

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_V\DATA\VV041219\  
 Data File : VV010297.D  
 Acq On : 12 Apr 2019 19:26  
 Operator : SY/MD  
 Sample : K2303-16RE  
 Misc : 5.90G/10mL/MSVOA\_V/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BF884RE

## 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\SOM2VLM041019S.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      | 1.319    | 66         | 71       | 82        | rVB   | 59866       | 59146      | 11.04%       | 1.360%     |
| 2      | 1.566    | 142        | 148      | 158       | rVB   | 54985       | 65352      | 12.20%       | 1.502%     |
| 3      | 2.123    | 313        | 321      | 333       | rBV   | 142043      | 196530     | 36.68%       | 4.518%     |
| 4      | 2.261    | 363        | 364      | 366       | rVB2  | 917         | 304        | 0.06%        | 0.007%     |
| 5      | 2.277    | 366        | 369      | 371       | rBV2  | 646         | 455        | 0.08%        | 0.010%     |
| 6      | 2.422    | 411        | 414      | 417       | rBV3  | 731         | 658        | 0.12%        | 0.015%     |
| 7      | 2.473    | 428        | 430      | 432       | rBV2  | 645         | 339        | 0.06%        | 0.008%     |
| 8      | 2.534    | 439        | 449      | 466       | rVB2  | 26716       | 45633      | 8.52%        | 1.049%     |
| 9      | 2.631    | 477        | 479      | 482       | rBV2  | 560         | 437        | 0.08%        | 0.010%     |
| 10     | 3.068    | 605        | 615      | 631       | rBV10 | 6079        | 12959      | 2.42%        | 0.298%     |
| 11     | 3.174    | 644        | 648      | 652       | rBV3  | 345         | 330        | 0.06%        | 0.008%     |
| 12     | 3.717    | 814        | 817      | 821       | rBV   | 593         | 353        | 0.07%        | 0.008%     |
| 13     | 3.930    | 872        | 883      | 912       | rBV2  | 35222       | 91985      | 17.17%       | 2.114%     |
| 14     | 4.399    | 1011       | 1029     | 1054      | rVV2  | 88828       | 234942     | 43.85%       | 5.401%     |
| 15     | 4.611    | 1093       | 1095     | 1098      | rBV2  | 540         | 354        | 0.07%        | 0.008%     |
| 16     | 4.798    | 1150       | 1153     | 1158      | rBV   | 472         | 337        | 0.06%        | 0.008%     |
| 17     | 4.965    | 1202       | 1205     | 1207      | rBV2  | 742         | 350        | 0.07%        | 0.008%     |
| 18     | 5.093    | 1227       | 1245     | 1273      | rVV2  | 211143      | 535839     | 100.00%      | 12.317%    |
| 19     | 5.412    | 1340       | 1344     | 1346      | rBV2  | 727         | 404        | 0.08%        | 0.009%     |
| 20     | 5.540    | 1380       | 1384     | 1386      | rBV2  | 763         | 527        | 0.10%        | 0.012%     |
| 21     | 5.576    | 1391       | 1395     | 1397      | rBV3  | 426         | 292        | 0.05%        | 0.007%     |
| 22     | 5.663    | 1407       | 1422     | 1438      | rBV   | 208235      | 405235     | 75.63%       | 9.315%     |
| 23     | 5.827    | 1468       | 1473     | 1474      | rBV3  | 645         | 481        | 0.09%        | 0.011%     |
| 24     | 5.888    | 1489       | 1492     | 1494      | rBV2  | 561         | 293        | 0.05%        | 0.007%     |
| 25     | 5.949    | 1501       | 1511     | 1519      | rVB5  | 4990        | 8301       | 1.55%        | 0.191%     |
| 26     | 6.000    | 1523       | 1527     | 1529      | rBV3  | 912         | 548        | 0.10%        | 0.013%     |
| 27     | 6.013    | 1529       | 1531     | 1533      | rBV3  | 603         | 268        | 0.05%        | 0.006%     |
| 28     | 6.116    | 1547       | 1563     | 1581      | rBV3  | 127817      | 259332     | 48.40%       | 5.961%     |
| 29     | 6.267    | 1608       | 1610     | 1613      | rVB3  | 507         | 277        | 0.05%        | 0.006%     |
| 30     | 6.425    | 1656       | 1659     | 1663      | rVB2  | 569         | 434        | 0.08%        | 0.010%     |
| 31     | 6.643    | 1722       | 1727     | 1729      | rBV2  | 1108        | 875        | 0.16%        | 0.020%     |
| 32     | 6.743    | 1753       | 1758     | 1761      | rBV3  | 467         | 443        | 0.08%        | 0.010%     |
| 33     | 6.810    | 1775       | 1779     | 1780      | rBV2  | 589         | 436        | 0.08%        | 0.010%     |
| 34     | 6.881    | 1798       | 1801     | 1805      | rVB2  | 560         | 345        | 0.06%        | 0.008%     |

