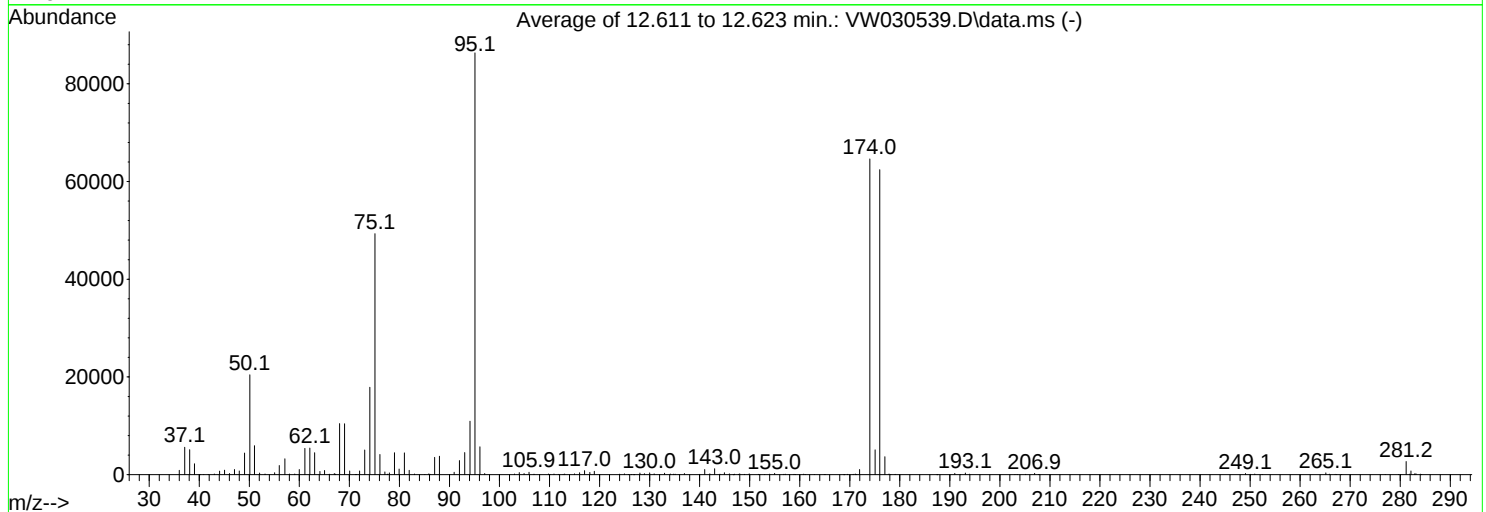
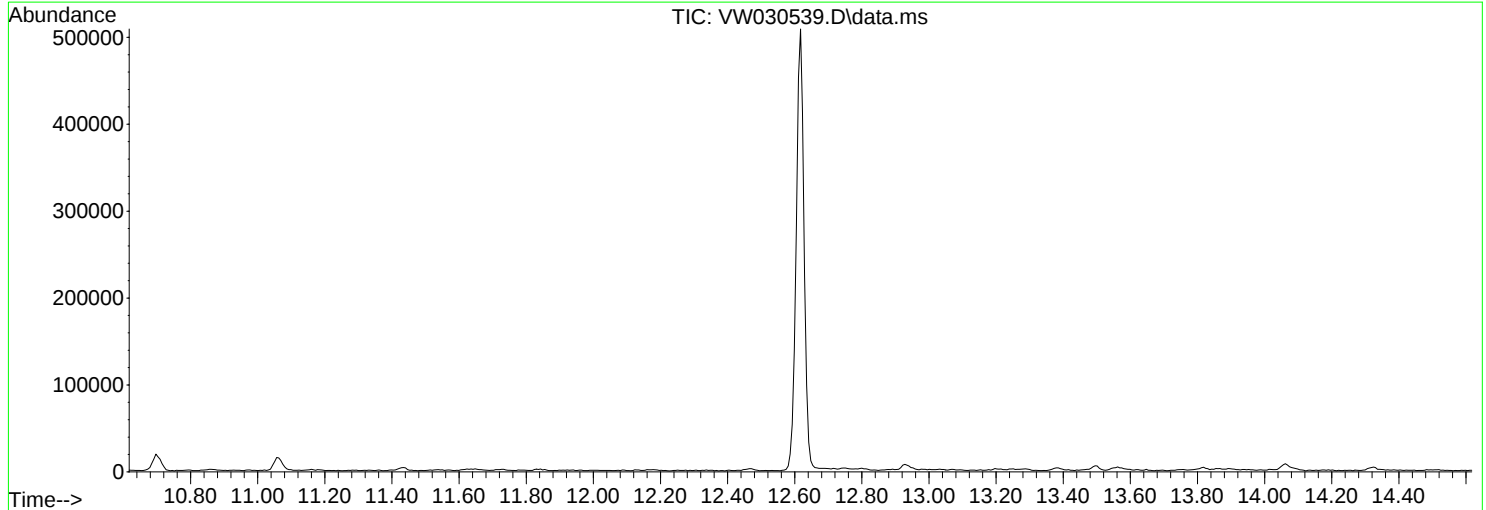


Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW101124\  
Data File : VW030539.D  
Acq On : 11 Oct 2024 10:12  
Operator : SY/MD  
Sample : BFB574  
Misc : 5.00g/10mL/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB574

Integration File: LSCINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM100924SMA.M  
Title : SFAM01.0  
Last Update : Tue Oct 15 01:09:12 2024



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

| Target | Rel. to | Lower  | Upper  | Rel.  | Raw   | Result    |
|--------|---------|--------|--------|-------|-------|-----------|
| Mass   | Mass    | Limit% | Limit% | Abn%  | Abn   | Pass/Fail |
| 50     | 95      | 15     | 40     | 23.7  | 20427 | PASS      |
| 75     | 95      | 30     | 80     | 57.1  | 49317 | PASS      |
| 95     | 95      | 100    | 100    | 100.0 | 86341 | PASS      |
| 96     | 95      | 5      | 9      | 6.6   | 5696  | PASS      |
| 173    | 174     | 0.00   | 2      | 0.0   | 0     | PASS      |
| 174    | 95      | 50     | 120    | 74.9  | 64635 | PASS      |
| 175    | 174     | 5      | 9      | 7.8   | 5068  | PASS      |
| 176    | 174     | 95     | 101    | 96.6  | 62424 | PASS      |
| 177    | 176     | 5      | 9      | 5.9   | 3658  | PASS      |

| m/z    | Abundance |
|--------|-----------|
| 35.50  | 75.0      |
| 35.90  | 95.0      |
| 36.50  | 61.0      |
| 37.50  | 95.0      |
| 38.10  | 64.0      |
| 39.00  | 57.0      |
| 39.90  | 270.0     |
| 40.80  | 65.0      |
| 42.00  | 104.0     |
| 44.10  | 237.0     |
| 45.50  | 72.0      |
| 48.30  | 54.0      |
| 51.30  | 64.0      |
| 52.90  | 60.0      |
| 54.20  | 58.0      |
| 55.90  | 55.0      |
| 60.70  | 77.0      |
| 61.20  | 70.0      |
| 81.10  | 61.0      |
| 84.20  | 65.0      |
| 103.80 | 54.0      |
| 219.00 | 55.0      |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB574

| m/z    | Abundance |
|--------|-----------|
| 36.00  | 1151.0    |
| 37.10  | 5961.0    |
| 38.10  | 5581.0    |
| 39.10  | 2525.0    |
| 40.10  | 298.0     |
| 41.10  | 126.0     |
| 42.00  | 82.0      |
| 43.00  | 173.0     |
| 44.00  | 1002.0    |
| 45.00  | 889.0     |
| 46.10  | 264.0     |
| 47.00  | 966.0     |
| 48.10  | 796.0     |
| 49.00  | 4571.0    |
| 50.10  | 20904.0   |
| 51.10  | 6168.0    |
| 52.10  | 351.0     |
| 53.20  | 157.0     |
| 54.10  | 88.0      |
| 55.10  | 410.0     |
| 56.10  | 1761.0    |
| 57.10  | 3237.0    |
| 58.00  | 140.0     |
| 59.10  | 132.0     |
| 60.00  | 1006.0    |
| 61.10  | 5953.0    |
| 62.10  | 6057.0    |
| 63.10  | 4821.0    |
| 64.20  | 672.0     |
| 65.10  | 883.0     |
| 66.10  | 130.0     |
| 67.00  | 319.0     |
| 68.00  | 10117.0   |
| 69.00  | 9799.0    |
| 70.00  | 769.0     |
| 71.20  | 87.0      |
| 72.10  | 553.0     |
| 73.10  | 5404.0    |
| 74.10  | 18424.0   |
| 75.10  | 48136.0   |
| 76.10  | 4346.0    |
| 77.00  | 329.0     |
| 77.60  | 283.0     |
| 78.10  | 296.0     |
| 79.00  | 4595.0    |
| 80.00  | 1201.0    |
| 81.00  | 4882.0    |
| 82.00  | 1022.0    |
| 83.00  | 98.0      |
| 85.10  | 59.0      |
| 85.90  | 307.0     |
| 87.10  | 3742.0    |
| 88.00  | 3838.0    |
| 91.00  | 412.0     |
| 92.00  | 2785.0    |
| 93.00  | 4521.0    |
| 94.10  | 10733.0   |
| 95.10  | 87664.0   |
| 96.10  | 5324.0    |
| 97.00  | 260.0     |
| 103.00 | 150.0     |
| 104.00 | 522.0     |
| 104.90 | 255.0     |
| 105.90 | 551.0     |
| 107.00 | 136.0     |
| 108.00 | 65.0      |
| 109.90 | 124.0     |
| 111.00 | 117.0     |
| 111.80 | 85.0      |
| 113.00 | 284.0     |
| 115.10 | 185.0     |
| 116.00 | 477.0     |
| 117.00 | 811.0     |
| 118.00 | 497.0     |
| 118.90 | 742.0     |
| 120.00 | 81.0      |
| 124.00 | 94.0      |
| 125.00 | 242.0     |
| 125.80 | 85.0      |
| 126.40 | 61.0      |
| 128.10 | 341.0     |
| 129.00 | 156.0     |
| 130.00 | 328.0     |
| 131.00 | 157.0     |
| 132.00 | 61.0      |
| 133.00 | 581.0     |
| 134.30 | 156.0     |
| 134.80 | 162.0     |
| 136.90 | 184.0     |
| 141.00 | 944.0     |
| 142.10 | 154.0     |
| 143.00 | 1329.0    |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB574

|        |         |
|--------|---------|
| 144.00 | 94.0    |
| 144.90 | 457.0   |
| 146.00 | 193.0   |
| 147.00 | 95.0    |
| 147.80 | 181.0   |
| 149.00 | 63.0    |
| 150.00 | 142.0   |
| 151.80 | 86.0    |
| 153.00 | 65.0    |
| 154.00 | 74.0    |
| 155.00 | 192.0   |
| 157.10 | 166.0   |
| 158.90 | 103.0   |
| 160.90 | 145.0   |
| 162.90 | 65.0    |
| 164.90 | 74.0    |
| 168.80 | 55.0    |
| 171.10 | 376.0   |
| 171.90 | 1123.0  |
| 174.00 | 59168.0 |
| 175.00 | 4666.0  |
| 176.00 | 54568.0 |
| 177.00 | 3610.0  |
| 177.80 | 210.0   |
| 179.00 | 126.0   |
| 191.00 | 403.0   |
| 192.10 | 132.0   |
| 193.10 | 562.0   |
| 193.90 | 103.0   |
| 203.00 | 71.0    |
| 203.40 | 66.0    |
| 205.10 | 103.0   |
| 206.90 | 332.0   |
| 208.00 | 71.0    |
| 249.10 | 325.0   |
| 250.00 | 102.0   |
| 251.00 | 170.0   |
| 252.40 | 63.0    |
| 265.10 | 641.0   |
| 265.90 | 184.0   |
| 267.00 | 221.0   |
| 268.30 | 86.0    |
| 277.00 | 75.0    |
| 279.70 | 77.0    |
| 281.20 | 4098.0  |
| 282.10 | 1198.0  |
| 282.90 | 536.0   |
| 284.10 | 203.0   |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB574

