

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031019\  
 Data File : VV009574.D  
 Acq On : 10 Mar 2019 18:26  
 Operator : SY/MD  
 Sample : K1818-03  
 Misc : 5.48G/10ML/MSVOA V/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BF2K8

## 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\SOM2VLM030519S.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      | 1.315    | 65         | 70       | 79        | rVB   | 49292       | 51867      | 4.64%        | 1.110%     |
| 2      | 1.573    | 145        | 150      | 163       | rVB   | 96289       | 109137     | 9.76%        | 2.335%     |
| 3      | 2.126    | 313        | 322      | 333       | rVB   | 132341      | 186293     | 16.66%       | 3.986%     |
| 4      | 2.537    | 440        | 450      | 460       | rBV4  | 3405        | 6300       | 0.56%        | 0.135%     |
| 5      | 2.656    | 475        | 487      | 508       | rBV   | 10067       | 25990      | 2.32%        | 0.556%     |
| 6      | 2.910    | 563        | 566      | 568       | rBV   | 296         | 231        | 0.02%        | 0.005%     |
| 7      | 2.975    | 584        | 586      | 589       | rVB2  | 423         | 193        | 0.02%        | 0.004%     |
| 8      | 3.061    | 611        | 613      | 614       | rBV2  | 301         | 100        | 0.01%        | 0.002%     |
| 9      | 3.132    | 631        | 635      | 640       | rBV   | 318         | 289        | 0.03%        | 0.006%     |
| 10     | 3.184    | 648        | 651      | 653       | rBV   | 180         | 126        | 0.01%        | 0.003%     |
| 11     | 3.216    | 658        | 661      | 664       | rVB2  | 325         | 190        | 0.02%        | 0.004%     |
| 12     | 3.354    | 701        | 704      | 706       | rVB2  | 187         | 104        | 0.01%        | 0.002%     |
| 13     | 3.431    | 722        | 728      | 730       | rBV2  | 189         | 196        | 0.02%        | 0.004%     |
| 14     | 3.531    | 757        | 759      | 763       | rVB2  | 284         | 156        | 0.01%        | 0.003%     |
| 15     | 3.598    | 775        | 780      | 786       | rBV2  | 376         | 476        | 0.04%        | 0.010%     |
| 16     | 3.675    | 801        | 804      | 808       | rBV2  | 221         | 219        | 0.02%        | 0.005%     |
| 17     | 3.772    | 830        | 834      | 835       | rBV   | 269         | 179        | 0.02%        | 0.004%     |
| 18     | 3.827    | 848        | 851      | 853       | rBV2  | 158         | 113        | 0.01%        | 0.002%     |
| 19     | 3.971    | 876        | 896      | 898       | rBV2  | 20502       | 53788      | 4.81%        | 1.151%     |
| 20     | 4.312    | 1000       | 1002     | 1003      | rBV   | 274         | 91         | 0.01%        | 0.002%     |
| 21     | 4.399    | 1011       | 1029     | 1053      | rBV2  | 77348       | 194804     | 17.42%       | 4.168%     |
| 22     | 4.560    | 1078       | 1079     | 1080      | rBV2  | 253         | 88         | 0.01%        | 0.002%     |
| 23     | 4.692    | 1116       | 1120     | 1123      | rBV3  | 346         | 369        | 0.03%        | 0.008%     |
| 24     | 4.743    | 1134       | 1136     | 1138      | rBV3  | 334         | 180        | 0.02%        | 0.004%     |
| 25     | 4.862    | 1166       | 1173     | 1179      | rBV2  | 351         | 632        | 0.06%        | 0.014%     |
| 26     | 4.987    | 1209       | 1212     | 1214      | rBV2  | 201         | 138        | 0.01%        | 0.003%     |
| 27     | 5.097    | 1228       | 1246     | 1264      | rBV3  | 177151      | 450800     | 40.32%       | 9.646%     |
| 28     | 5.312    | 1308       | 1313     | 1316      | rBV2  | 439         | 418        | 0.04%        | 0.009%     |
| 29     | 5.415    | 1338       | 1345     | 1349      | rBV2  | 244         | 261        | 0.02%        | 0.006%     |
| 30     | 5.663    | 1408       | 1422     | 1451      | rBV   | 153513      | 312800     | 27.97%       | 6.693%     |
| 31     | 5.958    | 1508       | 1514     | 1515      | rBV4  | 1112        | 1125       | 0.10%        | 0.024%     |
| 32     | 6.010    | 1527       | 1530     | 1532      | rBV   | 238         | 160        | 0.01%        | 0.003%     |
| 33     | 6.116    | 1550       | 1563     | 1585      | rBV   | 104146      | 211722     | 18.93%       | 4.530%     |
| 34     | 6.347    | 1632       | 1635     | 1638      | rVB   | 258         | 126        | 0.01%        | 0.003%     |

