

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052019\  
 Data File : VV011004.D  
 Acq On : 21 May 2019 16:43  
 Operator : SY/MD  
 Sample : K2948-14  
 Misc : 4.95G/10ML/MSVOA V/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BFH93

## 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\SOM2VLM052019S.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    | 66         | 70       | 82        | rVB   | 41409       | 39479      | 10.00%       | 1.411%     |
| 2      | 1.566    | 142        | 148      | 156       | rVB   | 30277       | 32927      | 8.34%        | 1.177%     |
| 3      | 2.122    | 311        | 321      | 333       | rBV   | 70457       | 98919      | 25.05%       | 3.536%     |
| 4      | 2.261    | 361        | 364      | 367       | rBV5  | 393         | 359        | 0.09%        | 0.013%     |
| 5      | 2.370    | 394        | 398      | 400       | rBV   | 325         | 268        | 0.07%        | 0.010%     |
| 6      | 2.531    | 441        | 448      | 457       | rVB2  | 2403        | 3273       | 0.83%        | 0.117%     |
| 7      | 2.605    | 468        | 471      | 474       | rBV2  | 249         | 162        | 0.04%        | 0.006%     |
| 8      | 2.701    | 499        | 501      | 503       | rBV2  | 183         | 104        | 0.03%        | 0.004%     |
| 9      | 2.775    | 522        | 524      | 525       | rBV   | 139         | 34         | 0.01%        | 0.001%     |
| 10     | 3.068    | 606        | 615      | 622       | rVB4  | 2328        | 4238       | 1.07%        | 0.151%     |
| 11     | 3.116    | 627        | 630      | 633       | rBV2  | 196         | 166        | 0.04%        | 0.006%     |
| 12     | 3.203    | 653        | 657      | 660       | rBV   | 164         | 167        | 0.04%        | 0.006%     |
| 13     | 3.412    | 719        | 722      | 724       | rBV2  | 235         | 188        | 0.05%        | 0.007%     |
| 14     | 3.569    | 768        | 771      | 773       | rBV2  | 260         | 168        | 0.04%        | 0.006%     |
| 15     | 3.714    | 814        | 816      | 818       | rBV   | 205         | 137        | 0.03%        | 0.005%     |
| 16     | 3.807    | 841        | 845      | 846       | rBV2  | 292         | 181        | 0.05%        | 0.006%     |
| 17     | 3.936    | 874        | 885      | 906       | rBV2  | 16313       | 41600      | 10.53%       | 1.487%     |
| 18     | 4.309    | 998        | 1001     | 1004      | rBV2  | 182         | 161        | 0.04%        | 0.006%     |
| 19     | 4.399    | 1008       | 1029     | 1056      | rBV4  | 56954       | 172934     | 43.79%       | 6.182%     |
| 20     | 4.685    | 1116       | 1118     | 1120      | rBV   | 142         | 97         | 0.02%        | 0.003%     |
| 21     | 4.746    | 1134       | 1137     | 1141      | rBV2  | 179         | 103        | 0.03%        | 0.004%     |
| 22     | 4.875    | 1174       | 1177     | 1179      | rBV   | 179         | 127        | 0.03%        | 0.005%     |
| 23     | 4.894    | 1181       | 1183     | 1184      | rBV   | 90          | 31         | 0.01%        | 0.001%     |
| 24     | 4.978    | 1206       | 1209     | 1211      | rBV2  | 156         | 108        | 0.03%        | 0.004%     |
| 25     | 5.000    | 1214       | 1216     | 1219      | rBV   | 199         | 154        | 0.04%        | 0.006%     |
| 26     | 5.090    | 1227       | 1244     | 1267      | rBV2  | 158233      | 394910     | 100.00%      | 14.116%    |
| 27     | 5.312    | 1311       | 1313     | 1316      | rBV   | 135         | 60         | 0.02%        | 0.002%     |
| 28     | 5.344    | 1321       | 1323     | 1330      | rVB2  | 284         | 279        | 0.07%        | 0.010%     |
| 29     | 5.376    | 1331       | 1333     | 1336      | rVB   | 138         | 39         | 0.01%        | 0.001%     |
| 30     | 5.392    | 1336       | 1338     | 1341      | rBV   | 140         | 109        | 0.03%        | 0.004%     |
| 31     | 5.434    | 1348       | 1351     | 1353      | rBV2  | 131         | 77         | 0.02%        | 0.003%     |
| 32     | 5.450    | 1353       | 1356     | 1358      | rVB   | 146         | 99         | 0.03%        | 0.004%     |
| 33     | 5.473    | 1358       | 1363     | 1368      | rBV2  | 197         | 232        | 0.06%        | 0.008%     |
| 34     | 5.502    | 1369       | 1372     | 1374      | rBV2  | 185         | 130        | 0.03%        | 0.005%     |

