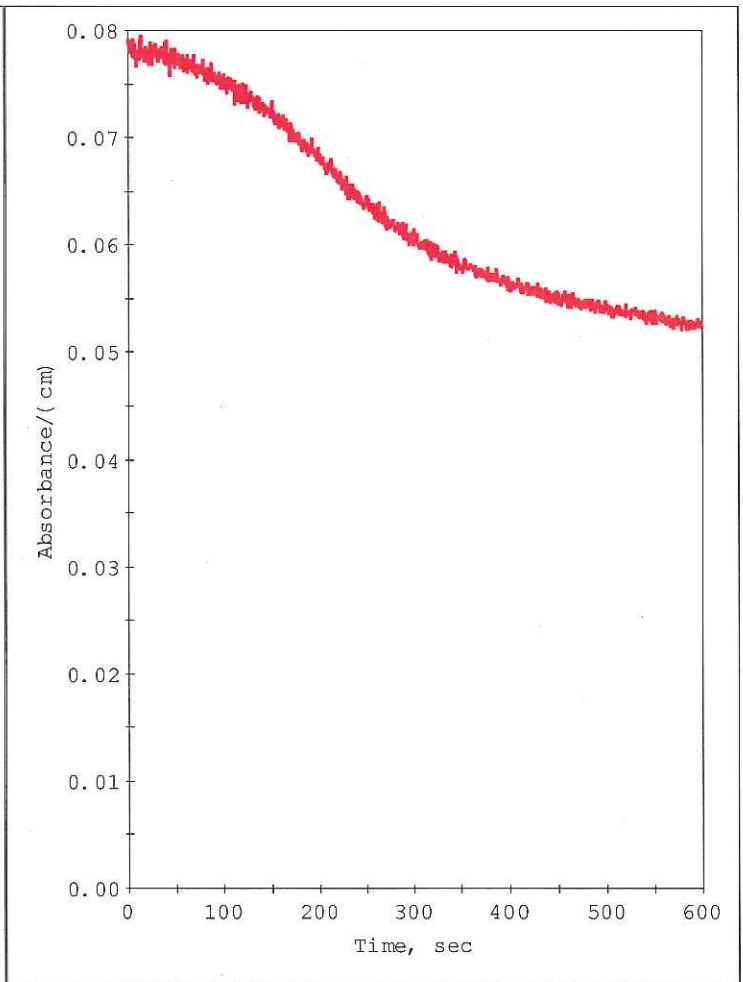
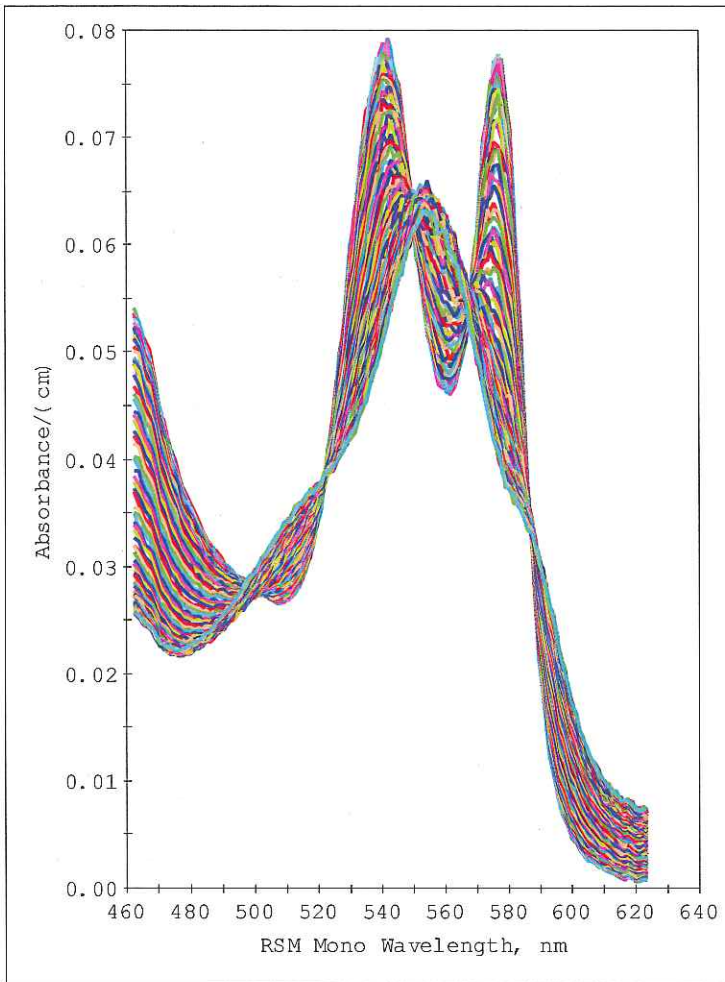


RBC 10 min deoxygenating

Data name: RBC 10 min deoxygenating
 File name: C:\ChiefData\Data sent to Larry\2013-04-17_Larry more RBC experiments\RBC 10 min deoxygenating.ols
 Created: 4/17/2013 1:03:39 PM



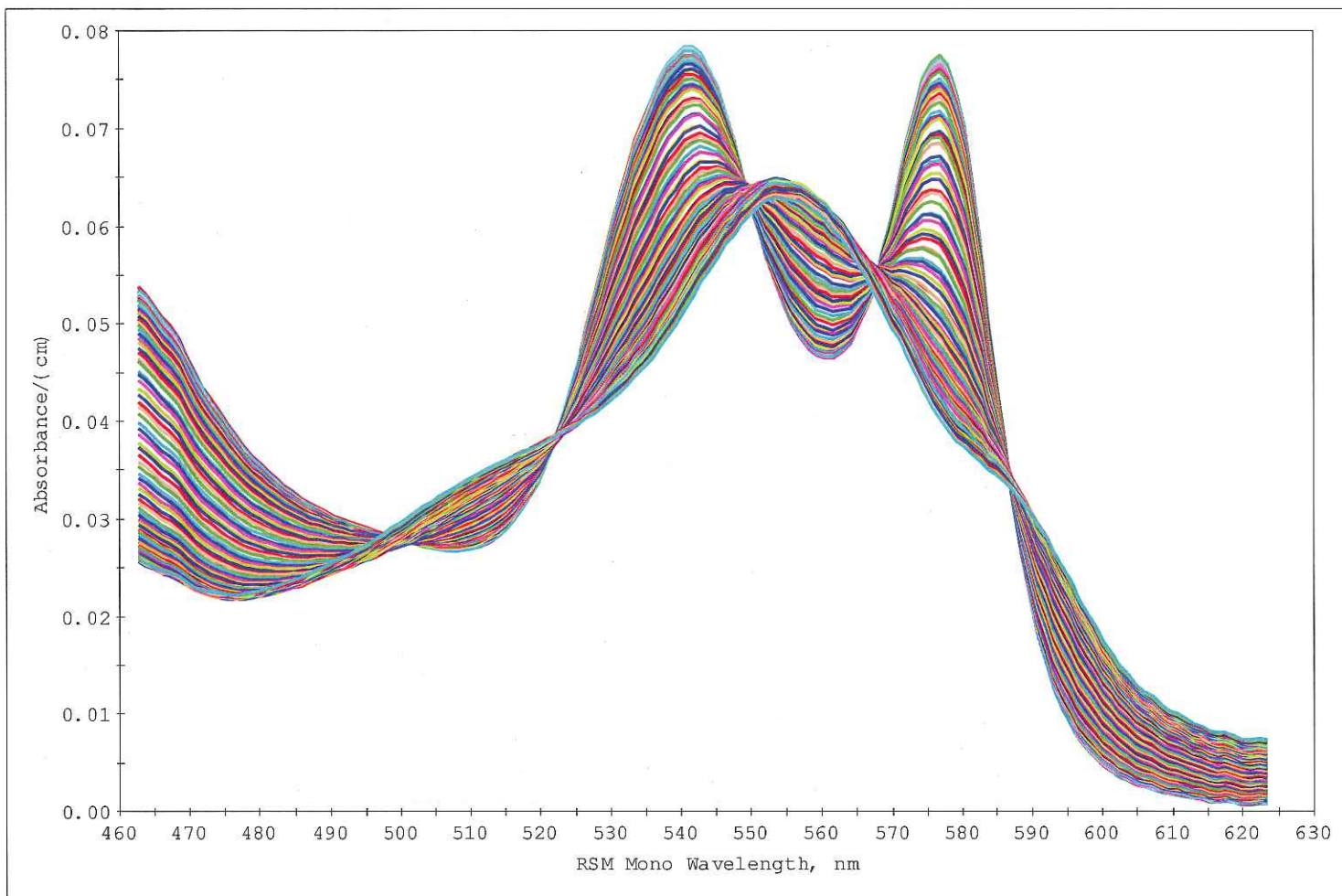
Instrument RSM
 Collection mode: Rapid Scanning
 RSM Mono at = 550 nm (400 lines/mm)
 Collected Wavelength range: [462.616nm] to [623.456nm]
 Cal.Lambda = -2
 Timing mode: Constant Time
 Total Collection Time: 600.0 sec.
 Apply Baseline: True
 Active DCDevices: PMT 1 (red), PMT 2 (blue)
 Reduction mode: Absorbance/(cm)
 Repeated Scans as fcn of: None
 Scan mode: Fixed Slitwidth and HV(s)
 (PMT 1 HV=441, PMT 2 HV=396, Slit width = _____ mm (manual))
 Average Mode::3 2.1 scans/sec

