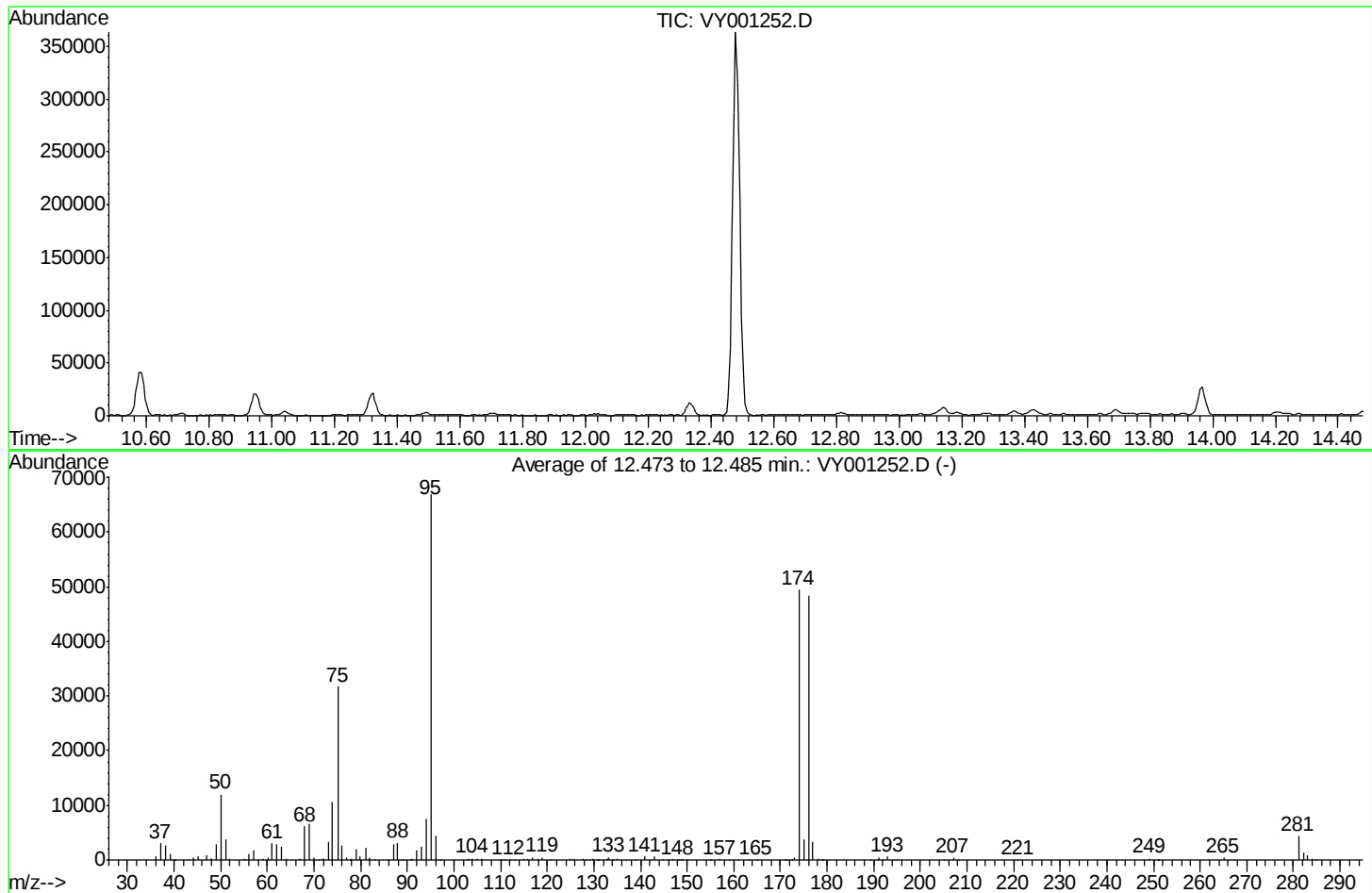


Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_Y\DATA\VY011620\  
 Data File : VY001252.D  
 Acq On : 16 Jan 2020 09:10  
 Operator : SY/MD  
 Sample : BFB77  
 Misc : 5.00G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 BFB771

Integration File: LSCINT.P

Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\SFAMYL011620SMA.M  
 Title : VOC Analysis  
 Last Update : Thu Jan 23 06:30:20 2020



AutoFind: Scans 1761, 1762, 1763; Background Corrected with Scan 1754

| Target Mass | Rel. to Mass | Lower Limit% | Upper Limit% | Rel. Abn% | Raw Abn | Result Pass/Fail |
|-------------|--------------|--------------|--------------|-----------|---------|------------------|
| 50          | 95           | 15           | 40           | 17.9      | 12005   | PASS             |
| 75          | 95           | 30           | 80           | 47.5      | 31789   | PASS             |
| 95          | 95           | 100          | 100          | 100.0     | 66896   | PASS             |
| 96          | 95           | 5            | 9            | 6.6       | 4442    | PASS             |
| 173         | 174          | 0.00         | 2            | 0.9       | 461     | PASS             |
| 174         | 95           | 50           | 120          | 73.9      | 49413   | PASS             |
| 175         | 174          | 5            | 9            | 7.4       | 3669    | PASS             |
| 176         | 174          | 95           | 105          | 97.8      | 48306   | PASS             |
| 177         | 176          | 5            | 10           | 7.0       | 3391    | PASS             |

Scan 1754 (12.430 min): VY001252.D  
BFB77

| m/z   | Abundance |
|-------|-----------|
| 40.00 | 174.0     |
| 41.00 | 123.0     |
| 43.10 | 103.0     |
| 44.10 | 285.0     |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
BFB771

| m/z    | Abundance |
|--------|-----------|
| 36.00  | 339.0     |
| 37.10  | 2828.0    |
| 38.10  | 2913.0    |
| 39.10  | 1083.0    |
| 39.90  | 257.0     |
| 41.10  | 100.0     |
| 43.20  | 79.0      |
| 44.00  | 609.0     |
| 45.10  | 640.0     |
| 47.00  | 687.0     |
| 47.90  | 310.0     |
| 49.10  | 2850.0    |
| 50.10  | 11430.0   |
| 51.10  | 3782.0    |
| 52.00  | 205.0     |
| 55.00  | 223.0     |
| 56.00  | 1055.0    |
| 57.00  | 1724.0    |
| 57.90  | 71.0      |
| 59.20  | 63.0      |
| 60.00  | 621.0     |
| 61.00  | 2918.0    |
| 62.00  | 3027.0    |
| 63.10  | 2321.0    |
| 64.00  | 162.0     |
| 67.00  | 187.0     |
| 68.00  | 5869.0    |
| 69.00  | 6358.0    |
| 70.10  | 499.0     |
| 71.10  | 55.0      |
| 71.90  | 224.0     |
| 73.00  | 3092.0    |
| 74.00  | 10575.0   |
| 75.10  | 30632.0   |
| 76.00  | 2523.0    |
| 77.10  | 352.0     |
| 77.80  | 208.0     |
| 79.00  | 1929.0    |
| 79.90  | 390.0     |
| 81.00  | 1983.0    |
| 82.00  | 363.0     |
| 83.00  | 77.0      |
| 85.80  | 65.0      |
| 87.00  | 2802.0    |
| 87.90  | 2953.0    |
| 88.80  | 59.0      |
| 89.20  | 98.0      |
| 90.80  | 257.0     |
| 91.10  | 256.0     |
| 92.00  | 1498.0    |
| 93.00  | 2419.0    |
| 94.10  | 6847.0    |
| 95.10  | 61240.0   |
| 96.10  | 4513.0    |
| 96.90  | 182.0     |
| 102.90 | 54.0      |
| 104.00 | 256.0     |
| 105.00 | 165.0     |
| 106.00 | 267.0     |
| 110.00 | 56.0      |
| 111.10 | 56.0      |
| 111.90 | 95.0      |
| 112.90 | 69.0      |
| 115.20 | 77.0      |
| 115.90 | 240.0     |
| 117.00 | 306.0     |
| 118.00 | 235.0     |
| 118.90 | 395.0     |
| 124.90 | 156.0     |
| 125.90 | 91.0      |
| 127.80 | 176.0     |
| 128.90 | 105.0     |
| 129.90 | 222.0     |
| 131.10 | 101.0     |
| 133.00 | 432.0     |
| 134.00 | 150.0     |
| 134.90 | 83.0      |
| 140.90 | 496.0     |
| 142.90 | 444.0     |
| 146.00 | 109.0     |
| 146.80 | 103.0     |
| 147.90 | 157.0     |
| 149.90 | 61.0      |
| 154.90 | 148.0     |
| 157.10 | 120.0     |
| 159.00 | 87.0      |
| 171.70 | 76.0      |
| 172.40 | 171.0     |
| 173.00 | 379.0     |
| 174.00 | 41736.0   |
| 175.00 | 2996.0    |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
BFB771

|        |         |
|--------|---------|
| 176.00 | 40160.0 |
| 177.00 | 3077.0  |
| 178.10 | 120.0   |
| 178.90 | 84.0    |
| 190.80 | 180.0   |
| 191.90 | 105.0   |
| 193.00 | 291.0   |
| 194.80 | 73.0    |
| 207.00 | 226.0   |
| 249.20 | 109.0   |
| 265.00 | 128.0   |
| 281.00 | 1785.0  |
| 282.20 | 701.0   |
| 283.20 | 312.0   |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
BFB771

| m/z    | Abundance |
|--------|-----------|
| 36.00  | 691.0     |
| 37.00  | 3490.0    |
| 38.10  | 2868.0    |
| 39.10  | 1134.0    |
| 40.10  | 256.0     |
| 41.00  | 120.0     |
| 42.90  | 183.0     |
| 44.00  | 784.0     |
| 45.10  | 703.0     |
| 47.00  | 979.0     |
| 48.10  | 438.0     |
| 49.00  | 3097.0    |
| 50.10  | 14149.0   |
| 51.10  | 3910.0    |
| 52.00  | 221.0     |
| 55.00  | 266.0     |
| 56.00  | 1211.0    |
| 57.00  | 2123.0    |
| 58.00  | 80.0      |
| 59.00  | 216.0     |
| 60.00  | 543.0     |
| 61.00  | 3209.0    |
| 62.10  | 3293.0    |
| 63.00  | 2648.0    |
| 64.00  | 191.0     |
| 66.90  | 256.0     |
| 68.00  | 7156.0    |
| 69.10  | 7647.0    |
| 70.10  | 560.0     |
| 72.10  | 474.0     |
| 73.00  | 3996.0    |
| 74.00  | 12208.0   |
| 75.10  | 36592.0   |
| 76.10  | 3169.0    |
| 76.90  | 467.0     |
| 78.10  | 256.0     |
| 78.90  | 2316.0    |
| 80.00  | 759.0     |
| 81.00  | 2770.0    |
| 82.00  | 536.0     |
| 85.80  | 78.0      |
| 87.00  | 3217.0    |
| 88.00  | 3625.0    |
| 88.70  | 158.0     |
| 91.00  | 323.0     |
| 92.00  | 2150.0    |
| 93.00  | 2631.0    |
| 94.00  | 8299.0    |
| 95.10  | 76128.0   |
| 96.00  | 4954.0    |
| 97.10  | 174.0     |
| 103.10 | 160.0     |
| 103.90 | 430.0     |
| 104.80 | 202.0     |
| 105.90 | 329.0     |
| 109.80 | 56.0      |
| 110.60 | 80.0      |
| 111.10 | 85.0      |
| 111.80 | 94.0      |
| 112.90 | 113.0     |
| 115.00 | 166.0     |
| 115.80 | 206.0     |
| 116.90 | 444.0     |
| 117.90 | 379.0     |
| 119.00 | 574.0     |
| 120.80 | 54.0      |
| 125.00 | 262.0     |
| 125.70 | 227.0     |
| 128.10 | 137.0     |
| 128.90 | 108.0     |
| 129.90 | 283.0     |
| 130.80 | 91.0      |
| 133.20 | 730.0     |
| 135.00 | 263.0     |
| 136.90 | 163.0     |
| 138.90 | 50.0      |
| 141.00 | 702.0     |
| 143.00 | 620.0     |
| 146.90 | 118.0     |
| 148.10 | 164.0     |
| 148.70 | 72.0      |
| 149.00 | 64.0      |
| 149.90 | 83.0      |
| 155.10 | 157.0     |
| 157.00 | 121.0     |
| 158.90 | 64.0      |
| 160.80 | 84.0      |
| 163.20 | 126.0     |
| 164.90 | 76.0      |
| 170.90 | 97.0      |
| 171.80 | 123.0     |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
BFB771

|        |         |
|--------|---------|
| 172.90 | 557.0   |
| 174.00 | 54872.0 |
| 175.00 | 4378.0  |
| 176.00 | 54216.0 |
| 177.00 | 3842.0  |
| 177.90 | 69.0    |
| 178.90 | 192.0   |
| 191.00 | 397.0   |
| 192.00 | 83.0    |
| 193.00 | 485.0   |
| 194.20 | 109.0   |
| 194.90 | 72.0    |
| 205.10 | 137.0   |
| 207.10 | 365.0   |
| 220.90 | 57.0    |
| 249.10 | 219.0   |
| 250.20 | 84.0    |
| 250.80 | 156.0   |
| 251.10 | 153.0   |
| 265.00 | 455.0   |
| 266.20 | 130.0   |
| 281.10 | 4454.0  |
| 282.10 | 1290.0  |
| 283.00 | 622.0   |
| 284.10 | 206.0   |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
BFB771

