

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100419\  
 Data File : VV013044.D  
 Acq On : 04 Oct 2019 13:18  
 Operator : SY/MD  
 Sample : K5202-06  
 Misc : 5.25G/10ML/MSVOA V/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0AB0

## 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\SOM2VLM092319S.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         | 1.315       | 63            | 70          | 89           | rVB      | 322528         | 355911        | 14.30%          | 1.929%        |
| 2         | 1.579       | 145           | 152         | 168          | rVB      | 295083         | 330772        | 13.29%          | 1.792%        |
| 3         | 2.129       | 312           | 323         | 336          | rBV      | 547217         | 782453        | 31.43%          | 4.240%        |
| 4         | 2.318       | 377           | 382         | 384          | rBV2     | 1887           | 2143          | 0.09%           | 0.012%        |
| 5         | 2.534       | 438           | 449         | 466          | rBV      | 41331          | 75029         | 3.01%           | 0.407%        |
| 6         | 2.650       | 476           | 485         | 498          | rBV2     | 9858           | 20415         | 0.82%           | 0.111%        |
| 7         | 2.801       | 524           | 532         | 536          | rBV7     | 2110           | 2646          | 0.11%           | 0.014%        |
| 8         | 2.859       | 548           | 550         | 555          | rVV3     | 682            | 591           | 0.02%           | 0.003%        |
| 9         | 2.971       | 575           | 585         | 602          | rVB6     | 5191           | 12593         | 0.51%           | 0.068%        |
| 10        | 3.074       | 602           | 617         | 635          | rBV3     | 10636          | 23639         | 0.95%           | 0.128%        |
| 11        | 3.177       | 643           | 649         | 652          | rBV6     | 886            | 1070          | 0.04%           | 0.006%        |
| 12        | 3.232       | 662           | 666         | 669          | rBV4     | 806            | 671           | 0.03%           | 0.004%        |
| 13        | 3.405       | 717           | 720         | 724          | rVB2     | 548            | 449           | 0.02%           | 0.002%        |
| 14        | 3.434       | 725           | 729         | 732          | rBV2     | 601            | 481           | 0.02%           | 0.003%        |
| 15        | 3.556       | 763           | 767         | 769          | rBV2     | 598            | 446           | 0.02%           | 0.002%        |
| 16        | 3.595       | 774           | 779         | 780          | rBV4     | 590            | 550           | 0.02%           | 0.003%        |
| 17        | 3.691       | 808           | 809         | 814          | rBV3     | 701            | 566           | 0.02%           | 0.003%        |
| 18        | 3.785       | 828           | 838         | 841          | rBV6     | 1594           | 2752          | 0.11%           | 0.015%        |
| 19        | 3.871       | 861           | 865         | 866          | rBV2     | 556            | 400           | 0.02%           | 0.002%        |
| 20        | 3.952       | 872           | 890         | 925          | rBV3     | 146279         | 613886        | 24.66%          | 3.326%        |
| 21        | 4.396       | 1011          | 1028        | 1054         | rBV      | 414132         | 1015313       | 40.79%          | 5.502%        |
| 22        | 4.791       | 1148          | 1151        | 1156         | rBV5     | 1158           | 977           | 0.04%           | 0.005%        |
| 23        | 4.855       | 1166          | 1171        | 1172         | rBV3     | 712            | 503           | 0.02%           | 0.003%        |
| 24        | 4.926       | 1189          | 1193        | 1195         | rBV2     | 677            | 442           | 0.02%           | 0.002%        |
| 25        | 4.952       | 1197          | 1201        | 1203         | rBV4     | 855            | 706           | 0.03%           | 0.004%        |
| 26        | 5.006       | 1216          | 1218        | 1220         | rBV3     | 810            | 440           | 0.02%           | 0.002%        |
| 27        | 5.093       | 1225          | 1245        | 1259         | rBV2     | 981818         | 2489235       | 100.00%         | 13.488%       |
| 28        | 5.428       | 1347          | 1349        | 1352         | rBV3     | 685            | 460           | 0.02%           | 0.002%        |
| 29        | 5.511       | 1372          | 1375        | 1377         | rBV3     | 907            | 540           | 0.02%           | 0.003%        |
| 30        | 5.527       | 1377          | 1380        | 1383         | rBV4     | 1812           | 1331          | 0.05%           | 0.007%        |
| 31        | 5.566       | 1390          | 1392        | 1395         | rVB3     | 1323           | 543           | 0.02%           | 0.003%        |
| 32        | 5.659       | 1407          | 1421        | 1457         | rBV      | 779006         | 1564751       | 62.86%          | 8.479%        |
| 33        | 5.945       | 1499          | 1510        | 1528         | rVB2     | 32898          | 65940         | 2.65%           | 0.357%        |
| 34        | 6.116       | 1547          | 1563        | 1590         | rVV      | 580277         | 1184134       | 47.57%          | 6.416%        |

