

Agilent OpenLab CDS

.dx data / AcqData, .pmx processing methods, AgilentOpenLab providers; not MassHunter.

How Quanto reads Agilent OpenLab CDS sample data (.dx / AcqData layout) and imports OpenLab processing methods (.pmx). OpenLab is **not** MassHunter and **not** classic ChemStation — use the OpenLab add-ins below. For MassHunter .D + MSTree2.bin , see [MassHunter](#). For ChemStation data.ms / qdb.mth , see [ChemStation / MSD](#).

Raw data

Item	Notes
Sample / result data	.dx (OpenLab result / AcqData layout)
How you add it	Batch → Add samples — OpenLab data is loaded with the bottles, not as a method file
Modes	Single quad SCAN / SIM (and QQQ / MRM where the vendor reader exposes them) — see Compatibility

Reader add-in: AgilentOpenLabDataProvider . Reads OpenLab CDS acquisition data for chromatogram extraction and sample discovery. Support DLLs live under:

C:\Program Files\Quanto\AddIns\VendorSupportFiles\Agilent\

Do not mix these DLLs with another Quanto build.

Method import

Source	Add-in (class)	What you point at	What comes in
OpenLab CDS processing method	AgilentOpenLabMethod	.pmx processing method (folder, .sirslt / .rslt , or the file itself)	Expected compounds, ISTD role/link, signal / EIC m/z, RT windows, curve hints

Import: Method → Load / Import — Replace or Append ([Method design](#)).

Acquisition method .amx is **not** a quant method — do not import it as the Quanto method.

Vendor methods do **not** set Quanto's Calibration mode; new work defaults to Initial calibration unless you change it.

OpenLab coverage (short)

Piece	Supported?
Data	Yes — <code>AgilentOpenLabDataProvider</code> for <code>.dx</code> / <code>AcqData</code>
Method import	Yes — <code>AgilentOpenLabMethod</code> for processing methods (<code>.pmx</code>)
Acquisition method <code>.amx</code>	Not a quant method — do not import as the Quanto method

Contrast with MassHunter and ChemStation

Vendor	Data you point at	Method import	Index / conversion
OpenLab CDS	<code>.dx</code> / <code>AcqData</code> via <code>AgilentOpenLabDataProvider</code>	<code>.pmx</code> via <code>AgilentOpenLabMethod</code>	OpenLab path — not MassHunter <code>MSTree2.bin</code>
MassHunter	<code>.D</code> + <code>AcqData\</code> via <code>AgilentMassHunterDataProvider</code>	<code>.m</code> / <code>.quantmethod.xml</code> or <code>method-from- .D</code>	May write <code>MSTree2.bin</code> if missing
ChemStation / MSD	<code>.D</code> with <code>data.ms</code> / <code>dataSim.ms</code>	<code>.M</code> + <code>qdb.mth</code>	Native MSDChem — no index conversion

Wrong expectations (treating OpenLab `.dx` as MassHunter `.D`, or importing `.amx` as a quant method) cause empty extracts or empty compound lists. Confirm which vendor created the file.

Related

- [Compatibility](#) — full OpenLab checklist
- [Installation and folders](#) — `AgilentOpenLabMethod.dll` under `MethodImporter`
- [Reports, import, and export](#) — `.pmx` vs data bottles
- [Set up an analysis](#)
- [Agilent MassHunter](#)
- [Agilent ChemStation / MSD](#)
- [Troubleshooting](#)