| m/z    | Abundance |
|--------|-----------|
| 36.00  | 662.0     |
| 37.10  | 2746.0    |
| 38.10  | 2248.0    |
| 39.10  | 1022.0    |
| 39.90  | 279.0     |
| 43.00  | 137.0     |
| 44.00  | 583.0     |
| 45.00  | 623.0     |
| 47.00  | 957.0     |
| 47.90  | 393.0     |
| 49.00  | 2465.0    |
| 50.00  | 10437.0   |
| 51.10  | 3411.0    |
| 52.10  | 110.0     |
| 55.20  | 235.0     |
| 56.00  | 879.0     |
| 57.00  | 1457.0    |
| 57.90  | 116.0     |
| 59.00  | 204.0     |
| 60.10  | 455.0     |
| 61.00  | 3070.0    |
| 62.10  | 2615.0    |
| 63.10  | 2403.0    |
| 64.10  | 161.0     |
| 66.90  | 205.0     |
| 68.00  | 5408.0    |
| 69.00  | 5759.0    |
| 70.00  | 464.0     |
| 71.90  | 331.0     |
| 73.10  | 3037.0    |
| 74.00  | 9162.0    |
| 75.00  | 28144.0   |
| 76.00  | 2503.0    |
| 77.00  | 308.0     |
| 78.10  | 277.0     |
| 78.90  | 1646.0    |
| 80.00  | 628.0     |
| 81.00  | 1833.0    |
| 82.00  | 455.0     |
| 87.10  | 2507.0    |
| 88.00  | 2826.0    |
| 91.10  | 259.0     |
| 92.00  | 1528.0    |
| 93.00  | 2552.0    |
| 94.00  | 7193.0    |
| 95.00  | 63320.0   |
| 96.10  | 3861.0    |
| 97.10  | 101.0     |
| 103.00 | 240.0     |
| 103.90 | 257.0     |
| 105.00 | 206.0     |
| 105.90 | 244.0     |
| 110.10 | 76.0      |
| 111.90 | 113.0     |
| 113.00 | 57.0      |
| 114.90 | 140.0     |
| 116.00 | 228.0     |
| 116.80 | 448.0     |
| 118.10 | 244.0     |
| 119.00 | 411.0     |
| 120.80 | 53.0      |
| 124.90 | 321.0     |
| 125.80 | 189.0     |
| 127.80 | 247.0     |
| 129.00 | 118.0     |
| 129.80 | 268.0     |
| 130.70 | 64.0      |
| 131.10 | 115.0     |
| 133.10 | 851.0     |
| 134.20 | 148.0     |
| 135.10 | 108.0     |
| 136.80 | 63.0      |
| 139.00 | 76.0      |
| 140.90 | 611.0     |
| 142.90 | 672.0     |
| 144.70 | 69.0      |
| 145.80 | 95.0      |
| 146.90 | 145.0     |
| 148.00 | 184.0     |
| 148.90 | 144.0     |
| 149.90 | 121.0     |
| 154.90 | 139.0     |
| 157.00 | 218.0     |
| 159.00 | 121.0     |
| 160.80 | 120.0     |
| 163.10 | 132.0     |
| 164.90 | 70.0      |
| 171.10 | 116.0     |
| 173.00 | 448.0     |
| 174.00 | 51632.0   |
| 175.00 | 3633.0    |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
BFB771

|        |         |
|--------|---------|
| 176.00 | 50544.0 |
| 177.00 | 3254.0  |
| 178.10 | 174.0   |
| 179.10 | 317.0   |
| 189.20 | 60.0    |
| 191.00 | 623.0   |
| 192.10 | 168.0   |
| 193.10 | 918.0   |
| 194.10 | 231.0   |
| 195.00 | 171.0   |
| 205.00 | 204.0   |
| 207.10 | 587.0   |
| 208.20 | 128.0   |
| 249.10 | 548.0   |
| 250.10 | 145.0   |
| 251.10 | 184.0   |
| 265.10 | 696.0   |
| 266.00 | 117.0   |
| 267.10 | 172.0   |
| 281.10 | 6839.0  |
| 282.10 | 2006.0  |
| 283.10 | 1566.0  |
| 284.10 | 238.0   |
| 284.90 | 87.0    |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
BFB771