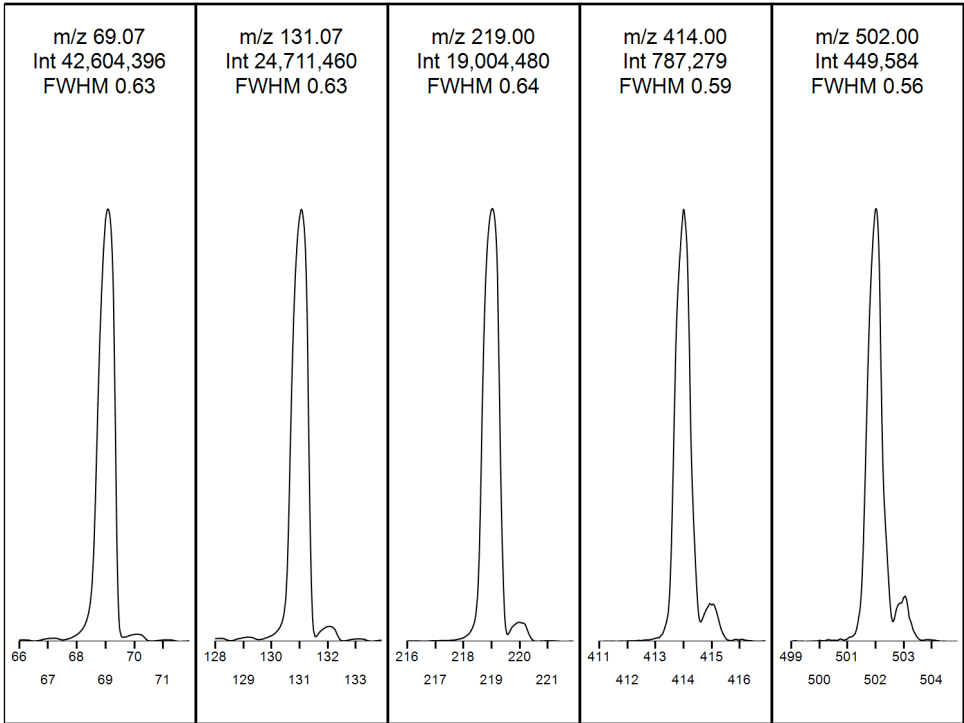


# TSQ Series Tune Results

Tune Completed - Sat May 30 07:15:19 2026  
 Tune File: AutoTune\_EI\_2026-05-30-07-15-19.tsq8tune  
 Tune Type: EI Tune (default)  
 Starting Tune File: (Last Saved Tune)

Instrument Name: TSQ Series  
 Instrument ID: 1203016  
 User: USER



Ion Source Type: EI  
 Polarity: Positive  
 Electron Lens Voltage: 5 V  
 Electron Energy: 70 eV  
 Emission Current: 50  $\mu$ A  
 Ion Guide Frequency: 1650.2  
 Q1 Frequency: 1092.9  
 Collision Cell Frequency: 1868.7  
 Q3 Frequency: 1091.0  
 Multiplier Voltage: 1817.3 V  
 Detector Gain:  $9.5 \times 10^5$   
 MS Transfer Line: 280.0  $^{\circ}$ C  
 Filament Selection: 1  
 Ion Source Temperature: 280.0  $^{\circ}$ C  
 Foreline Pressure: 49 mTorr

Full Scan Spectrum Not Acquired

Mass	Theory	Abundance	Relative Abundance	Isotope Mass	Theo. Isotope Mass	Isotope Abundance	Isotope Ratio
68.99	69.00	27,350,054	100.00	70.04	70.00	461,212	1.69
130.98	130.99	15,953,833	58.33	132.03	131.99	529,314	3.32
218.97	218.99	12,470,843	45.60	220.01	219.99	515,502	4.13
413.97	413.98	494,097	1.81	415.03	414.98	38,097	7.71
501.97	501.97	273,450	1.00	503.02	502.97	23,831	8.71

Air/ Water Check:				Leak Check:
	H2O	(%18/69)	996.23	10.18% of reference Pass
	N2	(%28/69)	49.29	
	O2	(%32/69)	43.82	
	CO2	(%44/69)	12.80	
	N2 / H2O	(%28/18)	0.05	

Signature: \_\_\_\_\_ Date: \_\_\_\_\_