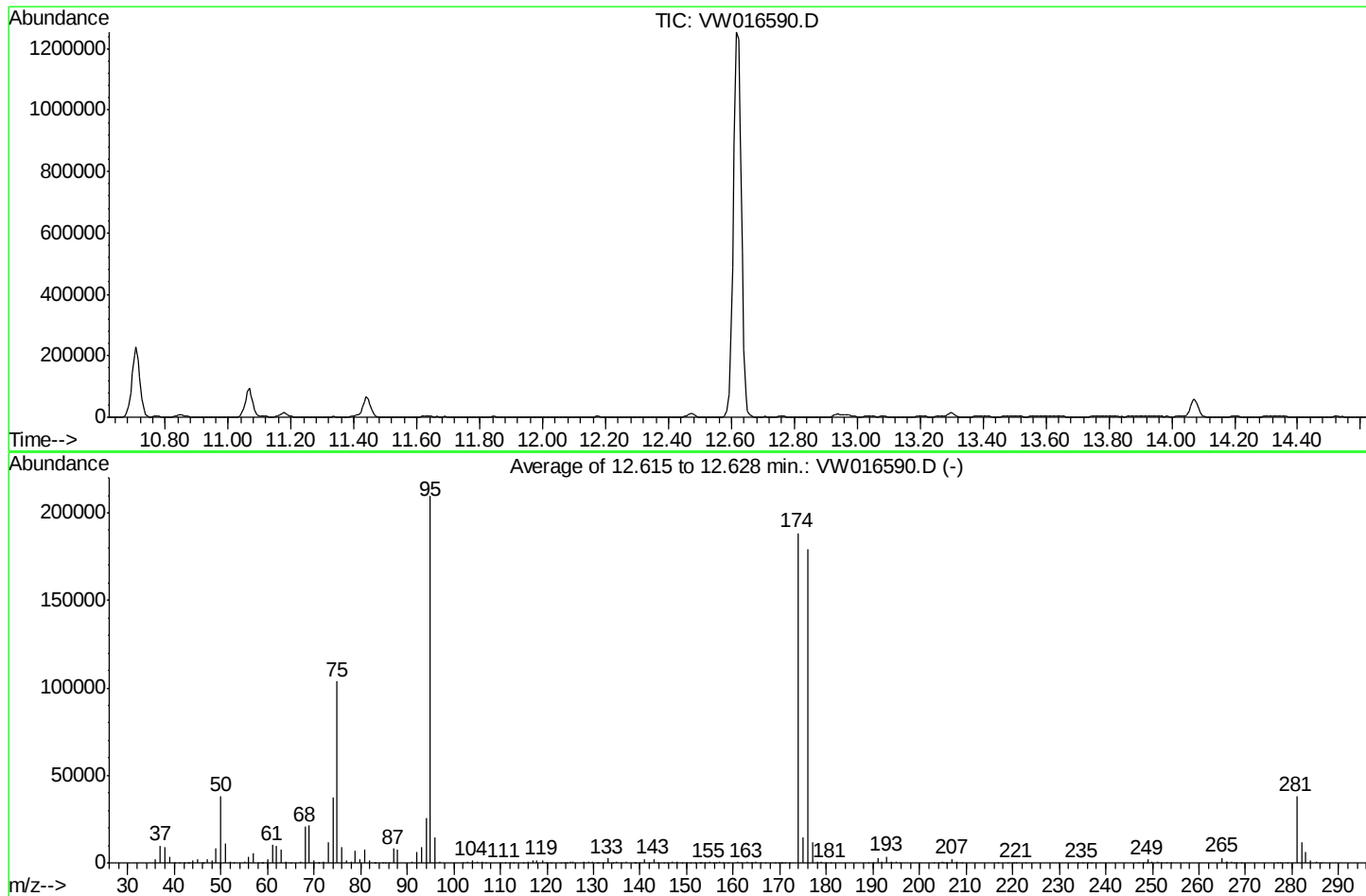


Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW092120\  
 Data File : VW016590.D  
 Acq On : 21 Sep 2020 10:00  
 Operator : SY/VA  
 Sample : BFB28  
 Misc : 5.00G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BFB28

Integration File: LSCINT.P

Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM091520S.M  
 Title : VOC Analysis  
 Last Update : Mon Sep 21 17:58:17 2020



AutoFind: Scans 1757, 1758, 1759; Background Corrected with Scan 1749

| Target Mass | Rel. to Mass | Lower Limit% | Upper Limit% | Rel. Abn% | Raw Abn | Result Pass/Fail |
|-------------|--------------|--------------|--------------|-----------|---------|------------------|
| 50          | 95           | 15           | 40           | 18.1      | 37997   | PASS             |
| 75          | 95           | 30           | 80           | 49.5      | 103786  | PASS             |
| 95          | 95           | 100          | 100          | 100.0     | 209557  | PASS             |
| 96          | 95           | 5            | 9            | 6.9       | 14413   | PASS             |
| 173         | 174          | 0.00         | 2            | 0.0       | 0       | PASS             |
| 174         | 95           | 50           | 120          | 89.8      | 188245  | PASS             |
| 175         | 174          | 5            | 9            | 7.8       | 14655   | PASS             |
| 176         | 174          | 95           | 101          | 95.2      | 179157  | PASS             |
| 177         | 176          | 5            | 9            | 6.7       | 12072   | PASS             |

| m/z    | Abundance |
|--------|-----------|
| 36.00  | 2085.0    |
| 37.00  | 10397.0   |
| 38.00  | 10182.0   |
| 39.00  | 3803.0    |
| 39.90  | 334.0     |
| 40.90  | 104.0     |
| 42.90  | 299.0     |
| 44.00  | 2017.0    |
| 45.00  | 2457.0    |
| 46.20  | 193.0     |
| 47.00  | 2413.0    |
| 48.00  | 1756.0    |
| 49.00  | 8851.0    |
| 50.00  | 42128.0   |
| 51.00  | 12452.0   |
| 52.00  | 548.0     |
| 55.10  | 814.0     |
| 56.00  | 3717.0    |
| 57.00  | 6436.0    |
| 58.00  | 357.0     |
| 59.20  | 584.0     |
| 60.00  | 2107.0    |
| 61.00  | 11172.0   |
| 62.00  | 10521.0   |
| 63.00  | 8610.0    |
| 64.00  | 792.0     |
| 65.00  | 292.0     |
| 66.90  | 631.0     |
| 68.00  | 22280.0   |
| 69.00  | 22856.0   |
| 70.00  | 1824.0    |
| 70.90  | 159.0     |
| 72.10  | 1058.0    |
| 73.00  | 14411.0   |
| 74.00  | 39344.0   |
| 75.00  | 112464.0  |
| 76.00  | 9804.0    |
| 77.10  | 1405.0    |
| 78.00  | 723.0     |
| 78.90  | 7914.0    |
| 79.90  | 2291.0    |
| 80.90  | 7847.0    |
| 81.90  | 1592.0    |
| 82.80  | 245.0     |
| 83.20  | 162.0     |
| 84.70  | 55.0      |
| 85.20  | 103.0     |
| 86.00  | 501.0     |
| 87.00  | 8717.0    |
| 87.90  | 8582.0    |
| 90.90  | 1032.0    |
| 92.00  | 6716.0    |
| 93.00  | 9816.0    |
| 94.00  | 28032.0   |
| 95.00  | 222720.0  |
| 96.00  | 16238.0   |
| 97.00  | 434.0     |
| 101.90 | 62.0      |
| 102.90 | 854.0     |
| 103.90 | 1366.0    |
| 105.00 | 479.0     |
| 105.90 | 1148.0    |
| 106.80 | 257.0     |
| 110.00 | 521.0     |
| 110.90 | 435.0     |
| 112.00 | 232.0     |
| 112.90 | 331.0     |
| 115.00 | 433.0     |
| 116.00 | 850.0     |
| 116.90 | 1532.0    |
| 118.00 | 1524.0    |
| 118.90 | 2146.0    |
| 119.80 | 65.0      |
| 120.90 | 159.0     |
| 122.90 | 52.0      |
| 124.20 | 196.0     |
| 125.00 | 1416.0    |
| 125.80 | 523.0     |
| 127.90 | 710.0     |
| 128.90 | 431.0     |
| 129.90 | 816.0     |
| 130.80 | 496.0     |
| 132.00 | 207.0     |
| 133.00 | 4334.0    |
| 134.90 | 829.0     |
| 135.90 | 121.0     |
| 136.90 | 389.0     |
| 139.10 | 101.0     |
| 140.00 | 219.0     |
| 141.00 | 2053.0    |
| 141.90 | 295.0     |
| 142.90 | 2281.0    |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB28

