

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040219\  
 Data File : VV010082.D  
 Acq On : 03 Apr 2019 02:19  
 Operator : SY/MD  
 Sample : K2148-20  
 Misc : 5.61G/10mL/MSVOA V/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BF5H0

## 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\SOM2VLM040219S.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         | 1.319       | 67            | 71          | 86           | rVB      | 72210          | 72229         | 9.79%           | 1.412%        |
| 2         | 1.569       | 145           | 149         | 164          | rVB      | 108457         | 126290        | 17.11%          | 2.469%        |
| 3         | 2.129       | 314           | 323         | 333          | rVB      | 182403         | 251491        | 34.07%          | 4.917%        |
| 4         | 2.537       | 441           | 450         | 464          | rVB2     | 27541          | 46277         | 6.27%           | 0.905%        |
| 5         | 2.675       | 488           | 493         | 496          | rBV2     | 576            | 510           | 0.07%           | 0.010%        |
| 6         | 2.884       | 555           | 558         | 562          | rBV2     | 795            | 508           | 0.07%           | 0.010%        |
| 7         | 2.984       | 585           | 589         | 591          | rBV2     | 906            | 519           | 0.07%           | 0.010%        |
| 8         | 2.997       | 591           | 593         | 598          | rVB2     | 513            | 415           | 0.06%           | 0.008%        |
| 9         | 3.023       | 598           | 601         | 606          | rBV3     | 786            | 596           | 0.08%           | 0.012%        |
| 10        | 3.077       | 606           | 618         | 627          | rBV5     | 4342           | 8873          | 1.20%           | 0.173%        |
| 11        | 3.129       | 632           | 634         | 637          | rVB2     | 644            | 368           | 0.05%           | 0.007%        |
| 12        | 3.212       | 656           | 660         | 662          | rBV2     | 395            | 290           | 0.04%           | 0.006%        |
| 13        | 3.402       | 715           | 719         | 722          | rBV4     | 510            | 457           | 0.06%           | 0.009%        |
| 14        | 3.425       | 724           | 726         | 730          | rVB      | 603            | 356           | 0.05%           | 0.007%        |
| 15        | 3.457       | 730           | 736         | 738          | rBV2     | 552            | 491           | 0.07%           | 0.010%        |
| 16        | 3.669       | 796           | 802         | 806          | rBV2     | 486            | 532           | 0.07%           | 0.010%        |
| 17        | 3.900       | 872           | 874         | 876          | rBV2     | 568            | 273           | 0.04%           | 0.005%        |
| 18        | 3.965       | 882           | 894         | 896          | rBV4     | 4013           | 6613          | 0.90%           | 0.129%        |
| 19        | 4.196       | 963           | 966         | 970          | rBV3     | 770            | 439           | 0.06%           | 0.009%        |
| 20        | 4.241       | 978           | 980         | 984          | rBV2     | 643            | 334           | 0.05%           | 0.007%        |
| 21        | 4.306       | 996           | 1000        | 1003         | rVB2     | 741            | 510           | 0.07%           | 0.010%        |
| 22        | 4.328       | 1003          | 1007        | 1009         | rBV      | 417            | 312           | 0.04%           | 0.006%        |
| 23        | 4.402       | 1014          | 1030        | 1050         | rVV      | 125564         | 305755        | 41.43%          | 5.979%        |
| 24        | 4.669       | 1109          | 1113        | 1114         | rBV3     | 537            | 274           | 0.04%           | 0.005%        |
| 25        | 4.942       | 1194          | 1198        | 1200         | rBV      | 721            | 486           | 0.07%           | 0.010%        |
| 26        | 5.097       | 1227          | 1246        | 1271         | rBV2     | 295955         | 738074        | 100.00%         | 14.432%       |
| 27        | 5.518       | 1374          | 1377        | 1380         | rVB      | 588            | 399           | 0.05%           | 0.008%        |
| 28        | 5.540       | 1380          | 1384        | 1386         | rBV2     | 529            | 381           | 0.05%           | 0.007%        |
| 29        | 5.666       | 1408          | 1423        | 1445         | rBV      | 242166         | 489261        | 66.29%          | 9.567%        |
| 30        | 5.945       | 1500          | 1510        | 1528         | rVB3     | 9631           | 18936         | 2.57%           | 0.370%        |
| 31        | 6.019       | 1531          | 1533        | 1535         | rBV2     | 506            | 318           | 0.04%           | 0.006%        |
| 32        | 6.119       | 1550          | 1564        | 1584         | rBV      | 172636         | 358265        | 48.54%          | 7.005%        |
| 33        | 6.283       | 1612          | 1615        | 1619         | rBV2     | 564            | 622           | 0.08%           | 0.012%        |
| 34        | 6.341       | 1629          | 1633        | 1635         | rBV      | 397            | 272           | 0.04%           | 0.005%        |

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Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM040219S.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |        |        |         |
|----|--------|------|------|------|------|--------|--------|--------|---------|
| 35 | 6.424  | 1654 | 1659 | 1661 | rBV2 | 841    | 576    | 0.08%  | 0.011%  |
| 36 | 6.466  | 1669 | 1672 | 1674 | rVB2 | 792    | 408    | 0.06%  | 0.008%  |