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 Max Peaks: 100  
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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\SOM2VLM092319S.M  
 Title : VOC Analysis

|    |        |      |      |      |       |         |         |        |         |
|----|--------|------|------|------|-------|---------|---------|--------|---------|
| 35 | 6.334  | 1628 | 1631 | 1633 | rBV3  | 1065    | 897     | 0.04%  | 0.005%  |
| 36 | 6.476  | 1673 | 1675 | 1677 | rBV2  | 957     | 417     | 0.02%  | 0.002%  |
| 37 | 6.559  | 1693 | 1701 | 1703 | rBV7  | 1330    | 1828    | 0.07%  | 0.010%  |
| 38 | 6.624  | 1718 | 1721 | 1723 | rBV2  | 1150    | 697     | 0.03%  | 0.004%  |
| 39 | 6.646  | 1725 | 1728 | 1729 | rBV   | 978     | 611     | 0.02%  | 0.003%  |
| 40 | 6.768  | 1760 | 1766 | 1767 | rBV5  | 841     | 800     | 0.03%  | 0.004%  |
| 41 | 6.817  | 1770 | 1781 | 1794 | rVB5  | 14633   | 30485   | 1.22%  | 0.165%  |
| 42 | 6.932  | 1814 | 1817 | 1819 | rBV3  | 786     | 395     | 0.02%  | 0.002%  |
| 43 | 7.026  | 1829 | 1846 | 1867 | rBV   | 282816  | 516778  | 20.76% | 2.800%  |
| 44 | 7.299  | 1917 | 1931 | 1937 | rBV4  | 10075   | 22456   | 0.90%  | 0.122%  |
| 45 | 7.357  | 1937 | 1949 | 1967 | rBV   | 1110953 | 1892381 | 76.02% | 10.254% |
| 46 | 7.659  | 2033 | 2043 | 2064 | rBV   | 190562  | 325277  | 13.07% | 1.763%  |
| 47 | 7.778  | 2078 | 2080 | 2085 | rVB3  | 837     | 475     | 0.02%  | 0.003%  |
| 48 | 7.916  | 2119 | 2123 | 2131 | rVB7  | 2523    | 3500    | 0.14%  | 0.019%  |
| 49 | 7.977  | 2133 | 2142 | 2150 | rBV2  | 23051   | 41342   | 1.66%  | 0.224%  |
| 50 | 8.135  | 2179 | 2191 | 2225 | rBV2  | 313086  | 671651  | 26.98% | 3.639%  |
| 51 | 8.415  | 2270 | 2278 | 2286 | rBV6  | 8627    | 15271   | 0.61%  | 0.083%  |
| 52 | 8.463  | 2286 | 2293 | 2304 | rVB2  | 11909   | 19472   | 0.78%  | 0.106%  |
| 53 | 8.572  | 2324 | 2327 | 2330 | rBV5  | 938     | 723     | 0.03%  | 0.004%  |
| 54 | 8.701  | 2360 | 2367 | 2375 | rVB7  | 5372    | 8078    | 0.32%  | 0.044%  |
| 55 | 8.765  | 2382 | 2387 | 2393 | rVB7  | 959     | 1011    | 0.04%  | 0.005%  |
| 56 | 8.833  | 2406 | 2408 | 2411 | rVB3  | 677     | 416     | 0.02%  | 0.002%  |
| 57 | 8.894  | 2414 | 2427 | 2452 | rBV   | 1179077 | 1958028 | 78.66% | 10.610% |
| 58 | 9.058  | 2469 | 2478 | 2486 | rVB8  | 5113    | 9320    | 0.37%  | 0.051%  |
| 59 | 9.141  | 2502 | 2504 | 2506 | rBV2  | 1132    | 606     | 0.02%  | 0.003%  |
| 60 | 9.154  | 2506 | 2508 | 2509 | rVV   | 820     | 391     | 0.02%  | 0.002%  |
| 61 | 9.183  | 2509 | 2517 | 2527 | rVB4  | 4087    | 5936    | 0.24%  | 0.032%  |
| 62 | 9.347  | 2563 | 2568 | 2571 | rVB4  | 787     | 727     | 0.03%  | 0.004%  |
| 63 | 9.389  | 2575 | 2581 | 2582 | rBV2  | 791     | 649     | 0.03%  | 0.004%  |
| 64 | 9.440  | 2591 | 2597 | 2600 | rBV5  | 719     | 822     | 0.03%  | 0.004%  |
| 65 | 9.553  | 2629 | 2632 | 2634 | rBV3  | 809     | 420     | 0.02%  | 0.002%  |
| 66 | 9.579  | 2634 | 2640 | 2641 | rBV5  | 2259    | 1587    | 0.06%  | 0.009%  |
| 67 | 9.743  | 2688 | 2691 | 2693 | rBV3  | 1022    | 536     | 0.02%  | 0.003%  |
| 68 | 9.842  | 2714 | 2722 | 2726 | rBV5  | 1582    | 2287    | 0.09%  | 0.012%  |
| 69 | 9.945  | 2746 | 2754 | 2768 | rBV10 | 6200    | 12803   | 0.51%  | 0.069%  |
| 70 | 10.022 | 2773 | 2778 | 2779 | rBV3  | 571     | 455     | 0.02%  | 0.002%  |
| 71 | 10.051 | 2785 | 2787 | 2790 | rBV3  | 816     | 516     | 0.02%  | 0.003%  |

