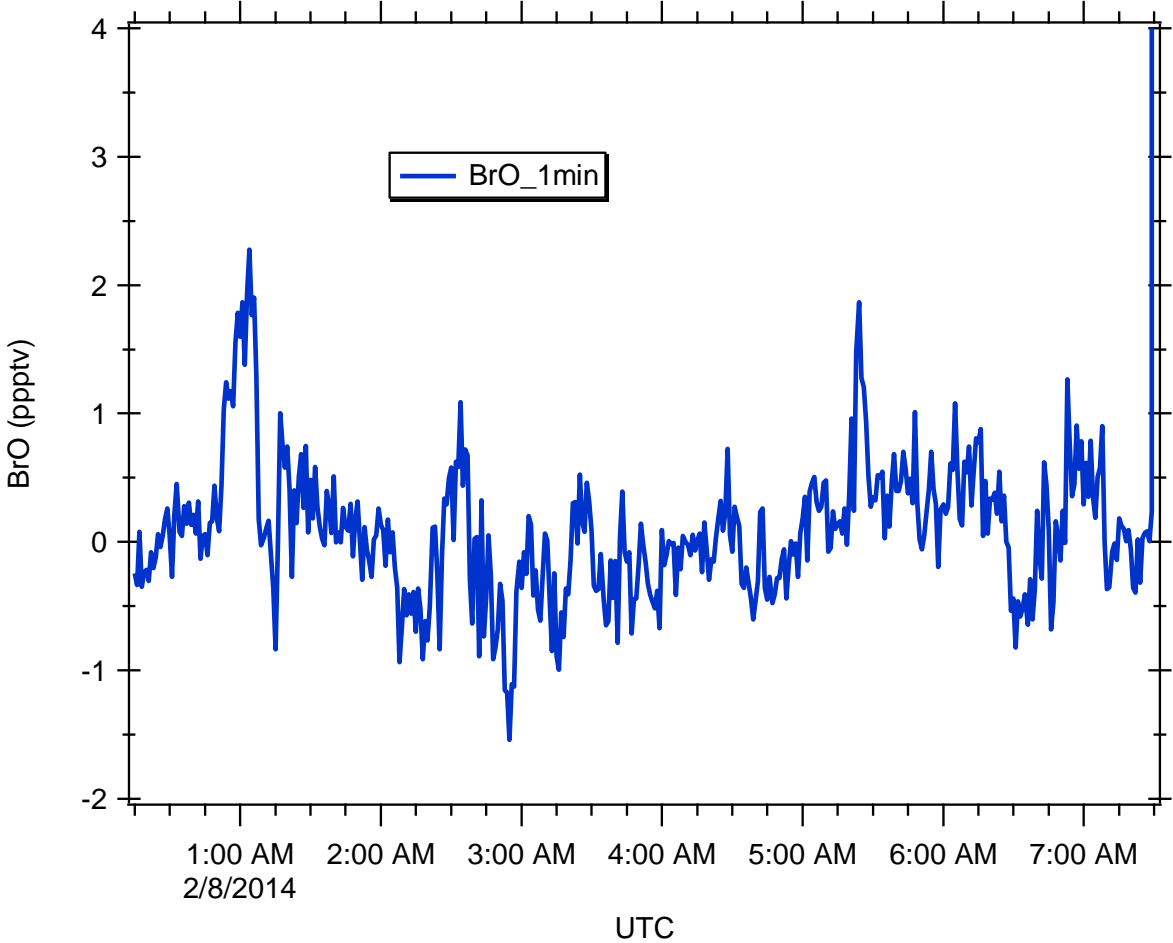


Update On CIMS Research Flight 10

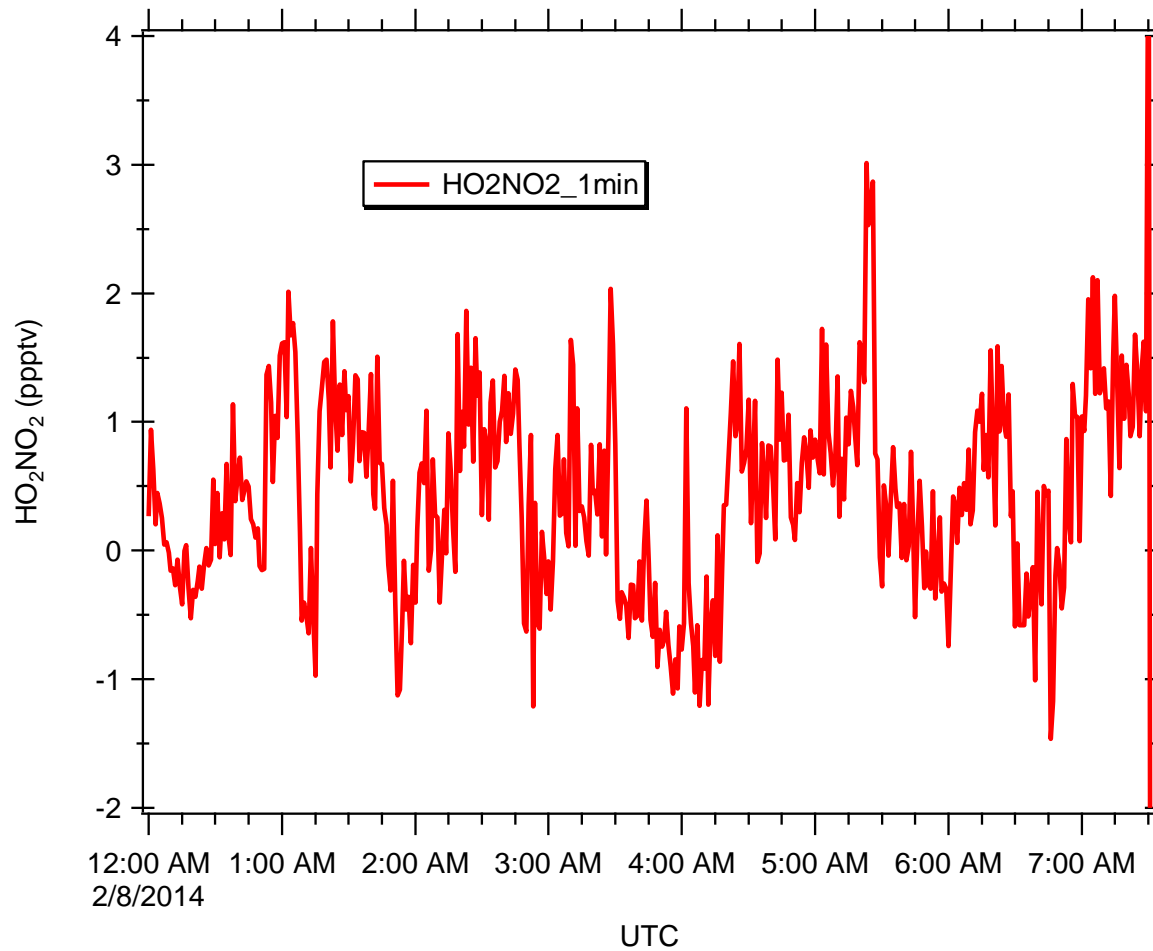
Species Measured by CIMS

- BrO, HOBr, Br₂, BrCl, HO₂NO₂, N₂O₅

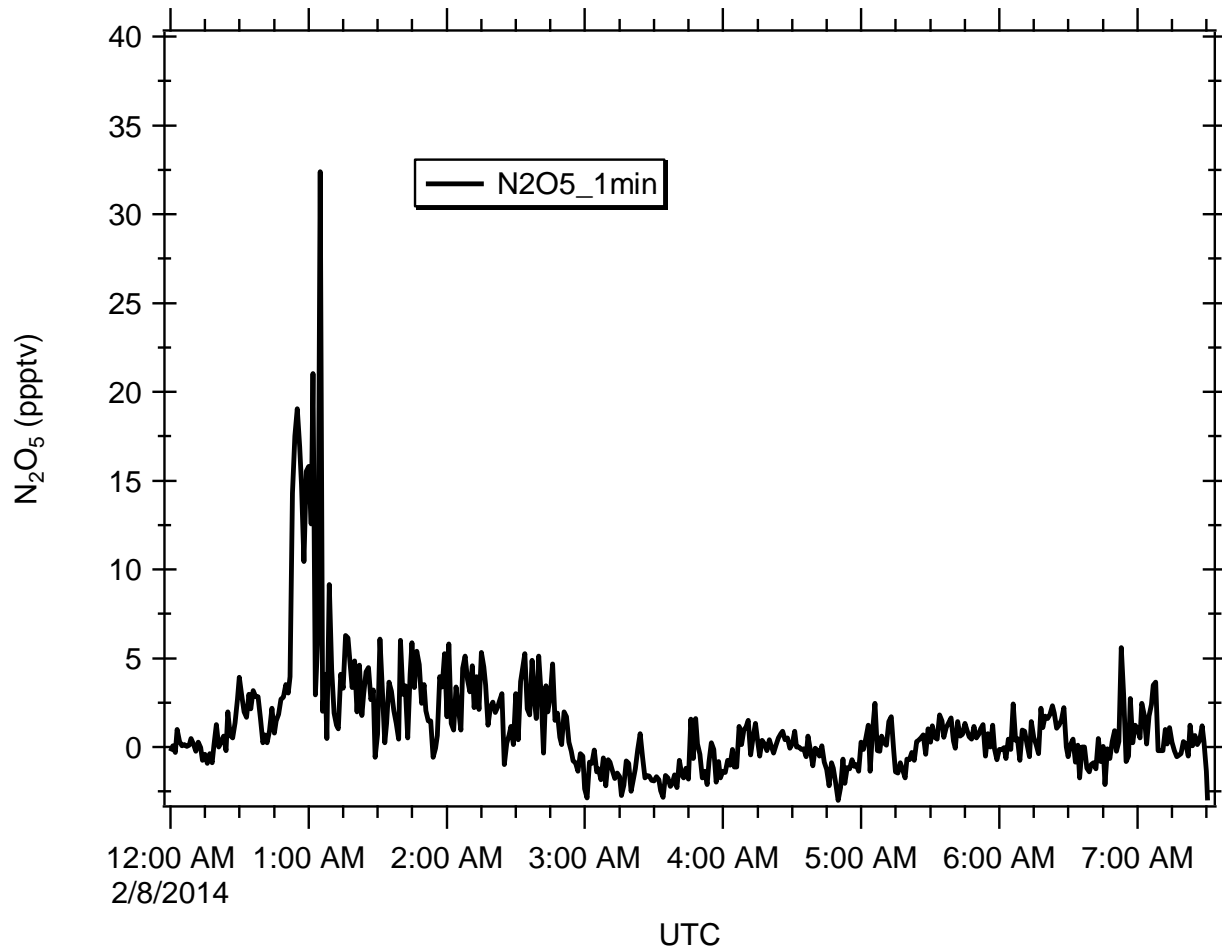
RF10 BrO



RF10 Pernitric Acid



RF10 N₂O₅



CIMS Wish List

- We are concerned that calibrating to Br₂ may lead to interference in CIMS. We are now calibrating to Cl₂.
- We have only observed high BrO at high levels of ozone (stratospheric) – we would love to repeat if possible while using Cl₂ calibration