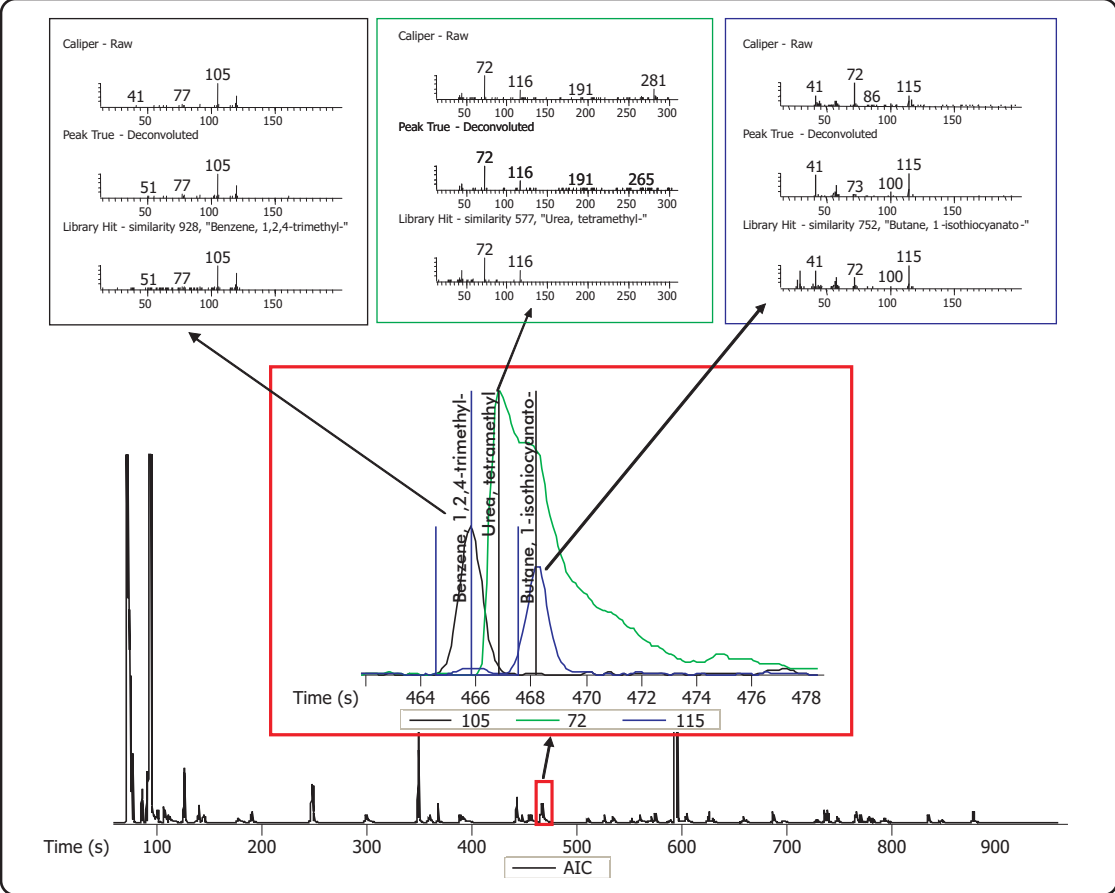


Detection and Identification of Volatile Components in Rubber by Headspace-GC-TOFMS

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A GC-TOFMS chromatogram of the volatile components from a rubber sample equilibrated at 190°C for 20 minutes is shown. The insets show examples of chromatographically unresolved peaks that were separated and identified using the True Signal Deconvolution algorithm of the ChromaTOF® software. The automated peak find algorithm significantly reduces the time burden placed on the analyst to identify the number of peaks typical of such analyses.

Column:
30 m x 0.25 mm x 0.25 µm Rxi-5ms

TOFMS:
40 to 650 m/z @ 10 spectra/s

For questions on this analysis e-mail us at:
life_science@leco.com

For a complete listing of snapshots and application notes visit us on the web at www.leco.com

