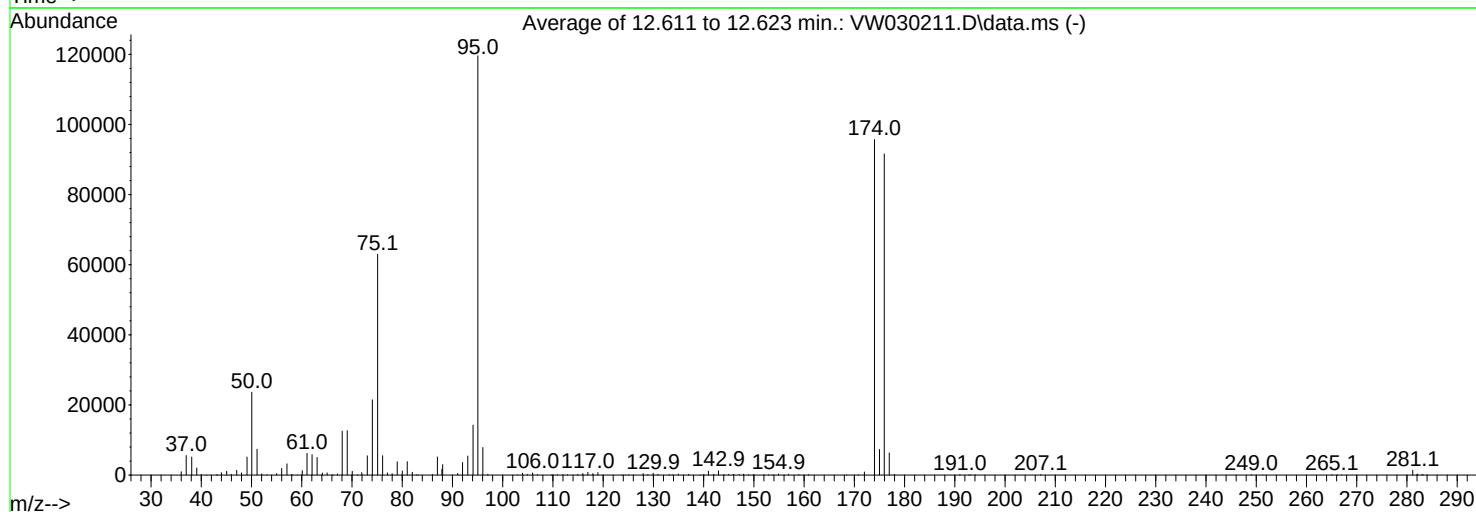
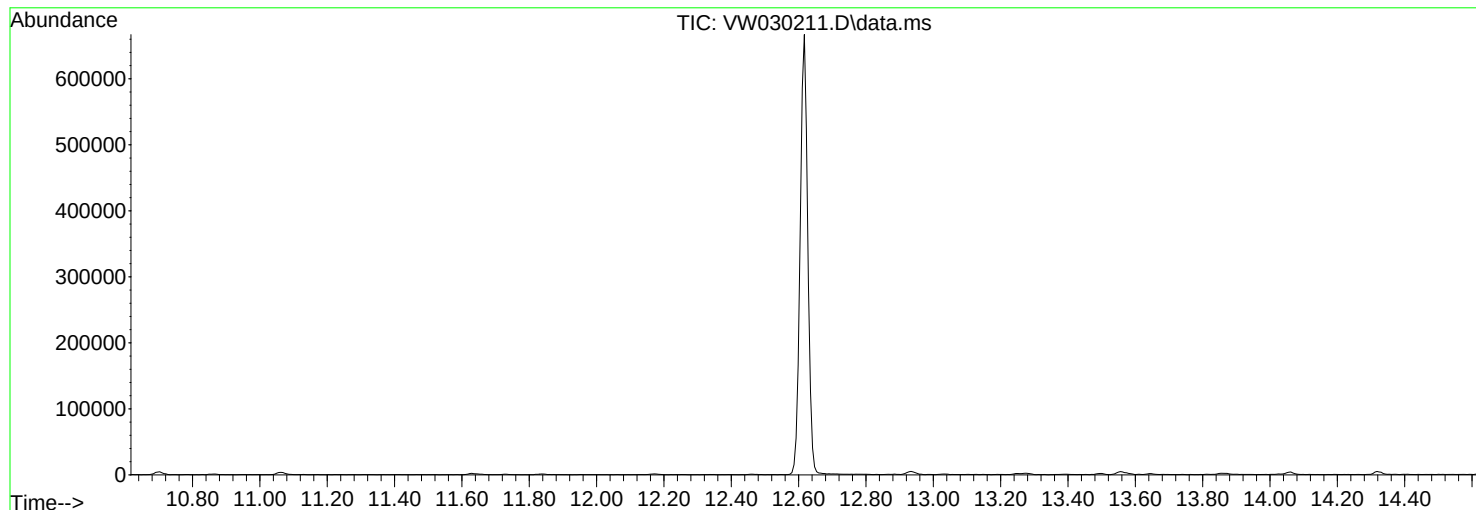


Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW092424\  
Data File : VW030211.D  
Acq On : 24 Sep 2024 08:42  
Operator : SY/MD  
Sample : BFB561  
Misc : 5.00g/10mL/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB561

Integration File: LSCINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM091624SMA.M  
Title : SFAM01.0  
Last Update : Thu Sep 26 01:18:41 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              | 19.8         | 23640      | PASS                |
| 75             | 95              | 30              | 80              | 52.7         | 62979      | PASS                |
| 95             | 95              | 100             | 100             | 100.0        | 119613     | PASS                |
| 96             | 95              | 5               | 9               | 6.6          | 7872       | PASS                |
| 173            | 174             | 0.00            | 2               | 0.0          | 0          | PASS                |
| 174            | 95              | 50              | 120             | 80.0         | 95704      | PASS                |
| 175            | 174             | 5               | 9               | 7.6          | 7318       | PASS                |
| 176            | 174             | 95              | 101             | 95.7         | 91605      | PASS                |
| 177            | 176             | 5               | 9               | 6.9          | 6326       | PASS                |

| m/z   | Abundance |
|-------|-----------|
| 40.00 | 157.0     |
| 44.00 | 216.0     |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB561

| m/z    | Abundance |
|--------|-----------|
| 36.00  | 1123.0    |
| 37.00  | 6037.0    |
| 38.10  | 5663.0    |
| 39.10  | 2467.0    |
| 40.00  | 256.0     |
| 43.10  | 96.0      |
| 44.10  | 806.0     |
| 45.00  | 1132.0    |
| 46.00  | 169.0     |
| 47.10  | 1195.0    |
| 48.00  | 736.0     |
| 49.10  | 5599.0    |
| 50.00  | 25088.0   |
| 51.10  | 7957.0    |
| 52.00  | 200.0     |
| 53.10  | 123.0     |
| 55.00  | 456.0     |
| 56.00  | 2060.0    |
| 57.10  | 3438.0    |
| 58.00  | 197.0     |
| 59.10  | 84.0      |
| 60.10  | 1386.0    |
| 61.00  | 6351.0    |
| 62.10  | 6251.0    |
| 63.00  | 5202.0    |
| 64.10  | 676.0     |
| 65.10  | 835.0     |
| 66.20  | 86.0      |
| 67.00  | 360.0     |
| 68.00  | 12829.0   |
| 69.00  | 13123.0   |
| 70.10  | 1271.0    |
| 71.10  | 78.0      |
| 72.00  | 748.0     |
| 73.10  | 5664.0    |
| 74.00  | 23144.0   |
| 75.10  | 67448.0   |
| 76.10  | 5809.0    |
| 77.20  | 521.0     |
| 78.00  | 378.0     |
| 79.00  | 3901.0    |
| 80.00  | 1402.0    |
| 81.00  | 3892.0    |
| 82.00  | 841.0     |
| 82.80  | 97.0      |
| 86.00  | 237.0     |
| 87.00  | 5425.0    |
| 87.90  | 5015.0    |
| 91.00  | 578.0     |
| 92.00  | 3413.0    |
| 93.10  | 5728.0    |
| 94.10  | 13300.0   |
| 95.10  | 122224.0  |
| 96.10  | 8153.0    |
| 97.00  | 226.0     |
| 103.00 | 68.0      |
| 104.00 | 646.0     |
| 104.80 | 206.0     |
| 106.00 | 708.0     |
| 106.90 | 196.0     |
| 110.00 | 103.0     |
| 111.00 | 122.0     |
| 112.00 | 139.0     |
| 113.00 | 126.0     |
| 115.00 | 175.0     |
| 115.90 | 484.0     |
| 117.00 | 933.0     |
| 117.90 | 403.0     |
| 119.00 | 721.0     |
| 123.80 | 73.0      |
| 125.20 | 123.0     |
| 125.90 | 75.0      |
| 128.00 | 462.0     |
| 128.90 | 175.0     |
| 130.00 | 402.0     |
| 130.90 | 183.0     |
| 133.20 | 324.0     |
| 133.80 | 73.0      |
| 135.10 | 303.0     |
| 137.00 | 215.0     |
| 139.90 | 58.0      |
| 140.90 | 1031.0    |
| 142.00 | 198.0     |
| 143.00 | 1305.0    |
| 144.10 | 122.0     |
| 145.00 | 295.0     |
| 146.00 | 242.0     |
| 147.10 | 182.0     |
| 148.00 | 257.0     |
| 149.00 | 80.0      |
| 149.90 | 155.0     |
| 152.00 | 78.0      |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB561

