

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042719\  
 Data File : VU031527.D  
 Acq On : 26 Apr 2019 13:02  
 Operator : JC/SP  
 Sample : VU0427WBL01  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VBLK45

## Integration Parameters: LSCINT.P

Integrator: RTE  
 Smoothing : OFF  
 Sampling : 1  
 Start Thrs: 0.2  
 Stop Thrs : 0

Filtering: 5  
 Min Area: 0 % of largest Peak  
 Max Peaks: 100  
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM042719WMA.M  
 Title : VOC Analysis

Signal : TIC

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 1.180       | 24            | 28          | 40           | rVB4     | 20477          | 22293         | 0.70%           | 0.097%        |
| 2         | 1.396       | 87            | 95          | 106          | rBV      | 417474         | 456204        | 14.31%          | 1.976%        |
| 3         | 1.679       | 176           | 183         | 200          | rVB      | 335674         | 414865        | 13.01%          | 1.797%        |
| 4         | 2.270       | 356           | 367         | 380          | rVB      | 703405         | 1085963       | 34.06%          | 4.703%        |
| 5         | 2.470       | 426           | 429         | 441          | rVB2     | 8253           | 12219         | 0.38%           | 0.053%        |
| 6         | 2.569       | 457           | 460         | 462          | rBV4     | 1201           | 892           | 0.03%           | 0.004%        |
| 7         | 2.769       | 519           | 522         | 526          | rVB3     | 1802           | 1118          | 0.04%           | 0.005%        |
| 8         | 2.794       | 527           | 530         | 532          | rBV3     | 1099           | 714           | 0.02%           | 0.003%        |
| 9         | 2.827       | 538           | 540         | 542          | rBV2     | 1289           | 782           | 0.02%           | 0.003%        |
| 10        | 2.978       | 581           | 587         | 590          | rBV4     | 3623           | 3711          | 0.12%           | 0.016%        |
| 11        | 3.103       | 623           | 626         | 631          | rVB3     | 805            | 750           | 0.02%           | 0.003%        |
| 12        | 3.167       | 641           | 646         | 648          | rBV2     | 1103           | 933           | 0.03%           | 0.004%        |
| 13        | 3.335       | 696           | 698         | 702          | rVB3     | 1294           | 723           | 0.02%           | 0.003%        |
| 14        | 3.392       | 714           | 716         | 721          | rVB3     | 1078           | 725           | 0.02%           | 0.003%        |
| 15        | 3.431       | 725           | 728         | 731          | rBV4     | 1017           | 816           | 0.03%           | 0.004%        |
| 16        | 3.653       | 791           | 797         | 799          | rBV2     | 993            | 712           | 0.02%           | 0.003%        |
| 17        | 3.753       | 824           | 828         | 830          | rBV2     | 1401           | 1004          | 0.03%           | 0.004%        |
| 18        | 3.785       | 834           | 838         | 843          | rBV2     | 1285           | 1002          | 0.03%           | 0.004%        |
| 19        | 3.810       | 843           | 846         | 850          | rBV3     | 1065           | 889           | 0.03%           | 0.004%        |
| 20        | 3.875       | 863           | 866         | 869          | rBV2     | 1240           | 809           | 0.03%           | 0.004%        |
| 21        | 4.035       | 912           | 916         | 920          | rVB6     | 1456           | 1433          | 0.04%           | 0.006%        |
| 22        | 4.064       | 920           | 925         | 932          | rBV2     | 1531           | 1983          | 0.06%           | 0.009%        |
| 23        | 4.125       | 938           | 944         | 947          | rBV3     | 934            | 793           | 0.02%           | 0.003%        |
| 24        | 4.187       | 949           | 963         | 1010         | rBV      | 278336         | 910218        | 28.55%          | 3.942%        |
| 25        | 4.643       | 1088          | 1105        | 1125         | rBV      | 513544         | 1220129       | 38.27%          | 5.284%        |
| 26        | 4.762       | 1139          | 1142        | 1146         | rBV5     | 1531           | 1012          | 0.03%           | 0.004%        |
| 27        | 4.881       | 1173          | 1179        | 1182         | rBV5     | 1958           | 2314          | 0.07%           | 0.010%        |
| 28        | 4.987       | 1198          | 1212        | 1219         | rBV9     | 3751           | 8219          | 0.26%           | 0.036%        |
| 29        | 5.106       | 1244          | 1249        | 1251         | rBV5     | 1641           | 1340          | 0.04%           | 0.006%        |
| 30        | 5.225       | 1282          | 1286        | 1289         | rBV5     | 1476           | 1265          | 0.04%           | 0.005%        |
| 31        | 5.248       | 1290          | 1293        | 1297         | rVB4     | 2269           | 1581          | 0.05%           | 0.007%        |
| 32        | 5.334       | 1297          | 1320        | 1353         | rBV2     | 1038734        | 3187955       | 100.00%         | 13.806%       |
| 33        | 5.711       | 1434          | 1437        | 1441         | rVB4     | 1333           | 933           | 0.03%           | 0.004%        |
| 34        | 5.736       | 1441          | 1445        | 1450         | rVB7     | 781            | 804           | 0.03%           | 0.003%        |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042719\  
 Data File : VU031527.D  
 Acq On : 26 Apr 2019 13:02  
 Operator : JC/SP  
 Sample : VU0427WBL01  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VBLK45

## Integration Parameters: LSCINT.P

Integrator: RTE  
 Smoothing : OFF  
 Sampling : 1  
 Start Thrs: 0.2  
 Stop Thrs : 0

Filtering: 5  
 Min Area: 0 % of largest Peak  
 Max Peaks: 100  
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM042719WMA.M  
 Title : VOC Analysis

|    |       |      |      |      |      |         |         |        |         |
|----|-------|------|------|------|------|---------|---------|--------|---------|
| 35 | 5.762 | 1450 | 1453 | 1455 | rBV3 | 1488    | 1095    | 0.03%  | 0.005%  |
| 36 | 5.791 | 1460 | 1462 | 1466 | rVB3 | 1072    | 696     | 0.02%  | 0.003%  |
| 37 | 5.881 | 1476 | 1490 | 1529 | rBV  | 834848  | 1759058 | 55.18% | 7.618%  |
| 38 | 6.183 | 1576 | 1584 | 1599 | rVB  | 9608    | 19384   | 0.61%  | 0.084%  |
| 39 | 6.325 | 1612 | 1628 | 1649 | rBV  | 699548  | 1449961 | 45.48% | 6.279%  |
| 40 | 6.540 | 1693 | 1695 | 1698 | rVB3 | 1686    | 848     | 0.03%  | 0.004%  |
| 41 | 6.630 | 1720 | 1723 | 1727 | rBV3 | 1230    | 1019    | 0.03%  | 0.004%  |
| 42 | 6.711 | 1745 | 1748 | 1750 | rVV3 | 1341    | 773     | 0.02%  | 0.003%  |
| 43 | 6.749 | 1755 | 1760 | 1764 | rBV3 | 1472    | 1606    | 0.05%  | 0.007%  |
| 44 | 6.775 | 1764 | 1768 | 1773 | rBV5 | 1129    | 1194    | 0.04%  | 0.005%  |
| 45 | 6.826 | 1781 | 1784 | 1789 | rVB5 | 1177    | 1103    | 0.03%  | 0.005%  |
| 46 | 6.907 | 1806 | 1809 | 1812 | rVB4 | 1444    | 741     | 0.02%  | 0.003%  |
| 47 | 6.939 | 1817 | 1819 | 1821 | rBV2 | 1091    | 738     | 0.02%  | 0.003%  |
| 48 | 6.974 | 1826 | 1830 | 1832 | rBV3 | 1019    | 849     | 0.03%  | 0.004%  |
| 49 | 7.022 | 1841 | 1845 | 1848 | rBV4 | 1523    | 1291    | 0.04%  | 0.006%  |
| 50 | 7.096 | 1865 | 1868 | 1871 | rVB4 | 1094    | 821     | 0.03%  | 0.004%  |
| 51 | 7.225 | 1896 | 1908 | 1930 | rBV  | 368808  | 688527  | 21.60% | 2.982%  |
| 52 | 7.469 | 1980 | 1984 | 1990 | rVB6 | 3011    | 3155    | 0.10%  | 0.014%  |