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 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM052019S.M  
 Title : VOC Analysis

|    |       |      |      |      |      |        |        |        |         |
|----|-------|------|------|------|------|--------|--------|--------|---------|
| 35 | 5.544 | 1382 | 1385 | 1386 | rBV  | 74     | 39     | 0.01%  | 0.001%  |
| 36 | 5.563 | 1389 | 1391 | 1396 | rVB  | 215    | 211    | 0.05%  | 0.008%  |
| 37 | 5.614 | 1401 | 1407 | 1408 | rBV  | 234    | 259    | 0.07%  | 0.009%  |
| 38 | 5.662 | 1408 | 1422 | 1437 | rBV  | 126453 | 253347 | 64.15% | 9.056%  |
| 39 | 5.894 | 1492 | 1494 | 1496 | rBV  | 129    | 88     | 0.02%  | 0.003%  |
| 40 | 5.942 | 1500 | 1509 | 1520 | rVB6 | 2739   | 5459   | 1.38%  | 0.195%  |
| 41 | 5.987 | 1520 | 1523 | 1525 | rBV  | 141    | 101    | 0.03%  | 0.004%  |
| 42 | 6.003 | 1525 | 1528 | 1530 | rBV3 | 347    | 158    | 0.04%  | 0.006%  |
| 43 | 6.023 | 1530 | 1534 | 1536 | rBV2 | 487    | 359    | 0.09%  | 0.013%  |
| 44 | 6.061 | 1543 | 1546 | 1548 | rBV2 | 205    | 131    | 0.03%  | 0.005%  |
| 45 | 6.116 | 1550 | 1563 | 1581 | rBV  | 95991  | 193110 | 48.90% | 6.903%  |
| 46 | 6.299 | 1618 | 1620 | 1622 | rBV  | 181    | 123    | 0.03%  | 0.004%  |
| 47 | 6.370 | 1639 | 1642 | 1644 | rBV2 | 164    | 108    | 0.03%  | 0.004%  |
| 48 | 6.428 | 1657 | 1660 | 1663 | rBV  | 172    | 129    | 0.03%  | 0.005%  |
| 49 | 6.444 | 1663 | 1665 | 1667 | rBV2 | 151    | 96     | 0.02%  | 0.003%  |
| 50 | 6.460 | 1668 | 1670 | 1671 | rVV  | 196    | 51     | 0.01%  | 0.002%  |
| 51 | 6.511 | 1677 | 1686 | 1691 | rBV2 | 248    | 550    | 0.14%  | 0.020%  |
| 52 | 6.566 | 1699 | 1703 | 1705 | rBV2 | 218    | 227    | 0.06%  | 0.008%  |
| 53 | 6.640 | 1724 | 1726 | 1730 | rVB  | 187    | 143    | 0.04%  | 0.005%  |
| 54 | 6.659 | 1730 | 1732 | 1737 | rBV2 | 284    | 280    | 0.07%  | 0.010%  |
| 55 | 6.695 | 1740 | 1743 | 1747 | rBV3 | 356    | 375    | 0.09%  | 0.013%  |
| 56 | 6.794 | 1772 | 1774 | 1778 | rVB2 | 267    | 166    | 0.04%  | 0.006%  |
| 57 | 6.823 | 1778 | 1783 | 1784 | rBV  | 84     | 67     | 0.02%  | 0.002%  |
| 58 | 6.839 | 1784 | 1788 | 1790 | rBV2 | 171    | 140    | 0.04%  | 0.005%  |
| 59 | 6.871 | 1796 | 1798 | 1801 | rBV  | 167    | 134    | 0.03%  | 0.005%  |
| 60 | 6.923 | 1810 | 1814 | 1816 | rBV  | 192    | 76     | 0.02%  | 0.003%  |
| 61 | 6.939 | 1817 | 1819 | 1821 | rBV2 | 156    | 87     | 0.02%  | 0.003%  |
| 62 | 6.974 | 1826 | 1830 | 1833 | rBV  | 163    | 135    | 0.03%  | 0.005%  |
| 63 | 7.029 | 1834 | 1847 | 1859 | rBV  | 44287  | 76596  | 19.40% | 2.738%  |
| 64 | 7.180 | 1890 | 1894 | 1899 | rBV2 | 311    | 273    | 0.07%  | 0.010%  |
| 65 | 7.251 | 1913 | 1916 | 1918 | rBV  | 218    | 169    | 0.04%  | 0.006%  |
| 66 | 7.357 | 1936 | 1949 | 1979 | rBV  | 172834 | 307739 | 77.93% | 11.000% |
| 67 | 7.534 | 2003 | 2004 | 2006 | rBV2 | 132    | 56     | 0.01%  | 0.002%  |
| 68 | 7.566 | 2011 | 2014 | 2015 | rBV2 | 442    | 214    | 0.05%  | 0.008%  |
| 69 | 7.588 | 2019 | 2021 | 2023 | rBV  | 132    | 74     | 0.02%  | 0.003%  |
| 70 | 7.662 | 2035 | 2044 | 2061 | rBV  | 28549  | 45694  | 11.57% | 1.633%  |
| 71 | 7.804 | 2086 | 2088 | 2089 | rBV  | 105    | 47     | 0.01%  | 0.002%  |

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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\SOM2VLM052019S.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |        |        |         |
|-----|--------|------|------|------|------|--------|--------|--------|---------|
| 72  | 7.884  | 2108 | 2113 | 2115 | rBV2 | 240    | 216    | 0.05%  | 0.008%  |
| 73  | 7.907  | 2118 | 2120 | 2122 | rBV  | 262    | 111    | 0.03%  | 0.004%  |
| 74  | 8.132  | 2179 | 2190 | 2208 | rBV  | 59978  | 102963 | 26.07% | 3.680%  |
| 75  | 8.363  | 2259 | 2262 | 2263 | rBV  | 296    | 139    | 0.04%  | 0.005%  |
| 76  | 8.447  | 2286 | 2288 | 2292 | rBV2 | 289    | 193    | 0.05%  | 0.007%  |
| 77  | 8.476  | 2295 | 2297 | 2298 | rBV  | 177    | 79     | 0.02%  | 0.003%  |
| 78  | 8.508  | 2303 | 2307 | 2310 | rBV2 | 385    | 376    | 0.10%  | 0.013%  |
| 79  | 8.563  | 2321 | 2324 | 2326 | rBV  | 203    | 167    | 0.04%  | 0.006%  |
| 80  | 8.775  | 2388 | 2390 | 2392 | rBV  | 307    | 114    | 0.03%  | 0.004%  |
| 81  | 8.785  | 2392 | 2393 | 2395 | rVV  | 224    | 75     | 0.02%  | 0.003%  |
| 82  | 8.894  | 2415 | 2427 | 2453 | rBV  | 200430 | 330652 | 83.73% | 11.819% |
| 83  | 9.418  | 2589 | 2590 | 2593 | rVB  | 280    | 103    | 0.03%  | 0.004%  |
| 84  | 9.440  | 2594 | 2597 | 2598 | rBV2 | 328    | 167    | 0.04%  | 0.006%  |
| 85  | 9.997  | 2767 | 2770 | 2773 | rBV2 | 244    | 164    | 0.04%  | 0.006%  |
| 86  | 10.071 | 2790 | 2793 | 2798 | rVB2 | 207    | 186    | 0.05%  | 0.007%  |
| 87  | 10.093 | 2798 | 2800 | 2802 | rBV2 | 182    | 87     | 0.02%  | 0.003%  |
| 88  | 10.112 | 2803 | 2806 | 2808 | rBV3 | 187    | 115    | 0.03%  | 0.004%  |
| 89  | 10.260 | 2841 | 2852 | 2866 | rBV  | 99540  | 155313 | 39.33% | 5.552%  |
| 90  | 10.412 | 2897 | 2899 | 2900 | rBV  | 513    | 161    | 0.04%  | 0.006%  |
| 91  | 10.569 | 2946 | 2948 | 2949 | rBV  | 203    | 76     | 0.02%  | 0.003%  |
| 92  | 10.920 | 3056 | 3057 | 3060 | rBV2 | 131    | 67     | 0.02%  | 0.002%  |
| 93  | 11.003 | 3080 | 3083 | 3088 | rBV2 | 333    | 367    | 0.09%  | 0.013%  |
| 94  | 11.296 | 3162 | 3174 | 3191 | rBV  | 159098 | 260994 | 66.09% | 9.329%  |
| 95  | 11.437 | 3209 | 3218 | 3220 | rBV2 | 325    | 381    | 0.10%  | 0.014%  |
| 96  | 11.672 | 3278 | 3291 | 3308 | rVB  | 163483 | 264787 | 67.05% | 9.465%  |
| 97  | 12.042 | 3405 | 3406 | 3407 | rBV  | 150    | 35     | 0.01%  | 0.001%  |
| 98  | 12.395 | 3514 | 3516 | 3517 | rBV  | 223    | 76     | 0.02%  | 0.003%  |
| 99  | 14.302 | 4105 | 4109 | 4111 | rBV  | 213    | 163    | 0.04%  | 0.006%  |
| 100 | 14.890 | 4290 | 4292 | 4295 | rBV  | 344    | 181    | 0.05%  | 0.006%  |

