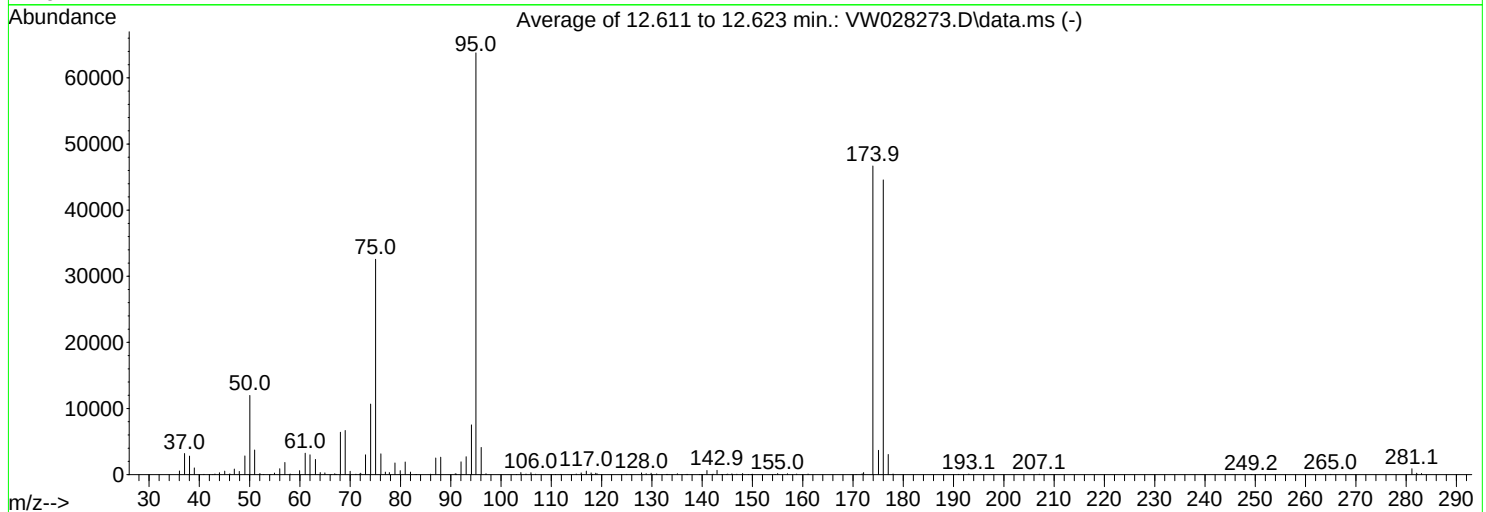
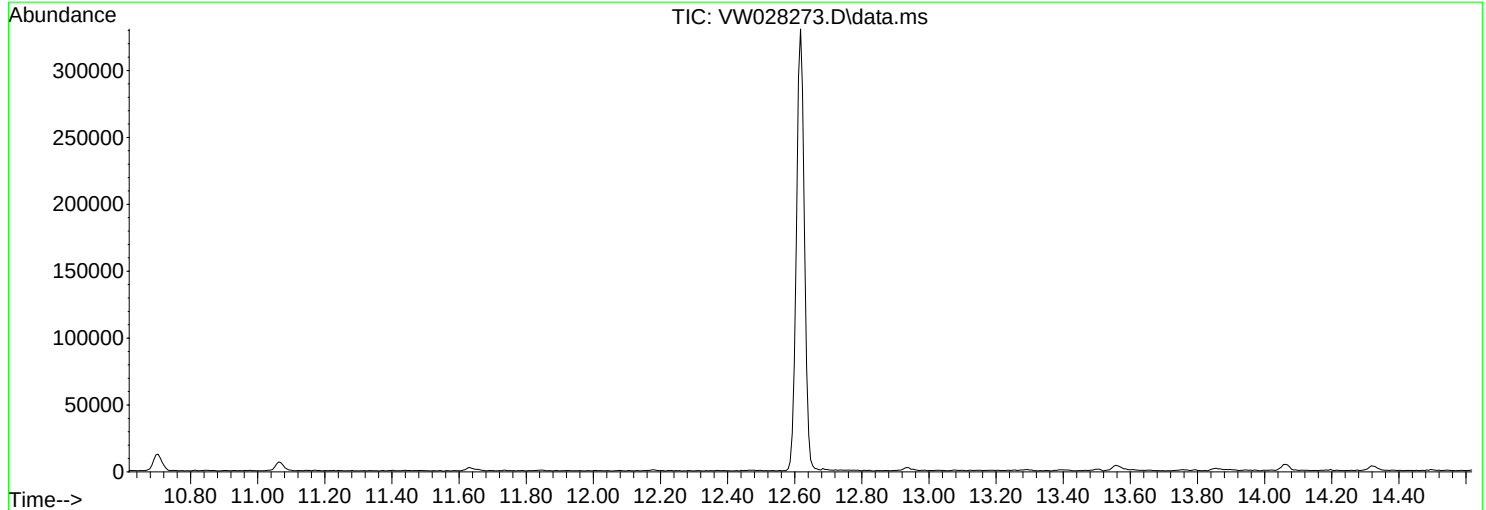


Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW032924\  
Data File : VW028273.D  
Acq On : 29 Mar 2024 08:52  
Operator : SY/MD  
Sample : BFB461  
Misc : 5.00g/10mL/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB461

Integration File: LSCINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM031424SMA.M  
Title : SFAM01.0  
Last Update : Sat Mar 30 00:57:23 2024



AutoFind: Scans 1759, 1760, 1761; Background Corrected with Scan 1752

| Target<br>Mass | Rel. to<br>Mass | Lower<br>Limit% | Upper<br>Limit% | Rel.<br>Abn% | Raw<br>Abn | Result<br>Pass/Fail |
|----------------|-----------------|-----------------|-----------------|--------------|------------|---------------------|
| 50             | 95              | 15              | 40              | 18.8         | 11984      | PASS                |
| 75             | 95              | 30              | 80              | 51.0         | 32563      | PASS                |
| 95             | 95              | 100             | 100             | 100.0        | 63789      | PASS                |
| 96             | 95              | 5               | 9               | 6.5          | 4125       | PASS                |
| 173            | 174             | 0.00            | 2               | 0.0          | 0          | PASS                |
| 174            | 95              | 50              | 120             | 73.2         | 46675      | PASS                |
| 175            | 174             | 5               | 9               | 7.9          | 3672       | PASS                |
| 176            | 174             | 95              | 101             | 95.5         | 44576      | PASS                |
| 177            | 176             | 5               | 9               | 6.8          | 3040       | PASS                |

| m/z    | Abundance |
|--------|-----------|
| 39.00  | 71.0      |
| 39.90  | 662.0     |
| 44.00  | 214.0     |
| 191.80 | 51.0      |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB461

| m/z    | Abundance |
|--------|-----------|
| 36.00  | 616.0     |
| 37.10  | 3284.0    |
| 38.00  | 3071.0    |
| 39.00  | 1147.0    |
| 40.00  | 639.0     |
| 42.00  | 69.0      |
| 42.70  | 80.0      |
| 43.20  | 95.0      |
| 44.00  | 478.0     |
| 45.00  | 623.0     |
| 46.00  | 107.0     |
| 47.00  | 954.0     |
| 48.00  | 476.0     |
| 49.10  | 2956.0    |
| 50.10  | 12144.0   |
| 51.00  | 3607.0    |
| 52.00  | 201.0     |
| 52.80  | 55.0      |
| 54.20  | 51.0      |
| 55.00  | 226.0     |
| 56.00  | 902.0     |
| 57.00  | 1674.0    |
| 58.10  | 121.0     |
| 59.90  | 582.0     |
| 61.00  | 3383.0    |
| 62.00  | 2889.0    |
| 63.10  | 2379.0    |
| 64.10  | 361.0     |
| 65.00  | 257.0     |
| 66.20  | 52.0      |
| 66.90  | 122.0     |
| 68.10  | 6492.0    |
| 69.00  | 6630.0    |
| 70.00  | 467.0     |
| 71.20  | 87.0      |
| 71.90  | 297.0     |
| 73.10  | 2972.0    |
| 74.10  | 10382.0   |
| 75.00  | 32768.0   |
| 76.10  | 3175.0    |
| 77.00  | 443.0     |
| 77.80  | 304.0     |
| 78.90  | 1666.0    |
| 80.00  | 649.0     |
| 81.00  | 1975.0    |
| 82.00  | 401.0     |
| 83.20  | 57.0      |
| 86.00  | 141.0     |
| 87.10  | 2437.0    |
| 88.00  | 2587.0    |
| 90.90  | 186.0     |
| 92.00  | 1827.0    |
| 93.00  | 2747.0    |
| 94.10  | 7719.0    |
| 95.00  | 61824.0   |
| 96.10  | 4114.0    |
| 97.00  | 164.0     |
| 103.10 | 65.0      |
| 103.90 | 317.0     |
| 105.00 | 137.0     |
| 105.90 | 259.0     |
| 107.00 | 87.0      |
| 110.90 | 60.0      |
| 111.90 | 65.0      |
| 114.90 | 141.0     |
| 115.90 | 230.0     |
| 116.90 | 530.0     |
| 118.00 | 309.0     |
| 118.80 | 335.0     |
| 125.00 | 71.0      |
| 125.80 | 66.0      |
| 127.90 | 198.0     |
| 129.00 | 134.0     |
| 129.90 | 221.0     |
| 131.00 | 96.0      |
| 132.90 | 147.0     |
| 133.40 | 67.0      |
| 135.00 | 197.0     |
| 136.80 | 79.0      |
| 140.90 | 650.0     |
| 142.20 | 123.0     |
| 143.00 | 638.0     |
| 143.90 | 52.0      |
| 145.10 | 98.0      |
| 145.80 | 82.0      |
| 146.90 | 71.0      |
| 148.10 | 178.0     |
| 149.20 | 60.0      |
| 149.80 | 78.0      |
| 155.00 | 152.0     |
| 157.00 | 134.0     |
| 158.80 | 64.0      |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB461

|        |         |
|--------|---------|
| 161.10 | 108.0   |
| 172.10 | 487.0   |
| 174.00 | 44776.0 |
| 175.00 | 3384.0  |
| 176.00 | 37664.0 |
| 177.00 | 3049.0  |
| 178.00 | 108.0   |
| 191.00 | 94.0    |
| 193.00 | 142.0   |
| 207.10 | 172.0   |
| 249.20 | 117.0   |
| 251.10 | 68.0    |
| 265.00 | 88.0    |
| 281.20 | 1529.0  |
| 282.10 | 470.0   |
| 283.10 | 205.0   |

|                  |
|------------------|
| Instrument :     |
| MSVOA_W          |
| ClientSampleId : |
| BFB461           |

| m/z    | Abundance |
|--------|-----------|
| 36.10  | 642.0     |
| 37.00  | 3662.0    |
| 38.00  | 3021.0    |
| 39.10  | 1293.0    |
| 40.00  | 672.0     |
| 40.90  | 70.0      |
| 43.10  | 113.0     |
| 44.00  | 561.0     |
| 45.00  | 519.0     |
| 46.10  | 112.0     |
| 47.00  | 853.0     |
| 48.00  | 543.0     |
| 49.00  | 3020.0    |
| 50.00  | 13113.0   |
| 51.00  | 4182.0    |
| 52.10  | 180.0     |
| 52.80  | 51.0      |
| 54.20  | 59.0      |
| 55.00  | 285.0     |
| 56.00  | 997.0     |
| 57.00  | 2159.0    |
| 58.00  | 73.0      |
| 60.00  | 719.0     |
| 61.10  | 3623.0    |
| 62.00  | 3449.0    |
| 63.10  | 2599.0    |
| 64.00  | 381.0     |
| 64.90  | 323.0     |
| 67.00  | 202.0     |
| 68.00  | 7007.0    |
| 69.00  | 7188.0    |
| 70.00  | 582.0     |
| 71.20  | 62.0      |
| 72.10  | 387.0     |
| 73.00  | 3392.0    |
| 74.10  | 11834.0   |
| 75.00  | 36304.0   |
| 76.10  | 3530.0    |
| 77.00  | 442.0     |
| 77.70  | 212.0     |
| 78.90  | 1896.0    |
| 79.90  | 726.0     |
| 80.90  | 1986.0    |
| 82.00  | 429.0     |
| 86.90  | 3005.0    |
| 88.00  | 2878.0    |
| 91.10  | 314.0     |
| 92.10  | 2120.0    |
| 93.10  | 2862.0    |
| 94.10  | 7998.0    |
| 95.00  | 70744.0   |
| 96.00  | 4636.0    |
| 97.00  | 174.0     |
| 104.00 | 341.0     |
| 105.00 | 101.0     |
| 105.90 | 354.0     |
| 106.80 | 68.0      |
| 110.80 | 50.0      |
| 111.90 | 55.0      |
| 115.00 | 76.0      |
| 116.00 | 294.0     |
| 117.00 | 490.0     |
| 117.90 | 287.0     |
| 119.10 | 419.0     |
| 125.00 | 52.0      |
| 128.00 | 351.0     |
| 128.80 | 160.0     |
| 129.90 | 285.0     |
| 130.90 | 131.0     |
| 133.10 | 144.0     |
| 135.10 | 113.0     |
| 136.80 | 102.0     |
| 139.50 | 70.0      |
| 139.90 | 54.0      |
| 141.00 | 689.0     |
| 142.10 | 100.0     |
| 142.90 | 702.0     |
| 143.90 | 65.0      |
| 145.00 | 143.0     |
| 145.90 | 148.0     |
| 146.90 | 109.0     |
| 148.00 | 208.0     |
| 150.00 | 111.0     |
| 155.00 | 192.0     |
| 157.00 | 169.0     |
| 158.80 | 126.0     |
| 161.10 | 92.0      |
| 170.60 | 105.0     |
| 171.80 | 370.0     |
| 173.90 | 48992.0   |
| 175.10 | 4202.0    |
| 176.00 | 47376.0   |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB461

|        |        |
|--------|--------|
| 177.00 | 3273.0 |
| 177.90 | 88.0   |
| 191.00 | 66.0   |
| 193.10 | 74.0   |
| 207.00 | 59.0   |
| 208.00 | 57.0   |
| 265.00 | 69.0   |
| 281.00 | 872.0  |
| 282.10 | 222.0  |
| 283.00 | 181.0  |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB461

| m/z    | Abundance |
|--------|-----------|
| 36.10  | 426.0     |
| 37.00  | 2624.0    |
| 38.10  | 2352.0    |
| 39.10  | 854.0     |
| 40.00  | 658.0     |
| 40.90  | 63.0      |
| 43.00  | 89.0      |
| 44.10  | 486.0     |
| 45.10  | 449.0     |
| 46.00  | 137.0     |
| 46.90  | 735.0     |
| 47.80  | 431.0     |
| 49.00  | 2507.0    |
| 50.10  | 10696.0   |
| 51.00  | 3363.0    |
| 52.00  | 137.0     |
| 54.90  | 191.0     |
| 56.00  | 824.0     |
| 57.00  | 1703.0    |
| 58.10  | 122.0     |
| 60.00  | 532.0     |
| 61.00  | 2719.0    |
| 62.00  | 2674.0    |
| 63.10  | 1940.0    |
| 64.00  | 198.0     |
| 65.00  | 218.0     |
| 66.90  | 130.0     |
| 67.20  | 130.0     |
| 68.00  | 5718.0    |
| 69.00  | 6187.0    |
| 70.00  | 503.0     |
| 71.10  | 84.0      |
| 72.10  | 304.0     |
| 73.00  | 2618.0    |
| 74.00  | 9780.0    |
| 75.10  | 28616.0   |
| 76.10  | 2740.0    |
| 77.00  | 285.0     |
| 77.90  | 429.0     |
| 78.90  | 1768.0    |
| 79.90  | 472.0     |
| 81.00  | 1753.0    |
| 82.00  | 348.0     |
| 82.90  | 55.0      |
| 86.00  | 75.0      |
| 87.00  | 2112.0    |
| 88.00  | 2457.0    |
| 90.90  | 268.0     |
| 92.00  | 1888.0    |
| 93.10  | 2530.0    |
| 94.10  | 6875.0    |
| 95.00  | 58800.0   |
| 96.10  | 3626.0    |
| 97.00  | 120.0     |
| 104.00 | 263.0     |
| 104.90 | 91.0      |
| 106.00 | 271.0     |
| 106.90 | 53.0      |
| 114.90 | 95.0      |
| 116.00 | 272.0     |
| 117.00 | 552.0     |
| 117.80 | 226.0     |
| 118.20 | 185.0     |
| 118.90 | 301.0     |
| 128.00 | 259.0     |
| 128.80 | 126.0     |
| 129.70 | 176.0     |
| 130.90 | 149.0     |
| 135.00 | 104.0     |
| 137.10 | 130.0     |
| 140.90 | 579.0     |
| 142.90 | 628.0     |
| 144.10 | 53.0      |
| 144.80 | 156.0     |
| 145.20 | 78.0      |
| 146.00 | 117.0     |
| 146.90 | 52.0      |
| 148.00 | 121.0     |
| 149.90 | 112.0     |
| 154.50 | 87.0      |
| 155.00 | 162.0     |
| 156.90 | 136.0     |
| 158.80 | 78.0      |
| 160.90 | 88.0      |
| 172.10 | 467.0     |
| 174.00 | 46256.0   |
| 175.00 | 3430.0    |
| 176.00 | 48688.0   |
| 177.00 | 2798.0    |
| 177.90 | 126.0     |
| 193.10 | 72.0      |
| 281.00 | 331.0     |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB461

282.3060.0

283.10125.0

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB461