

JRA 5: Innovation in halocarbon and COS measurement techniques

- Basis: available instrumentation/knowledge
- Potential issues
- Potential outcome

JRA 5: deliverables

D17.1 Report on the identification of new HFCs with potential for large-scale industrial usage (month 18)

D17.2 Report evaluating the potential developments and highest impact for upgrading GCMS-based technology (month 24)

D17.3 Guidance using ToF-MS for measurement of halocarbons at European atmospheric measurement stations (month 45) June 2015

D17.4 Implementation of continuous measurements of relevant HFCs (month 45) June 2015

D17.5 Report on developments for upgrading GCMS technology for long-term measurements of halocarbons (month 45) June 2015

JRA 5: milestones

MS73 Identification of new halocarbons not yet measured by continuous ground-based networks world-wide (month 24)

MS74 GC-TOF technology implemented for laboratory and field measurements (month 24)

MS75 Identification of new halocarbons not yet measured by continuous ground-based networks world-wide (month 36)

MS76 GCMS instrumentation optimized for long-term, low maintenance continuous measurement of halocarbons
Implementation of continuous measurements of relevant HFCs
(month 36)

MS77 Measurements of selected new halocarbons implemented on the European scale (month 45)

MS78: Report on observations of halocarbons using GC-TOF (month 45)

outreach

Papers

New compounds

TOF-MS

Isotopes?

Meetings

AGAGE: Ascona April/May 2014

NCGG-7 Sessions on:

- F-gases
- InGOS general

Archive?

- Electronic archive
- Physical NH-Archive: Could there be a way to start it within InGOS