

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031019\  
 Data File : VV009578.D  
 Acq On : 10 Mar 2019 20:12  
 Operator : SY/MD  
 Sample : K1818-05  
 Misc : 4.70G/10ML/MSVOA V/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BF2L0

## 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\SOM2VLM030519S.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         | 1.316       | 65            | 70          | 85           | rVB      | 43393          | 48059         | 4.63%           | 1.117%        |
| 2         | 1.573       | 144           | 150         | 162          | rVB      | 52451          | 63983         | 6.17%           | 1.487%        |
| 3         | 2.126       | 313           | 322         | 335          | rBV      | 123113         | 174298        | 16.81%          | 4.051%        |
| 4         | 2.402       | 406           | 408         | 409          | rBV      | 342            | 161           | 0.02%           | 0.004%        |
| 5         | 2.489       | 432           | 435         | 436          | rBV2     | 204            | 133           | 0.01%           | 0.003%        |
| 6         | 2.537       | 442           | 450         | 463          | rBV2     | 5566           | 8778          | 0.85%           | 0.204%        |
| 7         | 2.650       | 476           | 485         | 487          | rBV3     | 3833           | 4228          | 0.41%           | 0.098%        |
| 8         | 2.849       | 543           | 547         | 553          | rBV2     | 246            | 310           | 0.03%           | 0.007%        |
| 9         | 2.878       | 553           | 556         | 557          | rBV      | 133            | 85            | 0.01%           | 0.002%        |
| 10        | 3.016       | 596           | 599         | 601          | rBV      | 286            | 170           | 0.02%           | 0.004%        |
| 11        | 3.158       | 640           | 643         | 648          | rBV2     | 201            | 209           | 0.02%           | 0.005%        |
| 12        | 3.209       | 656           | 659         | 664          | rVB      | 280            | 224           | 0.02%           | 0.005%        |
| 13        | 3.238       | 664           | 668         | 671          | rBV      | 228            | 205           | 0.02%           | 0.005%        |
| 14        | 3.277       | 677           | 680         | 682          | rBV      | 167            | 101           | 0.01%           | 0.002%        |
| 15        | 3.483       | 741           | 744         | 747          | rBV      | 232            | 148           | 0.01%           | 0.003%        |
| 16        | 3.897       | 870           | 873         | 877          | rBV      | 215            | 148           | 0.01%           | 0.003%        |
| 17        | 3.946       | 877           | 888         | 889          | rBV      | 15162          | 19510         | 1.88%           | 0.453%        |
| 18        | 4.254       | 981           | 984         | 988          | rBV      | 612            | 547           | 0.05%           | 0.013%        |
| 19        | 4.287       | 992           | 994         | 997          | rBV3     | 181            | 122           | 0.01%           | 0.003%        |
| 20        | 4.328       | 1004          | 1007        | 1012         | rBV3     | 261            | 262           | 0.03%           | 0.006%        |
| 21        | 4.402       | 1013          | 1030        | 1051         | rBV2     | 74558          | 181297        | 17.48%          | 4.214%        |
| 22        | 4.566       | 1079          | 1081        | 1085         | rVB2     | 308            | 170           | 0.02%           | 0.004%        |
| 23        | 4.624       | 1096          | 1099        | 1100         | rBV      | 212            | 122           | 0.01%           | 0.003%        |
| 24        | 4.669       | 1110          | 1113        | 1118         | rVB2     | 394            | 296           | 0.03%           | 0.007%        |
| 25        | 4.708       | 1118          | 1125        | 1127         | rBV2     | 214            | 266           | 0.03%           | 0.006%        |
| 26        | 4.740       | 1132          | 1135        | 1138         | rVB      | 229            | 158           | 0.02%           | 0.004%        |
| 27        | 4.759       | 1138          | 1141        | 1144         | rBV2     | 195            | 137           | 0.01%           | 0.003%        |
| 28        | 4.917       | 1185          | 1190        | 1192         | rBV2     | 203            | 222           | 0.02%           | 0.005%        |
| 29        | 4.933       | 1192          | 1195        | 1196         | rBV      | 199            | 115           | 0.01%           | 0.003%        |
| 30        | 5.097       | 1228          | 1246        | 1264         | rBV3     | 167746         | 416957        | 40.20%          | 9.691%        |
| 31        | 5.389       | 1334          | 1337        | 1339         | rBV2     | 403            | 285           | 0.03%           | 0.007%        |
| 32        | 5.560       | 1382          | 1390        | 1392         | rBV2     | 395            | 519           | 0.05%           | 0.012%        |
| 33        | 5.666       | 1409          | 1423        | 1448         | rBV      | 138213         | 284516        | 27.43%          | 6.613%        |
| 34        | 5.955       | 1508          | 1513        | 1516         | rBV2     | 1708           | 1763          | 0.17%           | 0.041%        |

