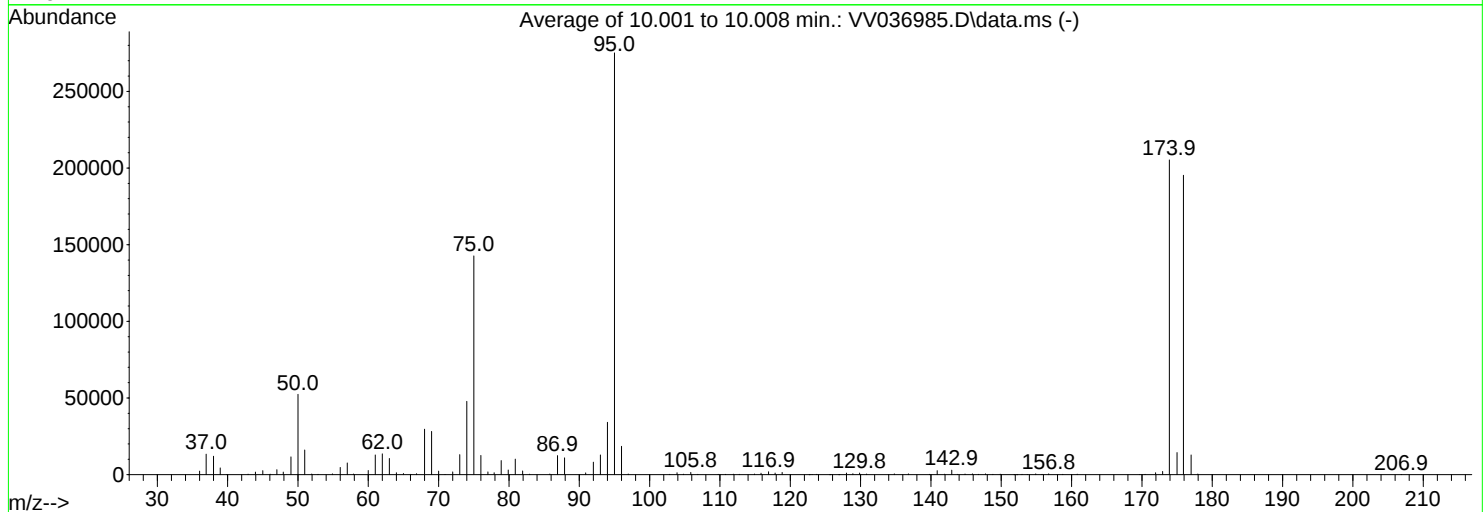
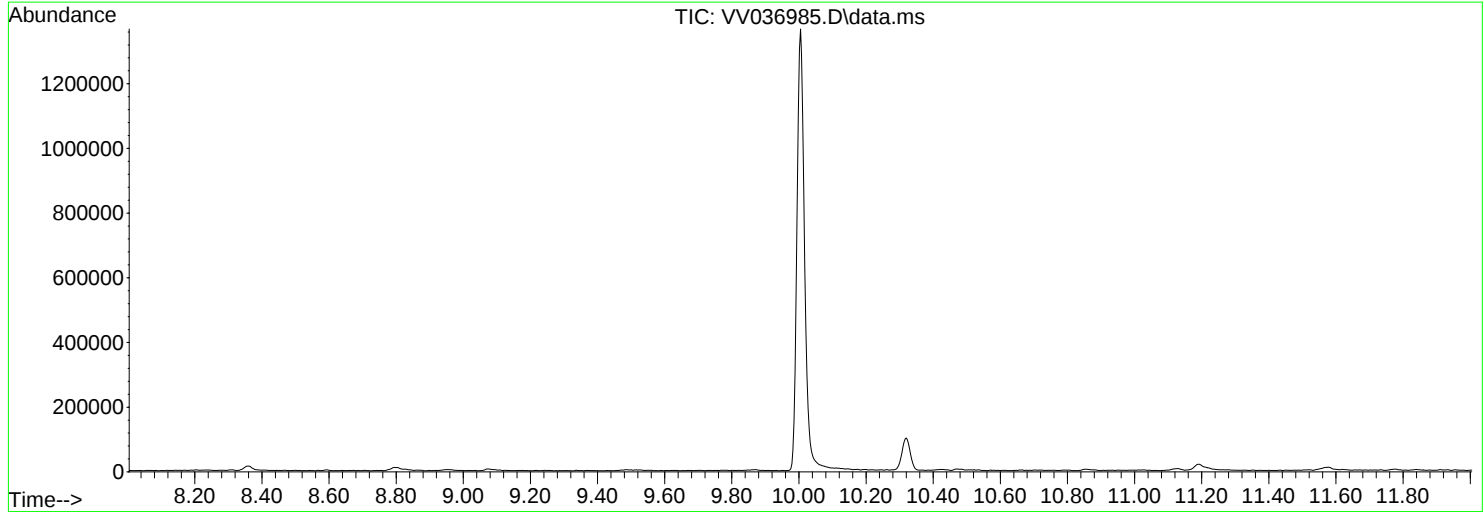


Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV082124\  
Data File : VV036985.D  
Acq On : 21 Aug 2024 09:16  
Operator : SY/MD  
Sample : BFB366  
Misc : 5.00mL/10mL/MSVOA\_V/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
BFB366

Integration File: LSCINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM082124SMA.M  
Title : VOC Analysis  
Last Update : Thu Aug 22 02:05:01 2024



AutoFind: Scans 2787, 2788, 2789; Background Corrected with Scan 2775

| 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              | 19.0         | 52363      | PASS                |
| 75             | 95              | 30              | 80              | 51.9         | 142677     | PASS                |
| 95             | 95              | 100             | 100             | 100.0        | 275157     | PASS                |
| 96             | 95              | 5               | 9               | 6.7          | 18523      | PASS                |
| 173            | 174             | 0.00            | 2               | 1.0          | 2083       | PASS                |
| 174            | 95              | 50              | 120             | 74.6         | 205333     | PASS                |
| 175            | 174             | 5               | 9               | 7.0          | 14452      | PASS                |
| 176            | 174             | 95              | 101             | 95.1         | 195264     | PASS                |
| 177            | 176             | 5               | 9               | 6.6          | 12879      | PASS                |

| m/z   | Abundance |
|-------|-----------|
| 35.30 | 128.0     |
| 36.20 | 160.0     |
| 36.90 | 110.0     |
| 38.90 | 248.0     |
| 40.00 | 499.0     |
| 40.90 | 208.0     |
| 41.90 | 205.0     |
| 43.00 | 148.0     |
| 43.90 | 1079.0    |
| 45.00 | 232.0     |
| 50.90 | 169.0     |
| 52.10 | 125.0     |
| 54.80 | 205.0     |
| 58.70 | 126.0     |
| 66.80 | 138.0     |
| 68.70 | 116.0     |
| 77.00 | 128.0     |
| 77.90 | 121.0     |

Instrument :  
MSVOA\_V  
ClientSampleId :  
BFB366

| m/z    | Abundance |
|--------|-----------|
| 36.00  | 2469.0    |
| 37.00  | 13550.0   |
| 38.00  | 12083.0   |
| 39.00  | 4465.0    |
| 39.90  | 621.0     |
| 40.90  | 201.0     |
| 42.10  | 151.0     |
| 42.90  | 417.0     |
| 44.00  | 2790.0    |
| 45.00  | 2902.0    |
| 46.10  | 336.0     |
| 47.00  | 3314.0    |
| 47.90  | 1568.0    |
| 49.00  | 11632.0   |
| 50.00  | 52776.0   |
| 51.00  | 16528.0   |
| 51.90  | 624.0     |
| 52.80  | 210.0     |
| 54.90  | 871.0     |
| 56.00  | 4715.0    |
| 57.00  | 8131.0    |
| 57.90  | 448.0     |
| 60.00  | 2652.0    |
| 61.00  | 12648.0   |
| 62.00  | 13501.0   |
| 63.00  | 10384.0   |
| 64.00  | 1192.0    |
| 65.00  | 713.0     |
| 66.00  | 235.0     |
| 66.90  | 646.0     |
| 68.00  | 29736.0   |
| 69.00  | 28032.0   |
| 70.00  | 2340.0    |
| 70.90  | 134.0     |
| 72.00  | 1688.0    |
| 73.00  | 12991.0   |
| 74.00  | 47632.0   |
| 75.00  | 141760.0  |
| 76.00  | 12688.0   |
| 77.00  | 1791.0    |
| 77.90  | 1348.0    |
| 78.90  | 9384.0    |
| 79.90  | 3077.0    |
| 80.90  | 10419.0   |
| 82.00  | 2245.0    |
| 83.00  | 296.0     |
| 85.80  | 409.0     |
| 86.90  | 12214.0   |
| 87.90  | 11348.0   |
| 90.90  | 1266.0    |
| 92.00  | 8017.0    |
| 93.00  | 12402.0   |
| 94.00  | 33984.0   |
| 95.00  | 273664.0  |
| 96.00  | 18560.0   |
| 97.00  | 477.0     |
| 102.80 | 122.0     |
| 103.90 | 1257.0    |
| 104.80 | 362.0     |
| 105.90 | 1615.0    |
| 106.90 | 221.0     |
| 109.70 | 233.0     |
| 110.80 | 261.0     |
| 111.90 | 347.0     |
| 112.80 | 272.0     |
| 114.90 | 444.0     |
| 115.80 | 884.0     |
| 116.90 | 1967.0    |
| 117.80 | 981.0     |
| 118.90 | 1571.0    |
| 123.00 | 111.0     |
| 123.70 | 236.0     |
| 125.60 | 107.0     |
| 126.00 | 122.0     |
| 126.90 | 105.0     |
| 128.00 | 986.0     |
| 128.90 | 604.0     |
| 129.80 | 1085.0    |
| 130.80 | 460.0     |
| 134.80 | 584.0     |
| 136.80 | 552.0     |
| 139.80 | 208.0     |
| 140.90 | 2670.0    |
| 141.90 | 382.0     |
| 143.00 | 2797.0    |
| 143.80 | 214.0     |
| 144.80 | 426.0     |
| 145.90 | 583.0     |
| 146.70 | 214.0     |
| 147.80 | 452.0     |
| 148.80 | 245.0     |
| 149.90 | 195.0     |

Instrument :  
MSVOA\_V  
ClientSampleId :  
BFB366

|        |          |
|--------|----------|
| 152.90 | 150.0    |
| 153.70 | 107.0    |
| 154.90 | 472.0    |
| 155.80 | 200.0    |
| 156.70 | 471.0    |
| 158.80 | 244.0    |
| 160.90 | 294.0    |
| 169.70 | 118.0    |
| 170.60 | 188.0    |
| 171.90 | 1358.0   |
| 173.00 | 1918.0   |
| 173.90 | 198784.0 |
| 175.00 | 13942.0  |
| 175.90 | 188224.0 |
| 177.00 | 12998.0  |
| 178.00 | 433.0    |
| 206.90 | 136.0    |

