

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_V\DATA\VV100919\  
 Data File : VV013079.D  
 Acq On : 09 Oct 2019 17:02  
 Operator : SY/MD  
 Sample : K5265-15  
 Misc : 4.75G/10ML/MSVOA\_V/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 DBAS6

## 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\_V\METHOD\SOM2VLM092319S.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         | 2.859       | 547           | 550         | 551          | rBV      | 831            | 430           | 0.17%           | 0.025%        |
| 2         | 2.994       | 590           | 592         | 594          | rBV      | 558            | 291           | 0.11%           | 0.017%        |
| 3         | 3.241       | 667           | 669         | 671          | rBV2     | 472            | 262           | 0.10%           | 0.015%        |
| 4         | 3.306       | 687           | 689         | 691          | rBV2     | 320            | 147           | 0.06%           | 0.009%        |
| 5         | 3.344       | 698           | 701         | 702          | rBV      | 610            | 357           | 0.14%           | 0.021%        |
| 6         | 3.466       | 737           | 739         | 740          | rBV      | 350            | 126           | 0.05%           | 0.007%        |
| 7         | 3.537       | 759           | 761         | 763          | rBV2     | 421            | 291           | 0.11%           | 0.017%        |
| 8         | 3.572       | 770           | 772         | 780          | rBV3     | 522            | 709           | 0.27%           | 0.041%        |
| 9         | 3.769       | 831           | 833         | 836          | rVB2     | 630            | 281           | 0.11%           | 0.016%        |
| 10        | 3.846       | 855           | 857         | 859          | rBV      | 425            | 207           | 0.08%           | 0.012%        |
| 11        | 3.955       | 879           | 891         | 911          | rBV2     | 7528           | 23208         | 8.97%           | 1.347%        |
| 12        | 4.299       | 996           | 998         | 999          | rBV      | 293            | 112           | 0.04%           | 0.007%        |
| 13        | 4.318       | 999           | 1004        | 1008         | rBV5     | 920            | 912           | 0.35%           | 0.053%        |
| 14        | 4.399       | 1015          | 1029        | 1049         | rBV3     | 45182          | 115643        | 44.72%          | 6.713%        |
| 15        | 4.588       | 1083          | 1088        | 1089         | rBV      | 904            | 633           | 0.24%           | 0.037%        |
| 16        | 4.630       | 1098          | 1101        | 1103         | rBV3     | 492            | 306           | 0.12%           | 0.018%        |
| 17        | 4.688       | 1114          | 1119        | 1122         | rBV3     | 508            | 495           | 0.19%           | 0.029%        |
| 18        | 4.711       | 1122          | 1126        | 1131         | rVB3     | 526            | 523           | 0.20%           | 0.030%        |
| 19        | 4.736       | 1131          | 1134        | 1136         | rBV      | 556            | 314           | 0.12%           | 0.018%        |
| 20        | 4.859       | 1170          | 1172        | 1177         | rVB      | 728            | 386           | 0.15%           | 0.022%        |
| 21        | 4.894       | 1180          | 1183        | 1185         | rBV2     | 402            | 254           | 0.10%           | 0.015%        |
| 22        | 4.955       | 1199          | 1202        | 1204         | rBV3     | 405            | 207           | 0.08%           | 0.012%        |
| 23        | 4.984       | 1208          | 1211        | 1214         | rBV2     | 503            | 341           | 0.13%           | 0.020%        |
| 24        | 5.003       | 1214          | 1217        | 1220         | rVB4     | 757            | 517           | 0.20%           | 0.030%        |
| 25        | 5.029       | 1220          | 1225        | 1227         | rBV2     | 527            | 469           | 0.18%           | 0.027%        |
| 26        | 5.097       | 1228          | 1246        | 1267         | rBV3     | 100502         | 258594        | 100.00%         | 15.011%       |
| 27        | 5.293       | 1305          | 1307        | 1309         | rBV      | 582            | 338           | 0.13%           | 0.020%        |
| 28        | 5.415       | 1343          | 1345        | 1349         | rBV      | 346            | 260           | 0.10%           | 0.015%        |
| 29        | 5.550       | 1384          | 1387        | 1393         | rBV3     | 874            | 883           | 0.34%           | 0.051%        |
| 30        | 5.601       | 1400          | 1403        | 1407         | rBV2     | 465            | 364           | 0.14%           | 0.021%        |
| 31        | 5.666       | 1408          | 1423        | 1443         | rBV      | 96967          | 202879        | 78.45%          | 11.777%       |
| 32        | 6.013       | 1528          | 1531        | 1533         | rBV2     | 424            | 156           | 0.06%           | 0.009%        |
| 33        | 6.026       | 1533          | 1535        | 1538         | rBV3     | 626            | 391           | 0.15%           | 0.023%        |
| 34        | 6.071       | 1546          | 1549        | 1550         | rBV      | 357            | 159           | 0.06%           | 0.009%        |

