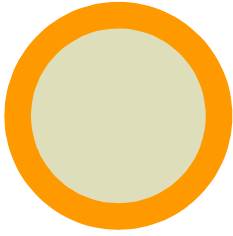


A precise and less hazardous method to determine chlorine stable isotope composition in aqueous samples

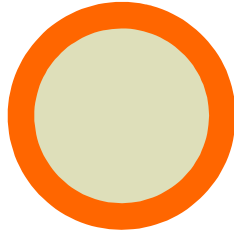
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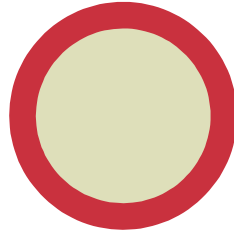
Objectives



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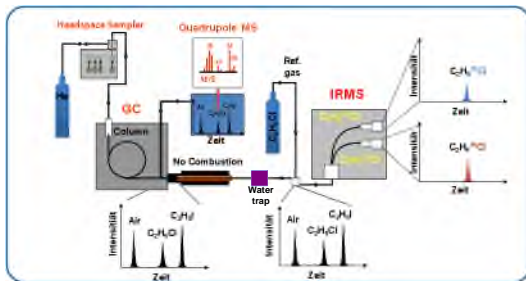
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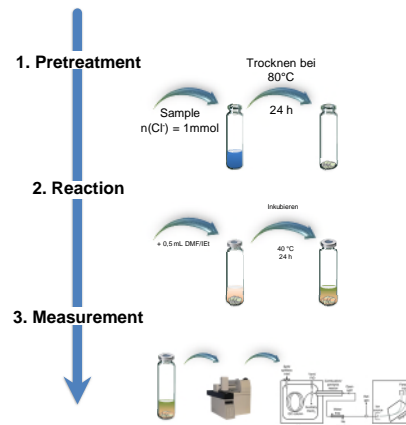
Motivation

Instrumental setup



Schematic representation of HS-GC-qMS-CF-IRMS

Sample Preparation



Motivation

Objectives

Contact



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Group member Bioanalytics and Microanalytical Systems

- Ertl, S.; Eichinger, F.; Pichlmaier, J.; Voropaev, A. A new method to determine $\delta^{37}\text{Cl}$ values of chloride in aquatic systems. *Grundwasser* 2024, 1-9.
- Eggenkamp, H.; Bonifacie, M.; Ader, M.; Agrinier, P. Experimental determination of stable chlorine and bromine isotope fractionation during precipitation of salt from a saturated solution. *Chemical Geology* 2016, 433, 46-56.

In cooperation with



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