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Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM030519S.M  
 Title : VOC Analysis

|    |       |      |      |      |      |        |         |         |         |
|----|-------|------|------|------|------|--------|---------|---------|---------|
| 35 | 6.048 | 1540 | 1542 | 1544 | rBV  | 295    | 92      | 0.01%   | 0.002%  |
| 36 | 6.119 | 1549 | 1564 | 1586 | rBV2 | 97224  | 198618  | 19.15%  | 4.616%  |
| 37 | 6.280 | 1611 | 1614 | 1618 | rBV3 | 349    | 246     | 0.02%   | 0.006%  |
| 38 | 6.299 | 1618 | 1620 | 1624 | rVB2 | 176    | 98      | 0.01%   | 0.002%  |
| 39 | 6.376 | 1640 | 1644 | 1646 | rBV2 | 231    | 185     | 0.02%   | 0.004%  |
| 40 | 6.444 | 1661 | 1665 | 1666 | rBV  | 187    | 148     | 0.01%   | 0.003%  |
| 41 | 6.489 | 1676 | 1679 | 1684 | rBV2 | 259    | 217     | 0.02%   | 0.005%  |
| 42 | 6.650 | 1724 | 1729 | 1731 | rBV2 | 257    | 224     | 0.02%   | 0.005%  |
| 43 | 6.701 | 1739 | 1745 | 1748 | rBV3 | 705    | 801     | 0.08%   | 0.019%  |
| 44 | 6.775 | 1764 | 1768 | 1769 | rBV  | 219    | 167     | 0.02%   | 0.004%  |
| 45 | 6.926 | 1812 | 1815 | 1818 | rVB  | 212    | 102     | 0.01%   | 0.002%  |
| 46 | 7.029 | 1835 | 1847 | 1865 | rBV2 | 53074  | 95677   | 9.23%   | 2.224%  |
| 47 | 7.106 | 1869 | 1871 | 1875 | rVV  | 249    | 151     | 0.01%   | 0.004%  |
| 48 | 7.283 | 1923 | 1926 | 1927 | rBV  | 449    | 264     | 0.03%   | 0.006%  |
| 49 | 7.360 | 1937 | 1950 | 1983 | rBV  | 195120 | 355116  | 34.24%  | 8.254%  |
| 50 | 7.569 | 2013 | 2015 | 2019 | rVB2 | 322    | 171     | 0.02%   | 0.004%  |
| 51 | 7.666 | 2035 | 2045 | 2059 | rBV2 | 32710  | 54956   | 5.30%   | 1.277%  |
| 52 | 7.743 | 2067 | 2069 | 2071 | rVB2 | 313    | 107     | 0.01%   | 0.002%  |
| 53 | 7.759 | 2071 | 2074 | 2078 | rBV  | 180    | 115     | 0.01%   | 0.003%  |
| 54 | 7.913 | 2119 | 2122 | 2127 | rBV2 | 354    | 328     | 0.03%   | 0.008%  |
| 55 | 8.019 | 2142 | 2155 | 2181 | rBV  | 598502 | 1037090 | 100.00% | 24.104% |
| 56 | 8.135 | 2183 | 2191 | 2219 | rVB  | 53772  | 98038   | 9.45%   | 2.279%  |
| 57 | 8.431 | 2281 | 2283 | 2288 | rBV2 | 228    | 195     | 0.02%   | 0.005%  |
| 58 | 8.457 | 2288 | 2291 | 2293 | rBV  | 764    | 563     | 0.05%   | 0.013%  |
| 59 | 8.579 | 2324 | 2329 | 2330 | rBV2 | 283    | 198     | 0.02%   | 0.005%  |
| 60 | 8.643 | 2346 | 2349 | 2351 | rBV  | 241    | 129     | 0.01%   | 0.003%  |
| 61 | 8.897 | 2416 | 2428 | 2465 | rVV  | 221904 | 373183  | 35.98%  | 8.674%  |
| 62 | 9.061 | 2475 | 2479 | 2482 | rBV2 | 340    | 329     | 0.03%   | 0.008%  |
| 63 | 9.187 | 2515 | 2518 | 2522 | rBV2 | 306    | 330     | 0.03%   | 0.008%  |
| 64 | 9.238 | 2531 | 2534 | 2536 | rBV  | 233    | 168     | 0.02%   | 0.004%  |
| 65 | 9.370 | 2566 | 2575 | 2581 | rBV2 | 417    | 786     | 0.08%   | 0.018%  |
| 66 | 9.450 | 2597 | 2600 | 2603 | rBV  | 234    | 124     | 0.01%   | 0.003%  |
| 67 | 9.476 | 2603 | 2608 | 2610 | rBV2 | 194    | 169     | 0.02%   | 0.004%  |
| 68 | 9.630 | 2651 | 2656 | 2661 | rVB2 | 201    | 225     | 0.02%   | 0.005%  |
| 69 | 9.740 | 2684 | 2690 | 2693 | rBV2 | 246    | 256     | 0.02%   | 0.006%  |
| 70 | 9.839 | 2719 | 2721 | 2723 | rBV  | 323    | 109     | 0.01%   | 0.003%  |
| 71 | 9.952 | 2753 | 2756 | 2759 | rBV2 | 218    | 136     | 0.01%   | 0.003%  |

