

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021125\
 Data File : VY021170.D
 Acq On : 11 Feb 2025 13:07
 Operator : SY/MD
 Sample : Q1343-07
 Misc : 4.87g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-10-VOC

Quant Time: Feb 12 01:02:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.719	168	154481	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	292590	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	270485	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	105993	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	88670	56.022	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.040%
35) Dibromofluoromethane	7.640	113	95447	50.902	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.800%
50) Toluene-d8	10.115	98	357965	50.144	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.280%
62) 4-Bromofluorobenzene	12.414	95	113819	48.804	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.600%

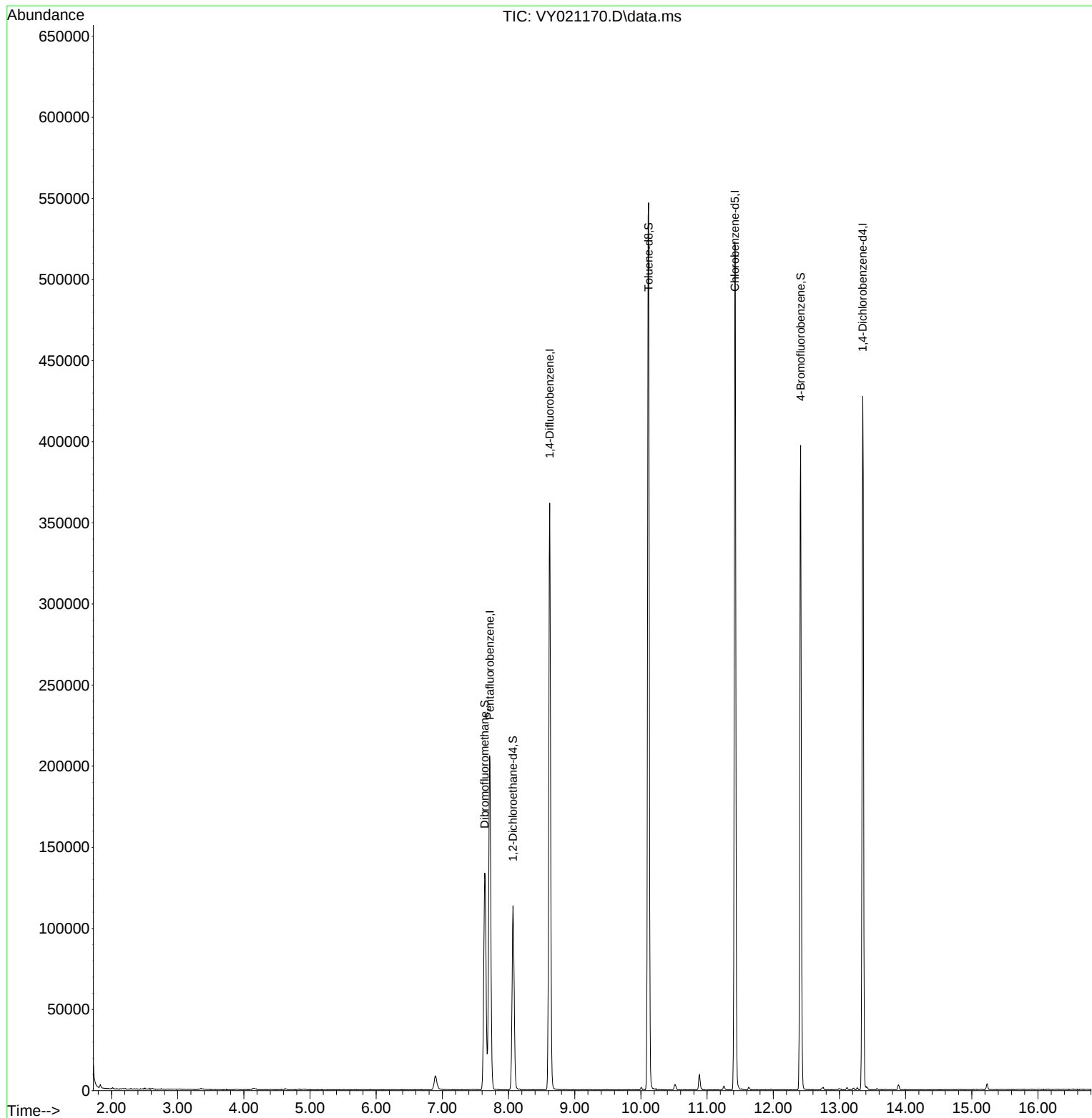
Target Compounds	Qvalue

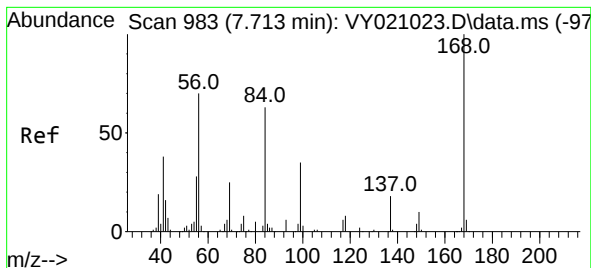
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.719 min Scan# 983

Delta R.T. 0.006 min

Lab File: VY021170.D

Acq: 11 Feb 2025 13:07

Instrument :

MSVOA_Y

ClientSampleId :

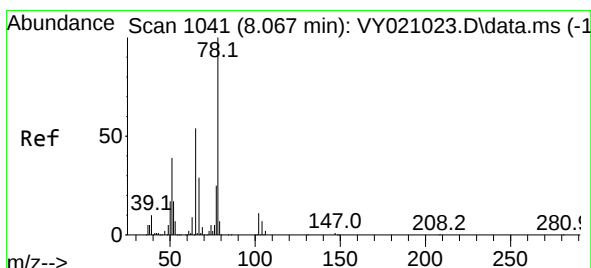
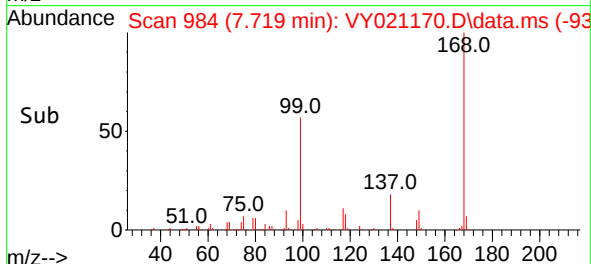
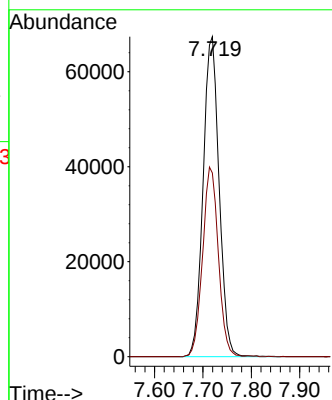
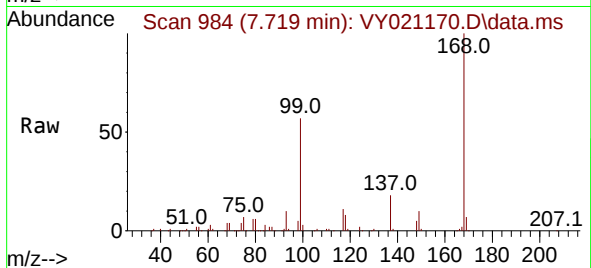
WC-10-VOC

Tgt Ion:168 Resp: 154481

Ion Ratio Lower Upper

168 100

99 57.4 44.2 66.4



#33

1,2-Dichloroethane-d4

Concen: 56.022 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VY021170.D

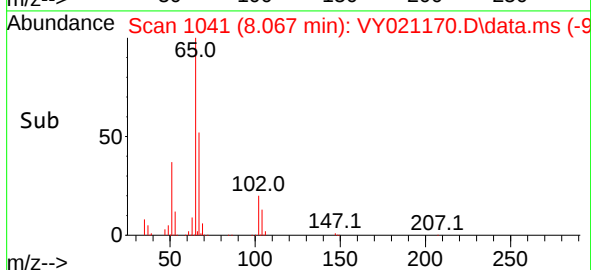
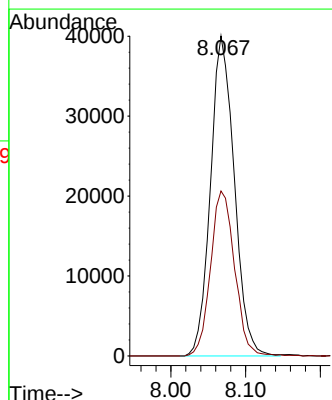
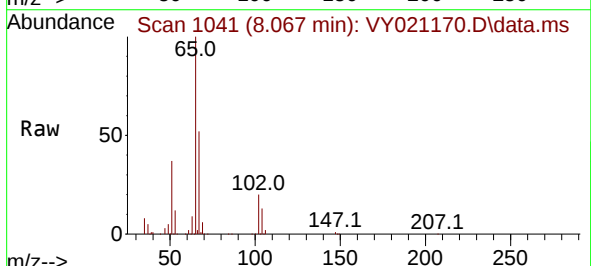
Acq: 11 Feb 2025 13:07

