

## Accepted Manuscript

Molecular distributions and isotopic compositions of organic aerosols over the western North Atlantic: Dicarboxylic acids, related compounds, sugars, and secondary organic aerosol tracers

Kimitaka Kawamura, Mir Md. Mozammel Hoque, Timothy S. Bates, Patricia K. Quinn

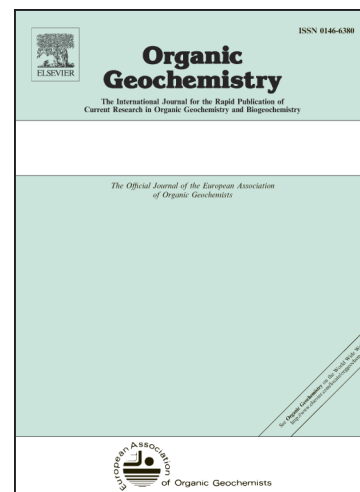
PII: S0146-6380(17)30261-9  
DOI: <http://dx.doi.org/10.1016/j.orggeochem.2017.08.007>  
Reference: OG 3605

To appear in: *Organic Geochemistry*

Received Date: 25 April 2017  
Revised Date: 11 August 2017  
Accepted Date: 11 August 2017

Please cite this article as: Kawamura, K., Md. Mozammel Hoque, M., Bates, T.S., Quinn, P.K., Molecular distributions and isotopic compositions of organic aerosols over the western North Atlantic: Dicarboxylic acids, related compounds, sugars, and secondary organic aerosol tracers, *Organic Geochemistry* (2017), doi: <http://dx.doi.org/10.1016/j.orggeochem.2017.08.007>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



**Molecular distributions and isotopic compositions of organic aerosols over the western North Atlantic: Dicarboxylic acids, related compounds, sugars, and secondary organic aerosol tracers**

Kimitaka Kawamura<sup>1,2\*</sup>, Mir Md. Mozammel Hoque<sup>1,3</sup>, Timothy S. Bates<sup>4,5</sup>, and Patricia K. Quinn<sup>4</sup>

<sup>1</sup> Institute of Low Temperature Science, Hokkaido University, N19W8, Kita-ku, Sapporo 060-0819, Japan

<sup>2</sup> Chubu Institute for Advanced Studies, Chubu University, Kasugai 487-8501, Japan

<sup>3</sup> Department of Environmental Science and Resource Management, Mawlana Bhashani Science and Technology University, Tangail 1902, Bangladesh

<sup>4</sup> PMEL, NOAA, Seattle, WA 98115, USA

<sup>5</sup> Joint Institute for the Study of the Ocean and Atmosphere, University of Washington, Seattle, WA 98195, USA

\*Corresponding author: [kkawamura@isc.chubu.ac.jp](mailto:kkawamura@isc.chubu.ac.jp)

Submitted to Organic Geochemistry

Download English Version:

<https://daneshyari.com/en/article/5161343>

Download Persian Version:

<https://daneshyari.com/article/5161343>

[Daneshyari.com](https://daneshyari.com)