| m/z    | Abundance |
|--------|-----------|
| 36.10  | 931.0     |
| 37.10  | 6144.0    |
| 38.10  | 5641.0    |
| 39.10  | 2599.0    |
| 40.00  | 288.0     |
| 41.00  | 116.0     |
| 42.10  | 76.0      |
| 43.10  | 141.0     |
| 44.00  | 901.0     |
| 45.10  | 1008.0    |
| 46.00  | 232.0     |
| 47.10  | 1271.0    |
| 48.00  | 732.0     |
| 49.10  | 5093.0    |
| 50.10  | 23288.0   |
| 51.00  | 6681.0    |
| 52.00  | 411.0     |
| 53.20  | 158.0     |
| 54.10  | 86.0      |
| 55.00  | 419.0     |
| 56.00  | 2355.0    |
| 57.10  | 3830.0    |
| 58.10  | 112.0     |
| 59.20  | 124.0     |
| 60.00  | 1203.0    |
| 61.10  | 5992.0    |
| 62.10  | 5979.0    |
| 63.10  | 4890.0    |
| 64.10  | 781.0     |
| 65.00  | 880.0     |
| 65.90  | 102.0     |
| 67.00  | 393.0     |
| 68.10  | 12311.0   |
| 69.10  | 12185.0   |
| 70.10  | 769.0     |
| 71.90  | 552.0     |
| 72.20  | 580.0     |
| 73.10  | 5434.0    |
| 74.10  | 19472.0   |
| 75.10  | 55816.0   |
| 76.10  | 4716.0    |
| 77.10  | 775.0     |
| 78.00  | 374.0     |
| 79.00  | 5301.0    |
| 80.00  | 1256.0    |
| 81.00  | 4838.0    |
| 81.90  | 909.0     |
| 83.00  | 135.0     |
| 85.90  | 203.0     |
| 87.00  | 4115.0    |
| 88.00  | 4117.0    |
| 91.00  | 563.0     |
| 92.00  | 3110.0    |
| 93.00  | 4899.0    |
| 94.10  | 12430.0   |
| 95.10  | 97600.0   |
| 96.10  | 6633.0    |
| 97.10  | 269.0     |
| 103.10 | 176.0     |
| 104.00 | 492.0     |
| 104.80 | 271.0     |
| 105.90 | 405.0     |
| 108.00 | 73.0      |
| 109.70 | 115.0     |
| 110.10 | 118.0     |
| 110.80 | 207.0     |
| 111.90 | 60.0      |
| 113.10 | 100.0     |
| 114.90 | 155.0     |
| 116.00 | 448.0     |
| 117.00 | 1062.0    |
| 118.10 | 496.0     |
| 119.00 | 819.0     |
| 124.00 | 119.0     |
| 124.80 | 93.0      |
| 125.10 | 92.0      |
| 126.80 | 56.0      |
| 128.00 | 335.0     |
| 128.90 | 285.0     |
| 129.90 | 318.0     |
| 130.90 | 195.0     |
| 133.10 | 189.0     |
| 134.10 | 115.0     |
| 134.80 | 117.0     |
| 135.20 | 137.0     |
| 135.90 | 62.0      |
| 136.90 | 229.0     |
| 140.00 | 137.0     |
| 141.00 | 1229.0    |
| 142.10 | 168.0     |
| 143.00 | 1270.0    |
| 144.10 | 197.0     |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB574

|        |         |
|--------|---------|
| 145.00 | 455.0   |
| 146.00 | 166.0   |
| 146.90 | 158.0   |
| 148.00 | 267.0   |
| 148.90 | 98.0    |
| 150.00 | 163.0   |
| 151.80 | 76.0    |
| 153.00 | 83.0    |
| 154.00 | 119.0   |
| 155.00 | 290.0   |
| 156.80 | 224.0   |
| 158.80 | 78.0    |
| 160.70 | 142.0   |
| 165.10 | 65.0    |
| 169.70 | 68.0    |
| 172.00 | 1182.0  |
| 174.00 | 68176.0 |
| 175.00 | 5570.0  |
| 176.00 | 69984.0 |
| 177.00 | 3602.0  |
| 178.20 | 149.0   |
| 179.10 | 54.0    |
| 191.00 | 231.0   |
| 193.10 | 332.0   |
| 193.90 | 105.0   |
| 203.50 | 61.0    |
| 205.20 | 73.0    |
| 207.00 | 265.0   |
| 207.90 | 75.0    |
| 249.10 | 224.0   |
| 250.10 | 58.0    |
| 251.00 | 182.0   |
| 265.20 | 236.0   |
| 265.80 | 97.0    |
| 281.20 | 2661.0  |
| 282.20 | 750.0   |
| 283.10 | 387.0   |
| 283.90 | 65.0    |
| 284.30 | 61.0    |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB574