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 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\SOM2VLM030519S.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |        |        |        |
|-----|--------|------|------|------|------|--------|--------|--------|--------|
| 72  | 10.055 | 2785 | 2788 | 2790 | rBV  | 185    | 130    | 0.01%  | 0.003% |
| 73  | 10.264 | 2841 | 2853 | 2873 | rVB  | 95775  | 151666 | 14.62% | 3.525% |
| 74  | 10.428 | 2893 | 2904 | 2916 | rBV5 | 8646   | 15839  | 1.53%  | 0.368% |
| 75  | 10.621 | 2962 | 2964 | 2966 | rBV  | 189    | 121    | 0.01%  | 0.003% |
| 76  | 10.662 | 2973 | 2977 | 2980 | rBV2 | 220    | 217    | 0.02%  | 0.005% |
| 77  | 10.846 | 3031 | 3034 | 3036 | rBV  | 284    | 204    | 0.02%  | 0.005% |
| 78  | 11.193 | 3139 | 3142 | 3147 | rBV2 | 358    | 328    | 0.03%  | 0.008% |
| 79  | 11.232 | 3151 | 3154 | 3158 | rVB2 | 315    | 227    | 0.02%  | 0.005% |
| 80  | 11.296 | 3158 | 3174 | 3194 | rBV  | 213270 | 356132 | 34.34% | 8.277% |
| 81  | 11.402 | 3205 | 3207 | 3212 | rBV  | 229    | 225    | 0.02%  | 0.005% |
| 82  | 11.434 | 3214 | 3217 | 3219 | rBV2 | 399    | 239    | 0.02%  | 0.006% |
| 83  | 11.572 | 3255 | 3260 | 3264 | rBV3 | 1017   | 1252   | 0.12%  | 0.029% |
| 84  | 11.675 | 3279 | 3292 | 3308 | rBV  | 200079 | 337989 | 32.59% | 7.856% |
| 85  | 11.778 | 3321 | 3324 | 3327 | rVB2 | 249    | 154    | 0.01%  | 0.004% |
| 86  | 11.891 | 3354 | 3359 | 3361 | rBV3 | 657    | 466    | 0.04%  | 0.011% |
| 87  | 12.132 | 3430 | 3434 | 3437 | rBV2 | 354    | 289    | 0.03%  | 0.007% |
| 88  | 12.302 | 3477 | 3487 | 3497 | rBV2 | 3224   | 5884   | 0.57%  | 0.137% |
| 89  | 12.514 | 3550 | 3553 | 3556 | rBV  | 251    | 198    | 0.02%  | 0.005% |
| 90  | 12.852 | 3652 | 3658 | 3663 | rBV2 | 271    | 377    | 0.04%  | 0.009% |
| 91  | 12.904 | 3669 | 3674 | 3679 | rBV  | 390    | 363    | 0.04%  | 0.008% |
| 92  | 12.936 | 3682 | 3684 | 3688 | rVB  | 290    | 168    | 0.02%  | 0.004% |
| 93  | 13.180 | 3758 | 3760 | 3762 | rVB  | 270    | 103    | 0.01%  | 0.002% |
| 94  | 13.254 | 3780 | 3783 | 3787 | rBV  | 333    | 226    | 0.02%  | 0.005% |
| 95  | 13.347 | 3807 | 3812 | 3813 | rBV2 | 405    | 240    | 0.02%  | 0.006% |
| 96  | 13.431 | 3836 | 3838 | 3846 | rVB2 | 239    | 189    | 0.02%  | 0.004% |
| 97  | 13.505 | 3858 | 3861 | 3863 | rBV2 | 292    | 204    | 0.02%  | 0.005% |
| 98  | 14.010 | 4016 | 4018 | 4020 | rBV  | 195    | 100    | 0.01%  | 0.002% |
| 99  | 14.392 | 4134 | 4137 | 4141 | rBV2 | 381    | 329    | 0.03%  | 0.008% |
| 100 | 14.437 | 4148 | 4151 | 4154 | rBV  | 423    | 391    | 0.04%  | 0.009% |

