

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041119\  
 Data File : VW009933.D  
 Acq On : 12 Apr 2019 01:11  
 Operator : SY/VA  
 Sample : K2354-10  
 Misc : 6.38G/10ML/MSVOA W/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BF165

## 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\SOM2WLM040319S.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      | 2.355    | 69         | 74       | 85        | rBV   | 72087       | 165978     | 9.21%        | 1.260%     |
| 2      | 2.892    | 156        | 162      | 175       | rVB   | 67728       | 180765     | 10.04%       | 1.372%     |
| 3      | 4.013    | 336        | 346      | 372       | rBV   | 160711      | 564083     | 31.32%       | 4.282%     |
| 4      | 4.562    | 433        | 436      | 438       | rBV4  | 789         | 1267       | 0.07%        | 0.010%     |
| 5      | 4.605    | 440        | 443      | 444       | rBV3  | 1115        | 1191       | 0.07%        | 0.009%     |
| 6      | 4.751    | 465        | 467      | 470       | rBV3  | 611         | 609        | 0.03%        | 0.005%     |
| 7      | 4.861    | 480        | 485      | 486       | rBV4  | 1828        | 2456       | 0.14%        | 0.019%     |
| 8      | 5.056    | 515        | 517      | 519       | rVB   | 855         | 816        | 0.05%        | 0.006%     |
| 9      | 5.086    | 519        | 522      | 523       | rBV2  | 583         | 610        | 0.03%        | 0.005%     |
| 10     | 5.220    | 542        | 544      | 546       | rBV2  | 798         | 907        | 0.05%        | 0.007%     |
| 11     | 5.275    | 552        | 553      | 554       | rBV   | 694         | 396        | 0.02%        | 0.003%     |
| 12     | 5.354    | 564        | 566      | 567       | rVB   | 874         | 494        | 0.03%        | 0.004%     |
| 13     | 5.446    | 577        | 581      | 583       | rBV3  | 1213        | 1791       | 0.10%        | 0.014%     |
| 14     | 5.501    | 588        | 590      | 591       | rBV2  | 988         | 684        | 0.04%        | 0.005%     |
| 15     | 5.586    | 600        | 604      | 605       | rBV3  | 617         | 649        | 0.04%        | 0.005%     |
| 16     | 5.763    | 632        | 633      | 636       | rVB3  | 1435        | 929        | 0.05%        | 0.007%     |
| 17     | 5.793    | 636        | 638      | 643       | rBV3  | 710         | 933        | 0.05%        | 0.007%     |
| 18     | 5.867    | 647        | 650      | 651       | rBV2  | 629         | 527        | 0.03%        | 0.004%     |
| 19     | 5.928    | 652        | 660      | 670       | rVB9  | 3986        | 12880      | 0.72%        | 0.098%     |
| 20     | 5.995    | 670        | 671      | 675       | rBV4  | 939         | 1031       | 0.06%        | 0.008%     |
| 21     | 6.123    | 690        | 692      | 693       | rBV2  | 545         | 443        | 0.02%        | 0.003%     |
| 22     | 6.165    | 697        | 699      | 702       | rVB2  | 828         | 563        | 0.03%        | 0.004%     |
| 23     | 6.196    | 702        | 704      | 705       | rBV2  | 594         | 362        | 0.02%        | 0.003%     |
| 24     | 6.330    | 724        | 726      | 728       | rBV2  | 1085        | 845        | 0.05%        | 0.006%     |
| 25     | 6.348    | 728        | 729      | 731       | rBV2  | 867         | 856        | 0.05%        | 0.006%     |
| 26     | 6.415    | 738        | 740      | 742       | rBV3  | 973         | 569        | 0.03%        | 0.004%     |
| 27     | 6.470    | 747        | 749      | 752       | rBV2  | 422         | 425        | 0.02%        | 0.003%     |
| 28     | 6.714    | 787        | 789      | 792       | rVB3  | 779         | 855        | 0.05%        | 0.006%     |
| 29     | 6.763    | 794        | 797      | 798       | rBV   | 852         | 889        | 0.05%        | 0.007%     |
| 30     | 6.799    | 801        | 803      | 805       | rVV3  | 947         | 822        | 0.05%        | 0.006%     |
| 31     | 6.818    | 805        | 806      | 808       | rVV2  | 701         | 402        | 0.02%        | 0.003%     |
| 32     | 6.836    | 808        | 809      | 813       | rVB4  | 926         | 785        | 0.04%        | 0.006%     |
| 33     | 6.885    | 813        | 817      | 818       | rBV3  | 1027        | 1405       | 0.08%        | 0.011%     |
| 34     | 6.982    | 832        | 833      | 835       | rBV2  | 634         | 572        | 0.03%        | 0.004%     |

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 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM040319S.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |         |         |         |
|----|--------|------|------|------|------|--------|---------|---------|---------|
| 35 | 7.080  | 839  | 849  | 856  | rBV2 | 83340  | 242910  | 13.49%  | 1.844%  |
| 36 | 7.458  | 909  | 911  | 912  | rBV2 | 947    | 762     | 0.04%   | 0.006%  |
| 37 | 7.513  | 918  | 920  | 921  | rBV  | 1114   | 738     | 0.04%   | 0.006%  |
| 38 | 7.647  | 932  | 942  | 952  | rBV  | 335016 | 806129  | 44.75%  | 6.119%  |
| 39 | 7.866  | 975  | 978  | 980  | rBV4 | 883    | 1240    | 0.07%   | 0.009%  |
| 40 | 7.933  | 988  | 989  | 992  | rBV3 | 1269   | 1235    | 0.07%   | 0.009%  |
| 41 | 8.074  | 1010 | 1012 | 1013 | rVB2 | 809    | 412     | 0.02%   | 0.003%  |
| 42 | 8.153  | 1022 | 1025 | 1026 | rVB3 | 1044   | 934     | 0.05%   | 0.007%  |
| 43 | 8.275  | 1035 | 1045 | 1061 | rBV2 | 584454 | 1801309 | 100.00% | 13.673% |
| 44 | 8.445  | 1072 | 1073 | 1076 | rBV2 | 1111   | 1387    | 0.08%   | 0.011%  |
| 45 | 8.494  | 1079 | 1081 | 1084 | rBV4 | 786    | 1028    | 0.06%   | 0.008%  |
| 46 | 8.525  | 1084 | 1086 | 1087 | rBV2 | 819    | 550     | 0.03%   | 0.004%  |
| 47 | 8.610  | 1098 | 1100 | 1101 | rBV2 | 1157   | 736     | 0.04%   | 0.006%  |
| 48 | 8.683  | 1108 | 1112 | 1117 | rBV4 | 1293   | 1995    | 0.11%   | 0.015%  |
| 49 | 8.842  | 1128 | 1138 | 1150 | rBV  | 568439 | 1118705 | 62.11%  | 8.492%  |
| 50 | 9.012  | 1164 | 1166 | 1167 | rVB2 | 1426   | 757     | 0.04%   | 0.006%  |
| 51 | 9.031  | 1167 | 1169 | 1170 | rBV2 | 1035   | 907     | 0.05%   | 0.007%  |
| 52 | 9.275  | 1200 | 1209 | 1218 | rBV  | 431632 | 883916  | 49.07%  | 6.709%  |
| 53 | 9.531  | 1250 | 1251 | 1254 | rVB3 | 944    | 718     | 0.04%   | 0.005%  |
| 54 | 9.616  | 1263 | 1265 | 1266 | rBV2 | 706    | 636     | 0.04%   | 0.005%  |
| 55 | 9.756  | 1286 | 1288 | 1290 | rVB2 | 1162   | 843     | 0.05%   | 0.006%  |
| 56 | 9.781  | 1290 | 1292 | 1293 | rBV2 | 699    | 418     | 0.02%   | 0.003%  |
| 57 | 9.805  | 1293 | 1296 | 1298 | rVB3 | 883    | 1062    | 0.06%   | 0.008%  |
| 58 | 9.829  | 1298 | 1300 | 1301 | rBV2 | 951    | 728     | 0.04%   | 0.006%  |
| 59 | 9.866  | 1304 | 1306 | 1307 | rBV2 | 566    | 525     | 0.03%   | 0.004%  |
| 60 | 9.890  | 1307 | 1310 | 1311 | rVV3 | 1062   | 1254    | 0.07%   | 0.010%  |
| 61 | 9.927  | 1314 | 1316 | 1319 | rVB3 | 673    | 803     | 0.04%   | 0.006%  |
| 62 | 9.957  | 1319 | 1321 | 1322 | rBV  | 724    | 583     | 0.03%   | 0.004%  |
| 63 | 10.030 | 1326 | 1333 | 1343 | rBV  | 205726 | 383211  | 21.27%  | 2.909%  |
| 64 | 10.323 | 1373 | 1381 | 1389 | rBV  | 760226 | 1331773 | 73.93%  | 10.109% |
| 65 | 10.579 | 1416 | 1423 | 1432 | rBV  | 151981 | 264117  | 14.66%  | 2.005%  |
| 66 | 10.707 | 1439 | 1444 | 1448 | rVB3 | 11663  | 20492   | 1.14%   | 0.156%  |
| 67 | 10.768 | 1452 | 1454 | 1456 | rVB2 | 1158   | 886     | 0.05%   | 0.007%  |
| 68 | 10.854 | 1464 | 1468 | 1473 | rVB7 | 2785   | 4402    | 0.24%   | 0.033%  |
| 69 | 10.927 | 1473 | 1480 | 1491 | rBV  | 327728 | 567715  | 31.52%  | 4.309%  |
| 70 | 11.146 | 1515 | 1516 | 1519 | rBV2 | 1141   | 1120    | 0.06%   | 0.009%  |
| 71 | 11.408 | 1555 | 1559 | 1561 | rBV4 | 2731   | 3237    | 0.18%   | 0.025%  |

