

2019 Elemental Analyzer Reproducibility Report

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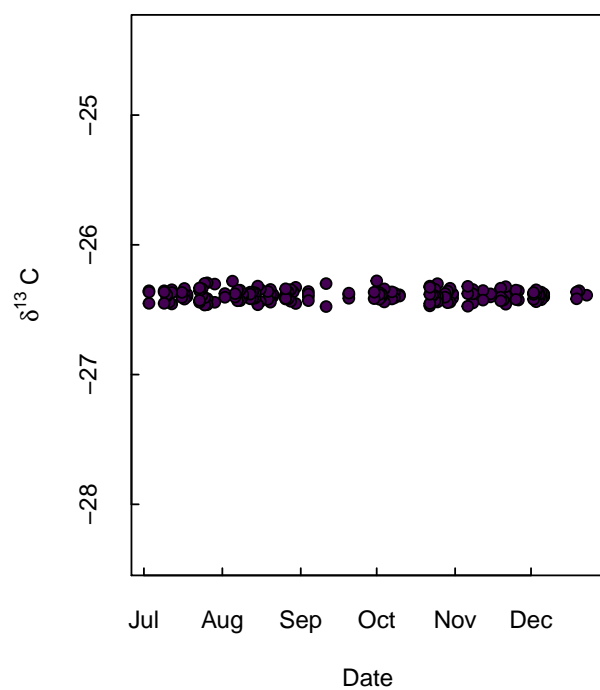
December, 11, 2020

Report Setup

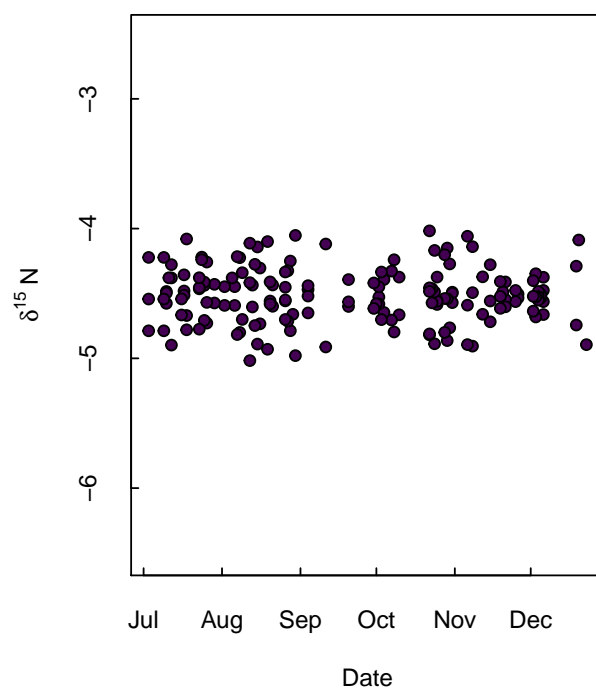
Table 1: Summary statistics and total number of analyses for commonly used reference materials.

Sample	$\delta^{13}C_{mean}$	$\delta^{13}C_{sd}$	$\delta^{15}N_{mean}$	$\delta^{15}N_{sd}$	$C\%_{mean}$	$C\%_{sd}$	$N\%_{mean}$	$N\%_{sd}$	n
bad	-28.41	0.21	-0.44	0.40	71.07	1.57	10.75	1.04	64
acetanilide									
costech	-28.38	0.23	-0.83	0.40	71.26	1.98	10.27	0.37	264
acetanilide									
EA sed	-29.07	0.10	3.57	0.44	7.09	0.35	0.49	0.03	163
MB squid	-18.72	0.07	11.96	0.16	41.90	1.52	11.54	0.35	47
peach	-26.68	0.74	1.94	0.44	48.49	1.10	2.81	0.04	9
USGS 40	-26.39	0.04	-4.51	0.21	39.84	0.96	9.40	0.23	168
USGS	36.56	0.09	47.56	0.31	40.04	0.84	9.50	0.23	149
41a									

