

Biogenesis of Volatile Selenium Compounds in Biosolids/Biofuels and Quantification by VD/GC/ICPMS

A novel analytical approach that uses VD/GC/ICPMS for the on-line extraction and quantification of volatile organo-metalloids is described. Several species of arsenic, selenium, antimony, bismuth and tellurium are amenable to this technique. Preliminary results of a study on the biogenesis of selenides in biosolids/biofuels using this technique will be presented.