|        |         |
|--------|---------|
| 153.00 | 110.0   |
| 153.80 | 54.0    |
| 154.90 | 337.0   |
| 156.90 | 294.0   |
| 159.00 | 146.0   |
| 160.90 | 163.0   |
| 170.80 | 147.0   |
| 172.00 | 898.0   |
| 174.00 | 82552.0 |
| 175.10 | 6824.0  |
| 176.00 | 80816.0 |
| 177.00 | 5582.0  |
| 177.90 | 230.0   |
| 191.10 | 206.0   |
| 193.00 | 280.0   |
| 194.10 | 77.0    |
| 207.20 | 251.0   |
| 249.00 | 159.0   |
| 251.20 | 74.0    |
| 265.10 | 239.0   |
| 266.20 | 84.0    |
| 267.00 | 72.0    |
| 281.10 | 2234.0  |
| 282.10 | 588.0   |
| 283.00 | 391.0   |
| 284.10 | 85.0    |

**Instrument :**  
MSVOA\_W  
**ClientSampleId :**  
BFB561

| m/z    | Abundance |
|--------|-----------|
| 36.00  | 1009.0    |
| 37.00  | 6341.0    |
| 38.10  | 5609.0    |
| 39.10  | 2155.0    |
| 40.10  | 282.0     |
| 42.90  | 68.0      |
| 43.30  | 98.0      |
| 44.00  | 1094.0    |
| 45.10  | 1174.0    |
| 46.00  | 146.0     |
| 47.00  | 1567.0    |
| 48.00  | 563.0     |
| 49.10  | 5667.0    |
| 50.10  | 26360.0   |
| 51.10  | 8041.0    |
| 52.10  | 473.0     |
| 53.10  | 75.0      |
| 54.90  | 485.0     |
| 56.00  | 2114.0    |
| 57.00  | 3499.0    |
| 58.00  | 179.0     |
| 60.10  | 1503.0    |
| 61.00  | 6972.0    |
| 62.00  | 6711.0    |
| 63.10  | 5856.0    |
| 64.10  | 684.0     |
| 65.00  | 706.0     |
| 66.20  | 133.0     |
| 67.10  | 345.0     |
| 68.00  | 14259.0   |
| 69.10  | 14620.0   |
| 70.10  | 1123.0    |
| 71.10  | 102.0     |
| 72.00  | 802.0     |
| 73.10  | 6239.0    |
| 74.00  | 23800.0   |
| 75.10  | 69776.0   |
| 76.10  | 6413.0    |
| 77.00  | 778.0     |
| 78.00  | 484.0     |
| 79.00  | 4402.0    |
| 80.00  | 1259.0    |
| 81.00  | 4149.0    |
| 82.00  | 866.0     |
| 83.20  | 181.0     |
| 86.00  | 231.0     |
| 87.00  | 5929.0    |
| 88.10  | 5297.0    |
| 91.10  | 432.0     |
| 92.00  | 4501.0    |
| 93.10  | 6002.0    |
| 94.10  | 16440.0   |
| 95.10  | 134656.0  |
| 96.00  | 8954.0    |
| 97.00  | 307.0     |
| 103.90 | 590.0     |
| 104.90 | 240.0     |
| 106.00 | 642.0     |
| 107.00 | 153.0     |
| 109.70 | 53.0      |
| 110.90 | 111.0     |
| 112.00 | 84.0      |
| 112.80 | 108.0     |
| 115.00 | 199.0     |
| 115.90 | 539.0     |
| 116.90 | 835.0     |
| 118.00 | 458.0     |
| 119.00 | 789.0     |
| 123.70 | 52.0      |
| 124.50 | 59.0      |
| 125.10 | 105.0     |
| 127.80 | 423.0     |
| 128.80 | 184.0     |
| 130.00 | 703.0     |
| 131.00 | 204.0     |
| 133.00 | 92.0      |
| 133.70 | 68.0      |
| 134.90 | 338.0     |
| 135.90 | 50.0      |
| 137.00 | 203.0     |
| 140.10 | 112.0     |
| 141.00 | 1125.0    |
| 142.10 | 292.0     |
| 143.00 | 1137.0    |
| 144.00 | 114.0     |
| 145.00 | 218.0     |
| 146.00 | 154.0     |
| 147.10 | 98.0      |
| 147.90 | 218.0     |
| 149.00 | 86.0      |
| 150.00 | 189.0     |
| 152.00 | 100.0     |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB561

