

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032119\  
 Data File : VW009324.D  
 Acq On : 21 Mar 2019 13:52  
 Operator : SY/VA  
 Sample : K1988-21  
 Misc : 5.26G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BF0D3

## 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         | 2.361       | 70            | 75          | 83           | rVB      | 70584          | 154040        | 0.44%           | 0.335%        |
| 2         | 2.892       | 157           | 162         | 177          | rVB      | 76696          | 214419        | 0.61%           | 0.467%        |
| 3         | 3.867       | 319           | 322         | 326          | rVB2     | 3376           | 4452          | 0.01%           | 0.010%        |
| 4         | 3.904       | 326           | 328         | 330          | rBV      | 1737           | 1477          | 0.00%           | 0.003%        |
| 5         | 4.013       | 335           | 346         | 363          | rBV      | 143837         | 502262        | 1.42%           | 1.093%        |
| 6         | 4.391       | 406           | 408         | 411          | rBV2     | 2908           | 2716          | 0.01%           | 0.006%        |
| 7         | 4.556       | 432           | 435         | 436          | rBV      | 3098           | 3634          | 0.01%           | 0.008%        |
| 8         | 4.666       | 451           | 453         | 456          | rVB      | 2509           | 1816          | 0.01%           | 0.004%        |
| 9         | 4.745       | 462           | 466         | 468          | rBV      | 2626           | 3543          | 0.01%           | 0.008%        |
| 10        | 4.769       | 468           | 470         | 471          | rBV      | 2243           | 1751          | 0.00%           | 0.004%        |
| 11        | 4.910       | 489           | 493         | 495          | rBV3     | 6421           | 10074         | 0.03%           | 0.022%        |
| 12        | 5.391       | 569           | 572         | 573          | rBV      | 2465           | 2784          | 0.01%           | 0.006%        |
| 13        | 5.556       | 597           | 599         | 602          | rBV      | 1645           | 2300          | 0.01%           | 0.005%        |
| 14        | 5.745       | 629           | 630         | 634          | rBV      | 2813           | 2949          | 0.01%           | 0.006%        |
| 15        | 5.812       | 640           | 641         | 645          | rVB      | 1911           | 1351          | 0.00%           | 0.003%        |
| 16        | 5.848       | 645           | 647         | 648          | rBV      | 2135           | 1560          | 0.00%           | 0.003%        |
| 17        | 6.165       | 697           | 699         | 701          | rBV      | 1500           | 1169          | 0.00%           | 0.003%        |
| 18        | 6.281       | 716           | 718         | 719          | rVV      | 1492           | 1157          | 0.00%           | 0.003%        |
| 19        | 6.324       | 723           | 725         | 728          | rVV      | 1877           | 2357          | 0.01%           | 0.005%        |
| 20        | 6.367       | 730           | 732         | 734          | rVV      | 1962           | 1669          | 0.00%           | 0.004%        |
| 21        | 6.403       | 737           | 738         | 740          | rVV2     | 1778           | 1316          | 0.00%           | 0.003%        |
| 22        | 6.428       | 740           | 742         | 744          | rVV      | 1919           | 1468          | 0.00%           | 0.003%        |
| 23        | 6.824       | 805           | 807         | 808          | rBV      | 1608           | 1154          | 0.00%           | 0.003%        |
| 24        | 6.903       | 817           | 820         | 821          | rBV      | 1714           | 1694          | 0.00%           | 0.004%        |
| 25        | 6.970       | 829           | 831         | 833          | rBV      | 2240           | 2637          | 0.01%           | 0.006%        |
| 26        | 7.074       | 838           | 848         | 854          | rBV      | 35118          | 100336        | 0.28%           | 0.218%        |
| 27        | 7.312       | 883           | 887         | 890          | rVB2     | 1836           | 3180          | 0.01%           | 0.007%        |
| 28        | 7.348       | 890           | 893         | 894          | rBV3     | 1388           | 1253          | 0.00%           | 0.003%        |
| 29        | 7.513       | 918           | 920         | 923          | rBV      | 1927           | 1756          | 0.00%           | 0.004%        |
| 30        | 7.537       | 923           | 924         | 926          | rVV      | 2073           | 1136          | 0.00%           | 0.002%        |
| 31        | 7.647       | 932           | 942         | 951          | rVB      | 265554         | 639014        | 1.81%           | 1.390%        |
| 32        | 7.909       | 982           | 985         | 986          | rBV2     | 2412           | 2684          | 0.01%           | 0.006%        |
| 33        | 8.275       | 1035          | 1045        | 1059         | rVB2     | 459573         | 1375327       | 3.89%           | 2.993%        |
| 34        | 8.372       | 1059          | 1061        | 1062         | rBV      | 2071           | 1494          | 0.00%           | 0.003%        |

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 Peak separation: 5

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

|    |        |      |      |      |      |          |          |         |         |
|----|--------|------|------|------|------|----------|----------|---------|---------|
| 35 | 8.500  | 1080 | 1082 | 1084 | rBV  | 1799     | 1121     | 0.00%   | 0.002%  |
| 36 | 8.519  | 1084 | 1085 | 1088 | rVB  | 2414     | 1908     | 0.01%   | 0.004%  |
| 37 | 8.543  | 1088 | 1089 | 1094 | rBV  | 1683     | 2480     | 0.01%   | 0.005%  |
| 38 | 8.708  | 1114 | 1116 | 1118 | rBV  | 2354     | 1797     | 0.01%   | 0.004%  |
| 39 | 8.842  | 1128 | 1138 | 1146 | rBV  | 475126   | 938277   | 2.65%   | 2.042%  |
| 40 | 9.092  | 1168 | 1179 | 1195 | rBV  | 18669507 | 35369809 | 100.00% | 76.961% |
| 41 | 9.275  | 1201 | 1209 | 1218 | rVB  | 322702   | 643550   | 1.82%   | 1.400%  |
| 42 | 9.518  | 1247 | 1249 | 1253 | rVB3 | 1297     | 1550     | 0.00%   | 0.003%  |
| 43 | 9.598  | 1260 | 1262 | 1265 | rBV  | 2195     | 3046     | 0.01%   | 0.007%  |
| 44 | 9.750  | 1284 | 1287 | 1289 | rBV2 | 2411     | 2828     | 0.01%   | 0.006%  |
| 45 | 9.854  | 1301 | 1304 | 1305 | rBV  | 1346     | 1174     | 0.00%   | 0.003%  |
| 46 | 9.872  | 1305 | 1307 | 1309 | rBV2 | 1944     | 2621     | 0.01%   | 0.006%  |
| 47 | 10.031 | 1326 | 1333 | 1344 | rVV  | 155387   | 291484   | 0.82%   | 0.634%  |
| 48 | 10.104 | 1344 | 1345 | 1350 | rVB2 | 1303     | 1451     | 0.00%   | 0.003%  |
| 49 | 10.207 | 1360 | 1362 | 1365 | rBV4 | 1602     | 1518     | 0.00%   | 0.003%  |
| 50 | 10.323 | 1373 | 1381 | 1389 | rBV  | 627397   | 1081231  | 3.06%   | 2.353%  |
| 51 | 10.579 | 1416 | 1423 | 1430 | rBV  | 108354   | 187672   | 0.53%   | 0.408%  |
| 52 | 10.701 | 1439 | 1443 | 1445 | rBV4 | 5856     | 7516     | 0.02%   | 0.016%  |
| 53 | 10.768 | 1452 | 1454 | 1455 | rBV  | 2371     | 1917     | 0.01%   | 0.004%  |
| 54 | 10.860 | 1462 | 1469 | 1475 | rBV  | 373730   | 652720   | 1.85%   | 1.420%  |
| 55 | 10.927 | 1475 | 1480 | 1490 | rVB  | 132371   | 230765   | 0.65%   | 0.502%  |
| 56 | 11.061 | 1500 | 1502 | 1507 | rVB4 | 8864     | 12846    | 0.04%   | 0.028%  |
| 57 | 11.232 | 1526 | 1530 | 1532 | rBV3 | 1906     | 2435     | 0.01%   | 0.005%  |
| 58 | 11.323 | 1543 | 1545 | 1548 | rVB2 | 1941     | 1612     | 0.00%   | 0.004%  |
| 59 | 11.378 | 1552 | 1554 | 1555 | rBV  | 1797     | 1148     | 0.00%   | 0.002%  |
| 60 | 11.402 | 1557 | 1558 | 1560 | rBV  | 2192     | 1883     | 0.01%   | 0.004%  |
| 61 | 11.488 | 1569 | 1572 | 1575 | rBV3 | 1942     | 2583     | 0.01%   | 0.006%  |
| 62 | 11.512 | 1575 | 1576 | 1578 | rVB  | 2035     | 1121     | 0.00%   | 0.002%  |
| 63 | 11.555 | 1580 | 1583 | 1585 | rVB  | 1551     | 1634     | 0.00%   | 0.004%  |
| 64 | 11.628 | 1588 | 1595 | 1604 | rBV  | 627757   | 1096960  | 3.10%   | 2.387%  |
| 65 | 11.872 | 1632 | 1635 | 1639 | rBV2 | 2451     | 4646     | 0.01%   | 0.010%  |
| 66 | 11.963 | 1649 | 1650 | 1658 | rVB4 | 2767     | 4535     | 0.01%   | 0.010%  |
| 67 | 12.024 | 1658 | 1660 | 1663 | rBV2 | 2295     | 2960     | 0.01%   | 0.006%  |
| 68 | 12.103 | 1671 | 1673 | 1674 | rBV  | 1592     | 1407     | 0.00%   | 0.003%  |
| 69 | 12.146 | 1674 | 1680 | 1683 | rBV7 | 3821     | 7600     | 0.02%   | 0.017%  |
| 70 | 12.219 | 1691 | 1692 | 1694 | rBV  | 2203     | 1982     | 0.01%   | 0.004%  |
| 71 | 12.329 | 1706 | 1710 | 1711 | rBV  | 2551     | 3260     | 0.01%   | 0.007%  |

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## Integration Parameters: LSCINT.P

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 Smoothing : OFF  
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 Start Thrs: 0.2  
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Filtering: 5  
 Min Area: 0 % of largest Peak  
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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  | 12.451 | 1728 | 1730 | 1731 | rBV  | 2875   | 1926   | 0.01% | 0.004% |
| 73  | 12.512 | 1737 | 1740 | 1745 | rVB5 | 2185   | 3822   | 0.01% | 0.008% |
| 74  | 12.561 | 1745 | 1748 | 1751 | rBB3 | 2231   | 1962   | 0.01% | 0.004% |
| 75  | 12.615 | 1751 | 1757 | 1762 | rBV5 | 11261  | 21337  | 0.06% | 0.046% |
| 76  | 12.695 | 1763 | 1770 | 1778 | rVV  | 238958 | 403955 | 1.14% | 0.879% |
| 77  | 12.780 | 1779 | 1784 | 1791 | rVB4 | 18393  | 32634  | 0.09% | 0.071% |
| 78  | 13.201 | 1848 | 1853 | 1855 | rVV3 | 3084   | 4221   | 0.01% | 0.009% |
| 79  | 13.256 | 1860 | 1862 | 1863 | rBV  | 2489   | 1673   | 0.00% | 0.004% |
| 80  | 13.396 | 1879 | 1885 | 1886 | rBV4 | 4477   | 8334   | 0.02% | 0.018% |
| 81  | 13.560 | 1905 | 1912 | 1918 | rBV  | 599079 | 938913 | 2.65% | 2.043% |
| 82  | 13.762 | 1943 | 1945 | 1949 | rBV5 | 2825   | 3331   | 0.01% | 0.007% |
| 83  | 13.853 | 1953 | 1960 | 1973 | rVB  | 504662 | 868639 | 2.46% | 1.890% |
| 84  | 14.073 | 1993 | 1996 | 2001 | rBV2 | 6678   | 9733   | 0.03% | 0.021% |
| 85  | 14.207 | 2017 | 2018 | 2022 | rBV  | 2489   | 1992   | 0.01% | 0.004% |
| 86  | 14.255 | 2024 | 2026 | 2028 | rBV  | 1424   | 1226   | 0.00% | 0.003% |
| 87  | 14.390 | 2047 | 2048 | 2050 | rBV  | 1904   | 1501   | 0.00% | 0.003% |
| 88  | 14.518 | 2067 | 2069 | 2072 | rBV2 | 1955   | 2292   | 0.01% | 0.005% |
| 89  | 14.572 | 2077 | 2078 | 2079 | rBV  | 1840   | 1112   | 0.00% | 0.002% |
| 90  | 14.676 | 2091 | 2095 | 2098 | rBV  | 1947   | 3518   | 0.01% | 0.008% |
| 91  | 14.883 | 2127 | 2129 | 2131 | rBV  | 2042   | 1633   | 0.00% | 0.004% |
| 92  | 14.950 | 2138 | 2140 | 2141 | rBV  | 1349   | 1251   | 0.00% | 0.003% |
| 93  | 15.054 | 2155 | 2157 | 2158 | rBV2 | 2723   | 2394   | 0.01% | 0.005% |
| 94  | 15.444 | 2217 | 2221 | 2223 | rBV4 | 2938   | 3923   | 0.01% | 0.009% |
| 95  | 15.639 | 2251 | 2253 | 2257 | rVB3 | 1930   | 1851   | 0.01% | 0.004% |
| 96  | 16.206 | 2344 | 2346 | 2347 | rVB  | 2096   | 1187   | 0.00% | 0.003% |
| 97  | 16.237 | 2347 | 2351 | 2352 | rBV  | 1659   | 1721   | 0.00% | 0.004% |
| 98  | 16.481 | 2389 | 2391 | 2392 | rBV2 | 1680   | 1625   | 0.00% | 0.004% |
| 99  | 16.499 | 2392 | 2394 | 2395 | rVB  | 2481   | 1461   | 0.00% | 0.003% |
| 100 | 16.517 | 2395 | 2397 | 2398 | rBV  | 2664   | 1833   | 0.01% | 0.004% |

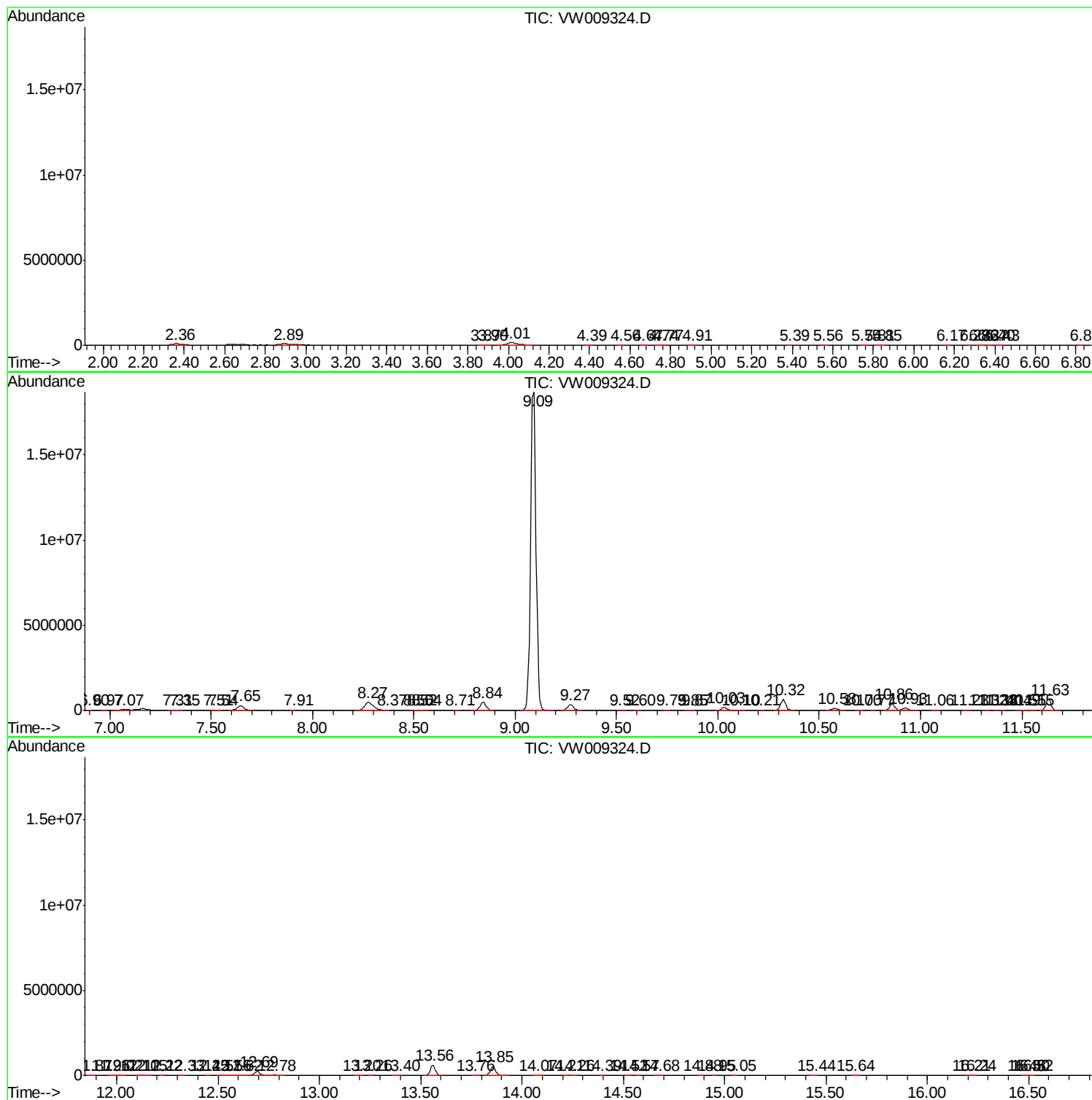
Sum of corrected areas: 45957976

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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\VW032119\  
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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 |

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