

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV022719\  
 Data File : VV009394.D  
 Acq On : 27 Feb 2019 13:13  
 Operator : SY/MD  
 Sample : K1601-09RE  
 Misc : 5.42G/10ML/MSVOA V/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BF7Y3RE

## 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\SOM2VLM022619S.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       | 78        | rVB   | 54308       | 56827      | 12.78%       | 1.739%     |
| 2      | 2.126    | 314        | 322      | 338       | rVB   | 142353      | 212660     | 47.82%       | 6.507%     |
| 3      | 2.534    | 442        | 449      | 461       | rVB2  | 8082        | 13053      | 2.94%        | 0.399%     |
| 4      | 2.624    | 474        | 477      | 478       | rBV2  | 803         | 426        | 0.10%        | 0.013%     |
| 5      | 2.884    | 556        | 558      | 562       | rVV2  | 499         | 309        | 0.07%        | 0.009%     |
| 6      | 2.958    | 573        | 581      | 583       | rBV6  | 530         | 697        | 0.16%        | 0.021%     |
| 7      | 3.074    | 601        | 617      | 630       | rBV5  | 5048        | 12150      | 2.73%        | 0.372%     |
| 8      | 3.225    | 660        | 664      | 666       | rBV4  | 622         | 494        | 0.11%        | 0.015%     |
| 9      | 3.261    | 672        | 675      | 677       | rBV2  | 465         | 301        | 0.07%        | 0.009%     |
| 10     | 3.322    | 690        | 694      | 696       | rBV2  | 445         | 379        | 0.09%        | 0.012%     |
| 11     | 3.463    | 735        | 738      | 742       | rVB2  | 393         | 269        | 0.06%        | 0.008%     |
| 12     | 3.492    | 742        | 747      | 748       | rBV   | 443         | 320        | 0.07%        | 0.010%     |
| 13     | 3.685    | 804        | 807      | 813       | rVB3  | 545         | 445        | 0.10%        | 0.014%     |
| 14     | 3.724    | 815        | 819      | 824       | rVB4  | 636         | 463        | 0.10%        | 0.014%     |
| 15     | 3.746    | 824        | 826      | 830       | rBV2  | 403         | 254        | 0.06%        | 0.008%     |
| 16     | 3.772    | 830        | 834      | 838       | rBV2  | 457         | 339        | 0.08%        | 0.010%     |
| 17     | 3.833    | 848        | 853      | 856       | rBV2  | 646         | 517        | 0.12%        | 0.016%     |
| 18     | 3.949    | 878        | 889      | 904       | rBV   | 15688       | 47829      | 10.75%       | 1.463%     |
| 19     | 4.280    | 987        | 992      | 994       | rBV2  | 819         | 544        | 0.12%        | 0.017%     |
| 20     | 4.399    | 1010       | 1029     | 1049      | rBV   | 74182       | 186997     | 42.05%       | 5.721%     |
| 21     | 4.544    | 1071       | 1074     | 1076      | rVB3  | 586         | 321        | 0.07%        | 0.010%     |
| 22     | 4.839    | 1163       | 1166     | 1170      | rVB2  | 419         | 296        | 0.07%        | 0.009%     |
| 23     | 5.097    | 1228       | 1246     | 1273      | rBV2  | 175012      | 444724     | 100.00%      | 13.607%    |
| 24     | 5.357    | 1322       | 1327     | 1328      | rBV2  | 536         | 442        | 0.10%        | 0.014%     |
| 25     | 5.444    | 1349       | 1354     | 1362      | rVB4  | 776         | 966        | 0.22%        | 0.030%     |
| 26     | 5.476    | 1362       | 1364     | 1369      | rBV   | 403         | 273        | 0.06%        | 0.008%     |
| 27     | 5.502    | 1369       | 1372     | 1376      | rBV2  | 424         | 364        | 0.08%        | 0.011%     |
| 28     | 5.662    | 1407       | 1422     | 1443      | rBV   | 145651      | 296048     | 66.57%       | 9.058%     |
| 29     | 6.032    | 1535       | 1537     | 1543      | rVB2  | 371         | 288        | 0.06%        | 0.009%     |
| 30     | 6.119    | 1550       | 1564     | 1579      | rBV   | 99411       | 201128     | 45.23%       | 6.154%     |
| 31     | 6.357    | 1631       | 1638     | 1641      | rVB5  | 444         | 460        | 0.10%        | 0.014%     |
| 32     | 6.550    | 1693       | 1698     | 1699      | rBV   | 413         | 261        | 0.06%        | 0.008%     |
| 33     | 6.563    | 1699       | 1702     | 1707      | rVV3  | 458         | 333        | 0.07%        | 0.010%     |
| 34     | 6.704    | 1742       | 1746     | 1747      | rBV4  | 427         | 266        | 0.06%        | 0.008%     |

