LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032819\
Data File : VV009964.D
Acq On : 28 Mar 2019 14:36
Operator : SY/MD
Sample : K2128-08
Misc : 5.85G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** BF0Q7

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_V\METHOD\SOM2VLM032619S.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 | 65 | 71 | 81 | rVB | 153328 | 151097 | 20.40% | 2.674% |
| 2 | 1.563 | 140 | 147 | 161 | rVB | 150863 | 183278 | 24.75% | 3.243% |
| 3 | 2.126 | 312 | 322 | 335 | rBV | 397970 | 565721 | 76.39% | 10.011% |
| 4 | 2.486 | 432 | 434 | 437 | rBV3 | 507 | 229 | 0.03% | 0.004% |
| 5 | 2.534 | 440 | 449 | 462 | rVB2 | 14577 | 24918 | 3.36% | 0.441% |
| 6 | 2.586 | 462 | 465 | 467 | rBV | 415 | 261 | 0.04% | 0.005% |
| 7 | 2.775 | 521 | 524 | 529 | rBV3 | 383 | 385 | 0.05% | 0.007% |
| 8 | 2.856 | 545 | 549 | 550 | rBV | 479 | 262 | 0.04% | 0.005% |
| 9 | 3.071 | 606 | 616 | 627 | rBV6 | 5814 | 11039 | 1.49% | 0.195% |
| 10 | 3.135 | 633 | 636 | 637 | rBV | 892 | 404 | 0.05% | 0.007% |
| 11 | 3.164 | 642 | 645 | 648 | rVB2 | 710 | 456 | 0.06% | 0.008% |
| 12 | 3.216 | 659 | 661 | 663 | rBV2 | 408 | 231 | 0.03% | 0.004% |
| 13 | 3.518 | 753 | 755 | 757 | rBV2 | 604 | 275 | 0.04% | 0.005% |
| 14 | 3.563 | 766 | 769 | 770 | rBV2 | 563 | 266 | 0.04% | 0.005% |
| 15 | 3.740 | 820 | 824 | 826 | rBV2 | 504 | 415 | 0.06% | 0.007% |
| 16 | 3.862 | 859 | 862 | 865 | rBV2 | 339 | 263 | 0.04% | 0.005% |
| 17 | 3.933 | 873 | 884 | 899 | rBV2 | 21009 | 49999 | 6.75% | 0.885% |
| 18 | 4.248 | 980 | 982 | 985 | rVB | 588 | 267 | 0.04% | 0.005% |
| 19 | 4.283 | 990 | 993 | 999 | rBV4 | 766 | 773 | 0.10% | 0.014% |
| 20 | 4.332 | 1002 | 1008 | 1012 | rBV4 | 673 | 856 | 0.12% | 0.015% |
| 21 | 4.402 | 1012 | 1030 | 1056 | rBV2 | 109284 | 301321 | 40.69% | 5.332% |
| 22 | 4.608 | 1092 | 1094 | 1098 | rVB3 | 873 | 460 | 0.06% | 0.008% |
| 23 | 4.698 | 1117 | 1122 | 1126 | rBV4 | 1214 | 1184 | 0.16% | 0.021% |
| 24 | 4.759 | 1138 | 1141 | 1148 | rVB2 | 525 | 422 | 0.06% | 0.007% |
| 25 | 4.798 | 1148 | 1153 | 1156 | rBV | 560 | 537 | 0.07% | 0.010% |
| 26 | 5.004 | 1212 | 1217 | 1220 | rBV2 | 450 | 502 | 0.07% | 0.009% |
| 27 | 5.029 | 1222 | 1225 | 1227 | rVB | 450 | 231 | 0.03% | 0.004% |
| 28 | 5.097 | 1227 | 1246 | 1278 | rBV3 | 294956 | 740602 | 100.00% | 13.106% |
| 29 | 5.364 | 1326 | 1329 | 1332 | rVB2 | 675 | 454 | 0.06% | 0.008% |
| 30 | 5.428 | 1346 | 1349 | 1351 | rBV | 685 | 408 | 0.06% | 0.007% |
| 31 | 5.444 | 1352 | 1354 | 1358 | rVB2 | 591 | 286 | 0.04% | 0.005% |
| 32 | 5.598 | 1394 | 1402 | 1405 | rBV3 | 654 | 857 | 0.12% | 0.015% |
| 33 | 5.663 | 1405 | 1422 | 1448 | rBV2 | 230030 | 464837 | 62.76% | 8.226% |
| 34 | 5.955 | 1502 | 1513 | 1525 | rBV7 | 6881 | 14033 | 1.89% | 0.248% |

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Sample : K2128-08
Misc : 5.85G/10mL/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** BF0Q7

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_V\METHOD\SOM2VLM032619S.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 6.065 | 1544 | 1547 | 1549 | rBV2 | 679 | 437 | 0.06% | 0.008% |
| 36 | 6.116 | 1549 | 1563 | 1587 | rVV | 167881 | 341871 | 46.16% | 6.050% |
| 37 | 6.457 | 1666 | 1669 | 1671 | rBV | 512 | 303 | 0.04% | 0.005% |
| 38 | 6.473 | 1671 | 1674 | 1675 | rBV3 | 466 | 245 | 0.03% | 0.004% |
| 39 | 6.537 | 1692 | 1694 | 1696 | rBV | 395 | 246 | 0.03% | 0.004% |
| 40 | 6.569 | 1701 | 1704 | 1709 | rVV3 | 608 | 451 | 0.06% | 0.008% |
| 41 | 6.602 | 1712 | 1714 | 1716 | rBV2 | 475 | 246 | 0.03% | 0.004% |
| 42 | 6.656 | 1730 | 1731 | 1736 | rBV3 | 306 | 235 | 0.03% | 0.004% |
| 43 | 6.692 | 1737 | 1742 | 1746 | rVV4 | 1334 | 1225 | 0.17% | 0.022% |
| 44 | 6.865 | 1792 | 1796 | 1799 | rBV | 442 | 411 | 0.06% | 0.007% |
| 45 | 7.029 | 1835 | 1847 | 1859 | rBV2 | 76256 | 138048 | 18.64% | 2.443% |
| 46 | 7.293 | 1927 | 1929 | 1933 | rVB3 | 561 | 422 | 0.06% | 0.007% |
| 47 | 7.357 | 1936 | 1949 | 1966 | rBV | 354739 | 614870 | 83.02% | 10.881% |
| 48 | 7.666 | 2034 | 2045 | 2060 | rBV2 | 51249 | 84166 | 11.36% | 1.489% |
| 49 | 7.814 | 2087 | 2091 | 2093 | rBV2 | 429 | 360 | 0.05% | 0.006% |
| 50 | 7.904 | 2116 | 2119 | 2122 | rBV2 | 456 | 354 | 0.05% | 0.006% |
| 51 | 7.942 | 2129 | 2131 | 2136 | rBV2 | 723 | 427 | 0.06% | 0.008% |
| 52 | 7.978 | 2138 | 2142 | 2144 | rBV4 | 978 | 942 | 0.13% | 0.017% |
| 53 | 8.023 | 2154 | 2156 | 2163 | rBV5 | 1060 | 1067 | 0.14% | 0.019% |
| 54 | 8.058 | 2165 | 2167 | 2171 | rBV2 | 449 | 261 | 0.04% | 0.005% |
| 55 | 8.132 | 2179 | 2190 | 2204 | rBV | 66648 | 114475 | 15.46% | 2.026% |
| 56 | 8.325 | 2246 | 2250 | 2253 | rBV3 | 766 | 913 | 0.12% | 0.016% |
| 57 | 8.412 | 2272 | 2277 | 2280 | rBV3 | 631 | 580 | 0.08% | 0.010% |
| 58 | 8.476 | 2295 | 2297 | 2301 | rVB | 907 | 542 | 0.07% | 0.010% |
| 59 | 8.495 | 2301 | 2303 | 2307 | rBV2 | 792 | 624 | 0.08% | 0.011% |
| 60 | 8.550 | 2317 | 2320 | 2324 | rVB2 | 389 | 244 | 0.03% | 0.004% |
| 61 | 8.643 | 2343 | 2349 | 2351 | rBV3 | 553 | 594 | 0.08% | 0.011% |
| 62 | 8.827 | 2404 | 2406 | 2410 | rVB2 | 609 | 373 | 0.05% | 0.007% |
| 63 | 8.894 | 2415 | 2427 | 2452 | rBV | 355759 | 590195 | 79.69% | 10.445% |
| 64 | 9.183 | 2515 | 2517 | 2519 | rBV | 635 | 309 | 0.04% | 0.005% |
| 65 | 9.373 | 2572 | 2576 | 2578 | rBV2 | 590 | 415 | 0.06% | 0.007% |
| 66 | 9.441 | 2593 | 2597 | 2600 | rVV2 | 541 | 487 | 0.07% | 0.009% |
| 67 | 9.611 | 2648 | 2650 | 2655 | rVB2 | 593 | 396 | 0.05% | 0.007% |
| 68 | 9.643 | 2656 | 2660 | 2663 | rVB2 | 504 | 398 | 0.05% | 0.007% |
| 69 | 9.749 | 2689 | 2693 | 2694 | rBV | 570 | 400 | 0.05% | 0.007% |
| 70 | 9.810 | 2710 | 2712 | 2717 | rVB2 | 386 | 246 | 0.03% | 0.004% |
| 71 | 9.894 | 2736 | 2738 | 2743 | rVB3 | 624 | 406 | 0.05% | 0.007% |

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Sample : K2128-08
Misc : 5.85G/10mL/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** BF0Q7

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_V\METHOD\SOM2VLM032619S.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 72 | 9.923 | 2745 | 2747 | 2751 | rBV3 | 517 | 266 | 0.04% | 0.005% |
| 73 | 10.148 | 2815 | 2817 | 2822 | rBV | 695 | 487 | 0.07% | 0.009% |
| 74 | 10.261 | 2842 | 2852 | 2870 | rVB2 | 135850 | 214325 | 28.94% | 3.793% |
| 75 | 10.415 | 2897 | 2900 | 2901 | rBV | 889 | 462 | 0.06% | 0.008% |
| 76 | 10.698 | 2984 | 2988 | 2991 | rBV2 | 540 | 449 | 0.06% | 0.008% |
| 77 | 10.804 | 3019 | 3021 | 3024 | rBV2 | 662 | 320 | 0.04% | 0.006% |
| 78 | 11.061 | 3099 | 3101 | 3104 | rBV2 | 505 | 362 | 0.05% | 0.006% |
| 79 | 11.235 | 3153 | 3155 | 3159 | rBV | 404 | 298 | 0.04% | 0.005% |
| 80 | 11.296 | 3161 | 3174 | 3192 | rBV2 | 307382 | 511302 | 69.04% | 9.048% |
| 81 | 11.672 | 3279 | 3291 | 3313 | rBV | 301557 | 498578 | 67.32% | 8.823% |
| 82 | 11.878 | 3351 | 3355 | 3357 | rBV2 | 672 | 624 | 0.08% | 0.011% |
| 83 | 11.961 | 3376 | 3381 | 3386 | rVV3 | 623 | 545 | 0.07% | 0.010% |
| 84 | 12.174 | 3444 | 3447 | 3449 | rBV2 | 787 | 400 | 0.05% | 0.007% |
| 85 | 12.264 | 3473 | 3475 | 3476 | rBV2 | 606 | 231 | 0.03% | 0.004% |
| 86 | 12.344 | 3496 | 3500 | 3504 | rBV4 | 613 | 456 | 0.06% | 0.008% |
| 87 | 12.389 | 3510 | 3514 | 3520 | rBV4 | 344 | 499 | 0.07% | 0.009% |
| 88 | 12.540 | 3558 | 3561 | 3566 | rBV2 | 576 | 362 | 0.05% | 0.006% |
| 89 | 13.090 | 3728 | 3732 | 3733 | rBV2 | 555 | 374 | 0.05% | 0.007% |
| 90 | 13.305 | 3796 | 3799 | 3803 | rBV2 | 509 | 453 | 0.06% | 0.008% |
| 91 | 13.370 | 3816 | 3819 | 3822 | rVB3 | 628 | 397 | 0.05% | 0.007% |
| 92 | 13.392 | 3822 | 3826 | 3829 | rBV | 549 | 505 | 0.07% | 0.009% |
| 93 | 13.604 | 3888 | 3892 | 3895 | rBV2 | 479 | 414 | 0.06% | 0.007% |
| 94 | 13.852 | 3967 | 3969 | 3973 | rVB2 | 591 | 256 | 0.03% | 0.005% |
| 95 | 15.016 | 4327 | 4331 | 4332 | rBV2 | 646 | 400 | 0.05% | 0.007% |
| 96 | 15.138 | 4367 | 4369 | 4371 | rBV | 426 | 257 | 0.03% | 0.005% |
| 97 | 15.183 | 4382 | 4383 | 4386 | rBV3 | 559 | 387 | 0.05% | 0.007% |
| 98 | 15.299 | 4416 | 4419 | 4421 | rBV2 | 557 | 329 | 0.04% | 0.006% |
| 99 | 15.646 | 4525 | 4527 | 4529 | rBV2 | 1110 | 643 | 0.09% | 0.011% |
| 100 | 15.923 | 4609 | 4613 | 4616 | rBV2 | 983 | 627 | 0.08% | 0.011% |

Sum of corrected areas: 5650721

LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032819\
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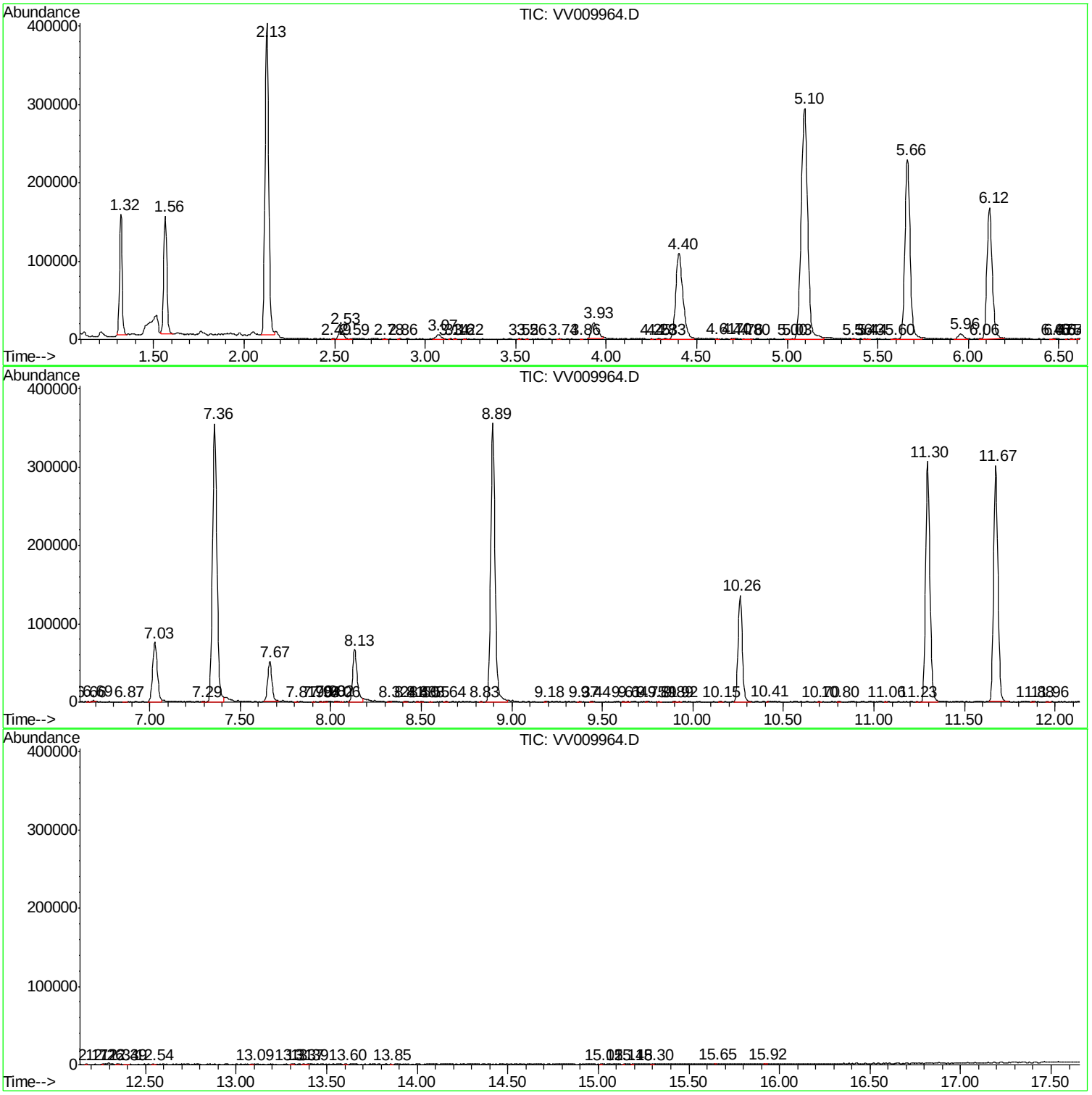
Sample : K2128-08
Misc : 5.85G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** BF0Q7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.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_V\DATA\VV032819\
Data File : VV009964.D
Acq On : 28 Mar 2019 14:36
Operator : SY/MD
Sample : K2128-08
Misc : 5.85G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
BF0Q7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.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_V\DATA\VV032819\
Data File : VV009964.D
Acq On : 28 Mar 2019 14:36
Operator : SY/MD
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Misc : 5.85G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** BF0Q7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.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 |