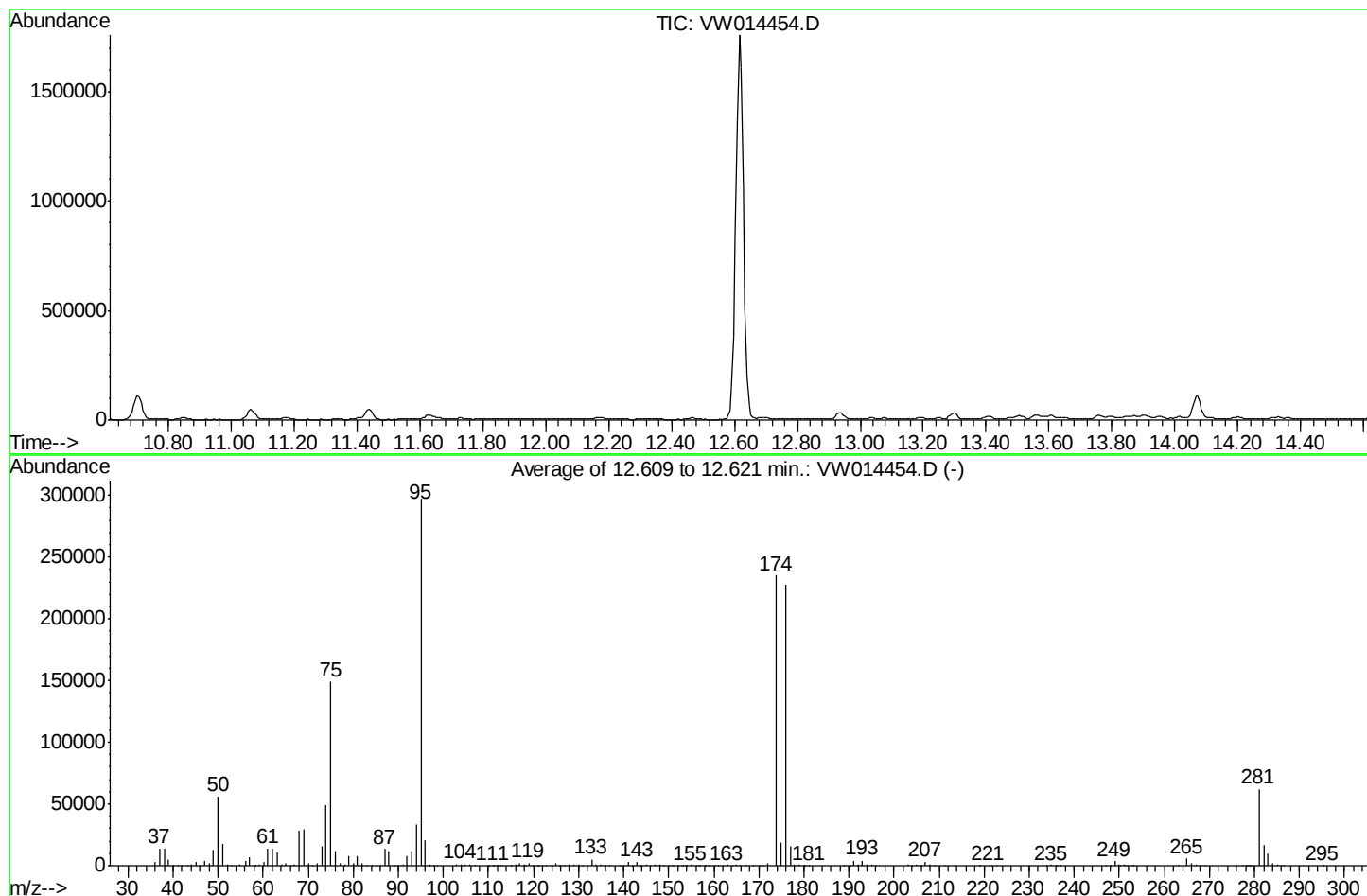


Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW121919\  
 Data File : VW014454.D  
 Acq On : 19 Dec 2019 09:14  
 Operator : SY/VA  
 Sample : BFB12  
 Misc : 5.00G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BFB12

Integration File: LSCINT.P

Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM120519S.M  
 Title : VOC Analysis  
 Last Update : Fri Dec 20 01:12:43 2019



AutoFind: Scans 1756, 1757, 1758; Background Corrected with Scan 1748

| Target Mass | Rel. to Mass | Lower Limit% | Upper Limit% | Rel. Abn% | Raw Abn | Result Pass/Fail |
|-------------|--------------|--------------|--------------|-----------|---------|------------------|
| 50          | 95           | 15           | 40           | 18.9      | 56133   | PASS             |
| 75          | 95           | 30           | 80           | 50.1      | 148845  | PASS             |
| 95          | 95           | 100          | 100          | 100.0     | 297109  | PASS             |
| 96          | 95           | 5            | 9            | 6.8       | 20237   | PASS             |
| 173         | 174          | 0.00         | 2            | 0.0       | 0       | PASS             |
| 174         | 95           | 50           | 120          | 79.1      | 235072  | PASS             |
| 175         | 174          | 5            | 9            | 8.1       | 19106   | PASS             |
| 176         | 174          | 95           | 101          | 96.7      | 227370  | PASS             |
| 177         | 176          | 5            | 9            | 7.0       | 15968   | PASS             |

| m/z    | Abundance |
|--------|-----------|
| 36.10  | 2443.0    |
| 37.10  | 12557.0   |
| 38.10  | 12051.0   |
| 39.00  | 4857.0    |
| 40.00  | 927.0     |
| 42.20  | 153.0     |
| 43.20  | 394.0     |
| 44.00  | 1718.0    |
| 45.00  | 2919.0    |
| 46.00  | 392.0     |
| 47.00  | 3742.0    |
| 48.00  | 1765.0    |
| 49.00  | 11593.0   |
| 50.00  | 50496.0   |
| 51.00  | 15288.0   |
| 52.10  | 938.0     |
| 53.10  | 433.0     |
| 54.00  | 88.0      |
| 55.00  | 734.0     |
| 56.10  | 3741.0    |
| 57.10  | 5841.0    |
| 58.10  | 311.0     |
| 59.00  | 972.0     |
| 60.10  | 2936.0    |
| 61.00  | 13737.0   |
| 62.00  | 12093.0   |
| 63.00  | 10781.0   |
| 64.20  | 1298.0    |
| 65.20  | 1572.0    |
| 66.00  | 228.0     |
| 67.00  | 1014.0    |
| 68.00  | 24576.0   |
| 69.00  | 26816.0   |
| 70.00  | 1773.0    |
| 70.90  | 143.0     |
| 72.00  | 1531.0    |
| 73.00  | 15250.0   |
| 74.00  | 42784.0   |
| 75.00  | 127168.0  |
| 76.00  | 9933.0    |
| 77.10  | 1908.0    |
| 78.00  | 1245.0    |
| 78.90  | 6272.0    |
| 80.00  | 1861.0    |
| 80.90  | 6505.0    |
| 82.00  | 1615.0    |
| 83.10  | 320.0     |
| 84.10  | 130.0     |
| 85.10  | 127.0     |
| 86.10  | 402.0     |
| 87.00  | 11966.0   |
| 87.90  | 9961.0    |
| 90.00  | 54.0      |
| 90.90  | 1122.0    |
| 92.00  | 6004.0    |
| 93.00  | 10488.0   |
| 94.00  | 29496.0   |
| 95.00  | 248832.0  |
| 96.00  | 17600.0   |
| 96.90  | 615.0     |
| 97.80  | 85.0      |
| 98.60  | 75.0      |
| 103.00 | 1217.0    |
| 103.90 | 1132.0    |
| 105.00 | 669.0     |
| 106.00 | 1069.0    |
| 107.00 | 237.0     |
| 110.10 | 586.0     |
| 111.00 | 534.0     |
| 111.80 | 480.0     |
| 112.30 | 266.0     |
| 113.00 | 279.0     |
| 114.90 | 724.0     |
| 115.90 | 850.0     |
| 117.00 | 1986.0    |
| 117.90 | 1570.0    |
| 118.90 | 2421.0    |
| 119.90 | 225.0     |
| 120.80 | 295.0     |
| 123.80 | 248.0     |
| 124.90 | 2214.0    |
| 125.80 | 727.0     |
| 127.00 | 136.0     |
| 128.00 | 829.0     |
| 129.00 | 465.0     |
| 130.00 | 851.0     |
| 130.90 | 497.0     |
| 133.00 | 7593.0    |
| 133.90 | 1552.0    |
| 134.90 | 986.0     |
| 135.60 | 123.0     |
| 137.00 | 328.0     |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB12

|        |          |
|--------|----------|
| 139.10 | 87.0     |
| 140.00 | 250.0    |
| 140.90 | 1672.0   |
| 141.80 | 328.0    |
| 142.90 | 2617.0   |
| 144.00 | 279.0    |
| 144.90 | 818.0    |
| 146.00 | 542.0    |
| 147.00 | 1038.0   |
| 147.90 | 775.0    |
| 148.80 | 545.0    |
| 149.90 | 494.0    |
| 150.80 | 81.0     |
| 152.00 | 67.0     |
| 153.00 | 173.0    |
| 154.10 | 119.0    |
| 154.90 | 719.0    |
| 156.10 | 102.0    |
| 156.70 | 328.0    |
| 157.90 | 74.0     |
| 158.80 | 371.0    |
| 160.10 | 75.0     |
| 161.00 | 445.0    |
| 162.00 | 144.0    |
| 163.00 | 1243.0   |
| 164.20 | 168.0    |
| 165.00 | 685.0    |
| 165.80 | 98.0     |
| 167.00 | 102.0    |
| 168.70 | 142.0    |
| 171.00 | 377.0    |
| 172.00 | 2228.0   |
| 174.00 | 172928.0 |
| 175.00 | 14758.0  |
| 175.90 | 165760.0 |
| 176.90 | 13464.0  |
| 177.90 | 901.0    |
| 179.00 | 1224.0   |
| 180.00 | 448.0    |
| 181.10 | 217.0    |
| 189.00 | 420.0    |
| 191.00 | 5422.0   |
| 192.20 | 1285.0   |
| 193.00 | 6134.0   |
| 194.10 | 1095.0   |
| 195.10 | 814.0    |
| 195.80 | 53.0     |
| 203.10 | 639.0    |
| 204.00 | 132.0    |
| 205.00 | 1397.0   |
| 205.80 | 250.0    |
| 207.00 | 4267.0   |
| 208.10 | 787.0    |
| 209.00 | 567.0    |
| 211.30 | 56.0     |
| 218.90 | 215.0    |
| 221.20 | 272.0    |
| 235.00 | 1147.0   |
| 235.80 | 184.0    |
| 236.20 | 130.0    |
| 236.80 | 158.0    |
| 246.90 | 105.0    |
| 249.00 | 4510.0   |
| 249.90 | 1314.0   |
| 250.90 | 2278.0   |
| 251.90 | 525.0    |
| 253.00 | 256.0    |
| 263.00 | 74.0     |
| 265.00 | 7057.0   |
| 266.10 | 2156.0   |
| 267.00 | 1832.0   |
| 267.90 | 406.0    |
| 269.00 | 314.0    |
| 275.90 | 161.0    |
| 277.30 | 62.0     |
| 278.20 | 222.0    |
| 279.00 | 699.0    |
| 281.00 | 78536.0  |
| 282.10 | 22064.0  |
| 283.10 | 13090.0  |
| 284.00 | 3221.0   |
| 284.90 | 929.0    |
| 285.90 | 181.0    |
| 286.30 | 57.0     |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB12

| m/z    | Abundance |
|--------|-----------|
| 36.00  | 2930.0    |
| 37.10  | 15204.0   |
| 38.10  | 14770.0   |
| 39.00  | 6813.0    |
| 40.20  | 687.0     |
| 41.00  | 188.0     |
| 42.00  | 188.0     |
| 42.90  | 314.0     |
| 44.00  | 2455.0    |
| 45.00  | 3657.0    |
| 46.00  | 346.0     |
| 47.00  | 5076.0    |
| 48.00  | 2378.0    |
| 49.00  | 13654.0   |
| 50.00  | 64208.0   |
| 51.10  | 20584.0   |
| 52.10  | 874.0     |
| 52.90  | 485.0     |
| 54.00  | 73.0      |
| 54.80  | 910.0     |
| 56.00  | 4432.0    |
| 57.10  | 8067.0    |
| 58.30  | 511.0     |
| 59.10  | 983.0     |
| 60.10  | 2914.0    |
| 61.00  | 14613.0   |
| 62.00  | 15615.0   |
| 63.00  | 11151.0   |
| 64.10  | 1591.0    |
| 65.00  | 1911.0    |
| 66.10  | 247.0     |
| 67.00  | 838.0     |
| 68.00  | 31944.0   |
| 69.00  | 33056.0   |
| 70.00  | 2988.0    |
| 71.00  | 221.0     |
| 72.00  | 1701.0    |
| 73.00  | 17632.0   |
| 74.00  | 56144.0   |
| 75.00  | 166464.0  |
| 76.00  | 13675.0   |
| 77.10  | 2196.0    |
| 78.00  | 1860.0    |
| 78.90  | 8676.0    |
| 80.00  | 2351.0    |
| 80.90  | 8722.0    |
| 81.90  | 2200.0    |
| 82.90  | 231.0     |
| 85.10  | 81.0      |
| 86.00  | 496.0     |
| 87.00  | 14379.0   |
| 87.90  | 13916.0   |
| 89.90  | 76.0      |
| 91.00  | 961.0     |
| 92.00  | 8616.0    |
| 93.00  | 12870.0   |
| 94.00  | 36648.0   |
| 95.00  | 329856.0  |
| 96.00  | 23128.0   |
| 97.10  | 990.0     |
| 97.90  | 90.0      |
| 103.00 | 1047.0    |
| 104.00 | 1370.0    |
| 104.80 | 576.0     |
| 105.90 | 1272.0    |
| 106.90 | 293.0     |
| 109.70 | 400.0     |
| 110.80 | 589.0     |
| 112.10 | 369.0     |
| 112.70 | 357.0     |
| 114.90 | 615.0     |
| 115.90 | 1254.0    |
| 116.90 | 2272.0    |
| 117.90 | 1202.0    |
| 118.90 | 2448.0    |
| 119.80 | 143.0     |
| 120.20 | 97.0      |
| 121.20 | 73.0      |
| 122.80 | 157.0     |
| 124.00 | 226.0     |
| 125.00 | 1869.0    |
| 125.80 | 780.0     |
| 126.80 | 354.0     |
| 127.90 | 1247.0    |
| 128.80 | 462.0     |
| 129.80 | 1096.0    |
| 130.80 | 546.0     |
| 131.90 | 263.0     |
| 133.00 | 5111.0    |
| 133.80 | 1265.0    |
| 134.90 | 902.0     |
| 136.00 | 148.0     |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB12

|        |          |
|--------|----------|
| 136.80 | 632.0    |
| 139.00 | 116.0    |
| 140.10 | 302.0    |
| 140.90 | 3256.0   |
| 141.90 | 373.0    |
| 143.00 | 3835.0   |
| 144.10 | 340.0    |
| 145.00 | 1043.0   |
| 146.00 | 282.0    |
| 147.00 | 901.0    |
| 148.00 | 914.0    |
| 148.90 | 628.0    |
| 150.00 | 363.0    |
| 150.70 | 102.0    |
| 152.00 | 168.0    |
| 152.80 | 236.0    |
| 153.20 | 294.0    |
| 153.80 | 157.0    |
| 155.00 | 488.0    |
| 156.00 | 211.0    |
| 157.00 | 567.0    |
| 158.00 | 131.0    |
| 159.00 | 479.0    |
| 161.00 | 547.0    |
| 161.90 | 211.0    |
| 163.00 | 831.0    |
| 164.30 | 63.0     |
| 164.90 | 649.0    |
| 165.80 | 61.0     |
| 167.10 | 139.0    |
| 169.00 | 96.0     |
| 171.00 | 460.0    |
| 172.00 | 2575.0   |
| 173.90 | 263680.0 |
| 175.00 | 20736.0  |
| 175.90 | 258048.0 |
| 176.90 | 16864.0  |
| 178.00 | 843.0    |
| 179.00 | 1476.0   |
| 180.20 | 153.0    |
| 181.20 | 174.0    |
| 188.90 | 336.0    |
| 190.10 | 309.0    |
| 191.00 | 4200.0   |
| 192.00 | 1064.0   |
| 193.00 | 4151.0   |
| 194.10 | 749.0    |
| 194.90 | 605.0    |
| 195.80 | 117.0    |
| 203.00 | 583.0    |
| 203.90 | 157.0    |
| 205.00 | 1145.0   |
| 206.00 | 269.0    |
| 207.00 | 3435.0   |
| 208.00 | 841.0    |
| 209.10 | 298.0    |
| 219.10 | 107.0    |
| 221.00 | 334.0    |
| 221.60 | 64.0     |
| 222.80 | 118.0    |
| 233.80 | 95.0     |
| 234.90 | 556.0    |
| 236.30 | 62.0     |
| 236.90 | 125.0    |
| 247.00 | 117.0    |
| 247.90 | 179.0    |
| 249.00 | 4261.0   |
| 249.90 | 1041.0   |
| 250.90 | 1835.0   |
| 251.90 | 282.0    |
| 252.90 | 324.0    |
| 265.00 | 6087.0   |
| 265.90 | 1746.0   |
| 267.10 | 1819.0   |
| 268.00 | 271.0    |
| 269.00 | 220.0    |
| 278.40 | 150.0    |
| 279.20 | 513.0    |
| 281.10 | 65104.0  |
| 282.10 | 18816.0  |
| 283.00 | 10220.0  |
| 284.00 | 2303.0   |
| 285.00 | 476.0    |
| 286.00 | 167.0    |
| 295.30 | 64.0     |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB12

| m/z    | Abundance |
|--------|-----------|
| 36.00  | 2663.0    |
| 37.00  | 14682.0   |
| 38.10  | 13128.0   |
| 39.10  | 4913.0    |
| 40.10  | 682.0     |
| 41.20  | 315.0     |
| 42.00  | 159.0     |
| 43.00  | 322.0     |
| 44.00  | 1964.0    |
| 45.00  | 2795.0    |
| 46.00  | 255.0     |
| 47.10  | 3790.0    |
| 47.90  | 1850.0    |
| 49.00  | 11817.0   |
| 50.00  | 53696.0   |
| 51.10  | 16576.0   |
| 52.00  | 790.0     |
| 53.00  | 263.0     |
| 54.00  | 76.0      |
| 54.90  | 907.0     |
| 56.00  | 4230.0    |
| 57.10  | 7459.0    |
| 58.00  | 238.0     |
| 59.10  | 345.0     |
| 60.00  | 2708.0    |
| 61.00  | 13925.0   |
| 62.00  | 13205.0   |
| 63.00  | 10247.0   |
| 64.00  | 1374.0    |
| 65.00  | 1326.0    |
| 66.00  | 241.0     |
| 67.00  | 811.0     |
| 68.00  | 29656.0   |
| 69.00  | 29512.0   |
| 70.00  | 2149.0    |
| 71.00  | 186.0     |
| 71.90  | 1709.0    |
| 73.10  | 14490.0   |
| 74.00  | 49248.0   |
| 75.00  | 153088.0  |
| 76.00  | 13135.0   |
| 77.00  | 1808.0    |
| 78.10  | 1135.0    |
| 78.90  | 7258.0    |
| 79.90  | 2077.0    |
| 81.00  | 7319.0    |
| 82.00  | 1750.0    |
| 82.90  | 177.0     |
| 85.10  | 63.0      |
| 85.90  | 557.0     |
| 87.00  | 14584.0   |
| 88.00  | 12746.0   |
| 89.10  | 148.0     |
| 90.90  | 1212.0    |
| 92.00  | 8519.0    |
| 93.00  | 12990.0   |
| 94.00  | 34944.0   |
| 95.00  | 312640.0  |
| 96.00  | 19984.0   |
| 97.10  | 727.0     |
| 103.00 | 565.0     |
| 103.80 | 1325.0    |
| 104.90 | 527.0     |
| 106.00 | 973.0     |
| 106.90 | 323.0     |
| 109.80 | 189.0     |
| 110.20 | 170.0     |
| 111.10 | 475.0     |
| 112.10 | 303.0     |
| 113.10 | 274.0     |
| 115.10 | 413.0     |
| 116.00 | 808.0     |
| 117.00 | 1775.0    |
| 118.10 | 1194.0    |
| 118.90 | 1881.0    |
| 119.90 | 197.0     |
| 121.20 | 150.0     |
| 121.90 | 68.0      |
| 122.90 | 141.0     |
| 124.00 | 154.0     |
| 125.10 | 974.0     |
| 126.10 | 298.0     |
| 126.90 | 154.0     |
| 127.90 | 876.0     |
| 128.90 | 730.0     |
| 130.00 | 714.0     |
| 130.80 | 335.0     |
| 132.00 | 125.0     |
| 132.90 | 2363.0    |
| 133.80 | 623.0     |
| 134.80 | 616.0     |
| 135.80 | 166.0     |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB12