**Instrument :**  
MSVOA\_V  
**ClientSampleId :**  
BFB366

| m/z    | Abundance |
|--------|-----------|
| 36.00  | 2577.0    |
| 37.00  | 13930.0   |
| 38.00  | 12345.0   |
| 39.00  | 4846.0    |
| 39.90  | 655.0     |
| 41.00  | 211.0     |
| 42.00  | 162.0     |
| 42.90  | 447.0     |
| 44.00  | 2823.0    |
| 45.00  | 2976.0    |
| 46.00  | 334.0     |
| 47.00  | 3266.0    |
| 47.90  | 1750.0    |
| 49.00  | 12182.0   |
| 50.00  | 53952.0   |
| 51.00  | 16816.0   |
| 52.00  | 598.0     |
| 52.90  | 165.0     |
| 54.90  | 815.0     |
| 56.00  | 4874.0    |
| 57.00  | 7958.0    |
| 57.90  | 406.0     |
| 60.00  | 2775.0    |
| 61.00  | 13287.0   |
| 62.00  | 14049.0   |
| 63.00  | 10935.0   |
| 64.00  | 1257.0    |
| 65.00  | 747.0     |
| 66.00  | 214.0     |
| 66.90  | 733.0     |
| 68.00  | 30872.0   |
| 69.00  | 28960.0   |
| 70.00  | 2303.0    |
| 70.90  | 167.0     |
| 72.00  | 1934.0    |
| 73.00  | 13556.0   |
| 74.00  | 49528.0   |
| 75.00  | 147712.0  |
| 76.00  | 12991.0   |
| 77.00  | 1970.0    |
| 77.90  | 1390.0    |
| 78.90  | 9490.0    |
| 79.90  | 3102.0    |
| 80.90  | 10525.0   |
| 82.00  | 2466.0    |
| 83.00  | 343.0     |
| 85.80  | 420.0     |
| 86.90  | 12823.0   |
| 87.90  | 11326.0   |
| 90.90  | 1226.0    |
| 92.00  | 8484.0    |
| 93.00  | 13355.0   |
| 94.00  | 35464.0   |
| 95.00  | 285248.0  |
| 96.00  | 19320.0   |
| 97.00  | 438.0     |
| 102.80 | 170.0     |
| 103.90 | 1306.0    |
| 104.80 | 402.0     |
| 105.90 | 1546.0    |
| 106.80 | 250.0     |
| 109.70 | 255.0     |
| 110.80 | 240.0     |
| 111.90 | 377.0     |
| 112.70 | 271.0     |
| 114.90 | 543.0     |
| 115.90 | 1016.0    |
| 116.90 | 1969.0    |
| 117.80 | 1067.0    |
| 118.80 | 1571.0    |
| 122.70 | 101.0     |
| 123.10 | 109.0     |
| 123.70 | 233.0     |
| 125.90 | 130.0     |
| 128.00 | 1096.0    |
| 128.90 | 674.0     |
| 129.90 | 1073.0    |
| 130.90 | 427.0     |
| 134.00 | 139.0     |
| 134.80 | 482.0     |
| 136.80 | 562.0     |
| 139.80 | 241.0     |
| 140.90 | 2701.0    |
| 141.90 | 335.0     |
| 143.00 | 3150.0    |
| 143.80 | 266.0     |
| 144.80 | 430.0     |
| 145.90 | 594.0     |
| 146.80 | 271.0     |
| 147.70 | 538.0     |
| 148.80 | 265.0     |
| 149.80 | 285.0     |

Instrument :  
MSVOA\_V  
ClientSampleId :  
BFB366

|        |          |
|--------|----------|
| 152.20 | 112.0    |
| 153.00 | 208.0    |
| 153.70 | 155.0    |
| 154.90 | 523.0    |
| 155.80 | 258.0    |
| 156.70 | 567.0    |
| 158.70 | 241.0    |
| 160.80 | 325.0    |
| 169.70 | 128.0    |
| 170.40 | 157.0    |
| 172.00 | 1355.0   |
| 173.00 | 2115.0   |
| 173.90 | 212992.0 |
| 175.00 | 14987.0  |
| 175.90 | 202624.0 |
| 177.00 | 13267.0  |
| 178.00 | 411.0    |
| 206.90 | 133.0    |

**Instrument :**  
MSVOA\_V  
**ClientSampleId :**  
BFB366

| m/z    | Abundance |
|--------|-----------|
| 36.00  | 2484.0    |
| 37.00  | 13037.0   |
| 38.00  | 11654.0   |
| 39.00  | 4697.0    |
| 39.90  | 594.0     |
| 41.10  | 211.0     |
| 42.00  | 158.0     |
| 42.90  | 405.0     |
| 44.00  | 2725.0    |
| 45.00  | 2596.0    |
| 46.00  | 321.0     |
| 47.00  | 3063.0    |
| 47.90  | 1756.0    |
| 49.00  | 11076.0   |
| 50.00  | 50360.0   |
| 51.00  | 15301.0   |
| 52.00  | 557.0     |
| 52.90  | 172.0     |
| 55.00  | 666.0     |
| 56.00  | 4472.0    |
| 57.00  | 6696.0    |
| 57.90  | 305.0     |
| 60.00  | 2674.0    |
| 61.00  | 12469.0   |
| 62.00  | 13307.0   |
| 63.00  | 10193.0   |
| 64.00  | 1201.0    |
| 65.00  | 754.0     |
| 66.10  | 203.0     |
| 66.90  | 813.0     |
| 68.00  | 28328.0   |
| 69.00  | 27536.0   |
| 70.00  | 2210.0    |
| 70.90  | 171.0     |
| 72.00  | 1872.0    |
| 73.00  | 12496.0   |
| 74.00  | 46256.0   |
| 75.00  | 138560.0  |
| 76.00  | 11791.0   |
| 77.00  | 1865.0    |
| 77.90  | 1332.0    |
| 78.90  | 8866.0    |
| 79.90  | 2828.0    |
| 80.90  | 9594.0    |
| 81.90  | 2384.0    |
| 82.90  | 360.0     |
| 85.80  | 384.0     |
| 86.90  | 12167.0   |
| 87.90  | 10229.0   |
| 90.90  | 1113.0    |
| 92.00  | 7797.0    |
| 93.00  | 12733.0   |
| 94.00  | 32920.0   |
| 95.00  | 266560.0  |
| 96.00  | 17688.0   |
| 96.90  | 372.0     |
| 102.90 | 199.0     |
| 103.90 | 1322.0    |
| 104.80 | 355.0     |
| 105.80 | 1356.0    |
| 106.80 | 219.0     |
| 109.80 | 205.0     |
| 110.80 | 227.0     |
| 111.90 | 321.0     |
| 112.70 | 271.0     |
| 114.90 | 449.0     |
| 115.90 | 1109.0    |
| 116.90 | 1773.0    |
| 117.90 | 1132.0    |
| 118.80 | 1346.0    |
| 123.20 | 114.0     |
| 123.80 | 209.0     |
| 125.90 | 160.0     |
| 128.00 | 967.0     |
| 128.90 | 712.0     |
| 129.90 | 1041.0    |
| 130.90 | 361.0     |
| 134.00 | 157.0     |
| 134.80 | 459.0     |
| 136.80 | 555.0     |
| 139.80 | 224.0     |
| 140.90 | 2639.0    |
| 142.00 | 289.0     |
| 142.90 | 2998.0    |
| 143.80 | 288.0     |
| 144.90 | 373.0     |
| 145.90 | 546.0     |
| 146.80 | 252.0     |
| 147.70 | 576.0     |
| 148.80 | 253.0     |
| 149.80 | 342.0     |
| 151.80 | 139.0     |

Instrument :  
MSVOA\_V  
ClientSampleId :  
BFB366

|        |          |
|--------|----------|
| 153.00 | 251.0    |
| 153.70 | 183.0    |
| 154.90 | 492.0    |
| 155.80 | 245.0    |
| 156.80 | 561.0    |
| 158.80 | 251.0    |
| 160.70 | 301.0    |
| 169.70 | 119.0    |
| 170.40 | 139.0    |
| 172.00 | 1194.0   |
| 172.90 | 2215.0   |
| 173.90 | 204224.0 |
| 175.00 | 14426.0  |
| 175.90 | 194944.0 |
| 177.00 | 12372.0  |
| 177.90 | 350.0    |
| 206.90 | 109.0    |

**Instrument :**  
MSVOA\_V  
**ClientSampleId :**  
BFB366