*Absorbance spectra as
 HbO₂ in RBCs
 dissociates -*

*Larry - I asked for these prints from the Clarity
 and O₂ dye system so that you can see
 directly what we see - Pretty nice absorbance data -
 Dick*

RBC 10 min deoxygenating SVD cleanup

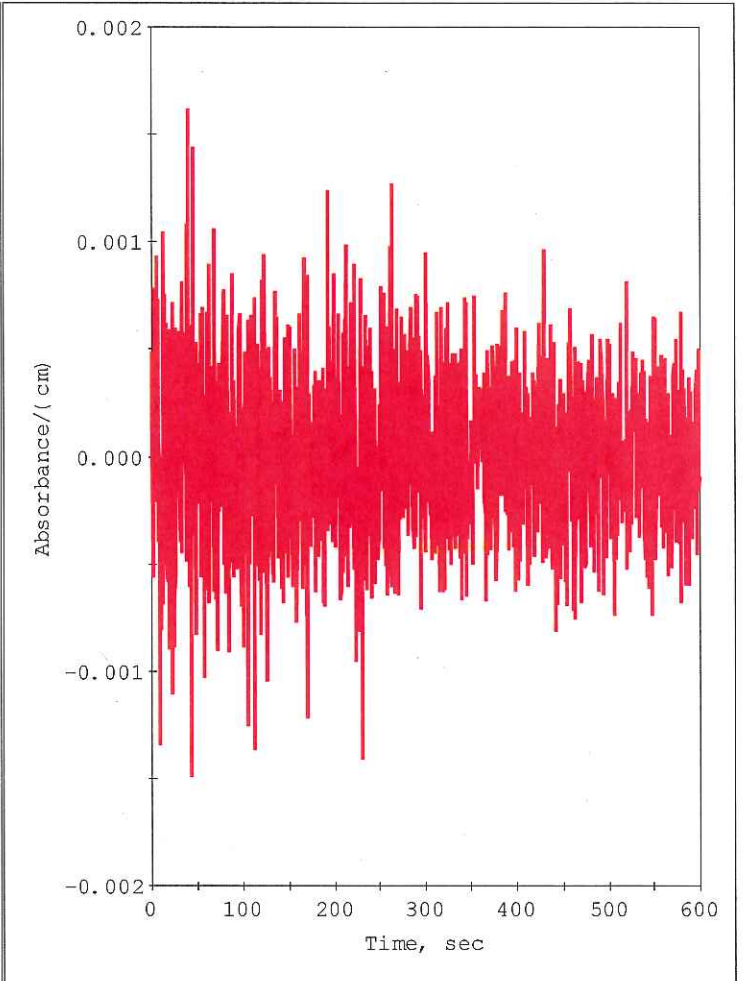
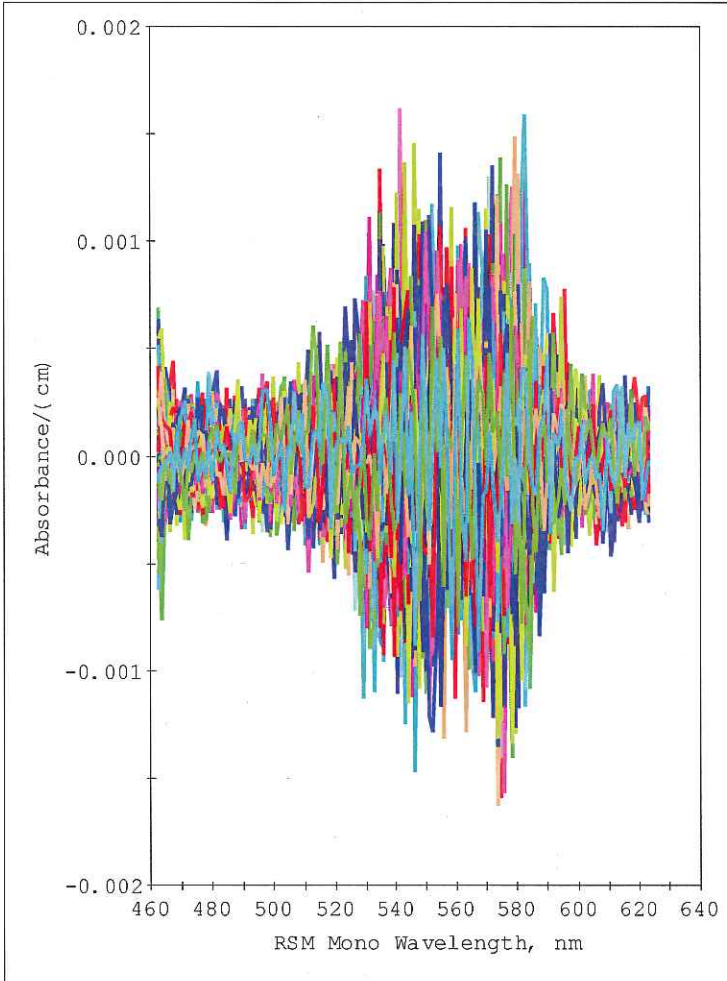
Data name: RBC 10 min deoxygenating SVD cleanup
File name: C:\ChiefData\Data sent to Larry\2013-04-17_Larry more RBC experiments\RBC 10 min deoxygenating SVD cle
Created: 5/21/2013 5:22:16 PM



*Same data after SVD and rebuild 3D -
The SVD provides a very nice noise
reduction with no distortion in the data*

RBC 10 min deoxygenating-Diff after SVD

Data name: RBC 10 min deoxygenating-Diff after SVD
File name: C:\ChiefData\Data sent to Larry\2013-04-17_Larry more RBC experiments\RBC 10 min deoxygenating-Diff after
Created: 5/21/2013 5:22:16 PM



↑
 original 3D data set
 minus
 SVD rebuilt data set — shows that noise is removed and no distortion or alteration in the scans.
 "Perfect noise reduction"