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 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM092319S.M  
 Title : VOC Analysis

|    |       |      |      |      |      |       |        |        |        |
|----|-------|------|------|------|------|-------|--------|--------|--------|
| 35 | 6.116 | 1550 | 1563 | 1584 | rBV  | 62105 | 132245 | 51.14% | 7.677% |
| 36 | 6.286 | 1614 | 1616 | 1619 | rBV3 | 403   | 232    | 0.09%  | 0.013% |
| 37 | 6.344 | 1630 | 1634 | 1638 | rBV3 | 516   | 334    | 0.13%  | 0.019% |
| 38 | 6.363 | 1638 | 1640 | 1644 | rVB2 | 608   | 379    | 0.15%  | 0.022% |
| 39 | 6.386 | 1645 | 1647 | 1648 | rBV  | 528   | 193    | 0.07%  | 0.011% |
| 40 | 6.441 | 1662 | 1664 | 1668 | rVB2 | 455   | 301    | 0.12%  | 0.017% |
| 41 | 6.463 | 1669 | 1671 | 1673 | rBV  | 283   | 102    | 0.04%  | 0.006% |
| 42 | 6.514 | 1684 | 1687 | 1688 | rBV  | 290   | 141    | 0.05%  | 0.008% |
| 43 | 6.534 | 1691 | 1693 | 1694 | rVB  | 97    | 27     | 0.01%  | 0.002% |
| 44 | 6.553 | 1694 | 1699 | 1701 | rBV4 | 935   | 736    | 0.28%  | 0.043% |
| 45 | 6.576 | 1705 | 1706 | 1707 | rBV4 | 250   | 68     | 0.03%  | 0.004% |
| 46 | 6.611 | 1713 | 1717 | 1718 | rBV2 | 366   | 222    | 0.09%  | 0.013% |
| 47 | 6.650 | 1728 | 1729 | 1730 | rBV2 | 327   | 87     | 0.03%  | 0.005% |
| 48 | 6.772 | 1765 | 1767 | 1770 | rVB2 | 350   | 141    | 0.05%  | 0.008% |
| 49 | 6.794 | 1770 | 1774 | 1777 | rBV  | 333   | 311    | 0.12%  | 0.018% |
| 50 | 6.817 | 1777 | 1781 | 1783 | rBV2 | 401   | 272    | 0.11%  | 0.016% |
| 51 | 6.855 | 1790 | 1793 | 1795 | rVB2 | 818   | 316    | 0.12%  | 0.018% |
| 52 | 6.871 | 1795 | 1798 | 1802 | rBV4 | 656   | 473    | 0.18%  | 0.027% |
| 53 | 6.913 | 1808 | 1811 | 1812 | rBV3 | 252   | 121    | 0.05%  | 0.007% |
| 54 | 6.923 | 1812 | 1814 | 1817 | rVV2 | 434   | 245    | 0.09%  | 0.014% |
| 55 | 6.961 | 1824 | 1826 | 1828 | rBV2 | 391   | 158    | 0.06%  | 0.009% |
| 56 | 6.984 | 1828 | 1833 | 1835 | rBV2 | 565   | 431    | 0.17%  | 0.025% |
| 57 | 7.029 | 1838 | 1847 | 1861 | rVV3 | 24364 | 46099  | 17.83% | 2.676% |
| 58 | 7.193 | 1896 | 1898 | 1900 | rBV2 | 510   | 280    | 0.11%  | 0.016% |
| 59 | 7.206 | 1900 | 1902 | 1904 | rBV  | 397   | 198    | 0.08%  | 0.011% |
| 60 | 7.312 | 1933 | 1935 | 1937 | rBV2 | 668   | 398    | 0.15%  | 0.023% |
| 61 | 7.360 | 1939 | 1950 | 1968 | rVV  | 94555 | 169917 | 65.71% | 9.863% |
| 62 | 7.614 | 2027 | 2029 | 2035 | rVB4 | 705   | 454    | 0.18%  | 0.026% |
| 63 | 7.666 | 2035 | 2045 | 2062 | rBV2 | 15149 | 30230  | 11.69% | 1.755% |
| 64 | 7.797 | 2083 | 2086 | 2087 | rBV2 | 388   | 246    | 0.10%  | 0.014% |
| 65 | 7.942 | 2129 | 2131 | 2132 | rBV2 | 540   | 222    | 0.09%  | 0.013% |
| 66 | 8.145 | 2185 | 2194 | 2203 | rBV4 | 13249 | 28941  | 11.19% | 1.680% |
| 67 | 8.530 | 2311 | 2314 | 2316 | rBV  | 794   | 522    | 0.20%  | 0.030% |
| 68 | 8.556 | 2320 | 2322 | 2325 | rBV  | 476   | 264    | 0.10%  | 0.015% |
| 69 | 8.614 | 2338 | 2340 | 2345 | rBV3 | 557   | 430    | 0.17%  | 0.025% |
| 70 | 8.649 | 2349 | 2351 | 2353 | rBV2 | 219   | 121    | 0.05%  | 0.007% |
| 71 | 8.665 | 2353 | 2356 | 2359 | rBV  | 746   | 509    | 0.20%  | 0.030% |

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## Integration Parameters: LSCINT.P

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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\_V\METHOD\SOM2VLM092319S.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |        |        |         |
|----|--------|------|------|------|------|--------|--------|--------|---------|
| 72 | 8.752  | 2381 | 2383 | 2386 | rBV2 | 543    | 247    | 0.10%  | 0.014%  |
| 73 | 8.894  | 2416 | 2427 | 2445 | rBV  | 150816 | 254716 | 98.50% | 14.786% |
| 74 | 9.051  | 2474 | 2476 | 2478 | rBV3 | 528    | 183    | 0.07%  | 0.011%  |
| 75 | 9.074  | 2478 | 2483 | 2487 | rVB5 | 1223   | 1228   | 0.47%  | 0.071%  |
| 76 | 9.100  | 2489 | 2491 | 2492 | rBV5 | 456    | 189    | 0.07%  | 0.011%  |
| 77 | 9.129  | 2498 | 2500 | 2503 | rVB3 | 395    | 244    | 0.09%  | 0.014%  |
| 78 | 9.151  | 2503 | 2507 | 2510 | rBV3 | 676    | 598    | 0.23%  | 0.035%  |
| 79 | 9.177  | 2512 | 2515 | 2519 | rVV2 | 1098   | 997    | 0.39%  | 0.058%  |
| 80 | 9.196  | 2519 | 2521 | 2529 | rVB5 | 697    | 812    | 0.31%  | 0.047%  |
| 81 | 9.273  | 2541 | 2545 | 2547 | rBV2 | 480    | 434    | 0.17%  | 0.025%  |
| 82 | 9.370  | 2571 | 2575 | 2578 | rBV2 | 388    | 396    | 0.15%  | 0.023%  |
| 83 | 9.437  | 2593 | 2596 | 2599 | rBV3 | 648    | 360    | 0.14%  | 0.021%  |
| 84 | 9.524  | 2621 | 2623 | 2628 | rBV2 | 568    | 543    | 0.21%  | 0.032%  |
| 85 | 9.592  | 2641 | 2644 | 2648 | rVB2 | 955    | 646    | 0.25%  | 0.037%  |
| 86 | 9.614  | 2649 | 2651 | 2654 | rBV  | 478    | 288    | 0.11%  | 0.017%  |
| 87 | 9.881  | 2729 | 2734 | 2739 | rBV3 | 1187   | 1196   | 0.46%  | 0.069%  |
| 88 | 9.964  | 2758 | 2760 | 2765 | rBV3 | 558    | 450    | 0.17%  | 0.026%  |
| 89 | 10.257 | 2841 | 2851 | 2866 | rVB  | 45892  | 72236  | 27.93% | 4.193%  |
| 90 | 10.411 | 2896 | 2899 | 2900 | rBV3 | 1595   | 830    | 0.32%  | 0.048%  |
| 91 | 11.016 | 3084 | 3087 | 3088 | rBV  | 600    | 267    | 0.10%  | 0.015%  |
| 92 | 11.215 | 3147 | 3149 | 3152 | rBV2 | 811    | 540    | 0.21%  | 0.031%  |
| 93 | 11.292 | 3163 | 3173 | 3190 | rBV  | 126306 | 207012 | 80.05% | 12.017% |
| 94 | 11.476 | 3226 | 3230 | 3231 | rBV2 | 722    | 490    | 0.19%  | 0.028%  |
| 95 | 11.669 | 3280 | 3290 | 3312 | rVB2 | 89953  | 150004 | 58.01% | 8.707%  |

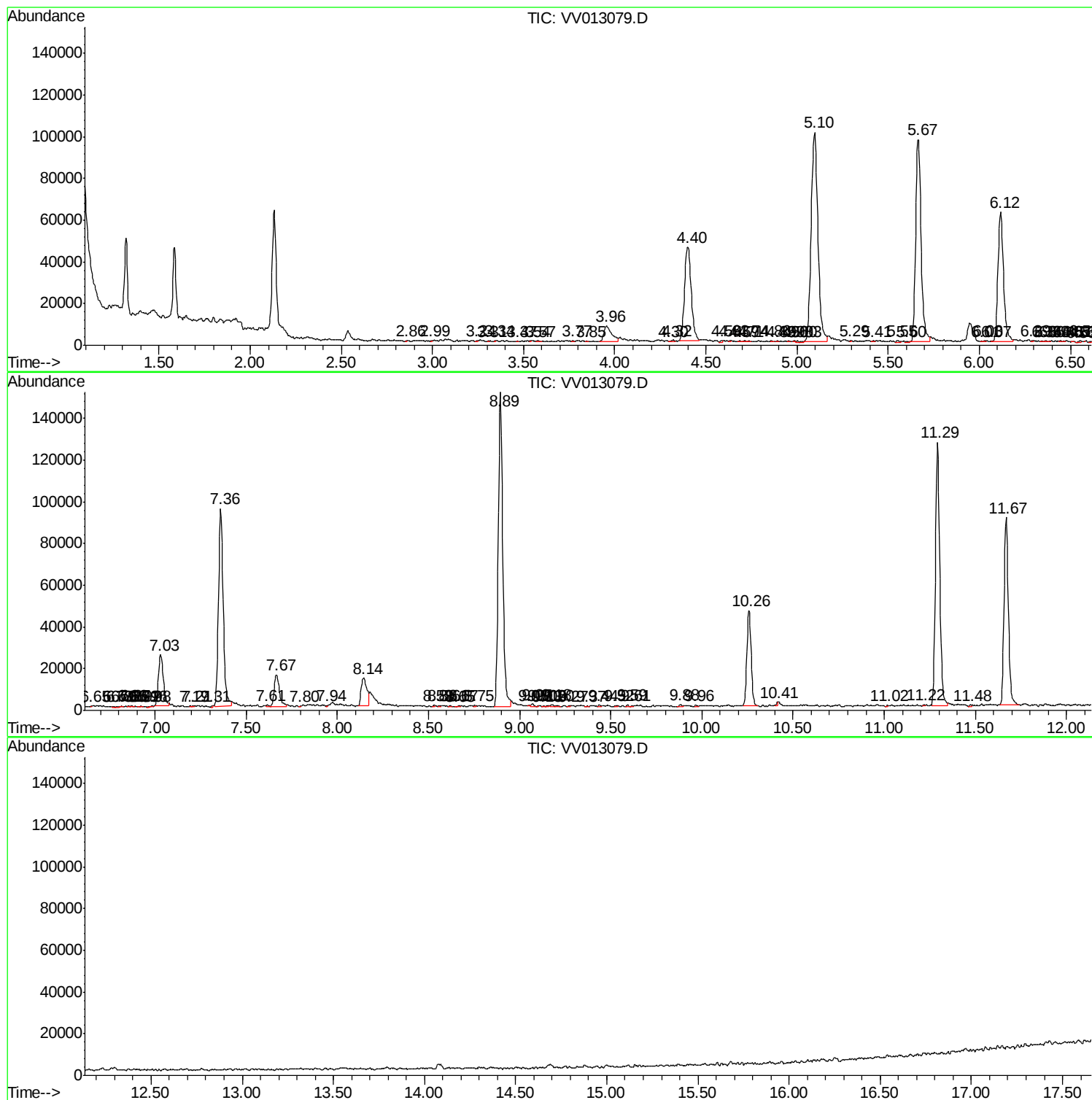
Sum of corrected areas: 1722717

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM092319S.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSV0A\_V\DATA\VV100919\  
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Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A\_V\METHOD\SOM2VLM092319S.M  
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TIC Library : C:\DATABASE\NIST11.L  
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No Library Search Compounds Detected

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TIC Library : C:\DATABASE\NIST11.L  
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| TIC Top Hit name | RT | EstConc | Units | Response | --Internal Standard-- |
|------------------|----|---------|-------|----------|-----------------------|
|                  |    |         |       |          | # RT Resp Conc        |