```
# ATTENTION! THE PATH AND FILE NAMES ARE USER SPECIFIC!
raw_vmrsReadFromFiles
  {seltags   = ["liquidcloud-MPM93", "icecloud-MPM93"]
   filenames = ["@ac_arts_data@/atmosphere/particles/midlatitude-summer.cumulonimbus.MPM93droplet.aa",
                "@ac_arts_data@/atmosphere/particles/midlatitude-summer.cirrus.MPM93ice.aa"]
   basename  =  "@ac_arts_data@/atmosphere/fascod/midlatitude-summer"
  }
#
# Create the pressure grid 'p_abs' (just an example)
VectorNLogSpace(p_abs){
        start = 100000.000
        stop  =   1000.000
        n     = 10
}
# Now interpolate all the raw atmospheric input onto the pressure
# grid and create the atmospheric variables 't_abs','z_abs','vmrs'
AtmFromRaw{}
#
# set the H2O VMR in clouds to saturation level
# (must be called after AtmFromRaw)
WaterVaporSaturationInClouds{}
#
#-------------------------------------------------
#
# Set the physical H2O profile from the H2O profile in vmrs:
h2o_absSet{}
#
# Set the physical N2 profile from the N2 profile in vmrs:
n2_absSet{}
#
#-------------------------------------------------
#
# Read spectral line data from HITRAN96 catalogue for
# the frequency range from 1 to 2 GHz.
# This in not essential for the continuum tags but
# bust be given as input for absCalc below.
# ATTENTION! THE PATH AND FILE NAMES ARE USER SPECIFIC!
#
lines_per_tgReadFromCatalogues{
  filenames = [ "@ac_arts_data@/spectroscopy/hitran96/hitran96_lowfreq.par" ]
  formats   = [ "HITRAN96" ]
  fmin      = [ 1.0e9 ]
  fmax      = [ 2.0e9 ]
}
#
# Create an example frequency grid 'f_mono'
VectorNLinSpace(f_mono){
        start =    100.0e9
        stop  =    200.0e9
        n     =    100
}
#
#
#
#
#
#
#
#
#
#
#
#
#
#
#
#
#-------------------------------------------------
#
```

Information about the model atmosphere. Also the VMR profiles H2O and N2 have to be given seperately.

Water vapor saturation in the cloud range

Spectral line data is also necessary for the method absCalc.

Input frequency grid on which the calculation is performed.