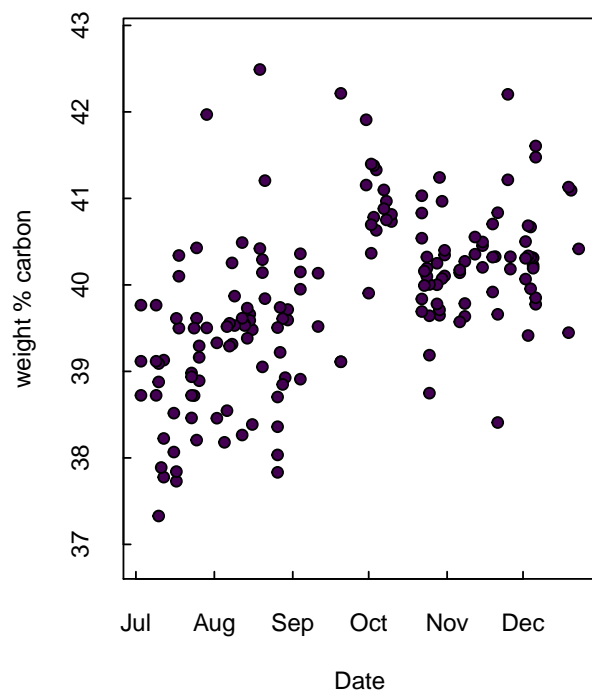
USGS 40



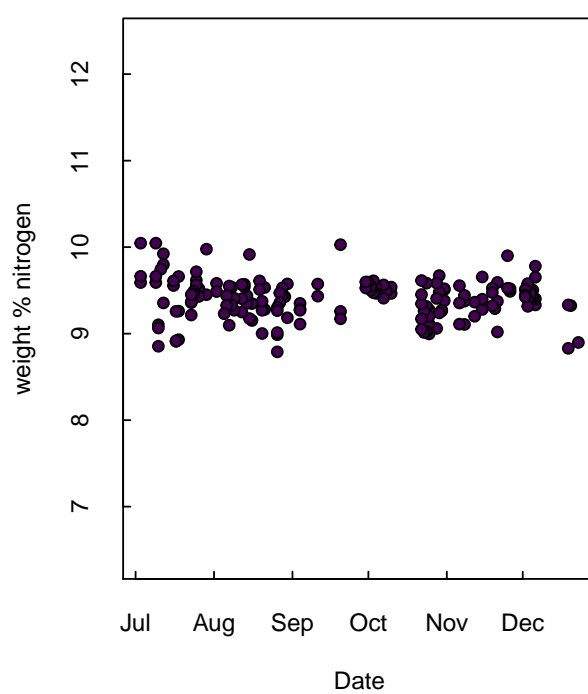
USGS 40



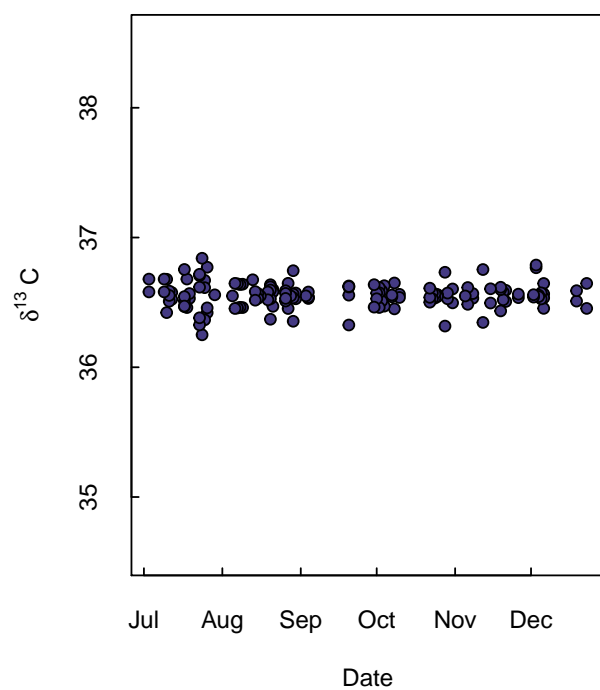
USGS 40



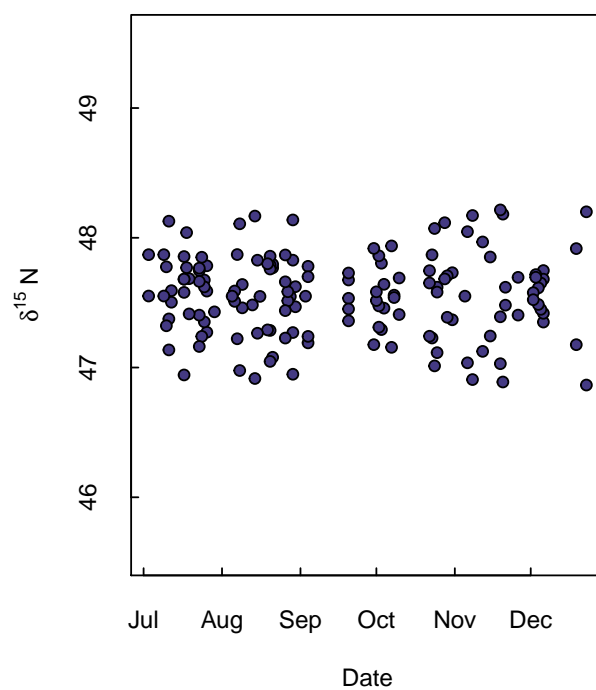
USGS 40



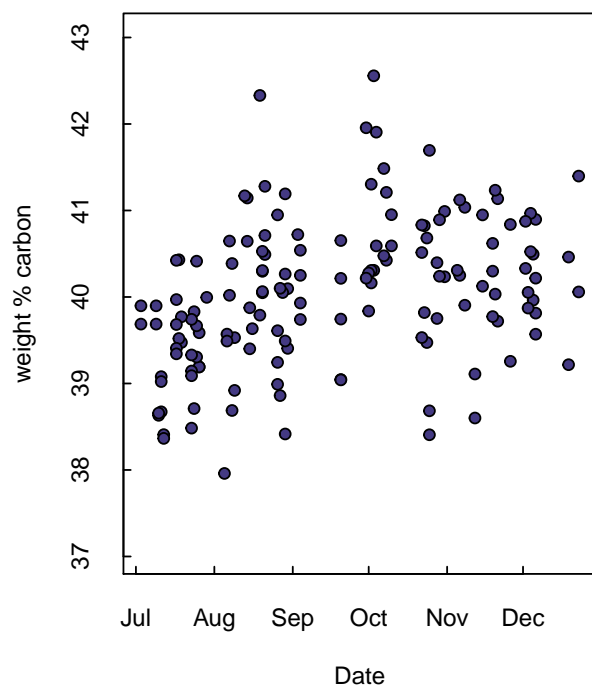
USGS 41a



USGS 41a



USGS 41a



USGS 41a