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 Peak Location: TOP

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Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM041019S.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |        |        |         |
|----|--------|------|------|------|------|--------|--------|--------|---------|
| 35 | 7.029  | 1831 | 1847 | 1866 | rBV  | 60633  | 112318 | 20.96% | 2.582%  |
| 36 | 7.167  | 1885 | 1890 | 1892 | rBV3 | 781    | 720    | 0.13%  | 0.017%  |
| 37 | 7.209  | 1901 | 1903 | 1907 | rVB3 | 678    | 280    | 0.05%  | 0.006%  |
| 38 | 7.360  | 1937 | 1950 | 1971 | rBV  | 230309 | 410479 | 76.60% | 9.436%  |
| 39 | 7.572  | 2014 | 2016 | 2017 | rBV  | 599    | 288    | 0.05%  | 0.007%  |
| 40 | 7.662  | 2034 | 2044 | 2058 | rBV2 | 44897  | 75669  | 14.12% | 1.739%  |
| 41 | 7.762  | 2073 | 2075 | 2080 | rVB2 | 864    | 622    | 0.12%  | 0.014%  |
| 42 | 7.820  | 2091 | 2093 | 2096 | rBV  | 393    | 306    | 0.06%  | 0.007%  |
| 43 | 7.910  | 2118 | 2121 | 2124 | rBV3 | 660    | 432    | 0.08%  | 0.010%  |
| 44 | 7.926  | 2124 | 2126 | 2128 | rBV2 | 554    | 275    | 0.05%  | 0.006%  |
| 45 | 8.077  | 2170 | 2173 | 2178 | rBV3 | 535    | 425    | 0.08%  | 0.010%  |
| 46 | 8.132  | 2178 | 2190 | 2209 | rBV  | 110256 | 196935 | 36.75% | 4.527%  |
| 47 | 8.418  | 2276 | 2279 | 2284 | rVB2 | 744    | 688    | 0.13%  | 0.016%  |
| 48 | 8.498  | 2302 | 2304 | 2310 | rVB6 | 923    | 552    | 0.10%  | 0.013%  |
| 49 | 8.563  | 2322 | 2324 | 2328 | rVB2 | 808    | 383    | 0.07%  | 0.009%  |
| 50 | 8.582  | 2328 | 2330 | 2333 | rBV2 | 667    | 470    | 0.09%  | 0.011%  |
| 51 | 8.608  | 2335 | 2338 | 2341 | rBV3 | 525    | 379    | 0.07%  | 0.009%  |
| 52 | 8.650  | 2346 | 2351 | 2355 | rBV3 | 809    | 711    | 0.13%  | 0.016%  |
| 53 | 8.695  | 2361 | 2365 | 2367 | rVV4 | 784    | 635    | 0.12%  | 0.015%  |
| 54 | 8.717  | 2370 | 2372 | 2378 | rVB3 | 736    | 585    | 0.11%  | 0.013%  |
| 55 | 8.826  | 2402 | 2406 | 2408 | rBV  | 699    | 435    | 0.08%  | 0.010%  |
| 56 | 8.897  | 2414 | 2428 | 2448 | rBV  | 302201 | 512159 | 95.58% | 11.773% |
| 57 | 9.055  | 2475 | 2477 | 2483 | rVB3 | 842    | 696    | 0.13%  | 0.016%  |
| 58 | 9.087  | 2485 | 2487 | 2489 | rVV3 | 646    | 303    | 0.06%  | 0.007%  |
| 59 | 9.142  | 2499 | 2504 | 2507 | rVB3 | 637    | 541    | 0.10%  | 0.012%  |
| 60 | 9.161  | 2507 | 2510 | 2513 | rBV  | 600    | 532    | 0.10%  | 0.012%  |
| 61 | 9.222  | 2527 | 2529 | 2533 | rBV3 | 495    | 336    | 0.06%  | 0.008%  |
| 62 | 9.450  | 2597 | 2600 | 2604 | rBV2 | 666    | 532    | 0.10%  | 0.012%  |
| 63 | 9.556  | 2630 | 2633 | 2634 | rBV2 | 462    | 296    | 0.06%  | 0.007%  |
| 64 | 9.695  | 2672 | 2676 | 2679 | rBV2 | 621    | 418    | 0.08%  | 0.010%  |
| 65 | 9.849  | 2719 | 2724 | 2728 | rBV2 | 730    | 613    | 0.11%  | 0.014%  |
| 66 | 10.061 | 2788 | 2790 | 2794 | rVB2 | 385    | 289    | 0.05%  | 0.007%  |
| 67 | 10.151 | 2814 | 2818 | 2821 | rBV2 | 802    | 659    | 0.12%  | 0.015%  |
| 68 | 10.260 | 2841 | 2852 | 2868 | rVV  | 168245 | 273138 | 50.97% | 6.279%  |
| 69 | 10.360 | 2879 | 2883 | 2888 | rBV3 | 576    | 677    | 0.13%  | 0.016%  |
| 70 | 10.421 | 2897 | 2902 | 2918 | rVB4 | 3270   | 5160   | 0.96%  | 0.119%  |
| 71 | 10.579 | 2948 | 2951 | 2956 | rVB3 | 569    | 480    | 0.09%  | 0.011%  |

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 Smoothing : OFF  
 Sampling : 1  
 Start Thrs: 0.2  
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 Min Area: 0 % of largest Peak  
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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\SOM2VLM041019S.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |        |        |        |
|-----|--------|------|------|------|------|--------|--------|--------|--------|
| 72  | 10.624 | 2956 | 2965 | 2970 | rBV5 | 1730   | 2193   | 0.41%  | 0.050% |
| 73  | 10.646 | 2970 | 2972 | 2976 | rBV3 | 556    | 387    | 0.07%  | 0.009% |
| 74  | 10.791 | 3014 | 3017 | 3019 | rBV2 | 559    | 281    | 0.05%  | 0.006% |
| 75  | 10.849 | 3033 | 3035 | 3038 | rBV3 | 500    | 294    | 0.05%  | 0.007% |
| 76  | 11.167 | 3131 | 3134 | 3135 | rBV  | 679    | 313    | 0.06%  | 0.007% |
| 77  | 11.186 | 3136 | 3140 | 3146 | rVV6 | 2124   | 2385   | 0.45%  | 0.055% |
| 78  | 11.231 | 3152 | 3154 | 3157 | rBV  | 551    | 325    | 0.06%  | 0.007% |
| 79  | 11.296 | 3163 | 3174 | 3193 | rBV  | 242723 | 425878 | 79.48% | 9.790% |
| 80  | 11.672 | 3280 | 3291 | 3307 | rBV  | 225708 | 375572 | 70.09% | 8.633% |
| 81  | 11.810 | 3332 | 3334 | 3337 | rBV  | 496    | 397    | 0.07%  | 0.009% |
| 82  | 11.884 | 3350 | 3357 | 3363 | rBV6 | 1166   | 1568   | 0.29%  | 0.036% |
| 83  | 11.952 | 3376 | 3378 | 3382 | rBV3 | 402    | 344    | 0.06%  | 0.008% |
| 84  | 12.141 | 3434 | 3437 | 3440 | rBV2 | 555    | 324    | 0.06%  | 0.007% |
| 85  | 12.296 | 3477 | 3485 | 3487 | rBV3 | 1606   | 1901   | 0.35%  | 0.044% |
| 86  | 12.540 | 3557 | 3561 | 3562 | rBV2 | 458    | 361    | 0.07%  | 0.008% |
| 87  | 12.717 | 3612 | 3616 | 3618 | rVB  | 664    | 426    | 0.08%  | 0.010% |
| 88  | 12.733 | 3618 | 3621 | 3624 | rBV2 | 676    | 444    | 0.08%  | 0.010% |
| 89  | 12.945 | 3684 | 3687 | 3690 | rBV2 | 900    | 440    | 0.08%  | 0.010% |
| 90  | 13.251 | 3780 | 3782 | 3784 | rBV  | 538    | 299    | 0.06%  | 0.007% |
| 91  | 13.418 | 3829 | 3834 | 3835 | rBV2 | 408    | 370    | 0.07%  | 0.009% |
| 92  | 13.543 | 3870 | 3873 | 3874 | rBV2 | 475    | 293    | 0.05%  | 0.007% |
| 93  | 13.717 | 3925 | 3927 | 3930 | rBV  | 441    | 281    | 0.05%  | 0.006% |
| 94  | 13.794 | 3944 | 3951 | 3958 | rVB4 | 5874   | 7283   | 1.36%  | 0.167% |
| 95  | 13.955 | 3998 | 4001 | 4002 | rBV  | 542    | 296    | 0.06%  | 0.007% |
| 96  | 14.000 | 4013 | 4015 | 4017 | rBV  | 468    | 291    | 0.05%  | 0.007% |
| 97  | 14.235 | 4085 | 4088 | 4092 | rBV3 | 940    | 836    | 0.16%  | 0.019% |
| 98  | 14.817 | 4267 | 4269 | 4272 | rBV2 | 696    | 330    | 0.06%  | 0.008% |
| 99  | 15.238 | 4397 | 4400 | 4402 | rBV2 | 896    | 631    | 0.12%  | 0.015% |
| 100 | 15.566 | 4501 | 4502 | 4504 | rBV2 | 863    | 371    | 0.07%  | 0.009% |

