

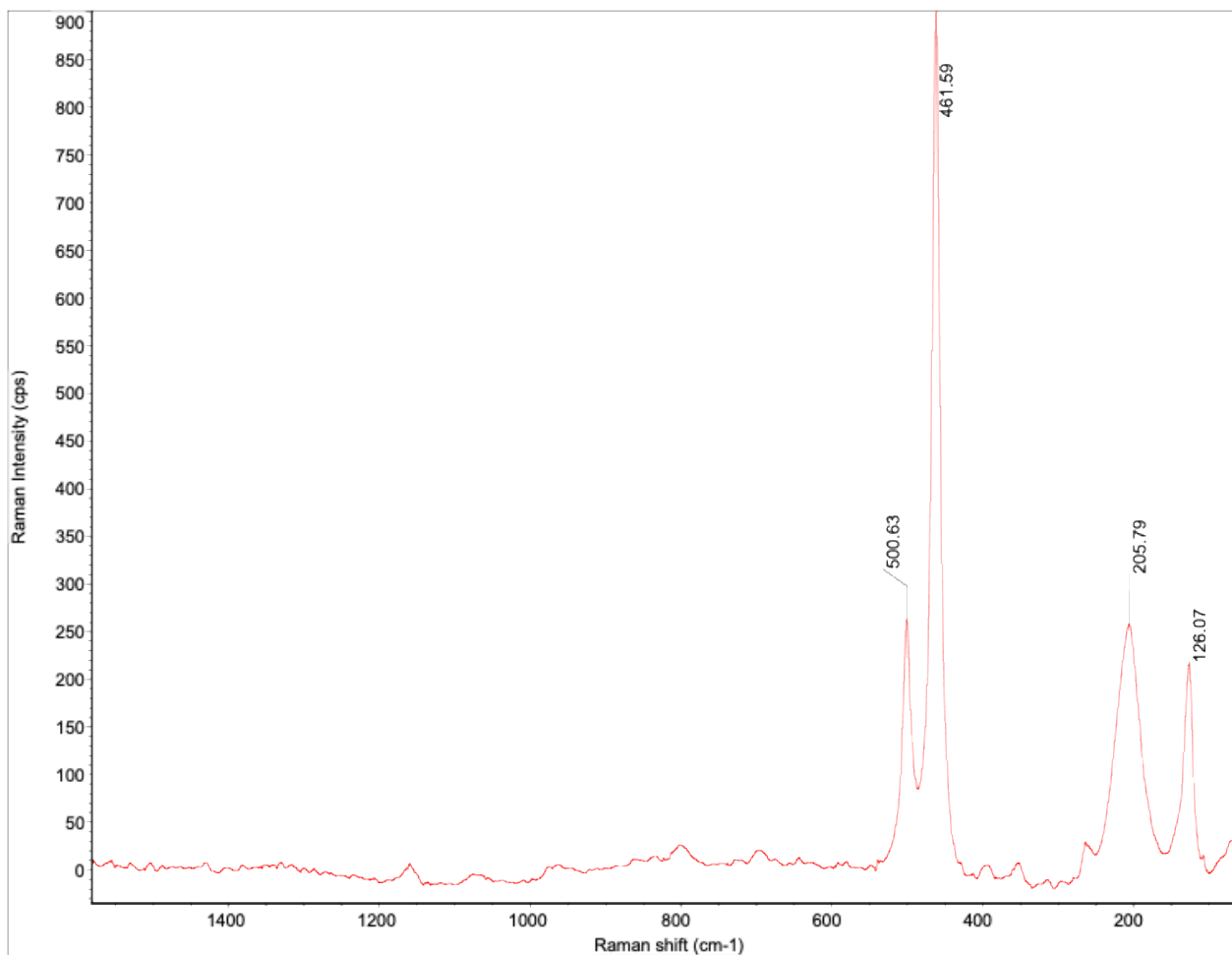
Mineral Database

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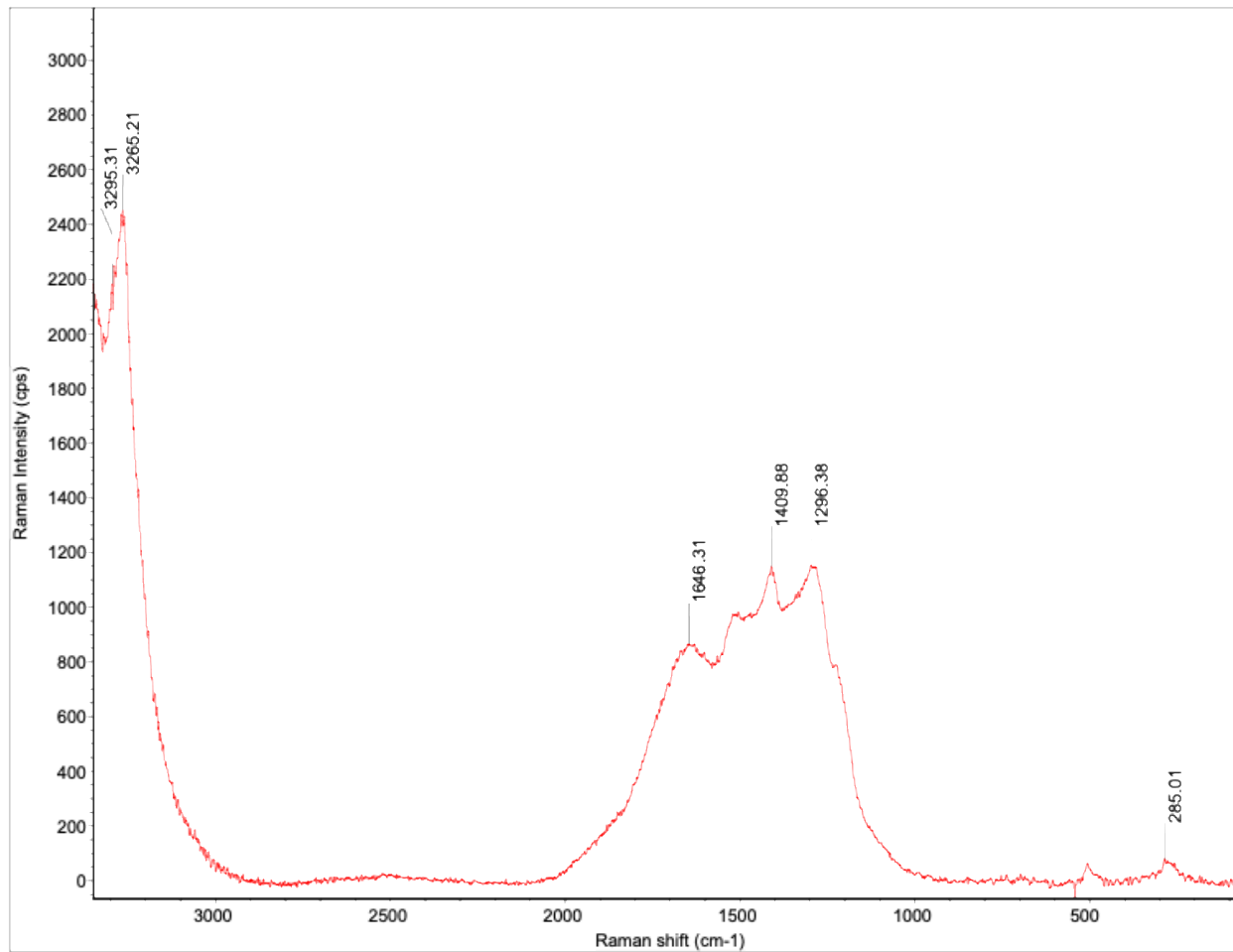
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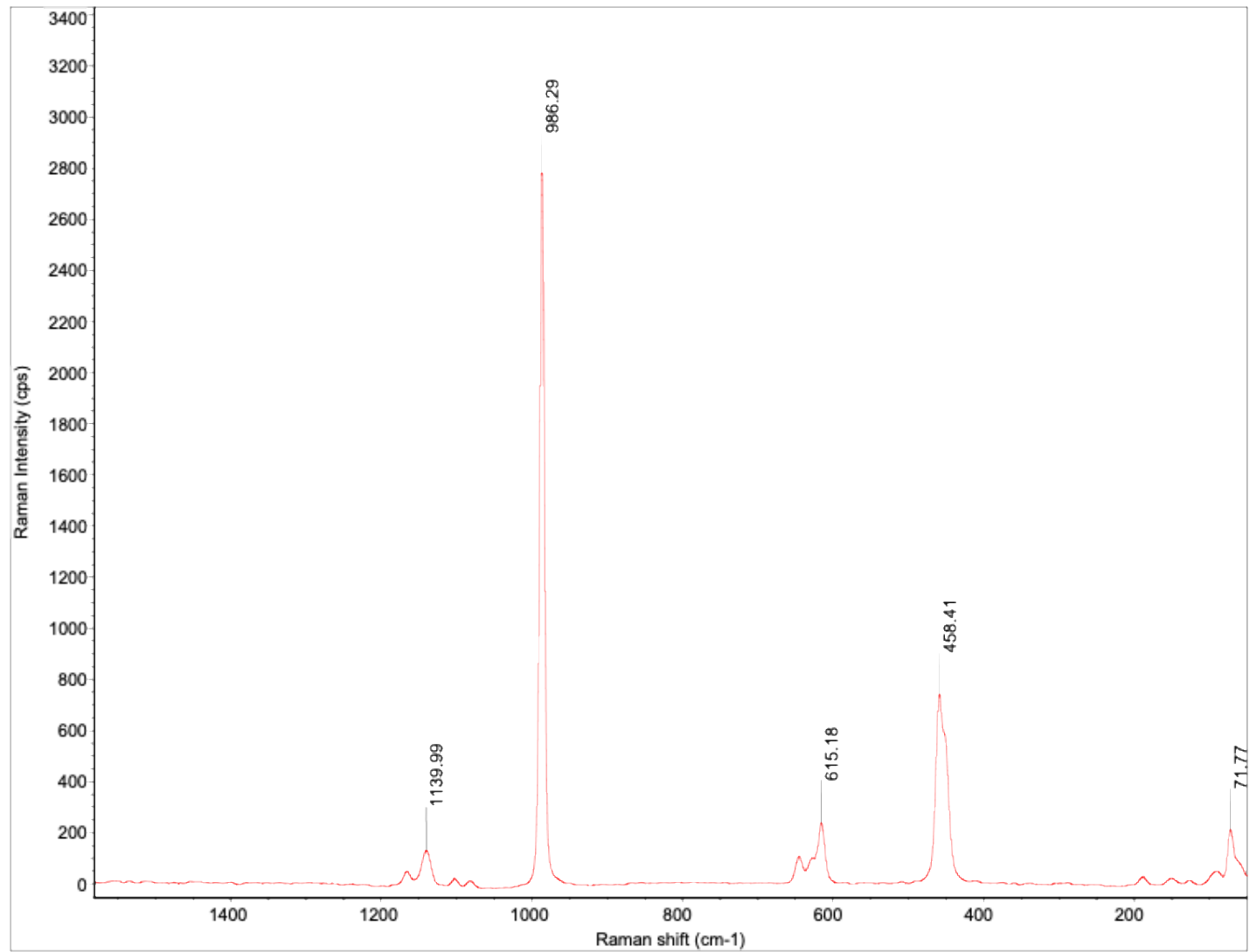
Agate