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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 >  
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Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM092319S.M  
 Title : VOC Analysis

|     |        |      |      |      |       |         |         |        |        |
|-----|--------|------|------|------|-------|---------|---------|--------|--------|
| 72  | 10.103 | 2799 | 2803 | 2805 | rVB3  | 814     | 524     | 0.02%  | 0.003% |
| 73  | 10.119 | 2805 | 2808 | 2809 | rBV2  | 1114    | 588     | 0.02%  | 0.003% |
| 74  | 10.164 | 2815 | 2822 | 2831 | rVB6  | 3505    | 4842    | 0.19%  | 0.026% |
| 75  | 10.257 | 2837 | 2851 | 2867 | rBV   | 553036  | 864916  | 34.75% | 4.687% |
| 76  | 10.421 | 2890 | 2902 | 2914 | rVB   | 46292   | 77294   | 3.11%  | 0.419% |
| 77  | 10.466 | 2914 | 2916 | 2919 | rBV3  | 687     | 405     | 0.02%  | 0.002% |
| 78  | 10.559 | 2941 | 2945 | 2946 | rBV   | 942     | 726     | 0.03%  | 0.004% |
| 79  | 10.614 | 2958 | 2962 | 2963 | rBV3  | 1716    | 1229    | 0.05%  | 0.007% |
| 80  | 10.759 | 3001 | 3007 | 3009 | rBV7  | 3340    | 3445    | 0.14%  | 0.019% |
| 81  | 10.810 | 3017 | 3023 | 3025 | rBV5  | 3829    | 3698    | 0.15%  | 0.020% |
| 82  | 10.865 | 3038 | 3040 | 3042 | rBV2  | 841     | 532     | 0.02%  | 0.003% |
| 83  | 10.958 | 3061 | 3069 | 3080 | rBV2  | 5757    | 11486   | 0.46%  | 0.062% |
| 84  | 11.074 | 3098 | 3105 | 3111 | rVV7  | 2082    | 3143    | 0.13%  | 0.017% |
| 85  | 11.189 | 3135 | 3141 | 3143 | rBV4  | 4509    | 4855    | 0.20%  | 0.026% |
| 86  | 11.231 | 3148 | 3154 | 3161 | rVB7  | 8511    | 11634   | 0.47%  | 0.063% |
| 87  | 11.292 | 3161 | 3173 | 3189 | rBV   | 1065524 | 1665266 | 66.90% | 9.023% |
| 88  | 11.511 | 3238 | 3241 | 3242 | rBV3  | 1260    | 712     | 0.03%  | 0.004% |
| 89  | 11.582 | 3257 | 3263 | 3265 | rBV5  | 2352    | 2492    | 0.10%  | 0.014% |
| 90  | 11.669 | 3277 | 3290 | 3306 | rBV   | 1007165 | 1621056 | 65.12% | 8.784% |
| 91  | 11.829 | 3335 | 3340 | 3349 | rVB10 | 3590    | 5434    | 0.22%  | 0.029% |
| 92  | 12.292 | 3477 | 3484 | 3498 | rVB2  | 13620   | 24958   | 1.00%  | 0.135% |
| 93  | 12.382 | 3506 | 3512 | 3513 | rBV4  | 1100    | 1169    | 0.05%  | 0.006% |
| 94  | 12.595 | 3574 | 3578 | 3581 | rBV4  | 1564    | 1031    | 0.04%  | 0.006% |
| 95  | 12.685 | 3601 | 3606 | 3607 | rBV3  | 2058    | 1512    | 0.06%  | 0.008% |
| 96  | 12.932 | 3674 | 3683 | 3689 | rBV8  | 4541    | 7213    | 0.29%  | 0.039% |
| 97  | 13.556 | 3873 | 3877 | 3882 | rBV6  | 2149    | 2064    | 0.08%  | 0.011% |
| 98  | 13.791 | 3942 | 3950 | 3961 | rVB2  | 19481   | 28852   | 1.16%  | 0.156% |
| 99  | 14.013 | 4016 | 4019 | 4020 | rBV3  | 1058    | 665     | 0.03%  | 0.004% |
| 100 | 14.170 | 4065 | 4068 | 4069 | rBV4  | 1282    | 596     | 0.02%  | 0.003% |

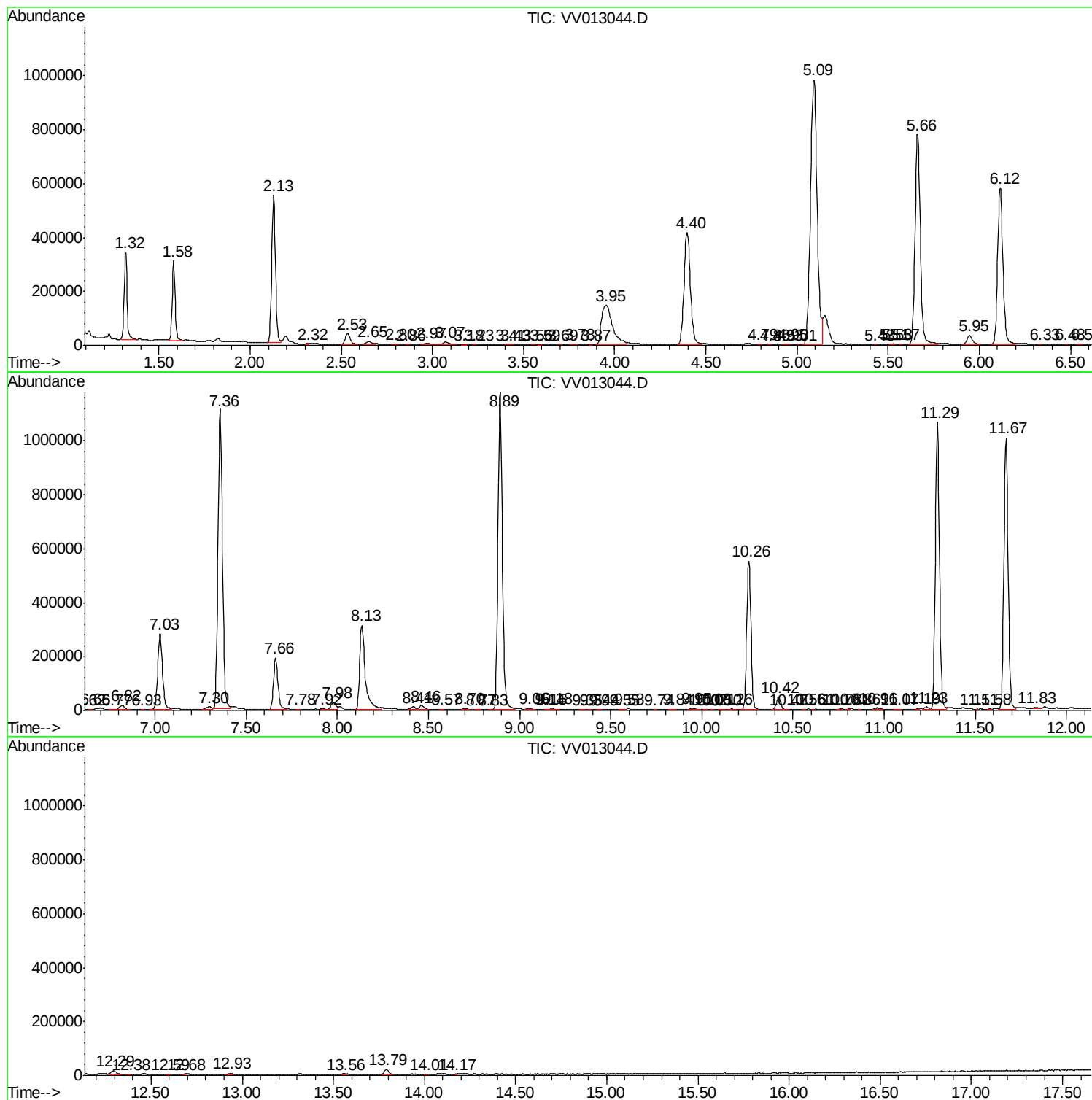
Sum of corrected areas: 18455159

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM092319S.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSV0A\_V\DATA\VV100419\  
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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        |