

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW031819\  
 Data File : VW009230.D  
 Acq On : 18 Mar 2019 15:36  
 Operator : SY/VA  
 Sample : K1936-19  
 Misc : 5.03G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VHBLK01

## 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\_W\METHOD\SOM2WLM031419S.M  
 Title : VOC Analysis

Signal : TIC

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|--------|----------|------------|----------|-----------|-------|-------------|------------|--------------|------------|
| 1      | 2.361    | 70         | 75       | 88        | rVB   | 92005       | 227611     | 13.90%       | 1.842%     |
| 2      | 2.892    | 158        | 162      | 172       | rVB   | 86255       | 205409     | 12.55%       | 1.663%     |
| 3      | 4.013    | 336        | 346      | 365       | rBV2  | 171415      | 599611     | 36.63%       | 4.854%     |
| 4      | 4.507    | 425        | 427      | 429       | rBV   | 1778        | 1464       | 0.09%        | 0.012%     |
| 5      | 4.623    | 444        | 446      | 448       | rBV2  | 3348        | 2515       | 0.15%        | 0.020%     |
| 6      | 4.800    | 473        | 475      | 478       | rVB   | 2043        | 1969       | 0.12%        | 0.016%     |
| 7      | 5.098    | 522        | 524      | 527       | rBV   | 2196        | 2716       | 0.17%        | 0.022%     |
| 8      | 5.135    | 529        | 530      | 532       | rVV   | 1418        | 859        | 0.05%        | 0.007%     |
| 9      | 5.202    | 540        | 541      | 542       | rVB   | 2277        | 833        | 0.05%        | 0.007%     |
| 10     | 5.220    | 542        | 544      | 546       | rBV   | 2281        | 1825       | 0.11%        | 0.015%     |
| 11     | 5.245    | 546        | 548      | 551       | rBV2  | 1783        | 1690       | 0.10%        | 0.014%     |
| 12     | 5.300    | 556        | 557      | 558       | rBV   | 1096        | 532        | 0.03%        | 0.004%     |
| 13     | 5.373    | 568        | 569      | 570       | rVB   | 1823        | 667        | 0.04%        | 0.005%     |
| 14     | 5.452    | 580        | 582      | 583       | rBV2  | 1890        | 1590       | 0.10%        | 0.013%     |
| 15     | 5.586    | 602        | 604      | 606       | rVB   | 3165        | 2801       | 0.17%        | 0.023%     |
| 16     | 5.611    | 606        | 608      | 609       | rBV   | 2509        | 2401       | 0.15%        | 0.019%     |
| 17     | 5.653    | 613        | 615      | 616       | rVB2  | 1906        | 1095       | 0.07%        | 0.009%     |
| 18     | 5.672    | 616        | 618      | 619       | rBV2  | 1521        | 1533       | 0.09%        | 0.012%     |
| 19     | 5.854    | 646        | 648      | 650       | rBV   | 2003        | 1689       | 0.10%        | 0.014%     |
| 20     | 5.873    | 650        | 651      | 652       | rVB   | 2229        | 815        | 0.05%        | 0.007%     |
| 21     | 5.903    | 654        | 656      | 657       | rBV   | 2193        | 1793       | 0.11%        | 0.015%     |
| 22     | 6.001    | 669        | 672      | 674       | rBV   | 1931        | 2715       | 0.17%        | 0.022%     |
| 23     | 6.324    | 724        | 725      | 726       | rVB   | 1967        | 720        | 0.04%        | 0.006%     |
| 24     | 6.391    | 734        | 736      | 737       | rBV2  | 1473        | 606        | 0.04%        | 0.005%     |
| 25     | 6.415    | 739        | 740      | 744       | rVV2  | 1276        | 1646       | 0.10%        | 0.013%     |
| 26     | 6.495    | 751        | 753      | 755       | rBV   | 2240        | 1852       | 0.11%        | 0.015%     |
| 27     | 6.525    | 755        | 758      | 761       | rVB2  | 1538        | 1960       | 0.12%        | 0.016%     |
| 28     | 6.556    | 761        | 763      | 764       | rBV   | 1384        | 1171       | 0.07%        | 0.009%     |
| 29     | 6.574    | 764        | 766      | 768       | rBV2  | 1432        | 1212       | 0.07%        | 0.010%     |
| 30     | 6.677    | 781        | 783      | 784       | rBV   | 1204        | 898        | 0.05%        | 0.007%     |
| 31     | 6.805    | 801        | 804      | 807       | rBV   | 1216        | 1598       | 0.10%        | 0.013%     |
| 32     | 6.830    | 807        | 808      | 810       | rVB   | 2075        | 986        | 0.06%        | 0.008%     |
| 33     | 6.854    | 810        | 812      | 813       | rBV2  | 2019        | 877        | 0.05%        | 0.007%     |
| 34     | 6.879    | 813        | 816      | 819       | rVB   | 2416        | 2547       | 0.16%        | 0.021%     |

