

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050219\  
 Data File : VV010657.D  
 Acq On : 03 May 2019 13:57  
 Operator : SY/MD  
 Sample : VV0502SBL03  
 Misc : 5.00G/10ML/MSVOA V/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VBLK79

## 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\SOM2VLM050219S.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      | 1.319    | 62         | 71       | 80        | rVB   | 74648       | 73828      | 10.65%       | 1.441%     |
| 2      | 1.518    | 130        | 133      | 136       | rBV2  | 623         | 584        | 0.08%        | 0.011%     |
| 3      | 1.573    | 141        | 150      | 165       | rBV   | 52350       | 61969      | 8.94%        | 1.209%     |
| 4      | 1.766    | 205        | 210      | 215       | rVB4  | 1761        | 1803       | 0.26%        | 0.035%     |
| 5      | 2.049    | 293        | 298      | 305       | rVB3  | 1702        | 1958       | 0.28%        | 0.038%     |
| 6      | 2.081    | 306        | 308      | 311       | rVV   | 416         | 217        | 0.03%        | 0.004%     |
| 7      | 2.123    | 311        | 321      | 334       | rVV   | 128422      | 183258     | 26.43%       | 3.576%     |
| 8      | 2.184    | 334        | 340      | 350       | rVB7  | 1934        | 2936       | 0.42%        | 0.057%     |
| 9      | 2.312    | 372        | 380      | 393       | rVB   | 3296        | 5521       | 0.80%        | 0.108%     |
| 10     | 2.534    | 441        | 449      | 464       | rVB4  | 4760        | 7382       | 1.06%        | 0.144%     |
| 11     | 2.946    | 572        | 577      | 581       | rBV2  | 283         | 275        | 0.04%        | 0.005%     |
| 12     | 3.016    | 596        | 599      | 605       | rVB   | 389         | 403        | 0.06%        | 0.008%     |
| 13     | 3.077    | 605        | 618      | 623       | rBV4  | 1718        | 2616       | 0.38%        | 0.051%     |
| 14     | 3.193    | 649        | 654      | 657       | rBV   | 215         | 220        | 0.03%        | 0.004%     |
| 15     | 3.396    | 714        | 717      | 723       | rBV2  | 369         | 346        | 0.05%        | 0.007%     |
| 16     | 3.463    | 731        | 738      | 742       | rVB2  | 305         | 323        | 0.05%        | 0.006%     |
| 17     | 3.595    | 775        | 779      | 782       | rBV   | 302         | 263        | 0.04%        | 0.005%     |
| 18     | 3.666    | 798        | 801      | 807       | rVB2  | 325         | 296        | 0.04%        | 0.006%     |
| 19     | 3.711    | 812        | 815      | 820       | rBV2  | 283         | 332        | 0.05%        | 0.006%     |
| 20     | 3.930    | 872        | 883      | 908       | rBV   | 21296       | 53364      | 7.70%        | 1.041%     |
| 21     | 4.138    | 943        | 948      | 952       | rBV2  | 305         | 290        | 0.04%        | 0.006%     |
| 22     | 4.399    | 1011       | 1029     | 1060      | rBV   | 113578      | 286600     | 41.33%       | 5.593%     |
| 23     | 4.518    | 1063       | 1066     | 1069      | rVB3  | 324         | 241        | 0.03%        | 0.005%     |
| 24     | 4.595    | 1087       | 1090     | 1094      | rVV   | 396         | 277        | 0.04%        | 0.005%     |
| 25     | 4.634    | 1098       | 1102     | 1106      | rBV2  | 254         | 262        | 0.04%        | 0.005%     |
| 26     | 5.093    | 1227       | 1245     | 1288      | rBV2  | 273189      | 693400     | 100.00%      | 13.531%    |
| 27     | 5.431    | 1347       | 1350     | 1354      | rVV   | 252         | 248        | 0.04%        | 0.005%     |
| 28     | 5.518    | 1374       | 1377     | 1380      | rBV2  | 352         | 225        | 0.03%        | 0.004%     |
| 29     | 5.601    | 1397       | 1403     | 1406      | rVB   | 307         | 332        | 0.05%        | 0.006%     |
| 30     | 5.663    | 1406       | 1422     | 1454      | rBV   | 223539      | 463047     | 66.78%       | 9.036%     |
| 31     | 5.949    | 1502       | 1511     | 1522      | rBV5  | 2589        | 5176       | 0.75%        | 0.101%     |
| 32     | 6.042    | 1537       | 1540     | 1542      | rBV2  | 448         | 332        | 0.05%        | 0.006%     |
| 33     | 6.116    | 1547       | 1563     | 1586      | rBV   | 154299      | 312178     | 45.02%       | 6.092%     |
| 34     | 6.219    | 1593       | 1595     | 1599      | rBV4  | 506         | 365        | 0.05%        | 0.007%     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050219\  
 Data File : VV010657.D  
 Acq On : 03 May 2019 13:57  
 Operator : SY/MD  
 Sample : VV0502SBL03  
 Misc : 5.00G/10ML/MSVOA V/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VBLK79

## 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\SOM2VLM050219S.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |        |        |         |
|----|--------|------|------|------|------|--------|--------|--------|---------|
| 35 | 6.405  | 1647 | 1653 | 1661 | rBV2 | 405    | 693    | 0.10%  | 0.014%  |
| 36 | 6.444  | 1661 | 1665 | 1669 | rVB  | 280    | 272    | 0.04%  | 0.005%  |
| 37 | 6.473  | 1669 | 1674 | 1678 | rBV2 | 233    | 284    | 0.04%  | 0.006%  |
| 38 | 6.534  | 1688 | 1693 | 1696 | rBV2 | 288    | 272    | 0.04%  | 0.005%  |
| 39 | 6.598  | 1708 | 1713 | 1720 | rBV  | 347    | 376    | 0.05%  | 0.007%  |
| 40 | 6.701  | 1735 | 1745 | 1752 | rBV7 | 1916   | 3530   | 0.51%  | 0.069%  |
| 41 | 6.765  | 1761 | 1765 | 1768 | rBV2 | 293    | 217    | 0.03%  | 0.004%  |
| 42 | 6.820  | 1768 | 1782 | 1792 | rBV4 | 5067   | 10440  | 1.51%  | 0.204%  |
| 43 | 6.926  | 1807 | 1815 | 1820 | rBV2 | 340    | 610    | 0.09%  | 0.012%  |
| 44 | 6.978  | 1828 | 1831 | 1834 | rVV  | 354    | 246    | 0.04%  | 0.005%  |
| 45 | 7.029  | 1834 | 1847 | 1875 | rVV  | 87502  | 155350 | 22.40% | 3.031%  |
| 46 | 7.302  | 1920 | 1932 | 1937 | rBV3 | 2829   | 4680   | 0.67%  | 0.091%  |
| 47 | 7.357  | 1937 | 1949 | 1967 | rBV  | 335539 | 595328 | 85.86% | 11.617% |
| 48 | 7.662  | 2033 | 2044 | 2067 | rBV  | 54801  | 91910  | 13.25% | 1.793%  |
| 49 | 7.881  | 2109 | 2112 | 2117 | rBV2 | 379    | 438    | 0.06%  | 0.009%  |
| 50 | 7.923  | 2117 | 2125 | 2131 | rVB4 | 659    | 898    | 0.13%  | 0.018%  |
| 51 | 7.955  | 2131 | 2135 | 2136 | rBV2 | 344    | 227    | 0.03%  | 0.004%  |
| 52 | 7.981  | 2136 | 2143 | 2150 | rVV5 | 2174   | 3343   | 0.48%  | 0.065%  |
| 53 | 8.132  | 2179 | 2190 | 2206 | rBV  | 78717  | 135242 | 19.50% | 2.639%  |