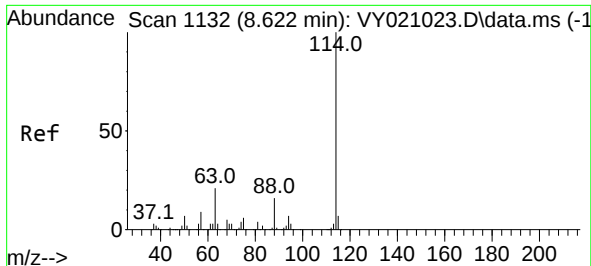
Tgt Ion: 65 Resp: 88670

Ion Ratio Lower Upper

65 100

67 52.0 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VY021170.D

Acq: 11 Feb 2025 13:07

Instrument :

MSVOA_Y

ClientSampleId :

WC-10-VOC

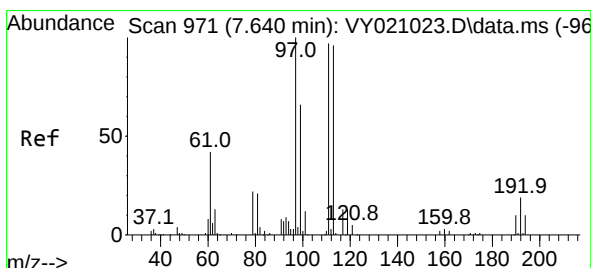
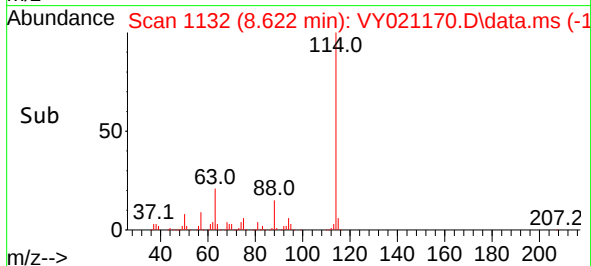
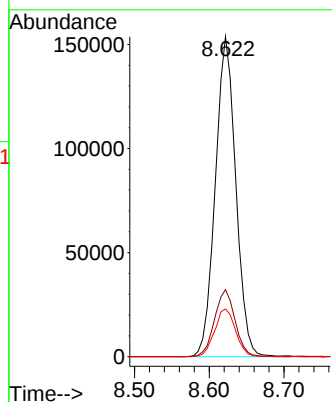
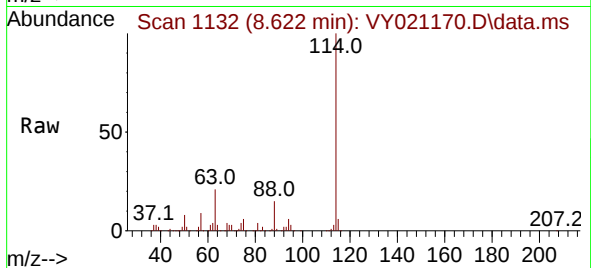
Tgt Ion:114 Resp: 292590

