

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041119\  
 Data File : VW009960.D  
 Acq On : 12 Apr 2019 15:54  
 Operator : SY/VA  
 Sample : K2278-23  
 Misc : 2.29G/10ML/MSVOA W/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 DB6Z6

## 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<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          | 43           | rBV4     | 5646           | 8109          | 0.43%           | 0.056%        |
| 2         | 2.361       | 68            | 75          | 91           | rBV      | 66467          | 174967        | 9.25%           | 1.212%        |
| 3         | 2.892       | 155           | 162         | 176          | rVB      | 66210          | 185319        | 9.80%           | 1.284%        |
| 4         | 4.013       | 335           | 346         | 361          | rBV2     | 159770         | 566562        | 29.96%          | 3.925%        |
| 5         | 4.275       | 387           | 389         | 391          | rBV3     | 1322           | 1106          | 0.06%           | 0.008%        |
| 6         | 4.410       | 404           | 411         | 425          | rVB2     | 4378           | 14118         | 0.75%           | 0.098%        |
| 7         | 4.641       | 446           | 449         | 451          | rBV3     | 1015           | 1445          | 0.08%           | 0.010%        |
| 8         | 4.903       | 480           | 492         | 493          | rBV      | 56553          | 97056         | 5.13%           | 0.672%        |
| 9         | 5.428       | 574           | 578         | 581          | rVB4     | 1788           | 2624          | 0.14%           | 0.018%        |
| 10        | 5.659       | 613           | 616         | 620          | rBV3     | 1043           | 1240          | 0.07%           | 0.009%        |
| 11        | 5.928       | 649           | 660         | 670          | rVB3     | 21604          | 63019         | 3.33%           | 0.437%        |
| 12        | 6.208       | 702           | 706         | 710          | rVB5     | 1000           | 1828          | 0.10%           | 0.013%        |
| 13        | 6.415       | 737           | 740         | 743          | rBV4     | 909            | 1593          | 0.08%           | 0.011%        |
| 14        | 6.562       | 762           | 764         | 768          | rVB2     | 1063           | 1067          | 0.06%           | 0.007%        |
| 15        | 6.671       | 780           | 782         | 785          | rVB3     | 1236           | 1457          | 0.08%           | 0.010%        |
| 16        | 6.720       | 785           | 790         | 795          | rBV6     | 840            | 1936          | 0.10%           | 0.013%        |
| 17        | 6.994       | 833           | 835         | 839          | rBV4     | 963            | 1421          | 0.08%           | 0.010%        |
| 18        | 7.080       | 839           | 849         | 860          | rBV      | 66359          | 193521        | 10.23%          | 1.341%        |
| 19        | 7.391       | 897           | 900         | 903          | rBV4     | 1223           | 1719          | 0.09%           | 0.012%        |
| 20        | 7.415       | 903           | 904         | 907          | rVB3     | 1084           | 1036          | 0.05%           | 0.007%        |
| 21        | 7.458       | 909           | 911         | 914          | rVB3     | 903            | 1082          | 0.06%           | 0.007%        |
| 22        | 7.513       | 916           | 920         | 922          | rBV4     | 1292           | 1926          | 0.10%           | 0.013%        |
| 23        | 7.647       | 930           | 942         | 952          | rBV      | 358389         | 877423        | 46.40%          | 6.078%        |
| 24        | 7.781       | 961           | 964         | 967          | rVB2     | 1345           | 1514          | 0.08%           | 0.010%        |
| 25        | 8.019       | 999           | 1003        | 1005         | rBV3     | 692            | 1055          | 0.06%           | 0.007%        |
| 26        | 8.275       | 1034          | 1045        | 1060         | rVV2     | 619164         | 1891061       | 100.00%         | 13.100%       |
| 27        | 8.415       | 1066          | 1068        | 1070         | rVB3     | 1422           | 1041          | 0.06%           | 0.007%        |
| 28        | 8.628       | 1099          | 1103        | 1104         | rBV3     | 930            | 1173          | 0.06%           | 0.008%        |
| 29        | 8.683       | 1110          | 1112        | 1117         | rVB5     | 1789           | 1947          | 0.10%           | 0.013%        |
| 30        | 8.842       | 1125          | 1138        | 1147         | rBV      | 680998         | 1314908       | 69.53%          | 9.109%        |
| 31        | 9.031       | 1164          | 1169        | 1178         | rBV4     | 10200          | 24471         | 1.29%           | 0.170%        |
| 32        | 9.116       | 1182          | 1183        | 1186         | rBV3     | 1711           | 1753          | 0.09%           | 0.012%        |
| 33        | 9.195       | 1192          | 1196        | 1199         | rBV5     | 1395           | 2430          | 0.13%           | 0.017%        |
| 34        | 9.275       | 1200          | 1209        | 1218         | rBV      | 467918         | 951429        | 50.31%          | 6.591%        |