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Filtering: 5  
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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\SOM2VLM022619S.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |        |        |         |
|----|--------|------|------|------|------|--------|--------|--------|---------|
| 35 | 6.859  | 1787 | 1794 | 1795 | rVV2 | 424    | 414    | 0.09%  | 0.013%  |
| 36 | 6.916  | 1807 | 1812 | 1814 | rBV2 | 476    | 309    | 0.07%  | 0.009%  |
| 37 | 6.987  | 1831 | 1834 | 1836 | rVV3 | 412    | 303    | 0.07%  | 0.009%  |
| 38 | 7.029  | 1836 | 1847 | 1871 | rVV2 | 60001  | 110651 | 24.88% | 3.385%  |
| 39 | 7.238  | 1905 | 1912 | 1915 | rBV4 | 499    | 630    | 0.14%  | 0.019%  |
| 40 | 7.270  | 1919 | 1922 | 1923 | rBV2 | 419    | 271    | 0.06%  | 0.008%  |
| 41 | 7.360  | 1938 | 1950 | 1968 | rBV  | 201260 | 358645 | 80.64% | 10.973% |
| 42 | 7.563  | 2010 | 2013 | 2016 | rBV3 | 535    | 377    | 0.08%  | 0.012%  |
| 43 | 7.666  | 2032 | 2045 | 2062 | rBV  | 40451  | 71342  | 16.04% | 2.183%  |
| 44 | 7.781  | 2079 | 2081 | 2083 | rBV3 | 538    | 248    | 0.06%  | 0.008%  |
| 45 | 8.141  | 2182 | 2193 | 2217 | rBV2 | 64775  | 127779 | 28.73% | 3.910%  |
| 46 | 8.341  | 2252 | 2255 | 2261 | rVB5 | 631    | 597    | 0.13%  | 0.018%  |
| 47 | 8.434  | 2282 | 2284 | 2285 | rBV  | 545    | 238    | 0.05%  | 0.007%  |
| 48 | 8.473  | 2290 | 2296 | 2309 | rVB7 | 2533   | 4749   | 1.07%  | 0.145%  |
| 49 | 8.604  | 2331 | 2337 | 2340 | rBV3 | 371    | 428    | 0.10%  | 0.013%  |
| 50 | 8.688  | 2360 | 2363 | 2371 | rVB4 | 436    | 577    | 0.13%  | 0.018%  |
| 51 | 8.897  | 2414 | 2428 | 2450 | rBV  | 207771 | 354296 | 79.67% | 10.840% |
| 52 | 9.055  | 2471 | 2477 | 2481 | rBV5 | 835    | 1126   | 0.25%  | 0.034%  |
| 53 | 9.180  | 2512 | 2516 | 2522 | rBV3 | 742    | 872    | 0.20%  | 0.027%  |
| 54 | 9.228  | 2529 | 2531 | 2534 | rBV3 | 620    | 412    | 0.09%  | 0.013%  |
| 55 | 9.299  | 2550 | 2553 | 2557 | rVB2 | 346    | 251    | 0.06%  | 0.008%  |
| 56 | 9.350  | 2566 | 2569 | 2572 | rVV3 | 536    | 433    | 0.10%  | 0.013%  |
| 57 | 9.367  | 2572 | 2574 | 2579 | rVB3 | 330    | 245    | 0.06%  | 0.007%  |
| 58 | 9.434  | 2592 | 2595 | 2599 | rBV2 | 365    | 362    | 0.08%  | 0.011%  |
| 59 | 9.598  | 2637 | 2646 | 2653 | rVB6 | 988    | 1509   | 0.34%  | 0.046%  |
| 60 | 9.630  | 2653 | 2656 | 2661 | rBV3 | 438    | 380    | 0.09%  | 0.012%  |
| 61 | 9.694  | 2671 | 2676 | 2678 | rBV  | 758    | 612    | 0.14%  | 0.019%  |
| 62 | 9.759  | 2691 | 2696 | 2699 | rBV3 | 517    | 452    | 0.10%  | 0.014%  |
| 63 | 9.842  | 2718 | 2722 | 2725 | rBV2 | 550    | 511    | 0.11%  | 0.016%  |
| 64 | 10.183 | 2824 | 2828 | 2832 | rVV2 | 839    | 658    | 0.15%  | 0.020%  |
| 65 | 10.206 | 2832 | 2835 | 2840 | rVB2 | 326    | 279    | 0.06%  | 0.009%  |
| 66 | 10.264 | 2840 | 2853 | 2871 | rVB  | 98886  | 157544 | 35.43% | 4.820%  |
| 67 | 10.428 | 2896 | 2904 | 2918 | rVB4 | 7974   | 13912  | 3.13%  | 0.426%  |
| 68 | 10.521 | 2931 | 2933 | 2937 | rVB  | 542    | 317    | 0.07%  | 0.010%  |
| 69 | 10.556 | 2937 | 2944 | 2945 | rBV  | 376    | 238    | 0.05%  | 0.007%  |
| 70 | 10.820 | 3024 | 3026 | 3029 | rBV2 | 371    | 245    | 0.06%  | 0.007%  |
| 71 | 10.910 | 3052 | 3054 | 3062 | rVB3 | 410    | 319    | 0.07%  | 0.010%  |

