

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_W\DATA\VW080218\  
 Data File : VW004434.D  
 Acq On : 03 Aug 2018 07:57  
 Operator : SY/AP  
 Sample : J4299-01  
 Misc : 6.53G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 C0AD8

## 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\SOM2WLM080218S.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      | 1.660    | 10         | 12       | 17        | rBV4  | 654         | 1206       | 0.00%        | 0.002%     |
| 2      | 1.752    | 17         | 27       | 28        | rBV   | 29317       | 56723      | 0.17%        | 0.100%     |
| 3      | 1.813    | 28         | 37       | 83        | rVB   | 13193795    | 32743332   | 100.00%      | 57.533%    |
| 4      | 2.355    | 120        | 126      | 145       | rVB   | 204431      | 503343     | 1.54%        | 0.884%     |
| 5      | 2.892    | 207        | 214      | 228       | rBV   | 161011      | 449138     | 1.37%        | 0.789%     |
| 6      | 3.386    | 290        | 295      | 308       | rVB2  | 30437       | 79866      | 0.24%        | 0.140%     |
| 7      | 3.849    | 365        | 371      | 379       | rVB7  | 9942        | 27140      | 0.08%        | 0.048%     |
| 8      | 4.014    | 387        | 398      | 415       | rBV   | 352235      | 1158475    | 3.54%        | 2.036%     |
| 9      | 4.404    | 460        | 462      | 465       | rVB3  | 960         | 822        | 0.00%        | 0.001%     |
| 10     | 4.617    | 492        | 497      | 499       | rBV3  | 2496        | 4039       | 0.01%        | 0.007%     |
| 11     | 4.745    | 514        | 518      | 519       | rBV3  | 1054        | 1007       | 0.00%        | 0.002%     |
| 12     | 4.764    | 519        | 521      | 522       | rVV2  | 1127        | 724        | 0.00%        | 0.001%     |
| 13     | 4.776    | 522        | 523      | 529       | rVB3  | 1005        | 1297       | 0.00%        | 0.002%     |
| 14     | 4.916    | 534        | 546      | 571       | rBV5  | 40022       | 203731     | 0.62%        | 0.358%     |
| 15     | 5.196    | 585        | 592      | 593       | rBV3  | 1056        | 2037       | 0.01%        | 0.004%     |
| 16     | 5.416    | 621        | 628      | 630       | rBV7  | 4652        | 8121       | 0.02%        | 0.014%     |
| 17     | 5.556    | 649        | 651      | 654       | rBV3  | 648         | 877        | 0.00%        | 0.002%     |
| 18     | 5.635    | 661        | 664      | 666       | rBV3  | 787         | 903        | 0.00%        | 0.002%     |
| 19     | 5.751    | 674        | 683      | 685       | rBV6  | 2093        | 4924       | 0.02%        | 0.009%     |
| 20     | 5.940    | 704        | 714      | 722       | rVV5  | 14068       | 41387      | 0.13%        | 0.073%     |
| 21     | 6.111    | 734        | 742      | 744       | rBV6  | 2110        | 3937       | 0.01%        | 0.007%     |
| 22     | 6.215    | 752        | 759      | 768       | rBV7  | 5451        | 15937      | 0.05%        | 0.028%     |
| 23     | 6.404    | 789        | 790      | 791       | rBV   | 1396        | 897        | 0.00%        | 0.002%     |
| 24     | 6.532    | 808        | 811      | 814       | rBV5  | 872         | 1534       | 0.00%        | 0.003%     |
| 25     | 6.702    | 835        | 839      | 840       | rBV3  | 630         | 754        | 0.00%        | 0.001%     |
| 26     | 6.727    | 840        | 843      | 846       | rBV4  | 1423        | 1780       | 0.01%        | 0.003%     |
| 27     | 6.769    | 848        | 850      | 853       | rVB3  | 1186        | 1296       | 0.00%        | 0.002%     |
| 28     | 6.873    | 863        | 867      | 870       | rBV5  | 1749        | 2360       | 0.01%        | 0.004%     |
| 29     | 6.922    | 872        | 875      | 876       | rBV3  | 965         | 997        | 0.00%        | 0.002%     |
| 30     | 6.983    | 880        | 885      | 893       | rVB7  | 5100        | 14057      | 0.04%        | 0.025%     |
| 31     | 7.098    | 895        | 904      | 910       | rBV2  | 59088       | 182651     | 0.56%        | 0.321%     |
| 32     | 7.550    | 974        | 978      | 983       | rVB6  | 1491        | 2489       | 0.01%        | 0.004%     |
| 33     | 7.653    | 983        | 995      | 1011      | rBV   | 567917      | 1401529    | 4.28%        | 2.463%     |
| 34     | 7.861    | 1025       | 1029     | 1030      | rBV3  | 2605        | 3204       | 0.01%        | 0.006%     |

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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\SOM2WLM080218S.M  
 Title : VOC Analysis

|    |        |      |      |      |       |         |         |       |        |
|----|--------|------|------|------|-------|---------|---------|-------|--------|
| 35 | 7.879  | 1030 | 1032 | 1035 | rVB3  | 2564    | 2311    | 0.01% | 0.004% |
| 36 | 7.940  | 1035 | 1042 | 1044 | rBV7  | 2580    | 6036    | 0.02% | 0.011% |
| 37 | 8.031  | 1052 | 1057 | 1064 | rBV9  | 2436    | 5486    | 0.02% | 0.010% |
| 38 | 8.159  | 1071 | 1078 | 1084 | rBV5  | 4001    | 9407    | 0.03% | 0.017% |
| 39 | 8.281  | 1086 | 1098 | 1114 | rBV2  | 1101295 | 3258349 | 9.95% | 5.725% |
| 40 | 8.409  | 1117 | 1119 | 1120 | rBV2  | 1820    | 1391    | 0.00% | 0.002% |
| 41 | 8.476  | 1128 | 1130 | 1143 | rVB5  | 5318    | 13727   | 0.04% | 0.024% |
| 42 | 8.580  | 1143 | 1147 | 1149 | rBV5  | 1246    | 1977    | 0.01% | 0.003% |
| 43 | 8.696  | 1159 | 1166 | 1181 | rVB8  | 6272    | 16022   | 0.05% | 0.028% |
| 44 | 8.848  | 1181 | 1191 | 1207 | rBV   | 999915  | 1959660 | 5.98% | 3.443% |
| 45 | 9.092  | 1223 | 1231 | 1244 | rVB   | 609494  | 1213603 | 3.71% | 2.132% |
| 46 | 9.281  | 1252 | 1262 | 1277 | rBV   | 753028  | 1556090 | 4.75% | 2.734% |
| 47 | 9.519  | 1299 | 1301 | 1311 | rVB10 | 2029    | 5046    | 0.02% | 0.009% |
| 48 | 9.671  | 1323 | 1326 | 1328 | rBV4  | 1591    | 1979    | 0.01% | 0.003% |
| 49 | 9.763  | 1337 | 1341 | 1345 | rVB7  | 2804    | 4609    | 0.01% | 0.008% |
| 50 | 9.903  | 1359 | 1364 | 1369 | rVB6  | 3263    | 6187    | 0.02% | 0.011% |
| 51 | 9.970  | 1369 | 1375 | 1376 | rBV5  | 1291    | 2485    | 0.01% | 0.004% |
| 52 | 9.988  | 1376 | 1378 | 1379 | rBV   | 1676    | 1230    | 0.00% | 0.002% |
| 53 | 10.037 | 1379 | 1386 | 1394 | rVV   | 294020  | 532726  | 1.63% | 0.936% |
| 54 | 10.202 | 1411 | 1413 | 1416 | rVB3  | 944     | 808     | 0.00% | 0.001% |
| 55 | 10.256 | 1420 | 1422 | 1426 | rVB5  | 1068    | 807     | 0.00% | 0.001% |
| 56 | 10.330 | 1426 | 1434 | 1440 | rBV   | 1418067 | 2479270 | 7.57% | 4.356% |
| 57 | 10.391 | 1440 | 1444 | 1456 | rVB   | 97385   | 174337  | 0.53% | 0.306% |
| 58 | 10.580 | 1469 | 1475 | 1482 | rBV   | 209101  | 364057  | 1.11% | 0.640% |
| 59 | 10.714 | 1493 | 1497 | 1501 | rVB2  | 4943    | 7094    | 0.02% | 0.012% |
| 60 | 10.769 | 1504 | 1506 | 1509 | rVV4  | 1281    | 1077    | 0.00% | 0.002% |
| 61 | 10.866 | 1514 | 1522 | 1527 | rBV   | 145460  | 259190  | 0.79% | 0.455% |
| 62 | 10.933 | 1527 | 1533 | 1547 | rVB   | 260964  | 505484  | 1.54% | 0.888% |
| 63 | 11.067 | 1553 | 1555 | 1558 | rVB4  | 2235    | 2026    | 0.01% | 0.004% |
| 64 | 11.183 | 1571 | 1574 | 1579 | rVB7  | 3346    | 5796    | 0.02% | 0.010% |
| 65 | 11.342 | 1597 | 1600 | 1604 | rBV4  | 1713    | 2825    | 0.01% | 0.005% |
| 66 | 11.409 | 1606 | 1611 | 1619 | rVB5  | 4832    | 9120    | 0.03% | 0.016% |
| 67 | 11.518 | 1625 | 1629 | 1632 | rBV5  | 1124    | 1394    | 0.00% | 0.002% |
| 68 | 11.634 | 1638 | 1648 | 1658 | rBV   | 1475169 | 2467510 | 7.54% | 4.336% |
| 69 | 11.738 | 1661 | 1665 | 1672 | rVV2  | 12567   | 22820   | 0.07% | 0.040% |
| 70 | 11.842 | 1672 | 1682 | 1691 | rVV2  | 36080   | 69253   | 0.21% | 0.122% |
| 71 | 12.171 | 1731 | 1736 | 1743 | rVB3  | 11642   | 23544   | 0.07% | 0.041% |

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## Integration Parameters: LSCINT.P

Integrator: RTE  
 Smoothing : OFF  
 Sampling : 1  
 Start Thrs: 0.2  
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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\SOM2WLM080218S.M  
 Title : VOC Analysis

|     |        |      |      |      |      |         |         |       |        |
|-----|--------|------|------|------|------|---------|---------|-------|--------|
| 72  | 12.323 | 1760 | 1761 | 1764 | rBV3 | 830     | 800     | 0.00% | 0.001% |
| 73  | 12.384 | 1769 | 1771 | 1774 | rBV4 | 912     | 1128    | 0.00% | 0.002% |
| 74  | 12.433 | 1777 | 1779 | 1782 | rVB4 | 1208    | 1223    | 0.00% | 0.002% |
| 75  | 12.476 | 1782 | 1786 | 1788 | rBV5 | 1226    | 1426    | 0.00% | 0.003% |
| 76  | 12.567 | 1795 | 1801 | 1805 | rBV5 | 4849    | 10329   | 0.03% | 0.018% |
| 77  | 12.616 | 1805 | 1809 | 1814 | rVB2 | 8925    | 14524   | 0.04% | 0.026% |
| 78  | 12.701 | 1814 | 1823 | 1832 | rBV  | 586602  | 979542  | 2.99% | 1.721% |
| 79  | 12.774 | 1834 | 1835 | 1838 | rVB3 | 1534    | 981     | 0.00% | 0.002% |
| 80  | 12.878 | 1845 | 1852 | 1855 | rBV3 | 4575    | 9141    | 0.03% | 0.016% |
| 81  | 12.976 | 1859 | 1868 | 1874 | rBV  | 46729   | 80232   | 0.25% | 0.141% |
| 82  | 13.036 | 1876 | 1878 | 1882 | rVB4 | 1355    | 1973    | 0.01% | 0.003% |
| 83  | 13.091 | 1882 | 1887 | 1888 | rBV4 | 1637    | 2169    | 0.01% | 0.004% |
| 84  | 13.195 | 1902 | 1904 | 1908 | rVV3 | 2007    | 2259    | 0.01% | 0.004% |
| 85  | 13.256 | 1910 | 1914 | 1920 | rVB5 | 6730    | 11474   | 0.04% | 0.020% |
| 86  | 13.317 | 1920 | 1924 | 1927 | rVB3 | 2227    | 3148    | 0.01% | 0.006% |
| 87  | 13.384 | 1930 | 1935 | 1939 | rBV3 | 5574    | 10204   | 0.03% | 0.018% |
| 88  | 13.457 | 1944 | 1947 | 1950 | rBV5 | 843     | 1423    | 0.00% | 0.003% |
| 89  | 13.567 | 1954 | 1965 | 1977 | rBV  | 1196062 | 1899234 | 5.80% | 3.337% |
| 90  | 13.762 | 1994 | 1997 | 2002 | rBV5 | 3142    | 5643    | 0.02% | 0.010% |
| 91  | 13.805 | 2002 | 2004 | 2005 | rVB2 | 1633    | 908     | 0.00% | 0.002% |
| 92  | 13.859 | 2005 | 2013 | 2021 | rBV  | 1174689 | 1926416 | 5.88% | 3.385% |
| 93  | 14.085 | 2046 | 2050 | 2055 | rVB2 | 8467    | 15465   | 0.05% | 0.027% |
| 94  | 14.207 | 2066 | 2070 | 2071 | rBV3 | 2027    | 2718    | 0.01% | 0.005% |
| 95  | 14.463 | 2110 | 2112 | 2115 | rBV3 | 956     | 1065    | 0.00% | 0.002% |
| 96  | 14.530 | 2121 | 2123 | 2127 | rVB4 | 1294    | 1403    | 0.00% | 0.002% |
| 97  | 14.701 | 2148 | 2151 | 2152 | rBV3 | 1247    | 1401    | 0.00% | 0.002% |
| 98  | 15.298 | 2247 | 2249 | 2251 | rBV3 | 1153    | 1302    | 0.00% | 0.002% |
| 99  | 15.512 | 2280 | 2284 | 2288 | rBV5 | 3410    | 6072    | 0.02% | 0.011% |
| 100 | 16.450 | 2436 | 2438 | 2439 | rBV2 | 1494    | 925     | 0.00% | 0.002% |

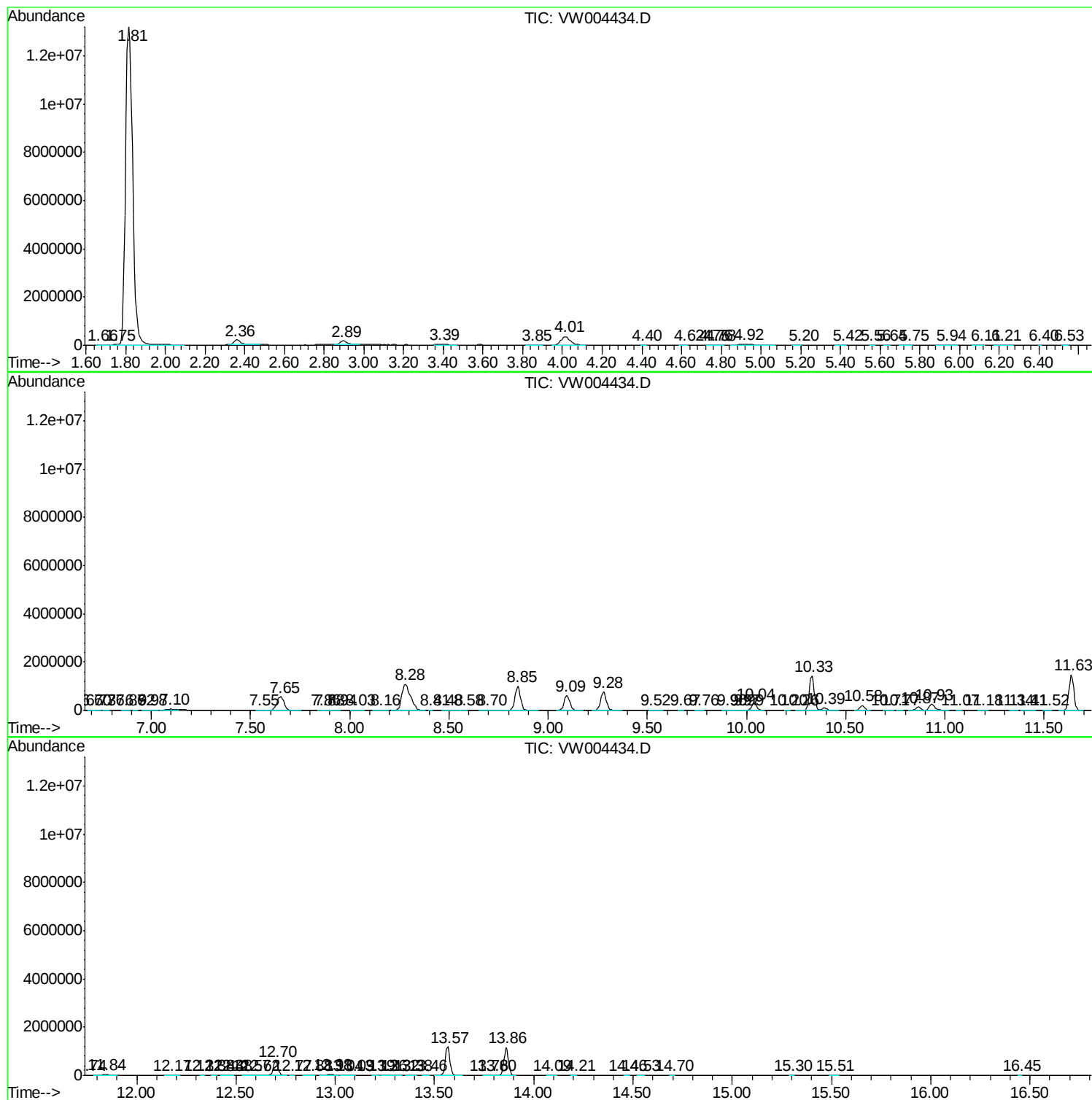
Sum of corrected areas: 56911775

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM080218S.M  
Quant Title : VOC Analysis

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_W\DATA\VW080218\  
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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        |