Ion Ratio Lower Upper

114 100

63 20.9 0.0 37.4

88 14.9 0.0 29.0



#35

Dibromofluoromethane

Concen: 50.902 ug/l

RT: 7.640 min Scan# 971

Delta R.T. -0.000 min

Lab File: VY021170.D

Acq: 11 Feb 2025 13:07

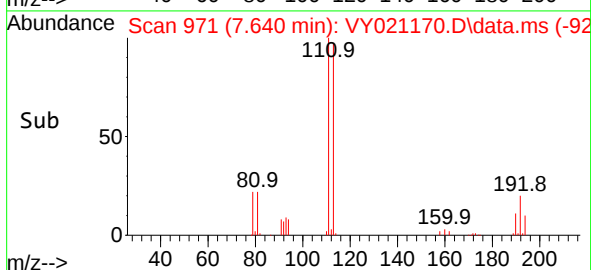
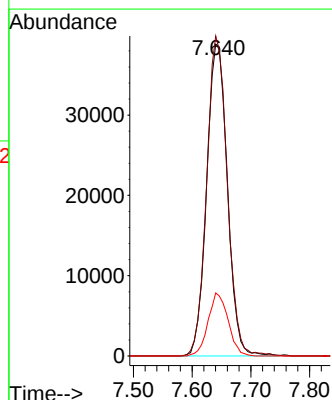
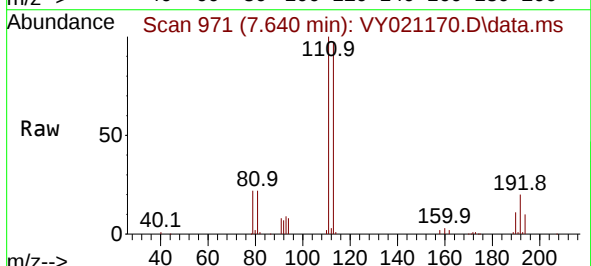
Tgt Ion:113 Resp: 95447

Ion Ratio Lower Upper

113 100

111 101.7 83.8 125.6

192 19.4 14.5 21.7





#50

Toluene-d8

Concen: 50.144 ug/l

RT: 10.115 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY021170.D

Acq: 11 Feb 2025 13:07

Instrument :

MSVOA_Y

ClientSampleId :

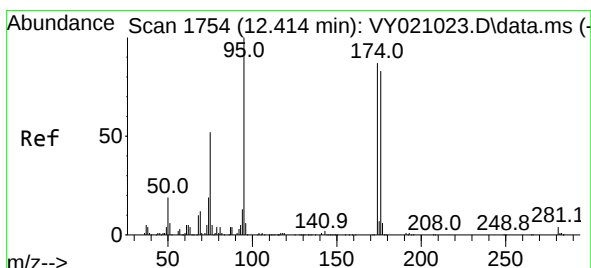
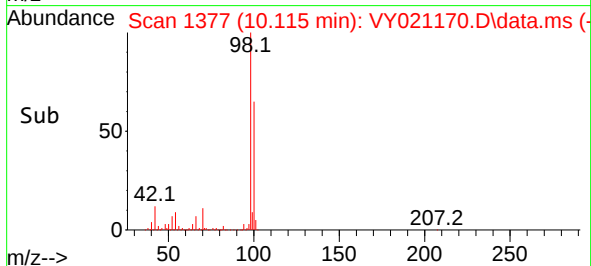
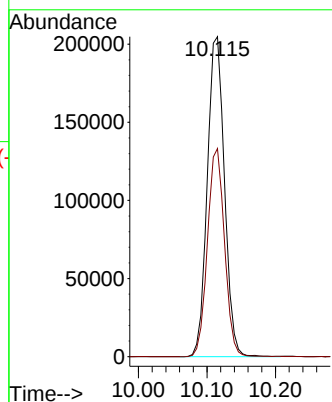
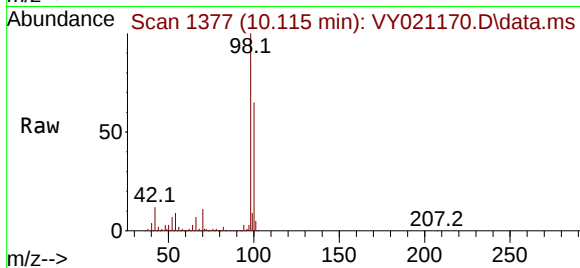
WC-10-VOC

Tgt Ion: 98 Resp: 357965

Ion Ratio Lower Upper

98 100

100 64.6 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 48.804 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. -0.000 min

Lab File: VY021170.D

Acq: 11 Feb 2025 13:07

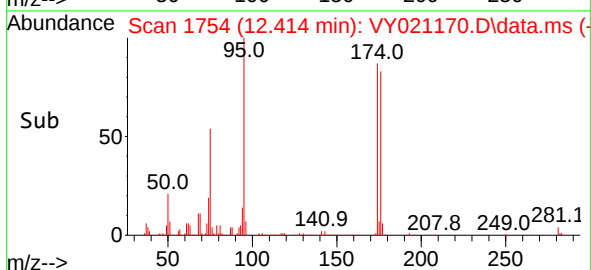
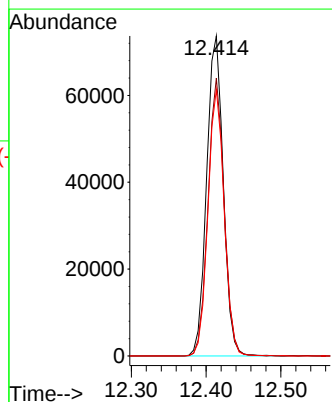
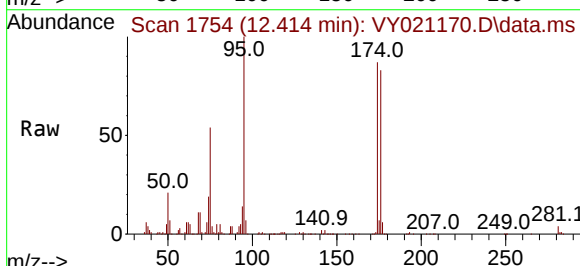
Tgt Ion: 95 Resp: 113819

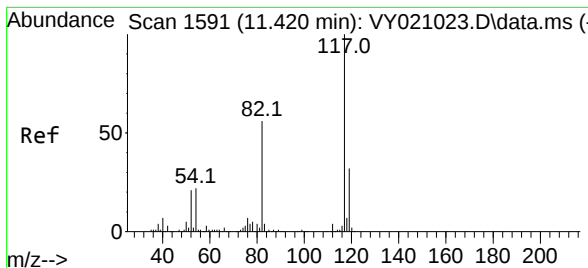
Ion Ratio Lower Upper

95 100

174 84.8 0.0 160.0

176 81.4 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY021170.D

Acq: 11 Feb 2025 13:07

Instrument :

MSVOA_Y

ClientSampleId :

WC-10-VOC

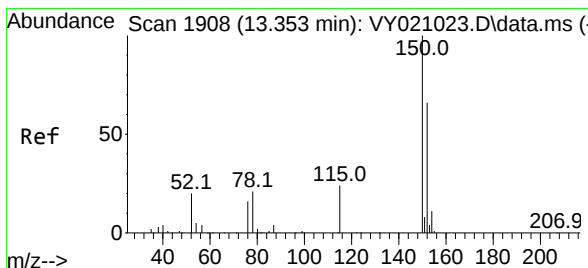
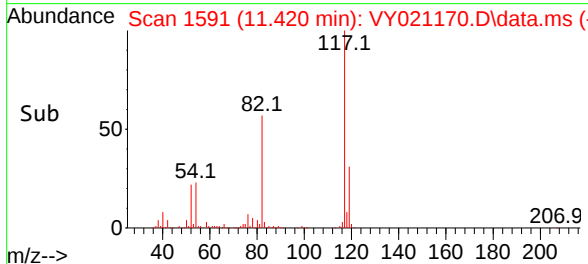
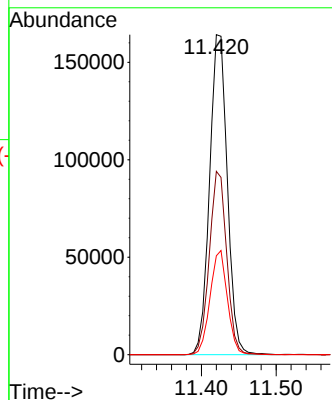
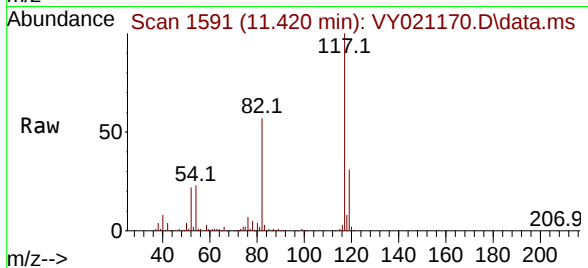
Tgt Ion:117 Resp: 270485

Ion Ratio Lower Upper

117 100

82 57.3 43.8 65.8

119 30.9 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY021170.D

Acq: 11 Feb 2025 13:07

Tgt Ion:152 Resp: 105993

Ion Ratio Lower Upper

152 100

115 58.1 30.0 90.0

150 156.7 0.0 344.6

