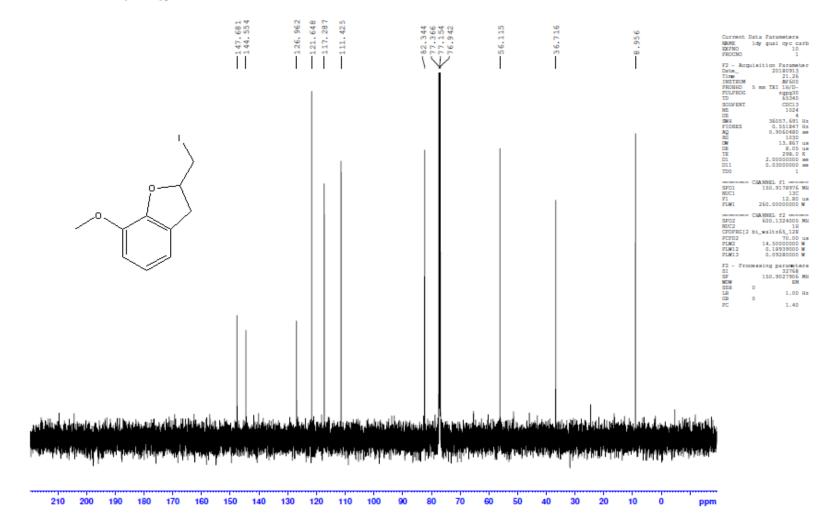
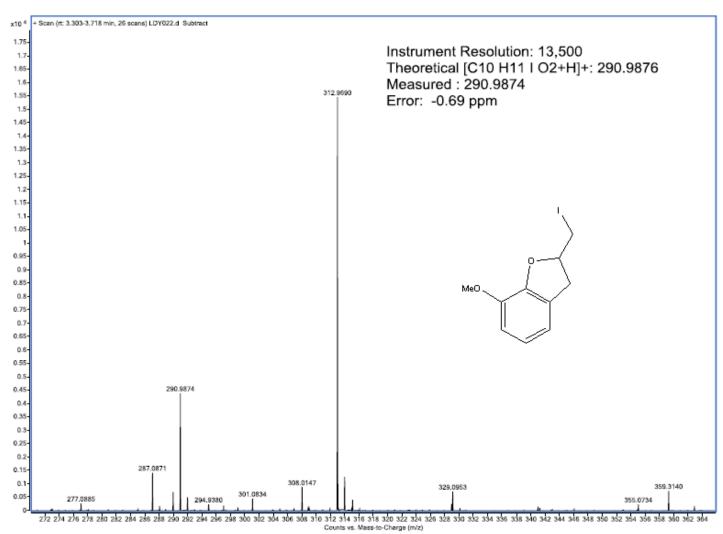
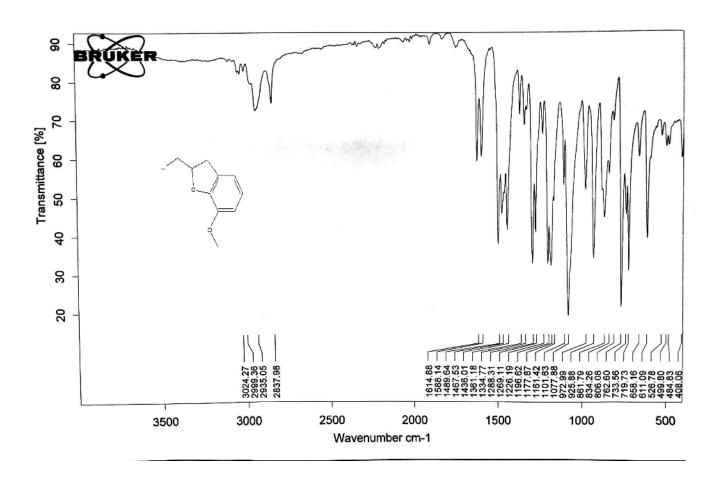
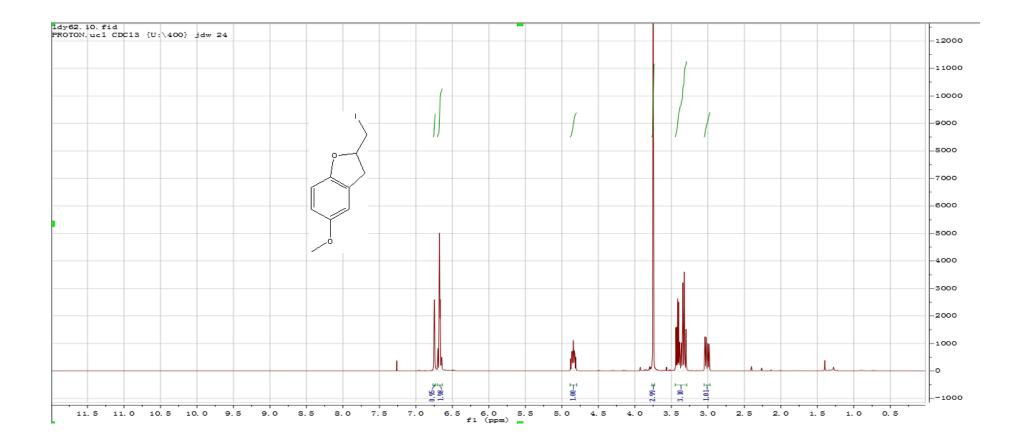


## C13CPD.ucl CDCl3 {W:\600} jdw 58

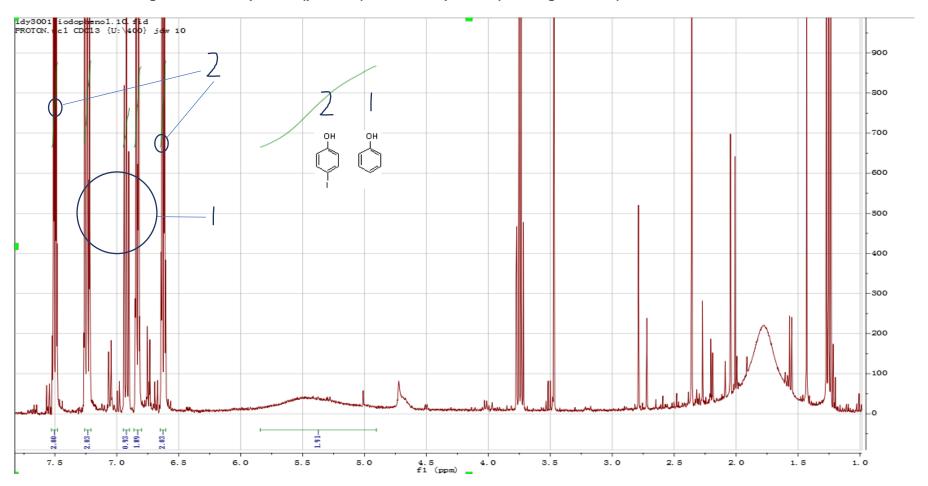






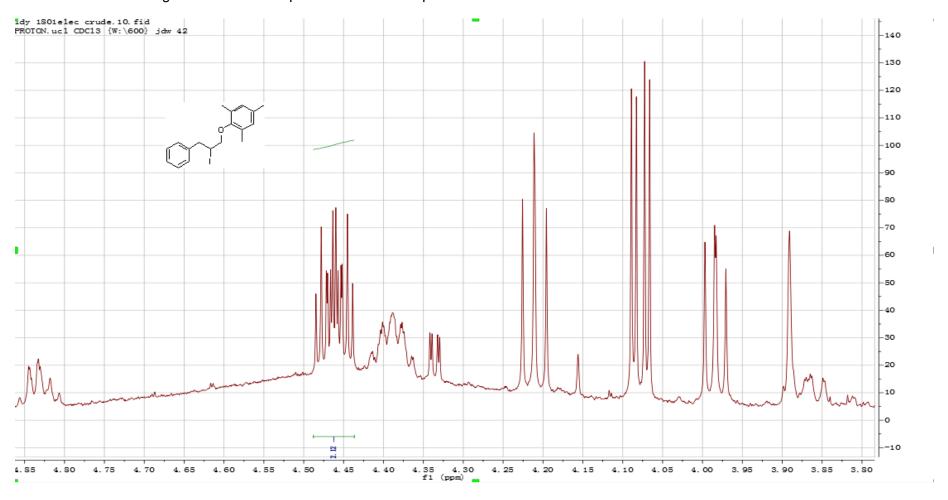


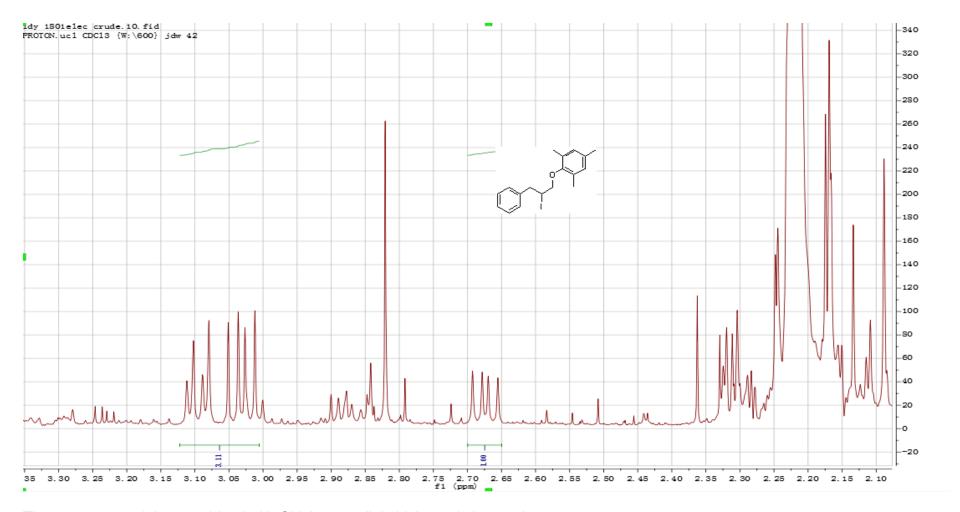
## Crude NMR showing a mixture of phenol (product) and 4-iodophenol (Starting material)



For the aromatic part of this NMR spectrum, the middle three peaks pertaining to phenol (1), the left and right peaks belong to 4-iodophenol (2)

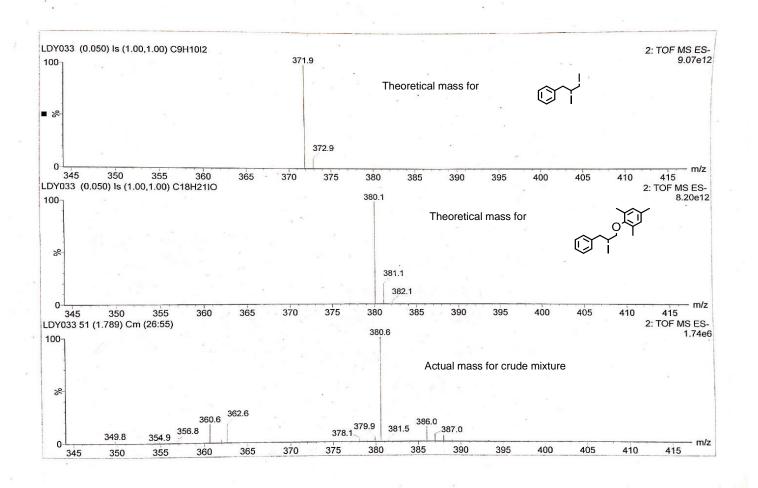
## Crude <sup>1</sup>H NMR showing the characteristic peaks of the bottom product for Scheme 13:

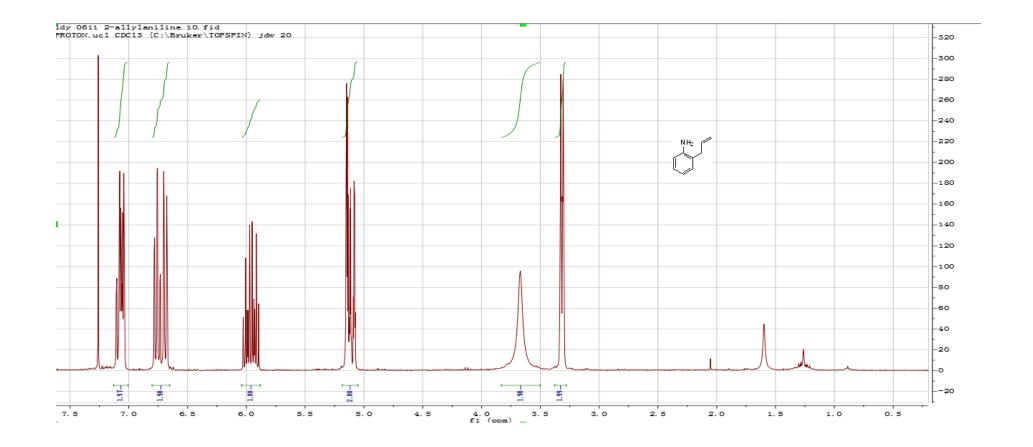


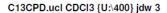


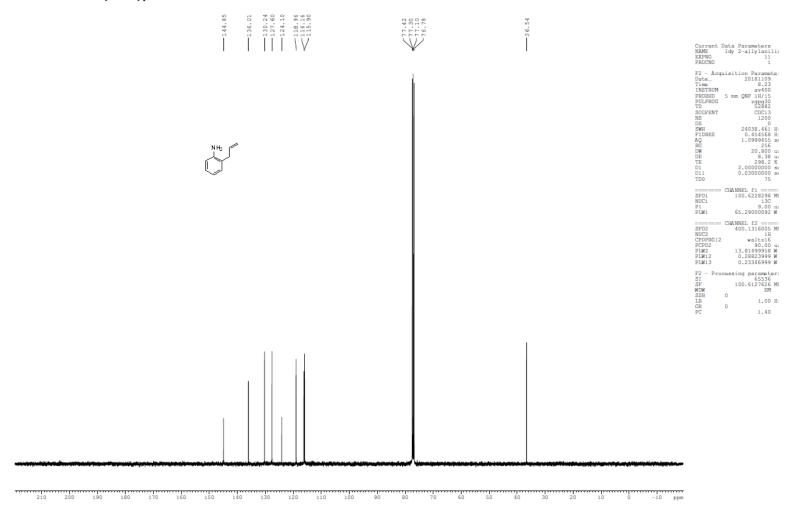
The 4.45 ppm peak has combined with OH, hence a little bit larger in integration

Mass spec below proved the existence of Scheme 13 bottom product:

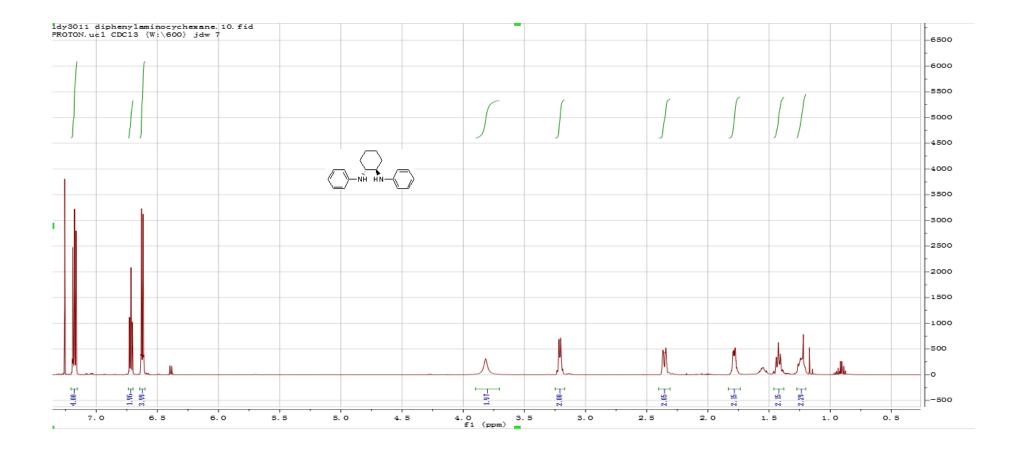




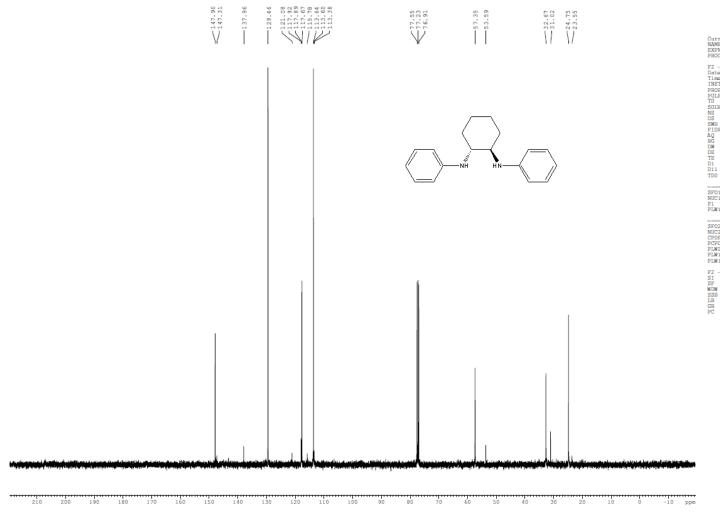




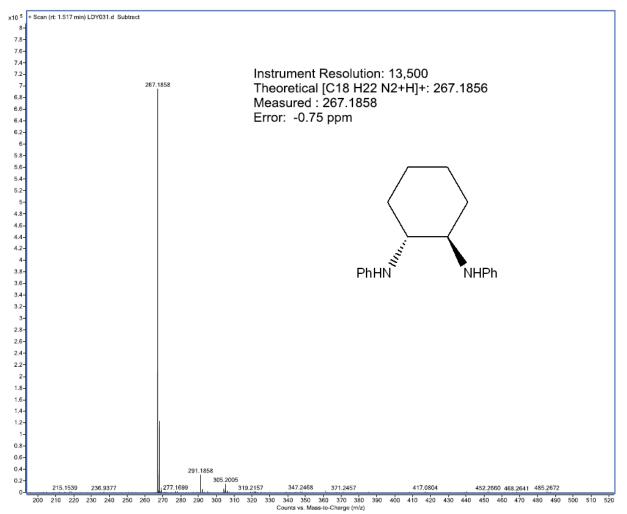
= CHANNEL f2 ===::
400.1316005 MI
1H
2 waltz16
90.00 u.
13.8149995 W
0.28823999 W

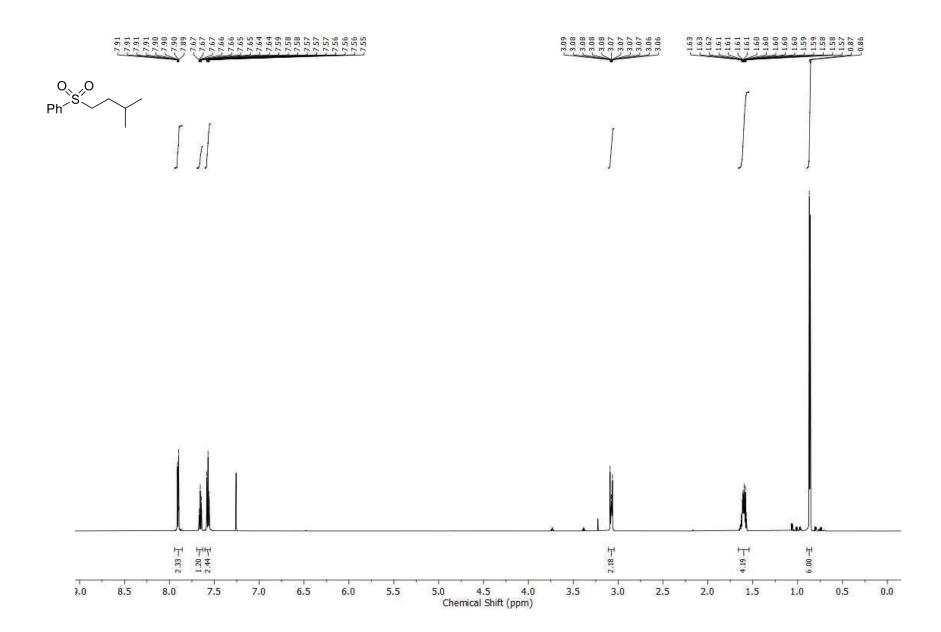


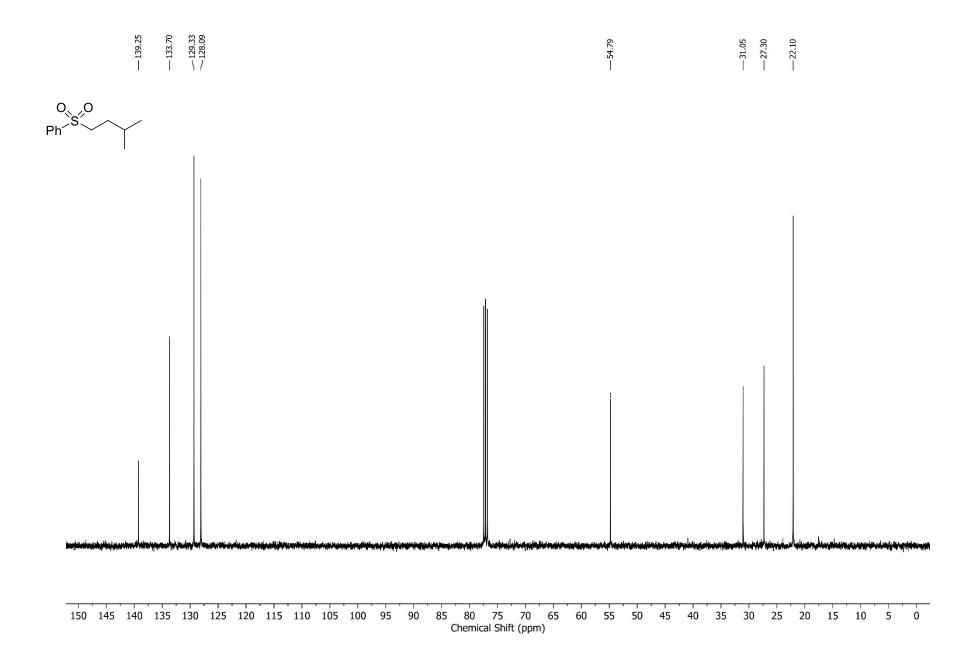
## C13CPD.ucl CDCl3 {U:\400} jdw 16

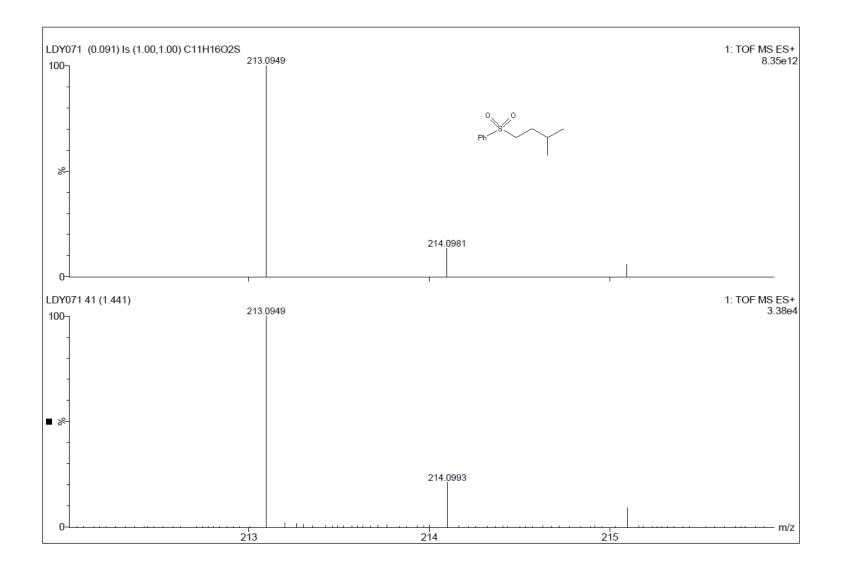


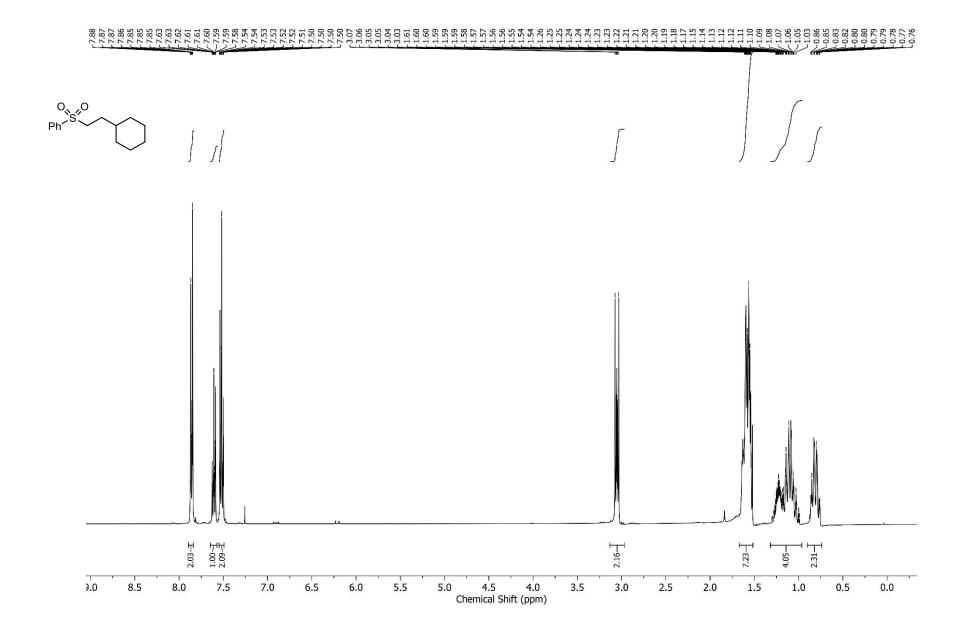
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OCNO					1	
iociro.						
- Acqu	1151					Q:
te			201	906	20	
TIG:				21.		
STRUM				av4		
OBHD	5 m	n Q	NP :	1H/	15	
LPROG			7.0	qpq	30	
				528	82	
LVENT				CDC		
					64	
					0	
H		2	403	0 4		H:
DRES						
DRES			0.4			H
		1	.09			514
				2	56	
			2	0.8	nn	121
			-	8.		u
				298		K
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1		0.	030	nnn	nn.	25.6
10			0.00		64	
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					00	
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DPRG[2			wa	ltz	16	
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W12			288			W
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		100	. 61	276	26	M
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				1.	00	н:
	0					
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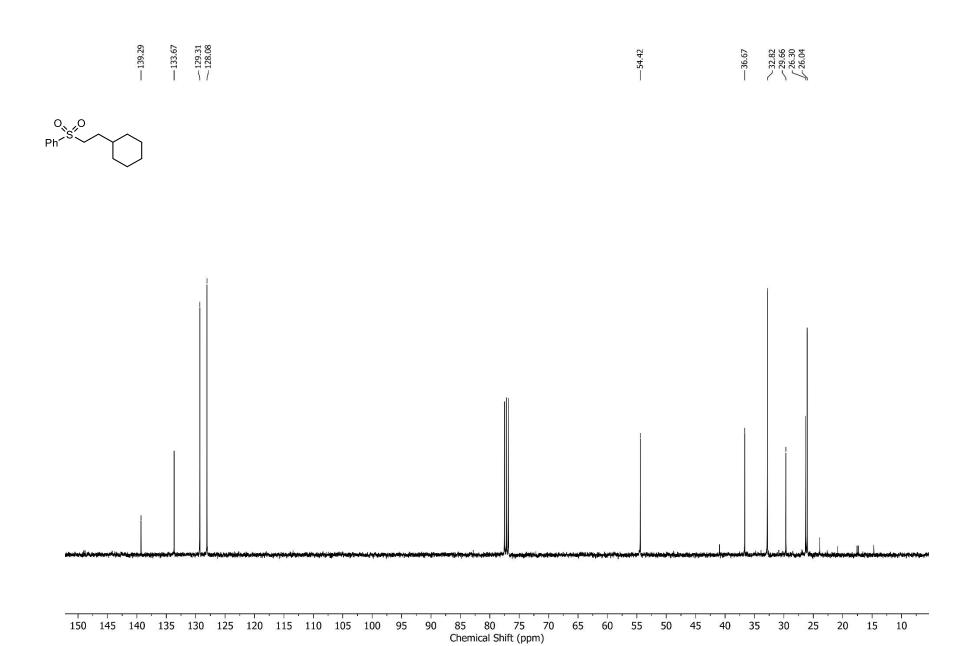




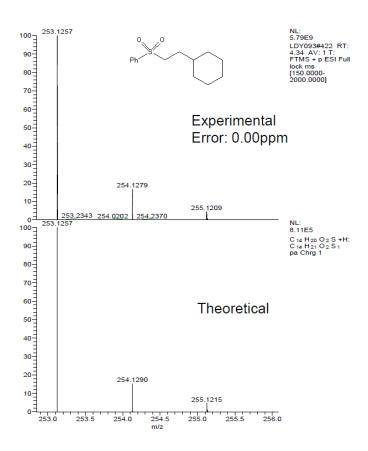


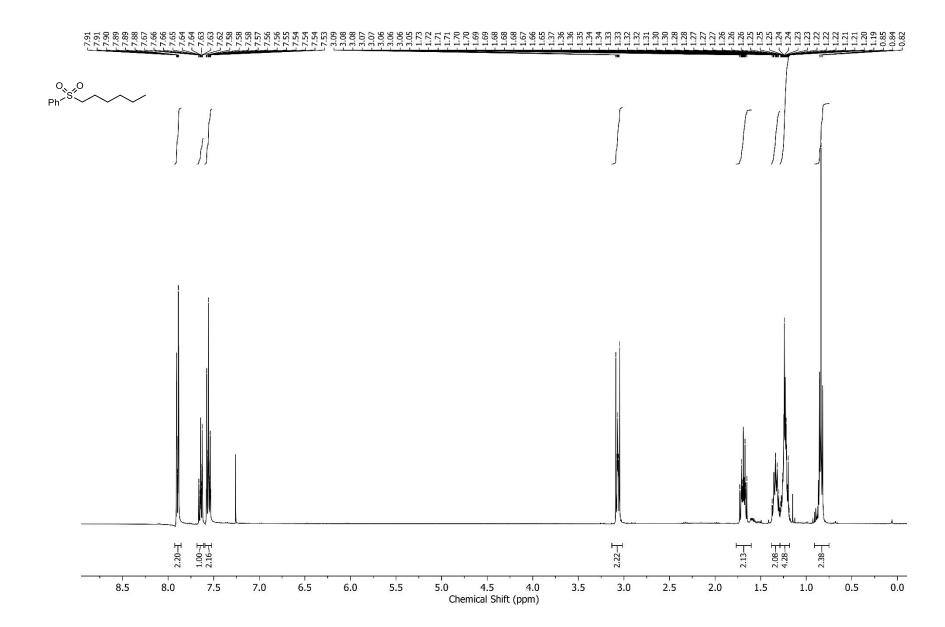


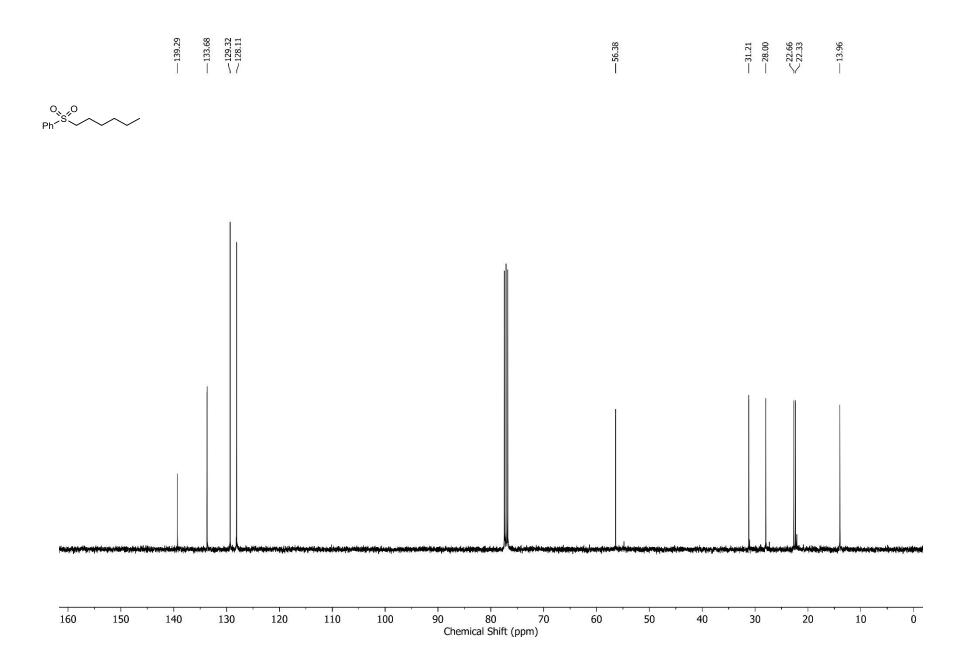


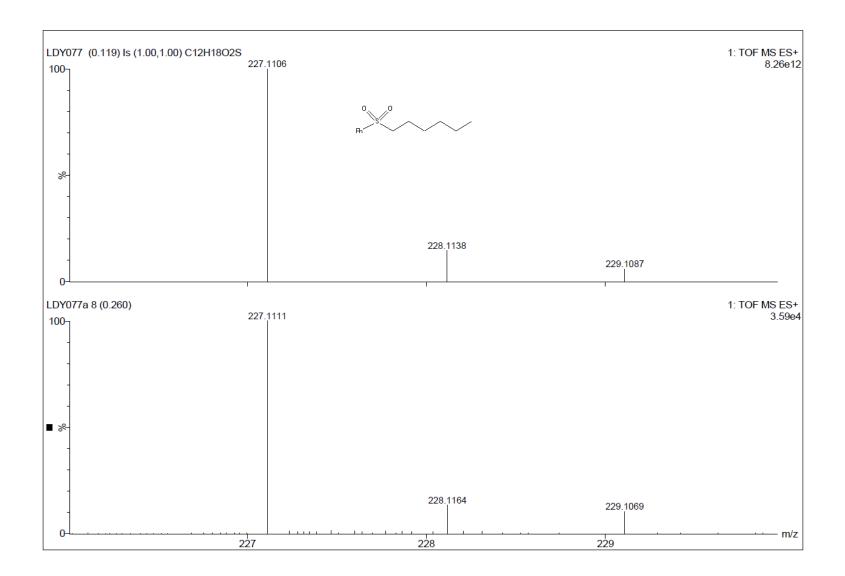


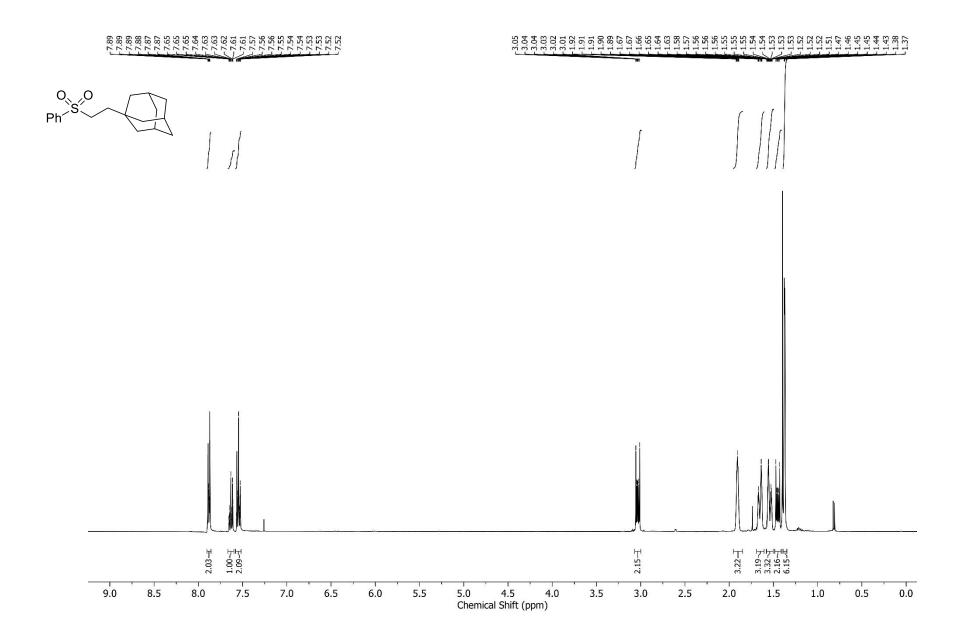
## **UCL Chemistry Mass Spectrometry**

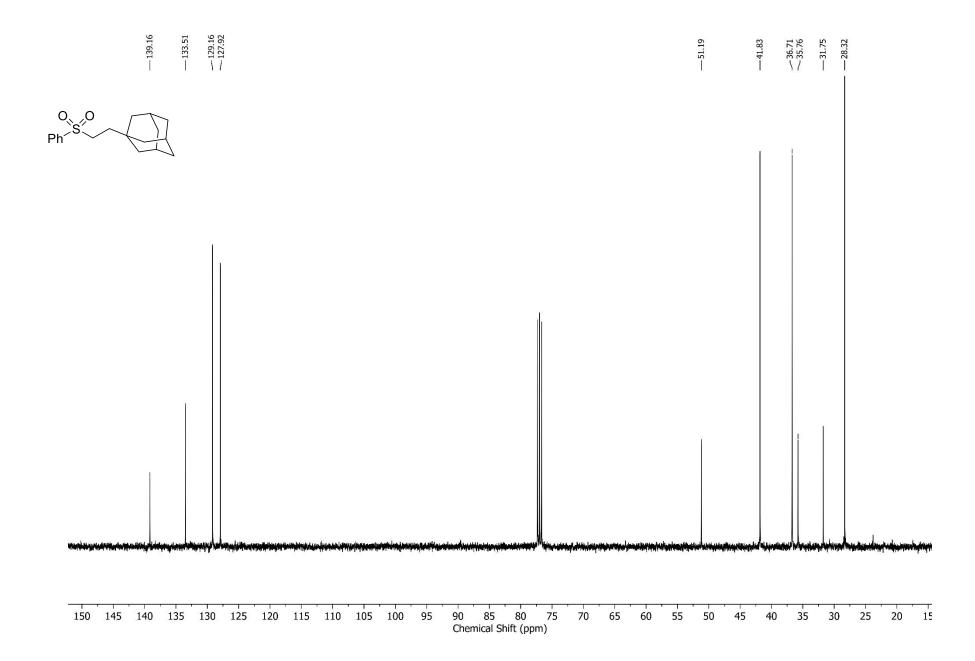




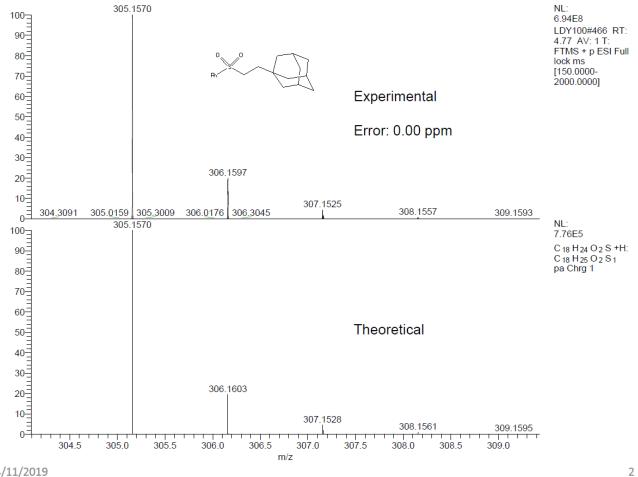




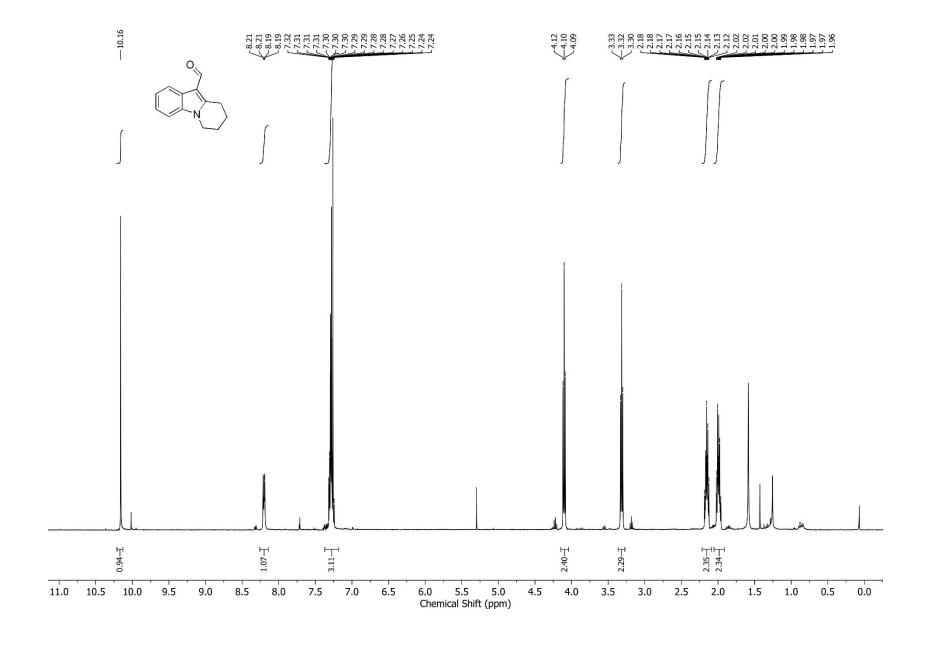


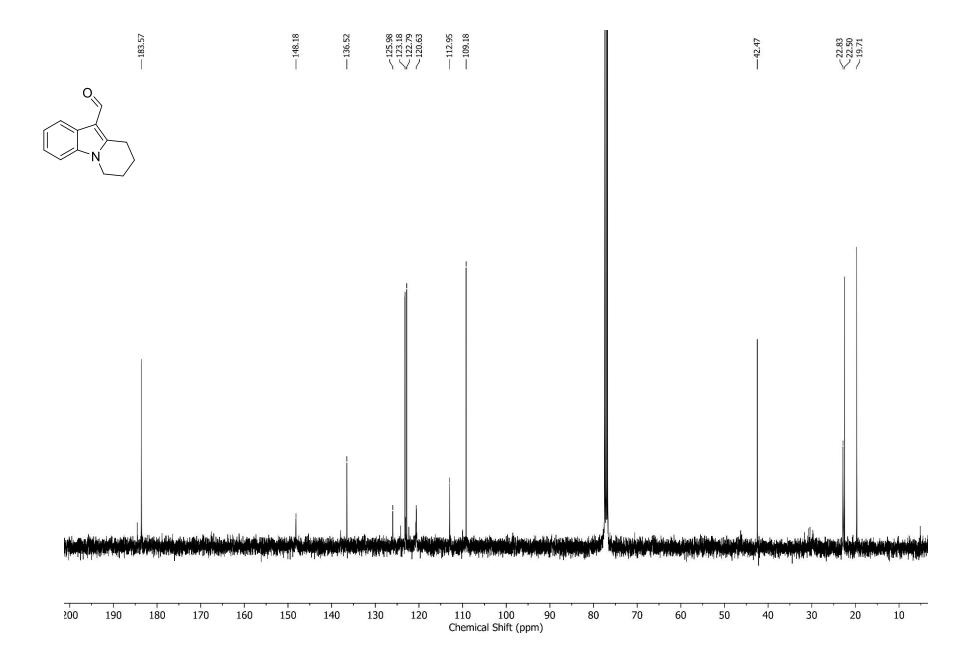


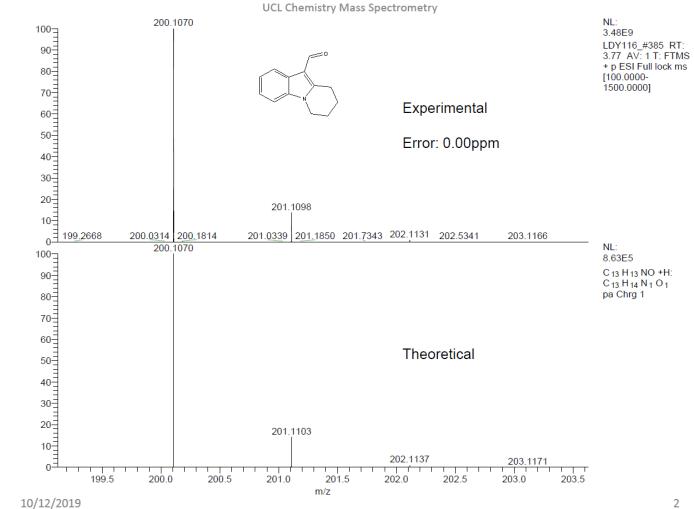
## **UCL Chemistry Mass Spectrometry**



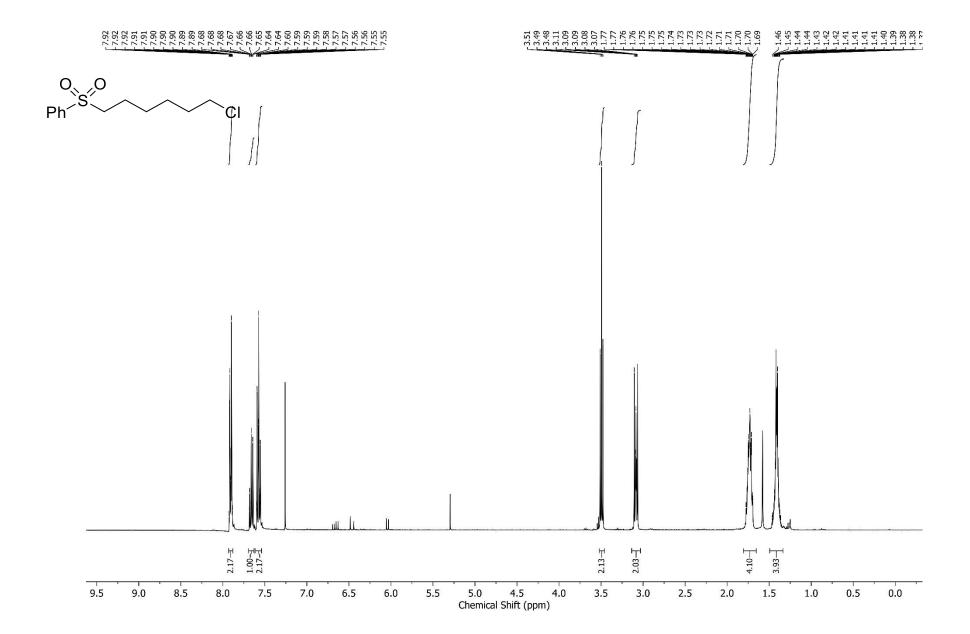
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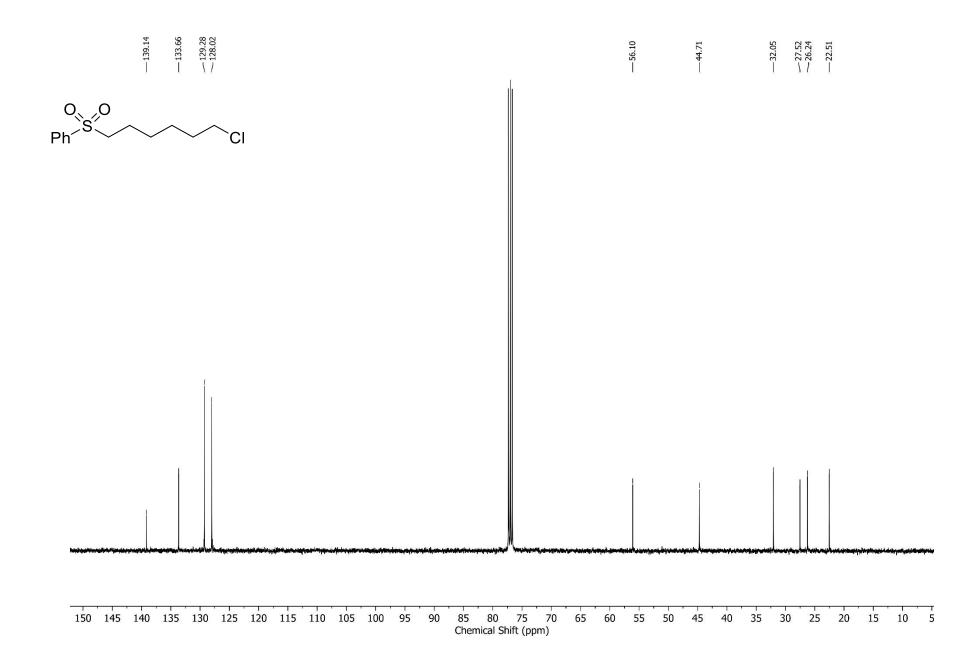




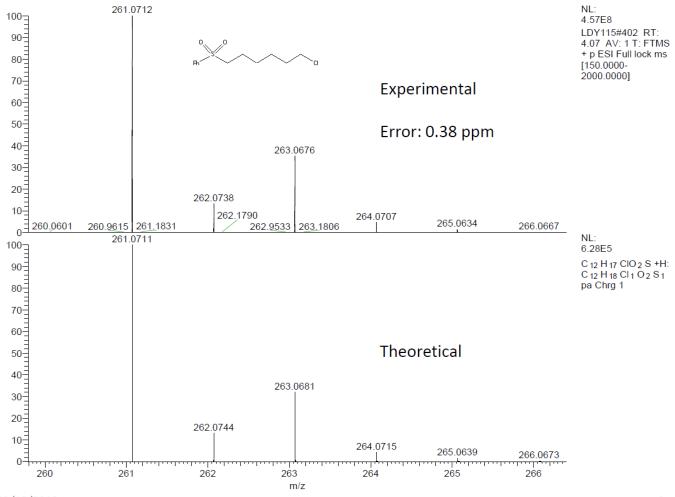


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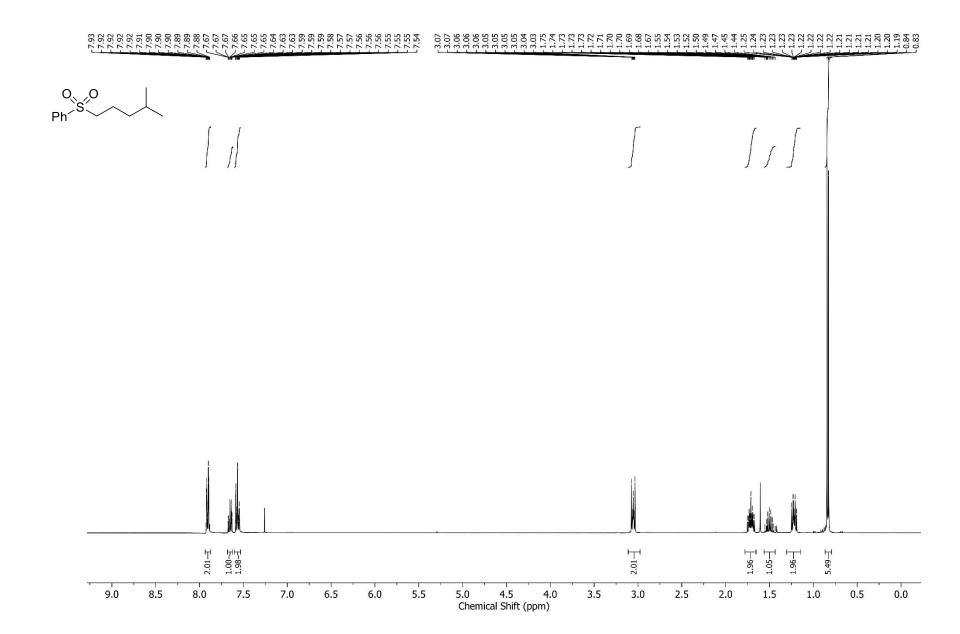




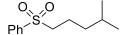
## **UCL Chemistry Mass Spectrometry**

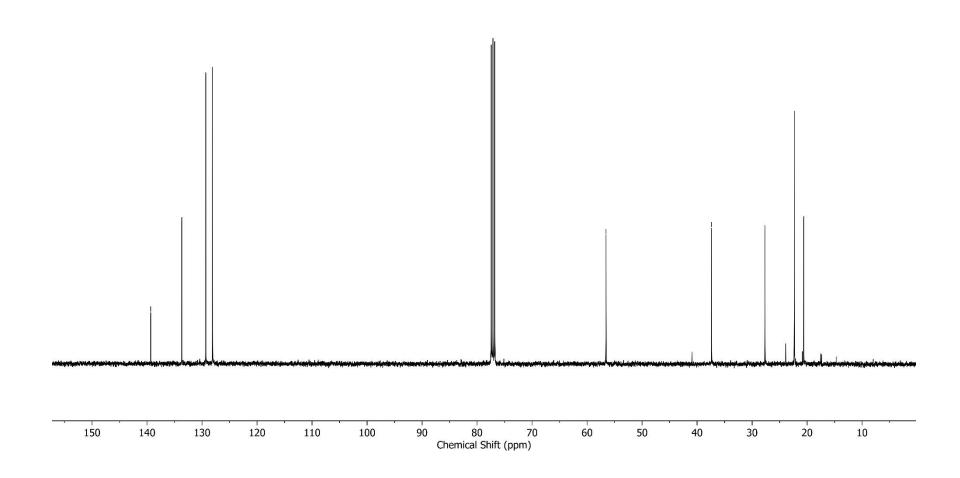


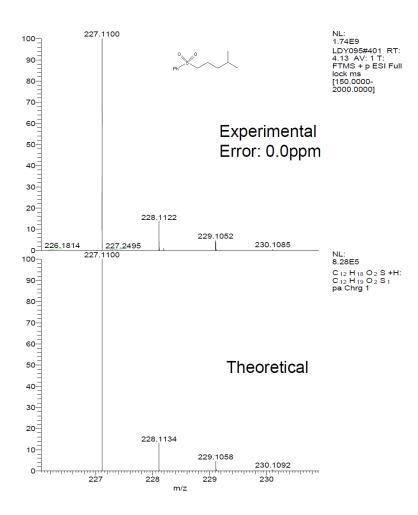
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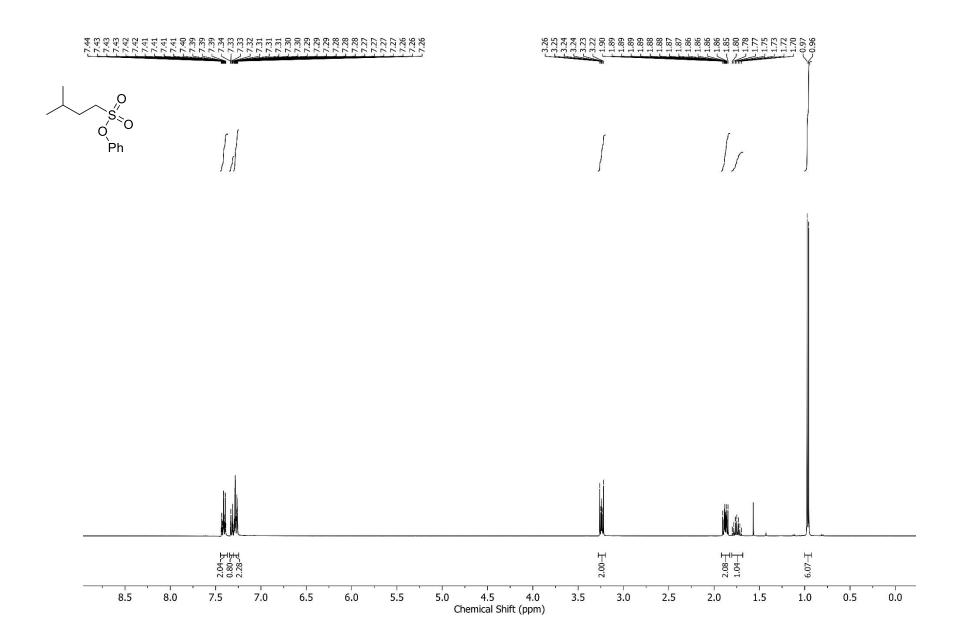


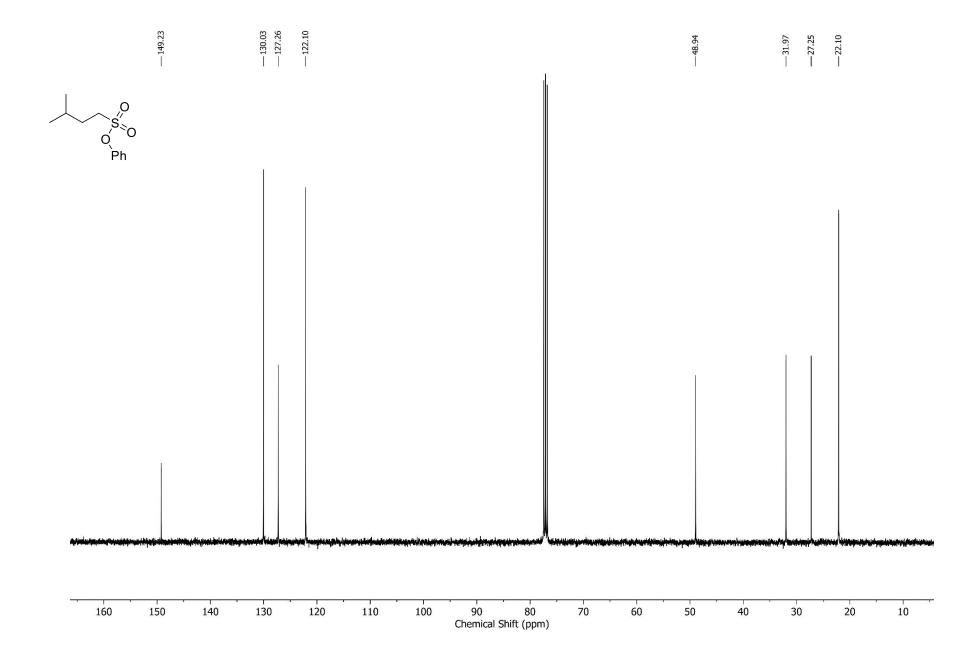


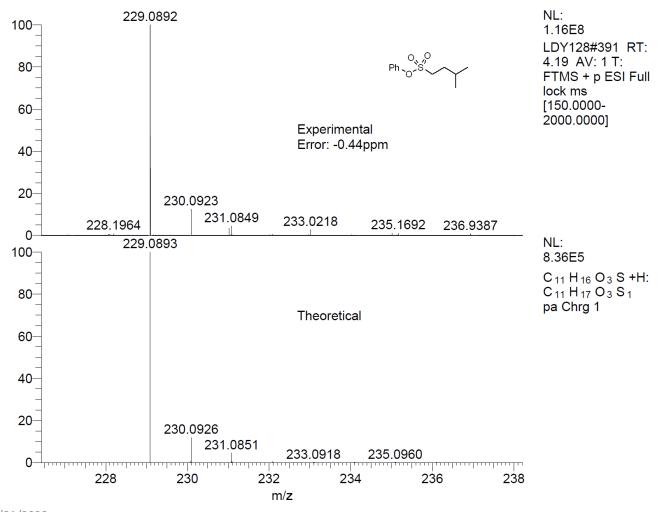


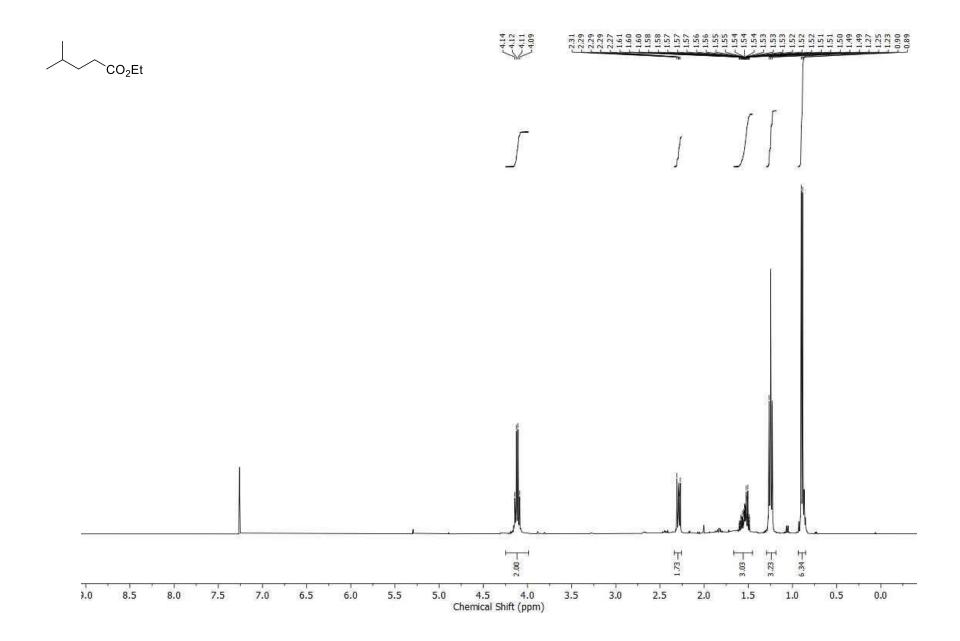


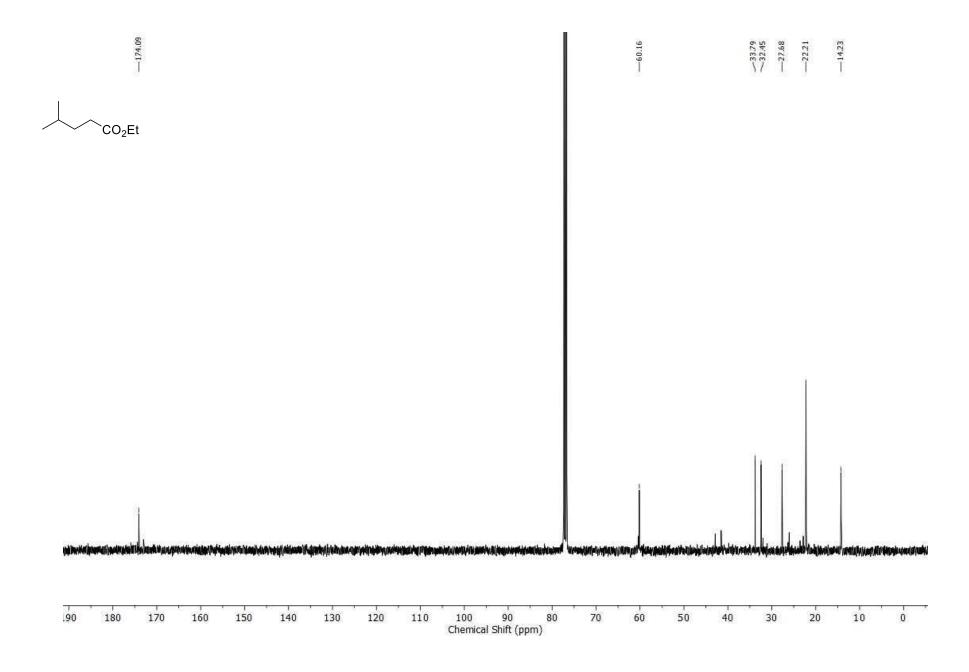


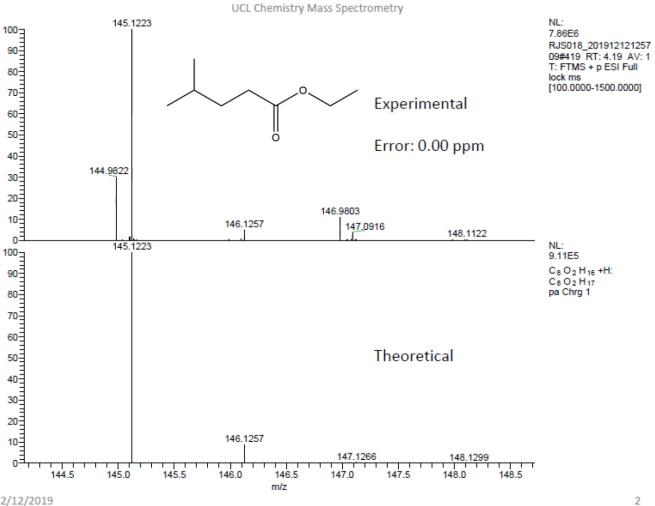




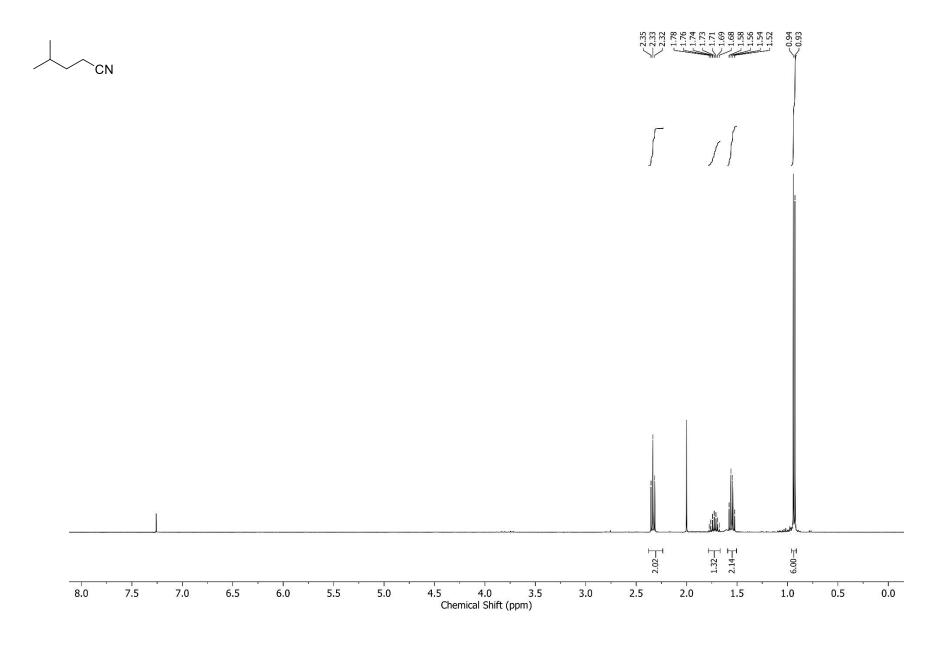


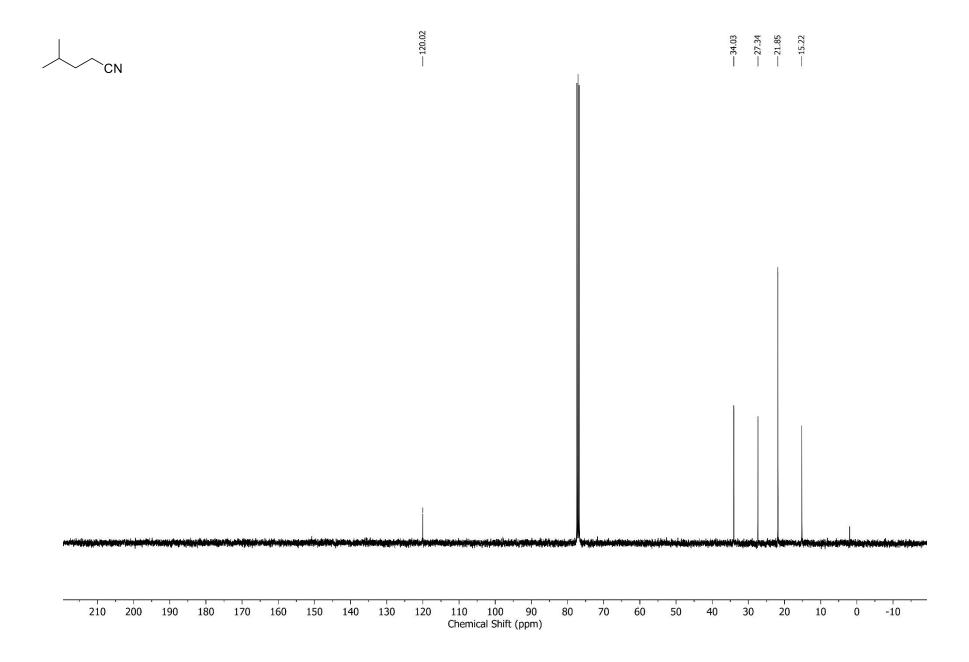




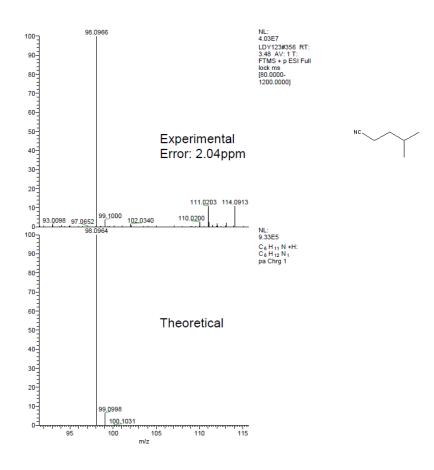


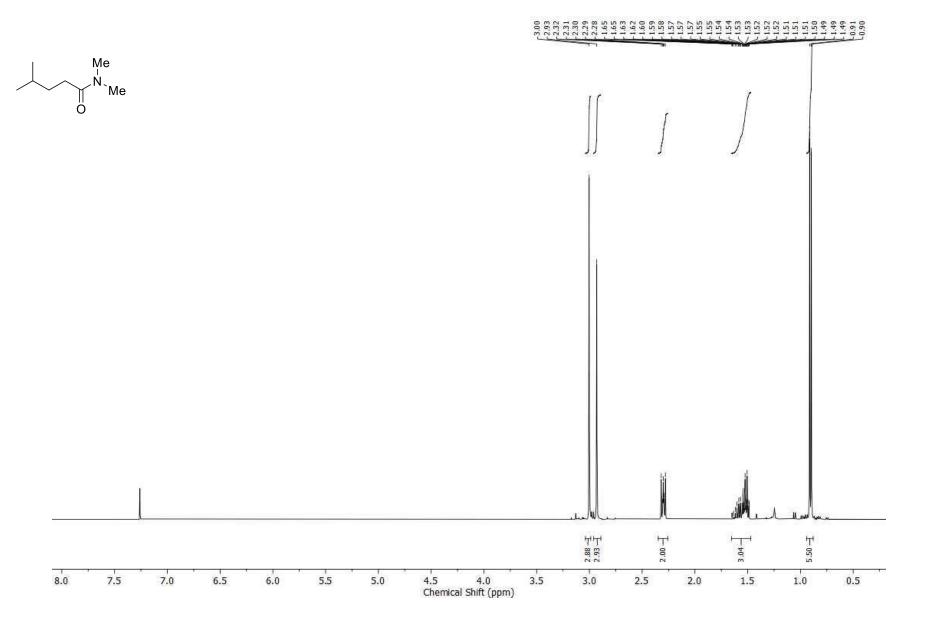
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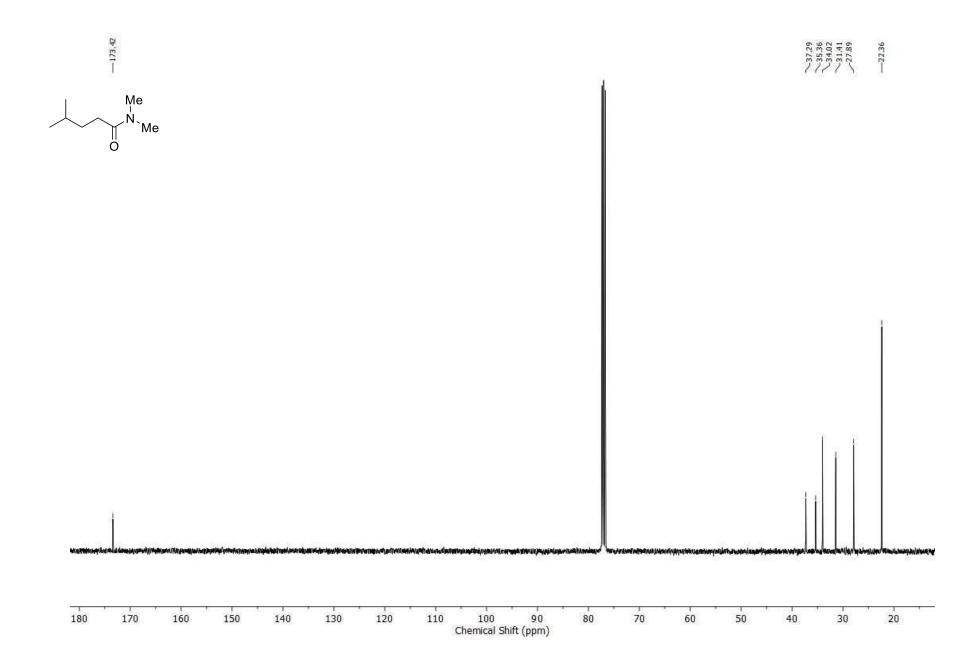


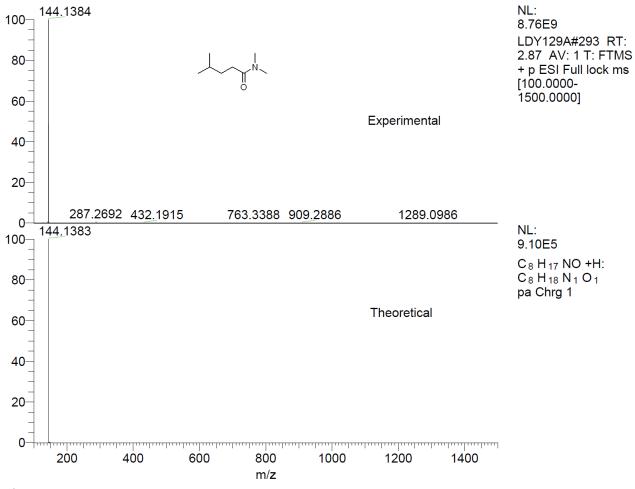


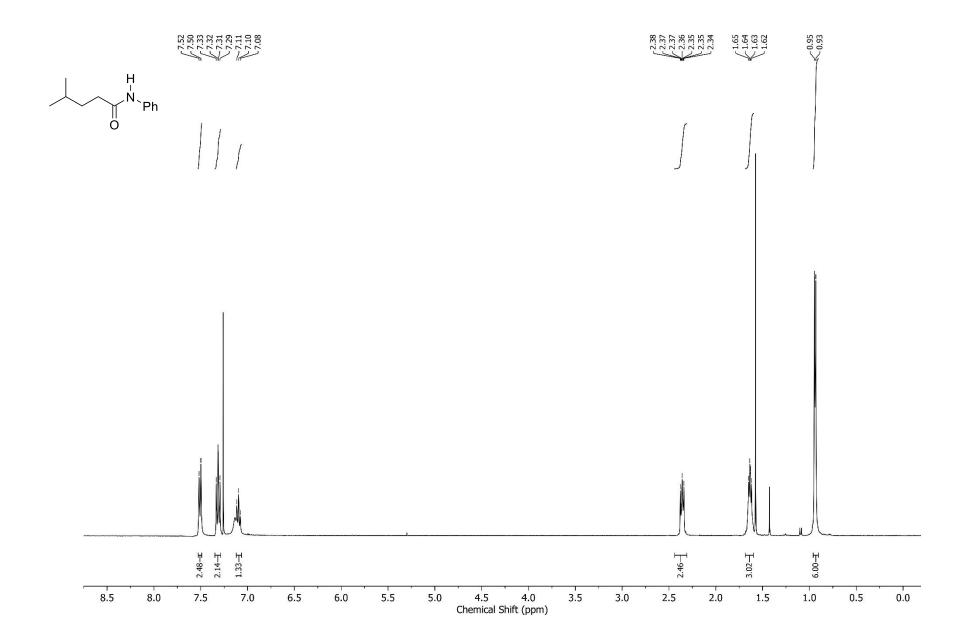
## UCL Chemistry Mass Spectrometry Facility

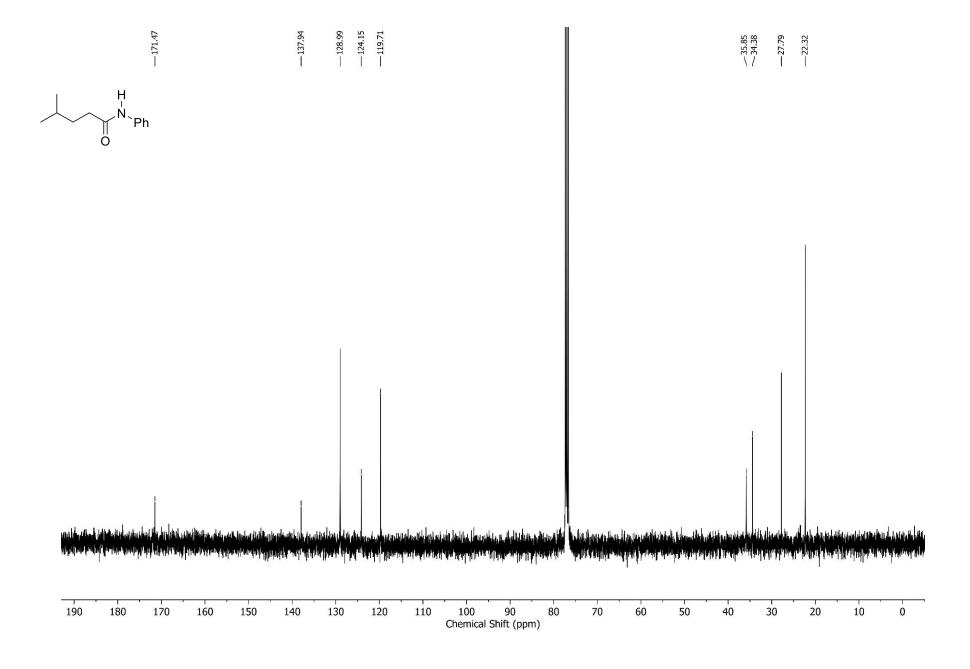




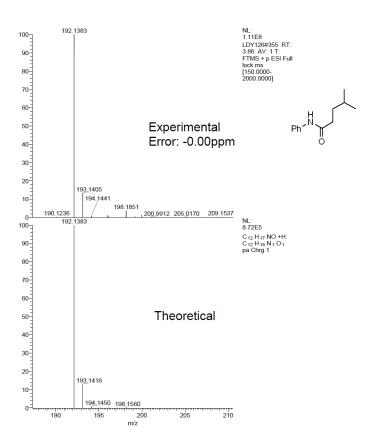


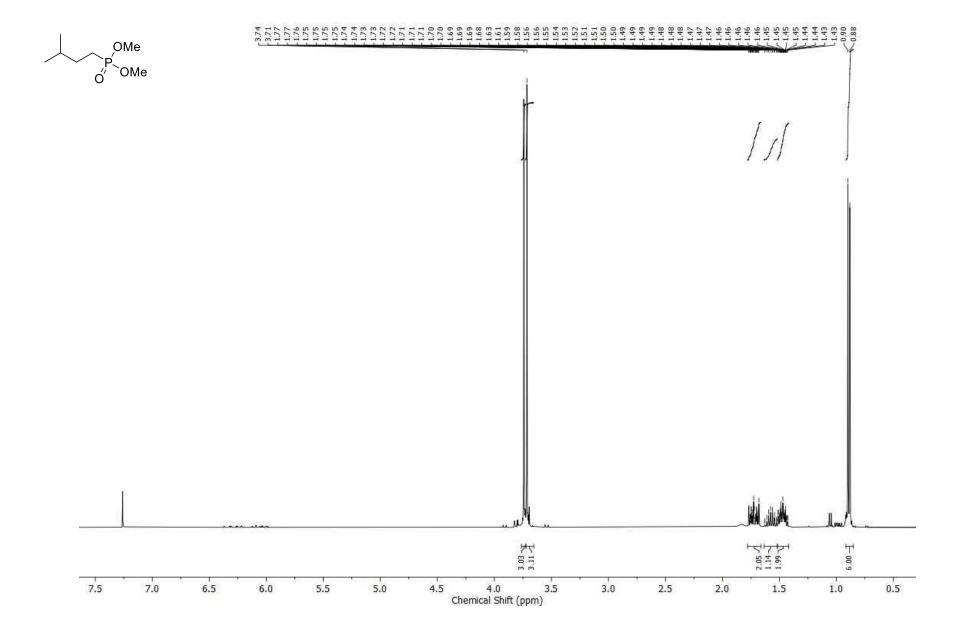


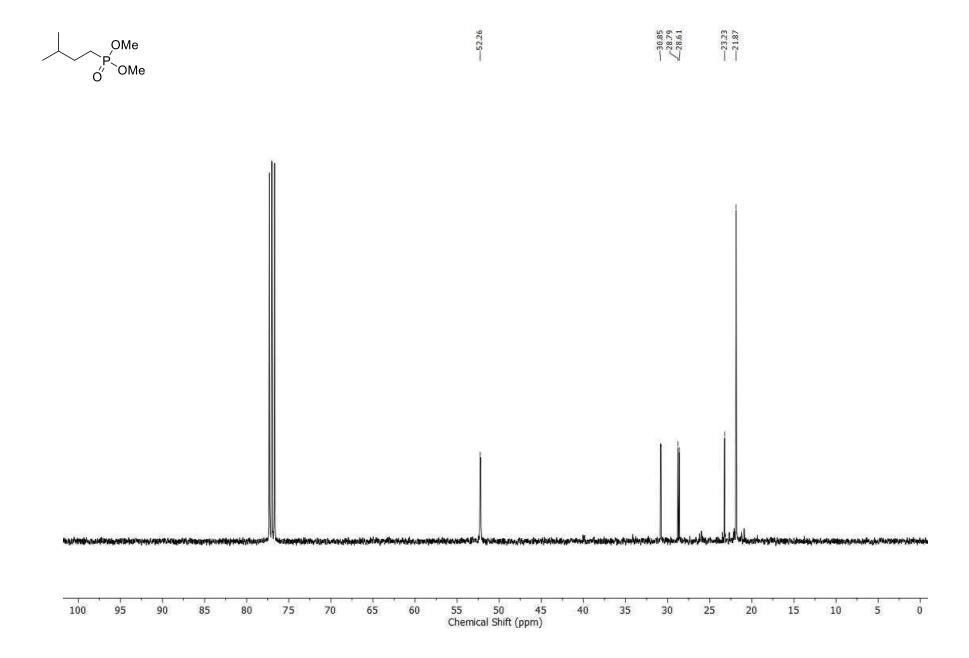


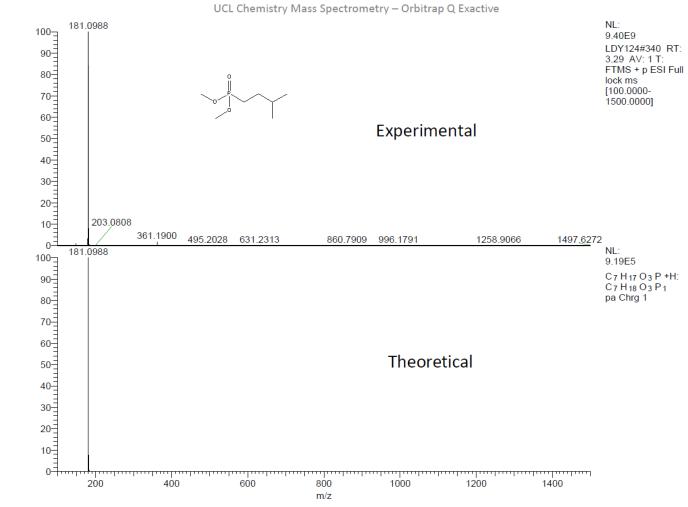


## UCL Chemistry Mass Spectrometry Facility

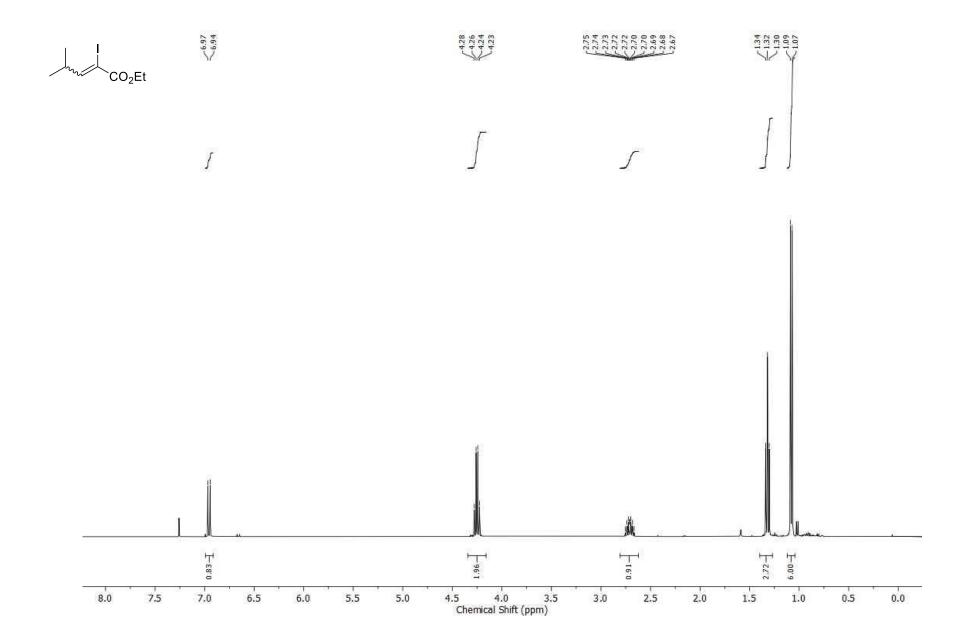


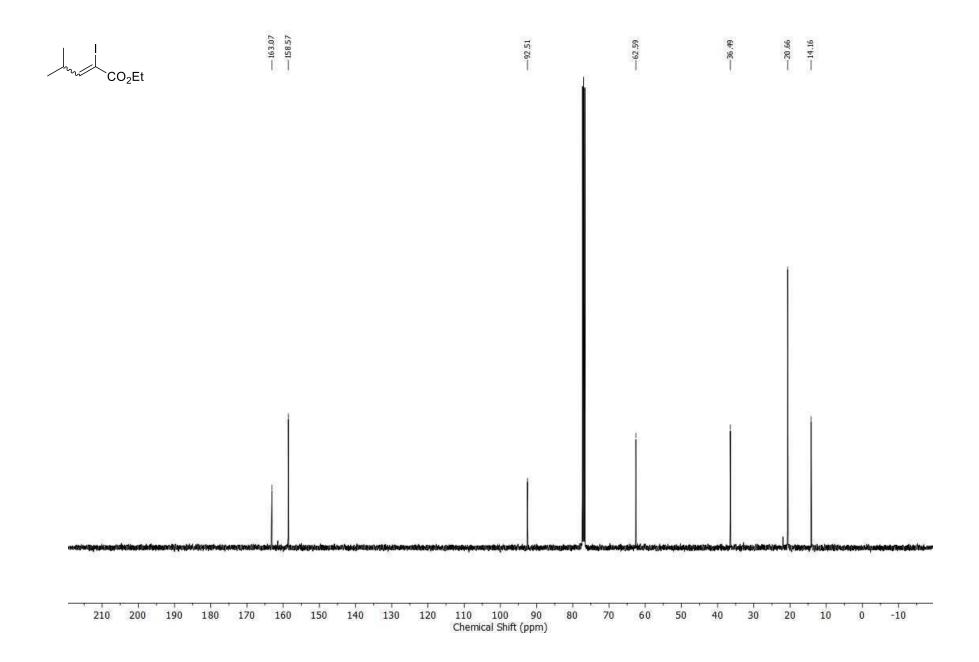




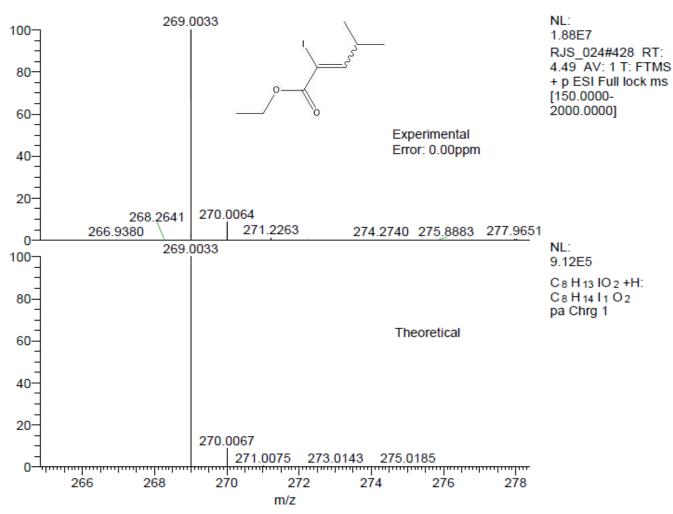


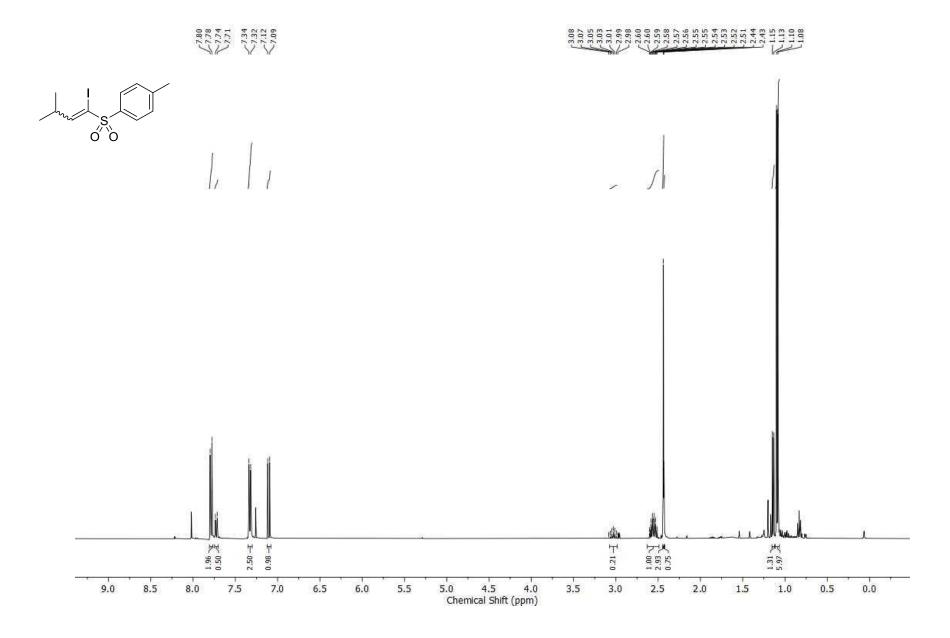
08/01/2020 1

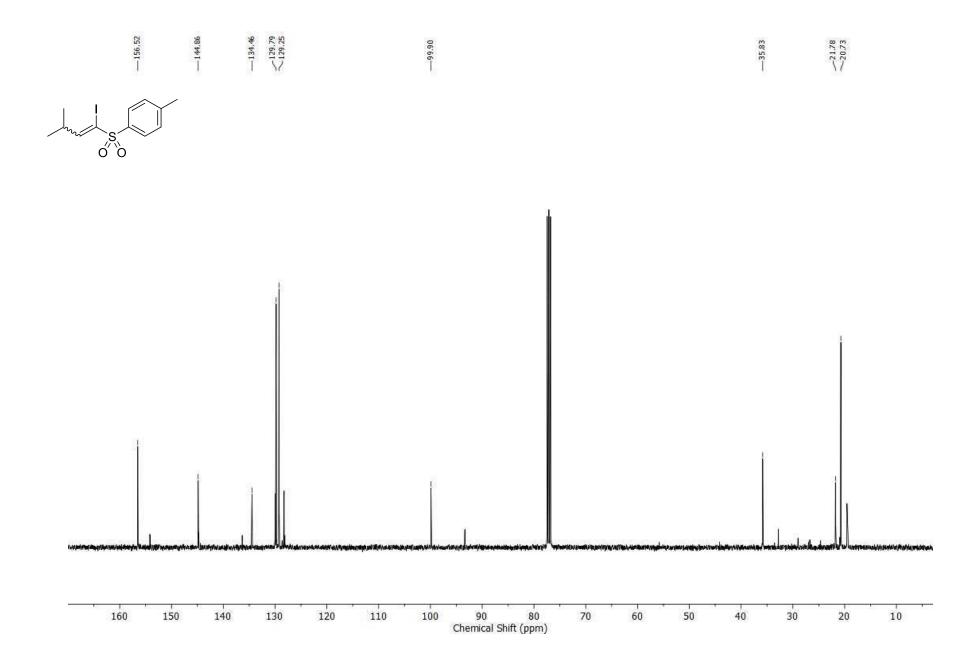




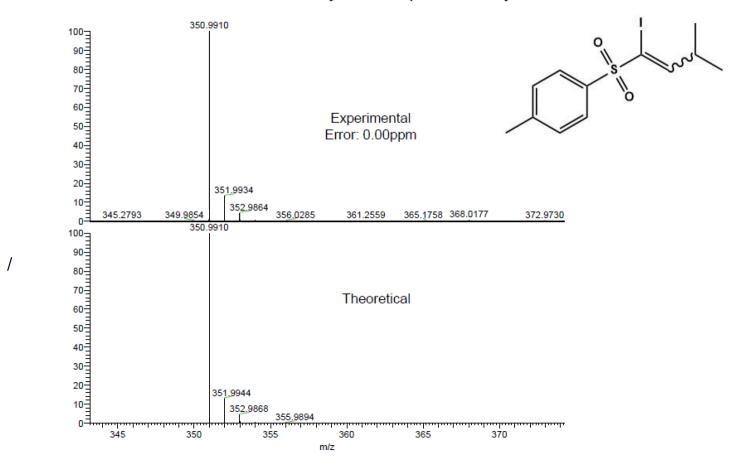
## **UCL Chemistry Mass Spectrometry Facility**

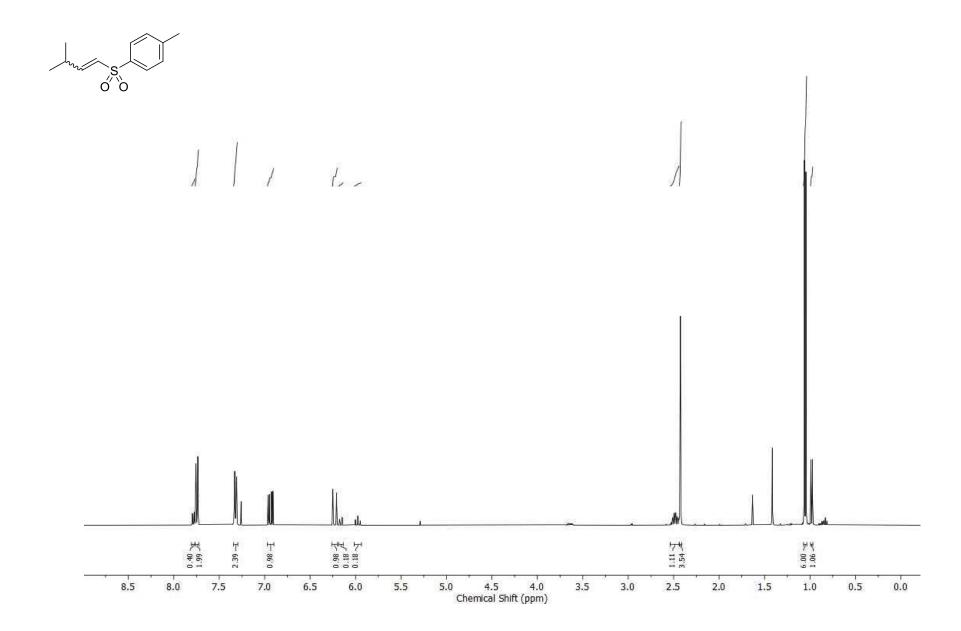


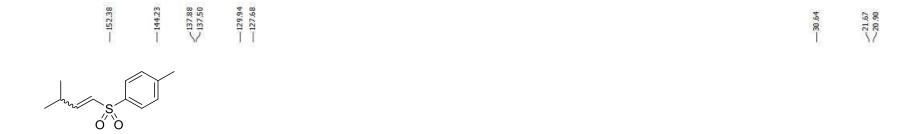


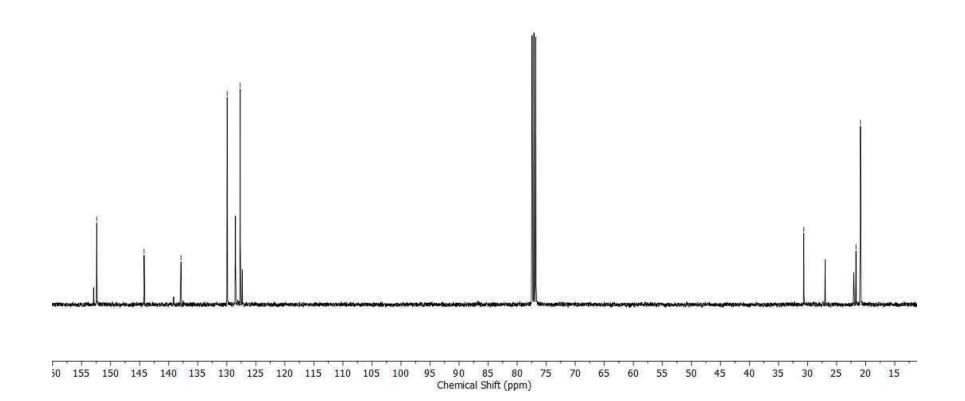


## UCL Chemistry Mass Spectrometry









## **UCL Chemistry Mass Spectrometry**

