ISAMS

isams-blackbox.png unknown

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
Created 22 March 2023 19:36:05 by Nick Dobson
Updated 22 March 2023 19:37:04 by Nick Dobson