

ISAMS

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ISAMS (Igor Software for Atmospheric Mass Spectrometry) is a [SAGE](#)-like IGOR environment for analyzing QMS data from atmospheric samples.

Latest

Latest version of ISAMS (7/18/2014): [ISAMS1.0.pxp](#)

New features presentation: [ISAMS new features.pptx](#)

Documentation

How to use it: [ISAMS_0.8A_manual.docx](#)

More information on the ISAMS/SAGE environment: [SAGEManualv1.3.pdf](#)

Please email Anna Brunner with any questions/comments!

Release History

May 2, 2014 - [ISAMS0.9.pxp](#)

August 2, 2013 - [ISAMS0.8A.pxp](#)

Features:

- View QMS data, TM markers, and housekeeping data
- Dead time correction
- Background subtraction
- Find the average ratio between two masses
- Calculate mixing ratios for the major gases of the Martian atmosphere
- Calculate average mass specs
- TUNA (TUNing Analysis) package - fit a peak to each mass in a mass spec of fractional data, to look at the peak center shifts over time
- Combine unit and fractional scan data into a "megatrace"

Revision #1

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