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 Peak Location: TOP

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Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM030519S.M  
 Title : VOC Analysis

|    |       |      |      |      |      |        |         |         |         |
|----|-------|------|------|------|------|--------|---------|---------|---------|
| 35 | 6.367 | 1638 | 1641 | 1644 | rBV  | 273    | 242     | 0.02%   | 0.005%  |
| 36 | 6.418 | 1654 | 1657 | 1659 | rBV2 | 256    | 173     | 0.02%   | 0.004%  |
| 37 | 6.486 | 1675 | 1678 | 1680 | rBV  | 190    | 129     | 0.01%   | 0.003%  |
| 38 | 6.527 | 1688 | 1691 | 1692 | rBV  | 156    | 91      | 0.01%   | 0.002%  |
| 39 | 6.614 | 1714 | 1718 | 1721 | rBV  | 171    | 173     | 0.02%   | 0.004%  |
| 40 | 6.653 | 1728 | 1730 | 1733 | rBV2 | 252    | 147     | 0.01%   | 0.003%  |
| 41 | 6.685 | 1737 | 1740 | 1742 | rVB2 | 357    | 187     | 0.02%   | 0.004%  |
| 42 | 6.704 | 1742 | 1746 | 1747 | rBV2 | 723    | 484     | 0.04%   | 0.010%  |
| 43 | 6.820 | 1780 | 1782 | 1785 | rVB2 | 484    | 208     | 0.02%   | 0.004%  |
| 44 | 6.865 | 1793 | 1796 | 1798 | rBV2 | 219    | 153     | 0.01%   | 0.003%  |
| 45 | 6.936 | 1815 | 1818 | 1819 | rBV2 | 216    | 123     | 0.01%   | 0.003%  |
| 46 | 7.029 | 1836 | 1847 | 1865 | rBV  | 54956  | 99496   | 8.90%   | 2.129%  |
| 47 | 7.167 | 1885 | 1890 | 1892 | rBV  | 400    | 310     | 0.03%   | 0.007%  |
| 48 | 7.225 | 1905 | 1908 | 1911 | rBV  | 243    | 136     | 0.01%   | 0.003%  |
| 49 | 7.286 | 1922 | 1927 | 1930 | rBV3 | 814    | 912     | 0.08%   | 0.020%  |
| 50 | 7.360 | 1937 | 1950 | 1968 | rBV  | 209482 | 375580  | 33.59%  | 8.036%  |
| 51 | 7.666 | 2033 | 2045 | 2063 | rBV  | 35117  | 61361   | 5.49%   | 1.313%  |
| 52 | 7.778 | 2078 | 2080 | 2084 | rBV2 | 162    | 119     | 0.01%   | 0.003%  |
| 53 | 8.019 | 2136 | 2155 | 2179 | rBV  | 643084 | 1118170 | 100.00% | 23.925% |
| 54 | 8.135 | 2184 | 2191 | 2213 | rVB  | 61001  | 105289  | 9.42%   | 2.253%  |
| 55 | 8.331 | 2250 | 2252 | 2254 | rBV  | 333    | 147     | 0.01%   | 0.003%  |
| 56 | 8.408 | 2273 | 2276 | 2278 | rBV2 | 356    | 241     | 0.02%   | 0.005%  |
| 57 | 8.466 | 2289 | 2294 | 2299 | rBV3 | 1457   | 1560    | 0.14%   | 0.033%  |
| 58 | 8.560 | 2318 | 2323 | 2327 | rBV2 | 264    | 284     | 0.03%   | 0.006%  |
| 59 | 8.685 | 2359 | 2362 | 2367 | rBV2 | 256    | 190     | 0.02%   | 0.004%  |
| 60 | 8.727 | 2370 | 2375 | 2378 | rBV2 | 274    | 305     | 0.03%   | 0.007%  |
| 61 | 8.839 | 2405 | 2410 | 2412 | rBV  | 263    | 245     | 0.02%   | 0.005%  |
| 62 | 8.897 | 2416 | 2428 | 2451 | rBV  | 231321 | 392968  | 35.14%  | 8.408%  |
| 63 | 9.032 | 2467 | 2470 | 2474 | rBV2 | 197    | 193     | 0.02%   | 0.004%  |
| 64 | 9.100 | 2488 | 2491 | 2494 | rBV2 | 356    | 239     | 0.02%   | 0.005%  |
| 65 | 9.180 | 2512 | 2516 | 2526 | rVB2 | 515    | 666     | 0.06%   | 0.014%  |
| 66 | 9.232 | 2529 | 2532 | 2536 | rBV  | 132    | 125     | 0.01%   | 0.003%  |
| 67 | 9.344 | 2563 | 2567 | 2570 | rBV2 | 315    | 308     | 0.03%   | 0.007%  |
| 68 | 9.553 | 2629 | 2632 | 2634 | rBV2 | 230    | 140     | 0.01%   | 0.003%  |
| 69 | 9.617 | 2650 | 2652 | 2656 | rVB2 | 470    | 272     | 0.02%   | 0.006%  |
| 70 | 9.643 | 2656 | 2660 | 2663 | rBV  | 249    | 238     | 0.02%   | 0.005%  |
| 71 | 9.730 | 2684 | 2687 | 2691 | rVB2 | 294    | 220     | 0.02%   | 0.005%  |

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

Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM030519S.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |        |        |        |
|-----|--------|------|------|------|------|--------|--------|--------|--------|
| 72  | 9.862  | 2725 | 2728 | 2732 | rVB2 | 449    | 297    | 0.03%  | 0.006% |
| 73  | 9.891  | 2732 | 2737 | 2740 | rBV2 | 242    | 238    | 0.02%  | 0.005% |
| 74  | 9.958  | 2756 | 2758 | 2761 | rVB  | 198    | 88     | 0.01%  | 0.002% |
| 75  | 10.090 | 2796 | 2799 | 2801 | rBV  | 282    | 113    | 0.01%  | 0.002% |
| 76  | 10.260 | 2841 | 2852 | 2871 | rVB  | 101771 | 162708 | 14.55% | 3.481% |
| 77  | 10.428 | 2893 | 2904 | 2915 | rBV3 | 12410  | 19394  | 1.73%  | 0.415% |
| 78  | 10.576 | 2945 | 2950 | 2954 | rBV2 | 290    | 295    | 0.03%  | 0.006% |
| 79  | 10.624 | 2964 | 2965 | 2971 | rVB  | 245    | 110    | 0.01%  | 0.002% |
| 80  | 10.653 | 2971 | 2974 | 2978 | rBV  | 307    | 248    | 0.02%  | 0.005% |
| 81  | 10.727 | 2994 | 2997 | 2999 | rBV2 | 244    | 150    | 0.01%  | 0.003% |
| 82  | 10.910 | 3050 | 3054 | 3056 | rBV  | 257    | 194    | 0.02%  | 0.004% |
| 83  | 11.064 | 3100 | 3102 | 3103 | rBV  | 325    | 87     | 0.01%  | 0.002% |
| 84  | 11.196 | 3136 | 3143 | 3148 | rBV4 | 955    | 1159   | 0.10%  | 0.025% |
| 85  | 11.296 | 3162 | 3174 | 3193 | rBV  | 221009 | 360875 | 32.27% | 7.722% |
| 86  | 11.421 | 3210 | 3213 | 3214 | rBV  | 399    | 240    | 0.02%  | 0.005% |
| 87  | 11.434 | 3214 | 3217 | 3221 | rVB2 | 472    | 354    | 0.03%  | 0.008% |
| 88  | 11.527 | 3243 | 3246 | 3249 | rVB  | 402    | 176    | 0.02%  | 0.004% |
| 89  | 11.550 | 3249 | 3253 | 3254 | rBV2 | 184    | 139    | 0.01%  | 0.003% |
| 90  | 11.672 | 3279 | 3291 | 3311 | rBV  | 208778 | 342302 | 30.61% | 7.324% |
| 91  | 11.739 | 3311 | 3312 | 3314 | rBV  | 297    | 95     | 0.01%  | 0.002% |
| 92  | 11.823 | 3335 | 3338 | 3340 | rBV  | 462    | 276    | 0.02%  | 0.006% |
| 93  | 11.945 | 3374 | 3376 | 3386 | rBV2 | 320    | 313    | 0.03%  | 0.007% |
| 94  | 12.302 | 3477 | 3487 | 3496 | rBV  | 3530   | 6363   | 0.57%  | 0.136% |
| 95  | 13.299 | 3793 | 3797 | 3799 | rBV2 | 280    | 198    | 0.02%  | 0.004% |
| 96  | 13.376 | 3818 | 3821 | 3823 | rBV  | 205    | 130    | 0.01%  | 0.003% |
| 97  | 13.444 | 3839 | 3842 | 3846 | rBV  | 412    | 301    | 0.03%  | 0.006% |
| 98  | 13.733 | 3929 | 3932 | 3934 | rBV  | 311    | 238    | 0.02%  | 0.005% |
| 99  | 13.797 | 3945 | 3952 | 3961 | rVB3 | 3553   | 4868   | 0.44%  | 0.104% |
| 100 | 14.929 | 4302 | 4304 | 4309 | rBV  | 413    | 148    | 0.01%  | 0.003% |

