

# Package ‘MSstatsQCgui’

December 11, 2025

**Version** 1.31.0

**Type** Package

**Title** A graphical user interface for MSstatsQC package

**Description** MSstatsQCgui is a Shiny app which provides longitudinal system suitability monitoring and quality control tools for proteomic experiments.

**License** Artistic License 2.0

**LazyData** TRUE

**URL** <http://msstats.org/msstatsqc>

**BugReports** <https://groups.google.com/forum/#!forum/msstatsqc>

**RoxygenNote** 7.1.0

**Imports** shiny, MSstatsQC, ggExtra, gridExtra, plotly, dplyr, grid

**Suggests** knitr

**VignetteBuilder** knitr

**biocViews** Software, QualityControl, Proteomics, MassSpectrometry, GUI

**git\_url** <https://git.bioconductor.org/packages/MSstatsQCgui>

**git\_branch** devel

**git\_last\_commit** 07cdccc

**git\_last\_commit\_date** 2025-10-29

**Repository** Bioconductor 3.23

**Date/Publication** 2025-12-10

**Author** Eralp Dogu [aut, cre],  
Sara Taheri [aut],  
Olga Vitek [aut]

**Maintainer** Eralp Dogu <eralp.dogu@gmail.com>

## Contents

|                        |          |
|------------------------|----------|
| RunMSstatsQC . . . . . | 2        |
| S9Site54 . . . . .     | 2        |
| <b>Index</b>           | <b>3</b> |

---

|              |                                              |
|--------------|----------------------------------------------|
| RunMSstatsQC | <i>Shiny connection for example datasets</i> |
|--------------|----------------------------------------------|

---

**Description**

Shiny connection for example datasets

**Usage**

```
RunMSstatsQC()
```

**Value**

A connection for the shiny interface

**Examples**

```
## Not run: An example dataset can be found through MSstatsQC package
library(MSstatsQC)
data <- MSstatsQC::S9Site54
## Not run: RunMSstatsQC()
```

---

|          |                                        |
|----------|----------------------------------------|
| S9Site54 | <i>CPTAC study 9.1 site 54 dataset</i> |
|----------|----------------------------------------|

---

**Description**

system suitability testing results generated during CPTAC Study 9.1 for Site 54

**Usage**

```
data(S9Site54)
```

**Format**

csv

**Details**

CPTAC system suitability testing data for Site 54 from Study 9.1

**Value**

An example dataset generated from CPTAC study 9.1

**References**

<http://www.mcponline.org/content/early/2015/02/18/mcp.M114.047050>

# Index

- \* **GUI**

- RunMSstatsQC, [2](#)

- \* **datasets**

- S9Site54, [2](#)

- \* **shiny**

- RunMSstatsQC, [2](#)

RunMSstatsQC, [2](#)

S9Site54, [2](#)