

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040119\  
 Data File : VW009638.D  
 Acq On : 01 Apr 2019 22:00  
 Operator : SY/VA  
 Sample : K2119-09  
 Misc : 5.08G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BF5D2

## 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<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         | 2.160       | 37            | 42          | 48           | rBV2     | 18675          | 42624         | 2.58%           | 0.334%        |
| 2         | 2.355       | 69            | 74          | 89           | rVB      | 90418          | 202895        | 12.27%          | 1.590%        |
| 3         | 2.891       | 156           | 162         | 179          | rVB2     | 80991          | 239768        | 14.50%          | 1.879%        |
| 4         | 4.007       | 335           | 345         | 364          | rBV      | 159541         | 555981        | 33.62%          | 4.358%        |
| 5         | 4.312       | 393           | 395         | 397          | rBV2     | 698            | 642           | 0.04%           | 0.005%        |
| 6         | 4.385       | 398           | 407         | 411          | rBV6     | 2947           | 7141          | 0.43%           | 0.056%        |
| 7         | 4.482       | 422           | 423         | 425          | rVB2     | 970            | 668           | 0.04%           | 0.005%        |
| 8         | 4.525       | 428           | 430         | 432          | rBV3     | 684            | 514           | 0.03%           | 0.004%        |
| 9         | 4.629       | 445           | 447         | 449          | rVB3     | 868            | 716           | 0.04%           | 0.006%        |
| 10        | 4.653       | 449           | 451         | 453          | rBV      | 598            | 649           | 0.04%           | 0.005%        |
| 11        | 4.769       | 467           | 470         | 471          | rBV2     | 972            | 621           | 0.04%           | 0.005%        |
| 12        | 4.787       | 471           | 473         | 475          | rVB3     | 842            | 481           | 0.03%           | 0.004%        |
| 13        | 4.909       | 483           | 493         | 505          | rBV5     | 29501          | 116706        | 7.06%           | 0.915%        |
| 14        | 5.080       | 519           | 521         | 523          | rBV2     | 571            | 351           | 0.02%           | 0.003%        |
| 15        | 5.123       | 525           | 528         | 531          | rVB5     | 1288           | 1396          | 0.08%           | 0.011%        |
| 16        | 5.147       | 531           | 532         | 535          | rBV      | 912            | 979           | 0.06%           | 0.008%        |
| 17        | 5.177       | 535           | 537         | 539          | rVV3     | 571            | 424           | 0.03%           | 0.003%        |
| 18        | 5.202       | 539           | 541         | 544          | rVV3     | 584            | 673           | 0.04%           | 0.005%        |
| 19        | 5.379       | 569           | 570         | 573          | rVB3     | 957            | 650           | 0.04%           | 0.005%        |
| 20        | 5.409       | 573           | 575         | 576          | rBV2     | 890            | 635           | 0.04%           | 0.005%        |
| 21        | 5.513       | 591           | 592         | 595          | rBV3     | 1067           | 1140          | 0.07%           | 0.009%        |
| 22        | 5.580       | 602           | 603         | 604          | rBV      | 709            | 329           | 0.02%           | 0.003%        |
| 23        | 5.629       | 609           | 611         | 612          | rBV      | 829            | 583           | 0.04%           | 0.005%        |
| 24        | 5.732       | 626           | 628         | 631          | rBV3     | 865            | 1132          | 0.07%           | 0.009%        |
| 25        | 5.793       | 636           | 638         | 641          | rVB4     | 897            | 749           | 0.05%           | 0.006%        |
| 26        | 5.818       | 641           | 642         | 643          | rBV      | 664            | 389           | 0.02%           | 0.003%        |
| 27        | 5.933       | 651           | 661         | 671          | rVB5     | 11347          | 34465         | 2.08%           | 0.270%        |
| 28        | 6.159       | 697           | 698         | 701          | rVB3     | 1022           | 726           | 0.04%           | 0.006%        |
| 29        | 6.196       | 701           | 704         | 705          | rVB2     | 645            | 514           | 0.03%           | 0.004%        |
| 30        | 6.299       | 719           | 721         | 723          | rBV2     | 956            | 693           | 0.04%           | 0.005%        |
| 31        | 6.324       | 723           | 725         | 726          | rVB2     | 640            | 436           | 0.03%           | 0.003%        |
| 32        | 6.342       | 726           | 728         | 730          | rBV3     | 400            | 341           | 0.02%           | 0.003%        |
| 33        | 6.360       | 730           | 731         | 732          | rBV      | 730            | 401           | 0.02%           | 0.003%        |
| 34        | 6.403       | 737           | 738         | 739          | rVB      | 968            | 367           | 0.02%           | 0.003%        |

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

|    |        |      |      |      |      |        |         |         |         |
|----|--------|------|------|------|------|--------|---------|---------|---------|
| 35 | 6.488  | 750  | 752  | 754  | rVB2 | 685    | 353     | 0.02%   | 0.003%  |
| 36 | 6.567  | 764  | 765  | 768  | rBV4 | 646    | 606     | 0.04%   | 0.005%  |
| 37 | 6.671  | 777  | 782  | 783  | rBV2 | 881    | 778     | 0.05%   | 0.006%  |
| 38 | 6.714  | 786  | 789  | 791  | rBV3 | 1392   | 1589    | 0.10%   | 0.012%  |
| 39 | 6.799  | 801  | 803  | 805  | rVB3 | 878    | 649     | 0.04%   | 0.005%  |
| 40 | 6.836  | 805  | 809  | 812  | rBV2 | 1011   | 1271    | 0.08%   | 0.010%  |
| 41 | 6.897  | 818  | 819  | 822  | rBV2 | 583    | 407     | 0.02%   | 0.003%  |
| 42 | 6.958  | 827  | 829  | 831  | rVB3 | 916    | 635     | 0.04%   | 0.005%  |
| 43 | 6.982  | 831  | 833  | 837  | rBV4 | 926    | 1323    | 0.08%   | 0.010%  |
| 44 | 7.073  | 840  | 848  | 867  | rVV2 | 55383  | 178238  | 10.78%  | 1.397%  |
| 45 | 7.220  | 871  | 872  | 875  | rVB2 | 822    | 761     | 0.05%   | 0.006%  |
| 46 | 7.256  | 875  | 878  | 881  | rBV2 | 1437   | 1778    | 0.11%   | 0.014%  |
| 47 | 7.281  | 881  | 882  | 884  | rVB  | 1418   | 764     | 0.05%   | 0.006%  |
| 48 | 7.336  | 889  | 891  | 893  | rBV3 | 604    | 484     | 0.03%   | 0.004%  |
| 49 | 7.464  | 911  | 912  | 914  | rBV2 | 510    | 377     | 0.02%   | 0.003%  |
| 50 | 7.640  | 930  | 941  | 952  | rBV  | 318588 | 769266  | 46.52%  | 6.030%  |
| 51 | 7.762  | 959  | 961  | 964  | rBV3 | 777    | 774     | 0.05%   | 0.006%  |
| 52 | 7.903  | 982  | 984  | 985  | rVB2 | 915    | 500     | 0.03%   | 0.004%  |
| 53 | 8.006  | 999  | 1001 | 1003 | rVB3 | 806    | 590     | 0.04%   | 0.005%  |
| 54 | 8.043  | 1005 | 1007 | 1009 | rVB3 | 903    | 922     | 0.06%   | 0.007%  |
| 55 | 8.067  | 1009 | 1011 | 1013 | rBV3 | 1036   | 982     | 0.06%   | 0.008%  |
| 56 | 8.116  | 1017 | 1019 | 1021 | rBV2 | 572    | 392     | 0.02%   | 0.003%  |
| 57 | 8.274  | 1032 | 1045 | 1062 | rBV2 | 532796 | 1653656 | 100.00% | 12.962% |
| 58 | 8.512  | 1082 | 1084 | 1086 | rBV2 | 708    | 843     | 0.05%   | 0.007%  |
| 59 | 8.841  | 1128 | 1138 | 1154 | rBV  | 577041 | 1137761 | 68.80%  | 8.918%  |
| 60 | 9.274  | 1200 | 1209 | 1218 | rBV  | 399034 | 820083  | 49.59%  | 6.428%  |
| 61 | 9.445  | 1236 | 1237 | 1238 | rVB  | 1025   | 375     | 0.02%   | 0.003%  |
| 62 | 9.463  | 1238 | 1240 | 1241 | rBV2 | 904    | 678     | 0.04%   | 0.005%  |
| 63 | 9.512  | 1247 | 1248 | 1251 | rVB3 | 814    | 721     | 0.04%   | 0.006%  |
| 64 | 9.561  | 1253 | 1256 | 1258 | rVB4 | 1330   | 1470    | 0.09%   | 0.012%  |
| 65 | 9.750  | 1283 | 1287 | 1290 | rBV6 | 2133   | 3067    | 0.19%   | 0.024%  |
| 66 | 9.890  | 1304 | 1310 | 1314 | rBV5 | 4558   | 8362    | 0.51%   | 0.066%  |
| 67 | 9.975  | 1321 | 1324 | 1325 | rBV3 | 1245   | 1039    | 0.06%   | 0.008%  |
| 68 | 10.036 | 1326 | 1334 | 1340 | rVV  | 200257 | 366349  | 22.15%  | 2.872%  |
| 69 | 10.323 | 1373 | 1381 | 1390 | rBV  | 741899 | 1270745 | 76.84%  | 9.961%  |
| 70 | 10.579 | 1416 | 1423 | 1434 | rVB  | 138144 | 244366  | 14.78%  | 1.915%  |
| 71 | 10.701 | 1441 | 1443 | 1449 | rVB4 | 4060   | 6459    | 0.39%   | 0.051%  |

