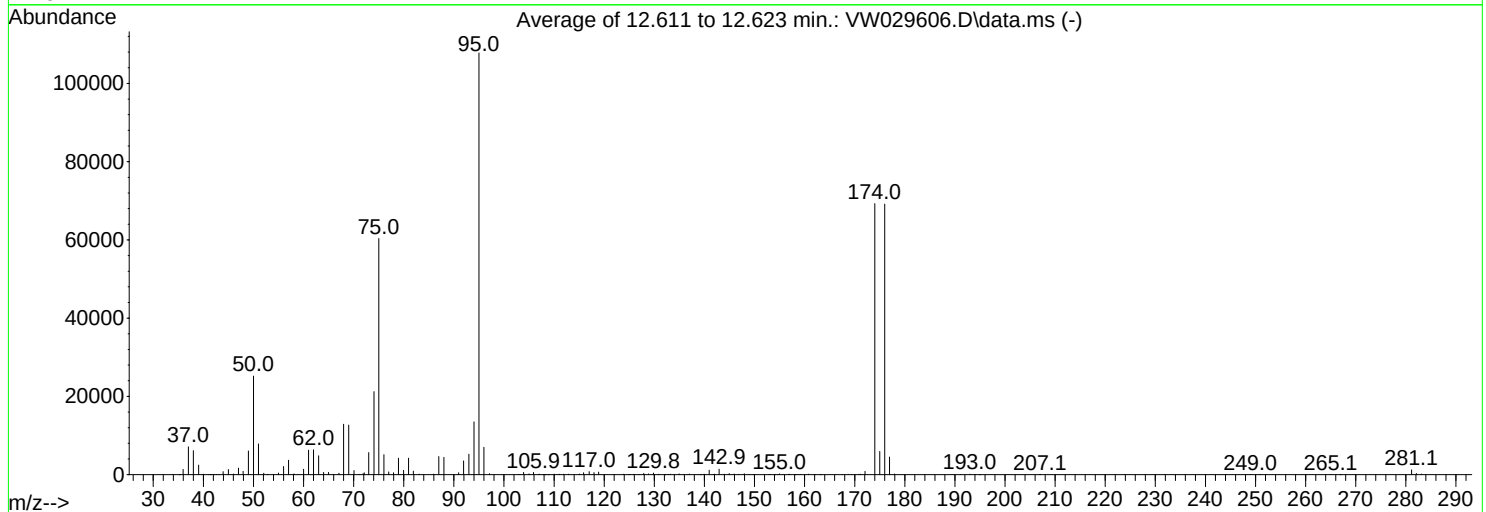
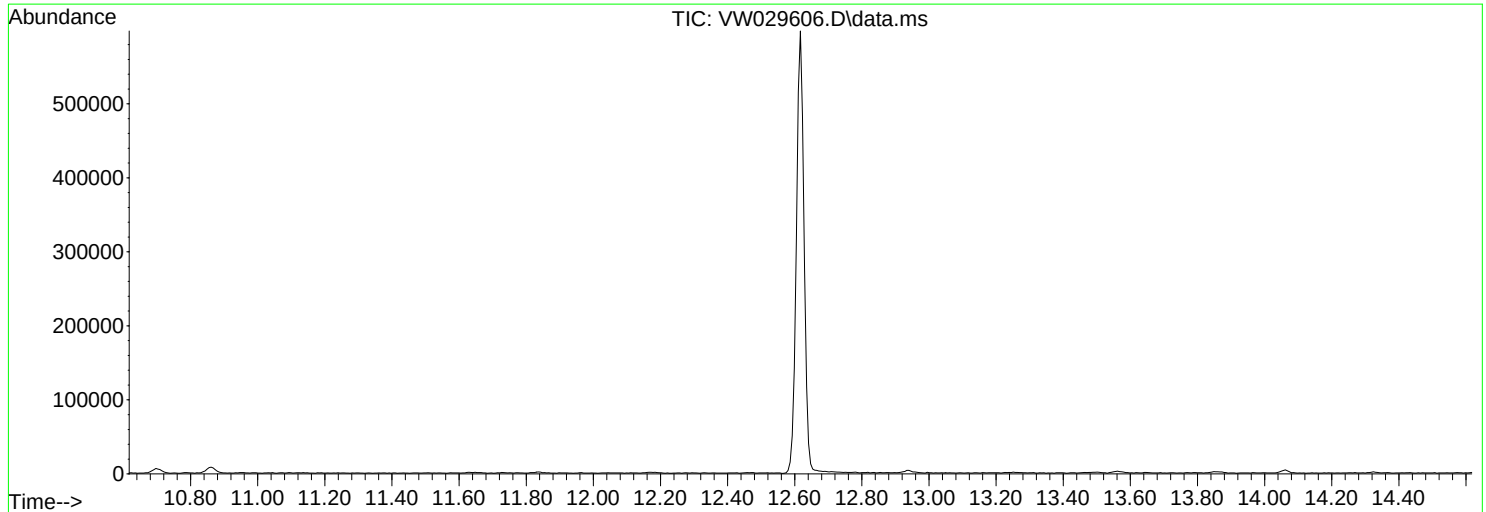


Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW071724\  
Data File : VW029606.D  
Acq On : 17 Jul 2024 07:56  
Operator : SY/MD  
Sample : BFB526  
Misc : 5.00g/10mL/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB526

Integration File: LSCINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM070824SMA.M  
Title : SFAM01.0  
Last Update : Fri Jul 19 01:07:26 2024



AutoFind: Scans 1759, 1760, 1761; Background Corrected with Scan 1751

| 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              | 23.4         | 25195      | PASS                |
| 75             | 95              | 30              | 80              | 56.0         | 60376      | PASS                |
| 95             | 95              | 100             | 100             | 100.0        | 107816     | PASS                |
| 96             | 95              | 5               | 9               | 6.5          | 7003       | PASS                |
| 173            | 174             | 0.00            | 2               | 0.0          | 0          | PASS                |
| 174            | 95              | 50              | 120             | 64.2         | 69269      | PASS                |
| 175            | 174             | 5               | 9               | 8.6          | 5943       | PASS                |
| 176            | 174             | 95              | 101             | 99.9         | 69176      | PASS                |
| 177            | 176             | 5               | 9               | 6.5          | 4517       | PASS                |

| m/z   | Abundance |
|-------|-----------|
| 35.90 | 84.0      |
| 40.00 | 293.0     |
| 41.90 | 52.0      |
| 43.90 | 217.0     |
| 50.40 | 70.0      |
| 52.90 | 51.0      |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB526

| m/z    | Abundance |
|--------|-----------|
| 35.20  | 67.0      |
| 36.00  | 1598.0    |
| 37.00  | 7377.0    |
| 38.00  | 6771.0    |
| 39.00  | 2562.0    |
| 39.90  | 444.0     |
| 41.10  | 100.0     |
| 42.10  | 72.0      |
| 42.70  | 64.0      |
| 44.00  | 931.0     |
| 45.00  | 1496.0    |
| 46.20  | 177.0     |
| 47.00  | 1903.0    |
| 48.00  | 873.0     |
| 49.00  | 6352.0    |
| 50.00  | 24952.0   |
| 51.00  | 8094.0    |
| 52.10  | 495.0     |
| 52.80  | 101.0     |
| 54.00  | 91.0      |
| 55.00  | 474.0     |
| 56.00  | 2130.0    |
| 57.00  | 3900.0    |
| 58.10  | 206.0     |
| 58.90  | 75.0      |
| 60.00  | 1439.0    |
| 61.00  | 6248.0    |
| 62.00  | 6613.0    |
| 63.00  | 4891.0    |
| 64.00  | 629.0     |
| 65.00  | 704.0     |
| 66.00  | 113.0     |
| 67.00  | 325.0     |
| 68.00  | 12761.0   |
| 69.00  | 13324.0   |
| 70.00  | 1185.0    |
| 71.20  | 101.0     |
| 71.90  | 776.0     |
| 73.00  | 5784.0    |
| 74.10  | 20000.0   |
| 75.00  | 60800.0   |
| 76.10  | 5240.0    |
| 77.10  | 718.0     |
| 78.00  | 435.0     |
| 79.00  | 4253.0    |
| 79.90  | 1105.0    |
| 81.00  | 4258.0    |
| 81.90  | 1022.0    |
| 83.10  | 93.0      |
| 87.00  | 4384.0    |
| 88.00  | 4626.0    |
| 90.00  | 52.0      |
| 91.00  | 500.0     |
| 92.00  | 3683.0    |
| 93.00  | 5282.0    |
| 94.00  | 12727.0   |
| 95.00  | 104392.0  |
| 96.00  | 7265.0    |
| 97.10  | 213.0     |
| 102.90 | 120.0     |
| 103.90 | 620.0     |
| 105.10 | 210.0     |
| 105.90 | 666.0     |
| 106.90 | 144.0     |
| 107.80 | 63.0      |
| 108.20 | 52.0      |
| 110.20 | 134.0     |
| 111.10 | 114.0     |
| 111.90 | 162.0     |
| 112.90 | 114.0     |
| 115.00 | 124.0     |
| 115.90 | 444.0     |
| 117.00 | 701.0     |
| 118.00 | 554.0     |
| 118.90 | 624.0     |
| 121.90 | 51.0      |
| 124.10 | 79.0      |
| 124.90 | 135.0     |
| 126.00 | 81.0      |
| 127.00 | 97.0      |
| 127.90 | 288.0     |
| 128.80 | 163.0     |
| 129.80 | 361.0     |
| 130.80 | 127.0     |
| 132.10 | 63.0      |
| 132.80 | 214.0     |
| 133.30 | 116.0     |
| 134.10 | 77.0      |
| 134.90 | 180.0     |
| 136.70 | 125.0     |
| 137.10 | 119.0     |
| 139.90 | 124.0     |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB526