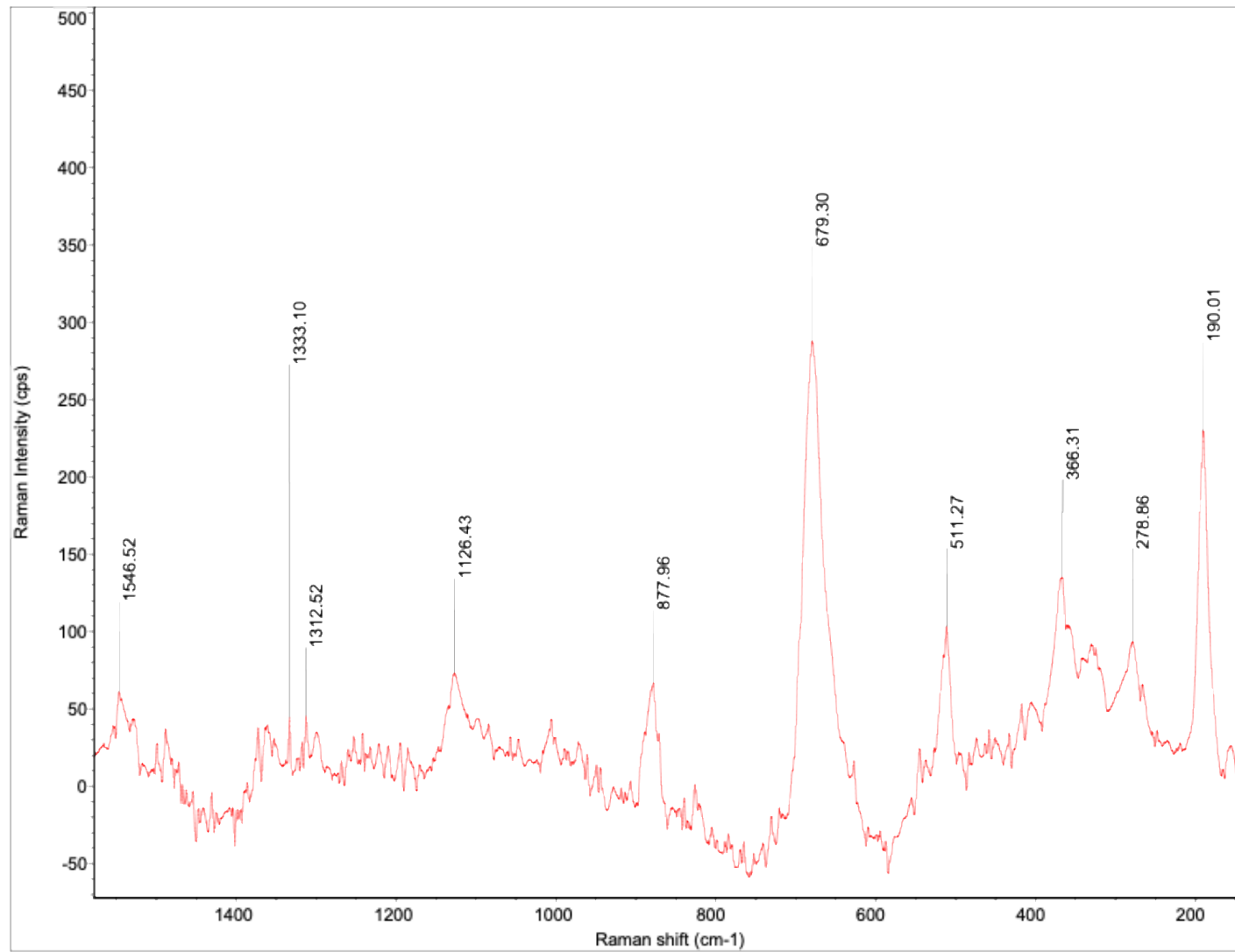
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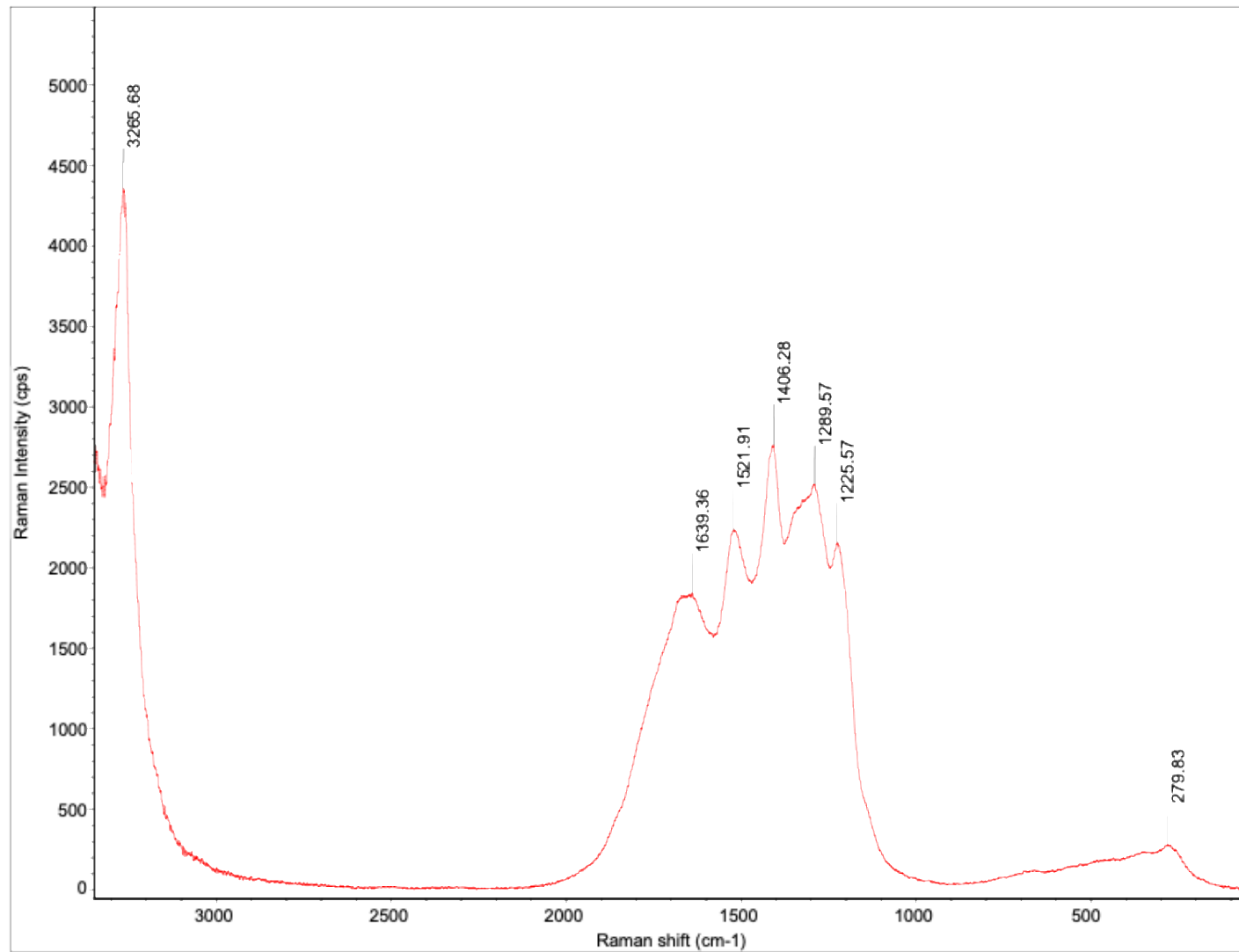
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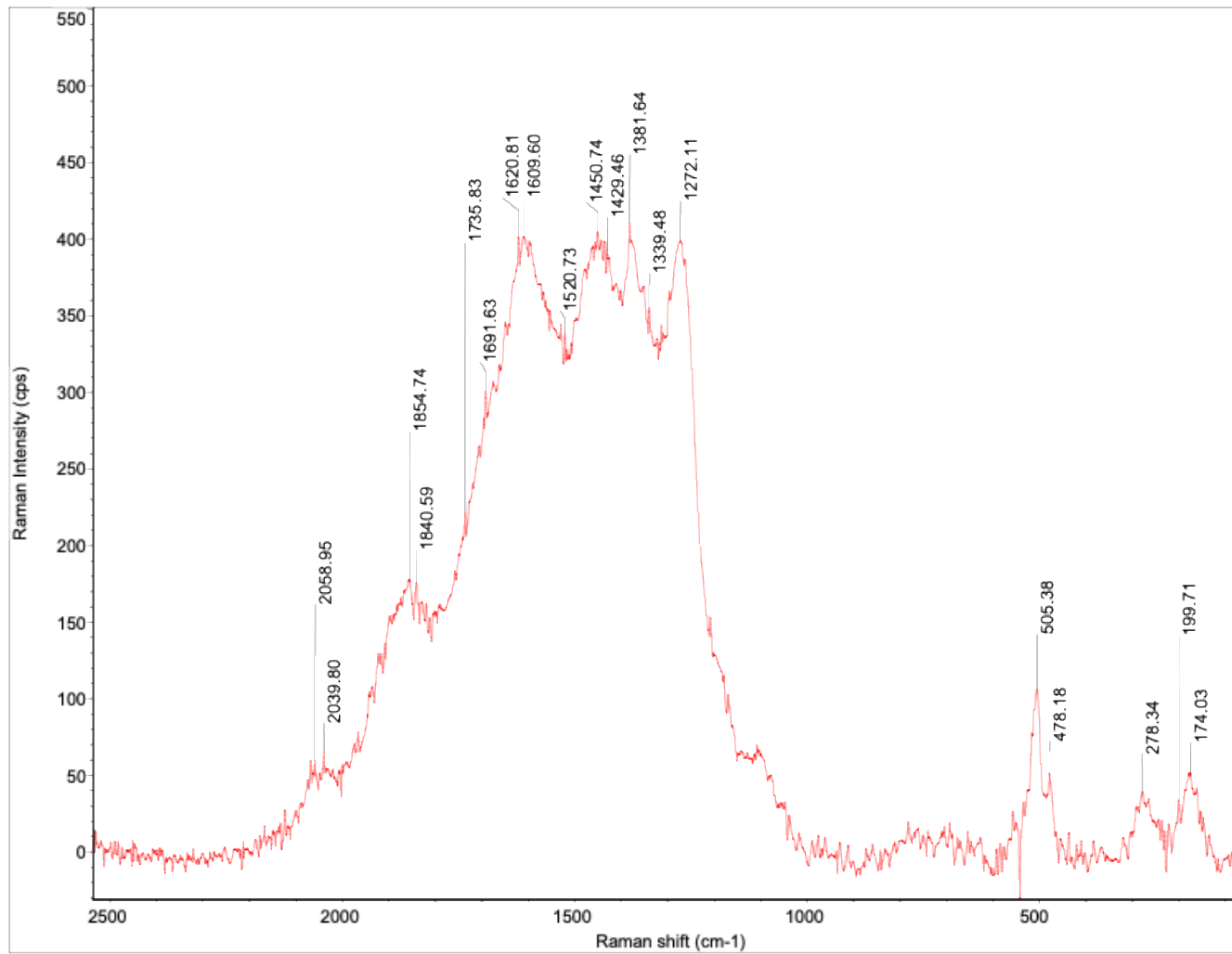
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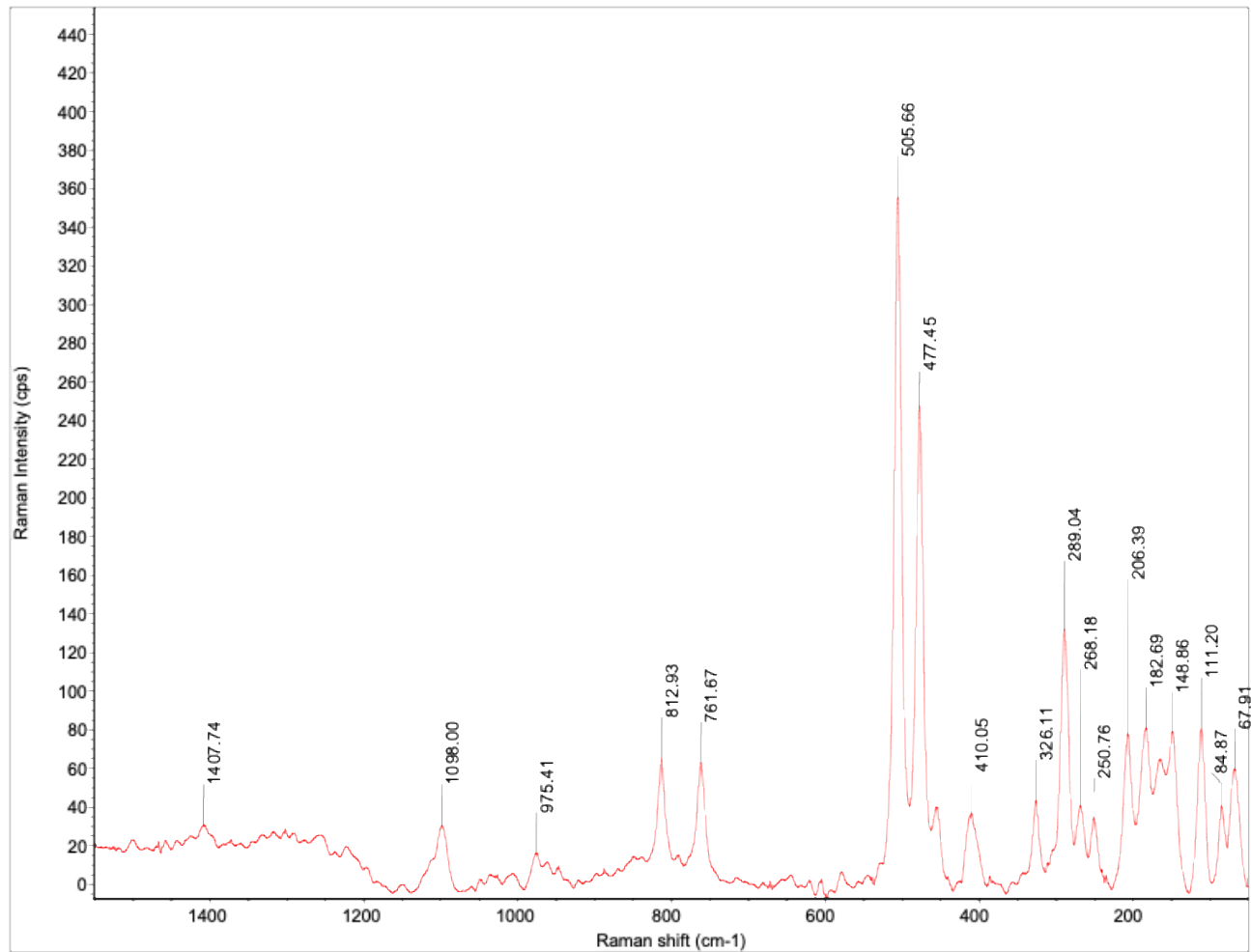
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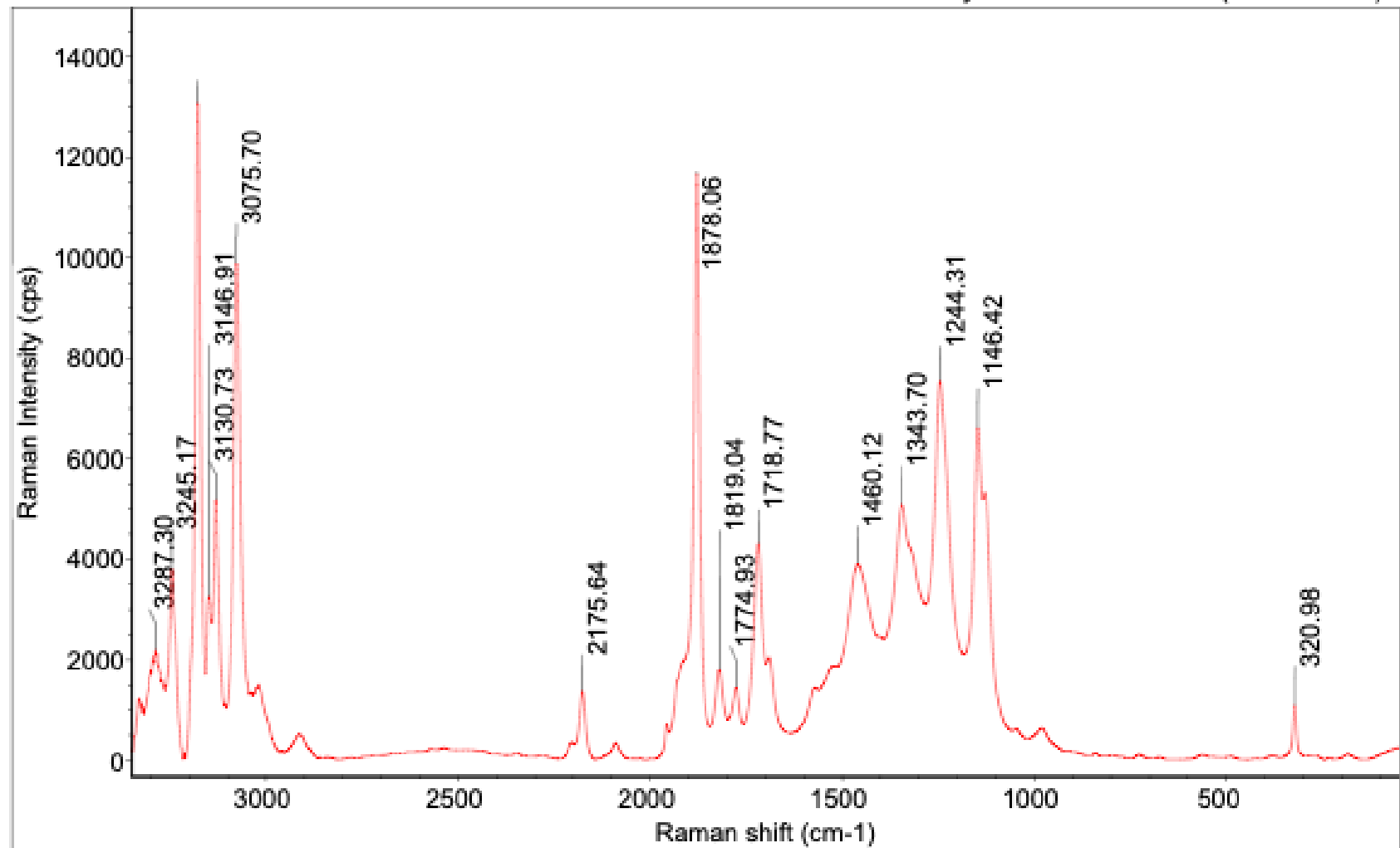
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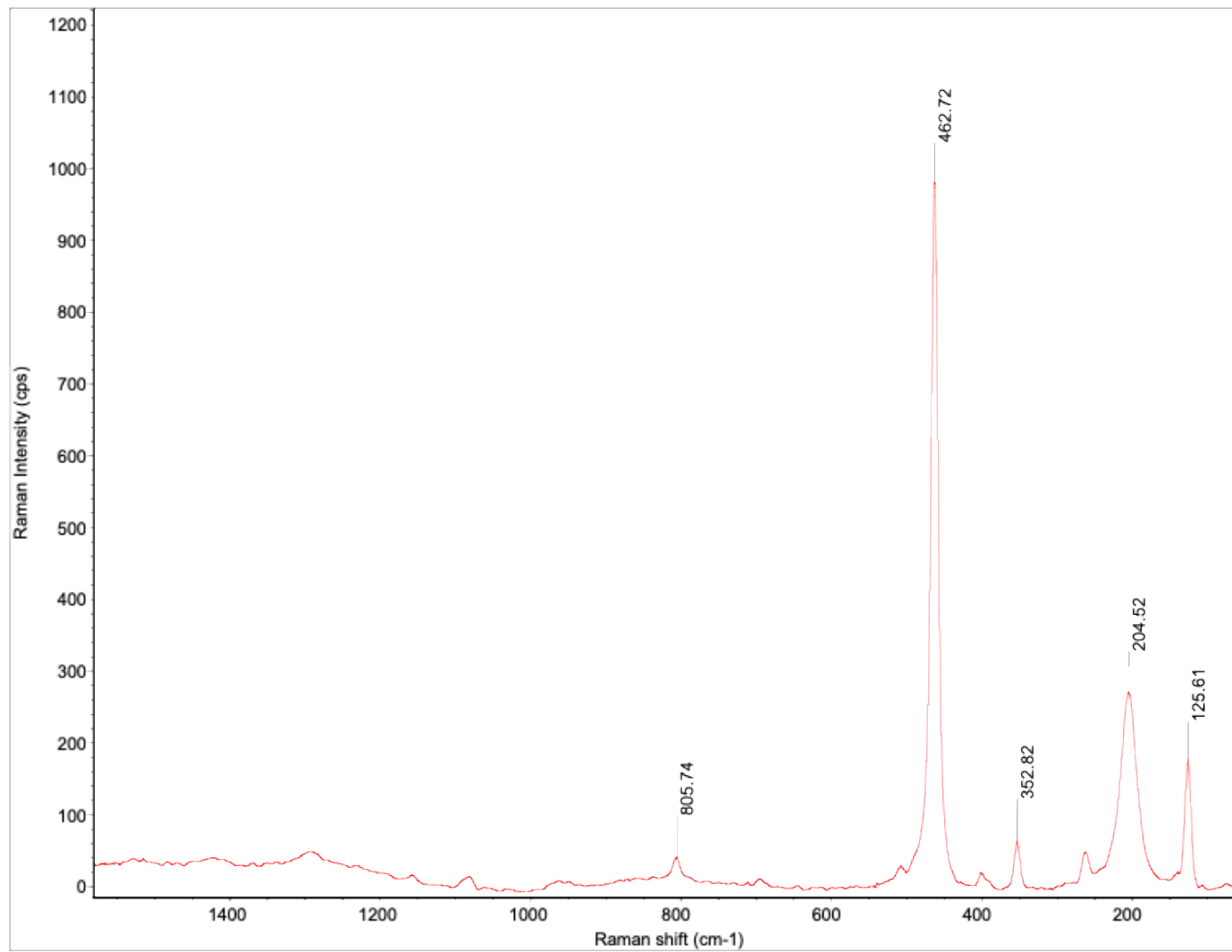
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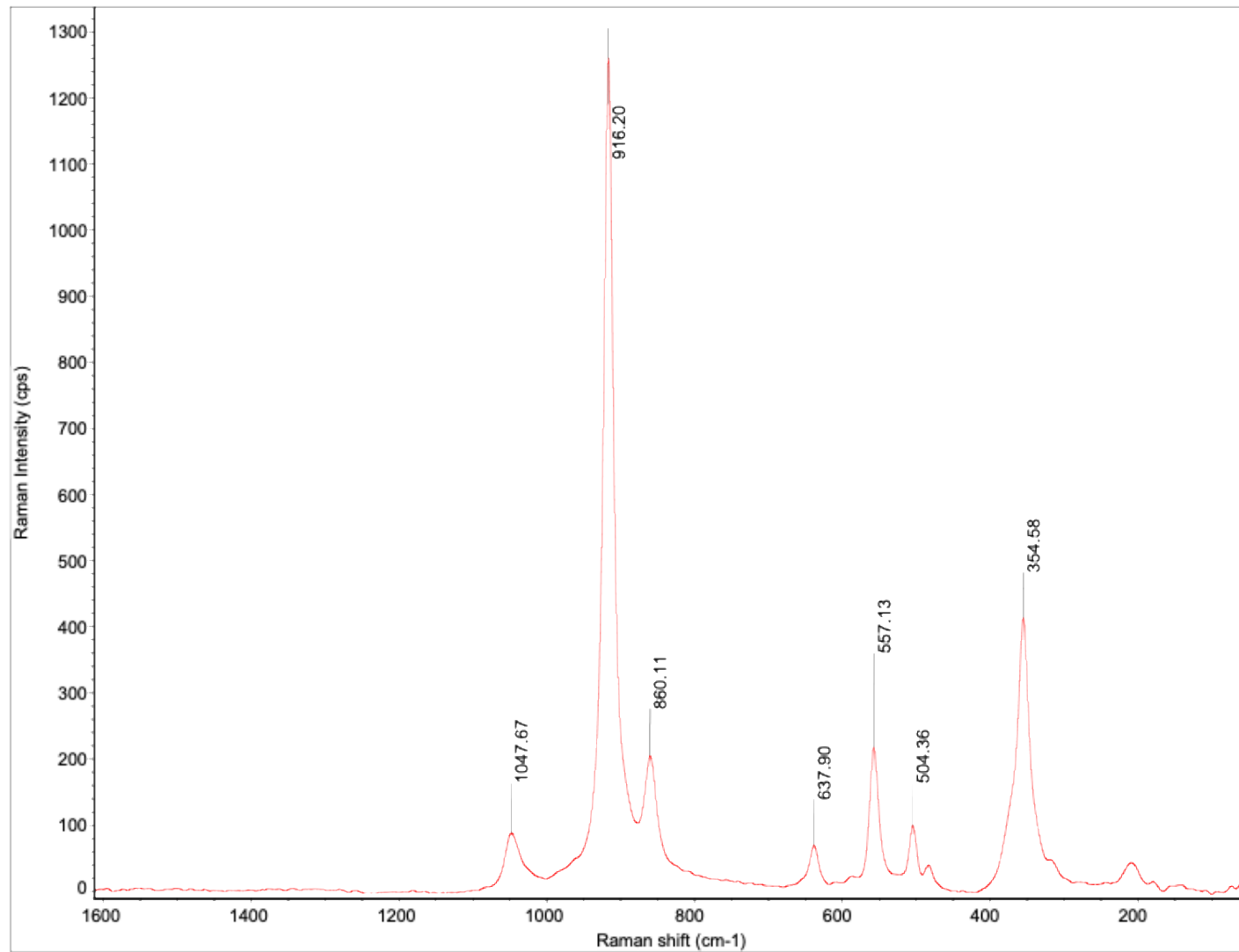
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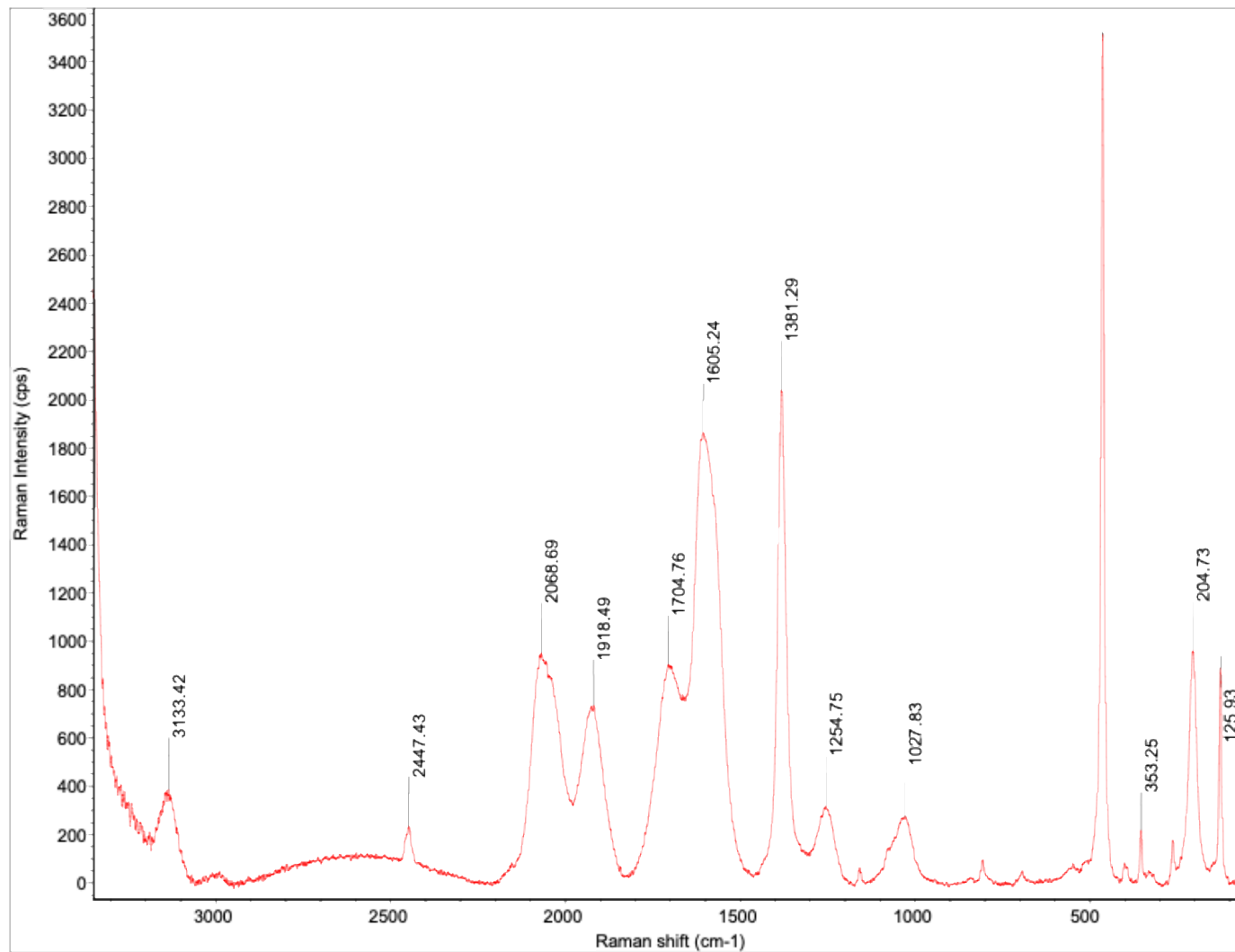
Galena



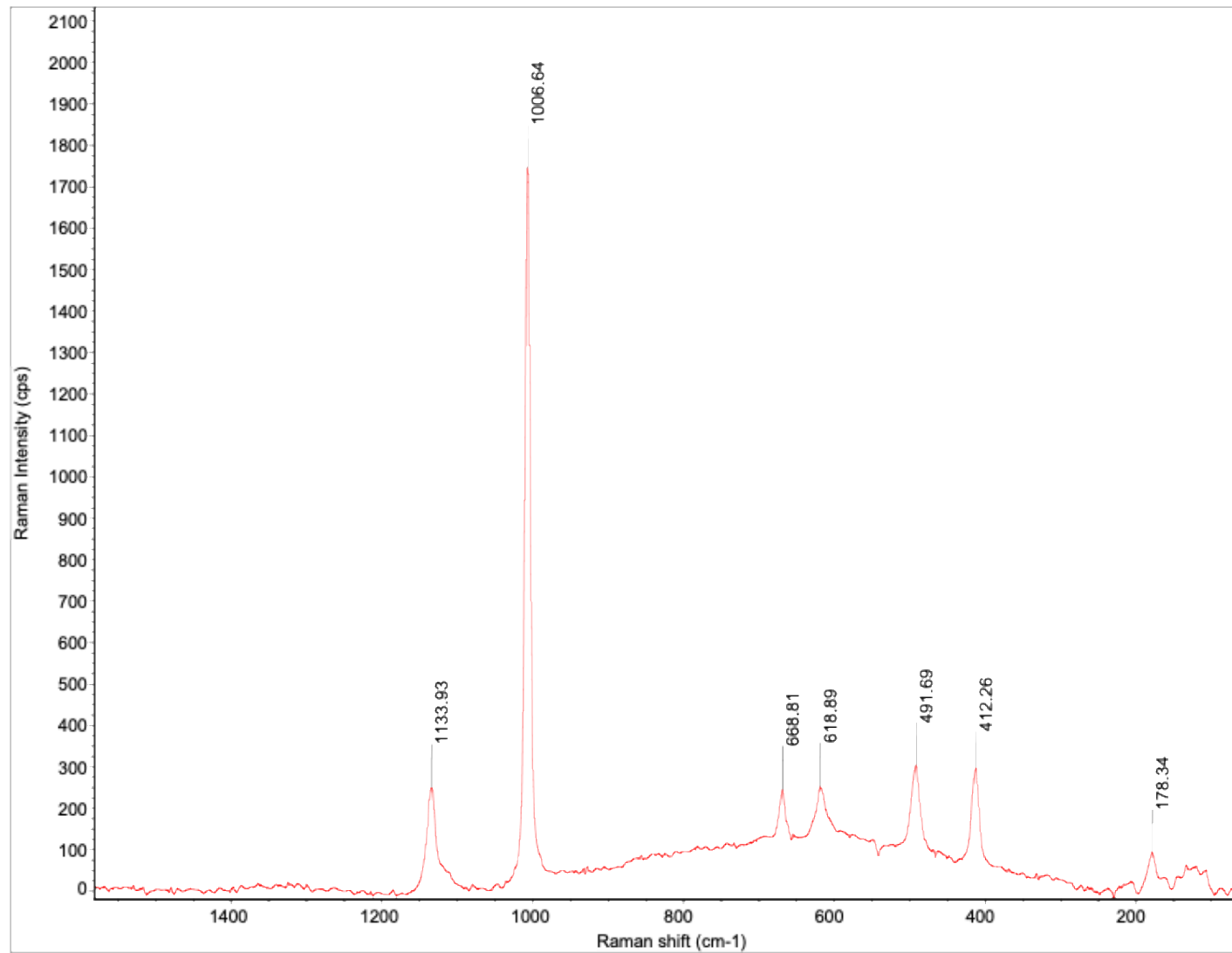
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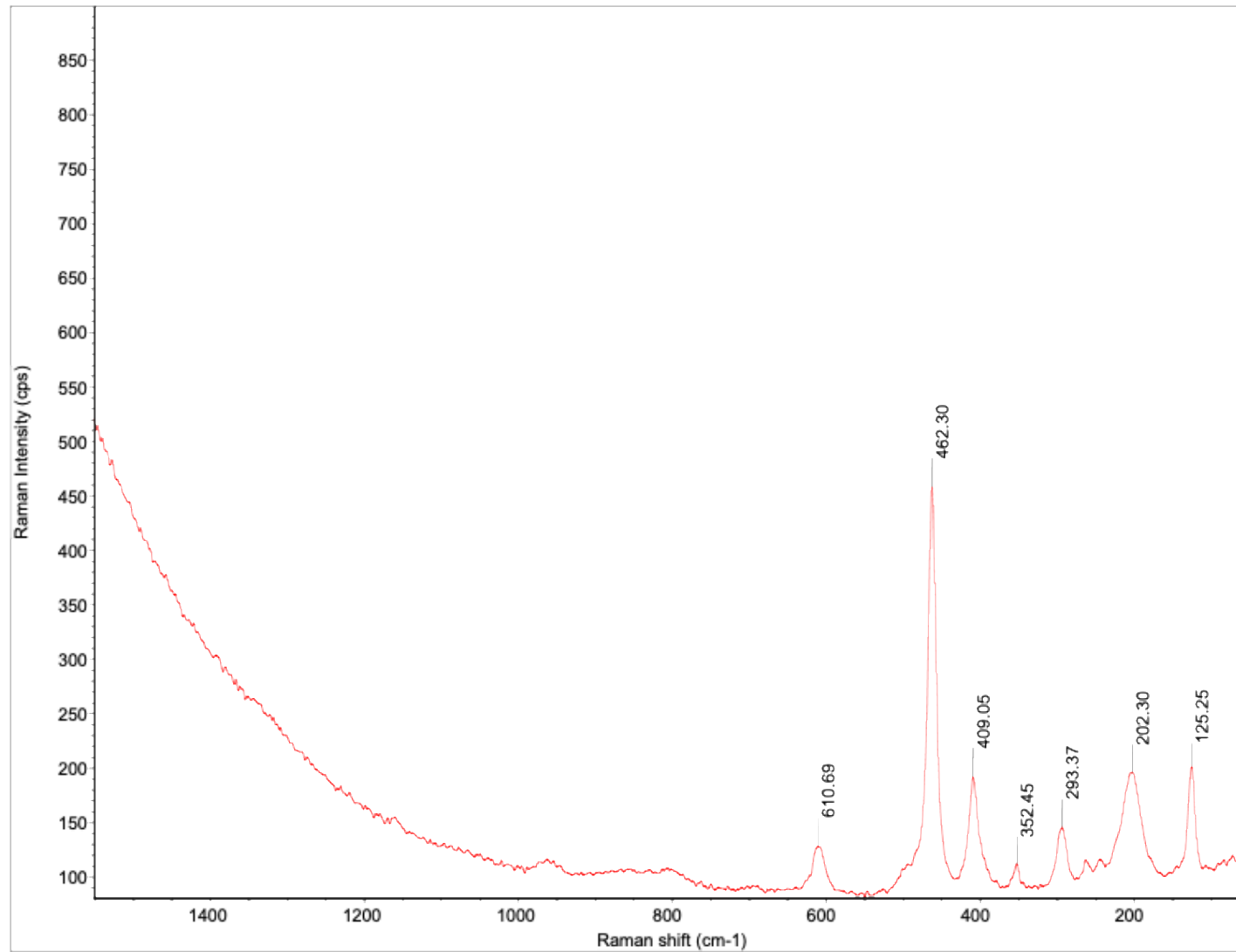
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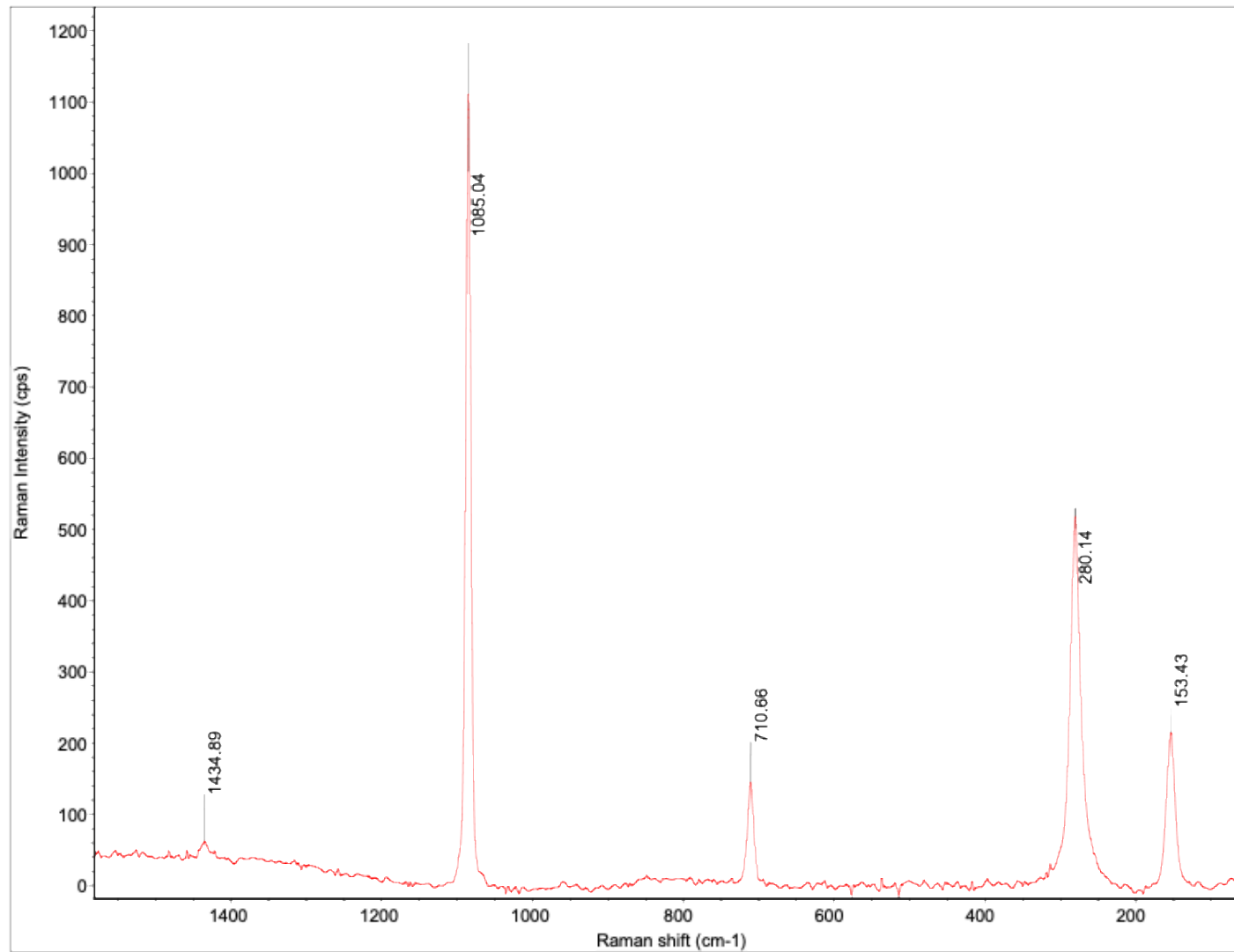
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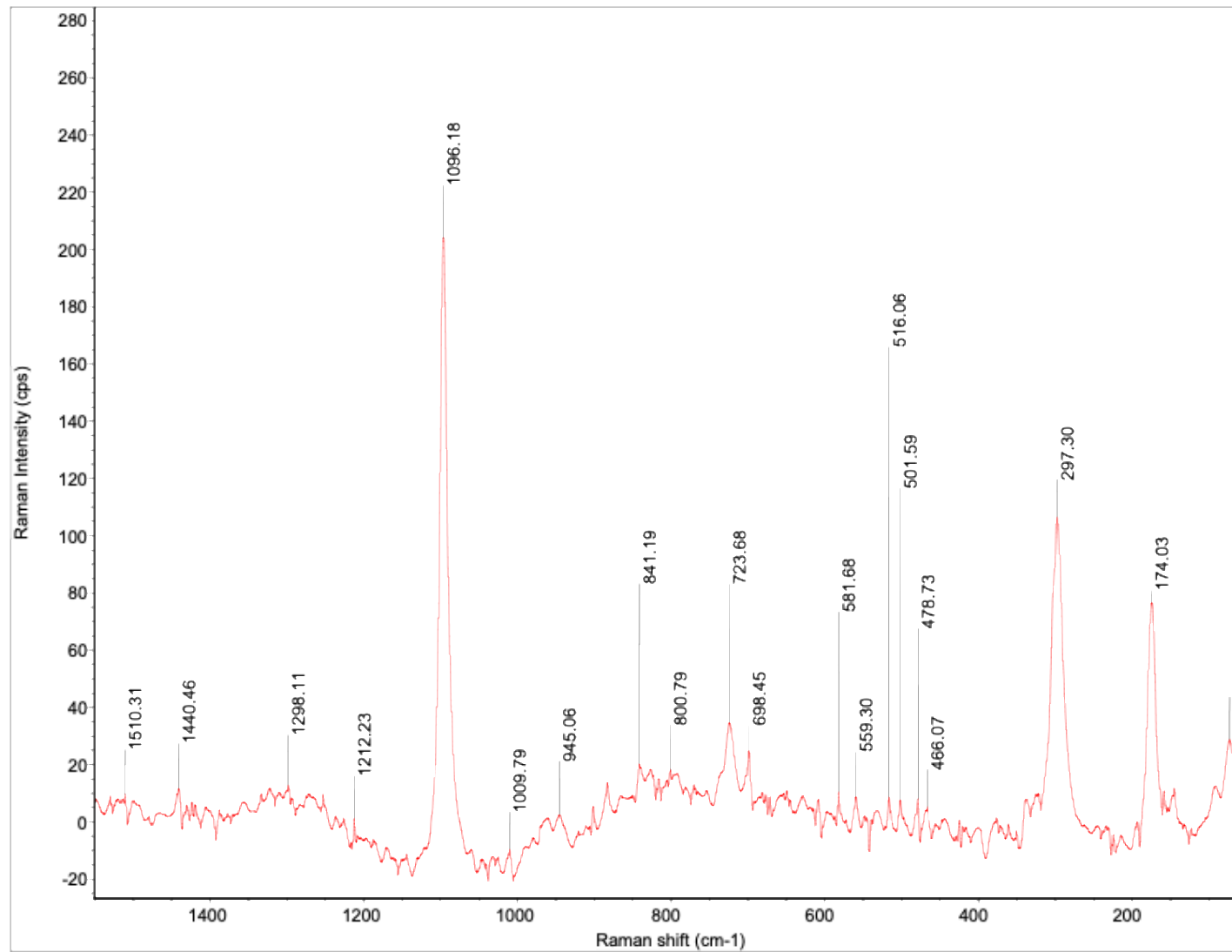
