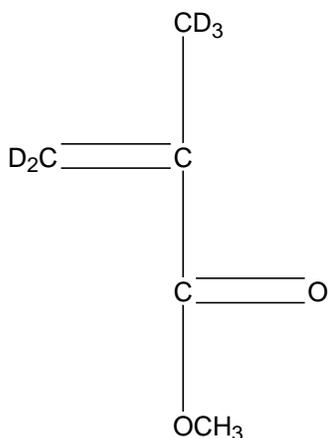


Sample Name: Deuterated d5 Methylmethacrylate (back bone deuterated) methyl ester protonated D5

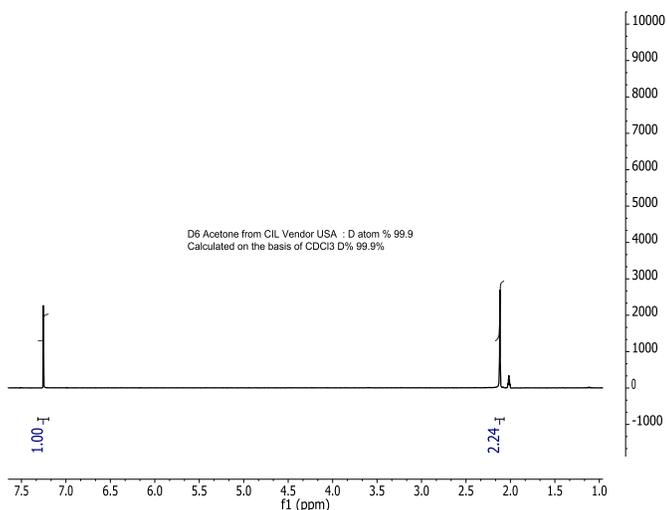
Sample #: d5MMA



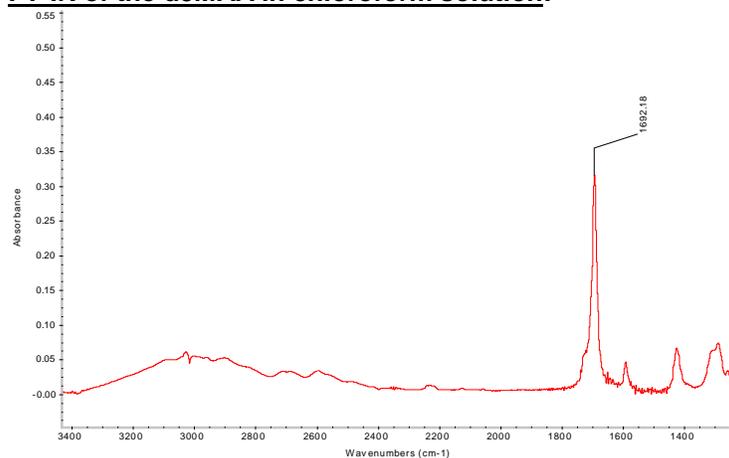
Characterization:

FW	105.1
Chemical Purity	> 99%
D atom purity	> 98%

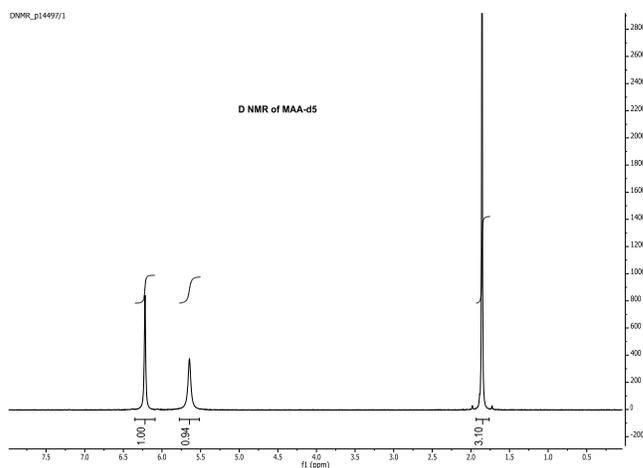
D5MAA is obtained from d6 Acetone :
 D6Acetone obtained from CIL USA:
 Vendor reported values D atom % 99.9 and
 Chemical purity > 99.9%
 Lot# 9D-517
 D % calculated from H NMR of the product
 based on CdCl₃ D5 99.9%



FT-IR of the d5MAA in chloroform solution:



²D NMR: d5MAA used in the synthesis of D5MMA



¹H NMR: presence of H analog is based on CdCl₃ (H) integration based on D atom % 99.9