| 54 | 8.280  | 2232 | 2236 | 2247 | rVB4 | 1393   | 2537   | 0.37%  | 0.050%  |
| 55 | 8.386  | 2265 | 2269 | 2272 | rBV2 | 232    | 242    | 0.03%  | 0.005%  |
| 56 | 8.711  | 2364 | 2370 | 2375 | rBV3 | 263    | 292    | 0.04%  | 0.006%  |
| 57 | 8.814  | 2395 | 2402 | 2405 | rBV2 | 392    | 516    | 0.07%  | 0.010%  |
| 58 | 8.894  | 2415 | 2427 | 2457 | rBV  | 340292 | 590883 | 85.22% | 11.530% |
| 59 | 9.055  | 2472 | 2477 | 2485 | rVB3 | 491    | 649    | 0.09%  | 0.013%  |
| 60 | 9.344  | 2563 | 2567 | 2571 | rBV2 | 349    | 358    | 0.05%  | 0.007%  |
| 61 | 9.376  | 2573 | 2577 | 2580 | rBV2 | 217    | 227    | 0.03%  | 0.004%  |
| 62 | 9.643  | 2657 | 2660 | 2663 | rBV  | 317    | 236    | 0.03%  | 0.005%  |
| 63 | 10.026 | 2775 | 2779 | 2784 | rBV2 | 217    | 234    | 0.03%  | 0.005%  |
| 64 | 10.260 | 2839 | 2852 | 2875 | rVB2 | 136647 | 213265 | 30.76% | 4.162%  |
| 65 | 10.424 | 2896 | 2903 | 2912 | rVB4 | 3143   | 4649   | 0.67%  | 0.091%  |
| 66 | 10.961 | 3064 | 3070 | 3075 | rVV4 | 712    | 782    | 0.11%  | 0.015%  |
| 67 | 11.186 | 3133 | 3140 | 3148 | rBV4 | 1676   | 2847   | 0.41%  | 0.056%  |
| 68 | 11.296 | 3162 | 3174 | 3191 | rBV  | 340689 | 560652 | 80.86% | 10.940% |
| 69 | 11.367 | 3193 | 3196 | 3202 | rVB4 | 1561   | 1642   | 0.24%  | 0.032%  |
| 70 | 11.431 | 3210 | 3216 | 3225 | rVV4 | 1739   | 2712   | 0.39%  | 0.053%  |
| 71 | 11.476 | 3225 | 3230 | 3237 | rVB5 | 1547   | 1811   | 0.26%  | 0.035%  |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050219\  
 Data File : VV010657.D  
 Acq On : 03 May 2019 13:57  
 Operator : SY/MD  
 Sample : VV0502SBL03  
 Misc : 5.00G/10ML/MSVOA V/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VBLK79

## 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\SOM2VLM050219S.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |        |        |         |
|-----|--------|------|------|------|------|--------|--------|--------|---------|
| 72  | 11.672 | 3277 | 3291 | 3310 | rBV  | 338259 | 550112 | 79.34% | 10.735% |
| 73  | 11.826 | 3335 | 3339 | 3341 | rBV2 | 666    | 464    | 0.07%  | 0.009%  |
| 74  | 11.887 | 3351 | 3358 | 3364 | rVB4 | 1265   | 1511   | 0.22%  | 0.029%  |
| 75  | 11.948 | 3373 | 3377 | 3379 | rBV2 | 562    | 408    | 0.06%  | 0.008%  |
| 76  | 12.293 | 3475 | 3484 | 3496 | rBV3 | 2259   | 3718   | 0.54%  | 0.073%  |
| 77  | 12.373 | 3504 | 3509 | 3514 | rBV2 | 264    | 280    | 0.04%  | 0.005%  |
| 78  | 12.559 | 3564 | 3567 | 3573 | rBV  | 293    | 255    | 0.04%  | 0.005%  |
| 79  | 12.694 | 3603 | 3609 | 3614 | rBV2 | 773    | 941    | 0.14%  | 0.018%  |
| 80  | 12.801 | 3638 | 3642 | 3646 | rBV2 | 404    | 321    | 0.05%  | 0.006%  |
| 81  | 12.997 | 3700 | 3703 | 3708 | rBV2 | 228    | 227    | 0.03%  | 0.004%  |
| 82  | 13.135 | 3742 | 3746 | 3752 | rBV  | 301    | 334    | 0.05%  | 0.007%  |
| 83  | 13.305 | 3794 | 3799 | 3801 | rBV3 | 654    | 612    | 0.09%  | 0.012%  |
| 84  | 13.556 | 3870 | 3877 | 3885 | rBV2 | 1228   | 1635   | 0.24%  | 0.032%  |
| 85  | 13.698 | 3915 | 3921 | 3927 | rBV2 | 262    | 381    | 0.05%  | 0.007%  |
| 86  | 13.739 | 3931 | 3934 | 3937 | rVV  | 376    | 265    | 0.04%  | 0.005%  |
| 87  | 13.794 | 3943 | 3951 | 3959 | rVB3 | 6170   | 8782   | 1.27%  | 0.171%  |
| 88  | 13.945 | 3995 | 3998 | 4003 | rBV3 | 278    | 282    | 0.04%  | 0.006%  |
| 89  | 14.071 | 4032 | 4037 | 4038 | rBV2 | 584    | 492    | 0.07%  | 0.010%  |
| 90  | 14.199 | 4072 | 4077 | 4080 | rBV3 | 250    | 281    | 0.04%  | 0.005%  |
| 91  | 14.231 | 4083 | 4087 | 4091 | rBV4 | 686    | 678    | 0.10%  | 0.013%  |
| 92  | 14.270 | 4096 | 4099 | 4106 | rVB3 | 360    | 396    | 0.06%  | 0.008%  |
| 93  | 14.328 | 4114 | 4117 | 4119 | rBV2 | 352    | 254    | 0.04%  | 0.005%  |
| 94  | 14.485 | 4163 | 4166 | 4169 | rBV2 | 283    | 253    | 0.04%  | 0.005%  |
| 95  | 14.688 | 4226 | 4229 | 4232 | rBV3 | 424    | 326    | 0.05%  | 0.006%  |
| 96  | 14.755 | 4247 | 4250 | 4253 | rBV2 | 281    | 229    | 0.03%  | 0.004%  |
| 97  | 15.157 | 4372 | 4375 | 4377 | rBV2 | 438    | 285    | 0.04%  | 0.006%  |
| 98  | 15.665 | 4530 | 4533 | 4534 | rBV2 | 477    | 264    | 0.04%  | 0.005%  |
| 99  | 15.910 | 4606 | 4609 | 4614 | rBV3 | 436    | 469    | 0.07%  | 0.009%  |
| 100 | 16.135 | 4676 | 4679 | 4684 | rBV2 | 527    | 416    | 0.06%  | 0.008%  |

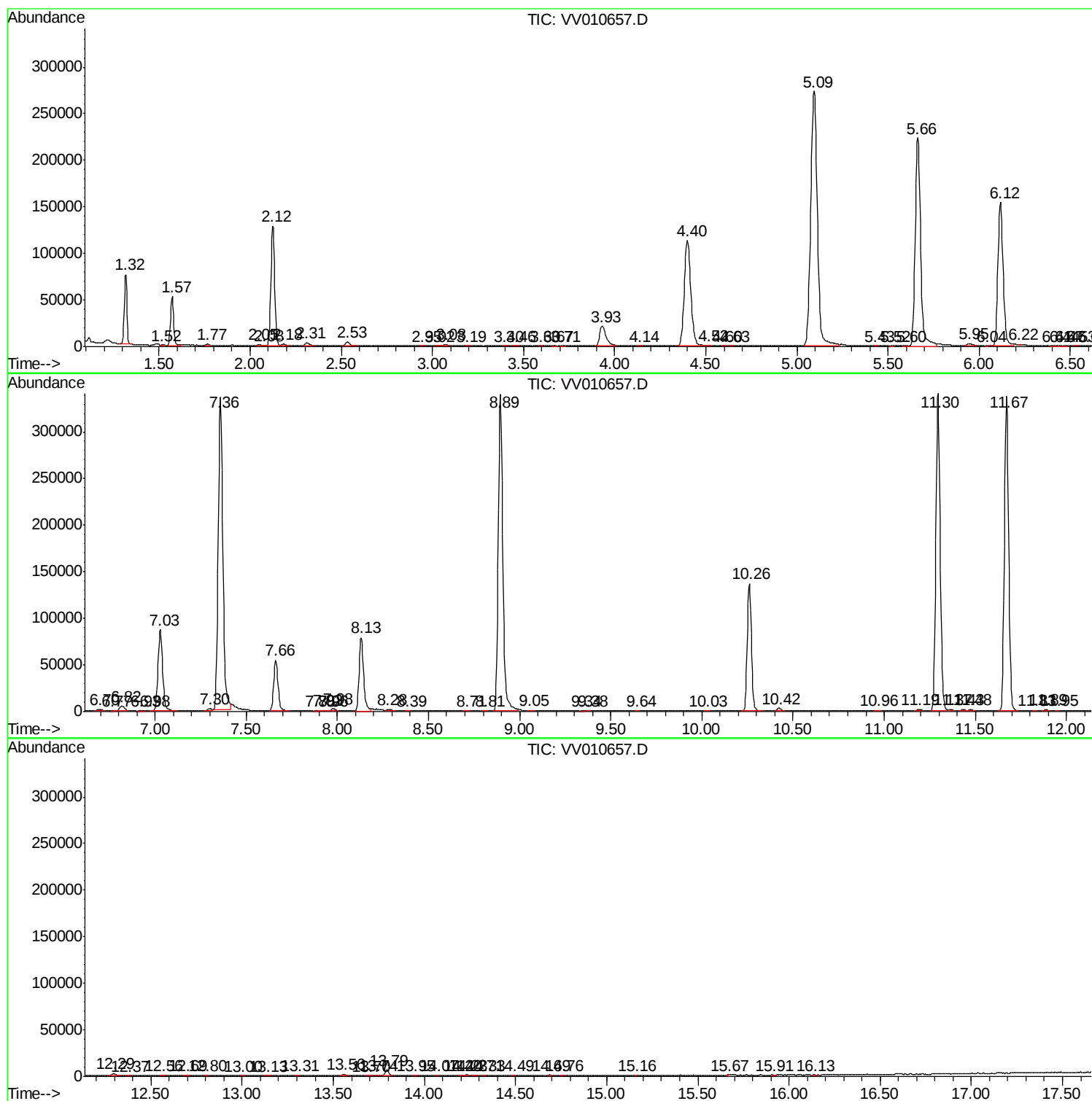
Sum of corrected areas: 5124628

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV050219\  
Data File : VV010657.D  
Acq On : 03 May 2019 13:57  
Operator : SY/MD  
Sample : VV0502SBL03  
Misc : 5.00G/10ML/MSVOA V/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
VBLK79

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM050219S.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSV0A\_V\DATA\VV050219\  
Data File : VV010657.D  
Acq On : 03 May 2019 13:57  
Operator : SY/MD  
Sample : VV0502SBL03  
Misc : 5.00G/10ML/MSV0A\_V/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSV0A\_V  
ClientSampleId :  
VBLK79

Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A\_V\METHOD\SOM2VLM050219S.M  
Quant Title : VOC Analysis

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

No Library Search Compounds Detected

\*\*\*\*\*

Data Path : Z:\V0ASRV\HPCHEM1\MSV0A\_V\DATA\VV050219\  
Data File : VV010657.D  
Acq On : 03 May 2019 13:57  
Operator : SY/MD  
Sample : VV0502SBL03  
Misc : 5.00G/10ML/MSV0A\_V/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSV0A\_V  
ClientSampleId :  
VBLK79

Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A\_V\METHOD\SOM2VLM050219S.M  
Quant Title : VOC Analysis

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

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