

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\VU072619\  
 Data File : VU033458.D  
 Acq On : 26 Jul 2019 17:05  
 Operator : JC/SP  
 Sample : K3976-02DL 100X  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0CB3DL

## 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\_U\METHOD\SOMULM071219WMA.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      | 1.389    | 86         | 93       | 106       | rVB   | 170759      | 177937     | 16.26%       | 1.980%     |
| 2      | 1.540    | 134        | 140      | 148       | rVB2  | 17445       | 21260      | 1.94%        | 0.237%     |
| 3      | 1.669    | 172        | 180      | 196       | rVB   | 141937      | 182002     | 16.63%       | 2.026%     |
| 4      | 2.254    | 352        | 362      | 375       | rVB   | 259158      | 400835     | 36.62%       | 4.461%     |
| 5      | 2.431    | 411        | 417      | 419       | rBV3  | 826         | 810        | 0.07%        | 0.009%     |
| 6      | 2.508    | 439        | 441      | 445       | rBV2  | 342         | 256        | 0.02%        | 0.003%     |
| 7      | 2.605    | 467        | 471      | 473       | rBV2  | 264         | 200        | 0.02%        | 0.002%     |
| 8      | 2.679    | 490        | 494      | 500       | rBV5  | 942         | 1193       | 0.11%        | 0.013%     |
| 9      | 2.817    | 522        | 537      | 552       | rBV2  | 8999        | 18394      | 1.68%        | 0.205%     |
| 10     | 2.952    | 574        | 579      | 581       | rBV2  | 200         | 169        | 0.02%        | 0.002%     |
| 11     | 3.096    | 622        | 624      | 626       | rBV2  | 323         | 185        | 0.02%        | 0.002%     |
| 12     | 3.244    | 663        | 670      | 675       | rBV2  | 165         | 262        | 0.02%        | 0.003%     |
| 13     | 3.270    | 676        | 678      | 683       | rVB2  | 335         | 186        | 0.02%        | 0.002%     |
| 14     | 3.293    | 683        | 685      | 688       | rBV2  | 339         | 171        | 0.02%        | 0.002%     |
| 15     | 3.354    | 701        | 704      | 706       | rBV2  | 284         | 201        | 0.02%        | 0.002%     |
| 16     | 3.627    | 783        | 789      | 794       | rVB2  | 258         | 329        | 0.03%        | 0.004%     |
| 17     | 3.656    | 794        | 798      | 801       | rBV2  | 299         | 256        | 0.02%        | 0.003%     |
| 18     | 3.913    | 876        | 878      | 883       | rVV2  | 219         | 250        | 0.02%        | 0.003%     |
| 19     | 3.942    | 883        | 887      | 889       | rVV2  | 326         | 299        | 0.03%        | 0.003%     |
| 20     | 3.955    | 889        | 891      | 895       | rVB   | 331         | 207        | 0.02%        | 0.002%     |
| 21     | 4.151    | 936        | 952      | 998       | rBV   | 96063       | 287988     | 26.31%       | 3.205%     |
| 22     | 4.624    | 1081       | 1099     | 1124      | rBV   | 179536      | 444762     | 40.64%       | 4.950%     |
| 23     | 4.756    | 1137       | 1140     | 1144      | rBV3  | 354         | 229        | 0.02%        | 0.003%     |
| 24     | 4.833    | 1161       | 1164     | 1166      | rBV2  | 258         | 191        | 0.02%        | 0.002%     |
| 25     | 4.862    | 1166       | 1173     | 1175      | rBV3  | 706         | 849        | 0.08%        | 0.009%     |
| 26     | 4.949    | 1196       | 1200     | 1202      | rVB2  | 447         | 278        | 0.03%        | 0.003%     |
| 27     | 5.006    | 1215       | 1218     | 1222      | rBV2  | 220         | 178        | 0.02%        | 0.002%     |
| 28     | 5.051    | 1228       | 1232     | 1235      | rVB2  | 186         | 175        | 0.02%        | 0.002%     |
| 29     | 5.122    | 1250       | 1254     | 1256      | rVB2  | 286         | 202        | 0.02%        | 0.002%     |
| 30     | 5.186    | 1271       | 1274     | 1279      | rVB2  | 238         | 234        | 0.02%        | 0.003%     |
| 31     | 5.315    | 1289       | 1314     | 1351      | rBV2  | 364962      | 1094512    | 100.00%      | 12.182%    |
| 32     | 5.656    | 1418       | 1420     | 1424      | rBV2  | 222         | 162        | 0.01%        | 0.002%     |
| 33     | 5.685    | 1426       | 1429     | 1432      | rBV2  | 286         | 205        | 0.02%        | 0.002%     |
| 34     | 5.733    | 1439       | 1444     | 1448      | rVB3  | 377         | 441        | 0.04%        | 0.005%     |

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Instrument :  
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 ClientSampleId :  
 C0CB3DL

## Integration Parameters: LSCINT.P

Integrator: RTE  
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 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\_U\METHOD\SOMULM071219WMA.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 35 | 5.759  | 1448 | 1452 | 1455 | rVB2 | 274    | 216    | 0.02%  | 0.002% |
| 36 | 5.865  | 1472 | 1485 | 1516 | rBV  | 312515 | 635795 | 58.09% | 7.076% |
| 37 | 6.064  | 1544 | 1547 | 1550 | rVB2 | 494    | 269    | 0.02%  | 0.003% |
| 38 | 6.106  | 1557 | 1560 | 1565 | rVB  | 435    | 354    | 0.03%  | 0.004% |
| 39 | 6.164  | 1565 | 1578 | 1605 | rBV  | 255518 | 504071 | 46.05% | 5.610% |
| 40 | 6.309  | 1610 | 1623 | 1654 | rVB  | 246102 | 495463 | 45.27% | 5.514% |
| 41 | 6.521  | 1683 | 1689 | 1691 | rBV  | 212    | 207    | 0.02%  | 0.002% |
| 42 | 6.788  | 1767 | 1772 | 1775 | rBV2 | 199    | 177    | 0.02%  | 0.002% |
| 43 | 6.897  | 1804 | 1806 | 1811 | rBV2 | 211    | 163    | 0.01%  | 0.002% |
| 44 | 7.209  | 1890 | 1903 | 1928 | rVV  | 126186 | 231791 | 21.18% | 2.580% |
| 45 | 7.373  | 1952 | 1954 | 1959 | rBV2 | 442    | 365    | 0.03%  | 0.004% |
| 46 | 7.408  | 1962 | 1965 | 1970 | rVB3 | 401    | 277    | 0.03%  | 0.003% |
| 47 | 7.460  | 1977 | 1981 | 1983 | rBV  | 297    | 214    | 0.02%  | 0.002% |
| 48 | 7.546  | 1994 | 2008 | 2044 | rBV  | 467740 | 849365 | 77.60% | 9.453% |
| 49 | 7.833  | 2085 | 2097 | 2118 | rBV  | 90065  | 159036 | 14.53% | 1.770% |
| 50 | 8.026  | 2153 | 2157 | 2160 | rBV2 | 308    | 212    | 0.02%  | 0.002% |
| 51 | 8.058  | 2165 | 2167 | 2171 | rVB  | 356    | 207    | 0.02%  | 0.002% |
| 52 | 8.148  | 2192 | 2195 | 2197 | rBV  | 392    | 217    | 0.02%  | 0.002% |
| 53 | 8.167  | 2199 | 2201 | 2211 | rVB2 | 557    | 465    | 0.04%  | 0.005% |
| 54 | 8.212  | 2211 | 2215 | 2222 | rVB4 | 1063   | 1055   | 0.10%  | 0.012% |
| 55 | 8.296  | 2230 | 2241 | 2284 | rBV  | 288281 | 542300 | 49.55% | 6.036% |
| 56 | 8.540  | 2314 | 2317 | 2320 | rVB3 | 347    | 194    | 0.02%  | 0.002% |
| 57 | 8.604  | 2327 | 2337 | 2340 | rBV5 | 1302   | 1492   | 0.14%  | 0.017% |
| 58 | 8.694  | 2361 | 2365 | 2367 | rBV  | 304    | 228    | 0.02%  | 0.003% |
| 59 | 8.881  | 2419 | 2423 | 2426 | rVB2 | 222    | 167    | 0.02%  | 0.002% |
| 60 | 8.910  | 2426 | 2432 | 2434 | rBV2 | 235    | 179    | 0.02%  | 0.002% |
| 61 | 9.071  | 2468 | 2482 | 2525 | rBV  | 481923 | 836875 | 76.46% | 9.314% |
| 62 | 9.260  | 2539 | 2541 | 2548 | rVB2 | 331    | 319    | 0.03%  | 0.004% |
| 63 | 9.373  | 2574 | 2576 | 2581 | rVB2 | 274    | 189    | 0.02%  | 0.002% |
| 64 | 9.447  | 2597 | 2599 | 2602 | rVB2 | 304    | 166    | 0.02%  | 0.002% |
| 65 | 9.466  | 2602 | 2605 | 2608 | rBV  | 370    | 309    | 0.03%  | 0.003% |
| 66 | 9.546  | 2627 | 2630 | 2633 | rBV2 | 249    | 170    | 0.02%  | 0.002% |
| 67 | 9.585  | 2639 | 2642 | 2646 | rBV2 | 221    | 220    | 0.02%  | 0.002% |
| 68 | 9.704  | 2677 | 2679 | 2682 | rVB2 | 369    | 234    | 0.02%  | 0.003% |
| 69 | 9.723  | 2682 | 2685 | 2687 | rBV  | 281    | 201    | 0.02%  | 0.002% |
| 70 | 10.022 | 2773 | 2778 | 2780 | rBV2 | 216    | 225    | 0.02%  | 0.003% |
| 71 | 10.067 | 2788 | 2792 | 2795 | rVB3 | 368    | 298    | 0.03%  | 0.003% |

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Instrument :  
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 ClientSampleId :  
 C0CB3DL

## 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\_U\METHOD\SOMULM071219WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |        |        |        |
|-----|--------|------|------|------|------|--------|--------|--------|--------|
| 72  | 10.090 | 2795 | 2799 | 2802 | rBV2 | 524    | 432    | 0.04%  | 0.005% |
| 73  | 10.106 | 2802 | 2804 | 2810 | rVB  | 266    | 213    | 0.02%  | 0.002% |
| 74  | 10.186 | 2825 | 2829 | 2834 | rVV3 | 342    | 318    | 0.03%  | 0.004% |
| 75  | 10.225 | 2838 | 2841 | 2846 | rBV  | 279    | 260    | 0.02%  | 0.003% |
| 76  | 10.299 | 2861 | 2864 | 2867 | rVB2 | 340    | 235    | 0.02%  | 0.003% |
| 77  | 10.344 | 2872 | 2878 | 2882 | rBV3 | 397    | 423    | 0.04%  | 0.005% |
| 78  | 10.415 | 2888 | 2900 | 2926 | rVB  | 366553 | 586148 | 53.55% | 6.524% |
| 79  | 10.537 | 2935 | 2938 | 2942 | rVB  | 339    | 222    | 0.02%  | 0.002% |
| 80  | 10.691 | 2980 | 2986 | 2989 | rBV2 | 258    | 307    | 0.03%  | 0.003% |
| 81  | 10.794 | 3013 | 3018 | 3021 | rBV3 | 311    | 294    | 0.03%  | 0.003% |
| 82  | 10.845 | 3031 | 3034 | 3036 | rBV2 | 340    | 267    | 0.02%  | 0.003% |
| 83  | 11.064 | 3097 | 3102 | 3104 | rBV2 | 391    | 315    | 0.03%  | 0.004% |
| 84  | 11.151 | 3123 | 3129 | 3130 | rBV2 | 365    | 384    | 0.04%  | 0.004% |
| 85  | 11.180 | 3135 | 3138 | 3144 | rVB3 | 241    | 255    | 0.02%  | 0.003% |
| 86  | 11.344 | 3186 | 3189 | 3192 | rBV  | 300    | 253    | 0.02%  | 0.003% |
| 87  | 11.469 | 3215 | 3228 | 3248 | rBV  | 449377 | 717369 | 65.54% | 7.984% |
| 88  | 11.649 | 3282 | 3284 | 3287 | rBV2 | 449    | 193    | 0.02%  | 0.002% |
| 89  | 11.759 | 3316 | 3318 | 3322 | rVB2 | 380    | 213    | 0.02%  | 0.002% |
| 90  | 11.845 | 3328 | 3345 | 3369 | rBV  | 483276 | 774474 | 70.76% | 8.620% |
| 91  | 12.238 | 3462 | 3467 | 3468 | rBV2 | 286    | 217    | 0.02%  | 0.002% |
| 92  | 12.334 | 3495 | 3497 | 3500 | rVB2 | 428    | 275    | 0.03%  | 0.003% |
| 93  | 12.360 | 3501 | 3505 | 3508 | rBV  | 369    | 320    | 0.03%  | 0.004% |
| 94  | 12.427 | 3524 | 3526 | 3532 | rBV2 | 392    | 242    | 0.02%  | 0.003% |
| 95  | 12.456 | 3532 | 3535 | 3539 | rVB2 | 391    | 243    | 0.02%  | 0.003% |
| 96  | 12.762 | 3627 | 3630 | 3632 | rBV2 | 290    | 197    | 0.02%  | 0.002% |
| 97  | 12.894 | 3666 | 3671 | 3673 | rBV3 | 460    | 366    | 0.03%  | 0.004% |
| 98  | 13.093 | 3731 | 3733 | 3741 | rVB2 | 359    | 380    | 0.03%  | 0.004% |
| 99  | 13.318 | 3798 | 3803 | 3805 | rBV2 | 380    | 394    | 0.04%  | 0.004% |
| 100 | 13.633 | 3899 | 3901 | 3905 | rBV3 | 354    | 201    | 0.02%  | 0.002% |