| 37 | 6.498  | 1674 | 1682 | 1684 | rBV  | 513    | 532    | 0.07%  | 0.010%  |
| 38 | 6.511  | 1684 | 1686 | 1692 | rVB  | 363    | 288    | 0.04%  | 0.006%  |
| 39 | 6.553  | 1695 | 1699 | 1702 | rVB3 | 500    | 366    | 0.05%  | 0.007%  |
| 40 | 6.579  | 1702 | 1707 | 1710 | rVB3 | 785    | 658    | 0.09%  | 0.013%  |
| 41 | 6.605  | 1713 | 1715 | 1719 | rBV2 | 436    | 312    | 0.04%  | 0.006%  |
| 42 | 6.682  | 1735 | 1739 | 1741 | rBV4 | 908    | 679    | 0.09%  | 0.013%  |
| 43 | 6.698  | 1741 | 1744 | 1745 | rBV2 | 1195   | 727    | 0.10%  | 0.014%  |
| 44 | 6.826  | 1775 | 1784 | 1790 | rBV8 | 1941   | 3389   | 0.46%  | 0.066%  |
| 45 | 6.907  | 1807 | 1809 | 1812 | rVB  | 611    | 317    | 0.04%  | 0.006%  |
| 46 | 7.032  | 1838 | 1848 | 1864 | rVV2 | 36206  | 62881  | 8.52%  | 1.230%  |
| 47 | 7.225  | 1906 | 1908 | 1911 | rBV2 | 648    | 319    | 0.04%  | 0.006%  |
| 48 | 7.273  | 1921 | 1923 | 1926 | rVV3 | 434    | 279    | 0.04%  | 0.005%  |
| 49 | 7.360  | 1937 | 1950 | 1965 | rBV  | 326976 | 571227 | 77.39% | 11.169% |
| 50 | 7.598  | 2020 | 2024 | 2025 | rBV2 | 753    | 488    | 0.07%  | 0.010%  |
| 51 | 7.666  | 2035 | 2045 | 2059 | rBV2 | 26649  | 45756  | 6.20%  | 0.895%  |
| 52 | 8.019  | 2153 | 2155 | 2158 | rBV3 | 643    | 296    | 0.04%  | 0.006%  |
| 53 | 8.071  | 2166 | 2171 | 2173 | rBV3 | 440    | 331    | 0.04%  | 0.006%  |
| 54 | 8.141  | 2180 | 2193 | 2198 | rBV5 | 10533  | 17482  | 2.37%  | 0.342%  |
| 55 | 8.341  | 2251 | 2255 | 2259 | rBV3 | 851    | 746    | 0.10%  | 0.015%  |
| 56 | 8.457  | 2288 | 2291 | 2293 | rBV2 | 549    | 337    | 0.05%  | 0.007%  |
| 57 | 8.527  | 2308 | 2313 | 2314 | rVV2 | 701    | 564    | 0.08%  | 0.011%  |
| 58 | 8.540  | 2314 | 2317 | 2320 | rVB2 | 726    | 480    | 0.07%  | 0.009%  |
| 59 | 8.788  | 2390 | 2394 | 2397 | rBV2 | 534    | 476    | 0.06%  | 0.009%  |
| 60 | 8.897  | 2415 | 2428 | 2453 | rBV2 | 373673 | 633968 | 85.89% | 12.396% |
| 61 | 9.058  | 2476 | 2478 | 2484 | rVB5 | 1029   | 787    | 0.11%  | 0.015%  |
| 62 | 9.270  | 2542 | 2544 | 2549 | rBV2 | 577    | 484    | 0.07%  | 0.009%  |
| 63 | 9.296  | 2549 | 2552 | 2555 | rVB4 | 539    | 290    | 0.04%  | 0.006%  |
| 64 | 9.418  | 2586 | 2590 | 2595 | rBV3 | 449    | 390    | 0.05%  | 0.008%  |
| 65 | 9.617  | 2650 | 2652 | 2657 | rBV3 | 452    | 385    | 0.05%  | 0.008%  |
| 66 | 9.842  | 2719 | 2722 | 2725 | rVB2 | 926    | 726    | 0.10%  | 0.014%  |
| 67 | 9.981  | 2760 | 2765 | 2767 | rVV2 | 519    | 378    | 0.05%  | 0.007%  |
| 68 | 10.135 | 2810 | 2813 | 2816 | rBV4 | 474    | 339    | 0.05%  | 0.007%  |
| 69 | 10.260 | 2840 | 2852 | 2869 | rBV  | 166838 | 269035 | 36.45% | 5.261%  |
| 70 | 10.399 | 2893 | 2895 | 2896 | rBV  | 691    | 283    | 0.04%  | 0.006%  |
| 71 | 10.424 | 2898 | 2903 | 2915 | rVB4 | 3523   | 5757   | 0.78%  | 0.113%  |

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 Min Area: 0 % of largest Peak  
