

# Resource Summary Report

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## University of South Carolina Mass Spectrometry Core Facility

RRID:SCR\_027213

Type: Tool

### Proper Citation

University of South Carolina Mass Spectrometry Core Facility (RRID:SCR\_027213)

### Resource Information

**URL:**

[https://sc.edu/study/colleges\\_schools/chemistry\\_and\\_biochemistry/research/core\\_facilities/mass\\_spectrometry](https://sc.edu/study/colleges_schools/chemistry_and_biochemistry/research/core_facilities/mass_spectrometry)

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**Description:** Core provides services for EI and CI spectra including high and low resolution analyses available; for GC-MS including positive ion and negative chemical ionization, with high resolution and MS/MS available for high sensitivity work; Electrospray and APCI including low resolution or accurate mass analysis of purified compounds by direct infusion or loop injection analysis; MS/MS available for structural analysis; LC-MS including electrospray and APCI ionization available. Separation by narrowbore or capillary HPLC. MS/MS available for quantitation, peptide microsequencing and protein identification, etc.; MALDI-TOF/TOF including analysis of polymers and biomolecules; ICP-MS including trace elemental detection with high resolution. User training available for students and researchers who will be using the instrumentation for extended projects.

**Synonyms:** USC Mass Spectrometry Core

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

**Keywords:** positive ion and negative chemical ionization, mass analysis of purified compounds, structural analysis, electrospray and APCI ionization, narrowbore or capillary HPLC,

**Resource Name:** University of South Carolina Mass Spectrometry Core Facility

**Resource ID:** SCR\_027213

**Alternate IDs:** ABRF\_4054

**Alternate URLs:** [https://coremarketplace.org/RRID:SCR\\_027213/?citation=1](https://coremarketplace.org/RRID:SCR_027213/?citation=1)

**Record Creation Time:** 20250718T053820+0000

**Record Last Update:** 20260731T043228+0000

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## Ratings and Alerts

No rating or validation information has been found for University of South Carolina Mass Spectrometry Core Facility.

No alerts have been found for University of South Carolina Mass Spectrometry 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.