

Carbon	Sample	Peak Area	H₂O Conc.	x_A	y_A	C_A air	air T in vial
yes/no	(#)	(mV-s)	(mg/L)	mol T/mol H ₂ O	mol T/mol air	mol T/ L air	mol
no	T1	53996	88.137	1.728E-05	8.638E-03	3.653E-04	1.827E-04
no	T2	11648	19.013	3.727E-06	1.863E-03	7.881E-05	3.940E-05
no	T3	10418	17.005	3.333E-06	1.667E-03	7.048E-05	3.524E-05
no	T4	9736	15.892	3.115E-06	1.557E-03	6.587E-05	3.293E-05
yes	T5	1686	2.752	5.394E-07	2.697E-04	1.141E-05	5.703E-06
yes	T6	0	0.000	0.000E+00	0.000E+00	0.000E+00	0.000E+00
yes	T7	1365	2.228	4.367E-07	2.184E-04	9.235E-06	4.618E-06

Sample (#)	Removal Efficiency (%)
T5	84.1%
T7	87.1%
T6	100%