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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

|     |        |      |      |      |      |        |         |        |         |
|-----|--------|------|------|------|------|--------|---------|--------|---------|
| 72  | 10.926 | 1473 | 1480 | 1491 | rBV2 | 224195 | 394794  | 23.87% | 3.095%  |
| 73  | 11.475 | 1568 | 1570 | 1573 | rVB3 | 1579   | 1247    | 0.08%  | 0.010%  |
| 74  | 11.506 | 1573 | 1575 | 1576 | rBV  | 1543   | 1304    | 0.08%  | 0.010%  |
| 75  | 11.628 | 1588 | 1595 | 1603 | rBV  | 837377 | 1431006 | 86.54% | 11.217% |
| 76  | 12.219 | 1690 | 1692 | 1695 | rBV3 | 1080   | 1302    | 0.08%  | 0.010%  |
| 77  | 12.383 | 1717 | 1719 | 1723 | rBV4 | 929    | 1518    | 0.09%  | 0.012%  |
| 78  | 12.505 | 1738 | 1739 | 1740 | rBV  | 802    | 381     | 0.02%  | 0.003%  |
| 79  | 12.609 | 1751 | 1756 | 1763 | rVB3 | 14297  | 26704   | 1.61%  | 0.209%  |
| 80  | 12.694 | 1763 | 1770 | 1778 | rVB  | 365176 | 587087  | 35.50% | 4.602%  |
| 81  | 12.755 | 1778 | 1780 | 1784 | rBV4 | 1400   | 1933    | 0.12%  | 0.015%  |
| 82  | 12.804 | 1787 | 1788 | 1791 | rVB2 | 1238   | 933     | 0.06%  | 0.007%  |
| 83  | 12.835 | 1791 | 1793 | 1794 | rVB2 | 758    | 444     | 0.03%  | 0.003%  |
| 84  | 12.853 | 1794 | 1796 | 1799 | rBV3 | 918    | 984     | 0.06%  | 0.008%  |
| 85  | 12.896 | 1799 | 1803 | 1805 | rBV5 | 1718   | 2074    | 0.13%  | 0.016%  |
| 86  | 12.938 | 1807 | 1810 | 1813 | rBV5 | 1104   | 1119    | 0.07%  | 0.009%  |
| 87  | 13.274 | 1863 | 1865 | 1867 | rBV3 | 1117   | 1142    | 0.07%  | 0.009%  |
| 88  | 13.304 | 1867 | 1870 | 1876 | rVB3 | 3019   | 5182    | 0.31%  | 0.041%  |
| 89  | 13.414 | 1881 | 1888 | 1893 | rBV5 | 6442   | 12748   | 0.77%  | 0.100%  |
| 90  | 13.560 | 1906 | 1912 | 1919 | rBV  | 811042 | 1267552 | 76.65% | 9.935%  |
| 91  | 13.859 | 1953 | 1961 | 1967 | rBV  | 712895 | 1200550 | 72.60% | 9.410%  |
| 92  | 14.072 | 1992 | 1996 | 2005 | rVB  | 21042  | 31986   | 1.93%  | 0.251%  |
| 93  | 14.328 | 2034 | 2038 | 2046 | rVB8 | 4780   | 8513    | 0.51%  | 0.067%  |
| 94  | 14.718 | 2099 | 2102 | 2107 | rVB6 | 1701   | 3139    | 0.19%  | 0.025%  |
| 95  | 15.048 | 2154 | 2156 | 2157 | rBV2 | 955    | 597     | 0.04%  | 0.005%  |
| 96  | 15.444 | 2212 | 2221 | 2226 | rBV6 | 13060  | 32652   | 1.97%  | 0.256%  |
| 97  | 15.499 | 2226 | 2230 | 2238 | rVB  | 11868  | 23446   | 1.42%  | 0.184%  |
| 98  | 15.810 | 2276 | 2281 | 2286 | rBV6 | 8693   | 13824   | 0.84%  | 0.108%  |
| 99  | 15.901 | 2292 | 2296 | 2301 | rVB6 | 4577   | 6647    | 0.40%  | 0.052%  |
| 100 | 16.328 | 2364 | 2366 | 2367 | rBV  | 1288   | 843     | 0.05%  | 0.007%  |

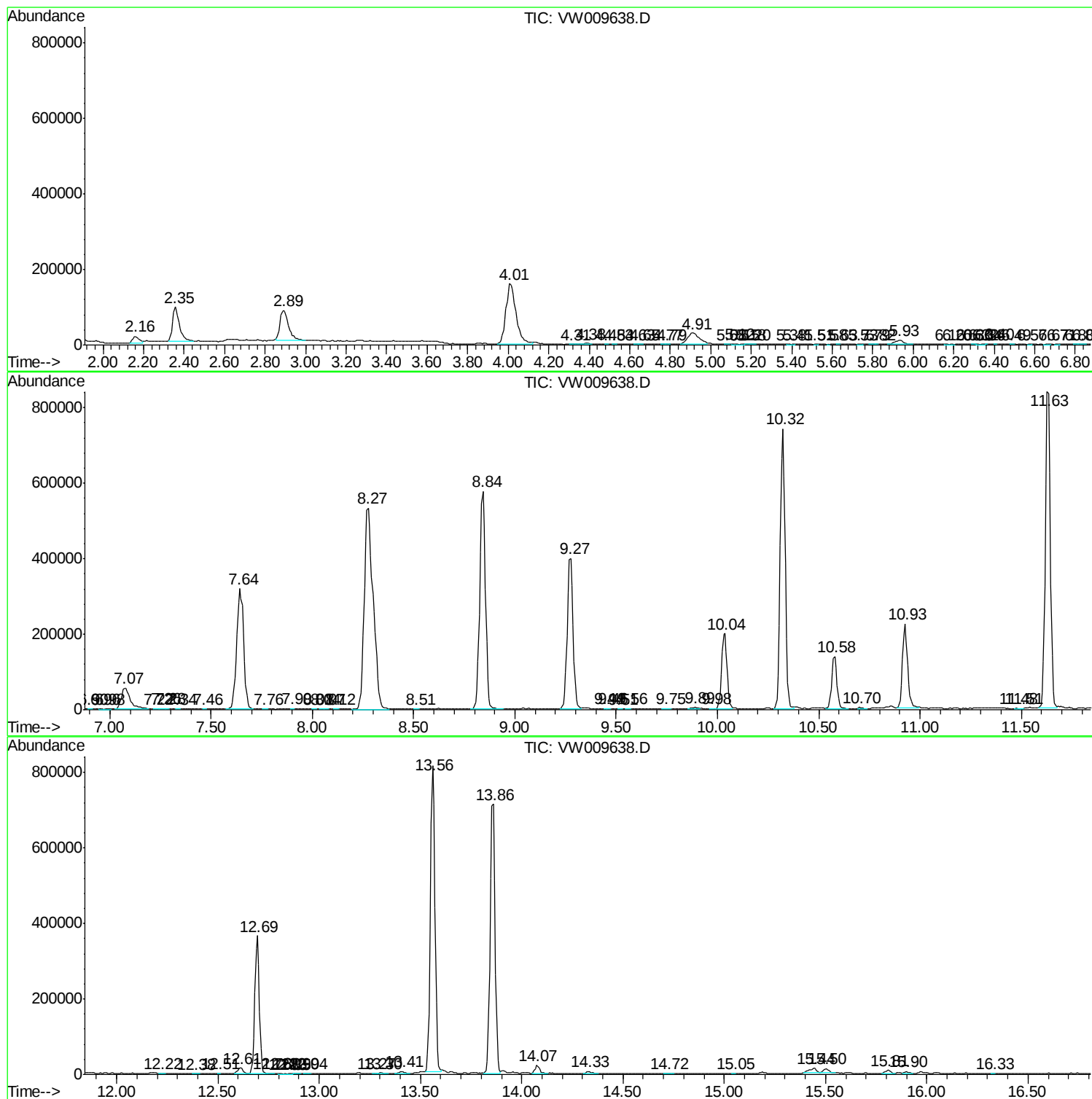
Sum of corrected areas: 12757843

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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\VW040119\  
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TIC Library : C:\DATABASE\NIST11.L  
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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        |