Oxygen Report

Print

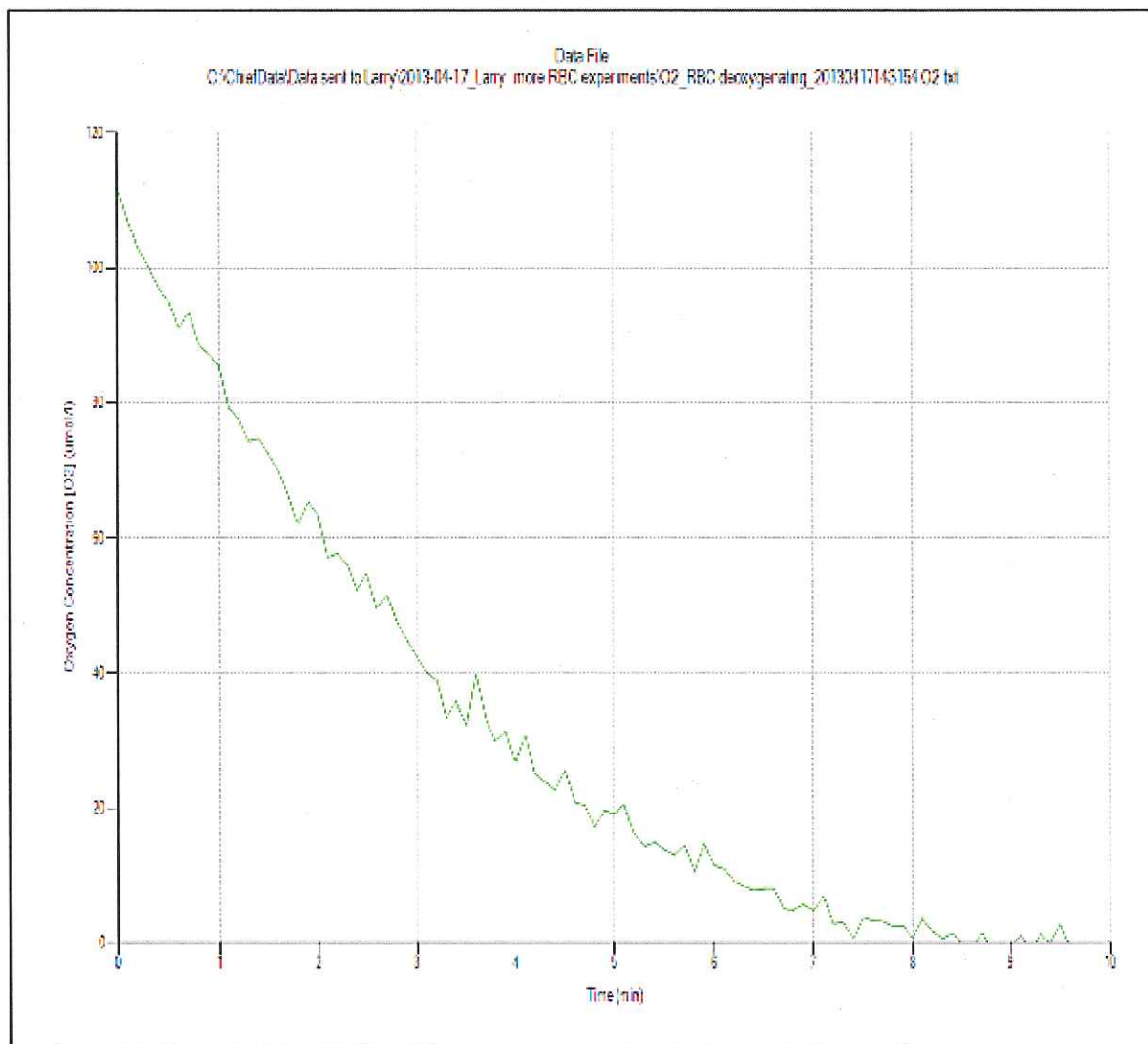
Print Preview

File Path : C:\ChiefData\Data sent to Larry\2013-04-17_Larry more RBC experiments

File Name : O2_RBC deoxygenating_20130417130338.O2.txt

Acquired : Wednesday, April 17, 2013 1:03:38 PM

Total Number of Pts : 102



*O₂ data as presented by the
O₂ dye measurement system.*