

## SUMMARY

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Lasers have become an important tool present in many of our daily activities, and chemical analysis is no longer an exception. Many in-lab techniques and experiments are currently performed in hundreds of labs all around the world demonstrating the versatility of laser-based techniques. However, only a few of them can be considered real alternatives for industrial applications. That claim do not necessarily imply real-time or handling-free, but owning some inherent capabilities that turn such technique in unique tools for the industry and manufacturing companies. In this talk, a brief summary of the most relevant ones will be covered with special emphasis to laser-induced breakdown spectrometry and laser ionization mass spectrometry. Raman spectrometry, due to its extensive use and availability of commercial instruments will not be deeply treated itself, but as a complementary technique to provide molecular information in conjunction with others.