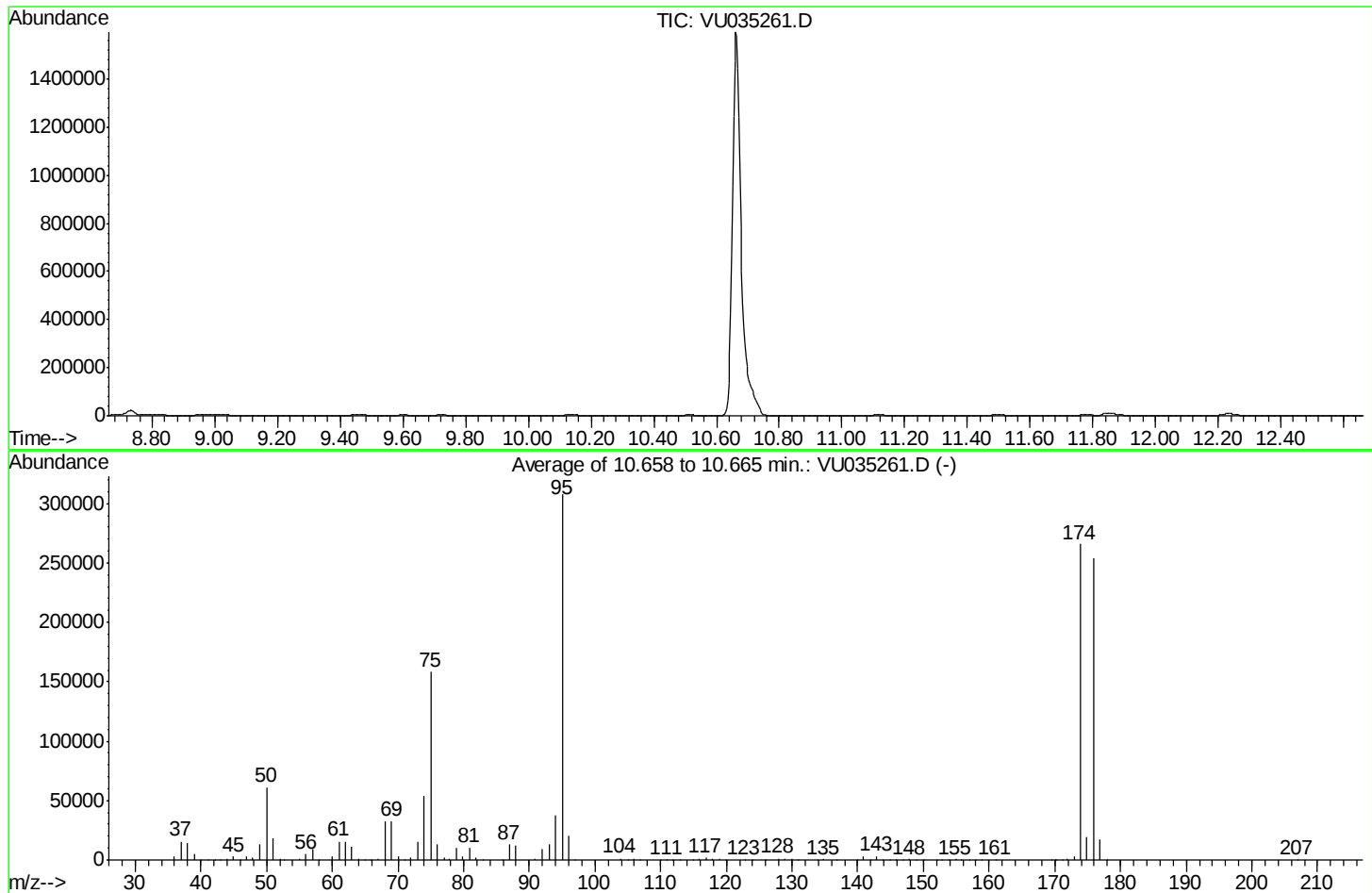


Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU101819\  
Data File : VU035261.D  
Acq On : 18 Oct 2019 12:10  
Operator : JC/SP  
Sample : BFB22  
Misc : 25.0mL/MSVOA U/WATER  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
BFB22

Integration File: rteint.p

Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR101719WMA.M  
Title : TRACE VOA SOM01.0  
Last Update : Tue Oct 22 14:10:17 2019



AutoFind: Scans 2898, 2899, 2900; Background Corrected with Scan 2883

| Target Mass | Rel. to Mass | Lower Limit% | Upper Limit% | Rel. Abn% | Raw Abn | Result Pass/Fail |
|-------------|--------------|--------------|--------------|-----------|---------|------------------|
| 50          | 95           | 15           | 40           | 19.9      | 61258   | PASS             |
| 75          | 95           | 30           | 80           | 51.5      | 158314  | PASS             |
| 95          | 95           | 100          | 100          | 100.0     | 307648  | PASS             |
| 96          | 95           | 5            | 9            | 6.6       | 20309   | PASS             |
| 173         | 174          | 0.00         | 2            | 1.0       | 2617    | PASS             |
| 174         | 95           | 50           | 120          | 86.4      | 265770  | PASS             |
| 175         | 174          | 5            | 9            | 7.2       | 19189   | PASS             |
| 176         | 174          | 95           | 101          | 95.7      | 254250  | PASS             |
| 177         | 176          | 5            | 9            | 6.8       | 17210   | PASS             |

| m/z    | Abundance |
|--------|-----------|
| 36.00  | 2686.0    |
| 37.00  | 15486.0   |
| 38.00  | 13700.0   |
| 39.00  | 5256.0    |
| 39.90  | 376.0     |
| 41.10  | 112.0     |
| 42.90  | 256.0     |
| 44.00  | 2638.0    |
| 45.00  | 2805.0    |
| 46.00  | 184.0     |
| 47.00  | 3680.0    |
| 47.90  | 1890.0    |
| 49.00  | 13204.0   |
| 50.00  | 59368.0   |
| 51.00  | 18216.0   |
| 52.00  | 859.0     |
| 52.70  | 108.0     |
| 55.00  | 797.0     |
| 56.00  | 4643.0    |
| 57.00  | 8573.0    |
| 57.90  | 393.0     |
| 60.00  | 2926.0    |
| 61.00  | 15003.0   |
| 62.00  | 15357.0   |
| 63.00  | 10902.0   |
| 64.00  | 1263.0    |
| 64.90  | 473.0     |
| 65.90  | 122.0     |
| 67.00  | 779.0     |
| 68.00  | 31232.0   |
| 69.00  | 31320.0   |
| 70.00  | 2669.0    |
| 70.90  | 113.0     |
| 72.00  | 1575.0    |
| 73.00  | 14373.0   |
| 74.00  | 51224.0   |
| 75.00  | 152896.0  |
| 76.00  | 13040.0   |
| 77.00  | 1788.0    |
| 77.80  | 1174.0    |
| 78.90  | 10235.0   |
| 79.90  | 2733.0    |
| 80.90  | 9583.0    |
| 81.90  | 2174.0    |
| 83.00  | 296.0     |
| 85.80  | 327.0     |
| 86.90  | 12683.0   |
| 87.90  | 12158.0   |
| 90.90  | 1372.0    |
| 92.00  | 8644.0    |
| 93.00  | 12787.0   |
| 94.00  | 35896.0   |
| 95.00  | 292800.0  |
| 96.00  | 19816.0   |
| 96.90  | 518.0     |
| 103.90 | 1332.0    |
| 105.00 | 529.0     |
| 105.90 | 1264.0    |
| 106.80 | 249.0     |
| 109.90 | 178.0     |
| 110.90 | 253.0     |
| 111.90 | 173.0     |
| 113.00 | 307.0     |
| 114.80 | 363.0     |
| 115.80 | 1135.0    |
| 116.90 | 1963.0    |
| 117.90 | 1117.0    |
| 118.90 | 1409.0    |
| 119.90 | 140.0     |
| 122.80 | 134.0     |
| 123.90 | 179.0     |
| 125.90 | 156.0     |
| 127.90 | 1049.0    |
| 128.80 | 509.0     |
| 129.90 | 1009.0    |
| 130.90 | 387.0     |
| 134.80 | 576.0     |
| 136.70 | 426.0     |
| 139.90 | 248.0     |
| 140.90 | 2747.0    |
| 141.90 | 324.0     |
| 142.90 | 3491.0    |
| 143.80 | 176.0     |
| 144.80 | 437.0     |
| 145.90 | 461.0     |
| 146.80 | 219.0     |
| 147.80 | 636.0     |
| 148.90 | 255.0     |
| 150.00 | 283.0     |
| 152.80 | 156.0     |
| 153.90 | 144.0     |
| 154.90 | 768.0     |

