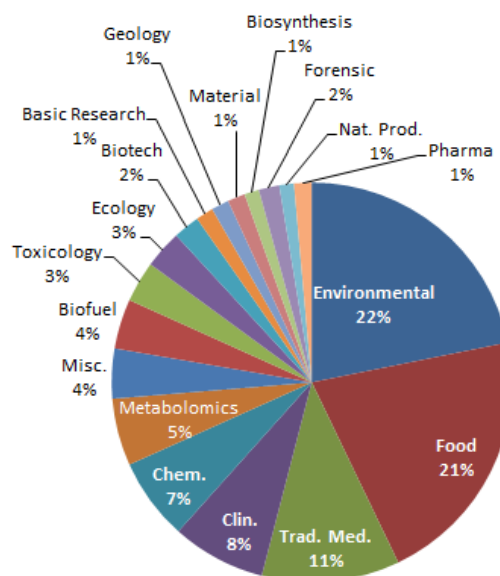


Přehled aplikací GC-MS

Typ MS	Časové období	Celkem	Aplikace	Publikace	Ostatní
Celkem		671	118	513	40
QTOF	2011-2013	33	5	13	15
TQ	2008-2013	172	37	128	7
MSD	Aplikace: 2005-14 Publikace: 2013/14	466	76	372	18

* Zdroj: Google Scholar, e-Library

GC-MS (Q) 5975, 5977 Typy aplikací



GC-MS (Q) 5975, 5977 aplikace pro toxikologii a forenzní chemii

Toxikologie

- Quantitation and confirmation of blood ethanol content using a new GC-FID-MS blood alcohol analyzer.
- Death Due to Apparent Intravenous Injection of Tapentadol
- Case Study: Two Fatal Case Reports of Acute Yohimbine Intoxication
- Differentiation of the 1-(methylenedioxyphenyl)-2-piperazinopropanes and 1-(methoxyphenyl)-2-piperazinopropanones by GC-IRD and GC-MS
- Hollow fiber-liquid phase microextraction of barbiturates in liver samples
- Detection of Clenbuterol at Trace Levels in Doping Analysis Using Different Gas Chromatographic-Mass Spectrometric Techniques
- Identification of (2-aminopropyl)indole positional isomers in forensic samples

- **Severity of Deliberate Acute Baclofen Poisoning: A Nonconcurrent Cohort Study**
- **Detection of Phenazepam in Impaired Driving**
- **Resolution of an Apparent Hook Effect in Roche Partner DRI Oxycodone Immunoassay**
- **Stability of Morphine, Codeine, and 6-Acetylmorphine in Blood at Different Sampling and Storage Conditions**
- **Analytical characterization of some synthetic cannabinoids, derivatives of indole-3-carboxylic acid**
- **Forensic cases in the north of chile: determination of antidepressant drugs in human whole blood**
- **A simplified and accurate method for the analysis of urinary metabolites of testosterone-related steroids using gas chromatography/combustion/isotope ratio mass spectrometry**
- **Effect of Extraction Procedure and Gas Chromatography Temperature Program on Discrimination of MDMA Exhibits**

Forenzní chemie

- **3 in 1 solution for mobile forensic applications**
- **Improving efficiency in the forensic laboratory introducing a new controlled substances analyzer.**
- **Impact of reaction parameters on the chemical profile of 3,4-methylenedioxymethamphetamine synthesized via reductive amination: Target analysis based on GC-qMS compared to non-targeted analysis based on GC × GC–TOF-MS**
- **Survey on batch-to-batch variation in spray paints: A collaborative study**
- **Effect of Substrate Interferences from High-Density Polyethylene on Association of Simulated Ignitable Liquid Residues with the Corresponding Liquid**
- **Chemometric classification of casework arson samples based on gasoline content**
- **Inspection and Determination of a Vehicle Arson Case According to Diesel Fuel and Gasoline**
- **Improved Forensic Toxicology Screening Using A GC/MS/NPD System with a 725-Compound DRS Database**
- **Rapid Forensic Toxicology Screening Using an Agilent 7890A/NPD/5975/DRS GC/MSD System**
- **Analysis of pharmaceuticals and drug related impurities using Agilent instrumentation**