LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101520\
Data File : VV018921.D
Acq On : 15 Oct 2020 19:24
Operator : SY/MD
Sample : L4351-04DL 50X
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** C0AJ1DL

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\SOMVLM101420WMA.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 | 1.315 | 63 | 70 | 83 | rVB | 210787 | 204481 | 14.50% | 1.707% |
| 2 | 1.579 | 144 | 152 | 164 | rBV | 168067 | 188098 | 13.34% | 1.570% |
| 3 | 2.122 | 310 | 321 | 351 | rVB | 337575 | 519344 | 36.84% | 4.336% |
| 4 | 2.306 | 374 | 378 | 381 | rBV3 | 793 | 583 | 0.04% | 0.005% |
| 5 | 2.348 | 388 | 391 | 396 | rVB4 | 680 | 552 | 0.04% | 0.005% |
| 6 | 2.405 | 407 | 409 | 414 | rVB2 | 425 | 284 | 0.02% | 0.002% |
| 7 | 2.431 | 414 | 417 | 422 | rBV2 | 557 | 655 | 0.05% | 0.005% |
| 8 | 2.531 | 438 | 448 | 457 | rBV5 | 2900 | 4838 | 0.34% | 0.040% |
| 9 | 2.949 | 573 | 578 | 582 | rBV3 | 437 | 451 | 0.03% | 0.004% |
| 10 | 3.032 | 600 | 604 | 608 | rVB2 | 532 | 444 | 0.03% | 0.004% |
| 11 | 3.058 | 610 | 612 | 614 | rBV2 | 403 | 228 | 0.02% | 0.002% |
| 12 | 3.100 | 622 | 625 | 628 | rVB2 | 419 | 229 | 0.02% | 0.002% |
| 13 | 3.122 | 629 | 632 | 638 | rVV2 | 418 | 296 | 0.02% | 0.002% |
| 14 | 3.212 | 657 | 660 | 663 | rBV | 538 | 344 | 0.02% | 0.003% |
| 15 | 3.254 | 671 | 673 | 676 | rVB | 456 | 226 | 0.02% | 0.002% |
| 16 | 3.306 | 686 | 689 | 696 | rBV3 | 559 | 461 | 0.03% | 0.004% |
| 17 | 3.399 | 714 | 718 | 720 | rBV2 | 278 | 208 | 0.01% | 0.002% |
| 18 | 3.566 | 767 | 770 | 774 | rBV2 | 526 | 382 | 0.03% | 0.003% |
| 19 | 3.630 | 787 | 790 | 794 | rVB2 | 321 | 238 | 0.02% | 0.002% |
| 20 | 3.669 | 799 | 802 | 803 | rBV2 | 469 | 283 | 0.02% | 0.002% |
| 21 | 3.849 | 855 | 858 | 861 | rBV | 419 | 271 | 0.02% | 0.002% |
| 22 | 3.920 | 867 | 880 | 915 | rBV2 | 102889 | 366298 | 25.98% | 3.058% |
| 23 | 4.376 | 1004 | 1022 | 1048 | rBV | 218490 | 549208 | 38.96% | 4.585% |
| 24 | 4.582 | 1083 | 1086 | 1091 | rBV4 | 614 | 591 | 0.04% | 0.005% |
| 25 | 4.987 | 1210 | 1212 | 1217 | rVB | 525 | 354 | 0.03% | 0.003% |
| 26 | 5.071 | 1217 | 1238 | 1261 | rBV2 | 552570 | 1409821 | 100.00% | 11.770% |
| 27 | 5.325 | 1315 | 1317 | 1321 | rVB2 | 594 | 269 | 0.02% | 0.002% |
| 28 | 5.370 | 1328 | 1331 | 1336 | rBV4 | 532 | 386 | 0.03% | 0.003% |
| 29 | 5.434 | 1349 | 1351 | 1358 | rVB5 | 636 | 536 | 0.04% | 0.004% |
| 30 | 5.482 | 1363 | 1366 | 1369 | rVV4 | 363 | 240 | 0.02% | 0.002% |
| 31 | 5.511 | 1373 | 1375 | 1378 | rVB2 | 366 | 245 | 0.02% | 0.002% |
| 32 | 5.640 | 1403 | 1415 | 1441 | rVV | 413390 | 829614 | 58.85% | 6.926% |
| 33 | 5.936 | 1492 | 1507 | 1535 | rBV2 | 552460 | 1126029 | 79.87% | 9.401% |
| 34 | 6.093 | 1542 | 1556 | 1586 | rVB | 318828 | 640207 | 45.41% | 5.345% |