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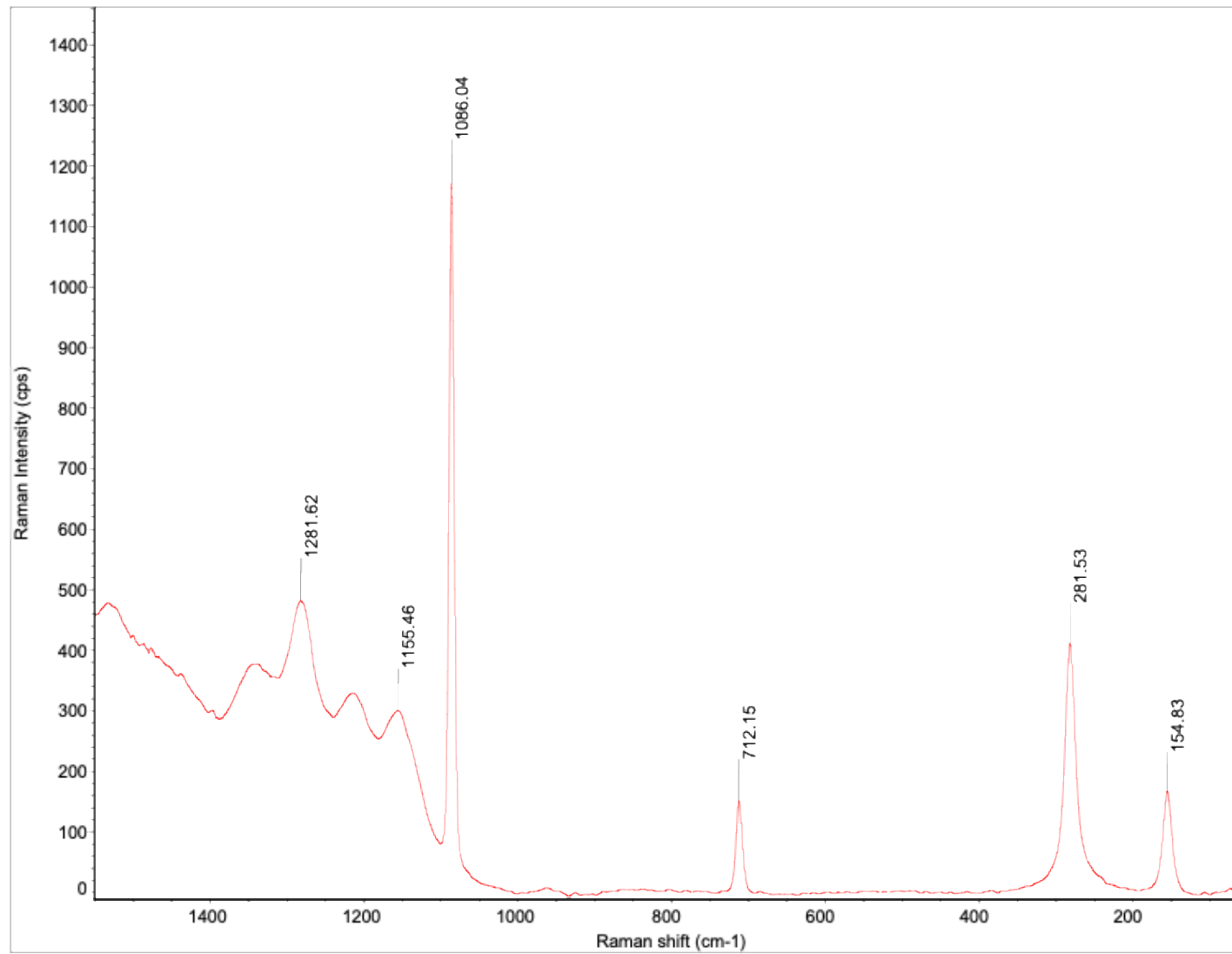
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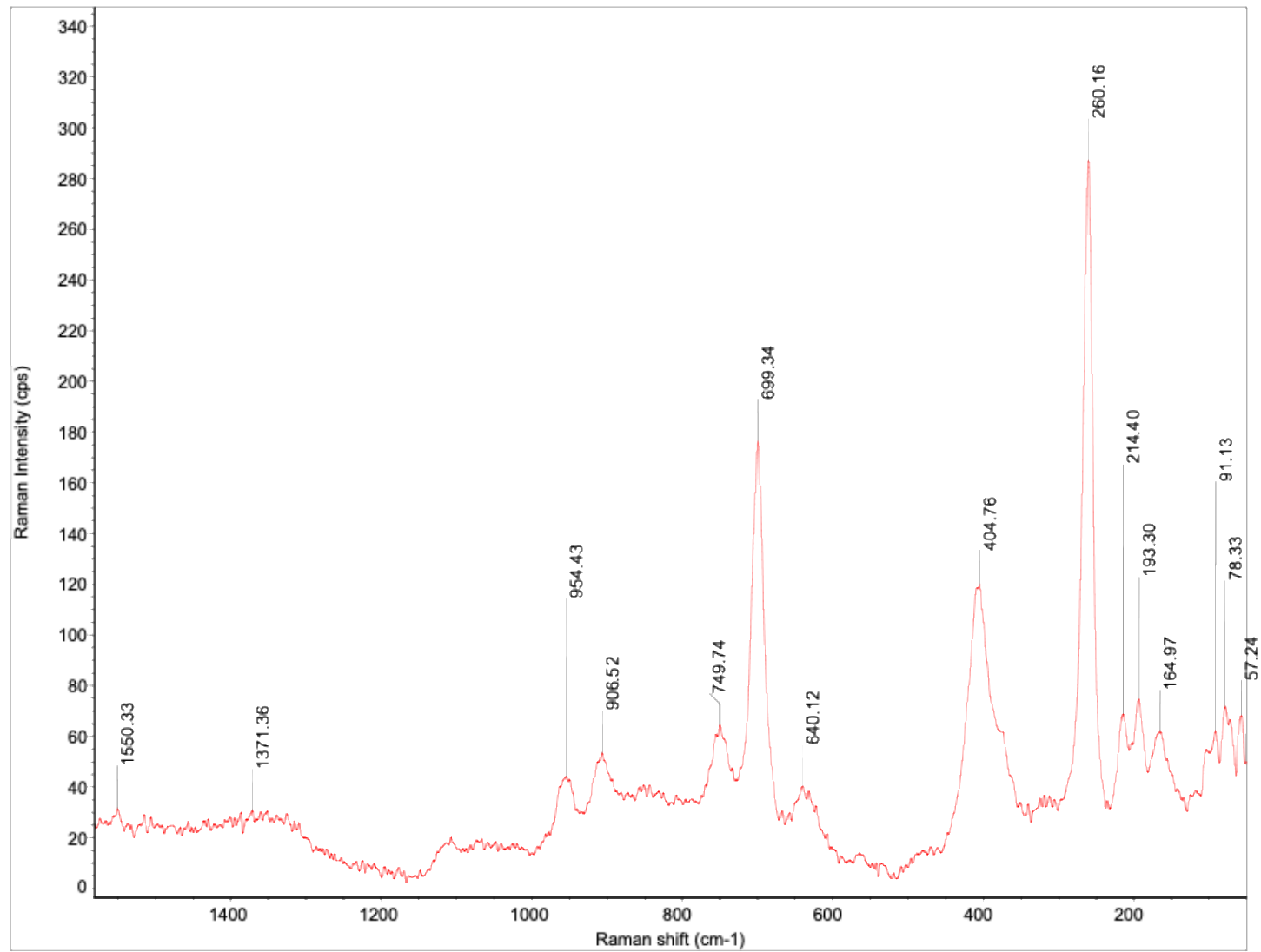
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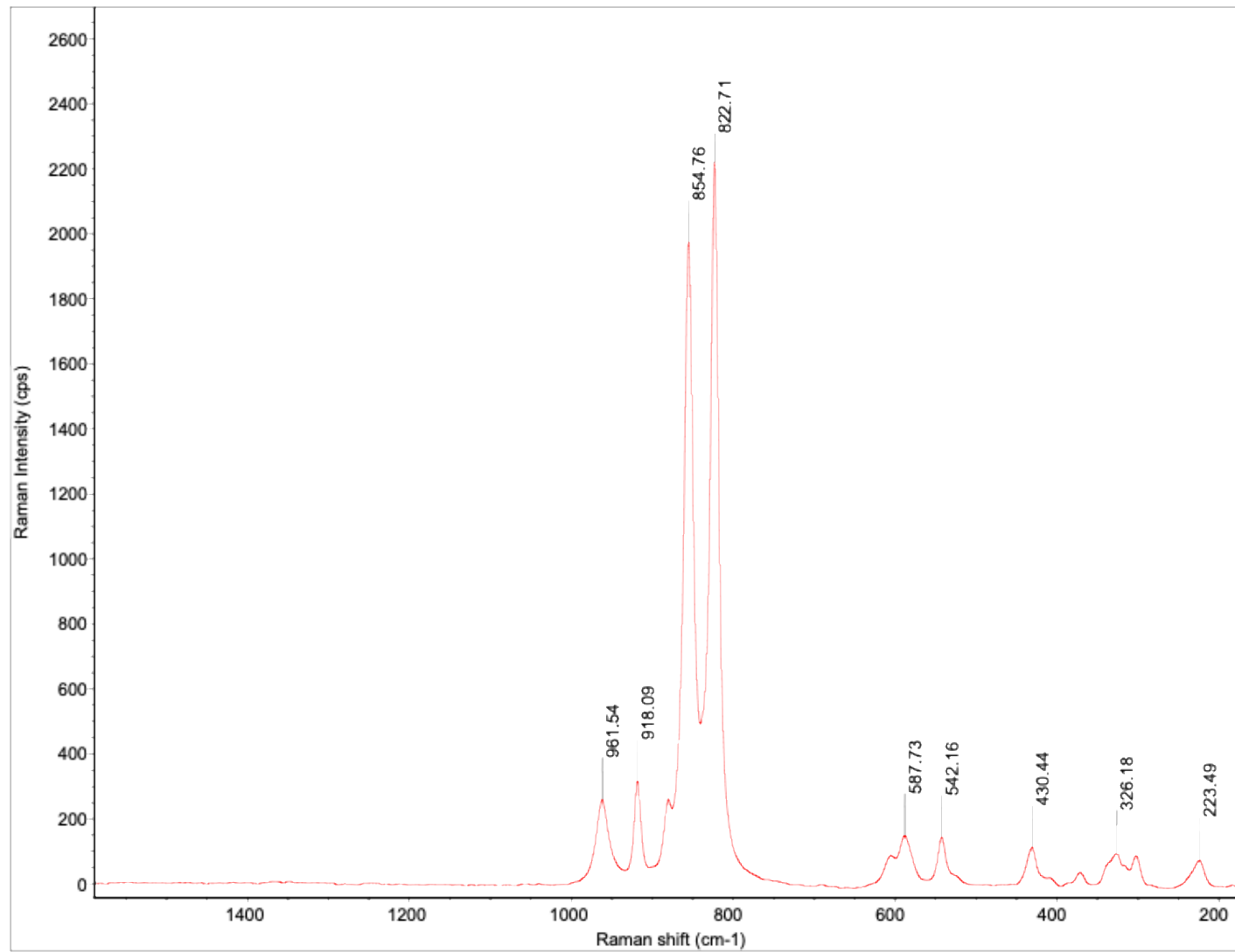
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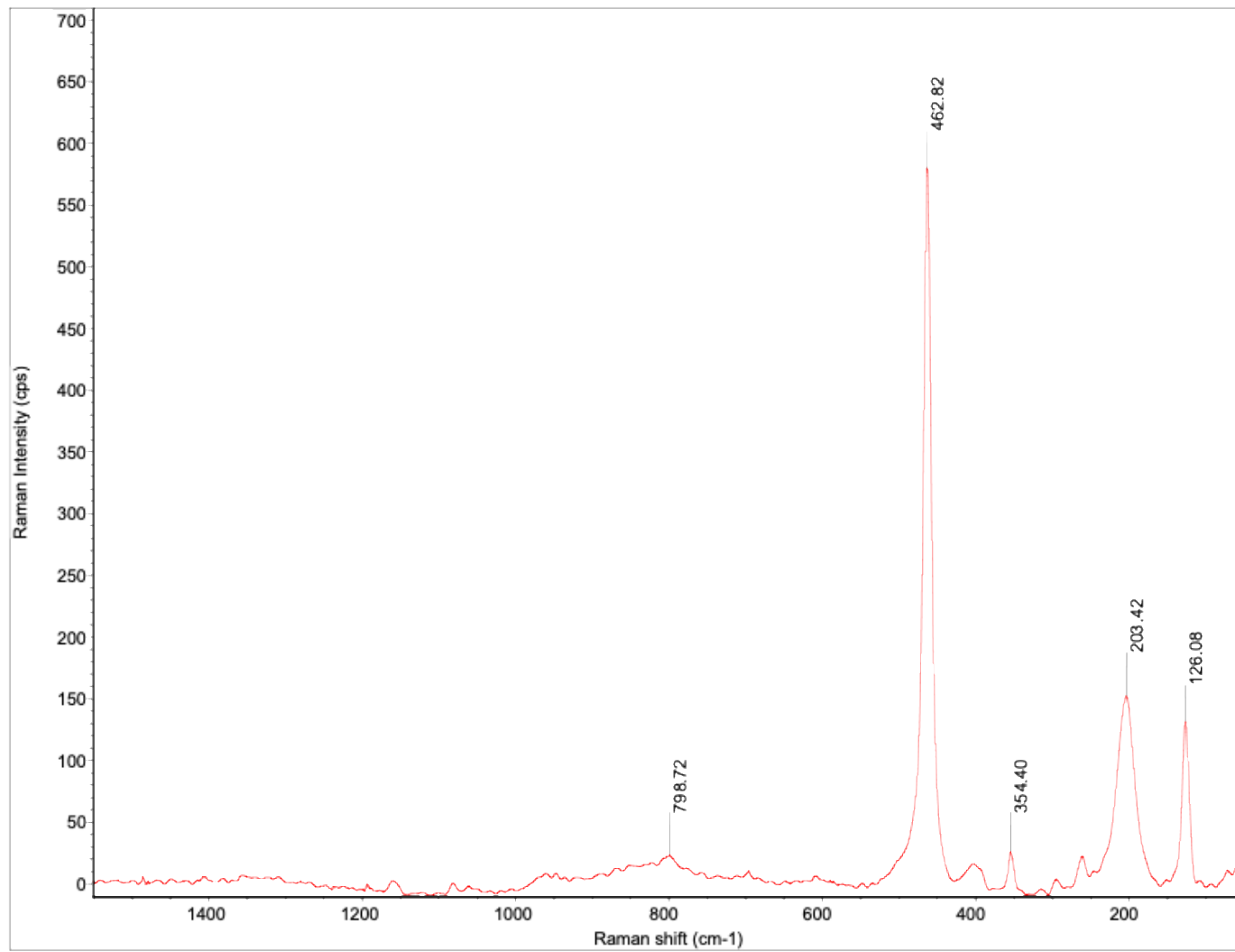
Muscovite



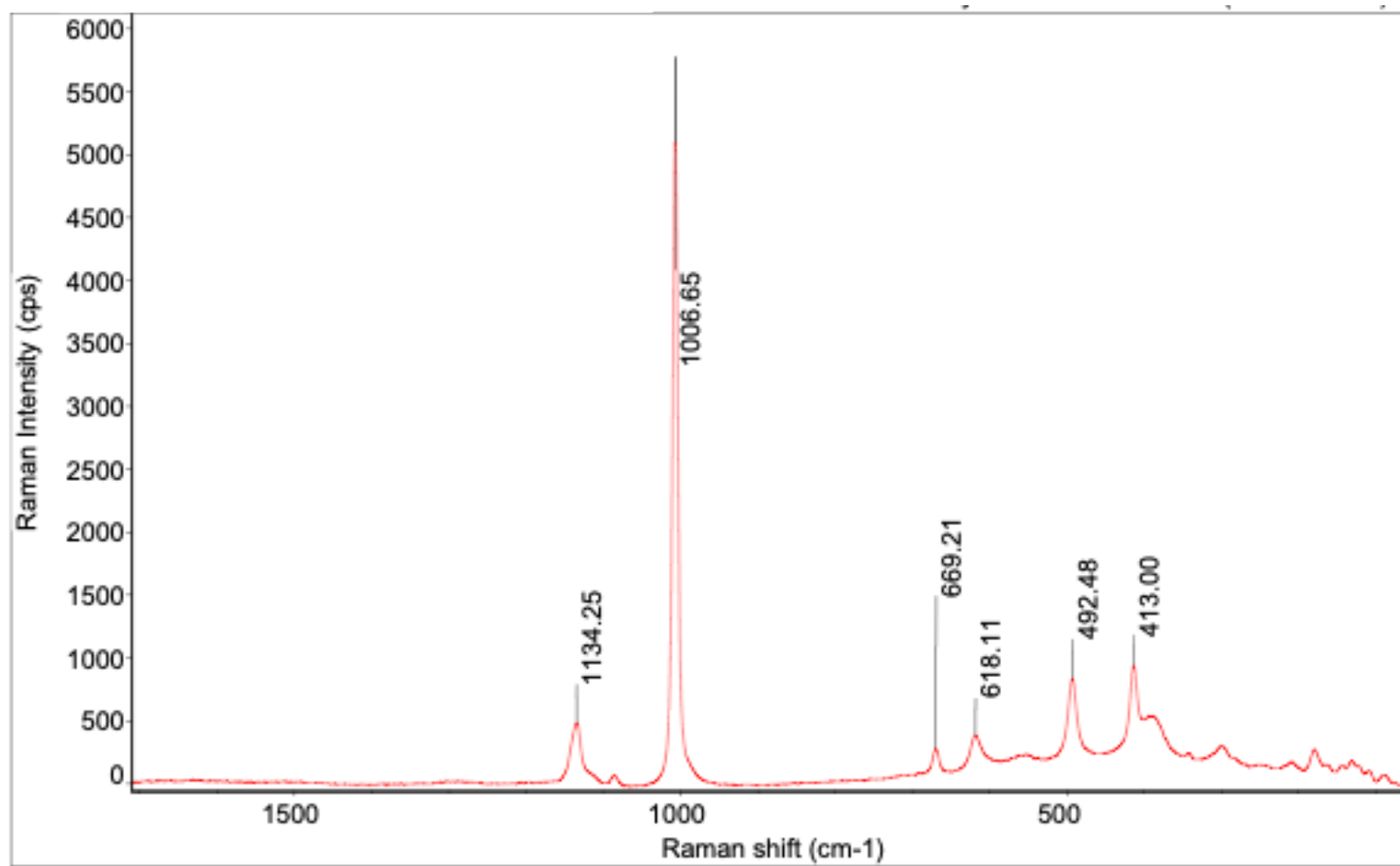
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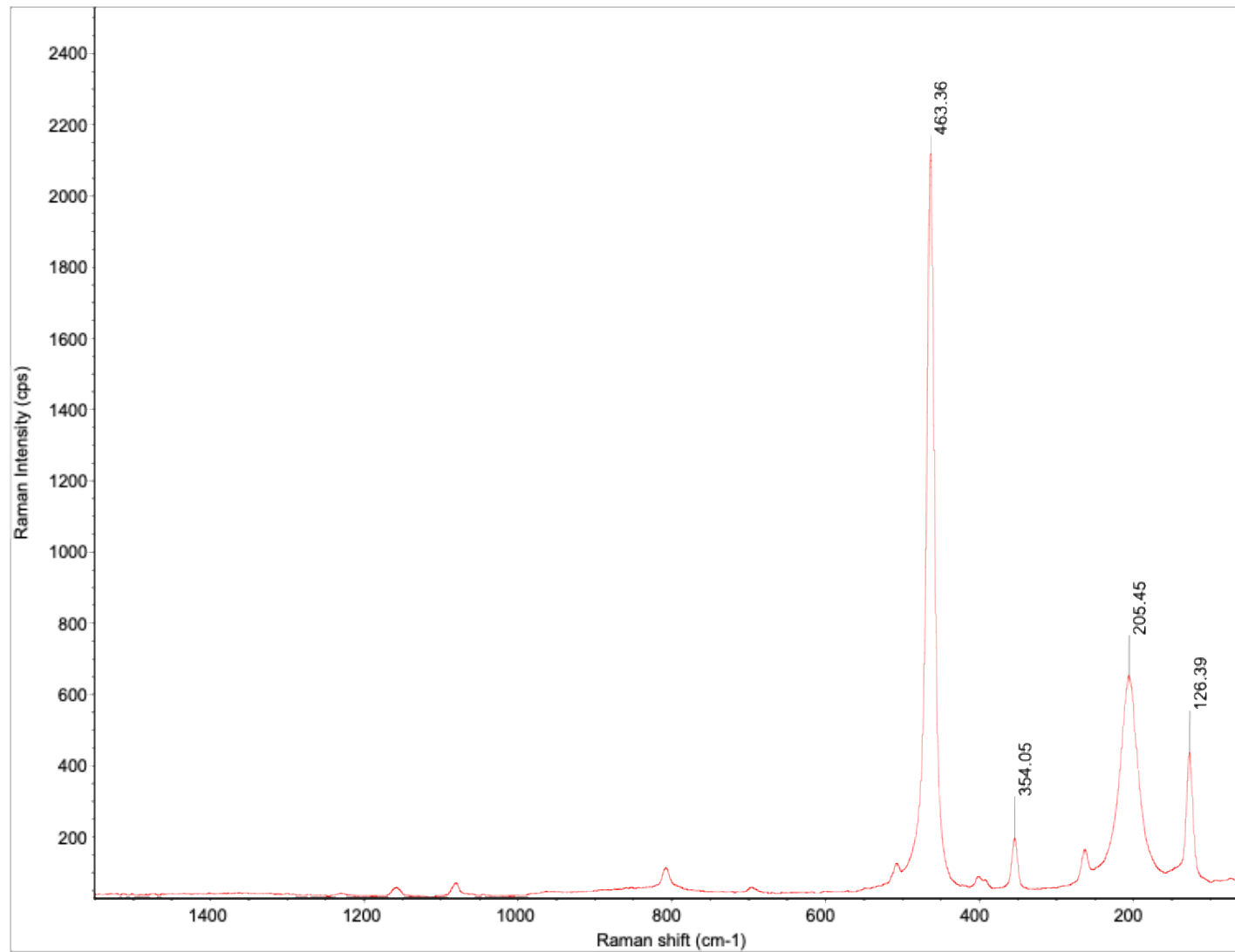
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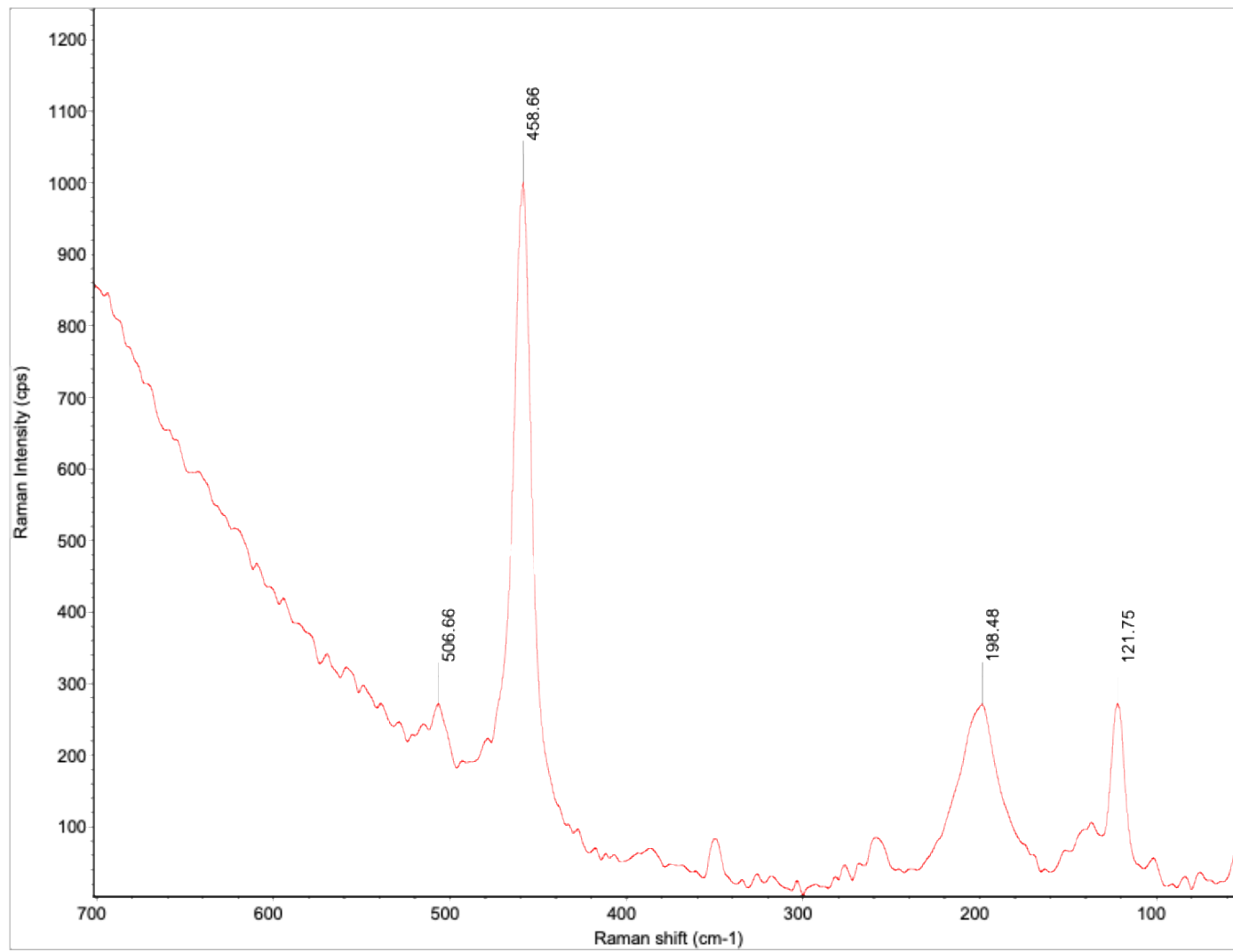
Pyrite



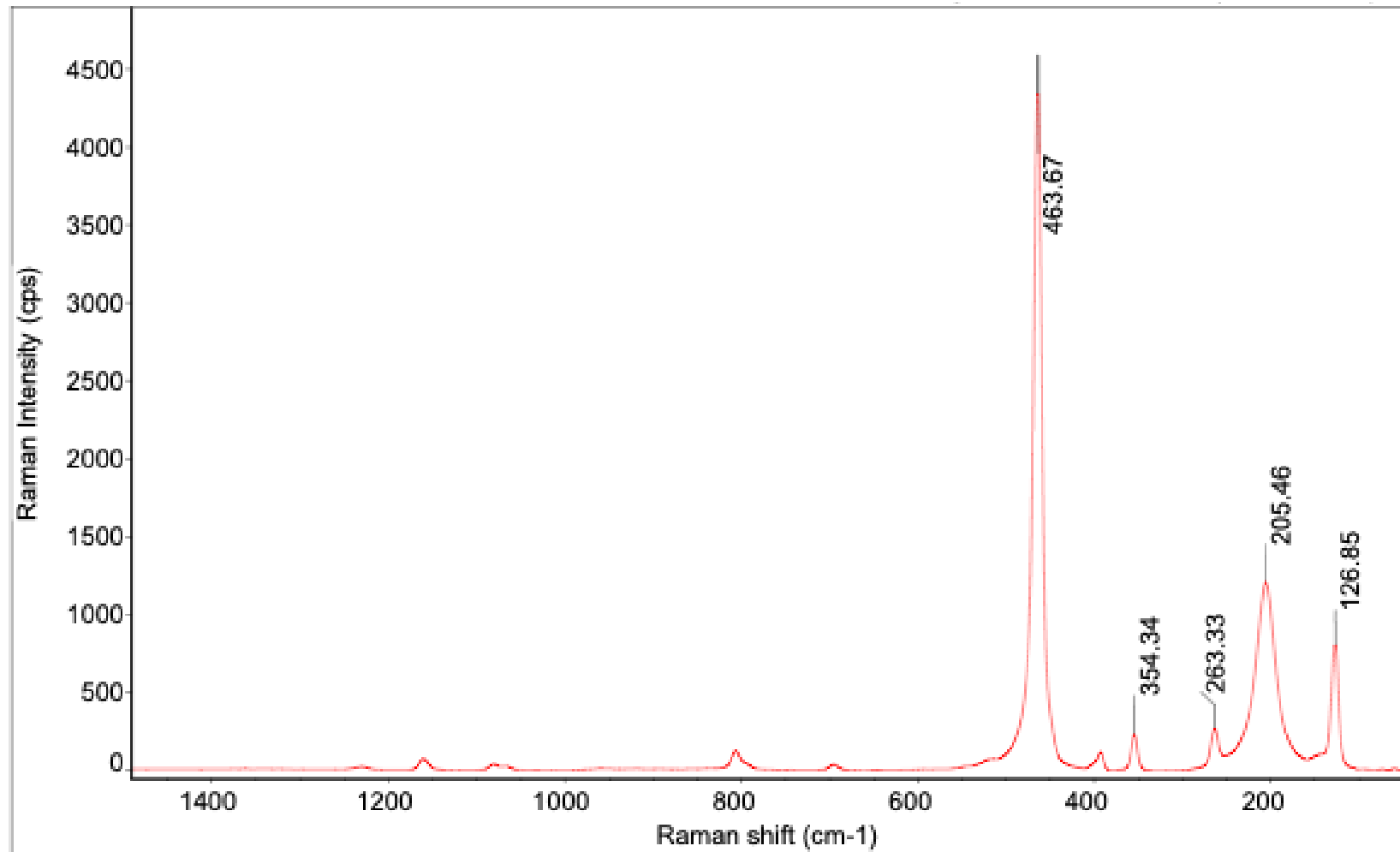
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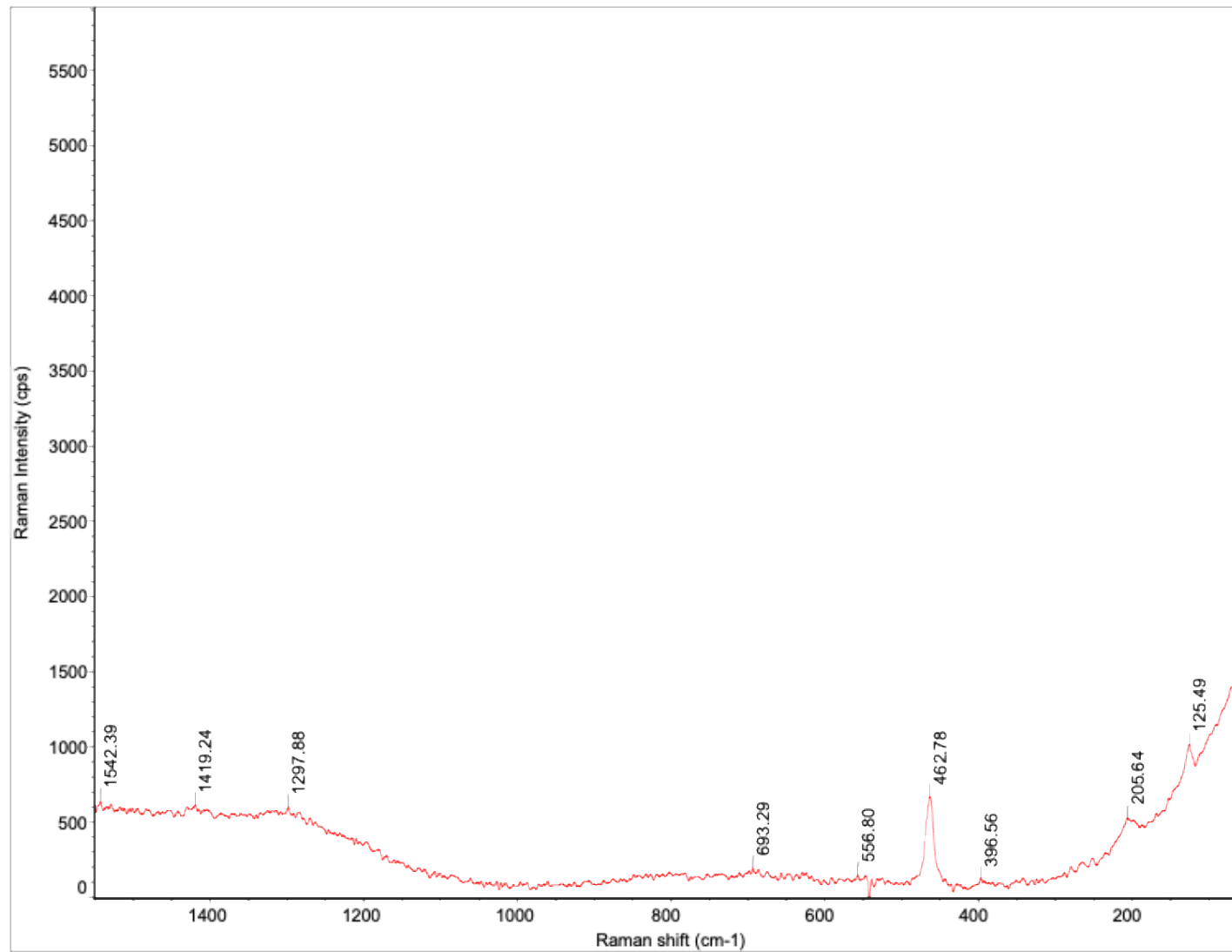
Rhyolite