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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\SOM2VLM040219S.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |        |        |         |
|-----|--------|------|------|------|------|--------|--------|--------|---------|
| 72  | 10.630 | 2962 | 2967 | 2968 | rBV2 | 831    | 673    | 0.09%  | 0.013%  |
| 73  | 10.688 | 2980 | 2985 | 2988 | rBV2 | 516    | 559    | 0.08%  | 0.011%  |
| 74  | 10.813 | 3019 | 3024 | 3025 | rBV2 | 642    | 556    | 0.08%  | 0.011%  |
| 75  | 10.916 | 3053 | 3056 | 3057 | rBV  | 441    | 298    | 0.04%  | 0.006%  |
| 76  | 10.955 | 3063 | 3068 | 3069 | rBV  | 2086   | 1552   | 0.21%  | 0.030%  |
| 77  | 11.048 | 3094 | 3097 | 3099 | rBV3 | 713    | 482    | 0.07%  | 0.009%  |
| 78  | 11.071 | 3101 | 3104 | 3109 | rVV4 | 1172   | 996    | 0.13%  | 0.019%  |
| 79  | 11.125 | 3119 | 3121 | 3124 | rBV2 | 653    | 438    | 0.06%  | 0.009%  |
| 80  | 11.193 | 3134 | 3142 | 3152 | rVB8 | 4588   | 7388   | 1.00%  | 0.144%  |
| 81  | 11.296 | 3163 | 3174 | 3192 | rBV  | 318227 | 526293 | 71.31% | 10.291% |
| 82  | 11.614 | 3270 | 3273 | 3276 | rBV3 | 829    | 491    | 0.07%  | 0.010%  |
| 83  | 11.672 | 3279 | 3291 | 3313 | rVV  | 302919 | 503729 | 68.25% | 9.850%  |
| 84  | 11.862 | 3347 | 3350 | 3351 | rBV  | 483    | 285    | 0.04%  | 0.006%  |
| 85  | 11.881 | 3352 | 3356 | 3357 | rBV3 | 1037   | 647    | 0.09%  | 0.013%  |
| 86  | 11.993 | 3388 | 3391 | 3397 | rBV4 | 674    | 672    | 0.09%  | 0.013%  |
| 87  | 12.112 | 3425 | 3428 | 3430 | rBV2 | 493    | 360    | 0.05%  | 0.007%  |
| 88  | 12.299 | 3476 | 3486 | 3491 | rBV5 | 2246   | 3536   | 0.48%  | 0.069%  |
| 89  | 12.450 | 3531 | 3533 | 3536 | rVB2 | 658    | 280    | 0.04%  | 0.005%  |
| 90  | 12.823 | 3646 | 3649 | 3652 | rBV2 | 579    | 363    | 0.05%  | 0.007%  |
| 91  | 12.974 | 3692 | 3696 | 3697 | rBV3 | 867    | 610    | 0.08%  | 0.012%  |
| 92  | 13.144 | 3743 | 3749 | 3751 | rBV2 | 449    | 407    | 0.06%  | 0.008%  |
| 93  | 13.199 | 3763 | 3766 | 3771 | rBV4 | 929    | 655    | 0.09%  | 0.013%  |
| 94  | 13.363 | 3813 | 3817 | 3820 | rBV2 | 470    | 409    | 0.06%  | 0.008%  |
| 95  | 13.717 | 3923 | 3927 | 3931 | rBV2 | 569    | 492    | 0.07%  | 0.010%  |
| 96  | 13.794 | 3945 | 3951 | 3958 | rBV4 | 4770   | 6087   | 0.82%  | 0.119%  |
| 97  | 13.852 | 3967 | 3969 | 3972 | rBV2 | 599    | 451    | 0.06%  | 0.009%  |
| 98  | 14.254 | 4091 | 4094 | 4098 | rBV3 | 635    | 312    | 0.04%  | 0.006%  |
| 99  | 14.341 | 4119 | 4121 | 4124 | rBV2 | 763    | 405    | 0.05%  | 0.008%  |
| 100 | 14.482 | 4164 | 4165 | 4169 | rBV2 | 586    | 324    | 0.04%  | 0.006%  |

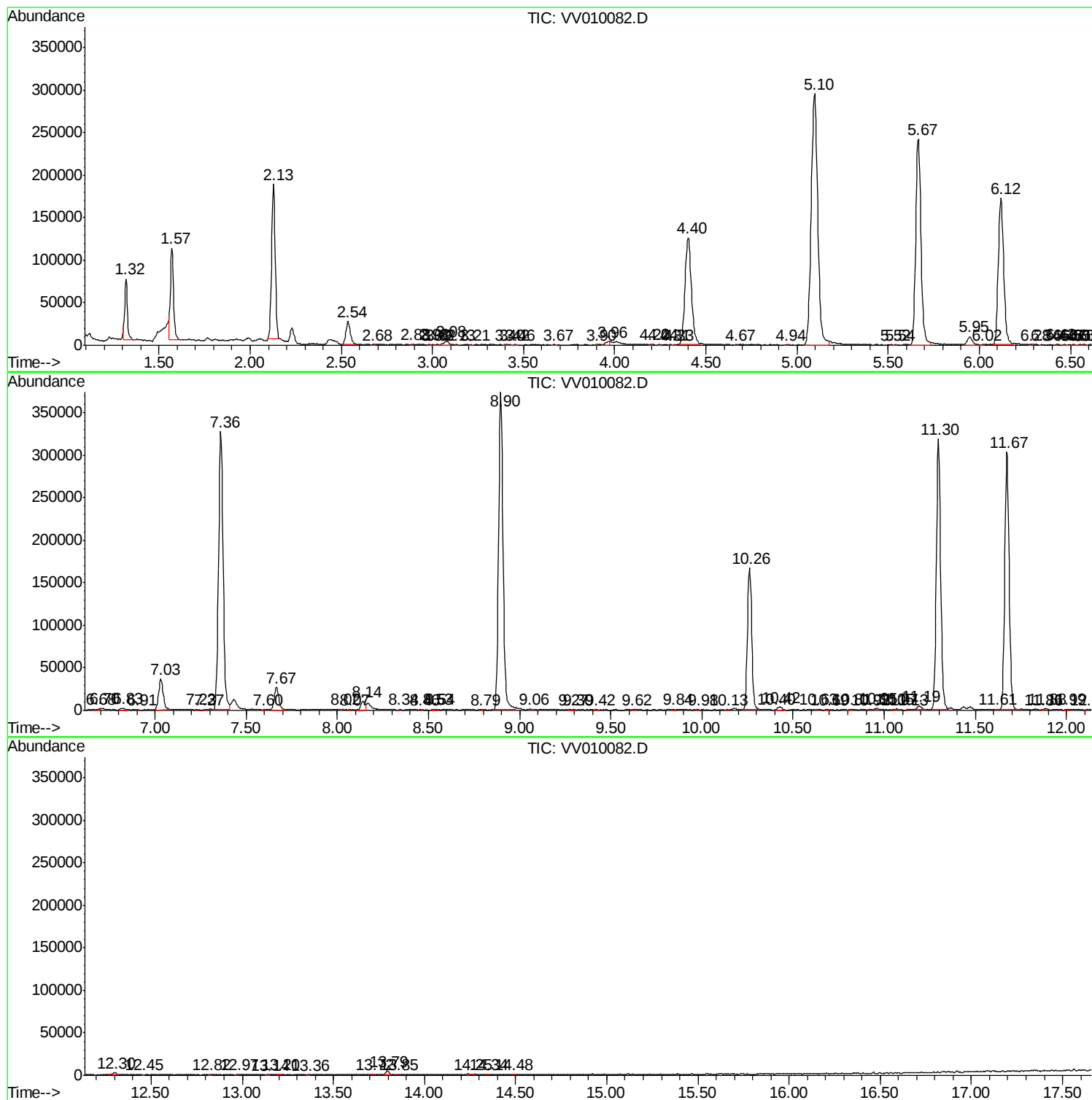
Sum of corrected areas: 5114212

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM040219S.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSV0A\_V\DATA\VV040219\  
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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        |