|        |          |
|--------|----------|
| 136.90 | 475.0    |
| 139.00 | 142.0    |
| 139.90 | 189.0    |
| 141.00 | 2804.0   |
| 141.90 | 275.0    |
| 142.90 | 3379.0   |
| 143.80 | 283.0    |
| 145.10 | 921.0    |
| 145.80 | 308.0    |
| 146.90 | 634.0    |
| 147.90 | 876.0    |
| 149.00 | 285.0    |
| 150.00 | 340.0    |
| 151.10 | 65.0     |
| 152.00 | 195.0    |
| 153.00 | 294.0    |
| 154.00 | 172.0    |
| 154.90 | 597.0    |
| 156.90 | 566.0    |
| 157.90 | 53.0     |
| 158.20 | 52.0     |
| 158.80 | 402.0    |
| 159.10 | 396.0    |
| 161.00 | 552.0    |
| 161.80 | 82.0     |
| 163.00 | 462.0    |
| 164.90 | 398.0    |
| 167.10 | 103.0    |
| 169.10 | 161.0    |
| 170.20 | 107.0    |
| 170.90 | 378.0    |
| 172.00 | 2212.0   |
| 173.90 | 268608.0 |
| 175.00 | 21824.0  |
| 175.90 | 258304.0 |
| 177.00 | 17576.0  |
| 177.90 | 696.0    |
| 178.90 | 527.0    |
| 180.00 | 160.0    |
| 189.10 | 300.0    |
| 191.10 | 2022.0   |
| 191.80 | 450.0    |
| 193.00 | 2511.0   |
| 193.90 | 466.0    |
| 195.00 | 361.0    |
| 195.70 | 104.0    |
| 203.10 | 389.0    |
| 203.80 | 70.0     |
| 204.90 | 620.0    |
| 207.10 | 2696.0   |
| 208.10 | 595.0    |
| 209.20 | 293.0    |
| 218.90 | 89.0     |
| 221.00 | 76.0     |
| 222.80 | 75.0     |
| 233.90 | 68.0     |
| 234.90 | 242.0    |
| 237.00 | 62.0     |
| 248.90 | 2724.0   |
| 250.10 | 443.0    |
| 251.10 | 1067.0   |
| 251.90 | 354.0    |
| 253.20 | 98.0     |
| 265.00 | 3876.0   |
| 266.10 | 920.0    |
| 267.10 | 715.0    |
| 269.00 | 54.0     |
| 278.70 | 100.0    |
| 281.00 | 41816.0  |
| 282.00 | 10182.0  |
| 283.10 | 6798.0   |
| 284.00 | 1460.0   |
| 285.10 | 382.0    |
| 295.20 | 83.0     |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB12

Scan 1748 (12.561 min): VW014454.D  
BFB12

| m/z    | Abundance |
|--------|-----------|
| 35.80  | 72.0      |
| 37.80  | 54.0      |
| 39.20  | 174.0     |
| 40.10  | 345.0     |
| 41.00  | 202.0     |
| 42.00  | 78.0      |
| 43.00  | 241.0     |
| 44.00  | 559.0     |
| 50.90  | 87.0      |
| 53.10  | 54.0      |
| 55.00  | 160.0     |
| 57.00  | 155.0     |
| 69.00  | 145.0     |
| 75.10  | 61.0      |
| 119.00 | 143.0     |
| 169.00 | 116.0     |
| 179.50 | 68.0      |
| 206.90 | 89.0      |

Instrument :  
MSVOA\_W  
ClientSampleId :  
BFB12