|        |          |
|--------|----------|
| 152.90 | 118.0    |
| 153.80 | 75.0     |
| 154.90 | 371.0    |
| 156.00 | 51.0     |
| 156.90 | 291.0    |
| 159.00 | 152.0    |
| 160.80 | 140.0    |
| 170.80 | 133.0    |
| 172.00 | 983.0    |
| 174.00 | 112656.0 |
| 174.90 | 7390.0   |
| 176.00 | 100960.0 |
| 176.90 | 7756.0   |
| 177.90 | 232.0    |
| 190.90 | 206.0    |
| 193.10 | 158.0    |
| 207.10 | 104.0    |
| 249.00 | 161.0    |
| 265.00 | 129.0    |
| 281.20 | 1118.0   |
| 282.20 | 317.0    |
| 283.20 | 332.0    |
| 284.10 | 60.0     |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB561

| m/z    | Abundance |
|--------|-----------|
| 36.00  | 727.0     |
| 37.00  | 4376.0    |
| 38.10  | 4148.0    |
| 39.00  | 1438.0    |
| 39.90  | 238.0     |
| 41.10  | 55.0      |
| 43.20  | 60.0      |
| 44.10  | 731.0     |
| 45.00  | 916.0     |
| 46.00  | 99.0      |
| 47.00  | 1259.0    |
| 48.00  | 572.0     |
| 49.10  | 4183.0    |
| 50.10  | 19472.0   |
| 51.10  | 6141.0    |
| 52.00  | 308.0     |
| 52.90  | 101.0     |
| 55.10  | 352.0     |
| 56.00  | 1535.0    |
| 57.10  | 2695.0    |
| 58.20  | 92.0      |
| 60.00  | 957.0     |
| 61.10  | 5236.0    |
| 62.10  | 4570.0    |
| 63.10  | 4025.0    |
| 64.00  | 406.0     |
| 65.10  | 356.0     |
| 66.20  | 100.0     |
| 67.20  | 325.0     |
| 68.10  | 10532.0   |
| 69.10  | 10265.0   |
| 70.00  | 898.0     |
| 71.10  | 73.0      |
| 71.90  | 588.0     |
| 73.00  | 4558.0    |
| 74.10  | 17448.0   |
| 75.10  | 51712.0   |
| 76.10  | 4377.0    |
| 77.00  | 602.0     |
| 78.00  | 339.0     |
| 79.00  | 3067.0    |
| 80.00  | 950.0     |
| 81.00  | 3452.0    |
| 82.00  | 687.0     |
| 83.10  | 89.0      |
| 87.00  | 4139.0    |
| 88.00  | 3645.0    |
| 91.00  | 404.0     |
| 92.00  | 2820.0    |
| 93.00  | 4588.0    |
| 94.10  | 13054.0   |
| 95.00  | 101960.0  |
| 96.00  | 6509.0    |
| 97.10  | 214.0     |
| 103.00 | 79.0      |
| 103.90 | 413.0     |
| 105.00 | 212.0     |
| 105.90 | 498.0     |
| 107.00 | 127.0     |
| 110.80 | 96.0      |
| 111.90 | 64.0      |
| 112.90 | 82.0      |
| 114.80 | 175.0     |
| 116.00 | 343.0     |
| 117.00 | 639.0     |
| 118.00 | 428.0     |
| 118.90 | 635.0     |
| 123.70 | 74.0      |
| 125.00 | 76.0      |
| 126.00 | 71.0      |
| 128.00 | 430.0     |
| 129.00 | 196.0     |
| 129.90 | 550.0     |
| 130.80 | 165.0     |
| 133.30 | 54.0      |
| 134.90 | 261.0     |
| 137.00 | 227.0     |
| 139.30 | 53.0      |
| 139.90 | 115.0     |
| 141.00 | 1206.0    |
| 142.10 | 124.0     |
| 142.90 | 1188.0    |
| 144.00 | 76.0      |
| 145.00 | 167.0     |
| 145.90 | 232.0     |
| 148.00 | 281.0     |
| 148.90 | 123.0     |
| 149.90 | 139.0     |
| 152.90 | 91.0      |
| 153.80 | 81.0      |
| 154.90 | 243.0     |
| 156.90 | 164.0     |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB561

|        |         |
|--------|---------|
| 158.90 | 132.0   |
| 161.00 | 148.0   |
| 168.50 | 53.0    |
| 172.00 | 774.0   |
| 174.00 | 91904.0 |
| 175.00 | 7741.0  |
| 175.90 | 93040.0 |
| 177.00 | 5640.0  |
| 178.00 | 172.0   |
| 190.90 | 64.0    |
| 192.80 | 75.0    |
| 207.00 | 73.0    |
| 281.10 | 763.0   |
| 281.90 | 173.0   |
| 283.20 | 74.0    |

**Instrument :**  
MSVOA\_W  
**ClientSampleId :**  
BFB561