Instrument :  
MSVOA\_U  
ClientSampleId :  
BFB22

|        |          |
|--------|----------|
| 155.80 | 213.0    |
| 157.00 | 452.0    |
| 158.90 | 400.0    |
| 160.90 | 369.0    |
| 169.40 | 120.0    |
| 170.10 | 135.0    |
| 171.10 | 176.0    |
| 171.90 | 853.0    |
| 173.00 | 2334.0   |
| 173.90 | 249728.0 |
| 174.90 | 18224.0  |
| 175.90 | 235136.0 |
| 176.90 | 16600.0  |
| 178.00 | 550.0    |
| 206.80 | 140.0    |

**Instrument :**  
MSVOA\_U  
**ClientSampleId :**  
BFB22

| m/z    | Abundance |
|--------|-----------|
| 36.00  | 2898.0    |
| 37.00  | 15950.0   |
| 38.00  | 14513.0   |
| 39.00  | 5507.0    |
| 39.90  | 405.0     |
| 41.10  | 104.0     |
| 42.90  | 277.0     |
| 44.00  | 2697.0    |
| 45.00  | 2850.0    |
| 46.00  | 211.0     |
| 47.00  | 3683.0    |
| 47.90  | 2090.0    |
| 49.00  | 13748.0   |
| 50.00  | 63000.0   |
| 51.00  | 19104.0   |
| 52.00  | 950.0     |
| 54.90  | 856.0     |
| 56.00  | 4881.0    |
| 57.00  | 9180.0    |
| 58.00  | 369.0     |
| 60.00  | 3169.0    |
| 61.00  | 16097.0   |
| 62.00  | 15868.0   |
| 63.00  | 11424.0   |
| 63.90  | 1175.0    |
| 64.90  | 487.0     |
| 66.90  | 884.0     |
| 68.00  | 33168.0   |
| 69.00  | 33592.0   |
| 70.00  | 2915.0    |
| 70.90  | 117.0     |
| 72.00  | 1652.0    |
| 73.00  | 15484.0   |
| 74.00  | 55184.0   |
| 75.00  | 163008.0  |
| 76.00  | 13310.0   |
| 77.00  | 1883.0    |
| 77.80  | 1265.0    |
| 78.90  | 10956.0   |
| 79.90  | 3054.0    |
| 80.90  | 10688.0   |
| 81.90  | 2343.0    |
| 83.00  | 311.0     |
| 85.90  | 361.0     |
| 86.90  | 13495.0   |
| 87.90  | 12905.0   |
| 90.90  | 1338.0    |
| 92.00  | 9017.0    |
| 93.00  | 13679.0   |
| 94.00  | 38912.0   |
| 95.00  | 316608.0  |
| 96.00  | 20840.0   |
| 96.90  | 522.0     |
| 103.90 | 1400.0    |
| 105.00 | 552.0     |
| 105.90 | 1337.0    |
| 106.90 | 278.0     |
| 109.90 | 182.0     |
| 111.00 | 297.0     |
| 111.90 | 151.0     |
| 112.90 | 319.0     |
| 114.80 | 390.0     |
| 115.90 | 1214.0    |
| 116.90 | 2096.0    |
| 117.90 | 1205.0    |
| 118.90 | 1511.0    |
| 119.80 | 120.0     |
| 122.80 | 138.0     |
| 123.90 | 189.0     |
| 125.90 | 146.0     |
| 127.90 | 1163.0    |
| 128.80 | 567.0     |
| 129.90 | 1150.0    |
| 130.90 | 460.0     |
| 134.80 | 570.0     |
| 136.80 | 486.0     |
| 139.90 | 278.0     |
| 140.90 | 3067.0    |
| 141.90 | 375.0     |
| 142.90 | 3675.0    |
| 143.70 | 188.0     |
| 144.80 | 502.0     |
| 145.90 | 471.0     |
| 146.80 | 203.0     |
| 147.90 | 677.0     |
| 148.90 | 281.0     |
| 149.90 | 357.0     |
| 152.00 | 102.0     |
| 152.80 | 146.0     |
| 153.90 | 191.0     |
| 154.90 | 878.0     |
| 155.80 | 190.0     |

Instrument :  
MSVOA\_U  
ClientSampleId :  
BFB22

|        |          |
|--------|----------|
| 156.90 | 569.0    |
| 158.00 | 163.0    |
| 158.80 | 430.0    |
| 160.90 | 351.0    |
| 169.40 | 132.0    |
| 170.30 | 125.0    |
| 171.10 | 214.0    |
| 171.90 | 873.0    |
| 173.00 | 2686.0   |
| 173.90 | 274048.0 |
| 174.90 | 19784.0  |
| 175.90 | 261504.0 |
| 176.90 | 17816.0  |
| 178.00 | 552.0    |
| 206.90 | 110.0    |

**Instrument :**  
MSVOA\_U  
**ClientSampleId :**  
BFB22

| m/z    | Abundance |
|--------|-----------|
| 36.00  | 2841.0    |
| 37.00  | 15573.0   |
| 38.00  | 13763.0   |
| 39.00  | 5349.0    |
| 39.90  | 401.0     |
| 42.20  | 137.0     |
| 42.90  | 264.0     |
| 44.00  | 2746.0    |
| 45.00  | 2738.0    |
| 46.00  | 222.0     |
| 47.00  | 3326.0    |
| 47.90  | 1997.0    |
| 49.00  | 13012.0   |
| 50.00  | 61408.0   |
| 51.00  | 18632.0   |
| 52.00  | 934.0     |
| 54.90  | 884.0     |
| 56.00  | 4716.0    |
| 57.00  | 8961.0    |
| 58.10  | 381.0     |
| 60.00  | 3051.0    |
| 61.00  | 15644.0   |
| 62.00  | 15231.0   |
| 63.00  | 10970.0   |
| 63.90  | 1036.0    |
| 65.00  | 480.0     |
| 66.90  | 926.0     |
| 68.00  | 32288.0   |
| 69.00  | 33000.0   |
| 70.00  | 2747.0    |
| 71.00  | 116.0     |
| 72.00  | 1571.0    |
| 73.00  | 15418.0   |
| 74.00  | 54840.0   |
| 75.00  | 159040.0  |
| 76.00  | 12866.0   |
| 77.00  | 1789.0    |
| 77.80  | 1221.0    |
| 78.90  | 10903.0   |
| 79.90  | 3056.0    |
| 80.90  | 10844.0   |
| 81.90  | 2351.0    |
| 83.00  | 297.0     |
| 85.90  | 394.0     |
| 87.00  | 13256.0   |
| 87.90  | 12811.0   |
| 90.90  | 1288.0    |
| 92.00  | 8776.0    |
| 93.00  | 13507.0   |
| 94.00  | 38384.0   |
| 95.00  | 313536.0  |
| 96.00  | 20272.0   |
| 97.00  | 528.0     |
| 103.90 | 1350.0    |
| 105.00 | 494.0     |
| 105.90 | 1346.0    |
| 106.90 | 277.0     |
| 109.90 | 163.0     |
| 110.90 | 321.0     |
| 111.80 | 164.0     |
| 112.80 | 290.0     |
| 114.90 | 354.0     |
| 115.90 | 1167.0    |
| 116.90 | 2032.0    |
| 117.90 | 1150.0    |
| 119.00 | 1554.0    |
| 122.70 | 137.0     |
| 123.90 | 201.0     |
| 125.90 | 142.0     |
| 127.90 | 1151.0    |
| 128.80 | 578.0     |
| 129.90 | 1177.0    |
| 130.90 | 455.0     |
| 133.80 | 102.0     |
| 134.80 | 545.0     |
| 136.80 | 596.0     |
| 139.90 | 291.0     |
| 140.90 | 3267.0    |
| 142.00 | 337.0     |
| 142.90 | 3461.0    |
| 143.80 | 146.0     |
| 144.80 | 502.0     |
| 145.80 | 478.0     |
| 146.80 | 187.0     |
| 148.00 | 786.0     |
| 148.90 | 240.0     |
| 149.90 | 381.0     |
| 151.90 | 120.0     |
| 152.70 | 127.0     |
| 153.90 | 215.0     |
| 154.90 | 887.0     |
| 155.80 | 193.0     |

Instrument :  
MSVOA\_U  
ClientSampleId :  
BFB22

|        |          |
|--------|----------|
| 156.90 | 595.0    |
| 157.90 | 206.0    |
| 158.80 | 478.0    |
| 161.00 | 335.0    |
| 171.10 | 182.0    |
| 172.00 | 801.0    |
| 173.00 | 2831.0   |
| 173.90 | 273536.0 |
| 174.90 | 19560.0  |
| 175.90 | 266112.0 |
| 176.90 | 17216.0  |
| 178.00 | 507.0    |
| 207.00 | 130.0    |

**Instrument :**  
MSVOA\_U  
**ClientSampleId :**  
BFB22

Scan 2883 (10.610 min): VU035261.D  
BFB22

| m/z    | Abundance |
|--------|-----------|
| 39.90  | 162.0     |
| 43.00  | 116.0     |
| 44.00  | 1195.0    |
| 77.10  | 101.0     |
| 207.20 | 136.0     |

Instrument :  
MSVOA\_U  
ClientSampleId :  
BFB22