|        |          |
|--------|----------|
| 143.90 | 122.0    |
| 145.00 | 378.0    |
| 145.80 | 406.0    |
| 147.00 | 748.0    |
| 147.80 | 605.0    |
| 148.90 | 339.0    |
| 150.00 | 190.0    |
| 150.70 | 69.0     |
| 152.00 | 141.0    |
| 153.10 | 141.0    |
| 154.00 | 202.0    |
| 155.00 | 578.0    |
| 155.90 | 132.0    |
| 156.20 | 136.0    |
| 157.00 | 383.0    |
| 157.90 | 55.0     |
| 158.90 | 407.0    |
| 160.90 | 596.0    |
| 161.90 | 170.0    |
| 163.00 | 1119.0   |
| 163.90 | 197.0    |
| 164.90 | 558.0    |
| 166.00 | 148.0    |
| 166.80 | 60.0     |
| 169.10 | 118.0    |
| 170.20 | 99.0     |
| 170.60 | 89.0     |
| 172.00 | 620.0    |
| 173.90 | 183168.0 |
| 174.90 | 14234.0  |
| 175.90 | 180864.0 |
| 177.00 | 12634.0  |
| 178.00 | 984.0    |
| 179.00 | 1189.0   |
| 180.00 | 363.0    |
| 180.80 | 78.0     |
| 189.00 | 403.0    |
| 190.00 | 151.0    |
| 191.00 | 4570.0   |
| 192.00 | 1092.0   |
| 193.00 | 5742.0   |
| 193.90 | 1304.0   |
| 195.10 | 713.0    |
| 195.70 | 118.0    |
| 202.90 | 468.0    |
| 204.00 | 195.0    |
| 205.00 | 1259.0   |
| 205.70 | 294.0    |
| 207.00 | 3454.0   |
| 208.00 | 736.0    |
| 209.10 | 388.0    |
| 216.90 | 64.0     |
| 218.80 | 144.0    |
| 220.10 | 56.0     |
| 220.80 | 201.0    |
| 222.90 | 98.0     |
| 234.10 | 70.0     |
| 235.10 | 410.0    |
| 236.00 | 220.0    |
| 236.90 | 149.0    |
| 247.00 | 92.0     |
| 248.00 | 70.0     |
| 249.00 | 3806.0   |
| 250.00 | 1082.0   |
| 251.10 | 1295.0   |
| 252.00 | 390.0    |
| 253.00 | 282.0    |
| 254.00 | 61.0     |
| 265.00 | 4249.0   |
| 265.90 | 1187.0   |
| 267.00 | 964.0    |
| 268.10 | 193.0    |
| 269.10 | 80.0     |
| 276.90 | 57.0     |
| 277.50 | 65.0     |
| 279.00 | 370.0    |
| 281.00 | 62328.0  |
| 282.10 | 17384.0  |
| 283.00 | 9878.0   |
| 284.00 | 1975.0   |
| 285.10 | 512.0    |
| 286.20 | 52.0     |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB28

| m/z    | Abundance |
|--------|-----------|
| 36.00  | 1841.0    |
| 37.00  | 11282.0   |
| 38.00  | 9526.0    |
| 39.00  | 3542.0    |
| 40.10  | 321.0     |
| 41.00  | 187.0     |
| 42.00  | 69.0      |
| 43.10  | 211.0     |
| 44.00  | 1694.0    |
| 45.00  | 1972.0    |
| 45.90  | 153.0     |
| 47.00  | 1876.0    |
| 48.00  | 1322.0    |
| 49.00  | 9207.0    |
| 50.00  | 41128.0   |
| 51.00  | 12282.0   |
| 52.10  | 447.0     |
| 52.90  | 55.0      |
| 55.00  | 602.0     |
| 56.00  | 3475.0    |
| 57.00  | 6451.0    |
| 58.00  | 243.0     |
| 59.00  | 415.0     |
| 60.00  | 2373.0    |
| 61.00  | 10468.0   |
| 62.00  | 11186.0   |
| 63.00  | 8543.0    |
| 64.00  | 665.0     |
| 65.00  | 178.0     |
| 67.00  | 660.0     |
| 68.00  | 22672.0   |
| 69.00  | 23288.0   |
| 70.00  | 1807.0    |
| 71.10  | 157.0     |
| 72.00  | 1130.0    |
| 73.00  | 12825.0   |
| 74.00  | 41336.0   |
| 75.00  | 114528.0  |
| 76.00  | 9664.0    |
| 77.00  | 1702.0    |
| 78.00  | 916.0     |
| 78.90  | 7901.0    |
| 79.90  | 2207.0    |
| 80.90  | 7978.0    |
| 81.90  | 1779.0    |
| 83.00  | 257.0     |
| 85.80  | 252.0     |
| 87.00  | 9451.0    |
| 87.90  | 8290.0    |
| 90.90  | 1163.0    |
| 92.00  | 7064.0    |
| 93.00  | 9617.0    |
| 94.00  | 27288.0   |
| 95.00  | 229568.0  |
| 96.00  | 15627.0   |
| 97.00  | 493.0     |
| 103.00 | 550.0     |
| 103.90 | 1277.0    |
| 105.00 | 529.0     |
| 106.00 | 1018.0    |
| 106.90 | 247.0     |
| 110.00 | 264.0     |
| 110.90 | 339.0     |
| 111.90 | 275.0     |
| 112.90 | 311.0     |
| 115.00 | 358.0     |
| 116.00 | 931.0     |
| 116.90 | 1770.0    |
| 117.90 | 1006.0    |
| 119.00 | 1914.0    |
| 119.90 | 61.0      |
| 120.80 | 122.0     |
| 122.90 | 103.0     |
| 123.90 | 176.0     |
| 124.90 | 869.0     |
| 125.60 | 571.0     |
| 127.90 | 992.0     |
| 128.90 | 489.0     |
| 129.90 | 854.0     |
| 131.00 | 388.0     |
| 133.10 | 2866.0    |
| 134.20 | 449.0     |
| 134.80 | 710.0     |
| 135.80 | 89.0      |
| 136.90 | 388.0     |
| 138.80 | 119.0     |
| 139.80 | 133.0     |
| 140.90 | 2497.0    |
| 141.90 | 316.0     |
| 142.90 | 2465.0    |
| 143.90 | 164.0     |
| 144.90 | 255.0     |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB28

|        |          |
|--------|----------|
| 145.70 | 338.0    |
| 146.90 | 393.0    |
| 147.90 | 577.0    |
| 149.00 | 246.0    |
| 150.00 | 226.0    |
| 151.90 | 122.0    |
| 152.80 | 180.0    |
| 154.00 | 190.0    |
| 154.80 | 484.0    |
| 156.20 | 167.0    |
| 157.00 | 512.0    |
| 158.00 | 89.0     |
| 158.80 | 255.0    |
| 160.90 | 412.0    |
| 161.70 | 151.0    |
| 162.80 | 425.0    |
| 164.10 | 56.0     |
| 164.90 | 451.0    |
| 165.80 | 94.0     |
| 169.10 | 61.0     |
| 170.20 | 67.0     |
| 171.00 | 168.0    |
| 173.90 | 200256.0 |
| 174.90 | 16512.0  |
| 175.90 | 185600.0 |
| 176.90 | 13146.0  |
| 178.00 | 751.0    |
| 179.00 | 801.0    |
| 180.00 | 129.0    |
| 180.90 | 100.0    |
| 188.90 | 268.0    |
| 191.00 | 2708.0   |
| 192.00 | 753.0    |
| 192.90 | 3536.0   |
| 194.10 | 644.0    |
| 194.90 | 352.0    |
| 203.00 | 440.0    |
| 204.10 | 104.0    |
| 204.90 | 594.0    |
| 205.90 | 203.0    |
| 207.10 | 2216.0   |
| 208.00 | 464.0    |
| 209.20 | 254.0    |
| 218.90 | 80.0     |
| 220.80 | 122.0    |
| 222.80 | 56.0     |
| 234.90 | 261.0    |
| 235.80 | 131.0    |
| 236.90 | 99.0     |
| 246.90 | 73.0     |
| 249.10 | 2249.0   |
| 249.90 | 500.0    |
| 251.00 | 873.0    |
| 251.90 | 249.0    |
| 252.80 | 145.0    |
| 265.00 | 3078.0   |
| 266.10 | 880.0    |
| 267.10 | 609.0    |
| 268.10 | 171.0    |
| 276.90 | 60.0     |
| 277.50 | 74.0     |
| 279.00 | 145.0    |
| 281.10 | 38248.0  |
| 282.10 | 11886.0  |
| 283.00 | 5535.0   |
| 284.00 | 1128.0   |
| 285.10 | 418.0    |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB28

| m/z    | Abundance |
|--------|-----------|
| 36.00  | 1547.0    |
| 37.00  | 7853.0    |
| 38.00  | 6691.0    |
| 39.00  | 2321.0    |
| 40.00  | 235.0     |
| 40.90  | 103.0     |
| 42.00  | 59.0      |
| 43.10  | 142.0     |
| 44.10  | 1234.0    |
| 45.00  | 1388.0    |
| 46.00  | 134.0     |
| 47.10  | 1331.0    |
| 48.00  | 801.0     |
| 49.00  | 7013.0    |
| 50.00  | 30736.0   |
| 51.00  | 9177.0    |
| 51.90  | 332.0     |
| 54.90  | 496.0     |
| 56.00  | 2692.0    |
| 57.00  | 4433.0    |
| 58.00  | 226.0     |
| 58.80  | 141.0     |
| 60.00  | 1443.0    |
| 61.00  | 8676.0    |
| 62.00  | 7929.0    |
| 63.00  | 6365.0    |
| 64.10  | 599.0     |
| 64.90  | 156.0     |
| 67.00  | 569.0     |
| 68.00  | 16928.0   |
| 69.00  | 17472.0   |
| 70.00  | 1321.0    |
| 71.00  | 104.0     |
| 72.00  | 887.0     |
| 73.00  | 8418.0    |
| 74.00  | 30568.0   |
| 75.00  | 84368.0   |
| 76.00  | 7146.0    |
| 76.90  | 823.0     |
| 77.90  | 712.0     |
| 78.90  | 5795.0    |
| 79.90  | 1771.0    |
| 80.90  | 6688.0    |
| 81.90  | 1499.0    |
| 82.90  | 224.0     |
| 86.00  | 186.0     |
| 87.00  | 6265.0    |
| 88.00  | 6093.0    |
| 90.90  | 659.0     |
| 92.00  | 5310.0    |
| 93.00  | 7776.0    |
| 94.00  | 21408.0   |
| 95.00  | 176384.0  |
| 96.00  | 11375.0   |
| 97.10  | 284.0     |
| 103.00 | 213.0     |
| 103.90 | 793.0     |
| 104.90 | 350.0     |
| 105.90 | 798.0     |
| 107.00 | 153.0     |
| 109.90 | 217.0     |
| 110.90 | 264.0     |
| 112.00 | 264.0     |
| 112.90 | 232.0     |
| 114.80 | 266.0     |
| 115.90 | 697.0     |
| 116.90 | 1181.0    |
| 117.80 | 822.0     |
| 118.90 | 1106.0    |
| 119.90 | 57.0      |
| 123.80 | 84.0      |
| 124.20 | 111.0     |
| 124.90 | 377.0     |
| 125.50 | 221.0     |
| 127.90 | 618.0     |
| 128.90 | 450.0     |
| 129.80 | 681.0     |
| 130.80 | 349.0     |
| 131.90 | 103.0     |
| 133.00 | 982.0     |
| 134.00 | 265.0     |
| 134.90 | 439.0     |
| 135.90 | 84.0      |
| 137.00 | 331.0     |
| 138.90 | 66.0      |
| 139.80 | 167.0     |
| 140.90 | 1998.0    |
| 141.90 | 289.0     |
| 142.90 | 2355.0    |
| 144.90 | 238.0     |
| 145.90 | 266.0     |
| 146.90 | 283.0     |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB28

|        |          |
|--------|----------|
| 147.90 | 533.0    |
| 149.00 | 222.0    |
| 150.00 | 262.0    |
| 151.90 | 109.0    |
| 152.90 | 143.0    |
| 153.90 | 141.0    |
| 155.00 | 555.0    |
| 155.70 | 71.0     |
| 156.90 | 433.0    |
| 157.90 | 157.0    |
| 158.90 | 238.0    |
| 161.00 | 307.0    |
| 163.10 | 191.0    |
| 164.90 | 153.0    |
| 165.90 | 79.0     |
| 169.00 | 82.0     |
| 169.80 | 67.0     |
| 170.30 | 52.0     |
| 171.10 | 153.0    |
| 173.90 | 181312.0 |
| 175.00 | 13220.0  |
| 175.90 | 171008.0 |
| 177.00 | 10438.0  |
| 178.00 | 461.0    |
| 179.00 | 271.0    |
| 180.00 | 77.0     |
| 189.10 | 164.0    |
| 190.90 | 1273.0   |
| 193.00 | 1476.0   |
| 194.00 | 401.0    |
| 195.10 | 167.0    |
| 203.00 | 187.0    |
| 205.20 | 296.0    |
| 205.90 | 74.0     |
| 207.00 | 1048.0   |
| 208.10 | 154.0    |
| 209.20 | 101.0    |
| 235.00 | 166.0    |
| 248.80 | 946.0    |
| 250.00 | 353.0    |
| 251.00 | 345.0    |
| 252.10 | 103.0    |
| 253.00 | 81.0     |
| 265.00 | 1429.0   |
| 266.00 | 374.0    |
| 266.90 | 118.0    |
| 267.60 | 108.0    |
| 278.90 | 103.0    |
| 281.10 | 13699.0  |
| 282.00 | 5970.0   |
| 283.10 | 3116.0   |
| 284.00 | 556.0    |
| 285.10 | 204.0    |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB28

Scan 1749 (12.567 min): VW016590.D  
BFB28

| m/z    | Abundance |
|--------|-----------|
| 39.90  | 165.0     |
| 42.80  | 87.0      |
| 43.90  | 407.0     |
| 55.00  | 74.0      |
| 57.10  | 110.0     |
| 68.90  | 56.0      |
| 281.20 | 73.0      |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB28