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VUV photoionization of the CH₂NC radical: adiabatic ionization energy and cationic vibrational mode wavenumber determinationsBérenger Gans,^{*a} Sébastien Hartweg,^b Gustavo A. Garcia,^b Séverine Boyé-Péronne,^a Oliver J. Harper,^a Jean-Claude Guillemin,^c and Jean-Christophe Loison^{*d}

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1 Supplementary information

In this supplementary information, the TOF mass spectrum recorded at 13.6 eV (see Fig 1) and the ion yields and TPES of the species detected in our experiment (see Fig 2) are displayed. See section 3.1 of the main paper.

Notes and references

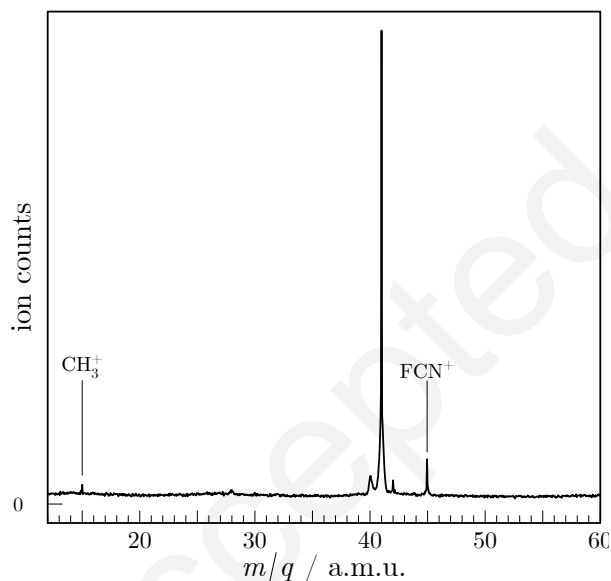


Fig. 1 TOF mass spectrum recorded at 13.6 eV.

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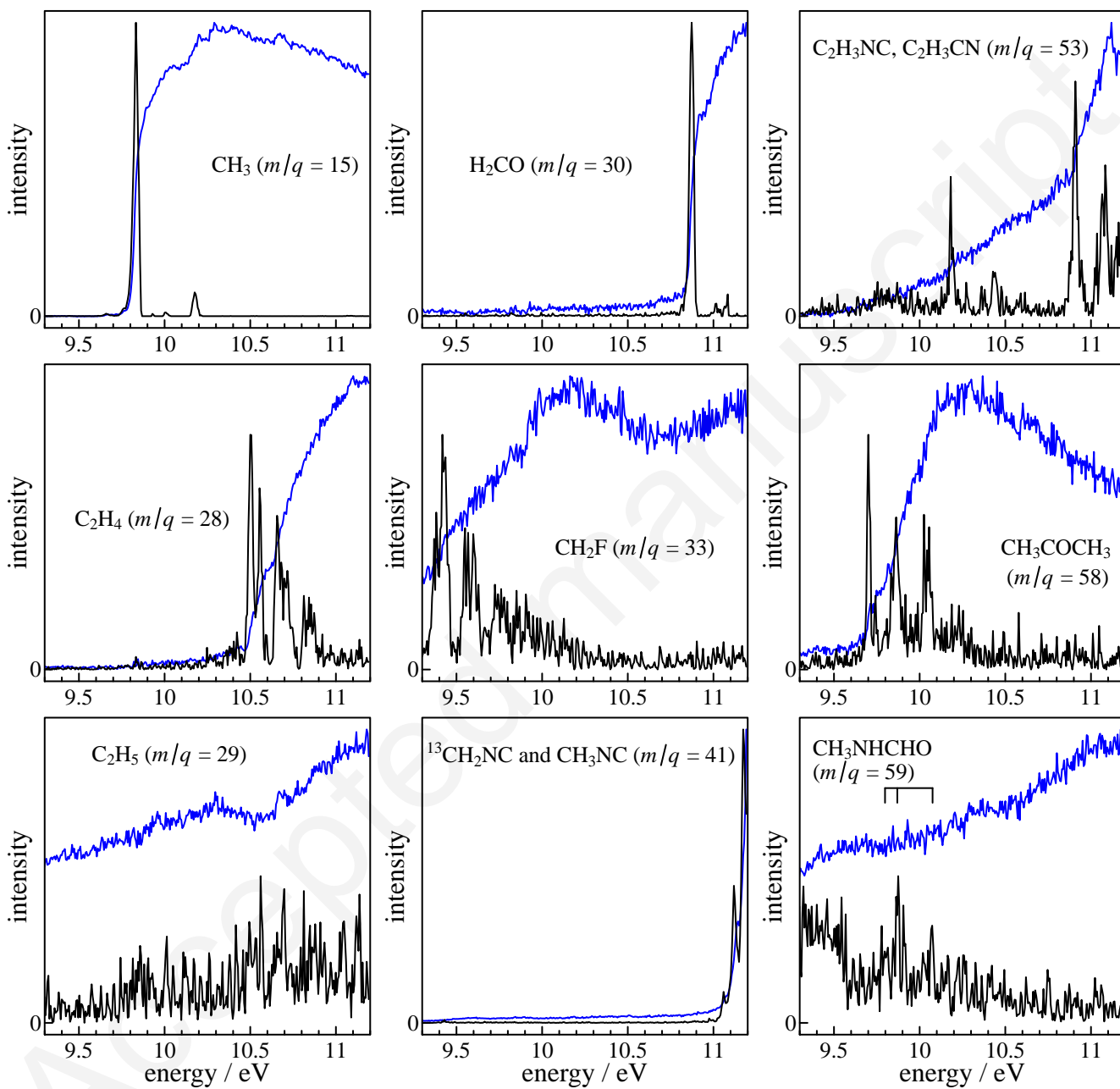


Fig. 2 Experimental ion yields (in blue) and TPES (in black) of $m/z = 15, 28, 29, 30, 33, 41, 53, 58,$ and 59 between 9.3 and 11.2 eV photon energy.