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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\SOM2WLM040319S.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |         |        |         |
|-----|--------|------|------|------|------|--------|---------|--------|---------|
| 72  | 11.481 | 1569 | 1571 | 1573 | rBV3 | 643    | 530     | 0.03%  | 0.004%  |
| 73  | 11.500 | 1573 | 1574 | 1575 | rBV  | 887    | 395     | 0.02%  | 0.003%  |
| 74  | 11.628 | 1588 | 1595 | 1604 | rBV  | 821320 | 1415075 | 78.56% | 10.741% |
| 75  | 11.774 | 1618 | 1619 | 1621 | rVB2 | 1552   | 984     | 0.05%  | 0.007%  |
| 76  | 11.805 | 1621 | 1624 | 1626 | rBV3 | 1259   | 1497    | 0.08%  | 0.011%  |
| 77  | 11.835 | 1626 | 1629 | 1634 | rBV7 | 2768   | 4264    | 0.24%  | 0.032%  |
| 78  | 11.933 | 1643 | 1645 | 1646 | rBV2 | 889    | 584     | 0.03%  | 0.004%  |
| 79  | 12.036 | 1659 | 1662 | 1666 | rBV5 | 1037   | 1521    | 0.08%  | 0.012%  |
| 80  | 12.091 | 1669 | 1671 | 1674 | rVV4 | 971    | 955     | 0.05%  | 0.007%  |
| 81  | 12.152 | 1677 | 1681 | 1682 | rBV4 | 920    | 1016    | 0.06%  | 0.008%  |
| 82  | 12.170 | 1682 | 1684 | 1686 | rVV3 | 1443   | 1035    | 0.06%  | 0.008%  |
| 83  | 12.243 | 1694 | 1696 | 1698 | rVB3 | 1219   | 714     | 0.04%  | 0.005%  |
| 84  | 12.262 | 1698 | 1699 | 1700 | rVV  | 779    | 375     | 0.02%  | 0.003%  |
| 85  | 12.280 | 1700 | 1702 | 1706 | rVB4 | 1316   | 1577    | 0.09%  | 0.012%  |
| 86  | 12.384 | 1717 | 1719 | 1721 | rVB2 | 1589   | 1290    | 0.07%  | 0.010%  |
| 87  | 12.609 | 1749 | 1756 | 1761 | rBV2 | 14939  | 24266   | 1.35%  | 0.184%  |
| 88  | 12.695 | 1763 | 1770 | 1779 | rVB  | 433302 | 726567  | 40.34% | 5.515%  |
| 89  | 12.841 | 1790 | 1794 | 1795 | rBV4 | 1146   | 1660    | 0.09%  | 0.013%  |
| 90  | 12.932 | 1805 | 1809 | 1815 | rVB8 | 5699   | 10397   | 0.58%  | 0.079%  |
| 91  | 13.012 | 1821 | 1822 | 1824 | rBV2 | 768    | 473     | 0.03%  | 0.004%  |
| 92  | 13.079 | 1829 | 1833 | 1836 | rBV4 | 1431   | 2035    | 0.11%  | 0.015%  |
| 93  | 13.560 | 1905 | 1912 | 1921 | rVB  | 811085 | 1266588 | 70.31% | 9.614%  |
| 94  | 13.853 | 1954 | 1960 | 1968 | rBV  | 780709 | 1299119 | 72.12% | 9.861%  |
| 95  | 14.621 | 2084 | 2086 | 2088 | rBV2 | 1415   | 1296    | 0.07%  | 0.010%  |
| 96  | 14.725 | 2101 | 2103 | 2108 | rVB5 | 4575   | 5892    | 0.33%  | 0.045%  |
| 97  | 15.060 | 2157 | 2158 | 2161 | rBV3 | 1066   | 910     | 0.05%  | 0.007%  |
| 98  | 15.322 | 2199 | 2201 | 2203 | rBV3 | 1341   | 1541    | 0.09%  | 0.012%  |
| 99  | 16.011 | 2312 | 2314 | 2318 | rBV3 | 1564   | 1959    | 0.11%  | 0.015%  |
| 100 | 16.511 | 2395 | 2396 | 2398 | rBV2 | 1288   | 673     | 0.04%  | 0.005%  |