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Filtering: 5  
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 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\_W\METHOD\SOM2WLM031419S.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |         |         |         |
|----|--------|------|------|------|------|--------|---------|---------|---------|
| 35 | 6.909  | 819  | 821  | 824  | rBV2 | 2293   | 3109    | 0.19%   | 0.025%  |
| 36 | 6.982  | 831  | 833  | 835  | rBV2 | 1757   | 2071    | 0.13%   | 0.017%  |
| 37 | 7.080  | 840  | 849  | 861  | rBV  | 52342  | 156116  | 9.54%   | 1.264%  |
| 38 | 7.293  | 883  | 884  | 886  | rBV  | 1732   | 1097    | 0.07%   | 0.009%  |
| 39 | 7.318  | 886  | 888  | 889  | rVB  | 2515   | 1395    | 0.09%   | 0.011%  |
| 40 | 7.330  | 889  | 890  | 894  | rBV  | 2966   | 4003    | 0.24%   | 0.032%  |
| 41 | 7.379  | 897  | 898  | 899  | rVB  | 1498   | 548     | 0.03%   | 0.004%  |
| 42 | 7.391  | 899  | 900  | 904  | rBV  | 2257   | 2609    | 0.16%   | 0.021%  |
| 43 | 7.647  | 933  | 942  | 952  | rVB  | 306387 | 728255  | 44.49%  | 5.895%  |
| 44 | 7.830  | 970  | 972  | 973  | rVB2 | 1586   | 958     | 0.06%   | 0.008%  |
| 45 | 7.848  | 973  | 975  | 977  | rBV  | 1456   | 1666    | 0.10%   | 0.013%  |
| 46 | 7.946  | 990  | 991  | 995  | rBV  | 2846   | 3872    | 0.24%   | 0.031%  |
| 47 | 8.275  | 1035 | 1045 | 1063 | rBV2 | 540515 | 1637003 | 100.00% | 13.251% |
| 48 | 8.439  | 1070 | 1072 | 1074 | rBV  | 1309   | 1177    | 0.07%   | 0.010%  |
| 49 | 8.531  | 1085 | 1087 | 1093 | rBV  | 1673   | 3145    | 0.19%   | 0.025%  |
| 50 | 8.604  | 1098 | 1099 | 1100 | rBV  | 1686   | 1011    | 0.06%   | 0.008%  |
| 51 | 8.756  | 1122 | 1124 | 1125 | rBV  | 1441   | 844     | 0.05%   | 0.007%  |
| 52 | 8.842  | 1130 | 1138 | 1147 | rVV  | 536109 | 1053530 | 64.36%  | 8.528%  |
| 53 | 9.049  | 1170 | 1172 | 1173 | rBV2 | 2238   | 2387    | 0.15%   | 0.019%  |
| 54 | 9.104  | 1180 | 1181 | 1183 | rBV2 | 2225   | 1994    | 0.12%   | 0.016%  |
| 55 | 9.146  | 1185 | 1188 | 1191 | rBV  | 2085   | 3337    | 0.20%   | 0.027%  |
| 56 | 9.275  | 1201 | 1209 | 1217 | rBV  | 375397 | 767586  | 46.89%  | 6.213%  |
| 57 | 9.409  | 1230 | 1231 | 1233 | rBV  | 1591   | 969     | 0.06%   | 0.008%  |
| 58 | 9.628  | 1263 | 1267 | 1270 | rBV  | 2125   | 3145    | 0.19%   | 0.025%  |
| 59 | 9.659  | 1270 | 1272 | 1276 | rVV2 | 1872   | 2090    | 0.13%   | 0.017%  |
| 60 | 9.762  | 1284 | 1289 | 1294 | rVB3 | 15266  | 25516   | 1.56%   | 0.207%  |
| 61 | 9.896  | 1304 | 1311 | 1324 | rVB  | 34061  | 78577   | 4.80%   | 0.636%  |
| 62 | 10.030 | 1327 | 1333 | 1342 | rBV  | 213509 | 390027  | 23.83%  | 3.157%  |
| 63 | 10.189 | 1357 | 1359 | 1362 | rVB2 | 1516   | 1017    | 0.06%   | 0.008%  |
| 64 | 10.213 | 1362 | 1363 | 1364 | rBV  | 2412   | 1460    | 0.09%   | 0.012%  |
| 65 | 10.250 | 1364 | 1369 | 1373 | rVV3 | 15488  | 27580   | 1.68%   | 0.223%  |
| 66 | 10.323 | 1374 | 1381 | 1389 | rVV  | 779732 | 1330396 | 81.27%  | 10.769% |
| 67 | 10.488 | 1405 | 1408 | 1410 | rBV2 | 2352   | 3238    | 0.20%   | 0.026%  |
| 68 | 10.573 | 1416 | 1422 | 1432 | rVB  | 145508 | 256790  | 15.69%  | 2.079%  |
| 69 | 10.835 | 1460 | 1465 | 1467 | rBV3 | 3375   | 5955    | 0.36%   | 0.048%  |
| 70 | 10.927 | 1474 | 1480 | 1487 | rBV  | 213811 | 359364  | 21.95%  | 2.909%  |
| 71 | 11.171 | 1516 | 1520 | 1521 | rVB2 | 2272   | 2114    | 0.13%   | 0.017%  |