| m/z    | Abundance |
|--------|-----------|
| 36.00  | 895.0     |
| 37.10  | 4744.0    |
| 38.10  | 4272.0    |
| 39.10  | 1700.0    |
| 40.20  | 238.0     |
| 40.90  | 82.0      |
| 41.80  | 132.0     |
| 42.90  | 114.0     |
| 44.10  | 998.0     |
| 45.00  | 880.0     |
| 46.10  | 197.0     |
| 47.00  | 908.0     |
| 47.90  | 740.0     |
| 49.10  | 3636.0    |
| 50.10  | 17088.0   |
| 51.10  | 4982.0    |
| 52.10  | 272.0     |
| 53.10  | 127.0     |
| 55.10  | 328.0     |
| 56.10  | 1609.0    |
| 57.10  | 2697.0    |
| 58.00  | 126.0     |
| 59.00  | 94.0      |
| 60.00  | 941.0     |
| 61.10  | 4389.0    |
| 62.10  | 4264.0    |
| 63.00  | 3768.0    |
| 64.00  | 544.0     |
| 65.00  | 792.0     |
| 66.00  | 74.0      |
| 67.20  | 251.0     |
| 68.00  | 8960.0    |
| 69.10  | 9255.0    |
| 70.00  | 714.0     |
| 71.40  | 147.0     |
| 72.00  | 626.0     |
| 73.00  | 4272.0    |
| 74.10  | 15710.0   |
| 75.10  | 44000.0   |
| 76.10  | 3348.0    |
| 77.20  | 556.0     |
| 77.90  | 389.0     |
| 79.00  | 3560.0    |
| 79.90  | 969.0     |
| 81.00  | 3810.0    |
| 82.00  | 735.0     |
| 83.00  | 123.0     |
| 86.10  | 204.0     |
| 87.00  | 2761.0    |
| 88.00  | 3327.0    |
| 90.90  | 458.0     |
| 92.00  | 2776.0    |
| 93.10  | 4161.0    |
| 94.10  | 9703.0    |
| 95.10  | 73760.0   |
| 96.10  | 5132.0    |
| 97.10  | 189.0     |
| 102.90 | 93.0      |
| 104.00 | 432.0     |
| 105.00 | 173.0     |
| 105.90 | 526.0     |
| 106.80 | 173.0     |
| 109.80 | 147.0     |
| 111.00 | 72.0      |
| 111.80 | 85.0      |
| 112.70 | 155.0     |
| 115.00 | 175.0     |
| 115.90 | 258.0     |
| 117.00 | 627.0     |
| 118.00 | 420.0     |
| 119.00 | 538.0     |
| 124.00 | 66.0      |
| 124.80 | 84.0      |
| 128.10 | 280.0     |
| 129.00 | 145.0     |
| 130.10 | 410.0     |
| 130.80 | 167.0     |
| 133.00 | 161.0     |
| 134.00 | 96.0      |
| 135.00 | 168.0     |
| 137.00 | 240.0     |
| 139.80 | 73.0      |
| 141.00 | 999.0     |
| 141.90 | 175.0     |
| 143.00 | 1000.0    |
| 144.20 | 54.0      |
| 145.00 | 308.0     |
| 145.90 | 120.0     |
| 146.70 | 58.0      |
| 148.00 | 245.0     |
| 148.90 | 67.0      |
| 149.80 | 185.0     |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB574

|        |         |
|--------|---------|
| 152.00 | 84.0    |
| 154.00 | 140.0   |
| 154.80 | 155.0   |
| 155.10 | 153.0   |
| 157.10 | 120.0   |
| 157.90 | 74.0    |
| 159.10 | 88.0    |
| 161.10 | 120.0   |
| 169.50 | 115.0   |
| 170.70 | 202.0   |
| 171.30 | 117.0   |
| 171.90 | 825.0   |
| 174.00 | 66560.0 |
| 175.10 | 4969.0  |
| 176.00 | 62720.0 |
| 177.00 | 3761.0  |
| 177.90 | 144.0   |
| 187.40 | 55.0    |
| 191.10 | 113.0   |
| 193.10 | 111.0   |
| 194.00 | 71.0    |
| 207.00 | 148.0   |
| 207.70 | 65.0    |
| 249.10 | 123.0   |
| 250.80 | 57.0    |
| 265.10 | 179.0   |
| 267.30 | 63.0    |
| 280.10 | 78.0    |
| 281.20 | 1328.0  |
| 281.90 | 328.0   |
| 282.30 | 288.0   |
| 283.20 | 209.0   |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB574