

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032019\  
 Data File : VW009291.D  
 Acq On : 20 Mar 2019 16:57  
 Operator : SY/VA  
 Sample : K1986-13  
 Misc : 5.12G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BF121

## 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         | 2.355       | 69            | 74          | 86           | rVB      | 74593          | 172454        | 12.60%          | 1.657%        |
| 2         | 2.892       | 158           | 162         | 174          | rVB      | 71320          | 179647        | 13.13%          | 1.726%        |
| 3         | 4.019       | 334           | 347         | 364          | rBV3     | 139182         | 499513        | 36.51%          | 4.800%        |
| 4         | 4.227       | 378           | 381         | 384          | rVB3     | 1429           | 1406          | 0.10%           | 0.014%        |
| 5         | 4.623       | 443           | 446         | 448          | rBV2     | 2374           | 3445          | 0.25%           | 0.033%        |
| 6         | 4.672       | 453           | 454         | 457          | rVV      | 1502           | 1492          | 0.11%           | 0.014%        |
| 7         | 4.733       | 462           | 464         | 467          | rVB      | 2060           | 1711          | 0.13%           | 0.016%        |
| 8         | 5.092       | 521           | 523         | 526          | rBV2     | 1625           | 1429          | 0.10%           | 0.014%        |
| 9         | 5.147       | 531           | 532         | 534          | rVB2     | 2022           | 1319          | 0.10%           | 0.013%        |
| 10        | 5.379       | 567           | 570         | 571          | rBV      | 2621           | 3253          | 0.24%           | 0.031%        |
| 11        | 5.495       | 586           | 589         | 591          | rBV      | 1684           | 1496          | 0.11%           | 0.014%        |
| 12        | 5.684       | 618           | 620         | 621          | rBV      | 1810           | 1073          | 0.08%           | 0.010%        |
| 13        | 5.787       | 634           | 637         | 640          | rBV      | 2352           | 3070          | 0.22%           | 0.029%        |
| 14        | 5.915       | 656           | 658         | 665          | rVB3     | 4808           | 9304          | 0.68%           | 0.089%        |
| 15        | 6.147       | 694           | 696         | 698          | rVB      | 2229           | 1898          | 0.14%           | 0.018%        |
| 16        | 6.257       | 712           | 714         | 715          | rVB      | 2482           | 1284          | 0.09%           | 0.012%        |
| 17        | 6.379       | 731           | 734         | 735          | rBV      | 1879           | 1972          | 0.14%           | 0.019%        |
| 18        | 6.415       | 738           | 740         | 742          | rBV      | 1701           | 1205          | 0.09%           | 0.012%        |
| 19        | 6.549       | 758           | 762         | 764          | rBV      | 2228           | 3526          | 0.26%           | 0.034%        |
| 20        | 6.714       | 787           | 789         | 792          | rBV      | 2432           | 3399          | 0.25%           | 0.033%        |
| 21        | 7.074       | 841           | 848         | 855          | rBV      | 50499          | 138661        | 10.13%          | 1.332%        |
| 22        | 7.360       | 894           | 895         | 898          | rBV2     | 2078           | 1756          | 0.13%           | 0.017%        |
| 23        | 7.507       | 917           | 919         | 921          | rBV      | 1996           | 1535          | 0.11%           | 0.015%        |
| 24        | 7.647       | 932           | 942         | 953          | rVB      | 255527         | 611529        | 44.70%          | 5.876%        |
| 25        | 7.830       | 971           | 972         | 975          | rBV2     | 1441           | 1520          | 0.11%           | 0.015%        |
| 26        | 7.994       | 997           | 999         | 1000         | rVB      | 2250           | 1168          | 0.09%           | 0.011%        |
| 27        | 8.128       | 1019          | 1021        | 1023         | rBV2     | 1441           | 1453          | 0.11%           | 0.014%        |
| 28        | 8.171       | 1027          | 1028        | 1031         | rVV      | 2027           | 1406          | 0.10%           | 0.014%        |
| 29        | 8.275       | 1034          | 1045        | 1060         | rBV2     | 447552         | 1368223       | 100.00%         | 13.147%       |
| 30        | 8.598       | 1097          | 1098        | 1099         | rBV      | 1548           | 942           | 0.07%           | 0.009%        |
| 31        | 8.842       | 1129          | 1138        | 1148         | rBV      | 467106         | 899313        | 65.73%          | 8.641%        |
| 32        | 9.019       | 1166          | 1167        | 1170         | rBV2     | 2389           | 1982          | 0.14%           | 0.019%        |
| 33        | 9.201       | 1195          | 1197        | 1198         | rBV      | 1413           | 1022          | 0.07%           | 0.010%        |
| 34        | 9.275       | 1200          | 1209        | 1218         | rVV      | 312416         | 641641        | 46.90%          | 6.165%        |

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 Peak Location: TOP

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 Peak separation: 5

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

|    |        |      |      |      |      |        |         |        |         |
|----|--------|------|------|------|------|--------|---------|--------|---------|
| 35 | 9.451  | 1235 | 1238 | 1241 | rBV  | 2097   | 1921    | 0.14%  | 0.018%  |
| 36 | 9.476  | 1241 | 1242 | 1244 | rBV  | 1585   | 983     | 0.07%  | 0.009%  |
| 37 | 9.494  | 1244 | 1245 | 1252 | rVB3 | 2278   | 2802    | 0.20%  | 0.027%  |
| 38 | 9.561  | 1252 | 1256 | 1259 | rBV2 | 1201   | 2122    | 0.16%  | 0.020%  |
| 39 | 9.653  | 1267 | 1271 | 1275 | rBV2 | 1506   | 2397    | 0.18%  | 0.023%  |
| 40 | 9.683  | 1275 | 1276 | 1281 | rVB3 | 1653   | 1671    | 0.12%  | 0.016%  |
| 41 | 9.750  | 1283 | 1287 | 1288 | rVV2 | 1483   | 1730    | 0.13%  | 0.017%  |
| 42 | 9.860  | 1302 | 1305 | 1307 | rBV2 | 2056   | 3127    | 0.23%  | 0.030%  |
| 43 | 9.963  | 1320 | 1322 | 1324 | rBV  | 1544   | 1638    | 0.12%  | 0.016%  |
| 44 | 10.031 | 1326 | 1333 | 1345 | rVB  | 170371 | 318343  | 23.27% | 3.059%  |
| 45 | 10.207 | 1359 | 1362 | 1363 | rBV2 | 2522   | 2131    | 0.16%  | 0.020%  |
| 46 | 10.323 | 1373 | 1381 | 1388 | rBV  | 626393 | 1078789 | 78.85% | 10.366% |
| 47 | 10.518 | 1410 | 1413 | 1415 | rBV2 | 2311   | 2204    | 0.16%  | 0.021%  |
| 48 | 10.573 | 1415 | 1422 | 1431 | rVV  | 118434 | 212224  | 15.51% | 2.039%  |
| 49 | 10.640 | 1431 | 1433 | 1434 | rVB2 | 2177   | 1191    | 0.09%  | 0.011%  |
| 50 | 10.707 | 1439 | 1444 | 1448 | rVV5 | 11633  | 22246   | 1.63%  | 0.214%  |
| 51 | 10.780 | 1452 | 1456 | 1457 | rVB  | 1889   | 1906    | 0.14%  | 0.018%  |
| 52 | 10.860 | 1467 | 1469 | 1470 | rBV2 | 2683   | 1620    | 0.12%  | 0.016%  |
| 53 | 10.927 | 1474 | 1480 | 1491 | rBV  | 203643 | 350459  | 25.61% | 3.367%  |
| 54 | 11.067 | 1497 | 1503 | 1510 | rVB4 | 13237  | 24206   | 1.77%  | 0.233%  |
| 55 | 11.274 | 1535 | 1537 | 1539 | rBV  | 1464   | 1690    | 0.12%  | 0.016%  |
| 56 | 11.378 | 1553 | 1554 | 1556 | rVB2 | 1695   | 1211    | 0.09%  | 0.012%  |
| 57 | 11.439 | 1560 | 1564 | 1570 | rBV  | 3214   | 5871    | 0.43%  | 0.056%  |
| 58 | 11.634 | 1588 | 1596 | 1607 | rBV  | 648801 | 1113733 | 81.40% | 10.702% |
| 59 | 11.841 | 1628 | 1630 | 1631 | rBV2 | 1793   | 1298    | 0.09%  | 0.012%  |
| 60 | 11.890 | 1636 | 1638 | 1640 | rVV2 | 1713   | 1026    | 0.07%  | 0.010%  |
| 61 | 11.963 | 1644 | 1650 | 1654 | rBV2 | 2074   | 4110    | 0.30%  | 0.039%  |
| 62 | 11.994 | 1654 | 1655 | 1659 | rVB3 | 1172   | 1081    | 0.08%  | 0.010%  |
| 63 | 12.103 | 1672 | 1673 | 1676 | rVB2 | 2184   | 1757    | 0.13%  | 0.017%  |
| 64 | 12.231 | 1692 | 1694 | 1696 | rBV  | 2214   | 2253    | 0.16%  | 0.022%  |
| 65 | 12.256 | 1696 | 1698 | 1700 | rVV  | 2098   | 1720    | 0.13%  | 0.017%  |
| 66 | 12.274 | 1700 | 1701 | 1702 | rVV  | 2209   | 886     | 0.06%  | 0.009%  |
| 67 | 12.292 | 1702 | 1704 | 1706 | rVV2 | 1245   | 1194    | 0.09%  | 0.011%  |
| 68 | 12.341 | 1709 | 1712 | 1715 | rBV3 | 1720   | 2746    | 0.20%  | 0.026%  |
| 69 | 12.439 | 1726 | 1728 | 1729 | rBV  | 1894   | 1096    | 0.08%  | 0.011%  |
| 70 | 12.536 | 1742 | 1744 | 1745 | rBV  | 1534   | 1200    | 0.09%  | 0.012%  |
| 71 | 12.573 | 1749 | 1750 | 1751 | rBV  | 1669   | 1019    | 0.07%  | 0.010%  |

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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

|     |        |      |      |      |      |        |         |        |         |
|-----|--------|------|------|------|------|--------|---------|--------|---------|
| 72  | 12.609 | 1751 | 1756 | 1763 | rVB3 | 20758  | 36625   | 2.68%  | 0.352%  |
| 73  | 12.695 | 1763 | 1770 | 1777 | rBV  | 294377 | 484823  | 35.43% | 4.659%  |
| 74  | 12.804 | 1785 | 1788 | 1791 | rBV  | 1618   | 2122    | 0.16%  | 0.020%  |
| 75  | 12.878 | 1799 | 1800 | 1802 | rBV2 | 1645   | 1581    | 0.12%  | 0.015%  |
| 76  | 12.939 | 1806 | 1810 | 1813 | rBV  | 4455   | 7640    | 0.56%  | 0.073%  |
| 77  | 12.963 | 1813 | 1814 | 1816 | rBV  | 2634   | 1558    | 0.11%  | 0.015%  |
| 78  | 13.036 | 1823 | 1826 | 1828 | rBV  | 3039   | 2689    | 0.20%  | 0.026%  |
| 79  | 13.079 | 1831 | 1833 | 1836 | rVB  | 2010   | 1767    | 0.13%  | 0.017%  |
| 80  | 13.103 | 1836 | 1837 | 1839 | rBV2 | 1084   | 941     | 0.07%  | 0.009%  |
| 81  | 13.225 | 1855 | 1857 | 1863 | rBV2 | 1943   | 2979    | 0.22%  | 0.029%  |
| 82  | 13.274 | 1863 | 1865 | 1867 | rBV  | 2897   | 2932    | 0.21%  | 0.028%  |
| 83  | 13.335 | 1873 | 1875 | 1878 | rVB  | 1600   | 1749    | 0.13%  | 0.017%  |
| 84  | 13.384 | 1880 | 1883 | 1885 | rBV  | 1857   | 2534    | 0.19%  | 0.024%  |
| 85  | 13.475 | 1893 | 1898 | 1903 | rBV3 | 14243  | 23099   | 1.69%  | 0.222%  |
| 86  | 13.560 | 1905 | 1912 | 1919 | rVV  | 671991 | 1055606 | 77.15% | 10.143% |
| 87  | 13.853 | 1953 | 1960 | 1969 | rBV  | 604552 | 987657  | 72.19% | 9.490%  |
| 88  | 14.073 | 1993 | 1996 | 2002 | rVB3 | 11467  | 19426   | 1.42%  | 0.187%  |
| 89  | 14.335 | 2033 | 2039 | 2042 | rVV7 | 5209   | 11271   | 0.82%  | 0.108%  |
| 90  | 14.390 | 2046 | 2048 | 2050 | rVB  | 1346   | 865     | 0.06%  | 0.008%  |
| 91  | 14.499 | 2064 | 2066 | 2069 | rBV2 | 1859   | 1666    | 0.12%  | 0.016%  |
| 92  | 14.774 | 2110 | 2111 | 2114 | rVB  | 1927   | 1055    | 0.08%  | 0.010%  |
| 93  | 14.926 | 2134 | 2136 | 2142 | rVB2 | 2436   | 2979    | 0.22%  | 0.029%  |
| 94  | 14.981 | 2144 | 2145 | 2148 | rVB  | 1989   | 1210    | 0.09%  | 0.012%  |
| 95  | 15.280 | 2193 | 2194 | 2195 | rBV  | 2328   | 1128    | 0.08%  | 0.011%  |
| 96  | 15.322 | 2199 | 2201 | 2204 | rBV  | 2302   | 2523    | 0.18%  | 0.024%  |
| 97  | 15.371 | 2207 | 2209 | 2210 | rBV  | 1878   | 1251    | 0.09%  | 0.012%  |
| 98  | 15.700 | 2262 | 2263 | 2264 | rBV  | 2416   | 1136    | 0.08%  | 0.011%  |
| 99  | 16.078 | 2323 | 2325 | 2326 | rBV  | 2197   | 1527    | 0.11%  | 0.015%  |
| 100 | 16.328 | 2365 | 2366 | 2367 | rBV  | 1958   | 1116    | 0.08%  | 0.011%  |

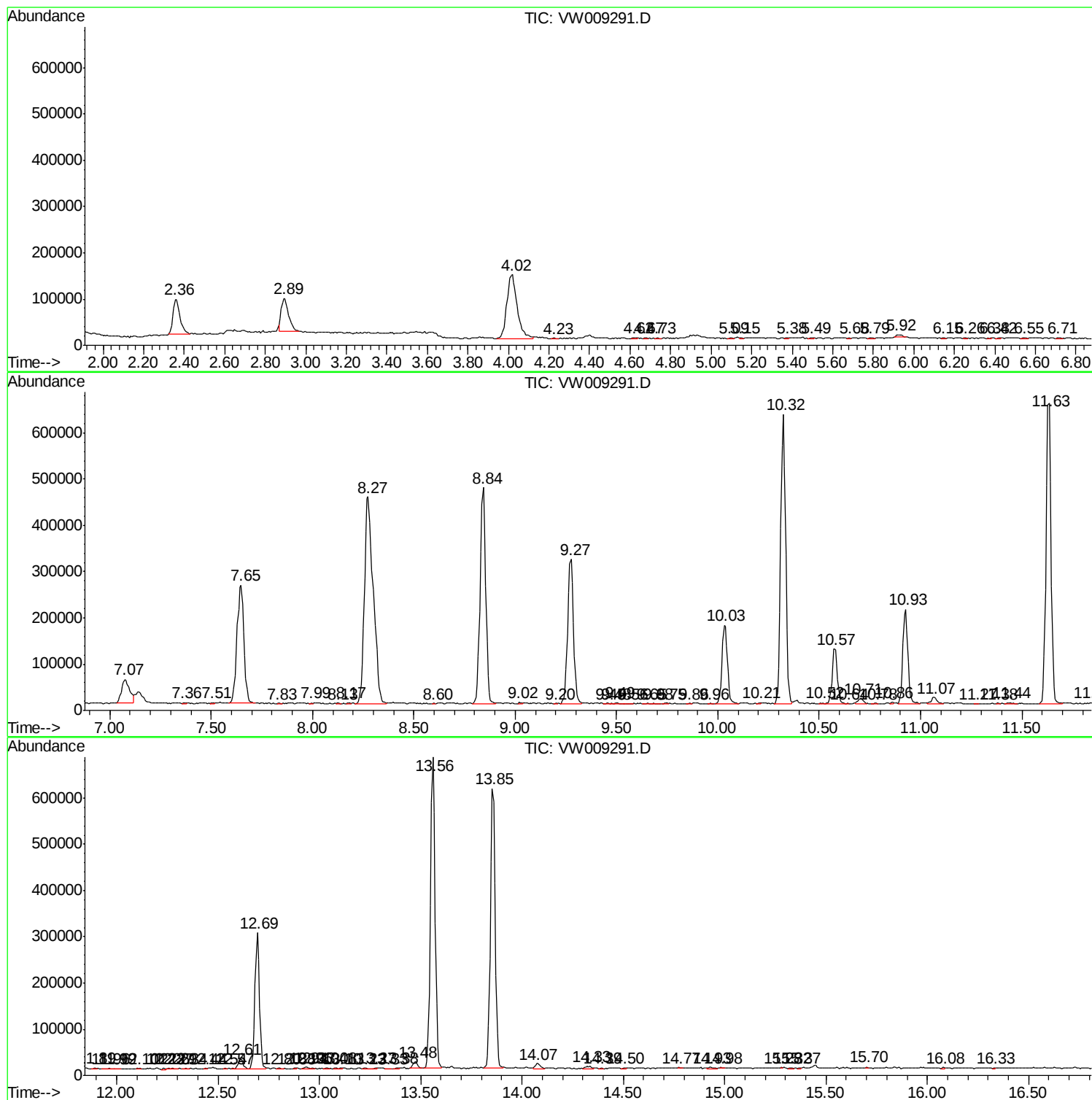
Sum of corrected areas: 10407103

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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\VW032019\  
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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        |