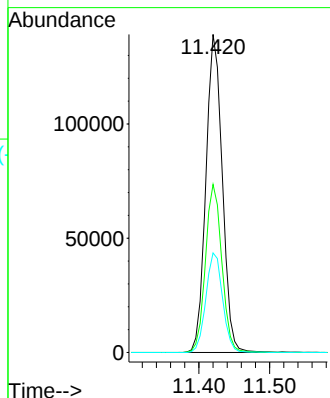
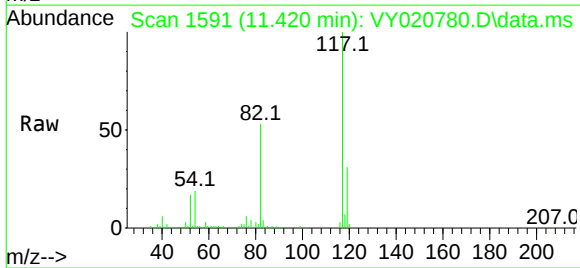
Tgt Ion:117 Resp: 224547

Ion Ratio Lower Upper

117 100

82 52.8 41.8 62.6

119 31.3 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: VY020780.D

Acq: 06 Jan 2025 11:55

Tgt Ion:152 Resp: 87986

Ion Ratio Lower Upper

152 100

115 57.1 29.0 87.0

150 155.8 0.0 347.4