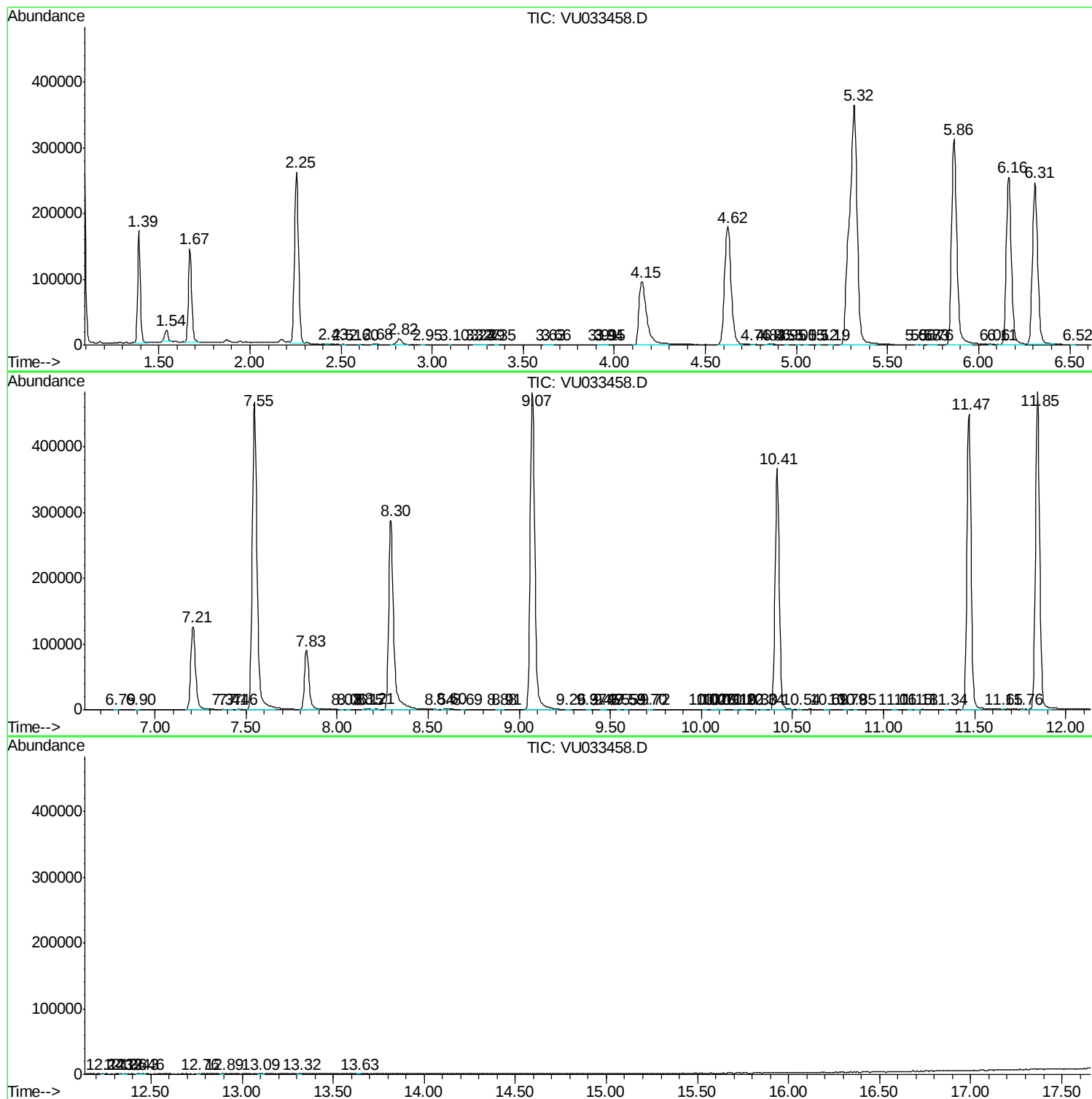
Sum of corrected areas: 8984903

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Sample : K3976-02DL 100X  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
C0CB3DL

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM071219WMA.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_U\DATA\VU072619\  
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM071219WMA.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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| TIC Top Hit name | RT | EstConc | Units | Response | ---Internal Standard--- |
|------------------|----|---------|-------|----------|-------------------------|
|                  |    |         |       |          | # RT Resp Conc          |