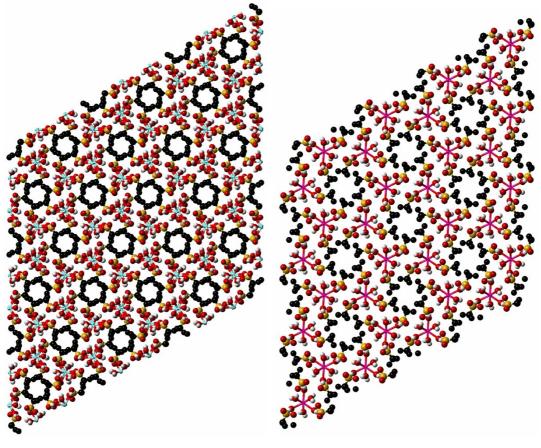
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Figure S1

(a) A partial view, down (001), of the structure of  $Sc(O_3SCF_3)_3.8H_2O$  with the CF<sub>3</sub> groups coloured black in order to highlight their association;

(b) A similar view of the structure of Nd(O<sub>3</sub>SCF<sub>3</sub>)<sub>3</sub>.9H<sub>2</sub>O





(b)