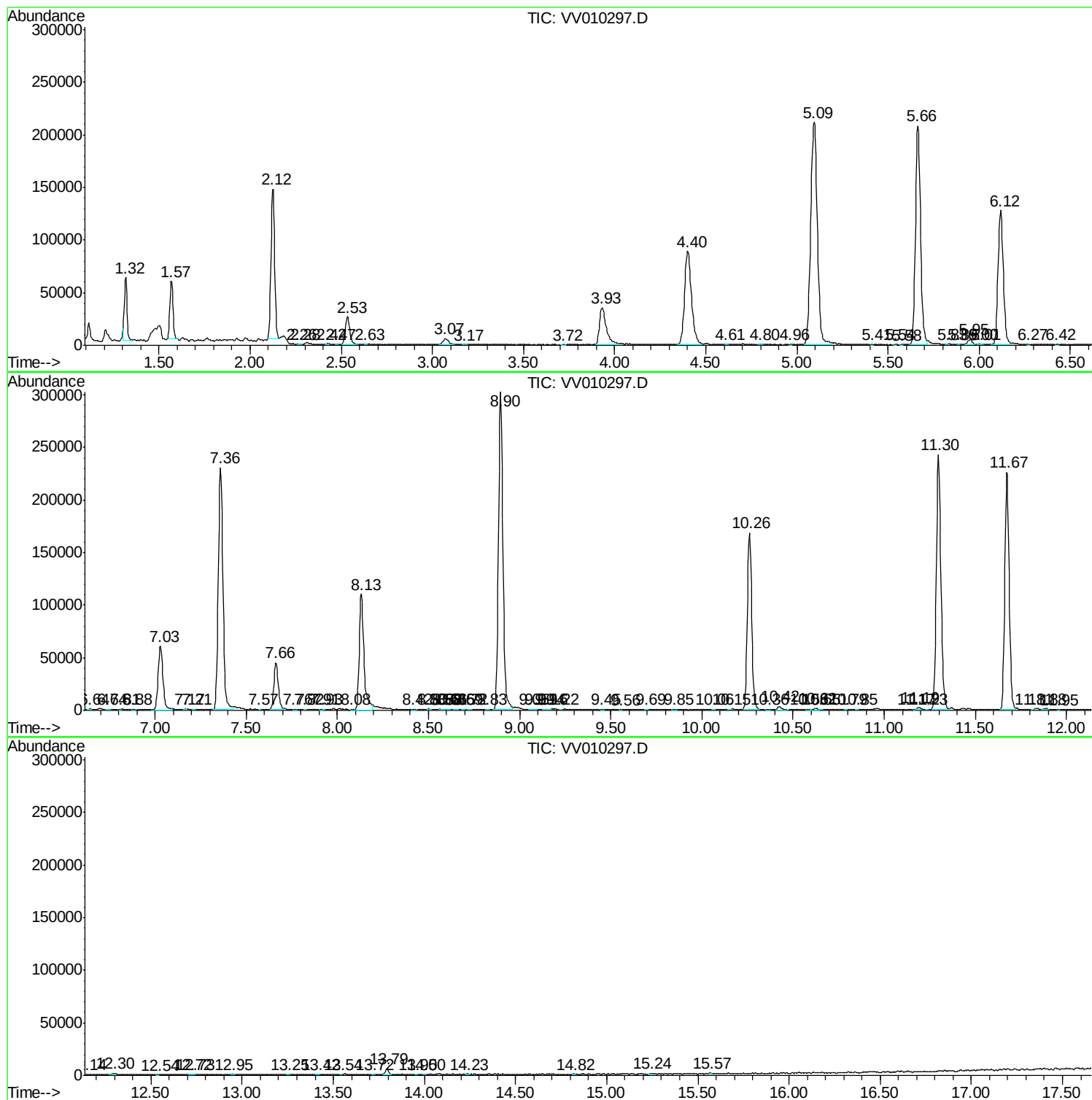
Sum of corrected areas: 4350324

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Instrument :  
MSVOA\_V  
ClientSampled :  
BF884RE

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM041019S.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSV0A\_V\DATA\VV041219\  
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TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected

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Data Path : Z:\V0ASRV\HPCHEM1\MSV0A\_V\DATA\VV041219\  
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TIC Integration Parameters: LSCINT.P

| TIC Top Hit name | RT | EstConc | Units | Response | --Internal Standard-- |    |      |      |
|------------------|----|---------|-------|----------|-----------------------|----|------|------|
|                  |    |         |       |          | #                     | RT | Resp | Conc |

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