- raw data backup
- AlphaDIA settings
- AlphaDIA output

Shared File System

wet lab scientist

Mass Spectrometer

Acquisition PC

HDD

network mount

Airflow worker

SSH access

SLURM Cluster

αDIA

Worker PCs/VMs
(one or multiple)

(scheduler, webserver, redis, postgres-db)

Airflow Infrastructure

Business Data*

MongoDB.

*raw file status, AlphaDIA metrics

Webapp

network access

can be run on a single PC/VM, or distributed (e.g. in a cloud)