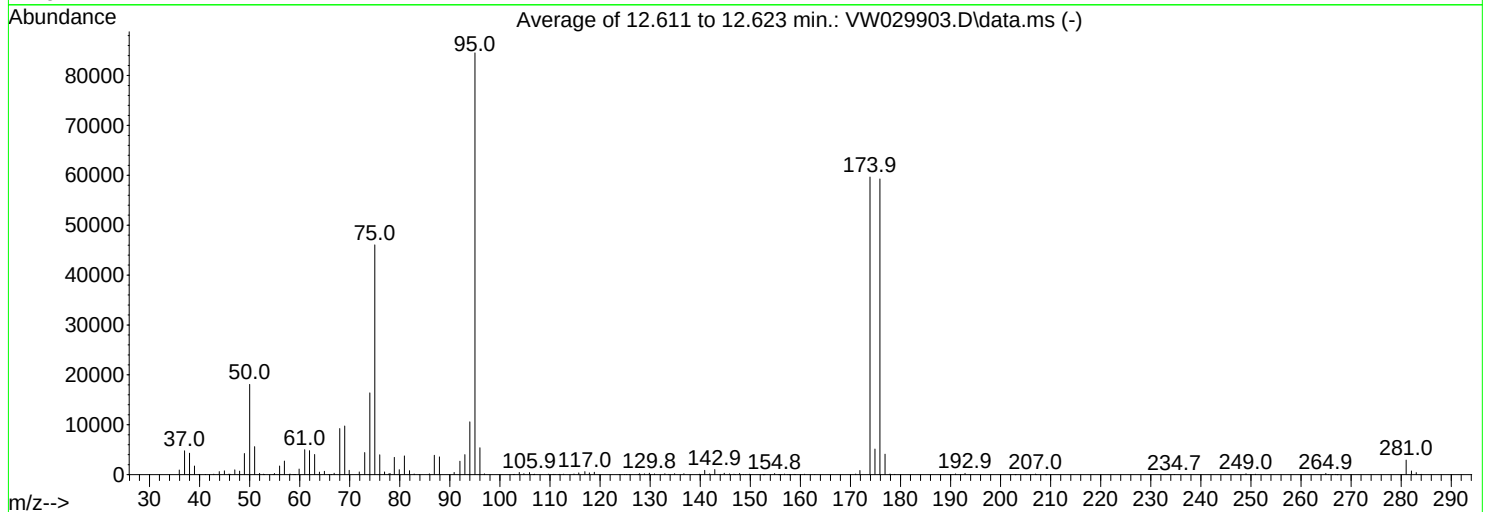
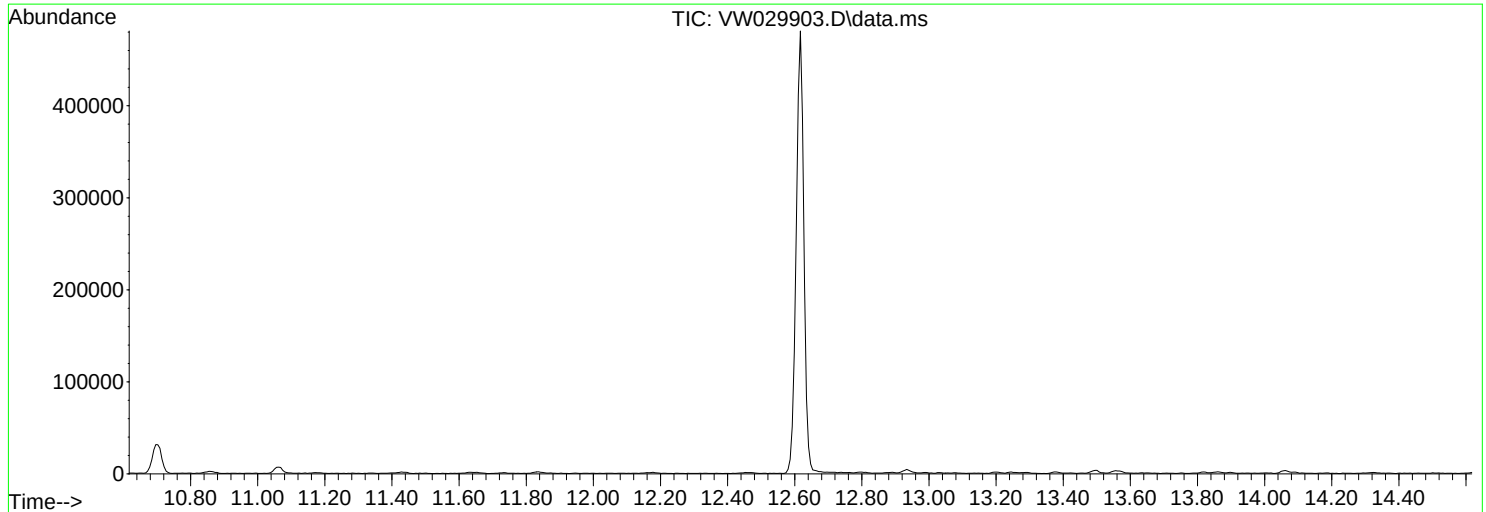


Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW081524\  
Data File : VW029903.D  
Acq On : 15 Aug 2024 08:56  
Operator : SY/MD  
Sample : BFB545  
Misc : 5.00g/10mL/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB545

Integration File: LSCINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM072424SMA.M  
Title : SFAM01.0  
Last Update : Sat Aug 17 00:33:10 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              | 21.4         | 18089      | PASS                |
| 75             | 95              | 30              | 80              | 54.5         | 46051      | PASS                |
| 95             | 95              | 100             | 100             | 100.0        | 84539      | PASS                |
| 96             | 95              | 5               | 9               | 6.4          | 5394       | PASS                |
| 173            | 174             | 0.00            | 2               | 0.0          | 0          | PASS                |
| 174            | 95              | 50              | 120             | 70.6         | 59645      | PASS                |
| 175            | 174             | 5               | 9               | 8.6          | 5128       | PASS                |
| 176            | 174             | 95              | 101             | 99.4         | 59261      | PASS                |
| 177            | 176             | 5               | 9               | 6.9          | 4116       | PASS                |

| m/z   | Abundance |
|-------|-----------|
| 37.00 | 54.0      |
| 39.90 | 118.0     |
| 40.80 | 63.0      |
| 43.90 | 196.0     |
| 48.60 | 54.0      |
| 53.90 | 76.0      |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB545

| m/z    | Abundance |
|--------|-----------|
| 35.90  | 979.0     |
| 37.00  | 5031.0    |
| 38.00  | 4585.0    |
| 39.00  | 1886.0    |
| 40.00  | 212.0     |
| 41.10  | 52.0      |
| 42.80  | 110.0     |
| 44.00  | 919.0     |
| 45.00  | 873.0     |
| 45.90  | 193.0     |
| 47.00  | 999.0     |
| 48.00  | 752.0     |
| 49.00  | 4610.0    |
| 50.00  | 18592.0   |
| 51.00  | 5752.0    |
| 52.00  | 267.0     |
| 52.80  | 184.0     |
| 55.00  | 325.0     |
| 56.00  | 1744.0    |
| 57.00  | 2847.0    |
| 58.10  | 142.0     |
| 59.00  | 99.0      |
| 59.90  | 1146.0    |
| 61.00  | 5399.0    |
| 62.00  | 5260.0    |
| 63.00  | 4176.0    |
| 63.90  | 541.0     |
| 65.00  | 846.0     |
| 65.90  | 106.0     |
| 66.30  | 98.0      |
| 66.90  | 319.0     |
| 68.00  | 9189.0    |
| 69.00  | 9855.0    |
| 69.90  | 874.0     |
| 71.90  | 540.0     |
| 73.00  | 4691.0    |
| 74.00  | 16308.0   |
| 75.00  | 46488.0   |
| 76.00  | 3791.0    |
| 77.00  | 569.0     |
| 78.10  | 431.0     |
| 78.90  | 3683.0    |
| 79.90  | 1015.0    |
| 80.90  | 3994.0    |
| 81.90  | 924.0     |
| 82.80  | 105.0     |
| 83.90  | 77.0      |
| 85.90  | 239.0     |
| 86.90  | 4085.0    |
| 87.90  | 3805.0    |
| 90.90  | 496.0     |
| 92.00  | 2435.0    |
| 93.00  | 3742.0    |
| 94.00  | 10625.0   |
| 95.00  | 84296.0   |
| 96.00  | 5454.0    |
| 96.90  | 160.0     |
| 102.70 | 107.0     |
| 103.90 | 479.0     |
| 104.70 | 208.0     |
| 105.90 | 473.0     |
| 106.70 | 102.0     |
| 109.80 | 115.0     |
| 110.60 | 93.0      |
| 111.10 | 92.0      |
| 111.80 | 65.0      |
| 112.70 | 77.0      |
| 114.80 | 185.0     |
| 115.70 | 278.0     |
| 117.00 | 616.0     |
| 117.80 | 407.0     |
| 118.80 | 528.0     |
| 124.90 | 92.0      |
| 125.40 | 55.0      |
| 127.70 | 219.0     |
| 128.80 | 161.0     |
| 129.80 | 252.0     |
| 130.80 | 157.0     |
| 132.90 | 322.0     |
| 133.70 | 99.0      |
| 134.90 | 209.0     |
| 136.80 | 204.0     |
| 139.80 | 87.0      |
| 140.90 | 898.0     |
| 141.80 | 146.0     |
| 142.90 | 1214.0    |
| 143.90 | 112.0     |
| 144.80 | 434.0     |
| 145.80 | 171.0     |
| 146.80 | 143.0     |
| 147.80 | 191.0     |
| 149.10 | 67.0      |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB545

|        |         |
|--------|---------|
| 149.90 | 75.0    |
| 152.60 | 57.0    |
| 154.80 | 212.0   |
| 156.20 | 64.0    |
| 156.90 | 152.0   |
| 158.90 | 53.0    |
| 160.90 | 91.0    |
| 162.90 | 72.0    |
| 171.00 | 258.0   |
| 171.90 | 917.0   |
| 173.90 | 48928.0 |
| 174.90 | 4721.0  |
| 175.90 | 46224.0 |
| 176.90 | 3921.0  |
| 178.00 | 128.0   |
| 178.90 | 114.0   |
| 191.00 | 264.0   |
| 192.00 | 82.0    |
| 192.90 | 457.0   |
| 193.90 | 137.0   |
| 202.90 | 54.0    |
| 205.10 | 95.0    |
| 207.10 | 203.0   |
| 209.00 | 57.0    |
| 234.70 | 67.0    |
| 249.10 | 254.0   |
| 249.90 | 96.0    |
| 250.90 | 129.0   |
| 264.90 | 337.0   |
| 266.30 | 80.0    |
| 266.90 | 103.0   |
| 281.00 | 5282.0  |
| 282.00 | 1274.0  |
| 283.00 | 599.0   |
| 283.80 | 83.0    |
| 284.20 | 107.0   |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB545

| m/z    | Abundance |
|--------|-----------|
| 36.00  | 1073.0    |
| 37.00  | 5526.0    |
| 38.00  | 4954.0    |
| 39.00  | 1978.0    |
| 39.90  | 195.0     |
| 41.20  | 50.0      |
| 42.80  | 73.0      |
| 44.00  | 939.0     |
| 44.90  | 827.0     |
| 45.90  | 181.0     |
| 47.10  | 1144.0    |
| 48.00  | 754.0     |
| 49.00  | 4878.0    |
| 50.00  | 20448.0   |
| 51.00  | 6272.0    |
| 52.00  | 298.0     |
| 53.00  | 123.0     |
| 54.10  | 61.0      |
| 54.90  | 371.0     |
| 56.00  | 1998.0    |
| 57.00  | 3182.0    |
| 58.00  | 143.0     |
| 58.70  | 93.0      |
| 59.20  | 90.0      |
| 59.90  | 1330.0    |
| 61.00  | 5643.0    |
| 61.90  | 5354.0    |
| 63.00  | 4534.0    |
| 63.90  | 565.0     |
| 64.90  | 691.0     |
| 65.80  | 108.0     |
| 66.90  | 317.0     |
| 68.00  | 10690.0   |
| 69.00  | 11073.0   |
| 69.90  | 975.0     |
| 71.90  | 620.0     |
| 73.00  | 4925.0    |
| 74.00  | 18472.0   |
| 75.00  | 52992.0   |
| 76.00  | 4770.0    |
| 76.90  | 631.0     |
| 77.80  | 447.0     |
| 78.90  | 3763.0    |
| 79.90  | 1115.0    |
| 80.90  | 4204.0    |
| 81.90  | 821.0     |
| 82.90  | 174.0     |
| 86.90  | 4466.0    |
| 87.90  | 4170.0    |
| 90.80  | 481.0     |
| 92.00  | 3102.0    |
| 93.00  | 4585.0    |
| 94.00  | 11964.0   |
| 95.00  | 94144.0   |
| 96.00  | 6339.0    |
| 96.90  | 233.0     |
| 102.90 | 107.0     |
| 103.80 | 436.0     |
| 104.80 | 156.0     |
| 105.90 | 508.0     |
| 106.90 | 127.0     |
| 109.70 | 65.0      |
| 110.90 | 106.0     |
| 112.00 | 119.0     |
| 112.80 | 110.0     |
| 114.80 | 113.0     |
| 115.80 | 462.0     |
| 116.90 | 679.0     |
| 117.80 | 350.0     |
| 118.90 | 523.0     |
| 119.80 | 72.0      |
| 123.90 | 65.0      |
| 126.00 | 71.0      |
| 127.90 | 313.0     |
| 128.90 | 149.0     |
| 129.90 | 254.0     |
| 130.90 | 162.0     |
| 133.00 | 185.0     |
| 133.90 | 98.0      |
| 134.90 | 186.0     |
| 136.70 | 204.0     |
| 139.90 | 117.0     |
| 140.90 | 921.0     |
| 141.90 | 207.0     |
| 142.90 | 1110.0    |
| 144.00 | 60.0      |
| 144.70 | 251.0     |
| 145.90 | 166.0     |
| 146.60 | 81.0      |
| 147.00 | 72.0      |
| 147.90 | 227.0     |
| 148.70 | 78.0      |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB545

|        |         |
|--------|---------|
| 149.90 | 139.0   |
| 152.90 | 71.0    |
| 154.80 | 221.0   |
| 156.10 | 58.0    |
| 156.80 | 161.0   |
| 157.80 | 54.0    |
| 158.70 | 103.0   |
| 160.80 | 139.0   |
| 171.90 | 894.0   |
| 173.90 | 66680.0 |
| 174.90 | 5963.0  |
| 175.90 | 69136.0 |
| 176.90 | 4313.0  |
| 177.90 | 170.0   |
| 178.70 | 66.0    |
| 191.00 | 190.0   |
| 192.80 | 215.0   |
| 206.90 | 219.0   |
| 248.90 | 194.0   |
| 250.80 | 100.0   |
| 265.00 | 338.0   |
| 265.50 | 72.0    |
| 267.00 | 60.0    |
| 281.00 | 2356.0  |
| 282.10 | 570.0   |
| 283.00 | 421.0   |
| 284.00 | 76.0    |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB545

| m/z    | Abundance |
|--------|-----------|
| 35.90  | 731.0     |
| 37.00  | 3915.0    |
| 38.00  | 3386.0    |
| 39.00  | 1345.0    |
| 40.00  | 183.0     |
| 42.90  | 114.0     |
| 43.90  | 589.0     |
| 44.90  | 649.0     |
| 46.10  | 156.0     |
| 47.00  | 728.0     |
| 48.00  | 607.0     |
| 48.90  | 3205.0    |
| 50.00  | 15226.0   |
| 51.00  | 4866.0    |
| 52.00  | 229.0     |
| 52.80  | 122.0     |
| 54.10  | 87.0      |
| 54.70  | 214.0     |
| 56.00  | 1434.0    |
| 56.90  | 2177.0    |
| 58.10  | 138.0     |
| 59.20  | 53.0      |
| 59.90  | 883.0     |
| 61.00  | 3938.0    |
| 62.00  | 3812.0    |
| 63.00  | 3385.0    |
| 64.00  | 400.0     |
| 64.90  | 522.0     |
| 66.90  | 240.0     |
| 68.00  | 7849.0    |
| 69.00  | 8298.0    |
| 69.90  | 725.0     |
| 71.90  | 476.0     |
| 73.00  | 3689.0    |
| 74.00  | 14371.0   |
| 75.00  | 38672.0   |
| 76.00  | 3370.0    |
| 77.00  | 413.0     |
| 78.00  | 323.0     |
| 78.90  | 2959.0    |
| 79.90  | 819.0     |
| 80.90  | 3033.0    |
| 82.00  | 636.0     |
| 82.90  | 125.0     |
| 85.70  | 110.0     |
| 86.00  | 112.0     |
| 86.90  | 3082.0    |
| 87.90  | 2713.0    |
| 90.90  | 348.0     |
| 92.00  | 2590.0    |
| 93.00  | 3699.0    |
| 94.00  | 9158.0    |
| 95.00  | 75176.0   |
| 96.00  | 4390.0    |
| 96.90  | 120.0     |
| 102.80 | 53.0      |
| 103.80 | 402.0     |
| 104.90 | 241.0     |
| 105.80 | 307.0     |
| 106.90 | 161.0     |
| 109.80 | 72.0      |
| 110.70 | 66.0      |
| 111.90 | 92.0      |
| 112.80 | 93.0      |
| 114.80 | 94.0      |
| 115.80 | 357.0     |
| 116.90 | 572.0     |
| 117.90 | 318.0     |
| 118.90 | 447.0     |
| 125.20 | 55.0      |
| 125.80 | 54.0      |
| 127.90 | 282.0     |
| 128.80 | 209.0     |
| 129.90 | 353.0     |
| 130.90 | 167.0     |
| 133.00 | 52.0      |
| 133.70 | 79.0      |
| 134.90 | 185.0     |
| 136.80 | 166.0     |
| 139.90 | 105.0     |
| 140.90 | 780.0     |
| 142.00 | 119.0     |
| 142.90 | 788.0     |
| 144.90 | 168.0     |
| 145.90 | 192.0     |
| 146.80 | 71.0      |
| 147.90 | 232.0     |
| 148.60 | 70.0      |
| 149.80 | 79.0      |
| 152.90 | 105.0     |
| 154.90 | 225.0     |
| 155.70 | 53.0      |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB545

|        |         |
|--------|---------|
| 156.90 | 108.0   |
| 157.50 | 67.0    |
| 159.00 | 86.0    |
| 160.80 | 76.0    |
| 171.10 | 181.0   |
| 171.90 | 724.0   |
| 173.90 | 63328.0 |
| 174.90 | 4699.0  |
| 175.90 | 62424.0 |
| 176.90 | 4114.0  |
| 177.80 | 135.0   |
| 190.90 | 62.0    |
| 193.00 | 140.0   |
| 207.20 | 124.0   |
| 248.90 | 99.0    |
| 251.00 | 50.0    |
| 264.90 | 98.0    |
| 267.20 | 55.0    |
| 281.10 | 1089.0  |
| 282.00 | 340.0   |
| 283.00 | 205.0   |

**Instrument :**  
MSVOA\_W  
**ClientSampleId :**  
BFB545