LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080819\
Data File : VU033654.D
Acq On : 08 Aug 2019 21:38
Operator : JC/SP
Sample : K4202-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** F2B25

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080819WMA.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 | 1.177 | 24 | 27 | 34 | rVB3 | 4237 | 3926 | 0.29% | 0.036% |
| 2 | 1.289 | 58 | 62 | 71 | rVB2 | 5815 | 6349 | 0.46% | 0.059% |
| 3 | 1.392 | 86 | 94 | 107 | rVB | 227150 | 241448 | 17.66% | 2.226% |
| 4 | 1.543 | 135 | 141 | 150 | rVB | 20997 | 25143 | 1.84% | 0.232% |
| 5 | 1.672 | 173 | 181 | 194 | rVB | 168164 | 214875 | 15.72% | 1.981% |
| 6 | 2.174 | 333 | 337 | 338 | rBV4 | 2893 | 2098 | 0.15% | 0.019% |
| 7 | 2.260 | 353 | 364 | 376 | rBV | 325636 | 493590 | 36.11% | 4.551% |
| 8 | 2.379 | 399 | 401 | 406 | rVB3 | 385 | 333 | 0.02% | 0.003% |
| 9 | 2.431 | 414 | 417 | 419 | rVV2 | 433 | 330 | 0.02% | 0.003% |
| 10 | 2.463 | 421 | 427 | 438 | rVB2 | 3285 | 5104 | 0.37% | 0.047% |
| 11 | 2.550 | 448 | 454 | 464 | rBV4 | 619 | 1041 | 0.08% | 0.010% |
| 12 | 2.643 | 478 | 483 | 486 | rBV3 | 274 | 257 | 0.02% | 0.002% |
| 13 | 2.691 | 496 | 498 | 503 | rVB | 420 | 244 | 0.02% | 0.002% |
| 14 | 2.820 | 527 | 538 | 543 | rBV3 | 1068 | 1943 | 0.14% | 0.018% |
| 15 | 2.891 | 556 | 560 | 561 | rBV2 | 385 | 247 | 0.02% | 0.002% |
| 16 | 2.965 | 578 | 583 | 584 | rBV | 925 | 774 | 0.06% | 0.007% |
| 17 | 3.100 | 622 | 625 | 629 | rBV2 | 261 | 252 | 0.02% | 0.002% |
| 18 | 3.167 | 643 | 646 | 655 | rVB2 | 415 | 404 | 0.03% | 0.004% |
| 19 | 3.212 | 655 | 660 | 663 | rBV2 | 241 | 285 | 0.02% | 0.003% |
| 20 | 3.315 | 689 | 692 | 697 | rVB2 | 371 | 255 | 0.02% | 0.002% |
| 21 | 3.572 | 766 | 772 | 776 | rBV2 | 263 | 294 | 0.02% | 0.003% |
| 22 | 3.926 | 879 | 882 | 890 | rBV | 279 | 269 | 0.02% | 0.002% |
| 23 | 4.029 | 910 | 914 | 919 | rBV | 453 | 558 | 0.04% | 0.005% |
| 24 | 4.148 | 939 | 951 | 980 | rBV | 135309 | 373413 | 27.32% | 3.443% |
| 25 | 4.624 | 1082 | 1099 | 1129 | rVV | 221008 | 564853 | 41.32% | 5.208% |
| 26 | 4.865 | 1171 | 1174 | 1177 | rVV3 | 337 | 295 | 0.02% | 0.003% |
| 27 | 5.096 | 1240 | 1246 | 1251 | rBV2 | 257 | 375 | 0.03% | 0.003% |
| 28 | 5.154 | 1259 | 1264 | 1269 | rBV2 | 323 | 412 | 0.03% | 0.004% |
| 29 | 5.318 | 1290 | 1315 | 1341 | rBV2 | 464536 | 1366929 | 100.00% | 12.603% |
| 30 | 5.579 | 1393 | 1396 | 1398 | rBV2 | 441 | 269 | 0.02% | 0.002% |
| 31 | 5.778 | 1447 | 1458 | 1471 | rBV2 | 3344 | 7454 | 0.55% | 0.069% |
| 32 | 5.865 | 1472 | 1485 | 1503 | rBV | 352546 | 693338 | 50.72% | 6.392% |
| 33 | 6.164 | 1566 | 1578 | 1587 | rBV7 | 3813 | 7301 | 0.53% | 0.067% |
| 34 | 6.308 | 1609 | 1623 | 1645 | rBV | 303062 | 610996 | 44.70% | 5.633% |

