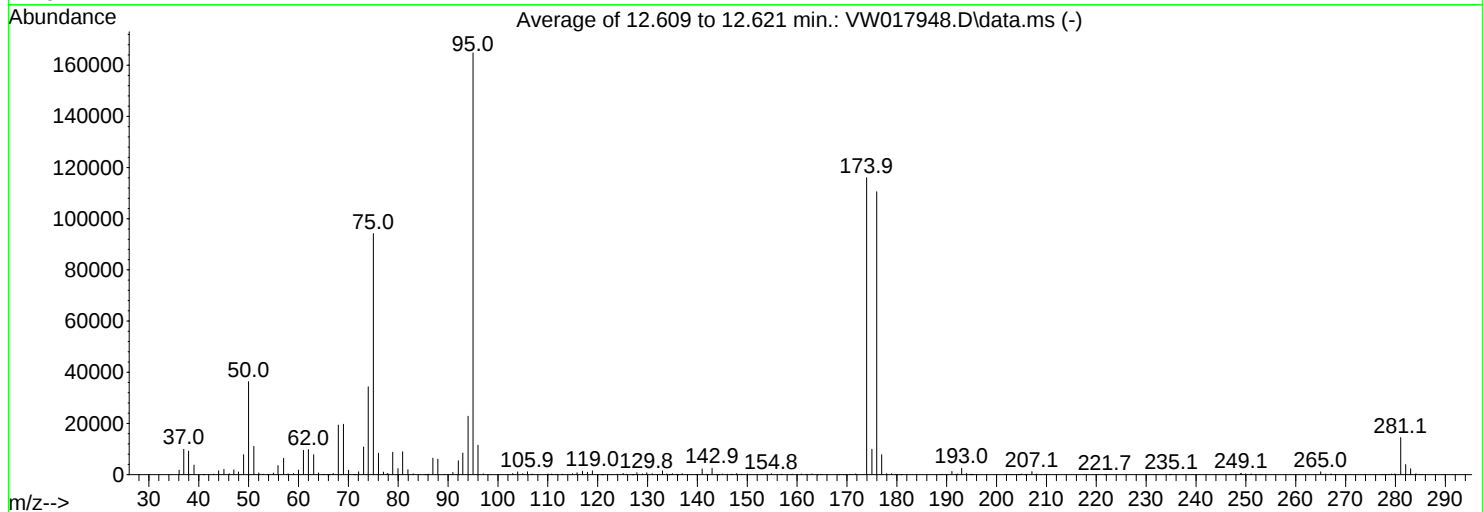
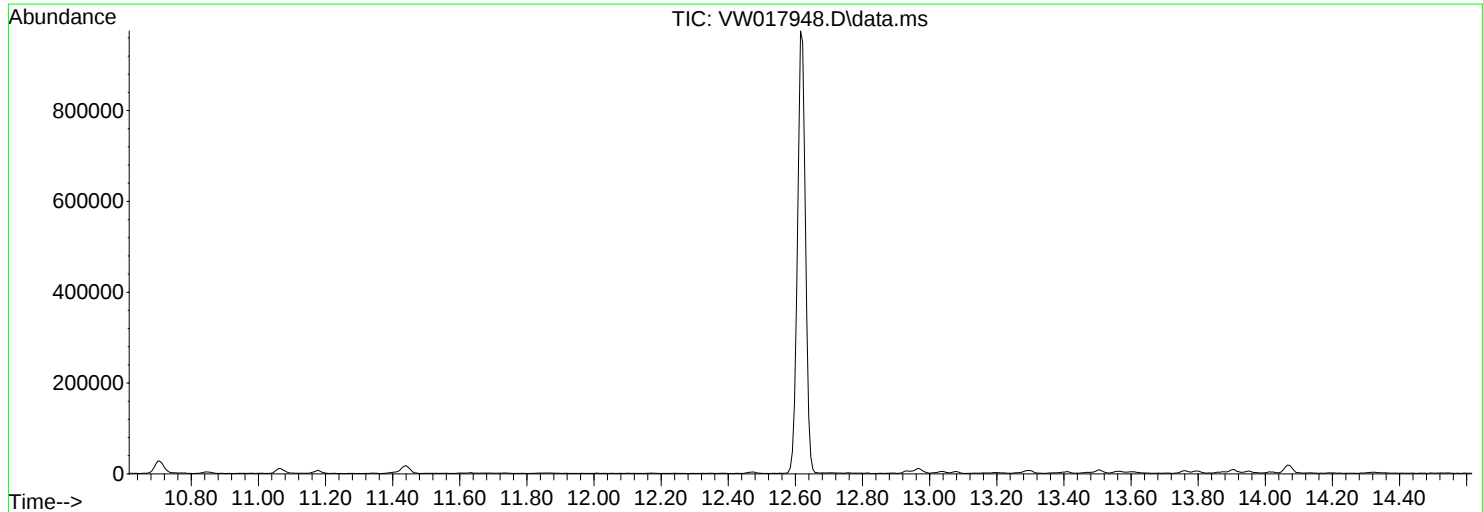


Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW011921\  
 Data File : VW017948.D  
 Acq On : 19 Jan 2021 09:36  
 Operator : SY/VA  
 Sample : BFB27  
 Misc : 5.00G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BFB27

Integration File: LSCINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SOM2WLM011821S.M  
 Title : VOC Analysis  
 Last Update : Wed Jan 20 22:00:56 2021



AutoFind: Scans 1756, 1757, 1758; Background Corrected with Scan 1749

| 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              | 22.1         | 36347      | PASS                |
| 75             | 95              | 30              | 80              | 57.2         | 94208      | PASS                |
| 95             | 95              | 100             | 100             | 100.0        | 164821     | PASS                |
| 96             | 95              | 5               | 9               | 7.0          | 11521      | PASS                |
| 173            | 174             | 0.00            | 2               | 0.0          | 0          | PASS                |
| 174            | 95              | 50              | 120             | 70.4         | 116024     | PASS                |
| 175            | 174             | 5               | 9               | 8.5          | 9919       | PASS                |
| 176            | 174             | 95              | 101             | 95.3         | 110560     | PASS                |
| 177            | 176             | 5               | 9               | 7.1          | 7846       | PASS                |

| m/z    | Abundance |
|--------|-----------|
| 36.20  | 74.0      |
| 37.80  | 57.0      |
| 38.30  | 102.0     |
| 39.10  | 269.0     |
| 39.90  | 291.0     |
| 41.00  | 67.0      |
| 43.90  | 252.0     |
| 55.90  | 72.0      |
| 57.00  | 88.0      |
| 125.90 | 62.0      |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB27

| m/z    | Abundance |
|--------|-----------|
| 36.00  | 1606.0    |
| 37.00  | 8320.0    |
| 38.00  | 7880.0    |
| 39.10  | 3717.0    |
| 40.00  | 350.0     |
| 40.90  | 61.0      |
| 42.90  | 217.0     |
| 44.10  | 1522.0    |
| 45.10  | 1948.0    |
| 46.20  | 378.0     |
| 47.10  | 1463.0    |
| 48.00  | 920.0     |
| 49.00  | 6414.0    |
| 50.00  | 31104.0   |
| 51.10  | 9146.0    |
| 52.00  | 628.0     |
| 53.00  | 144.0     |
| 54.90  | 504.0     |
| 55.90  | 2776.0    |
| 57.00  | 5497.0    |
| 57.90  | 200.0     |
| 59.00  | 573.0     |
| 60.00  | 1172.0    |
| 61.00  | 8128.0    |
| 62.00  | 7870.0    |
| 63.00  | 6865.0    |
| 64.10  | 493.0     |
| 64.90  | 194.0     |
| 65.80  | 56.0      |
| 66.90  | 367.0     |
| 68.00  | 16357.0   |
| 69.00  | 15748.0   |
| 70.00  | 1532.0    |
| 71.00  | 132.0     |
| 72.10  | 820.0     |
| 73.10  | 9832.0    |
| 74.00  | 27296.0   |
| 75.00  | 76888.0   |
| 76.10  | 6952.0    |
| 77.10  | 662.0     |
| 77.70  | 567.0     |
| 78.90  | 7199.0    |
| 79.90  | 2123.0    |
| 80.90  | 6904.0    |
| 82.00  | 1512.0    |
| 83.00  | 419.0     |
| 85.90  | 131.0     |
| 86.10  | 130.0     |
| 87.00  | 5160.0    |
| 87.90  | 4748.0    |
| 90.90  | 886.0     |
| 92.00  | 4166.0    |
| 93.00  | 6890.0    |
| 94.00  | 18272.0   |
| 95.00  | 132352.0  |
| 96.00  | 10712.0   |
| 97.10  | 242.0     |
| 103.00 | 590.0     |
| 103.90 | 855.0     |
| 105.00 | 345.0     |
| 105.90 | 1020.0    |
| 106.80 | 210.0     |
| 110.00 | 250.0     |
| 110.70 | 191.0     |
| 111.00 | 190.0     |
| 111.60 | 164.0     |
| 112.00 | 198.0     |
| 112.80 | 221.0     |
| 115.10 | 350.0     |
| 115.80 | 540.0     |
| 117.00 | 1050.0    |
| 118.00 | 863.0     |
| 118.90 | 1214.0    |
| 119.90 | 155.0     |
| 120.80 | 84.0      |
| 124.00 | 174.0     |
| 125.10 | 606.0     |
| 125.70 | 362.0     |
| 127.90 | 503.0     |
| 128.90 | 259.0     |
| 129.80 | 693.0     |
| 131.00 | 347.0     |
| 132.00 | 111.0     |
| 132.90 | 2221.0    |
| 133.80 | 673.0     |
| 134.80 | 477.0     |
| 136.10 | 59.0      |
| 136.90 | 358.0     |
| 138.90 | 71.0      |
| 139.70 | 156.0     |
| 140.90 | 1699.0    |
| 141.90 | 245.0     |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB27

|        |         |
|--------|---------|
| 142.90 | 1654.0  |
| 143.80 | 196.0   |
| 145.00 | 193.0   |
| 146.00 | 153.0   |
| 146.90 | 298.0   |
| 147.80 | 286.0   |
| 148.90 | 156.0   |
| 150.10 | 144.0   |
| 153.00 | 113.0   |
| 153.90 | 192.0   |
| 154.80 | 252.0   |
| 156.80 | 289.0   |
| 158.90 | 168.0   |
| 161.00 | 206.0   |
| 161.80 | 87.0    |
| 163.00 | 464.0   |
| 164.70 | 155.0   |
| 165.00 | 167.0   |
| 168.40 | 80.0    |
| 169.30 | 53.0    |
| 170.70 | 139.0   |
| 171.80 | 478.0   |
| 173.90 | 83048.0 |
| 175.00 | 6799.0  |
| 175.90 | 73952.0 |
| 177.00 | 6475.0  |
| 178.00 | 269.0   |
| 178.90 | 462.0   |
| 179.80 | 63.0    |
| 180.80 | 91.0    |
| 189.00 | 257.0   |
| 189.90 | 161.0   |
| 191.00 | 1308.0  |
| 192.10 | 446.0   |
| 193.00 | 3217.0  |
| 194.00 | 547.0   |
| 194.90 | 350.0   |
| 196.00 | 60.0    |
| 202.80 | 179.0   |
| 203.30 | 196.0   |
| 204.40 | 111.0   |
| 205.10 | 403.0   |
| 205.70 | 118.0   |
| 207.10 | 1299.0  |
| 208.10 | 279.0   |
| 209.00 | 134.0   |
| 221.70 | 57.0    |
| 235.10 | 234.0   |
| 246.90 | 61.0    |
| 248.10 | 121.0   |
| 248.90 | 1175.0  |
| 249.90 | 354.0   |
| 250.90 | 484.0   |
| 251.80 | 182.0   |
| 265.00 | 1432.0  |
| 265.90 | 489.0   |
| 267.10 | 317.0   |
| 277.30 | 54.0    |
| 278.20 | 101.0   |
| 279.20 | 334.0   |
| 279.90 | 503.0   |
| 281.00 | 14809.0 |
| 282.00 | 4493.0  |
| 283.10 | 2515.0  |
| 284.10 | 745.0   |
| 284.80 | 169.0   |
| 285.30 | 131.0   |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB27

| m/z    | Abundance |
|--------|-----------|
| 36.10  | 1995.0    |
| 37.00  | 10907.0   |
| 38.00  | 10254.0   |
| 39.10  | 4582.0    |
| 40.00  | 223.0     |
| 40.90  | 92.0      |
| 43.00  | 285.0     |
| 44.10  | 1833.0    |
| 45.00  | 2179.0    |
| 46.10  | 457.0     |
| 47.00  | 2161.0    |
| 47.90  | 1324.0    |
| 49.00  | 8281.0    |
| 50.00  | 41120.0   |
| 51.00  | 12956.0   |
| 52.10  | 643.0     |
| 52.90  | 109.0     |
| 54.90  | 600.0     |
| 56.00  | 4155.0    |
| 57.00  | 7331.0    |
| 57.90  | 340.0     |
| 59.00  | 413.0     |
| 60.00  | 2181.0    |
| 61.00  | 10404.0   |
| 62.00  | 11160.0   |
| 63.10  | 8104.0    |
| 63.90  | 758.0     |
| 65.20  | 179.0     |
| 66.90  | 534.0     |
| 68.00  | 22144.0   |
| 69.00  | 21544.0   |
| 70.00  | 1857.0    |
| 71.20  | 106.0     |
| 72.00  | 1367.0    |
| 73.00  | 12018.0   |
| 74.00  | 39296.0   |
| 75.00  | 105520.0  |
| 76.00  | 8799.0    |
| 77.00  | 1181.0    |
| 77.90  | 560.0     |
| 78.90  | 9693.0    |
| 80.00  | 2488.0    |
| 80.90  | 10057.0   |
| 81.90  | 2310.0    |
| 83.00  | 321.0     |
| 86.10  | 252.0     |
| 86.90  | 6908.0    |
| 88.00  | 6254.0    |
| 89.20  | 198.0     |
| 90.90  | 858.0     |
| 92.10  | 6191.0    |
| 93.00  | 9881.0    |
| 94.00  | 26568.0   |
| 95.00  | 181952.0  |
| 96.00  | 12052.0   |
| 97.10  | 490.0     |
| 102.90 | 468.0     |
| 104.00 | 1204.0    |
| 104.90 | 403.0     |
| 105.90 | 1242.0    |
| 106.90 | 329.0     |
| 110.00 | 294.0     |
| 110.80 | 490.0     |
| 111.80 | 182.0     |
| 113.00 | 397.0     |
| 114.90 | 366.0     |
| 115.90 | 808.0     |
| 116.90 | 1644.0    |
| 117.90 | 1116.0    |
| 118.90 | 1721.0    |
| 120.00 | 177.0     |
| 121.00 | 100.0     |
| 122.90 | 142.0     |
| 123.90 | 192.0     |
| 125.10 | 538.0     |
| 125.80 | 346.0     |
| 126.90 | 112.0     |
| 127.80 | 806.0     |
| 129.00 | 487.0     |
| 129.90 | 883.0     |
| 131.00 | 457.0     |
| 132.10 | 91.0      |
| 133.00 | 1506.0    |
| 133.90 | 337.0     |
| 135.00 | 637.0     |
| 135.80 | 123.0     |
| 136.90 | 435.0     |
| 138.90 | 118.0     |
| 139.80 | 201.0     |
| 141.00 | 2376.0    |
| 142.20 | 372.0     |
| 142.90 | 2910.0    |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB27

|        |          |
|--------|----------|
| 143.90 | 151.0    |
| 145.00 | 189.0    |
| 146.00 | 341.0    |
| 146.90 | 207.0    |
| 147.90 | 456.0    |
| 148.80 | 251.0    |
| 150.00 | 260.0    |
| 152.90 | 109.0    |
| 153.90 | 96.0     |
| 154.90 | 481.0    |
| 157.00 | 343.0    |
| 159.00 | 133.0    |
| 160.80 | 292.0    |
| 161.90 | 96.0     |
| 163.00 | 294.0    |
| 164.10 | 56.0     |
| 164.80 | 145.0    |
| 169.70 | 52.0     |
| 171.10 | 205.0    |
| 171.70 | 557.0    |
| 173.90 | 133440.0 |
| 175.00 | 11183.0  |
| 175.90 | 118016.0 |
| 177.00 | 8840.0   |
| 178.00 | 444.0    |
| 179.00 | 366.0    |
| 179.70 | 138.0    |
| 180.10 | 114.0    |
| 188.70 | 107.0    |
| 189.10 | 121.0    |
| 189.70 | 72.0     |
| 191.10 | 1379.0   |
| 191.80 | 339.0    |
| 193.00 | 2637.0   |
| 193.90 | 488.0    |
| 195.00 | 315.0    |
| 196.10 | 65.0     |
| 203.00 | 199.0    |
| 205.00 | 377.0    |
| 206.00 | 181.0    |
| 207.10 | 1433.0   |
| 208.00 | 305.0    |
| 208.90 | 91.0     |
| 235.10 | 235.0    |
| 246.90 | 67.0     |
| 248.20 | 127.0    |
| 249.10 | 930.0    |
| 250.00 | 248.0    |
| 251.10 | 476.0    |
| 251.90 | 96.0     |
| 265.00 | 1294.0   |
| 266.10 | 411.0    |
| 267.10 | 426.0    |
| 278.70 | 209.0    |
| 279.20 | 188.0    |
| 279.90 | 467.0    |
| 281.10 | 16840.0  |
| 282.10 | 4498.0   |
| 283.10 | 2192.0   |
| 284.10 | 447.0    |
| 284.90 | 135.0    |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB27

| m/z    | Abundance |
|--------|-----------|
| 36.00  | 1895.0    |
| 37.00  | 10445.0   |
| 38.00  | 9684.0    |
| 39.00  | 3827.0    |
| 39.90  | 266.0     |
| 40.90  | 64.0      |
| 42.90  | 98.0      |
| 44.00  | 1919.0    |
| 45.00  | 2060.0    |
| 46.00  | 275.0     |
| 47.00  | 1983.0    |
| 48.00  | 1056.0    |
| 49.00  | 8836.0    |
| 50.00  | 36816.0   |
| 51.00  | 11176.0   |
| 52.00  | 722.0     |
| 52.90  | 64.0      |
| 53.80  | 53.0      |
| 55.00  | 785.0     |
| 56.00  | 3928.0    |
| 57.00  | 6667.0    |
| 57.90  | 385.0     |
| 59.00  | 275.0     |
| 60.00  | 2098.0    |
| 61.00  | 9967.0    |
| 62.00  | 10375.0   |
| 63.00  | 8566.0    |
| 64.00  | 764.0     |
| 65.20  | 157.0     |
| 66.20  | 65.0      |
| 67.00  | 647.0     |
| 68.00  | 19664.0   |
| 69.00  | 21760.0   |
| 70.10  | 1925.0    |
| 71.00  | 148.0     |
| 72.10  | 1158.0    |
| 73.00  | 10573.0   |
| 74.00  | 36416.0   |
| 75.00  | 100216.0  |
| 76.00  | 9476.0    |
| 77.00  | 1176.0    |
| 77.90  | 1040.0    |
| 78.90  | 9474.0    |
| 79.90  | 2469.0    |
| 80.90  | 9875.0    |
| 82.00  | 1942.0    |
| 83.00  | 234.0     |
| 85.40  | 70.0      |
| 86.00  | 214.0     |
| 87.00  | 7277.0    |
| 87.90  | 7157.0    |
| 91.00  | 878.0     |
| 92.00  | 5991.0    |
| 92.90  | 8552.0    |
| 94.00  | 23592.0   |
| 95.00  | 180160.0  |
| 96.00  | 11799.0   |
| 96.90  | 248.0     |
| 103.00 | 280.0     |
| 104.00 | 1233.0    |
| 105.10 | 384.0     |
| 105.90 | 1104.0    |
| 106.80 | 212.0     |
| 110.10 | 240.0     |
| 111.00 | 260.0     |
| 111.80 | 130.0     |
| 113.00 | 243.0     |
| 114.90 | 469.0     |
| 115.90 | 932.0     |
| 116.90 | 1218.0    |
| 117.90 | 868.0     |
| 119.00 | 1520.0    |
| 120.10 | 100.0     |
| 122.90 | 50.0      |
| 123.80 | 216.0     |
| 125.00 | 378.0     |
| 125.80 | 141.0     |
| 127.10 | 87.0      |
| 127.80 | 877.0     |
| 129.10 | 287.0     |
| 129.90 | 719.0     |
| 130.90 | 323.0     |
| 133.10 | 829.0     |
| 134.30 | 101.0     |
| 135.00 | 540.0     |
| 135.90 | 101.0     |
| 137.00 | 365.0     |
| 138.90 | 97.0      |
| 140.00 | 150.0     |
| 141.00 | 2615.0    |
| 141.90 | 264.0     |
| 143.00 | 2837.0    |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB27

|        |          |
|--------|----------|
| 144.20 | 108.0    |
| 145.00 | 305.0    |
| 146.00 | 154.0    |
| 146.70 | 129.0    |
| 147.10 | 120.0    |
| 148.00 | 554.0    |
| 149.00 | 201.0    |
| 150.10 | 365.0    |
| 152.90 | 87.0     |
| 153.80 | 76.0     |
| 154.90 | 507.0    |
| 156.80 | 261.0    |
| 159.00 | 342.0    |
| 160.80 | 224.0    |
| 161.80 | 131.0    |
| 163.00 | 232.0    |
| 165.10 | 108.0    |
| 169.20 | 140.0    |
| 170.50 | 205.0    |
| 174.00 | 131584.0 |
| 175.00 | 11775.0  |
| 176.00 | 139712.0 |
| 176.90 | 8224.0   |
| 177.90 | 374.0    |
| 179.00 | 375.0    |
| 180.10 | 84.0     |
| 188.80 | 101.0    |
| 189.80 | 55.0     |
| 191.00 | 996.0    |
| 192.20 | 295.0    |
| 193.00 | 1575.0   |
| 194.00 | 268.0    |
| 194.70 | 84.0     |
| 195.20 | 108.0    |
| 204.80 | 197.0    |
| 206.00 | 115.0    |
| 207.10 | 839.0    |
| 207.80 | 118.0    |
| 208.10 | 141.0    |
| 209.00 | 57.0     |
| 234.70 | 87.0     |
| 249.00 | 645.0    |
| 250.00 | 313.0    |
| 251.10 | 263.0    |
| 252.80 | 70.0     |
| 265.00 | 688.0    |
| 266.00 | 211.0    |
| 267.00 | 164.0    |
| 277.90 | 60.0     |
| 278.20 | 60.0     |
| 279.30 | 155.0    |
| 281.10 | 11921.0  |
| 282.10 | 2812.0   |
| 283.00 | 2181.0   |
| 284.80 | 71.0     |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB27