

# Resource Summary Report

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## University of Vermont Agilent Laboratory for Chemical Analysis ALCA Core Facility

RRID:SCR\_028963

Type: Tool

### Proper Citation

University of Vermont Agilent Laboratory for Chemical Analysis ALCA Core Facility  
(RRID:SCR\_028963)

### Resource Information

**URL:** <https://site.uvm.edu/alca/>

**Proper Citation:** University of Vermont Agilent Laboratory for Chemical Analysis ALCA Core Facility (RRID:SCR\_028963)

**Description:** Core provides advanced instrumentation and expertise for the identification, characterization, and quantification of chemical compounds in a wide range of research samples. Instrumentation and capabilities include liquid chromatography-quadrupole time-of-flight mass spectrometry (LC-QTOF), gas chromatography-mass spectrometry (GC-MS), high-performance liquid chromatography (HPLC) with diode array, fluorescence, and refractive index detection, inductively coupled plasma-optical emission spectrometry (ICP-OES), Fourier-transform infrared spectroscopy (FTIR), UV-Vis-NIR spectroscopy, and fluorescence spectroscopy. Provides expertise in analytical method development and optimization, sample preparation and analysis, data analysis and interpretation, experimental design, and training in analytical instrumentation and methods.

**Resource Type:** access service resource, core facility, service resource

**Keywords:** ABRF, identification, characterization, quantification, chemical compounds, analytical services,

**Resource Name:** University of Vermont Agilent Laboratory for Chemical Analysis ALCA Core Facility

**Resource ID:** SCR\_028963

**Alternate IDs:** ABRF\_6176

**Alternate URLs:** [https://coremarketplace.org/RRID:SCR\\_028963/?citation=1](https://coremarketplace.org/RRID:SCR_028963/?citation=1)

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**Record Last Update:** 20260912T200603+0000

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## Ratings and Alerts

No rating or validation information has been found for University of Vermont Agilent Laboratory for Chemical Analysis ALCA Core Facility.

No alerts have been found for University of Vermont Agilent Laboratory for Chemical Analysis ALCA Core Facility.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.