|        |         |
|--------|---------|
| 140.90 | 992.0   |
| 141.80 | 156.0   |
| 142.90 | 1212.0  |
| 144.00 | 74.0    |
| 145.00 | 329.0   |
| 145.90 | 162.0   |
| 147.00 | 88.0    |
| 147.90 | 204.0   |
| 148.90 | 55.0    |
| 149.80 | 110.0   |
| 151.90 | 50.0    |
| 152.90 | 114.0   |
| 154.70 | 152.0   |
| 155.10 | 197.0   |
| 155.70 | 76.0    |
| 156.70 | 94.0    |
| 157.10 | 123.0   |
| 158.70 | 70.0    |
| 159.10 | 106.0   |
| 160.80 | 109.0   |
| 163.10 | 61.0    |
| 167.50 | 53.0    |
| 170.00 | 79.0    |
| 170.80 | 139.0   |
| 171.20 | 133.0   |
| 172.10 | 1021.0  |
| 174.00 | 60728.0 |
| 175.00 | 5762.0  |
| 176.00 | 60872.0 |
| 177.00 | 4444.0  |
| 178.00 | 139.0   |
| 191.10 | 101.0   |
| 193.00 | 215.0   |
| 194.10 | 79.0    |
| 194.90 | 63.0    |
| 206.90 | 150.0   |
| 249.00 | 112.0   |
| 250.70 | 81.0    |
| 251.00 | 85.0    |
| 265.10 | 94.0    |
| 266.90 | 53.0    |
| 281.10 | 1999.0  |
| 282.10 | 449.0   |
| 283.20 | 235.0   |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB526

| m/z    | Abundance |
|--------|-----------|
| 36.00  | 1517.0    |
| 37.00  | 8376.0    |
| 38.00  | 6723.0    |
| 39.10  | 2816.0    |
| 40.00  | 404.0     |
| 41.40  | 66.0      |
| 42.00  | 67.0      |
| 43.10  | 80.0      |
| 44.00  | 1072.0    |
| 45.00  | 1387.0    |
| 46.00  | 120.0     |
| 47.00  | 1811.0    |
| 48.00  | 968.0     |
| 49.00  | 6403.0    |
| 50.00  | 28864.0   |
| 51.00  | 8906.0    |
| 52.00  | 377.0     |
| 52.80  | 136.0     |
| 54.10  | 107.0     |
| 55.00  | 540.0     |
| 56.00  | 2489.0    |
| 57.00  | 4460.0    |
| 58.00  | 227.0     |
| 60.00  | 1445.0    |
| 61.00  | 7039.0    |
| 62.00  | 6974.0    |
| 63.00  | 5349.0    |
| 64.00  | 630.0     |
| 64.90  | 631.0     |
| 66.00  | 124.0     |
| 67.10  | 467.0     |
| 68.00  | 14723.0   |
| 69.00  | 13883.0   |
| 70.10  | 1066.0    |
| 71.00  | 108.0     |
| 72.10  | 733.0     |
| 73.00  | 6096.0    |
| 74.00  | 24656.0   |
| 75.00  | 67184.0   |
| 76.00  | 5735.0    |
| 76.90  | 679.0     |
| 77.90  | 579.0     |
| 78.90  | 4592.0    |
| 80.00  | 1223.0    |
| 81.00  | 4730.0    |
| 81.90  | 870.0     |
| 83.00  | 102.0     |
| 85.90  | 168.0     |
| 87.00  | 5310.0    |
| 88.00  | 5086.0    |
| 90.00  | 53.0      |
| 91.00  | 549.0     |
| 92.00  | 3866.0    |
| 93.00  | 5641.0    |
| 94.00  | 16298.0   |
| 95.00  | 121544.0  |
| 96.00  | 7589.0    |
| 97.10  | 300.0     |
| 102.80 | 89.0      |
| 103.90 | 592.0     |
| 105.00 | 233.0     |
| 105.90 | 611.0     |
| 107.10 | 159.0     |
| 110.00 | 123.0     |
| 111.00 | 179.0     |
| 111.90 | 134.0     |
| 112.90 | 172.0     |
| 115.00 | 197.0     |
| 115.90 | 640.0     |
| 117.00 | 925.0     |
| 117.90 | 557.0     |
| 118.90 | 720.0     |
| 123.90 | 132.0     |
| 125.10 | 121.0     |
| 125.80 | 56.0      |
| 126.90 | 83.0      |
| 127.90 | 377.0     |
| 128.90 | 245.0     |
| 129.90 | 503.0     |
| 130.90 | 152.0     |
| 133.20 | 118.0     |
| 134.00 | 87.0      |
| 134.90 | 254.0     |
| 135.90 | 124.0     |
| 137.00 | 185.0     |
| 138.80 | 58.0      |
| 140.00 | 154.0     |
| 141.00 | 1253.0    |
| 142.00 | 226.0     |
| 143.00 | 1659.0    |
| 143.90 | 150.0     |
| 145.00 | 283.0     |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB526

|        |         |
|--------|---------|
| 146.00 | 142.0   |
| 146.80 | 84.0    |
| 148.00 | 261.0   |
| 148.80 | 108.0   |
| 150.00 | 84.0    |
| 151.90 | 58.0    |
| 152.90 | 112.0   |
| 155.00 | 249.0   |
| 155.70 | 82.0    |
| 157.00 | 207.0   |
| 158.10 | 60.0    |
| 158.80 | 101.0   |
| 160.80 | 85.0    |
| 167.50 | 54.0    |
| 169.40 | 60.0    |
| 170.00 | 68.0    |
| 171.00 | 182.0   |
| 172.00 | 860.0   |
| 174.00 | 77488.0 |
| 175.00 | 6019.0  |
| 176.00 | 78640.0 |
| 177.00 | 5333.0  |
| 177.90 | 238.0   |
| 191.20 | 65.0    |
| 193.10 | 103.0   |
| 207.10 | 138.0   |
| 249.00 | 73.0    |
| 251.00 | 60.0    |
| 265.00 | 109.0   |
| 281.20 | 1229.0  |
| 282.10 | 408.0   |
| 283.10 | 185.0   |

|                         |
|-------------------------|
| <b>Instrument :</b>     |
| MSVOA_W                 |
| <b>ClientSampleId :</b> |
| BFB526                  |

| m/z    | Abundance |
|--------|-----------|
| 36.00  | 1136.0    |
| 37.00  | 5614.0    |
| 38.00  | 4935.0    |
| 39.00  | 1959.0    |
| 40.00  | 397.0     |
| 41.10  | 66.0      |
| 42.00  | 66.0      |
| 42.60  | 73.0      |
| 44.00  | 941.0     |
| 45.00  | 1006.0    |
| 46.00  | 154.0     |
| 47.00  | 1317.0    |
| 47.90  | 742.0     |
| 49.00  | 5354.0    |
| 50.00  | 21768.0   |
| 51.00  | 6564.0    |
| 52.00  | 302.0     |
| 52.90  | 158.0     |
| 53.90  | 68.0      |
| 55.00  | 250.0     |
| 56.00  | 1691.0    |
| 57.00  | 2706.0    |
| 58.20  | 139.0     |
| 60.00  | 1303.0    |
| 61.00  | 5443.0    |
| 62.00  | 5495.0    |
| 63.00  | 4211.0    |
| 64.00  | 513.0     |
| 65.10  | 427.0     |
| 67.10  | 267.0     |
| 68.00  | 11132.0   |
| 69.00  | 10886.0   |
| 70.00  | 948.0     |
| 72.10  | 720.0     |
| 73.00  | 5093.0    |
| 74.00  | 19048.0   |
| 75.00  | 53144.0   |
| 76.00  | 4324.0    |
| 77.00  | 660.0     |
| 78.00  | 415.0     |
| 78.90  | 3770.0    |
| 80.00  | 980.0     |
| 80.90  | 3713.0    |
| 81.90  | 810.0     |
| 83.00  | 126.0     |
| 86.00  | 209.0     |
| 87.00  | 4181.0    |
| 88.00  | 3583.0    |
| 90.90  | 399.0     |
| 91.90  | 3045.0    |
| 93.00  | 4839.0    |
| 94.00  | 11522.0   |
| 95.00  | 97512.0   |
| 96.00  | 6156.0    |
| 97.10  | 222.0     |
| 103.20 | 94.0      |
| 103.90 | 511.0     |
| 104.90 | 170.0     |
| 105.90 | 433.0     |
| 107.00 | 154.0     |
| 108.80 | 52.0      |
| 110.00 | 72.0      |
| 110.90 | 148.0     |
| 111.90 | 93.0      |
| 112.90 | 125.0     |
| 115.10 | 218.0     |
| 115.90 | 398.0     |
| 117.00 | 763.0     |
| 117.90 | 509.0     |
| 118.90 | 685.0     |
| 122.00 | 72.0      |
| 123.80 | 122.0     |
| 125.10 | 88.0      |
| 125.80 | 54.0      |
| 127.00 | 89.0      |
| 127.90 | 378.0     |
| 128.80 | 159.0     |
| 129.90 | 357.0     |
| 130.80 | 130.0     |
| 133.10 | 85.0      |
| 134.00 | 60.0      |
| 135.00 | 186.0     |
| 136.90 | 235.0     |
| 138.80 | 51.0      |
| 139.20 | 68.0      |
| 140.00 | 149.0     |
| 141.00 | 1223.0    |
| 142.00 | 173.0     |
| 142.90 | 1247.0    |
| 144.00 | 99.0      |
| 144.80 | 248.0     |
| 145.90 | 154.0     |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB526

|        |         |
|--------|---------|
| 146.80 | 97.0    |
| 148.00 | 234.0   |
| 149.00 | 114.0   |
| 149.90 | 121.0   |
| 152.00 | 127.0   |
| 153.10 | 115.0   |
| 154.00 | 68.0    |
| 154.90 | 198.0   |
| 156.80 | 175.0   |
| 159.10 | 124.0   |
| 160.80 | 132.0   |
| 161.90 | 53.0    |
| 168.70 | 77.0    |
| 169.40 | 65.0    |
| 170.00 | 56.0    |
| 172.00 | 752.0   |
| 174.00 | 69592.0 |
| 175.00 | 6047.0  |
| 176.00 | 68016.0 |
| 176.90 | 3775.0  |
| 178.00 | 125.0   |
| 192.90 | 68.0    |
| 207.00 | 57.0    |
| 281.10 | 399.0   |
| 282.00 | 72.0    |
| 283.10 | 136.0   |

**Instrument :**  
MSVOA\_W  
**ClientSampleId :**  
BFB526