

Accepted Manuscript

Title: ANALYSIS OF SYNTHETIC CATHINONES AND ASSOCIATED PSYCHOACTIVE SUBSTANCES BY ION MOBILITY SPECTROMETRY

Author: Monica Joshi Bryan Cetroni Amanda Camacho
Clinton Krueger Anthony J. Midey



PII: S0379-0738(14)00360-0
DOI: <http://dx.doi.org/doi:10.1016/j.forsciint.2014.08.033>
Reference: FSI 7727

To appear in: *FSI*

Received date: 3-6-2014
Revised date: 25-8-2014
Accepted date: 29-8-2014

Please cite this article as: <doi><http://dx.doi.org/10.1016/j.forsciint.2014.08.033></doi>

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.

Highlights:

- Ion mobility spectrometry (IMS) can be used to screen cathinone products.
- IMS positively identifies pre-programmed cathinones in 10 out of 13 products.
- Detection is limited by the expanding drug class of synthetic cathinones.
- Electrospray ionization- high-performance IMS improves resolution and ionization.

Accepted Manuscript

Download English Version:

<https://daneshyari.com/en/article/6552358>

Download Persian Version:

<https://daneshyari.com/article/6552358>

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