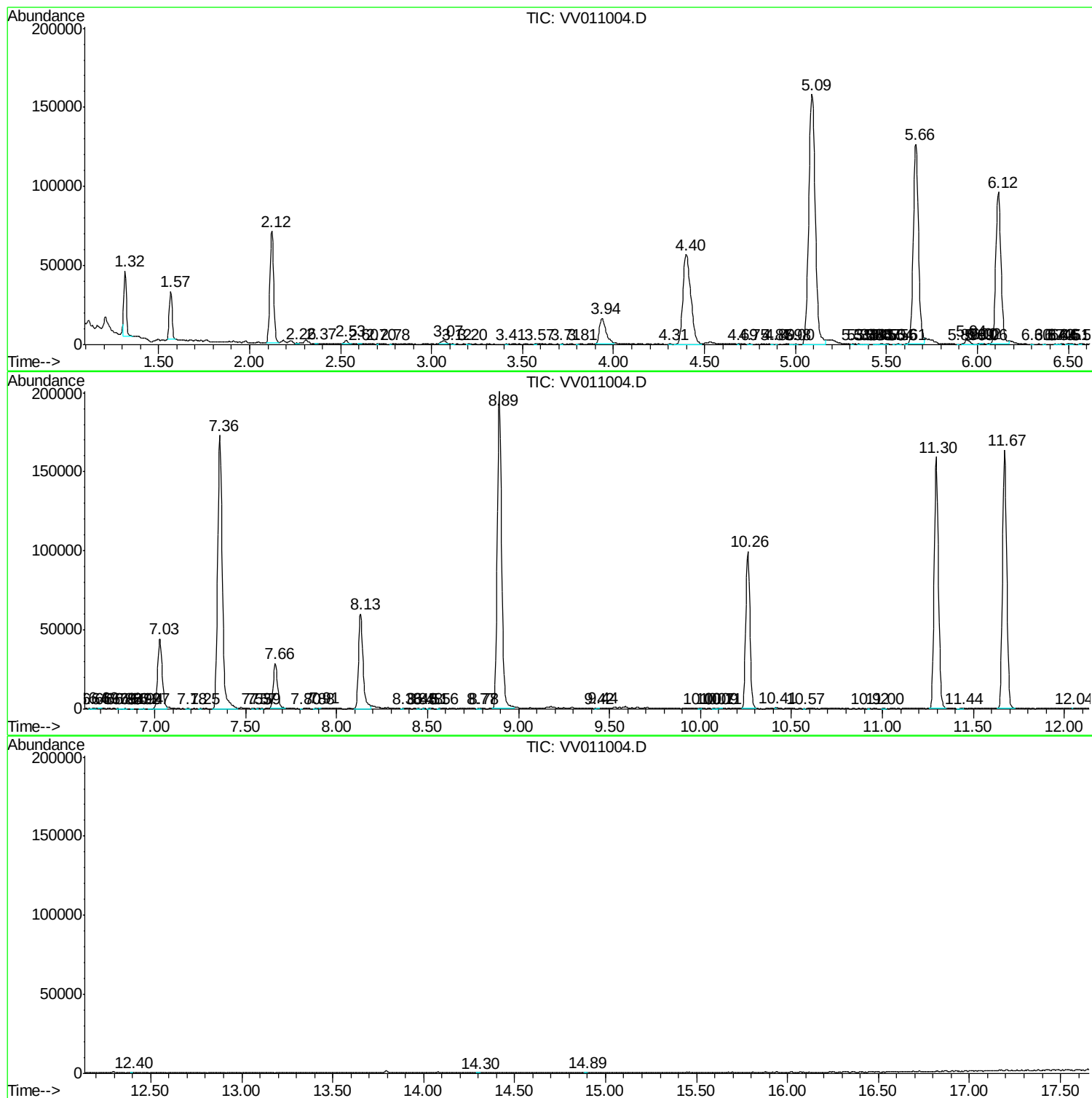
Sum of corrected areas: 2797539

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM052019S.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSV0A\_V\DATA\VV052019\  
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TIC Library : C:\DATABASE\NIST11.L  
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No Library Search Compounds Detected

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Data Path : Z:\V0ASRV\HPCHEM1\MSV0A\_V\DATA\VV052019\  
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| TIC Top Hit name | RT | EstConc | Units | Response | --Internal Standard-- |
|------------------|----|---------|-------|----------|-----------------------|
|                  |    |         |       |          | # RT Resp Conc        |