

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_V\DATA\VV041219\  
 Data File : VV010287.D  
 Acq On : 12 Apr 2019 15:04  
 Operator : SY/MD  
 Sample : K2328-15  
 Misc : 5.51G/10mL/MSVOA\_V/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 DB730

## 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<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       | 65            | 71          | 83           | rVB      | 94422          | 93190         | 11.56%          | 1.448%        |
| 2         | 1.566       | 141           | 148         | 163          | rVB      | 89411          | 110157        | 13.66%          | 1.712%        |
| 3         | 2.126       | 313           | 322         | 334          | rBV      | 219223         | 305407        | 37.87%          | 4.745%        |
| 4         | 2.315       | 375           | 381         | 394          | rVB7     | 2824           | 5368          | 0.67%           | 0.083%        |
| 5         | 2.537       | 439           | 450         | 467          | rVB2     | 28936          | 50800         | 6.30%           | 0.789%        |
| 6         | 2.640       | 480           | 482         | 484          | rVV      | 670            | 284           | 0.04%           | 0.004%        |
| 7         | 2.785       | 523           | 527         | 528          | rVV      | 478            | 272           | 0.03%           | 0.004%        |
| 8         | 2.894       | 557           | 561         | 564          | rBV      | 246            | 235           | 0.03%           | 0.004%        |
| 9         | 3.074       | 606           | 617         | 630          | rVB5     | 4778           | 9342          | 1.16%           | 0.145%        |
| 10        | 3.235       | 662           | 667         | 668          | rBV3     | 518            | 415           | 0.05%           | 0.006%        |
| 11        | 3.415       | 721           | 723         | 727          | rBV3     | 664            | 452           | 0.06%           | 0.007%        |
| 12        | 3.560       | 765           | 768         | 771          | rBV2     | 435            | 293           | 0.04%           | 0.005%        |
| 13        | 3.740       | 818           | 824         | 830          | rVB3     | 719            | 843           | 0.10%           | 0.013%        |
| 14        | 3.810       | 844           | 846         | 849          | rBV2     | 377            | 263           | 0.03%           | 0.004%        |
| 15        | 3.862       | 859           | 862         | 866          | rVB      | 415            | 330           | 0.04%           | 0.005%        |
| 16        | 3.933       | 873           | 884         | 905          | rBV2     | 25569          | 65520         | 8.13%           | 1.018%        |
| 17        | 4.203       | 967           | 968         | 972          | rVB2     | 479            | 300           | 0.04%           | 0.005%        |
| 18        | 4.222       | 972           | 974         | 979          | rBV2     | 422            | 316           | 0.04%           | 0.005%        |
| 19        | 4.315       | 999           | 1003        | 1007         | rBB2     | 461            | 379           | 0.05%           | 0.006%        |
| 20        | 4.399       | 1014          | 1029        | 1050         | rVV      | 143116         | 350761        | 43.50%          | 5.450%        |
| 21        | 4.814       | 1154          | 1158        | 1160         | rVV2     | 595            | 372           | 0.05%           | 0.006%        |
| 22        | 4.872       | 1173          | 1176        | 1180         | rVB2     | 490            | 370           | 0.05%           | 0.006%        |
| 23        | 4.894       | 1180          | 1183        | 1188         | rBV      | 505            | 548           | 0.07%           | 0.009%        |
| 24        | 4.958       | 1200          | 1203        | 1206         | rBV2     | 475            | 280           | 0.03%           | 0.004%        |
| 25        | 5.097       | 1228          | 1246        | 1265         | rBV3     | 318854         | 791072        | 98.10%          | 12.292%       |
| 26        | 5.441       | 1348          | 1353        | 1356         | rBV3     | 659            | 480           | 0.06%           | 0.007%        |
| 27        | 5.608       | 1403          | 1405        | 1408         | rVB      | 446            | 234           | 0.03%           | 0.004%        |
| 28        | 5.662       | 1408          | 1422        | 1448         | rBV      | 320208         | 636246        | 78.90%          | 9.886%        |
| 29        | 5.942       | 1503          | 1509        | 1519         | rVV7     | 2776           | 5081          | 0.63%           | 0.079%        |
| 30        | 6.016       | 1528          | 1532        | 1533         | rBV2     | 872            | 577           | 0.07%           | 0.009%        |
| 31        | 6.116       | 1550          | 1563        | 1580         | rBV2     | 188648         | 375083        | 46.51%          | 5.828%        |
| 32        | 6.277       | 1611          | 1613        | 1615         | rBV      | 477            | 245           | 0.03%           | 0.004%        |
| 33        | 6.425       | 1655          | 1659        | 1660         | rBV2     | 440            | 287           | 0.04%           | 0.004%        |
| 34        | 6.463       | 1667          | 1671        | 1674         | rVB4     | 586            | 379           | 0.05%           | 0.006%        |

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

|    |        |      |      |      |      |        |        |         |         |
|----|--------|------|------|------|------|--------|--------|---------|---------|
| 35 | 6.550  | 1694 | 1698 | 1703 | rVV2 | 549    | 384    | 0.05%   | 0.006%  |
| 36 | 6.579  | 1703 | 1707 | 1709 | rBV2 | 447    | 245    | 0.03%   | 0.004%  |
| 37 | 6.595  | 1709 | 1712 | 1716 | rBV2 | 603    | 419    | 0.05%   | 0.007%  |
| 38 | 6.646  | 1725 | 1728 | 1736 | rBV6 | 751    | 895    | 0.11%   | 0.014%  |
| 39 | 6.759  | 1761 | 1763 | 1765 | rVB  | 669    | 258    | 0.03%   | 0.004%  |
| 40 | 6.778  | 1765 | 1769 | 1775 | rBV3 | 610    | 741    | 0.09%   | 0.012%  |
| 41 | 6.826  | 1775 | 1784 | 1791 | rVV8 | 1823   | 3251   | 0.40%   | 0.051%  |
| 42 | 6.900  | 1803 | 1807 | 1813 | rVB3 | 429    | 502    | 0.06%   | 0.008%  |
| 43 | 7.029  | 1835 | 1847 | 1871 | rVV2 | 92726  | 164323 | 20.38%  | 2.553%  |
| 44 | 7.142  | 1879 | 1882 | 1886 | rBV3 | 907    | 481    | 0.06%   | 0.007%  |
| 45 | 7.254  | 1911 | 1917 | 1918 | rBV2 | 443    | 309    | 0.04%   | 0.005%  |
| 46 | 7.360  | 1938 | 1950 | 1968 | rBV  | 389038 | 670854 | 83.19%  | 10.424% |
| 47 | 7.608  | 2024 | 2027 | 2031 | rVB2 | 554    | 338    | 0.04%   | 0.005%  |
| 48 | 7.662  | 2033 | 2044 | 2060 | rBV2 | 60050  | 101413 | 12.58%  | 1.576%  |
| 49 | 7.855  | 2102 | 2104 | 2106 | rBV2 | 1074   | 528    | 0.07%   | 0.008%  |
| 50 | 7.920  | 2120 | 2124 | 2126 | rBV  | 650    | 530    | 0.07%   | 0.008%  |
| 51 | 8.019  | 2148 | 2155 | 2164 | rVB6 | 5468   | 9157   | 1.14%   | 0.142%  |
| 52 | 8.132  | 2179 | 2190 | 2211 | rBV2 | 85325  | 155279 | 19.26%  | 2.413%  |
| 53 | 8.344  | 2253 | 2256 | 2257 | rBV  | 594    | 368    | 0.05%   | 0.006%  |
| 54 | 8.412  | 2273 | 2277 | 2280 | rBV3 | 578    | 431    | 0.05%   | 0.007%  |
| 55 | 8.894  | 2415 | 2427 | 2459 | rBV  | 481859 | 806384 | 100.00% | 12.530% |
| 56 | 9.048  | 2472 | 2475 | 2477 | rBV2 | 827    | 516    | 0.06%   | 0.008%  |
| 57 | 9.138  | 2501 | 2503 | 2507 | rVB3 | 482    | 239    | 0.03%   | 0.004%  |
| 58 | 9.328  | 2559 | 2562 | 2566 | rVB2 | 629    | 423    | 0.05%   | 0.007%  |
| 59 | 9.489  | 2609 | 2612 | 2615 | rBV3 | 488    | 472    | 0.06%   | 0.007%  |
| 60 | 9.543  | 2626 | 2629 | 2632 | rBV2 | 416    | 382    | 0.05%   | 0.006%  |
| 61 | 9.579  | 2637 | 2640 | 2642 | rBV3 | 500    | 355    | 0.04%   | 0.006%  |
| 62 | 9.723  | 2681 | 2685 | 2688 | rBV3 | 526    | 424    | 0.05%   | 0.007%  |
| 63 | 9.817  | 2710 | 2714 | 2716 | rBV  | 438    | 315    | 0.04%   | 0.005%  |
| 64 | 9.923  | 2740 | 2747 | 2749 | rBV2 | 731    | 632    | 0.08%   | 0.010%  |
| 65 | 10.022 | 2775 | 2778 | 2779 | rBV2 | 394    | 247    | 0.03%   | 0.004%  |
| 66 | 10.260 | 2840 | 2852 | 2871 | rVB  | 179286 | 279283 | 34.63%  | 4.340%  |
| 67 | 10.415 | 2896 | 2900 | 2901 | rBV  | 3257   | 1818   | 0.23%   | 0.028%  |
| 68 | 10.547 | 2938 | 2941 | 2944 | rBV2 | 491    | 355    | 0.04%   | 0.006%  |
| 69 | 10.582 | 2949 | 2952 | 2956 | rBV2 | 609    | 360    | 0.04%   | 0.006%  |
| 70 | 10.614 | 2956 | 2962 | 2965 | rBV5 | 605    | 682    | 0.08%   | 0.011%  |
| 71 | 10.630 | 2965 | 2967 | 2973 | rVB2 | 1415   | 999    | 0.12%   | 0.016%  |

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 Smoothing : OFF  
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 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

|     |        |      |      |      |      |        |        |        |         |
|-----|--------|------|------|------|------|--------|--------|--------|---------|
| 72  | 10.739 | 2998 | 3001 | 3005 | rBV2 | 399    | 343    | 0.04%  | 0.005%  |
| 73  | 10.762 | 3006 | 3008 | 3011 | rVV  | 638    | 416    | 0.05%  | 0.006%  |
| 74  | 10.778 | 3011 | 3013 | 3017 | rVV3 | 695    | 613    | 0.08%  | 0.010%  |
| 75  | 10.807 | 3020 | 3022 | 3025 | rVV  | 801    | 414    | 0.05%  | 0.006%  |
| 76  | 10.823 | 3025 | 3027 | 3030 | rVV  | 475    | 290    | 0.04%  | 0.005%  |
| 77  | 10.839 | 3030 | 3032 | 3036 | rVB  | 436    | 241    | 0.03%  | 0.004%  |
| 78  | 10.961 | 3064 | 3070 | 3072 | rBV5 | 958    | 1000   | 0.12%  | 0.016%  |
| 79  | 11.022 | 3086 | 3089 | 3093 | rVB2 | 641    | 521    | 0.06%  | 0.008%  |
| 80  | 11.077 | 3104 | 3106 | 3109 | rBV  | 413    | 263    | 0.03%  | 0.004%  |
| 81  | 11.145 | 3124 | 3127 | 3128 | rBV2 | 364    | 255    | 0.03%  | 0.004%  |
| 82  | 11.193 | 3136 | 3142 | 3149 | rVB5 | 1331   | 1784   | 0.22%  | 0.028%  |
| 83  | 11.296 | 3162 | 3174 | 3192 | rBV  | 441711 | 758248 | 94.03% | 11.782% |
| 84  | 11.440 | 3213 | 3219 | 3224 | rVB6 | 1588   | 1810   | 0.22%  | 0.028%  |
| 85  | 11.672 | 3280 | 3291 | 3312 | rVB  | 380139 | 642171 | 79.64% | 9.978%  |
| 86  | 11.817 | 3334 | 3336 | 3341 | rVB3 | 722    | 455    | 0.06%  | 0.007%  |
| 87  | 12.038 | 3403 | 3405 | 3407 | rBV2 | 443    | 236    | 0.03%  | 0.004%  |
| 88  | 12.071 | 3412 | 3415 | 3418 | rBV  | 478    | 327    | 0.04%  | 0.005%  |
| 89  | 12.395 | 3513 | 3516 | 3520 | rBV3 | 735    | 598    | 0.07%  | 0.009%  |
| 90  | 12.563 | 3564 | 3568 | 3570 | rBV  | 314    | 279    | 0.03%  | 0.004%  |
| 91  | 12.672 | 3598 | 3602 | 3603 | rBV2 | 388    | 253    | 0.03%  | 0.004%  |
| 92  | 12.698 | 3608 | 3610 | 3615 | rVB2 | 578    | 460    | 0.06%  | 0.007%  |
| 93  | 12.833 | 3648 | 3652 | 3655 | rVB2 | 551    | 444    | 0.06%  | 0.007%  |
| 94  | 12.858 | 3657 | 3660 | 3661 | rBV2 | 645    | 381    | 0.05%  | 0.006%  |
| 95  | 13.132 | 3743 | 3745 | 3749 | rVV3 | 571    | 428    | 0.05%  | 0.007%  |
| 96  | 13.263 | 3783 | 3786 | 3790 | rBV3 | 623    | 559    | 0.07%  | 0.009%  |
| 97  | 13.354 | 3812 | 3814 | 3816 | rBV2 | 540    | 273    | 0.03%  | 0.004%  |
| 98  | 13.482 | 3850 | 3854 | 3857 | rBV3 | 787    | 551    | 0.07%  | 0.009%  |
| 99  | 13.794 | 3944 | 3951 | 3960 | rVB4 | 7520   | 11006  | 1.36%  | 0.171%  |
| 100 | 14.035 | 4023 | 4026 | 4029 | rBV2 | 685    | 410    | 0.05%  | 0.006%  |

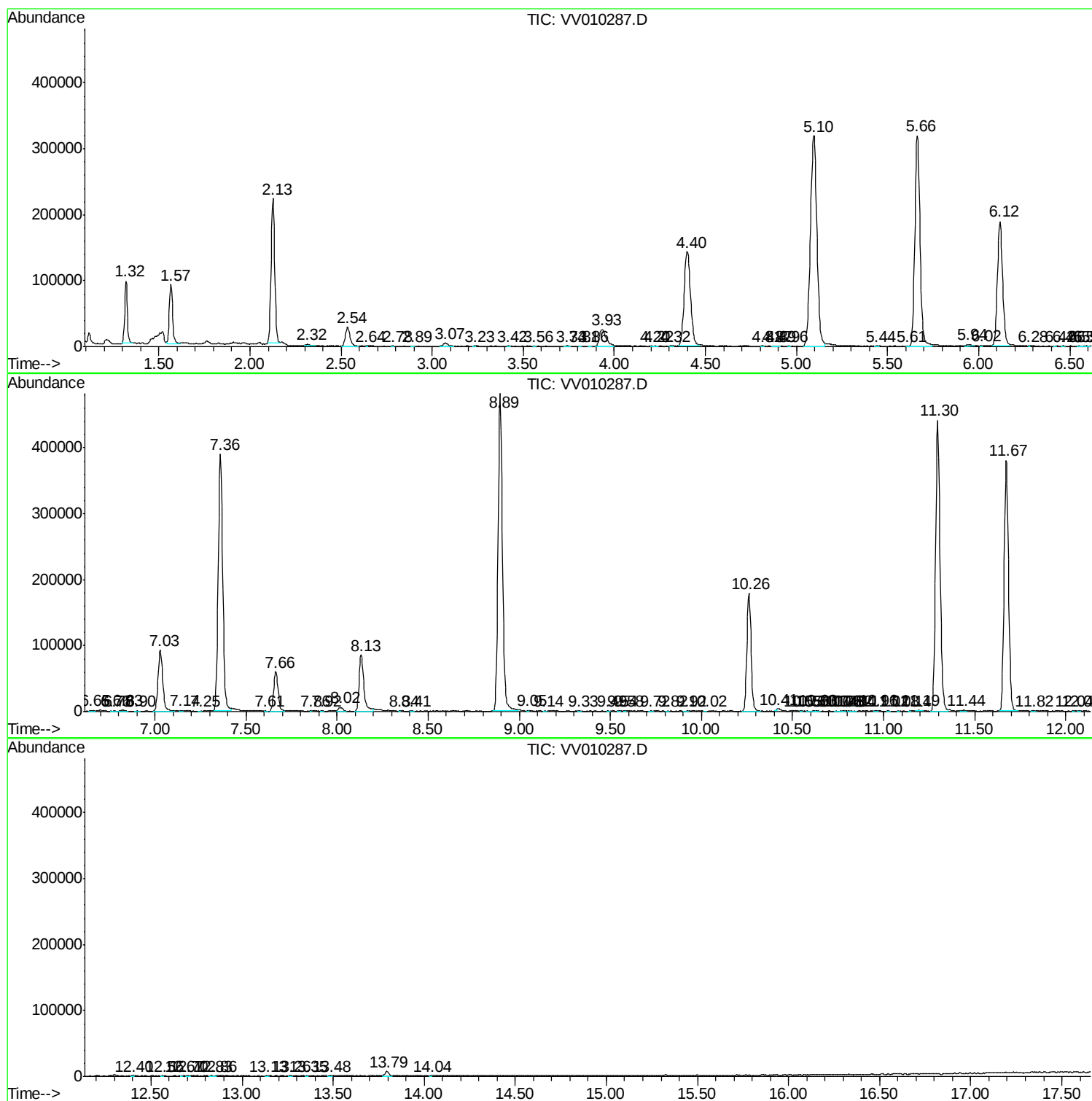
Sum of corrected areas: 6435802

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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\MSVOA\_V\DATA\VV041219\  
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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        |