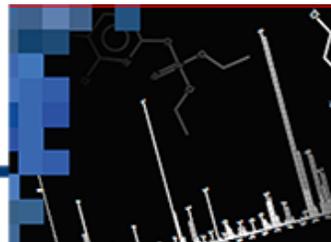


The Latest MS News from JEOL
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Mass Spectrometry Newsletter

New Mobile Forensic Lab Features DART Mass Spectrometer



JEOL mass spectrometers are widely used by forensic investigators – in science centers, government agencies, and now, a mobile crime lab.

On November 3rd, the U.S. Fish and Wildlife Forensics Lab revealed “The Woodshed” a mobile forensic laboratory, [click below to learn more.](#)

[READ MORE](#)

Next Steps in GC-MS Petrochemical Analysis: GCC '22 Review



Gulf Coast Conference 2022 wrapped up in October and our JEOL Applications Team returned with a wealth of new ideas for petrochemical analysis.

In case you missed it, click below to catch up on our two technical presentations and our in-booth activities.

[READ MORE](#)

Research that Resonates: *Featured Users*

Insights into Dodecenes Produced from Olefin Oligomerization



In this study, state-of-the-art instrumentation involving two-dimensional gas chromatography (GC × GC) coupled with photoionization–time of flight mass spectrometry was employed to investigate the composition of dodecene products produced from olefin oligomerization. Click below for a link to the full text.

[ACCESS THE ARTICLE](#)

Measuring Odor Transport of Narcotic Substances Using DART-MS



Direct Analysis in Real-Time coupled to a high-resolution mass spectrometer (DART-MS) was used to analyze, in real-time, the volatile organic compounds (VOCs) of two narcotic substances: cocaine and methamphetamine.

Click below the full-text link below to learn how active odorants transport from one area to another.

[ACCESS THE ARTICLE](#)

Event Center

On Demand – Using ALL of the Information from GC-HRMS to Identify Small Differences Between Similar Samples

ON-DEMAND WEBCAST

Using ALL of the Information from GC-HRMS to Identify Small Differences Between Similar Samples



Watch this webinar to learn about a software program developed for a new GC-HRMS system that combines all of the available information from database search, molecular formula determination, and retention index matching with statistical analysis.

Small differences between two similar

Scotch whisky samples are identified to illustrate the analytical workflow.

WATCH ON-DEMAND

Review – A New Generation High Resolution MS for GCxGC Analysis



Mr. Yoshi Ueda attended the Multidimensional Chromatography Workshop in Liege Belgium to share his GCxGC work with conference attendees.

Read our blog post to learn about the research he shared.

READ OUR BLOG

Want to see a demonstration of our instruments or talk with one of our experts in applications and technology? Interested in joining us at one of our upcoming conferences or meetings? [Check out our full schedule of events!](#)

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