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 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\SOM2VLM022619S.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |        |        |        |
|-----|--------|------|------|------|------|--------|--------|--------|--------|
| 72  | 10.965 | 3067 | 3071 | 3074 | rBV2 | 677    | 608    | 0.14%  | 0.019% |
| 73  | 11.132 | 3119 | 3123 | 3125 | rBV2 | 424    | 334    | 0.08%  | 0.010% |
| 74  | 11.199 | 3137 | 3144 | 3149 | rBV4 | 1231   | 1452   | 0.33%  | 0.044% |
| 75  | 11.231 | 3152 | 3154 | 3158 | rVB4 | 611    | 406    | 0.09%  | 0.012% |
| 76  | 11.296 | 3163 | 3174 | 3196 | rBV  | 179562 | 289447 | 65.08% | 8.856% |
| 77  | 11.473 | 3223 | 3229 | 3230 | rBV3 | 834    | 726    | 0.16%  | 0.022% |
| 78  | 11.579 | 3259 | 3262 | 3264 | rBV  | 408    | 310    | 0.07%  | 0.009% |
| 79  | 11.675 | 3279 | 3292 | 3307 | rBV  | 166037 | 265879 | 59.79% | 8.135% |
| 80  | 11.945 | 3372 | 3376 | 3378 | rBV2 | 504    | 383    | 0.09%  | 0.012% |
| 81  | 12.109 | 3423 | 3427 | 3432 | rVB2 | 415    | 414    | 0.09%  | 0.013% |
| 82  | 12.138 | 3432 | 3436 | 3441 | rBV2 | 475    | 527    | 0.12%  | 0.016% |
| 83  | 12.254 | 3468 | 3472 | 3474 | rVB3 | 471    | 341    | 0.08%  | 0.010% |
| 84  | 12.309 | 3482 | 3489 | 3498 | rVB4 | 1860   | 3206   | 0.72%  | 0.098% |
| 85  | 12.546 | 3560 | 3563 | 3566 | rBV  | 444    | 258    | 0.06%  | 0.008% |
| 86  | 12.582 | 3569 | 3574 | 3575 | rBV3 | 498    | 475    | 0.11%  | 0.015% |
| 87  | 12.614 | 3580 | 3584 | 3588 | rBV2 | 475    | 487    | 0.11%  | 0.015% |
| 88  | 12.714 | 3612 | 3615 | 3618 | rBV2 | 479    | 340    | 0.08%  | 0.010% |
| 89  | 12.829 | 3645 | 3651 | 3652 | rBV  | 439    | 389    | 0.09%  | 0.012% |
| 90  | 12.878 | 3661 | 3666 | 3668 | rBV2 | 343    | 314    | 0.07%  | 0.010% |
| 91  | 12.923 | 3675 | 3680 | 3683 | rBV3 | 487    | 517    | 0.12%  | 0.016% |
| 92  | 13.347 | 3807 | 3812 | 3814 | rBV3 | 436    | 352    | 0.08%  | 0.011% |
| 93  | 13.566 | 3875 | 3880 | 3886 | rVB3 | 561    | 705    | 0.16%  | 0.022% |
| 94  | 13.659 | 3906 | 3909 | 3912 | rVB3 | 639    | 482    | 0.11%  | 0.015% |
| 95  | 13.685 | 3914 | 3917 | 3919 | rVB2 | 567    | 277    | 0.06%  | 0.008% |
| 96  | 13.704 | 3919 | 3923 | 3926 | rBV3 | 482    | 342    | 0.08%  | 0.010% |
| 97  | 13.794 | 3947 | 3951 | 3961 | rVB4 | 3232   | 4378   | 0.98%  | 0.134% |
| 98  | 14.038 | 4023 | 4027 | 4028 | rBV  | 623    | 407    | 0.09%  | 0.012% |
| 99  | 14.070 | 4033 | 4037 | 4039 | rBV  | 450    | 375    | 0.08%  | 0.011% |
| 100 | 14.308 | 4108 | 4111 | 4113 | rBV  | 473    | 316    | 0.07%  | 0.010% |

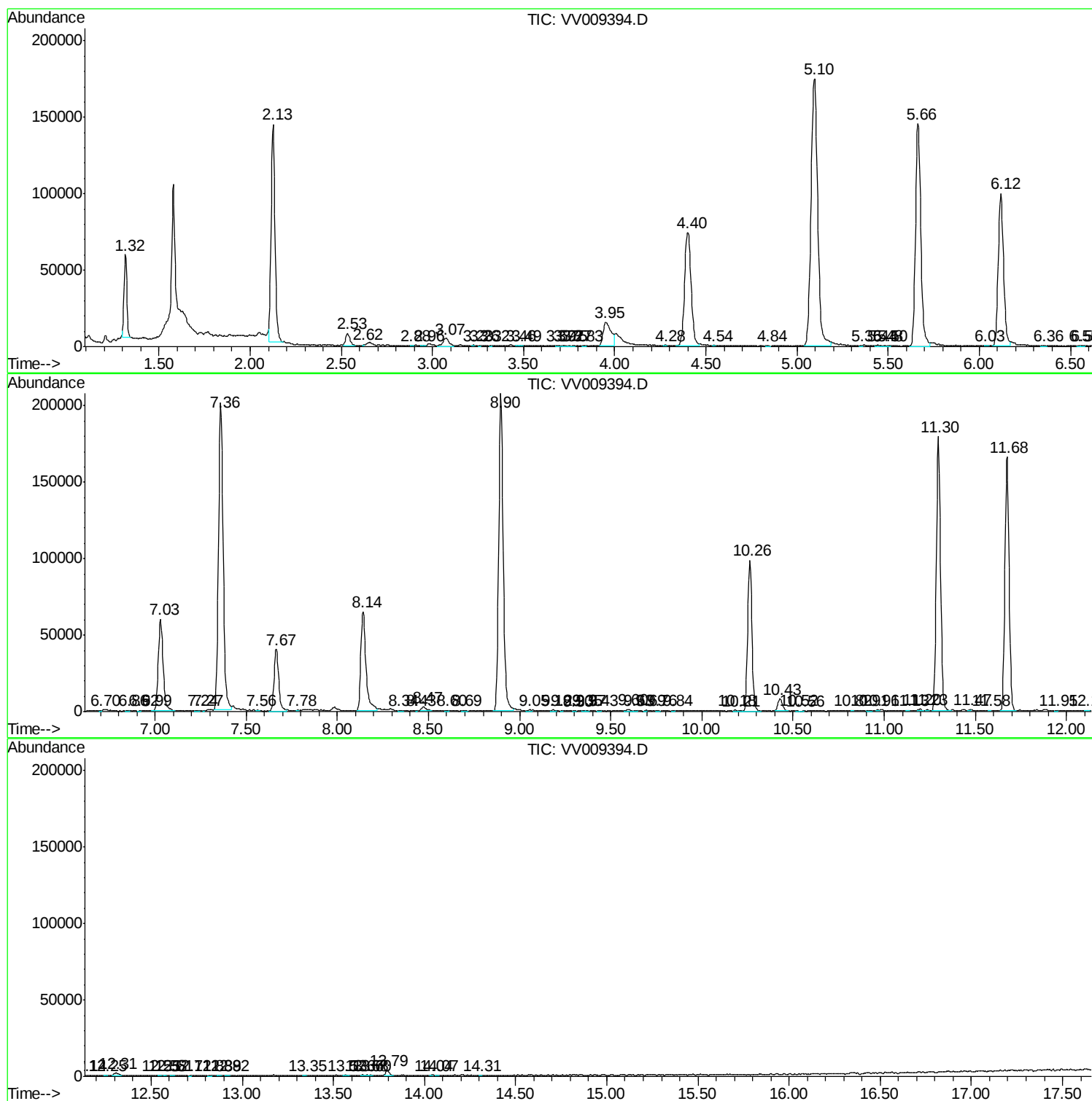
Sum of corrected areas: 3268421

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM022619S.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSV0A\_V\DATA\VV022719\  
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Instrument :  
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Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A\_V\METHOD\SOM2VLM022619S.M  
Quant Title : VOC Analysis

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\VV022719\  
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| TIC Top Hit name | RT | EstConc | Units | Response | --Internal Standard-- |
|------------------|----|---------|-------|----------|-----------------------|
|                  |    |         |       |          | # RT Resp Conc        |