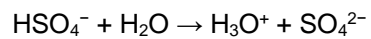
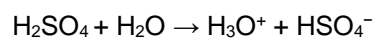


using equation, show the formation of hydroxonium ions in an aqueous solution of tetraoxosulphate (iv) acid

Solution:



Tetraoxosulphate (vi) acid, being dissolved in water dissociates with formation of hydroxonium ions H_3O^+ . By the way, you have a mistake in description of the problem: tetraoxosulphate (iv) acid is nonexistent compound, tetraoxosulphate (vi) acid is correct way of writing.