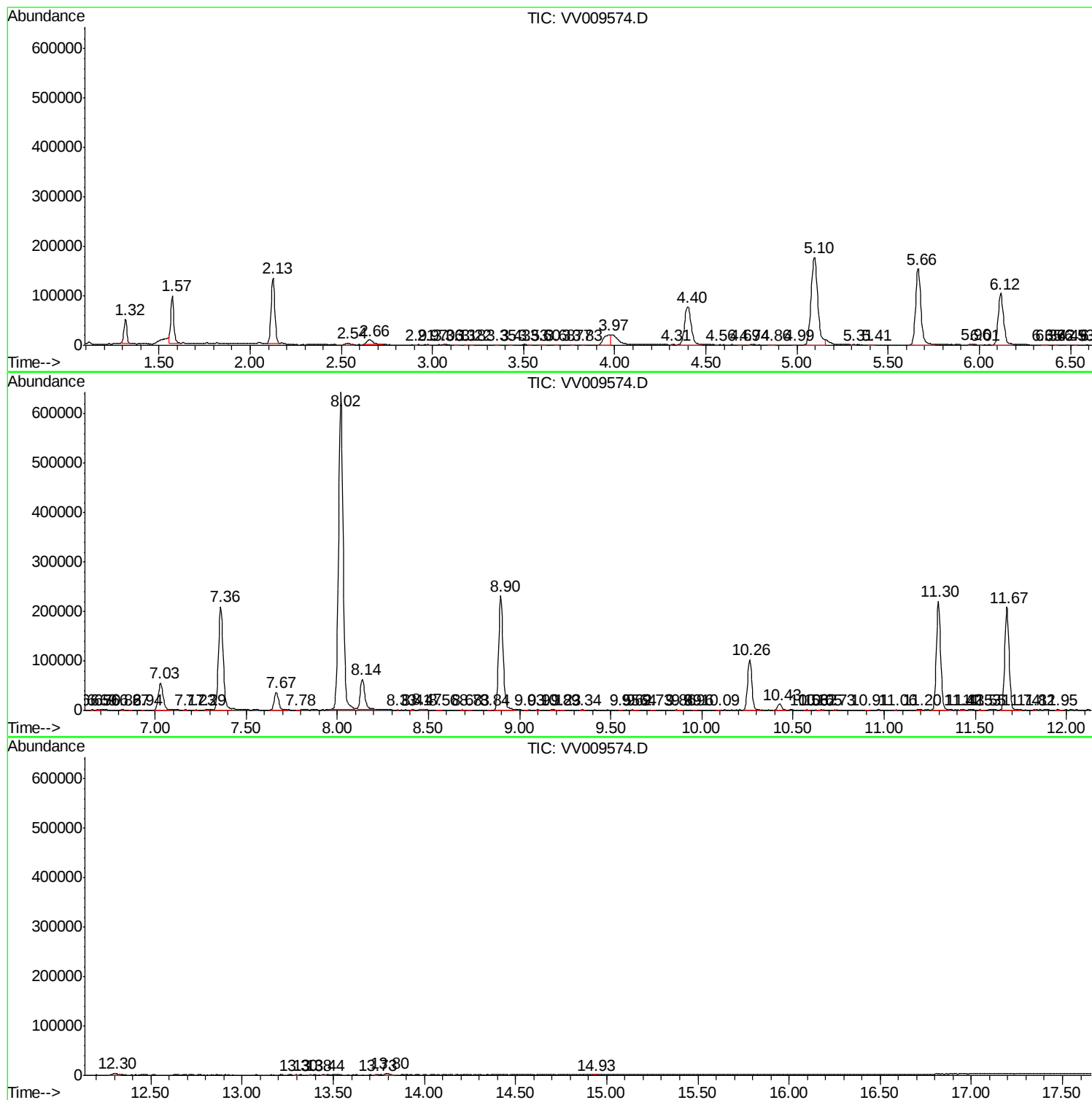
Sum of corrected areas: 4673582

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM030519S.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_V\DATA\VV031019\  
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM030519S.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 Top Hit name | RT | EstConc | Units | Response | --Internal Standard-- |
|------------------|----|---------|-------|----------|-----------------------|
|                  |    |         |       |          | # RT Resp Conc        |