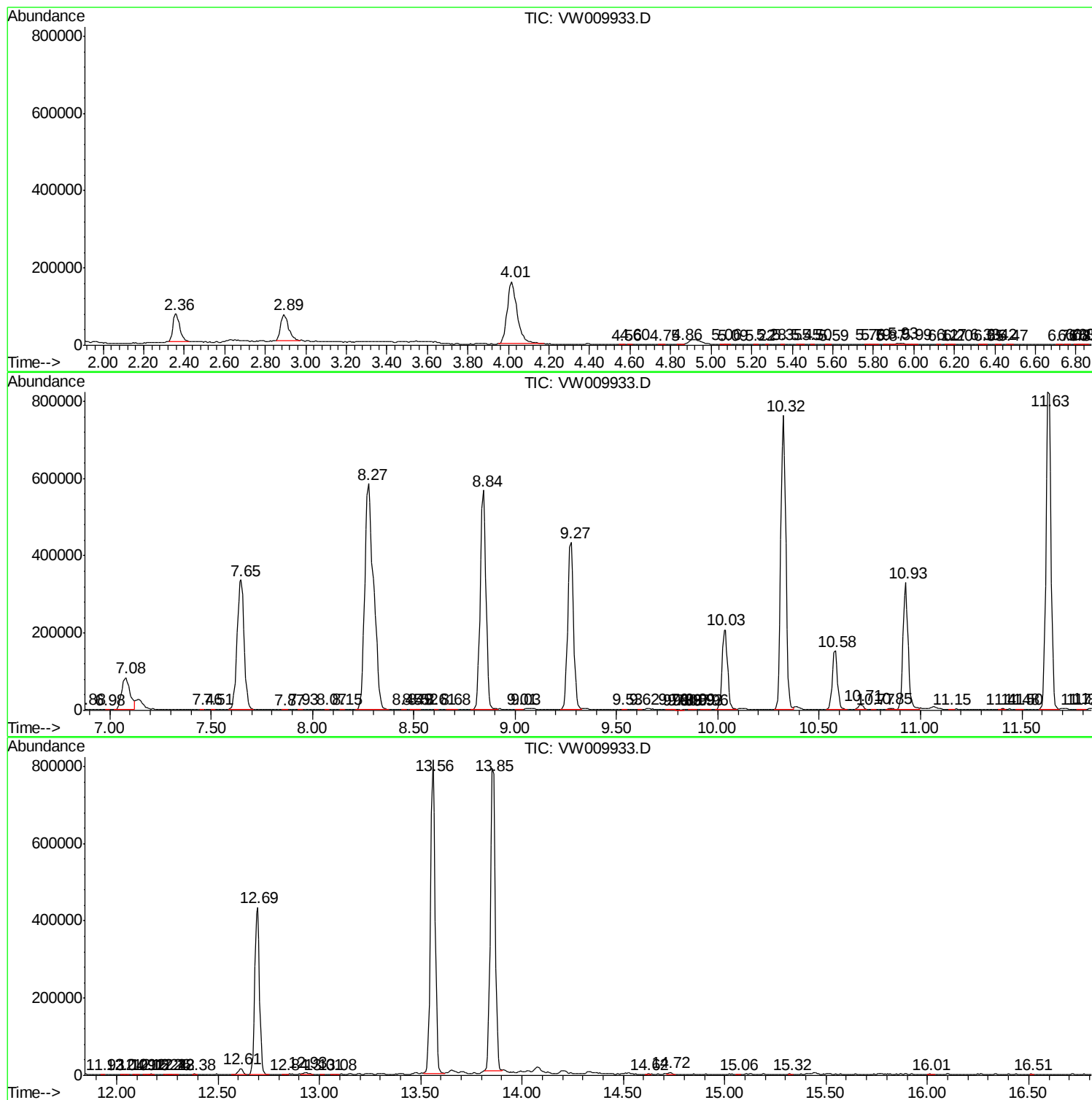
Sum of corrected areas: 13174150

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM040319S.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_W\DATA\VW041119\  
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No Library Search Compounds Detected

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