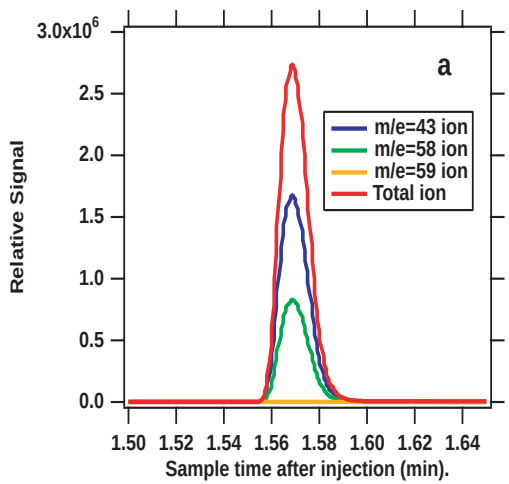
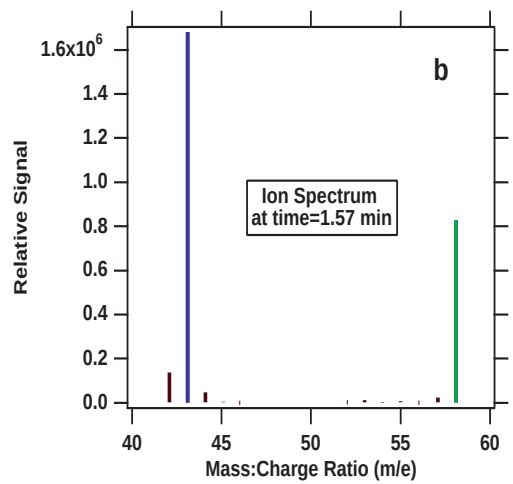
PAN and Trace Hydrohalocarbon ExpeRiment (PANTHER)

Elkins & Moore, NOAA/CMDL

Acetone by Mass Spectrometry





- Target Molecules: acetone, PAN, H_2, CH_4, CO, N_2O, SF_6, CFC-11, -12, halon-1211
- Method: Mass Spectrometry and Gas Chromatography, including 1 Mass Selective Detector and 4 Electron Capture Detector channel gas chromatograph
- Instrument Details: Transition pallet, 200 lbs., 24" w x 28" l x 15" h, 1 kw (2 kw peak)
- Sampling frequency: 60-120 seconds
- Accuracy: 2% or better, except 10% for PAN Precision: 1% or better, except PAN at 5% or better.
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