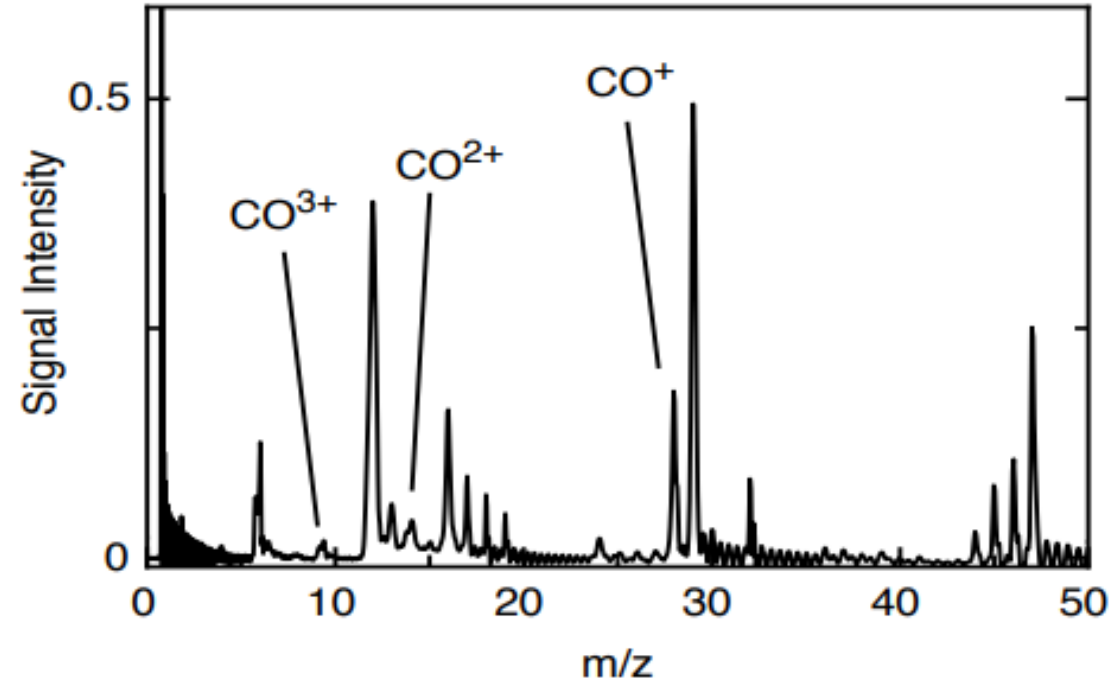


# P5108: ULTRAFAST COULOMB EXPLOSION OF FORMIC ACID CLUSTERS AND PRODUCTION OF TRIPLY CHARGED CARBON MONOXIDE

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- First documented observation of  $\text{CO}^{3+}$
- The quartet has a 0.5 eV bound well only accessed through direct ionization of a bond length typical of formic acid dimer