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Operator : SY/MD
Sample : L4351-04DL 50X
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** C0AJ1DL

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\SOMVLM101420WMA.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 6.344 | 1631 | 1634 | 1637 | rBV3 | 566 | 255 | 0.02% | 0.002% |
| 36 | 6.363 | 1637 | 1640 | 1642 | rVB2 | 601 | 300 | 0.02% | 0.003% |
| 37 | 6.502 | 1680 | 1683 | 1687 | rBV2 | 429 | 338 | 0.02% | 0.003% |
| 38 | 6.621 | 1718 | 1720 | 1723 | rVB | 841 | 407 | 0.03% | 0.003% |
| 39 | 6.653 | 1723 | 1730 | 1732 | rBV3 | 777 | 939 | 0.07% | 0.008% |
| 40 | 6.669 | 1733 | 1735 | 1738 | rVV3 | 322 | 233 | 0.02% | 0.002% |
| 41 | 6.775 | 1763 | 1768 | 1771 | rBV3 | 588 | 356 | 0.03% | 0.003% |
| 42 | 6.875 | 1797 | 1799 | 1804 | rVV2 | 409 | 331 | 0.02% | 0.003% |
| 43 | 6.910 | 1808 | 1810 | 1815 | rVB4 | 541 | 403 | 0.03% | 0.003% |
| 44 | 7.007 | 1829 | 1840 | 1863 | rBV | 171729 | 313513 | 22.24% | 2.617% |
| 45 | 7.215 | 1902 | 1905 | 1907 | rBV | 584 | 395 | 0.03% | 0.003% |
| 46 | 7.338 | 1931 | 1943 | 1973 | rBV | 642132 | 1104537 | 78.35% | 9.222% |
| 47 | 7.598 | 2021 | 2024 | 2025 | rBV2 | 385 | 223 | 0.02% | 0.002% |
| 48 | 7.643 | 2028 | 2038 | 2064 | rVV | 120553 | 213046 | 15.11% | 1.779% |
| 49 | 7.865 | 2103 | 2107 | 2109 | rVB3 | 491 | 353 | 0.03% | 0.003% |
| 50 | 7.997 | 2136 | 2148 | 2173 | rBV | 181680 | 301352 | 21.38% | 2.516% |
| 51 | 8.109 | 2173 | 2183 | 2228 | rBV2 | 308889 | 638747 | 45.31% | 5.333% |
| 52 | 8.463 | 2291 | 2293 | 2297 | rVV3 | 578 | 422 | 0.03% | 0.004% |
| 53 | 8.495 | 2301 | 2303 | 2306 | rVV2 | 560 | 393 | 0.03% | 0.003% |
| 54 | 8.553 | 2319 | 2321 | 2327 | rVB2 | 613 | 571 | 0.04% | 0.005% |
| 55 | 8.743 | 2377 | 2380 | 2385 | rVB2 | 514 | 368 | 0.03% | 0.003% |
| 56 | 8.833 | 2404 | 2408 | 2409 | rBV | 430 | 240 | 0.02% | 0.002% |
| 57 | 8.871 | 2409 | 2420 | 2445 | rVV | 641691 | 1043454 | 74.01% | 8.712% |
| 58 | 9.113 | 2493 | 2495 | 2500 | rVV2 | 374 | 287 | 0.02% | 0.002% |
| 59 | 9.154 | 2506 | 2508 | 2513 | rVB2 | 499 | 356 | 0.03% | 0.003% |
| 60 | 9.193 | 2517 | 2520 | 2523 | rBV2 | 361 | 239 | 0.02% | 0.002% |
| 61 | 9.260 | 2539 | 2541 | 2545 | rVV3 | 399 | 277 | 0.02% | 0.002% |
| 62 | 9.424 | 2590 | 2592 | 2597 | rBV2 | 332 | 247 | 0.02% | 0.002% |
| 63 | 9.473 | 2604 | 2607 | 2611 | rVB | 389 | 289 | 0.02% | 0.002% |
| 64 | 9.502 | 2612 | 2616 | 2618 | rBV | 316 | 232 | 0.02% | 0.002% |
| 65 | 9.733 | 2686 | 2688 | 2691 | rBV2 | 400 | 287 | 0.02% | 0.002% |
| 66 | 10.080 | 2793 | 2796 | 2800 | rVB2 | 701 | 398 | 0.03% | 0.003% |
| 67 | 10.106 | 2800 | 2804 | 2808 | rBV | 477 | 335 | 0.02% | 0.003% |
| 68 | 10.238 | 2832 | 2845 | 2868 | rVV | 330481 | 516428 | 36.63% | 4.312% |
| 69 | 10.444 | 2906 | 2909 | 2911 | rBV2 | 303 | 214 | 0.02% | 0.002% |
| 70 | 10.460 | 2911 | 2914 | 2918 | rVB2 | 412 | 354 | 0.03% | 0.003% |
| 71 | 10.707 | 2985 | 2991 | 2992 | rBV3 | 341 | 335 | 0.02% | 0.003% |

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Operator : SY/MD
Sample : L4351-04DL 50X
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** C0AJ1DL

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\SOMVLM101420WMA.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 72 | 10.958 | 3065 | 3069 | 3072 | rBV | 322 | 248 | 0.02% | 0.002% |
| 73 | 10.981 | 3073 | 3076 | 3078 | rBV2 | 433 | 223 | 0.02% | 0.002% |
| 74 | 11.103 | 3111 | 3114 | 3116 | rBV3 | 476 | 282 | 0.02% | 0.002% |
| 75 | 11.270 | 3154 | 3166 | 3193 | rBV | 625879 | 967180 | 68.60% | 8.075% |
| 76 | 11.453 | 3220 | 3223 | 3225 | rBV2 | 451 | 237 | 0.02% | 0.002% |
| 77 | 11.476 | 3228 | 3230 | 3235 | rVB2 | 494 | 356 | 0.03% | 0.003% |
| 78 | 11.502 | 3235 | 3238 | 3243 | rBV2 | 492 | 511 | 0.04% | 0.004% |
| 79 | 11.646 | 3271 | 3283 | 3305 | rBV | 638144 | 1010870 | 71.70% | 8.440% |
| 80 | 11.942 | 3371 | 3375 | 3377 | rBV | 317 | 235 | 0.02% | 0.002% |
| 81 | 12.186 | 3448 | 3451 | 3458 | rVB3 | 366 | 466 | 0.03% | 0.004% |
| 82 | 12.498 | 3546 | 3548 | 3551 | rBV | 436 | 286 | 0.02% | 0.002% |
| 83 | 12.604 | 3578 | 3581 | 3584 | rBV2 | 471 | 434 | 0.03% | 0.004% |
| 84 | 12.694 | 3605 | 3609 | 3617 | rVB3 | 907 | 969 | 0.07% | 0.008% |
| 85 | 12.730 | 3617 | 3620 | 3625 | rBV3 | 452 | 486 | 0.03% | 0.004% |
| 86 | 12.865 | 3657 | 3662 | 3666 | rBV3 | 241 | 373 | 0.03% | 0.003% |
| 87 | 13.325 | 3802 | 3805 | 3808 | rBV2 | 271 | 227 | 0.02% | 0.002% |
| 88 | 13.344 | 3808 | 3811 | 3815 | rVV2 | 329 | 264 | 0.02% | 0.002% |
| 89 | 13.392 | 3822 | 3826 | 3827 | rBV | 406 | 287 | 0.02% | 0.002% |
| 90 | 13.511 | 3860 | 3863 | 3871 | rVB2 | 399 | 358 | 0.03% | 0.003% |
| 91 | 13.582 | 3883 | 3885 | 3889 | rVB2 | 555 | 309 | 0.02% | 0.003% |
| 92 | 13.688 | 3916 | 3918 | 3922 | rBV3 | 285 | 215 | 0.02% | 0.002% |
| 93 | 13.829 | 3959 | 3962 | 3964 | rBV3 | 666 | 355 | 0.03% | 0.003% |
| 94 | 13.939 | 3994 | 3996 | 3999 | rBV2 | 434 | 253 | 0.02% | 0.002% |
| 95 | 13.964 | 4001 | 4004 | 4012 | rVV4 | 762 | 843 | 0.06% | 0.007% |
| 96 | 14.006 | 4012 | 4017 | 4022 | rVB3 | 566 | 645 | 0.05% | 0.005% |
| 97 | 14.325 | 4112 | 4116 | 4119 | rBV4 | 696 | 669 | 0.05% | 0.006% |
| 98 | 15.836 | 4584 | 4586 | 4592 | rVB4 | 802 | 673 | 0.05% | 0.006% |
| 99 | 16.038 | 4646 | 4649 | 4652 | rBV3 | 833 | 688 | 0.05% | 0.006% |
| 100 | 16.141 | 4679 | 4681 | 4684 | rBV4 | 942 | 605 | 0.04% | 0.005% |

Sum of corrected areas: 11977695

LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101520\
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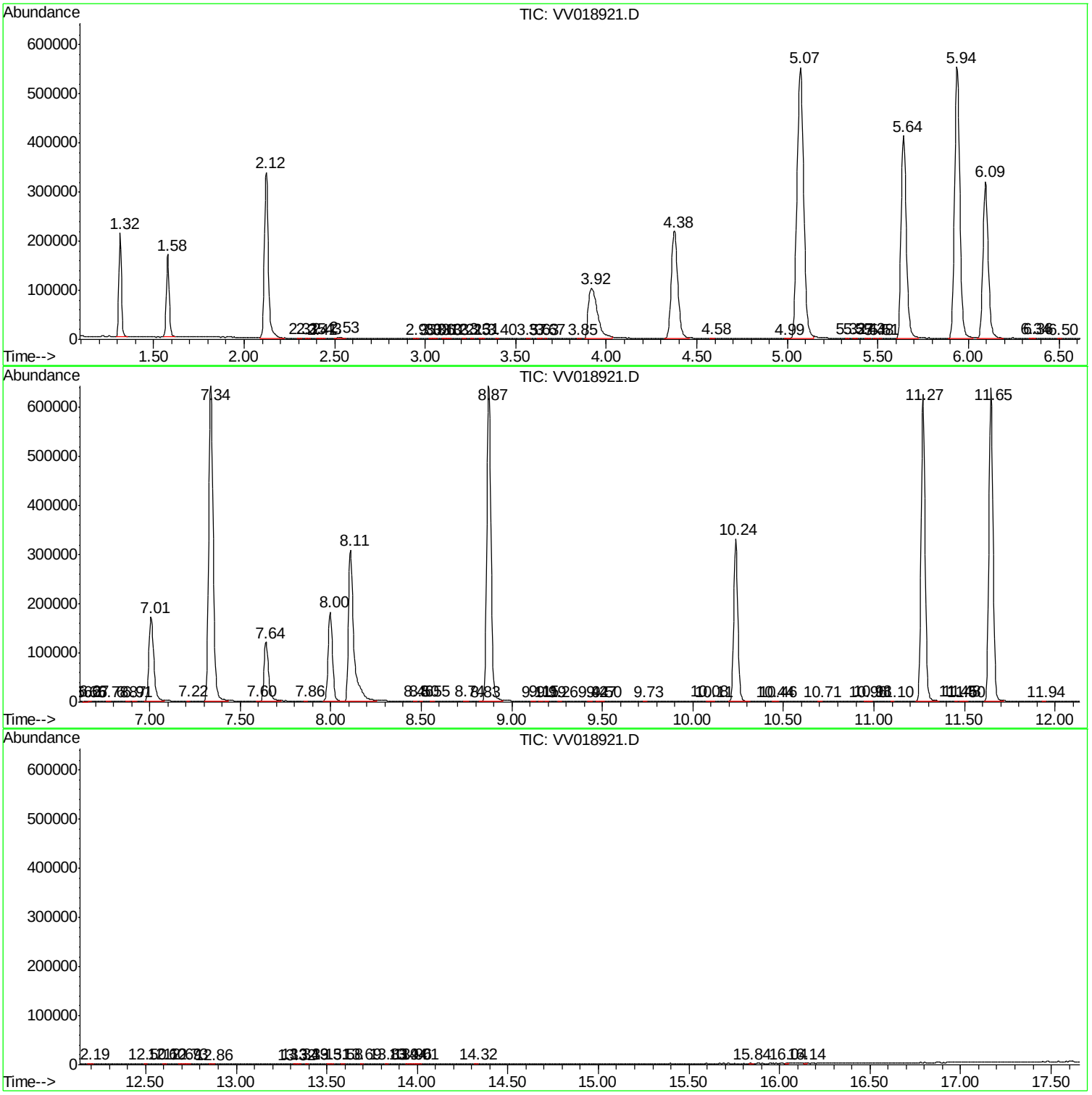
Sample : L4351-04DL 50X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** C0AJ1DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.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\VV101520\
Data File : VV018921.D
Acq On : 15 Oct 2020 19:24
Operator : SY/MD
Sample : L4351-04DL 50X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0AJ1DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.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\VV101520\
Data File : VV018921.D
Acq On : 15 Oct 2020 19:24
Operator : SY/MD
Sample : L4351-04DL 50X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** C0AJ1DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.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 |