**ABSTRACT**

The title molecular salts, N2H5 + C7H5O3 C7H6O3 and N2H5 + - C11H7O3 C11H8O3, are acid adducts containing a hydraziniumcation, one molecule of a deprotonated acid and one molecule of a neutral acid. The two compounds contain essentially identical hydrogen-bond networks between the hydraziniumcation and the acid molecules, which define closely comparable two-dimensional layers in the structures. The planes of the aromatic rings within both structures are approximately parallel and the layers are stacked with comparable intermolecular interactions.