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Sample : K4202-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** F2B25

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080819WMA.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 6.537 | 1690 | 1694 | 1696 | rBV2 | 274 | 241 | 0.02% | 0.002% |
| 36 | 6.572 | 1696 | 1705 | 1707 | rBV3 | 2828 | 3895 | 0.28% | 0.036% |
| 37 | 6.697 | 1739 | 1744 | 1746 | rBV2 | 243 | 239 | 0.02% | 0.002% |
| 38 | 6.804 | 1768 | 1777 | 1784 | rBV5 | 2091 | 3901 | 0.29% | 0.036% |
| 39 | 6.855 | 1786 | 1793 | 1800 | rVB7 | 1084 | 1574 | 0.12% | 0.015% |
| 40 | 7.013 | 1837 | 1842 | 1845 | rBV2 | 258 | 254 | 0.02% | 0.002% |
| 41 | 7.209 | 1891 | 1903 | 1931 | rBV | 160201 | 297217 | 21.74% | 2.740% |
| 42 | 7.324 | 1936 | 1939 | 1950 | rVB5 | 1990 | 2848 | 0.21% | 0.026% |
| 43 | 7.453 | 1969 | 1979 | 1988 | rVB6 | 1434 | 2491 | 0.18% | 0.023% |
| 44 | 7.546 | 1994 | 2008 | 2022 | rBV | 612227 | 1071944 | 78.42% | 9.883% |
| 45 | 7.620 | 2024 | 2031 | 2045 | rVB | 55106 | 99049 | 7.25% | 0.913% |
| 46 | 7.832 | 2085 | 2097 | 2120 | rBV | 118362 | 208035 | 15.22% | 1.918% |
| 47 | 8.032 | 2155 | 2159 | 2163 | rBV2 | 310 | 273 | 0.02% | 0.003% |
| 48 | 8.154 | 2192 | 2197 | 2199 | rBV2 | 1407 | 1218 | 0.09% | 0.011% |
| 49 | 8.218 | 2209 | 2217 | 2220 | rBV4 | 2275 | 2933 | 0.21% | 0.027% |
| 50 | 8.292 | 2229 | 2240 | 2276 | rBV | 477554 | 880291 | 64.40% | 8.116% |
| 51 | 8.662 | 2350 | 2355 | 2358 | rBV7 | 1362 | 1563 | 0.11% | 0.014% |
| 52 | 8.784 | 2390 | 2393 | 2396 | rBV2 | 445 | 403 | 0.03% | 0.004% |
| 53 | 8.823 | 2403 | 2405 | 2409 | rVB2 | 459 | 238 | 0.02% | 0.002% |
| 54 | 8.877 | 2416 | 2422 | 2428 | rBV | 191 | 260 | 0.02% | 0.002% |
| 55 | 9.022 | 2462 | 2467 | 2470 | rBV2 | 479 | 490 | 0.04% | 0.005% |
| 56 | 9.070 | 2470 | 2482 | 2512 | rBV | 535084 | 911085 | 66.65% | 8.400% |
| 57 | 9.238 | 2524 | 2534 | 2546 | rVB | 4739 | 8012 | 0.59% | 0.074% |
| 58 | 9.279 | 2546 | 2547 | 2551 | rVB2 | 505 | 260 | 0.02% | 0.002% |
| 59 | 9.308 | 2551 | 2556 | 2557 | rBV2 | 733 | 465 | 0.03% | 0.004% |
| 60 | 9.360 | 2563 | 2572 | 2589 | rVB2 | 18975 | 32778 | 2.40% | 0.302% |
| 61 | 9.582 | 2637 | 2641 | 2642 | rBV2 | 430 | 305 | 0.02% | 0.003% |
| 62 | 9.701 | 2673 | 2678 | 2681 | rBV2 | 265 | 250 | 0.02% | 0.002% |
| 63 | 9.765 | 2686 | 2698 | 2712 | rBV6 | 7592 | 14613 | 1.07% | 0.135% |
| 64 | 9.910 | 2737 | 2743 | 2753 | rBV4 | 2051 | 3546 | 0.26% | 0.033% |
| 65 | 10.141 | 2805 | 2815 | 2826 | rBV3 | 8424 | 14313 | 1.05% | 0.132% |
| 66 | 10.186 | 2826 | 2829 | 2831 | rVV2 | 505 | 355 | 0.03% | 0.003% |
| 67 | 10.302 | 2861 | 2865 | 2868 | rBV3 | 324 | 241 | 0.02% | 0.002% |
| 68 | 10.347 | 2876 | 2879 | 2884 | rBV3 | 532 | 509 | 0.04% | 0.005% |
| 69 | 10.414 | 2888 | 2900 | 2920 | rBV | 472012 | 752663 | 55.06% | 6.939% |
| 70 | 10.565 | 2937 | 2947 | 2962 | rBV7 | 4448 | 8923 | 0.65% | 0.082% |
| 71 | 10.639 | 2964 | 2970 | 2971 | rBV3 | 382 | 401 | 0.03% | 0.004% |

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Operator : JC/SP
Sample : K4202-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** F2B25

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080819WMA.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 72 | 10.668 | 2971 | 2979 | 2991 | rBV6 | 3054 | 5412 | 0.40% | 0.050% |
| 73 | 10.720 | 2991 | 2995 | 2997 | rBV4 | 804 | 593 | 0.04% | 0.005% |
| 74 | 10.758 | 3005 | 3007 | 3015 | rVB3 | 1452 | 1479 | 0.11% | 0.014% |
| 75 | 10.932 | 3052 | 3061 | 3070 | rBV2 | 5438 | 9108 | 0.67% | 0.084% |
| 76 | 11.057 | 3091 | 3100 | 3110 | rBV7 | 4373 | 8808 | 0.64% | 0.081% |
| 77 | 11.141 | 3116 | 3126 | 3141 | rVB5 | 12044 | 22470 | 1.64% | 0.207% |
| 78 | 11.205 | 3141 | 3146 | 3148 | rBV4 | 761 | 865 | 0.06% | 0.008% |
| 79 | 11.218 | 3148 | 3150 | 3151 | rVV2 | 690 | 286 | 0.02% | 0.003% |
| 80 | 11.250 | 3151 | 3160 | 3170 | rVB7 | 1647 | 3331 | 0.24% | 0.031% |
| 81 | 11.318 | 3177 | 3181 | 3183 | rVB2 | 546 | 382 | 0.03% | 0.004% |
| 82 | 11.344 | 3184 | 3189 | 3190 | rBV2 | 424 | 289 | 0.02% | 0.003% |
| 83 | 11.373 | 3190 | 3198 | 3205 | rBV6 | 1391 | 2175 | 0.16% | 0.020% |
| 84 | 11.466 | 3215 | 3227 | 3248 | rBV | 527227 | 841093 | 61.53% | 7.755% |
| 85 | 11.623 | 3265 | 3276 | 3292 | rVB7 | 8723 | 16720 | 1.22% | 0.154% |
| 86 | 11.726 | 3306 | 3308 | 3311 | rVB3 | 632 | 275 | 0.02% | 0.003% |
| 87 | 11.749 | 3311 | 3315 | 3318 | rBV3 | 816 | 731 | 0.05% | 0.007% |
| 88 | 11.845 | 3332 | 3345 | 3366 | rBV | 590424 | 964598 | 70.57% | 8.893% |
| 89 | 12.035 | 3402 | 3404 | 3408 | rVB3 | 1095 | 707 | 0.05% | 0.007% |
| 90 | 12.135 | 3428 | 3435 | 3446 | rVB6 | 4676 | 8409 | 0.62% | 0.078% |
| 91 | 12.202 | 3454 | 3456 | 3457 | rBV | 764 | 276 | 0.02% | 0.003% |
| 92 | 12.237 | 3464 | 3467 | 3469 | rBV4 | 479 | 333 | 0.02% | 0.003% |
| 93 | 12.926 | 3675 | 3681 | 3683 | rBV3 | 569 | 598 | 0.04% | 0.006% |
| 94 | 12.938 | 3683 | 3685 | 3687 | rBV | 479 | 257 | 0.02% | 0.002% |
| 95 | 13.250 | 3777 | 3782 | 3784 | rBV3 | 423 | 417 | 0.03% | 0.004% |
| 96 | 13.334 | 3804 | 3808 | 3811 | rBV3 | 546 | 384 | 0.03% | 0.004% |
| 97 | 13.385 | 3820 | 3824 | 3831 | rVB5 | 1084 | 1403 | 0.10% | 0.013% |
| 98 | 13.581 | 3882 | 3885 | 3890 | rBV3 | 493 | 528 | 0.04% | 0.005% |
| 99 | 13.716 | 3925 | 3927 | 3931 | rBV2 | 382 | 268 | 0.02% | 0.002% |
| 100 | 13.954 | 3998 | 4001 | 4005 | rBV3 | 438 | 292 | 0.02% | 0.003% |

Sum of corrected areas: 10846217

LSC Report - Integrated Chromatogram

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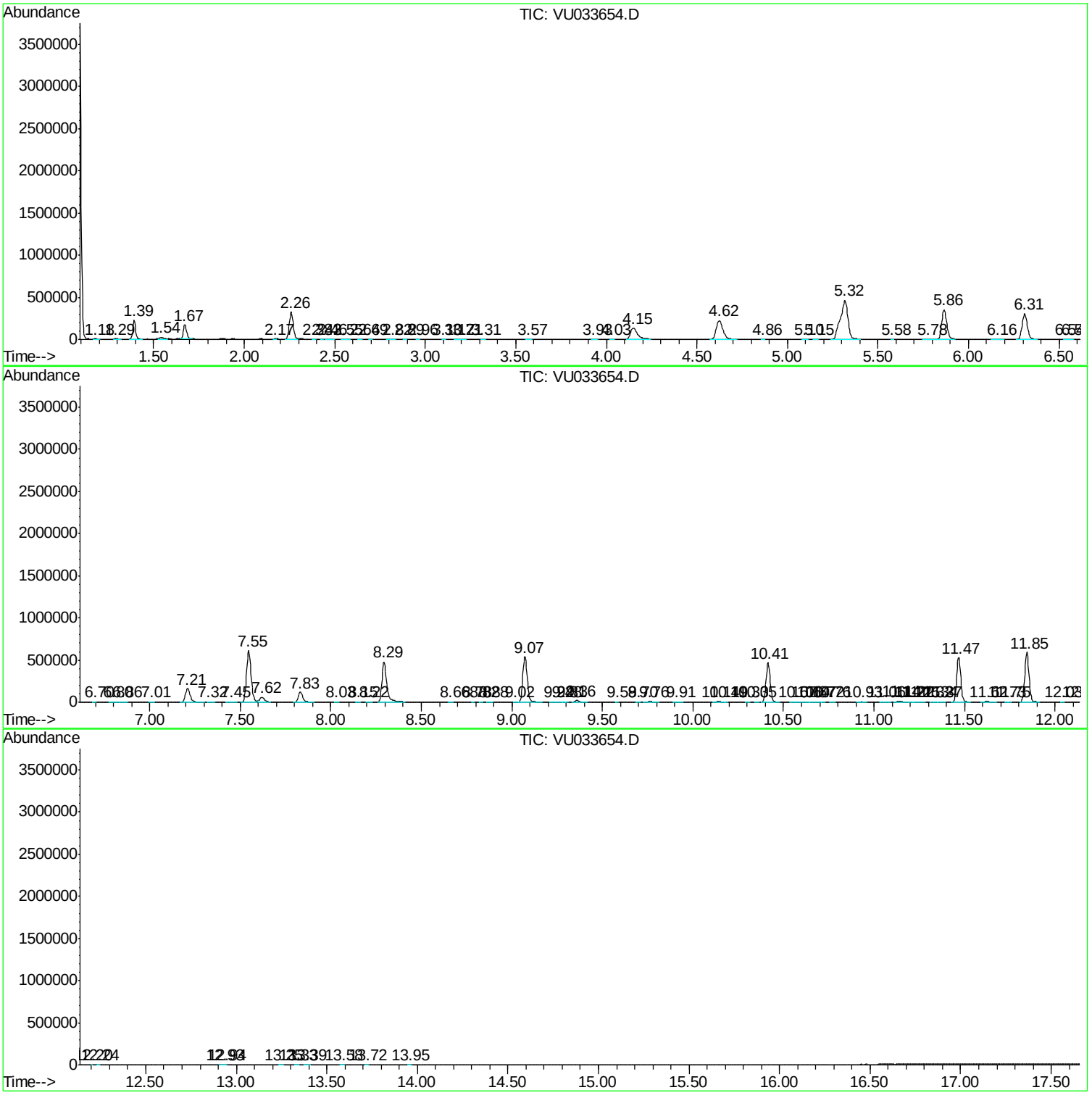
Sample : K4202-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** F2B25

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080819WMA.M
Quant Title : VOC Analysis

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080819\
Data File : VU033654.D
Acq On : 08 Aug 2019 21:38
Operator : JC/SP
Sample : K4202-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
F2B25

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080819WMA.M
Quant Title : VOC Analysis

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

No Library Search Compounds Detected

**********

Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080819\
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Sample : K4202-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** F2B25

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080819WMA.M
Quant Title : VOC Analysis

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

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