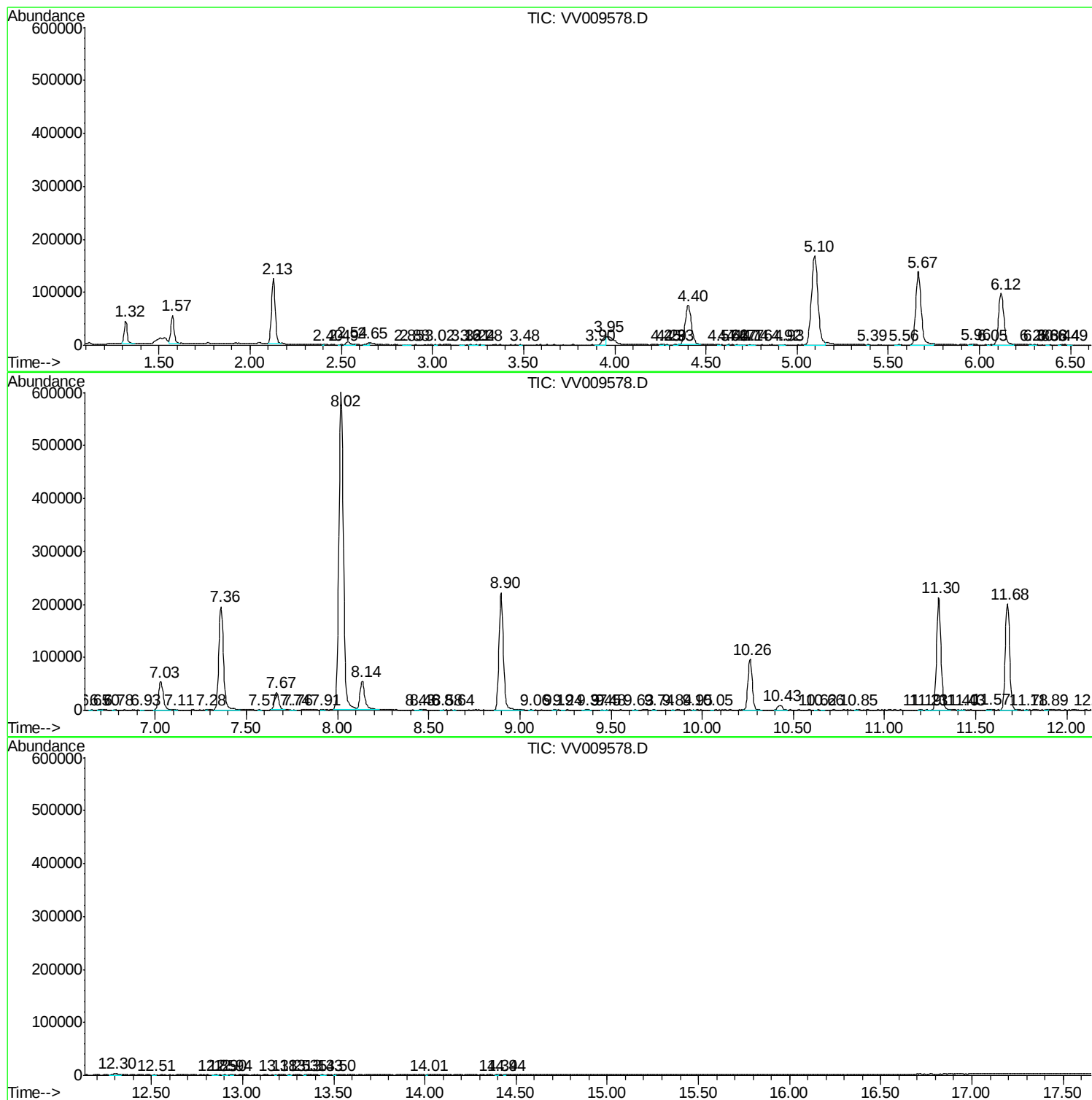
Sum of corrected areas: 4302565

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM030519S.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_V\DATA\VV031019\  
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM030519S.M  
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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 |

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