| 53 | 7.563 | 2000 | 2013 | 2054 | rBV  | 1240015 | 2340688 | 73.42% | 10.137% |
| 54 | 7.849 | 2091 | 2102 | 2127 | rBV2 | 242916  | 456782  | 14.33% | 1.978%  |
| 55 | 8.135 | 2188 | 2191 | 2193 | rVB4 | 1380    | 748     | 0.02%  | 0.003%  |
| 56 | 8.174 | 2199 | 2203 | 2206 | rBV2 | 1046    | 848     | 0.03%  | 0.004%  |
| 57 | 8.222 | 2213 | 2218 | 2219 | rBV4 | 3664    | 2365    | 0.07%  | 0.010%  |
| 58 | 8.312 | 2233 | 2246 | 2289 | rBV  | 952435  | 1924194 | 60.36% | 8.333%  |
| 59 | 8.913 | 2429 | 2433 | 2438 | rBV5 | 1290    | 1630    | 0.05%  | 0.007%  |
| 60 | 8.945 | 2441 | 2443 | 2448 | rVB3 | 1666    | 1298    | 0.04%  | 0.006%  |
| 61 | 8.971 | 2448 | 2451 | 2453 | rBV2 | 1329    | 737     | 0.02%  | 0.003%  |
| 62 | 9.013 | 2459 | 2464 | 2467 | rBV5 | 1235    | 1096    | 0.03%  | 0.005%  |
| 63 | 9.087 | 2474 | 2487 | 2524 | rBV  | 1207713 | 2138255 | 67.07% | 9.260%  |
| 64 | 9.254 | 2534 | 2539 | 2547 | rVB9 | 3252    | 4834    | 0.15%  | 0.021%  |
| 65 | 9.325 | 2558 | 2561 | 2567 | rVB5 | 2402    | 2296    | 0.07%  | 0.010%  |
| 66 | 9.376 | 2573 | 2577 | 2579 | rBV3 | 2606    | 2092    | 0.07%  | 0.009%  |
| 67 | 9.476 | 2606 | 2608 | 2614 | rVB3 | 1374    | 1164    | 0.04%  | 0.005%  |
| 68 | 9.505 | 2614 | 2617 | 2622 | rBV5 | 1100    | 929     | 0.03%  | 0.004%  |
| 69 | 9.682 | 2665 | 2672 | 2678 | rBV5 | 1908    | 2483    | 0.08%  | 0.011%  |
| 70 | 9.775 | 2697 | 2701 | 2702 | rBV3 | 2748    | 1684    | 0.05%  | 0.007%  |
| 71 | 9.852 | 2723 | 2725 | 2734 | rVB6 | 1832    | 2550    | 0.08%  | 0.011%  |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042719\  
 Data File : VU031527.D  
 Acq On : 26 Apr 2019 13:02  
 Operator : JC/SP  
 Sample : VU0427WBL01  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VBLK45

## Integration Parameters: LSCINT.P

Integrator: RTE  
 Smoothing : OFF  
 Sampling : 1  
 Start Thrs: 0.2  
 Stop Thrs : 0

