Electronic Supplementary Material (ESI) for Dalton Transactions. This journal is © The Royal Society of Chemistry 2014

† Electronic supplementary information (ESI):

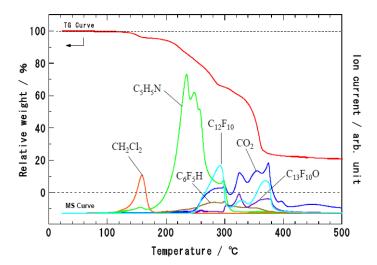


Fig. S1. TG-MS spectrum of 1.

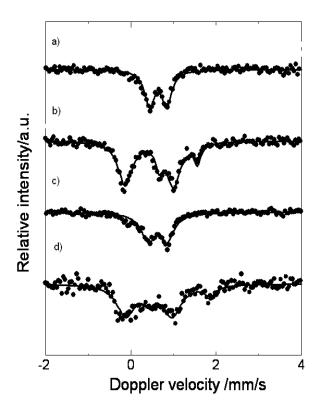


Fig. S2.<sup>57</sup>Fe Mössbauer spectral study on adduct loss/addition cycles; a) chemically synthesized 1;b)  $CH_2Cl_2$ stripped 2 by heating 1 under a reduced pressure described in the text; c) product after exposure of 2 with  $CH_3CN$  vapour for 4 hr; d) product after heating the sample 2· $CH_3CN$  (Fig. S2c) at 135 °C under a reduced pressure (0.1 Torr).