MatLab ROI-MCR-ALS Cheat Sheet

Run ROIprocess2:

```
ROIprocess2
```

When running into out of memory error:

Lower the number of workers on the Home tab in the Environment section, by selecting Parallel > Parallel Preferences.

Run MCR-ALS:

```
mcr_main
```

Output Table:

```
ReportTable = MCRout(copt,sopt,mzroi_end,time_end,nRows,Parameters)
```

Check Correlation between each Average Concentration Profile and main mz EIC for all Components:

```
[EICs,ReportTable]=CheckConcProfiles(ReportTable,Parameters)
```

Plot Correlation of Component and EIC for selected Components:

```
PlotProfileCheck(EICs,ReportTable)
```

Evaluate Database MS1 Search:
Databank Results must be comma separated List

```
ReportTable=evalDatabaseQuery(ReportTable)
```

Find MS2 Spectra:

```
ReportTable = extractMSMS(ReportTable,Parameters)
```

Compare to Suspect List:

```
ReportTable = compare2suspects(ReportTable,Parameters)
```