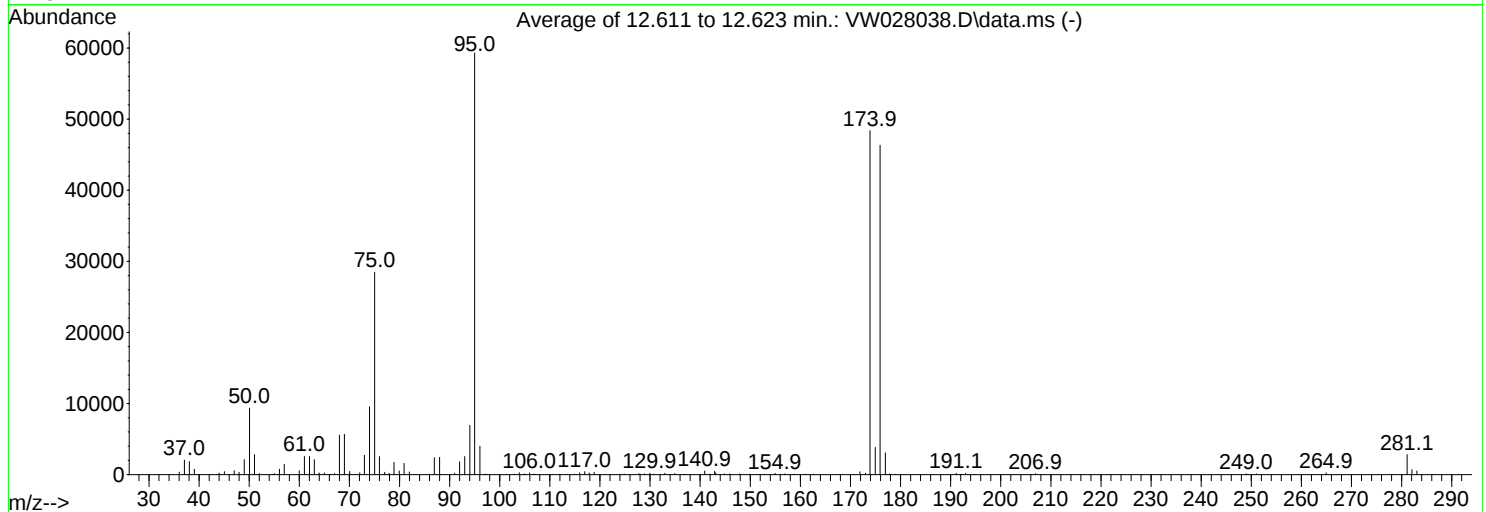
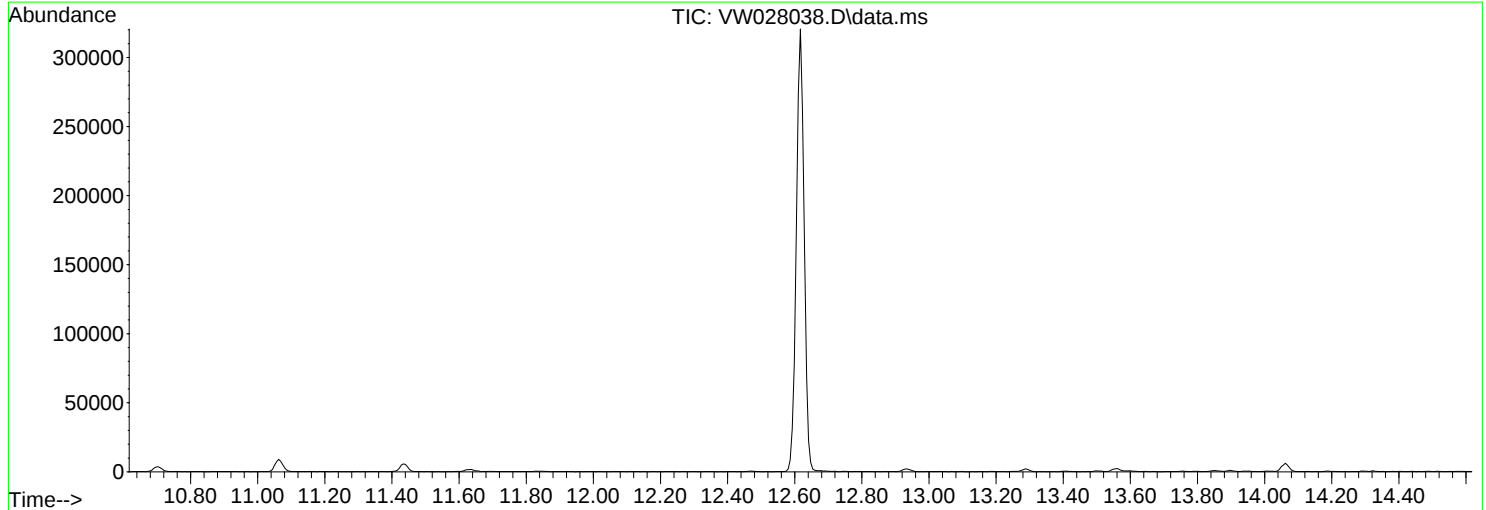


Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW021924\  
Data File : VW028038.D  
Acq On : 19 Feb 2024 08:42  
Operator : SY/MD  
Sample : BFB439  
Misc : 5.00g/10mL/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB439

Integration File: LSCINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM020524SMA.M  
Title : SFAM01.0  
Last Update : Tue Feb 20 00:28:09 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              | 15.8         | 9358       | PASS                |
| 75             | 95              | 30              | 80              | 48.0         | 28461      | PASS                |
| 95             | 95              | 100             | 100             | 100.0        | 59320      | PASS                |
| 96             | 95              | 5               | 9               | 6.8          | 4015       | PASS                |
| 173            | 174             | 0.00            | 2               | 0.4          | 203        | PASS                |
| 174            | 95              | 50              | 120             | 81.6         | 48381      | PASS                |
| 175            | 174             | 5               | 9               | 7.9          | 3836       | PASS                |
| 176            | 174             | 95              | 101             | 95.8         | 46339      | PASS                |
| 177            | 176             | 5               | 9               | 6.6          | 3056       | PASS                |

| m/z    | Abundance |
|--------|-----------|
| 39.90  | 122.0     |
| 44.10  | 92.0      |
| 207.00 | 50.0      |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB439

| m/z    | Abundance |
|--------|-----------|
| 36.00  | 373.0     |
| 37.10  | 2073.0    |
| 38.10  | 1998.0    |
| 39.00  | 779.0     |
| 40.00  | 168.0     |
| 44.00  | 321.0     |
| 45.00  | 376.0     |
| 45.90  | 77.0      |
| 47.00  | 632.0     |
| 48.00  | 309.0     |
| 49.00  | 2112.0    |
| 50.00  | 9199.0    |
| 51.10  | 2813.0    |
| 52.00  | 179.0     |
| 55.10  | 150.0     |
| 56.10  | 813.0     |
| 57.00  | 1403.0    |
| 60.00  | 537.0     |
| 61.00  | 2902.0    |
| 62.00  | 2580.0    |
| 63.00  | 2169.0    |
| 64.00  | 229.0     |
| 65.00  | 227.0     |
| 67.10  | 125.0     |
| 68.00  | 5629.0    |
| 69.00  | 5808.0    |
| 70.10  | 460.0     |
| 72.00  | 232.0     |
| 73.00  | 2710.0    |
| 74.00  | 9487.0    |
| 75.10  | 28496.0   |
| 76.00  | 2385.0    |
| 77.10  | 381.0     |
| 77.80  | 191.0     |
| 78.90  | 1608.0    |
| 80.00  | 556.0     |
| 80.90  | 1656.0    |
| 82.00  | 385.0     |
| 86.10  | 80.0      |
| 86.90  | 2174.0    |
| 88.00  | 2291.0    |
| 91.00  | 254.0     |
| 92.00  | 1677.0    |
| 93.00  | 2255.0    |
| 94.10  | 6719.0    |
| 95.00  | 55224.0   |
| 96.00  | 4344.0    |
| 97.00  | 140.0     |
| 103.00 | 72.0      |
| 104.00 | 264.0     |
| 104.80 | 108.0     |
| 105.90 | 211.0     |
| 106.80 | 66.0      |
| 115.90 | 223.0     |
| 116.90 | 516.0     |
| 117.90 | 252.0     |
| 118.90 | 344.0     |
| 124.80 | 162.0     |
| 127.80 | 174.0     |
| 129.00 | 67.0      |
| 129.90 | 214.0     |
| 132.90 | 282.0     |
| 134.00 | 121.0     |
| 135.00 | 121.0     |
| 136.80 | 97.0      |
| 140.90 | 464.0     |
| 142.00 | 55.0      |
| 142.90 | 642.0     |
| 144.80 | 95.0      |
| 145.90 | 54.0      |
| 147.90 | 152.0     |
| 149.80 | 83.0      |
| 154.90 | 180.0     |
| 155.90 | 64.0      |
| 156.90 | 64.0      |
| 158.90 | 106.0     |
| 161.00 | 69.0      |
| 162.70 | 60.0      |
| 171.90 | 376.0     |
| 173.90 | 41712.0   |
| 175.00 | 3560.0    |
| 175.90 | 43232.0   |
| 177.00 | 2631.0    |
| 177.80 | 162.0     |
| 178.90 | 60.0      |
| 191.10 | 289.0     |
| 192.00 | 68.0      |
| 192.90 | 322.0     |
| 194.80 | 66.0      |
| 205.00 | 53.0      |
| 206.00 | 56.0      |
| 207.00 | 343.0     |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB439

|        |        |
|--------|--------|
| 249.10 | 228.0  |
| 250.00 | 68.0   |
| 251.10 | 201.0  |
| 264.90 | 387.0  |
| 265.90 | 104.0  |
| 266.90 | 64.0   |
| 281.10 | 4496.0 |
| 282.00 | 1122.0 |
| 283.10 | 961.0  |
| 283.80 | 102.0  |

**Instrument :**  
MSVOA\_W  
**ClientSampleId :**  
BFB439

| m/z    | Abundance |
|--------|-----------|
| 36.00  | 380.0     |
| 37.00  | 2159.0    |
| 38.10  | 1975.0    |
| 39.10  | 848.0     |
| 40.00  | 187.0     |
| 44.00  | 354.0     |
| 45.10  | 474.0     |
| 47.00  | 543.0     |
| 48.00  | 348.0     |
| 49.00  | 2324.0    |
| 50.00  | 10804.0   |
| 51.00  | 3121.0    |
| 52.00  | 147.0     |
| 55.00  | 193.0     |
| 56.00  | 916.0     |
| 57.00  | 1556.0    |
| 60.00  | 647.0     |
| 61.00  | 2724.0    |
| 62.10  | 2811.0    |
| 63.00  | 2377.0    |
| 64.00  | 253.0     |
| 65.00  | 254.0     |
| 66.20  | 54.0      |
| 67.10  | 232.0     |
| 68.00  | 6392.0    |
| 69.00  | 6181.0    |
| 70.00  | 481.0     |
| 72.10  | 363.0     |
| 73.00  | 3069.0    |
| 74.00  | 10698.0   |
| 75.00  | 31648.0   |
| 76.00  | 2935.0    |
| 77.10  | 371.0     |
| 78.00  | 271.0     |
| 78.90  | 2180.0    |
| 80.00  | 525.0     |
| 80.90  | 1636.0    |
| 81.90  | 457.0     |
| 86.00  | 60.0      |
| 87.00  | 2923.0    |
| 88.00  | 2780.0    |
| 91.00  | 277.0     |
| 92.00  | 1903.0    |
| 93.00  | 3075.0    |
| 94.00  | 7996.0    |
| 95.00  | 66688.0   |
| 96.10  | 4143.0    |
| 97.20  | 128.0     |
| 102.80 | 58.0      |
| 103.90 | 348.0     |
| 105.00 | 152.0     |
| 106.00 | 268.0     |
| 106.90 | 113.0     |
| 111.90 | 104.0     |
| 115.00 | 104.0     |
| 115.90 | 333.0     |
| 116.90 | 419.0     |
| 117.80 | 279.0     |
| 118.80 | 340.0     |
| 124.90 | 76.0      |
| 127.80 | 227.0     |
| 128.90 | 124.0     |
| 130.00 | 224.0     |
| 130.70 | 110.0     |
| 133.00 | 222.0     |
| 134.90 | 245.0     |
| 137.00 | 108.0     |
| 140.90 | 543.0     |
| 141.90 | 75.0      |
| 143.10 | 713.0     |
| 144.90 | 114.0     |
| 145.90 | 115.0     |
| 147.90 | 153.0     |
| 149.90 | 89.0      |
| 152.80 | 55.0      |
| 154.90 | 202.0     |
| 156.00 | 68.0      |
| 156.90 | 210.0     |
| 158.90 | 67.0      |
| 161.10 | 75.0      |
| 171.90 | 431.0     |
| 173.90 | 58504.0   |
| 174.90 | 3747.0    |
| 175.90 | 49760.0   |
| 176.90 | 3553.0    |
| 177.80 | 92.0      |
| 179.00 | 55.0      |
| 191.10 | 222.0     |
| 192.20 | 65.0      |
| 193.00 | 205.0     |
| 206.90 | 136.0     |
| 248.90 | 145.0     |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB439

|        |        |
|--------|--------|
| 251.00 | 106.0  |
| 265.00 | 202.0  |
| 266.10 | 52.0   |
| 267.00 | 102.0  |
| 281.10 | 2815.0 |
| 282.10 | 710.0  |
| 283.00 | 367.0  |
| 284.00 | 137.0  |

**Instrument :**  
MSVOA\_W  
**ClientSampleId :**  
BFB439

| m/z    | Abundance |
|--------|-----------|
| 36.10  | 299.0     |
| 37.00  | 1888.0    |
| 38.00  | 1560.0    |
| 39.10  | 659.0     |
| 40.10  | 101.0     |
| 44.00  | 276.0     |
| 45.00  | 416.0     |
| 47.00  | 511.0     |
| 48.00  | 274.0     |
| 49.00  | 1887.0    |
| 50.10  | 8070.0    |
| 51.00  | 2493.0    |
| 52.00  | 181.0     |
| 54.80  | 103.0     |
| 55.20  | 59.0      |
| 56.10  | 599.0     |
| 57.00  | 1333.0    |
| 60.00  | 468.0     |
| 61.00  | 2103.0    |
| 62.00  | 2241.0    |
| 63.00  | 1823.0    |
| 63.90  | 233.0     |
| 65.10  | 224.0     |
| 67.00  | 139.0     |
| 68.00  | 4683.0    |
| 69.00  | 5040.0    |
| 70.00  | 394.0     |
| 72.00  | 232.0     |
| 73.00  | 2417.0    |
| 74.00  | 8418.0    |
| 75.00  | 25240.0   |
| 76.00  | 2301.0    |
| 77.00  | 279.0     |
| 77.90  | 216.0     |
| 78.90  | 1402.0    |
| 79.90  | 467.0     |
| 80.90  | 1460.0    |
| 81.90  | 286.0     |
| 85.90  | 59.0      |
| 87.00  | 2091.0    |
| 88.00  | 2192.0    |
| 91.00  | 154.0     |
| 92.00  | 1824.0    |
| 93.00  | 2290.0    |
| 94.00  | 6054.0    |
| 95.00  | 56048.0   |
| 96.10  | 3558.0    |
| 97.10  | 78.0      |
| 102.90 | 57.0      |
| 103.80 | 198.0     |
| 105.00 | 90.0      |
| 105.90 | 246.0     |
| 106.90 | 81.0      |
| 111.90 | 53.0      |
| 114.90 | 98.0      |
| 116.00 | 188.0     |
| 117.00 | 383.0     |
| 117.80 | 221.0     |
| 118.90 | 309.0     |
| 128.00 | 202.0     |
| 128.80 | 147.0     |
| 130.00 | 177.0     |
| 130.80 | 71.0      |
| 133.00 | 123.0     |
| 134.90 | 101.0     |
| 137.00 | 57.0      |
| 140.90 | 536.0     |
| 141.90 | 109.0     |
| 142.90 | 743.0     |
| 144.90 | 102.0     |
| 145.90 | 141.0     |
| 147.90 | 70.0      |
| 150.00 | 65.0      |
| 152.90 | 65.0      |
| 155.00 | 157.0     |
| 156.00 | 77.0      |
| 156.90 | 95.0      |
| 158.80 | 60.0      |
| 160.90 | 69.0      |
| 171.90 | 393.0     |
| 173.00 | 609.0     |
| 173.90 | 44928.0   |
| 174.90 | 4200.0    |
| 175.90 | 46024.0   |
| 177.00 | 2983.0    |
| 177.90 | 84.0      |
| 191.10 | 64.0      |
| 206.90 | 68.0      |
| 264.90 | 128.0     |
| 281.00 | 1132.0    |
| 282.00 | 296.0     |
| 283.00 | 213.0     |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB439