

MASS SPECTRAL ANALYSIS

NAME:		PHONE:	DATE:
ADDRESS:		PROFESSOR'S SIGNATURE:	
EMAIL ADDRESS:			
SAMPLE IDENTIFICATION:		ACCOUNT NO. or P.O. NUMBER	
SAMPLE SOLUBILITY: <input type="checkbox"/> CH ₂ Cl ₂ <input type="checkbox"/> Hexane <input type="checkbox"/> MeOH <input type="checkbox"/> Other _____			
LAST PURIFICATION STEP:			
WEIGHT OF SAMPLE IN VIAL: _____ mg		<input checked="" type="checkbox"/> ALL SAMPLES RETURNED	
SPECIAL HANDLING REQUIRED: <input type="checkbox"/> Yes <input type="checkbox"/> Refrigeration <input type="checkbox"/> Freezer <input type="checkbox"/> User must be present <input type="checkbox"/> User prefers to be present			
MASS RANGE OF INTEREST: EI 35 to _____ FAB 100 to _____		PRECAUTIONS, TOXICITY, ETC. Return Sample <input type="checkbox"/>	
METHOD: <input type="checkbox"/> Electron Impact <input type="checkbox"/> Desorption EI <input type="checkbox"/> Fast Atom Bombardment <input type="checkbox"/> Electrospray <input type="checkbox"/> GC/MS* (Low Res EI) <input type="checkbox"/> Background / Matrix only run <input type="checkbox"/> MS/MS* (structural analysis of unknown ion) * See staff to discuss details. <input type="checkbox"/> Low Resolution <input type="checkbox"/> High Resolution *		MOLECULAR WEIGHT using lightest isotope (i.e. Cl = 35 and Br = 79) STRUCTURE AND ELEMENTAL FORMULA: C _____ H _____ N _____ O _____	
PURPOSE OF ANALYSIS (check one or more) <input type="checkbox"/> MW Determination <input type="checkbox"/> Structure Confirmation <input type="checkbox"/> Identify Unknown <input type="checkbox"/> Isotope Ratio			
OUTPUT DESIRED: <input type="checkbox"/> Plot <input type="checkbox"/> List <input type="checkbox"/> Chromatogram <input type="checkbox"/> Selected Ion Chromatogram <input type="checkbox"/> Library Search (EI Spectra Only)			
OFFICE USE ONLY INSTRUMENT: VG MAT 95XL LCQ HP 5972 Ionization: EI CI DEI DCI FAB ESI Analyst _____ Filename _____ Inlet: Probe GC LC Date: _____ Scan Numbers: _____ Probe Temperature _____ C Source Temperature _____ C Matrix _____			
NOTES ON RUN: <p style="text-align: center;">FOUND:</p>			
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