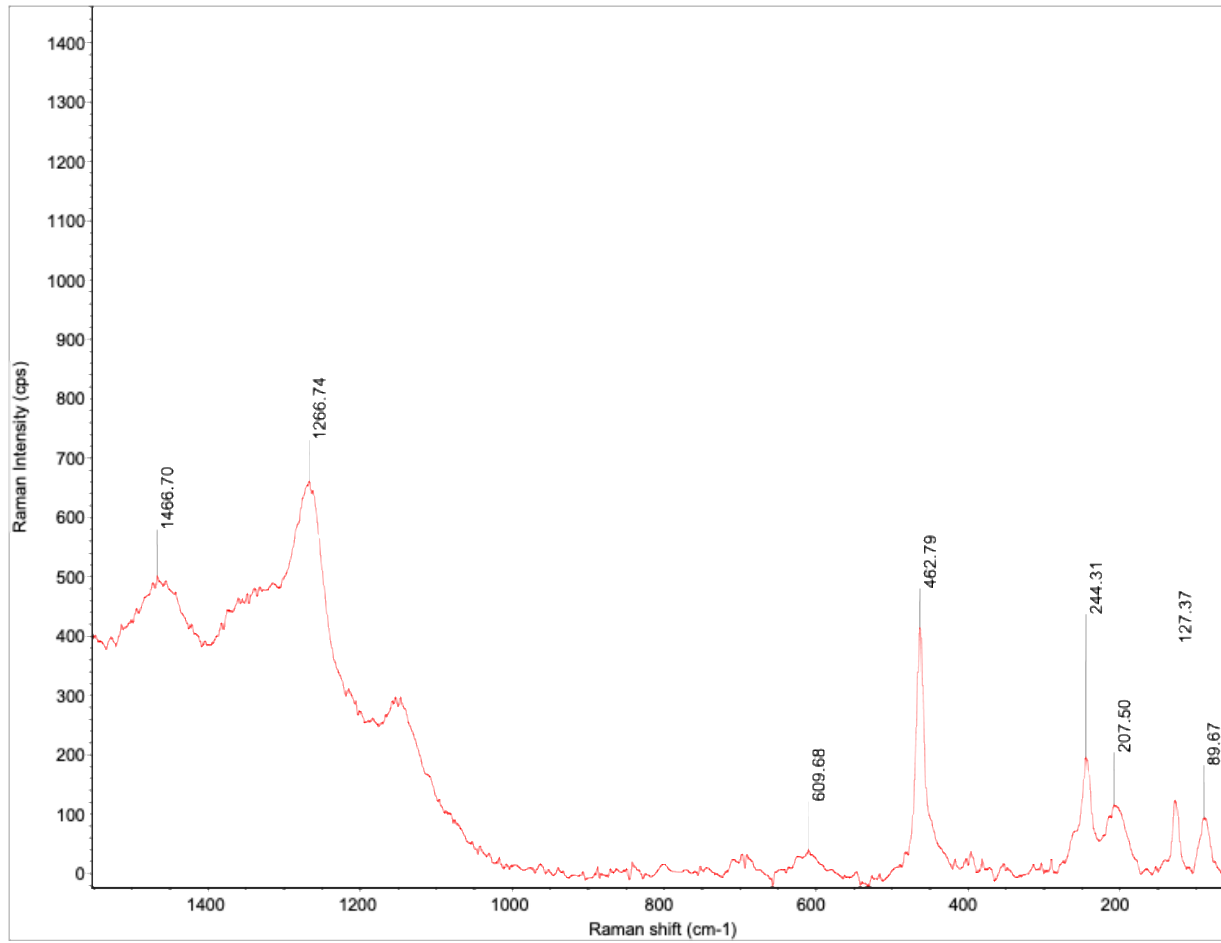
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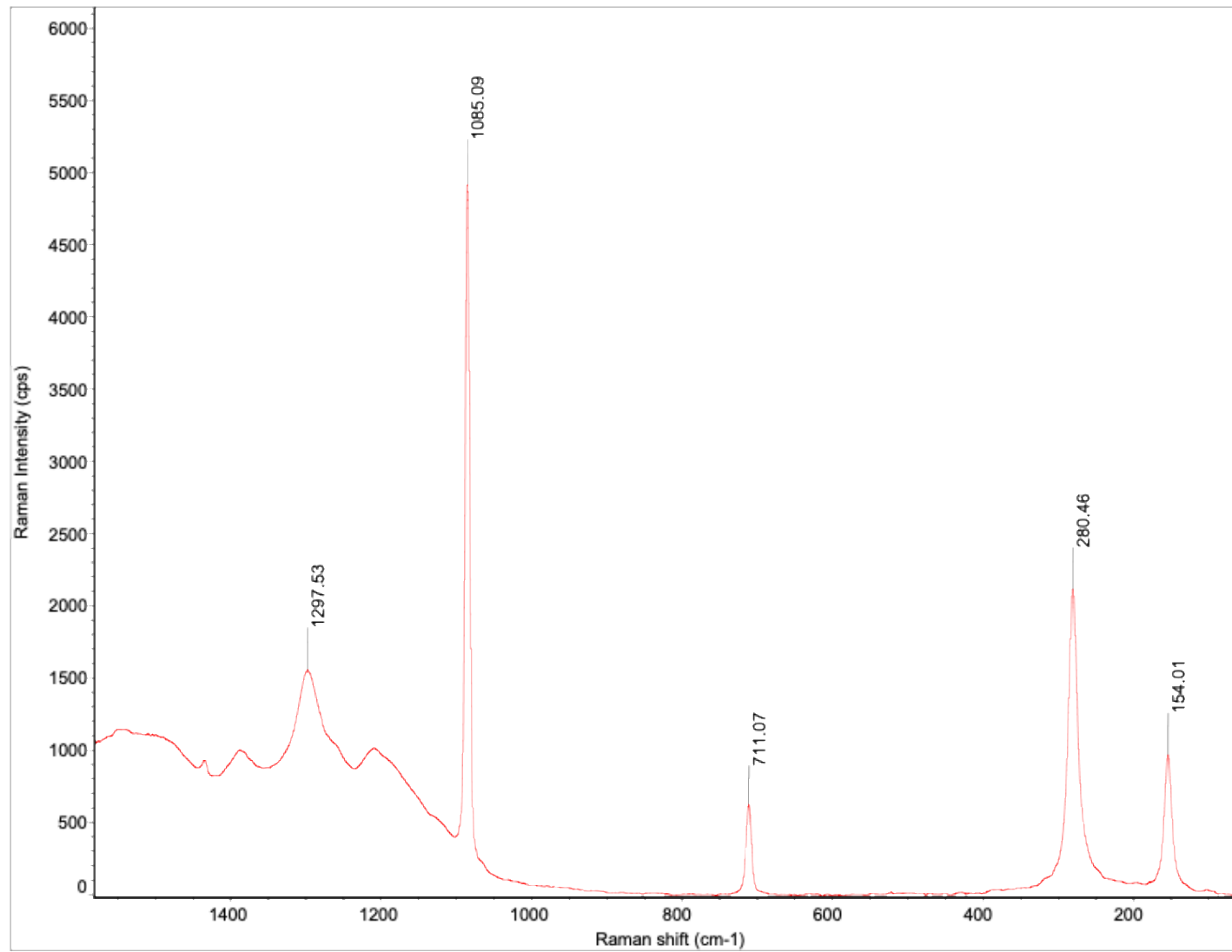
Sandstone