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

Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM031419S.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |         |        |         |
|----|--------|------|------|------|------|--------|---------|--------|---------|
| 72 | 11.213 | 1525 | 1527 | 1528 | rBV  | 2187   | 1461    | 0.09%  | 0.012%  |
| 73 | 11.274 | 1533 | 1537 | 1539 | rBV  | 2994   | 3452    | 0.21%  | 0.028%  |
| 74 | 11.299 | 1539 | 1541 | 1543 | rVV  | 1856   | 1436    | 0.09%  | 0.012%  |
| 75 | 11.347 | 1547 | 1549 | 1551 | rVB  | 2151   | 1379    | 0.08%  | 0.011%  |
|    |        |      |      |      |      |        |         |        |         |
| 76 | 11.628 | 1588 | 1595 | 1604 | rBV  | 763192 | 1317485 | 80.48% | 10.665% |
| 77 | 11.859 | 1632 | 1633 | 1634 | rBV  | 2496   | 1587    | 0.10%  | 0.013%  |
| 78 | 12.292 | 1701 | 1704 | 1708 | rVB  | 2347   | 3500    | 0.21%  | 0.028%  |
| 79 | 12.414 | 1723 | 1724 | 1725 | rBV  | 2421   | 1105    | 0.07%  | 0.009%  |
| 80 | 12.554 | 1745 | 1747 | 1749 | rBV  | 2376   | 1347    | 0.08%  | 0.011%  |
|    |        |      |      |      |      |        |         |        |         |
| 81 | 12.573 | 1749 | 1750 | 1751 | rVB  | 1970   | 720     | 0.04%  | 0.006%  |
| 82 | 12.609 | 1751 | 1756 | 1763 | rBV3 | 14775  | 28505   | 1.74%  | 0.231%  |
| 83 | 12.695 | 1763 | 1770 | 1778 | rVB  | 317577 | 533730  | 32.60% | 4.320%  |
| 84 | 12.896 | 1799 | 1803 | 1805 | rBV  | 2606   | 3855    | 0.24%  | 0.031%  |
| 85 | 13.018 | 1822 | 1823 | 1824 | rBV  | 2208   | 1308    | 0.08%  | 0.011%  |
|    |        |      |      |      |      |        |         |        |         |
| 86 | 13.414 | 1883 | 1888 | 1893 | rBV4 | 4376   | 9399    | 0.57%  | 0.076%  |
| 87 | 13.560 | 1905 | 1912 | 1923 | rBV  | 797108 | 1261483 | 77.06% | 10.211% |
| 88 | 13.853 | 1953 | 1960 | 1967 | rBV  | 729539 | 1215247 | 74.24% | 9.837%  |
| 89 | 14.072 | 1993 | 1996 | 2002 | rVB2 | 12283  | 18605   | 1.14%  | 0.151%  |
| 90 | 14.207 | 2016 | 2018 | 2020 | rBV  | 2865   | 1848    | 0.11%  | 0.015%  |

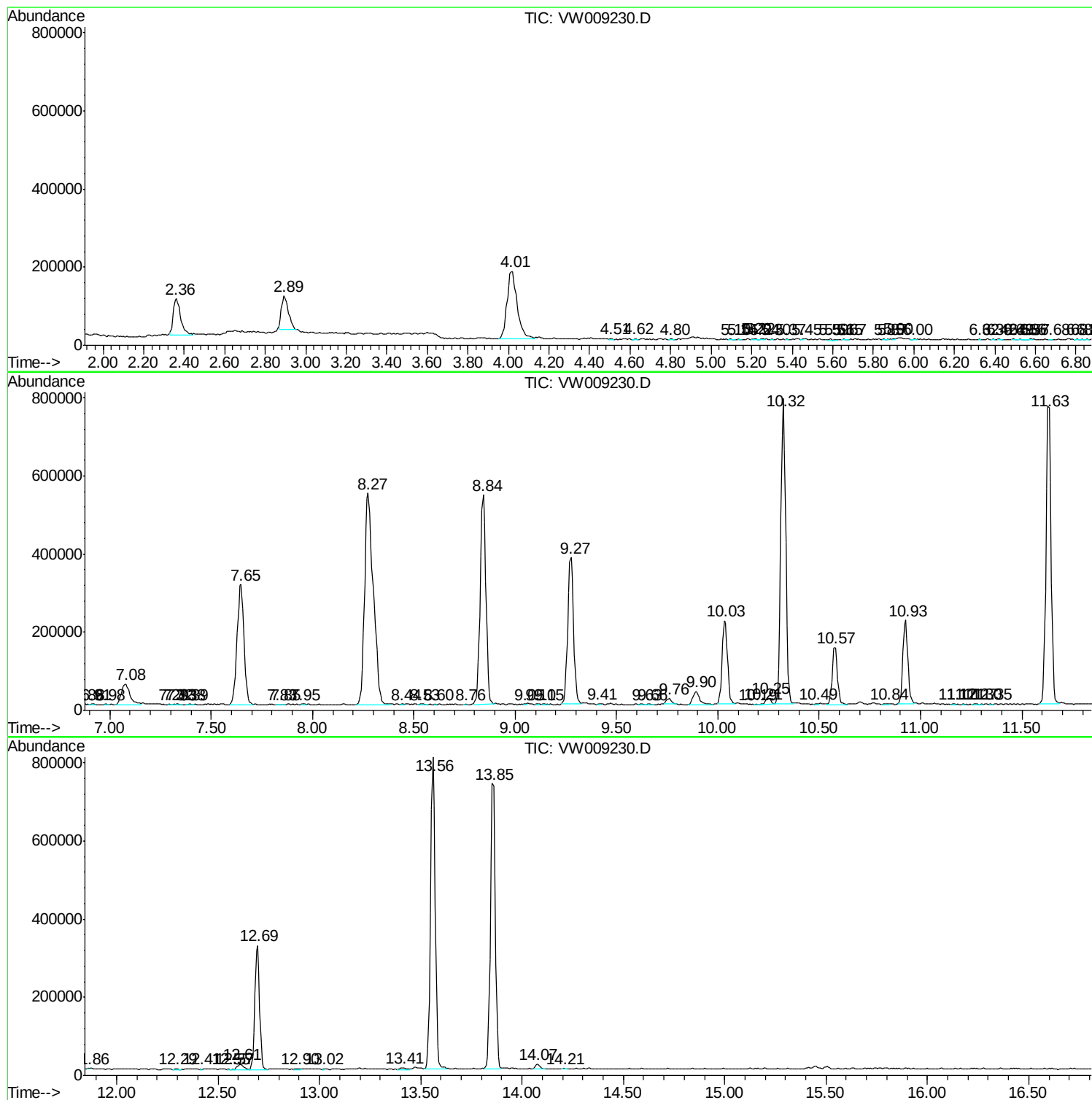
Sum of corrected areas: 12353609

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM031419S.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_W\DATA\VW031819\  
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TIC Library : C:\DATABASE\NIST11.L  
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No Library Search Compounds Detected

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

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