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 Peak Location: TOP

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

|    |        |      |      |      |      |        |         |        |         |
|----|--------|------|------|------|------|--------|---------|--------|---------|
| 35 | 9.518  | 1245 | 1249 | 1250 | rBV4 | 938    | 1126    | 0.06%  | 0.008%  |
| 36 | 9.537  | 1250 | 1252 | 1257 | rVB6 | 1036   | 1416    | 0.07%  | 0.010%  |
| 37 | 9.665  | 1266 | 1273 | 1280 | rBV8 | 3248   | 8524    | 0.45%  | 0.059%  |
| 38 | 9.884  | 1304 | 1309 | 1315 | rVB7 | 2729   | 4855    | 0.26%  | 0.034%  |
| 39 | 10.037 | 1325 | 1334 | 1345 | rBV  | 220156 | 410827  | 21.72% | 2.846%  |
| 40 | 10.116 | 1345 | 1347 | 1349 | rBV3 | 1802   | 2218    | 0.12%  | 0.015%  |
| 41 | 10.256 | 1362 | 1370 | 1372 | rVB8 | 1941   | 3721    | 0.20%  | 0.026%  |
| 42 | 10.323 | 1372 | 1381 | 1389 | rBV  | 809740 | 1413785 | 74.76% | 9.794%  |
| 43 | 10.384 | 1389 | 1391 | 1399 | rVB2 | 7568   | 10587   | 0.56%  | 0.073%  |
| 44 | 10.469 | 1403 | 1405 | 1406 | rBV2 | 1125   | 1060    | 0.06%  | 0.007%  |
| 45 | 10.579 | 1416 | 1423 | 1431 | rBV  | 156490 | 272571  | 14.41% | 1.888%  |
| 46 | 10.713 | 1438 | 1445 | 1448 | rVB4 | 5099   | 9978    | 0.53%  | 0.069%  |
| 47 | 10.860 | 1464 | 1469 | 1473 | rVB8 | 4193   | 7601    | 0.40%  | 0.053%  |
| 48 | 10.927 | 1473 | 1480 | 1493 | rBV  | 270338 | 458901  | 24.27% | 3.179%  |
| 49 | 11.073 | 1500 | 1504 | 1509 | rBV6 | 5634   | 9596    | 0.51%  | 0.066%  |
| 50 | 11.171 | 1517 | 1520 | 1522 | rBV4 | 1287   | 1470    | 0.08%  | 0.010%  |
| 51 | 11.408 | 1556 | 1559 | 1563 | rVB4 | 3903   | 5787    | 0.31%  | 0.040%  |
| 52 | 11.506 | 1570 | 1575 | 1576 | rBV4 | 1322   | 2210    | 0.12%  | 0.015%  |
| 53 | 11.628 | 1587 | 1595 | 1605 | rBV  | 969506 | 1661878 | 87.88% | 11.512% |
| 54 | 11.841 | 1625 | 1630 | 1634 | rBV7 | 4454   | 8753    | 0.46%  | 0.061%  |
| 55 | 12.158 | 1680 | 1682 | 1684 | rVV3 | 1514   | 1443    | 0.08%  | 0.010%  |
| 56 | 12.176 | 1684 | 1685 | 1688 | rVB3 | 1805   | 1192    | 0.06%  | 0.008%  |
| 57 | 12.244 | 1691 | 1696 | 1697 | rBV4 | 1062   | 1566    | 0.08%  | 0.011%  |
| 58 | 12.335 | 1708 | 1711 | 1712 | rVV3 | 1466   | 1261    | 0.07%  | 0.009%  |
| 59 | 12.463 | 1728 | 1732 | 1735 | rBV4 | 2099   | 3227    | 0.17%  | 0.022%  |
| 60 | 12.609 | 1750 | 1756 | 1762 | rVV4 | 14509  | 23741   | 1.26%  | 0.164%  |
| 61 | 12.695 | 1762 | 1770 | 1779 | rVB  | 381750 | 656738  | 34.73% | 4.549%  |
| 62 | 12.804 | 1786 | 1788 | 1790 | rVB3 | 1732   | 1486    | 0.08%  | 0.010%  |
| 63 | 12.871 | 1795 | 1799 | 1802 | rBV3 | 2731   | 4564    | 0.24%  | 0.032%  |
| 64 | 12.939 | 1806 | 1810 | 1817 | rVV8 | 5475   | 9652    | 0.51%  | 0.067%  |
| 65 | 13.103 | 1830 | 1837 | 1842 | rBV4 | 2571   | 4241    | 0.22%  | 0.029%  |
| 66 | 13.170 | 1845 | 1848 | 1849 | rBV2 | 1276   | 1257    | 0.07%  | 0.009%  |
| 67 | 13.195 | 1849 | 1852 | 1855 | rBV4 | 1850   | 2937    | 0.16%  | 0.020%  |
| 68 | 13.256 | 1856 | 1862 | 1866 | rVB3 | 4015   | 6828    | 0.36%  | 0.047%  |
| 69 | 13.298 | 1866 | 1869 | 1870 | rVB3 | 1563   | 1110    | 0.06%  | 0.008%  |
| 70 | 13.341 | 1874 | 1876 | 1879 | rBV3 | 964    | 1234    | 0.07%  | 0.009%  |
| 71 | 13.408 | 1881 | 1887 | 1892 | rBV4 | 6374   | 11447   | 0.61%  | 0.079%  |

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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\SOM2WLM040319S.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |         |        |        |
|-----|--------|------|------|------|------|--------|---------|--------|--------|
| 72  | 13.481 | 1894 | 1899 | 1900 | rBV5 | 1668   | 2454    | 0.13%  | 0.017% |
| 73  | 13.512 | 1900 | 1904 | 1905 | rBV4 | 4696   | 6148    | 0.33%  | 0.043% |
| 74  | 13.560 | 1905 | 1912 | 1919 | rBV  | 913481 | 1429326 | 75.58% | 9.901% |
| 75  | 13.701 | 1934 | 1935 | 1937 | rBV2 | 1713   | 1356    | 0.07%  | 0.009% |
| 76  | 13.762 | 1941 | 1945 | 1950 | rVV6 | 4020   | 7673    | 0.41%  | 0.053% |
| 77  | 13.853 | 1953 | 1960 | 1967 | rVV  | 816482 | 1337869 | 70.75% | 9.268% |
| 78  | 13.908 | 1967 | 1969 | 1974 | rVV4 | 10473  | 15589   | 0.82%  | 0.108% |
| 79  | 13.951 | 1974 | 1976 | 1981 | rVV4 | 5690   | 8040    | 0.43%  | 0.056% |
| 80  | 14.024 | 1983 | 1988 | 1992 | rVV8 | 6013   | 12389   | 0.66%  | 0.086% |
| 81  | 14.079 | 1992 | 1997 | 2005 | rVV  | 19745  | 35558   | 1.88%  | 0.246% |
| 82  | 14.261 | 2024 | 2027 | 2028 | rBV3 | 1912   | 1356    | 0.07%  | 0.009% |
| 83  | 14.329 | 2032 | 2038 | 2046 | rVV6 | 13171  | 22998   | 1.22%  | 0.159% |
| 84  | 14.530 | 2065 | 2071 | 2076 | rVB4 | 7958   | 12693   | 0.67%  | 0.088% |
| 85  | 14.639 | 2085 | 2089 | 2091 | rBV5 | 1194   | 2019    | 0.11%  | 0.014% |
| 86  | 14.731 | 2101 | 2104 | 2106 | rVB3 | 2565   | 2631    | 0.14%  | 0.018% |
| 87  | 15.115 | 2163 | 2167 | 2168 | rBV4 | 1187   | 1478    | 0.08%  | 0.010% |
| 88  | 15.152 | 2171 | 2173 | 2174 | rBV  | 1633   | 1425    | 0.08%  | 0.010% |
| 89  | 15.188 | 2175 | 2179 | 2182 | rVV6 | 3047   | 4277    | 0.23%  | 0.030% |
| 90  | 15.249 | 2186 | 2189 | 2190 | rBV3 | 1011   | 1298    | 0.07%  | 0.009% |
| 91  | 15.414 | 2212 | 2216 | 2217 | rBV3 | 7711   | 9281    | 0.49%  | 0.064% |
| 92  | 15.444 | 2217 | 2221 | 2226 | rVV  | 19706  | 32092   | 1.70%  | 0.222% |
| 93  | 15.505 | 2226 | 2231 | 2239 | rVB  | 10554  | 21546   | 1.14%  | 0.149% |
| 94  | 15.700 | 2261 | 2263 | 2268 | rVV5 | 1936   | 3052    | 0.16%  | 0.021% |
| 95  | 15.804 | 2275 | 2280 | 2286 | rVV6 | 8627   | 16248   | 0.86%  | 0.113% |
| 96  | 15.853 | 2286 | 2288 | 2292 | rVV5 | 2546   | 4018    | 0.21%  | 0.028% |
| 97  | 15.901 | 2292 | 2296 | 2303 | rVV8 | 3542   | 7069    | 0.37%  | 0.049% |
| 98  | 15.968 | 2303 | 2307 | 2315 | rVV8 | 3235   | 8134    | 0.43%  | 0.056% |
| 99  | 16.054 | 2320 | 2321 | 2324 | rVB3 | 2248   | 1215    | 0.06%  | 0.008% |
| 100 | 16.645 | 2416 | 2418 | 2421 | rBV3 | 1076   | 1227    | 0.06%  | 0.008% |

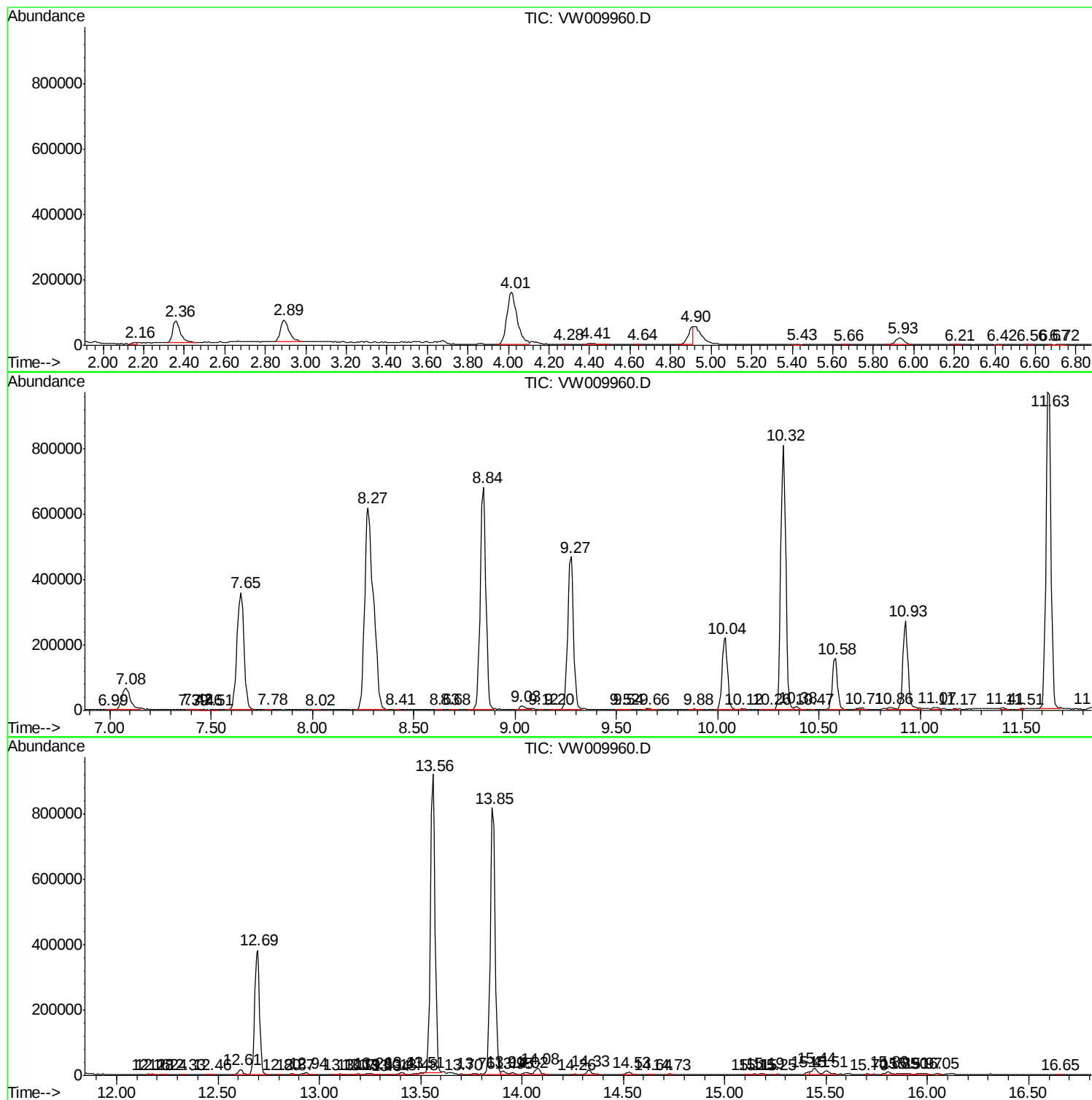
Sum of corrected areas: 14435603

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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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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        |