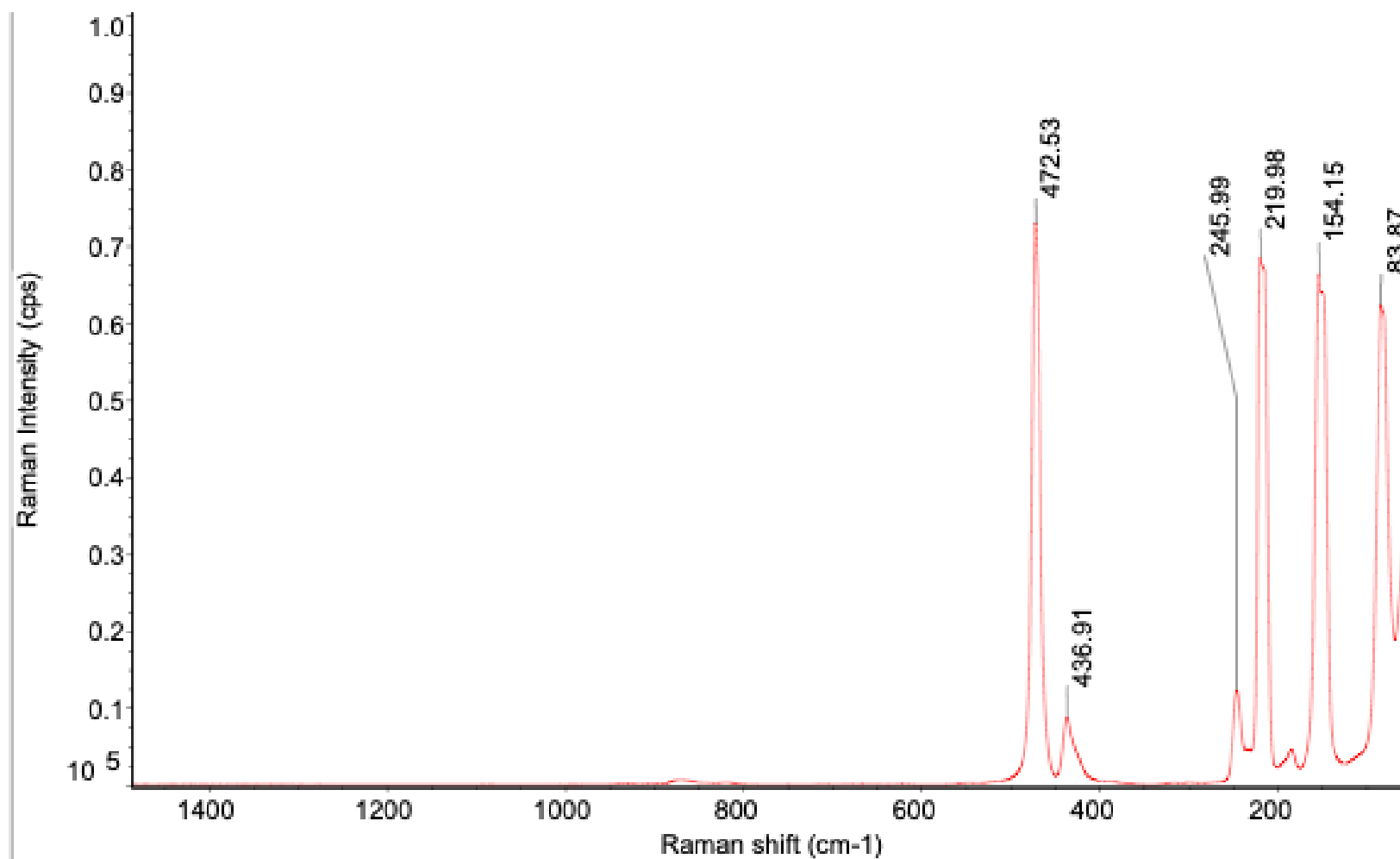
Schist



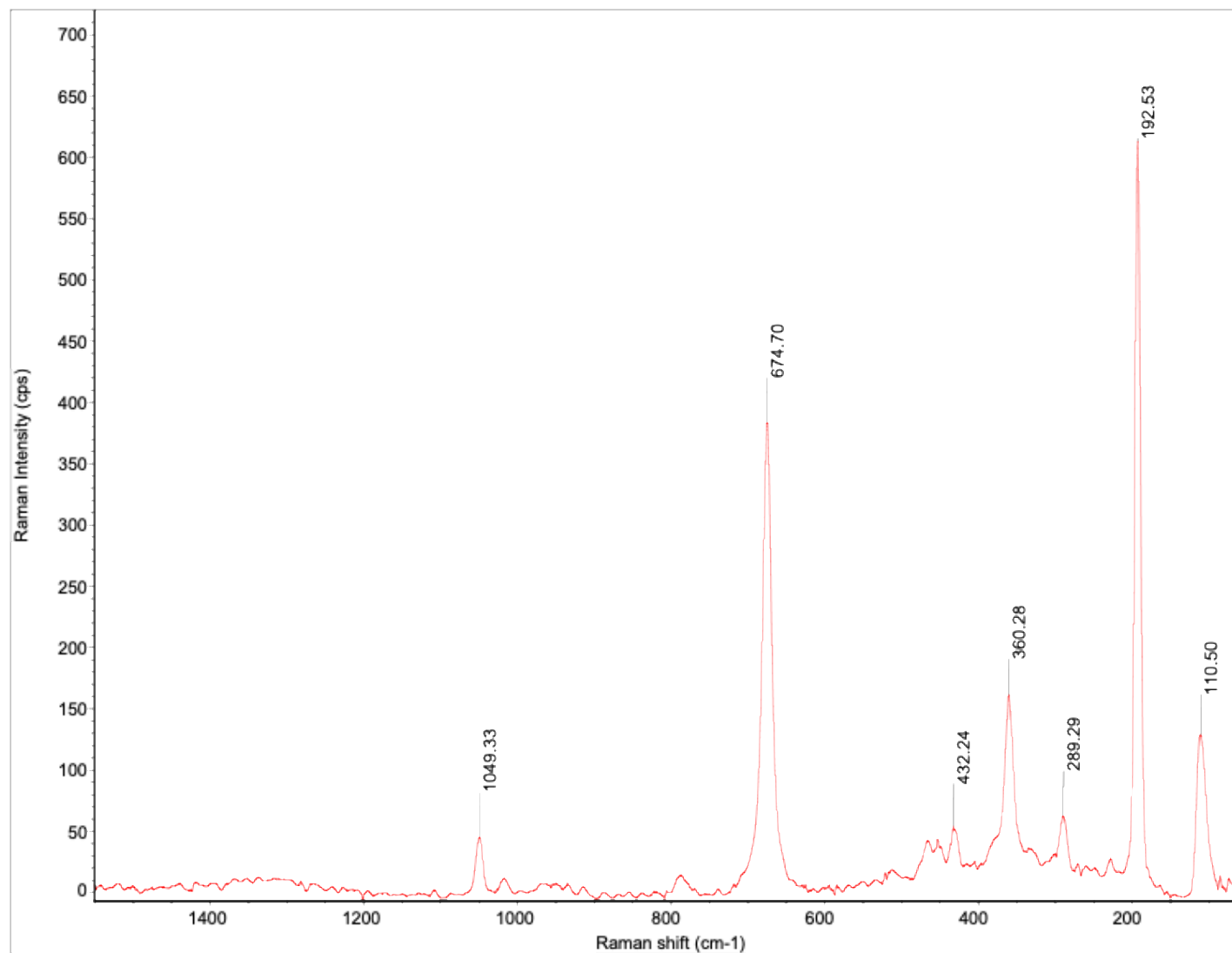
Serpentine



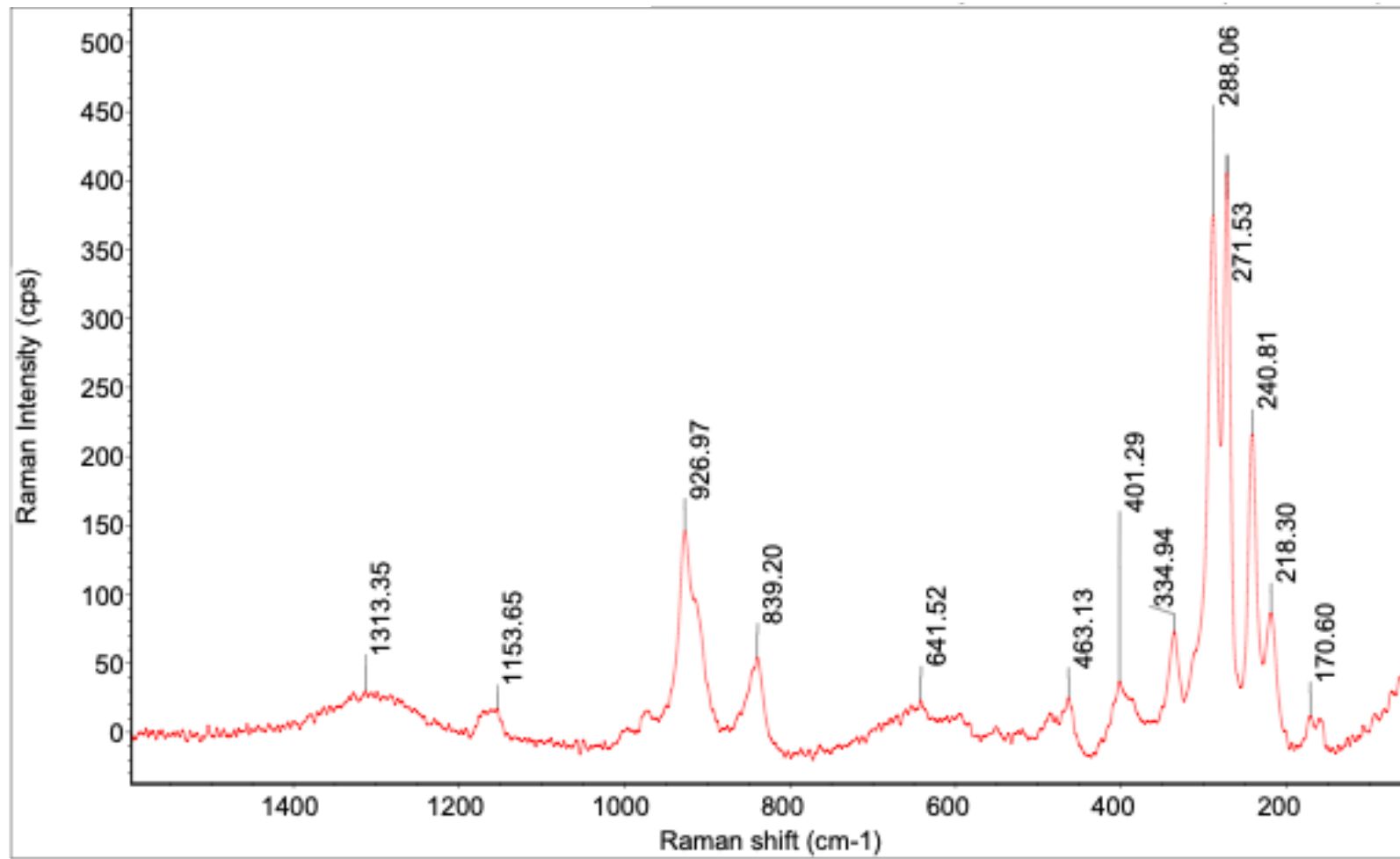
Sulphur



Talc



Topaz



Parameters of Thermo Scientific DXR2 Raman Microscope:

These are the parameters unless otherwise stated

Parameter	Value
Objective	10x
Laser wavelength	785 nm
Laser	On
Laser Power (max 30 mW)	20.0
Aperture	50 μm slit
Grating	400 Lines/mm
Estimated Resolution	4.7 – 8.6 cm^{-1}
Estimated Spot Size	3.1 μm
Allowed Range	3371 to 13 cm^{-1}
Min Range Limit (cm^{-1})	50
Max Range Limit (cm^{-1})	3350

*Basalt was done at a laser power of 25.0 mW