Filtering: 5  
 Min Area: 0 % of largest Peak  
 Max Peaks: 100  
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM042719WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |         |         |        |        |
|-----|--------|------|------|------|------|---------|---------|--------|--------|
| 72  | 9.926  | 2746 | 2748 | 2751 | rVB3 | 1675    | 902     | 0.03%  | 0.004% |
| 73  | 9.948  | 2751 | 2755 | 2756 | rBV2 | 1122    | 716     | 0.02%  | 0.003% |
| 74  | 10.032 | 2779 | 2781 | 2784 | rVB4 | 1446    | 814     | 0.03%  | 0.004% |
| 75  | 10.103 | 2800 | 2803 | 2807 | rBV3 | 752     | 706     | 0.02%  | 0.003% |
| 76  | 10.164 | 2817 | 2822 | 2824 | rBV3 | 2505    | 2204    | 0.07%  | 0.010% |
| 77  | 10.286 | 2854 | 2860 | 2861 | rBV3 | 1438    | 1408    | 0.04%  | 0.006% |
| 78  | 10.360 | 2879 | 2883 | 2888 | rBV5 | 1214    | 1415    | 0.04%  | 0.006% |
| 79  | 10.428 | 2891 | 2904 | 2931 | rVV  | 905445  | 1478147 | 46.37% | 6.401% |
| 80  | 10.595 | 2953 | 2956 | 2958 | rBV3 | 1261    | 849     | 0.03%  | 0.004% |
| 81  | 10.698 | 2982 | 2988 | 2994 | rBV3 | 1983    | 2436    | 0.08%  | 0.011% |
| 82  | 10.833 | 3027 | 3030 | 3034 | rVB3 | 1530    | 1250    | 0.04%  | 0.005% |
| 83  | 10.858 | 3036 | 3038 | 3042 | rVB3 | 1376    | 770     | 0.02%  | 0.003% |
| 84  | 10.919 | 3053 | 3057 | 3061 | rBV3 | 1509    | 1413    | 0.04%  | 0.006% |
| 85  | 11.003 | 3079 | 3083 | 3085 | rBV2 | 970     | 698     | 0.02%  | 0.003% |
| 86  | 11.061 | 3099 | 3101 | 3105 | rBV3 | 915     | 753     | 0.02%  | 0.003% |
| 87  | 11.199 | 3140 | 3144 | 3145 | rBV  | 1282    | 908     | 0.03%  | 0.004% |
| 88  | 11.244 | 3155 | 3158 | 3162 | rVB3 | 1722    | 1406    | 0.04%  | 0.006% |
| 89  | 11.360 | 3191 | 3194 | 3197 | rVV2 | 1447    | 813     | 0.03%  | 0.004% |
| 90  | 11.418 | 3208 | 3212 | 3218 | rBV7 | 4405    | 5351    | 0.17%  | 0.023% |
| 91  | 11.479 | 3220 | 3231 | 3254 | rBV  | 967240  | 1612110 | 50.57% | 6.981% |
| 92  | 11.778 | 3320 | 3324 | 3326 | rBV  | 2202    | 1913    | 0.06%  | 0.008% |
| 93  | 11.855 | 3336 | 3348 | 3368 | rBV  | 1070476 | 1796174 | 56.34% | 7.779% |
| 94  | 12.157 | 3438 | 3442 | 3445 | rBV7 | 2080    | 1738    | 0.05%  | 0.008% |
| 95  | 12.463 | 3534 | 3537 | 3539 | rBV2 | 1395    | 876     | 0.03%  | 0.004% |
| 96  | 12.521 | 3552 | 3555 | 3557 | rBV3 | 1609    | 911     | 0.03%  | 0.004% |
| 97  | 12.669 | 3599 | 3601 | 3606 | rBV4 | 1419    | 1170    | 0.04%  | 0.005% |
| 98  | 12.900 | 3665 | 3673 | 3674 | rBV5 | 3671    | 4627    | 0.15%  | 0.020% |
| 99  | 13.324 | 3802 | 3805 | 3808 | rBV3 | 1636    | 1253    | 0.04%  | 0.005% |
| 100 | 15.041 | 4337 | 4339 | 4341 | rBV3 | 2132    | 1020    | 0.03%  | 0.004% |

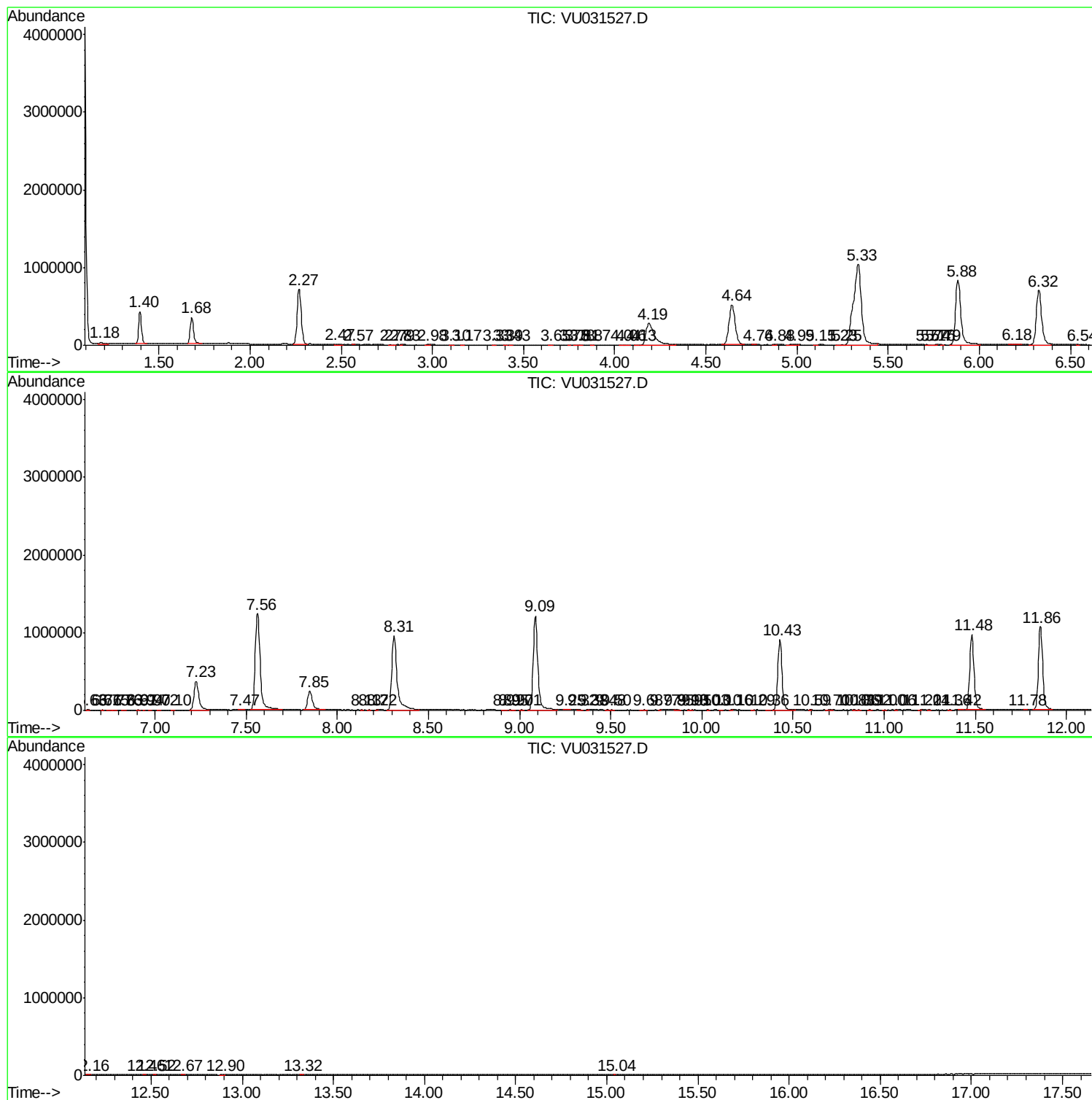
Sum of corrected areas: 23091386

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042719\  
Data File : VU031527.D  
Acq On : 26 Apr 2019 13:02  
Operator : JC/SP  
Sample : VU0427WBL01  
Misc : 5.0mL/MSVOA U/WATER  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
VBLK45

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM042719WMA.M  
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_U\DATA\VU042719\  
Data File : VU031527.D  
Acq On : 26 Apr 2019 13:02  
Operator : JC/SP  
Sample : VU0427WBL01  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
VBLK45

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM042719WMA.M  
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected

\*\*\*\*\*

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_U\DATA\VU042719\  
Data File : VU031527.D  
Acq On : 26 Apr 2019 13:02  
Operator : JC/SP  
Sample : VU0427WBL01  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
VBLK45

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM042719WMA.M  
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name | RT | EstConc | Units | Response | ---Internal Standard--- |
|------------------|----|---------|-------|----------|-------------------------|
|                  |    |         |       |          | # RT Resp Conc          |

-----