LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050919\
Data File : VV010813.D
Acq On : 10 May 2019 14:13
Operator : SY/MD
Sample : K2693-04
Misc : 6.09G/10ML/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** BFHD1

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\SOM2VLM050719S.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 | 63 | 71 | 85 | rBV | 43839 | 42347 | 14.67% | 1.999% |
| 2 | 1.573 | 143 | 150 | 162 | rVB | 37669 | 44105 | 15.28% | 2.082% |
| 3 | 2.126 | 313 | 322 | 332 | rBV | 80473 | 110415 | 38.25% | 5.212% |
| 4 | 2.415 | 406 | 412 | 418 | rBV2 | 276 | 432 | 0.15% | 0.020% |
| 5 | 2.537 | 440 | 450 | 461 | rVB3 | 7917 | 12451 | 4.31% | 0.588% |
| 6 | 2.692 | 495 | 498 | 503 | rVB2 | 196 | 142 | 0.05% | 0.007% |
| 7 | 2.717 | 503 | 506 | 508 | rBV2 | 139 | 96 | 0.03% | 0.005% |
| 8 | 2.756 | 513 | 518 | 522 | rBV2 | 255 | 285 | 0.10% | 0.013% |
| 9 | 2.810 | 532 | 535 | 539 | rBV | 277 | 208 | 0.07% | 0.010% |
| 10 | 2.897 | 560 | 562 | 565 | rBV | 146 | 110 | 0.04% | 0.005% |
| 11 | 2.958 | 579 | 581 | 584 | rBV | 179 | 120 | 0.04% | 0.006% |
| 12 | 3.071 | 609 | 616 | 628 | rVB4 | 4389 | 7798 | 2.70% | 0.368% |
| 13 | 3.126 | 630 | 633 | 639 | rVB2 | 208 | 259 | 0.09% | 0.012% |
| 14 | 3.161 | 639 | 644 | 650 | rBV2 | 217 | 268 | 0.09% | 0.013% |
| 15 | 3.405 | 713 | 720 | 724 | rBV2 | 214 | 319 | 0.11% | 0.015% |
| 16 | 3.447 | 730 | 733 | 735 | rBV | 183 | 114 | 0.04% | 0.005% |
| 17 | 3.556 | 764 | 767 | 770 | rBV | 206 | 165 | 0.06% | 0.008% |
| 18 | 3.627 | 787 | 789 | 793 | rVB2 | 204 | 143 | 0.05% | 0.007% |
| 19 | 3.656 | 794 | 798 | 799 | rBV | 185 | 159 | 0.06% | 0.008% |
| 20 | 3.775 | 833 | 835 | 839 | rBV2 | 144 | 103 | 0.04% | 0.005% |
| 21 | 3.888 | 867 | 870 | 873 | rBV | 326 | 314 | 0.11% | 0.015% |
| 22 | 3.933 | 875 | 884 | 901 | rVV2 | 8976 | 22487 | 7.79% | 1.061% |
| 23 | 4.151 | 950 | 952 | 955 | rBV | 240 | 120 | 0.04% | 0.006% |
| 24 | 4.209 | 968 | 970 | 972 | rBV | 189 | 125 | 0.04% | 0.006% |
| 25 | 4.245 | 979 | 981 | 984 | rBV | 165 | 141 | 0.05% | 0.007% |
| 26 | 4.286 | 991 | 994 | 996 | rBV | 171 | 117 | 0.04% | 0.006% |
| 27 | 4.399 | 1014 | 1029 | 1052 | rBV2 | 52059 | 128347 | 44.46% | 6.059% |
| 28 | 4.524 | 1067 | 1068 | 1072 | rBV3 | 302 | 210 | 0.07% | 0.010% |
| 29 | 4.579 | 1082 | 1085 | 1089 | rVB2 | 292 | 200 | 0.07% | 0.009% |
| 30 | 4.614 | 1094 | 1096 | 1099 | rVB | 261 | 131 | 0.05% | 0.006% |
| 31 | 4.714 | 1123 | 1127 | 1129 | rBV | 194 | 165 | 0.06% | 0.008% |
| 32 | 4.804 | 1153 | 1155 | 1158 | rBV | 145 | 121 | 0.04% | 0.006% |
| 33 | 4.913 | 1185 | 1189 | 1193 | rBV | 294 | 275 | 0.10% | 0.013% |
| 34 | 5.093 | 1228 | 1245 | 1269 | rBV2 | 115573 | 288683 | 100.00% | 13.627% |

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050919\
Data File : VV010813.D
Acq On : 10 May 2019 14:13
Operator : SY/MD
Sample : K2693-04
Misc : 6.09G/10ML/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** BFHD1

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\SOM2VLM050719S.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 5.363 | 1325 | 1329 | 1334 | rBV | 400 | 352 | 0.12% | 0.017% |
| 36 | 5.662 | 1409 | 1422 | 1447 | rBV | 103911 | 209055 | 72.42% | 9.868% |
| 37 | 6.000 | 1524 | 1527 | 1531 | rVB | 412 | 271 | 0.09% | 0.013% |
| 38 | 6.116 | 1550 | 1563 | 1579 | rBV2 | 69712 | 139694 | 48.39% | 6.594% |
| 39 | 6.328 | 1624 | 1629 | 1631 | rBV | 198 | 203 | 0.07% | 0.010% |
| 40 | 6.418 | 1653 | 1657 | 1661 | rBV | 210 | 226 | 0.08% | 0.011% |
| 41 | 6.460 | 1668 | 1670 | 1675 | rVB | 159 | 101 | 0.03% | 0.005% |
| 42 | 6.482 | 1675 | 1677 | 1679 | rVB | 284 | 153 | 0.05% | 0.007% |
| 43 | 6.502 | 1680 | 1683 | 1686 | rBV2 | 272 | 230 | 0.08% | 0.011% |
| 44 | 6.653 | 1727 | 1730 | 1738 | rVB2 | 350 | 351 | 0.12% | 0.017% |
| 45 | 6.720 | 1749 | 1751 | 1754 | rBV | 274 | 108 | 0.04% | 0.005% |
| 46 | 6.810 | 1776 | 1779 | 1783 | rBB2 | 357 | 316 | 0.11% | 0.015% |
| 47 | 6.846 | 1784 | 1790 | 1793 | rBV2 | 331 | 389 | 0.13% | 0.018% |
| 48 | 6.949 | 1820 | 1822 | 1824 | rVB | 275 | 110 | 0.04% | 0.005% |
| 49 | 6.971 | 1825 | 1829 | 1831 | rBV | 179 | 177 | 0.06% | 0.008% |
| 50 | 7.029 | 1836 | 1847 | 1861 | rBV | 33851 | 60124 | 20.83% | 2.838% |
| 51 | 7.125 | 1874 | 1877 | 1880 | rVB | 256 | 181 | 0.06% | 0.009% |
| 52 | 7.225 | 1903 | 1908 | 1912 | rVB | 248 | 219 | 0.08% | 0.010% |
| 53 | 7.251 | 1913 | 1916 | 1917 | rBV2 | 205 | 122 | 0.04% | 0.006% |
| 54 | 7.280 | 1922 | 1925 | 1928 | rBV | 253 | 176 | 0.06% | 0.008% |
| 55 | 7.309 | 1931 | 1934 | 1938 | rBV4 | 389 | 304 | 0.11% | 0.014% |
| 56 | 7.360 | 1938 | 1950 | 1969 | rBV | 124551 | 224160 | 77.65% | 10.581% |
| 57 | 7.579 | 2016 | 2018 | 2021 | rVB2 | 240 | 119 | 0.04% | 0.006% |
| 58 | 7.662 | 2034 | 2044 | 2062 | rVB2 | 22328 | 36045 | 12.49% | 1.701% |
| 59 | 7.785 | 2080 | 2082 | 2084 | rBV | 169 | 106 | 0.04% | 0.005% |
| 60 | 7.830 | 2094 | 2096 | 2098 | rBV | 277 | 148 | 0.05% | 0.007% |
| 61 | 7.897 | 2114 | 2117 | 2122 | rVV2 | 170 | 168 | 0.06% | 0.008% |
| 62 | 7.926 | 2123 | 2126 | 2130 | rVB | 182 | 97 | 0.03% | 0.005% |
| 63 | 7.968 | 2135 | 2139 | 2140 | rBV | 249 | 145 | 0.05% | 0.007% |
| 64 | 8.132 | 2180 | 2190 | 2211 | rBV2 | 32764 | 56672 | 19.63% | 2.675% |
| 65 | 8.383 | 2265 | 2268 | 2271 | rVB | 257 | 148 | 0.05% | 0.007% |
| 66 | 8.485 | 2297 | 2300 | 2303 | rBV | 304 | 158 | 0.05% | 0.007% |
| 67 | 8.556 | 2317 | 2322 | 2327 | rVB2 | 268 | 294 | 0.10% | 0.014% |
| 68 | 8.894 | 2416 | 2427 | 2459 | rBV | 152593 | 261992 | 90.75% | 12.367% |
| 69 | 9.183 | 2510 | 2517 | 2524 | rBV4 | 657 | 1012 | 0.35% | 0.048% |
| 70 | 9.231 | 2528 | 2532 | 2535 | rBV | 206 | 188 | 0.07% | 0.009% |
| 71 | 9.415 | 2586 | 2589 | 2592 | rBV | 166 | 120 | 0.04% | 0.006% |

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050919\
Data File : VV010813.D
Acq On : 10 May 2019 14:13
Operator : SY/MD
Sample : K2693-04
Misc : 6.09G/10ML/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** BFHD1

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\SOM2VLM050719S.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 72 | 9.547 | 2628 | 2630 | 2633 | rBV | 177 | 105 | 0.04% | 0.005% |
| 73 | 9.585 | 2640 | 2642 | 2647 | rVB2 | 461 | 260 | 0.09% | 0.012% |
| 74 | 9.694 | 2671 | 2676 | 2683 | rBV | 284 | 367 | 0.13% | 0.017% |
| 75 | 9.756 | 2690 | 2695 | 2701 | rVV2 | 224 | 305 | 0.11% | 0.014% |
| 76 | 9.791 | 2704 | 2706 | 2709 | rVV | 174 | 92 | 0.03% | 0.004% |
| 77 | 9.807 | 2709 | 2711 | 2713 | rVB | 246 | 95 | 0.03% | 0.004% |
| 78 | 9.971 | 2757 | 2762 | 2763 | rBV | 293 | 263 | 0.09% | 0.012% |
| 79 | 10.058 | 2786 | 2789 | 2791 | rBV | 165 | 109 | 0.04% | 0.005% |
| 80 | 10.260 | 2841 | 2852 | 2868 | rBV2 | 54822 | 86345 | 29.91% | 4.076% |
| 81 | 10.389 | 2888 | 2892 | 2894 | rBV2 | 210 | 142 | 0.05% | 0.007% |
| 82 | 10.482 | 2916 | 2921 | 2923 | rBV2 | 338 | 346 | 0.12% | 0.016% |
| 83 | 10.530 | 2933 | 2936 | 2945 | rVB | 253 | 353 | 0.12% | 0.017% |
| 84 | 10.601 | 2955 | 2958 | 2959 | rBV | 172 | 116 | 0.04% | 0.005% |
| 85 | 10.801 | 3016 | 3020 | 3022 | rBV | 167 | 166 | 0.06% | 0.008% |
| 86 | 11.003 | 3075 | 3083 | 3086 | rBV2 | 252 | 388 | 0.13% | 0.018% |
| 87 | 11.186 | 3137 | 3140 | 3142 | rBV | 547 | 357 | 0.12% | 0.017% |
| 88 | 11.296 | 3162 | 3174 | 3197 | rBV | 120154 | 195806 | 67.83% | 9.243% |
| 89 | 11.424 | 3211 | 3214 | 3216 | rBV2 | 304 | 180 | 0.06% | 0.008% |
| 90 | 11.611 | 3269 | 3272 | 3273 | rBV | 252 | 142 | 0.05% | 0.007% |
| 91 | 11.672 | 3279 | 3291 | 3305 | rBV | 107125 | 173951 | 60.26% | 8.211% |
| 92 | 11.826 | 3336 | 3339 | 3345 | rBV2 | 176 | 182 | 0.06% | 0.009% |
| 93 | 11.948 | 3374 | 3377 | 3378 | rBV | 211 | 143 | 0.05% | 0.007% |
| 94 | 12.042 | 3402 | 3406 | 3410 | rBV2 | 382 | 362 | 0.13% | 0.017% |
| 95 | 12.206 | 3451 | 3457 | 3458 | rBV2 | 199 | 222 | 0.08% | 0.010% |
| 96 | 12.344 | 3497 | 3500 | 3501 | rBV2 | 392 | 218 | 0.08% | 0.010% |
| 97 | 13.649 | 3903 | 3906 | 3910 | rBV2 | 230 | 200 | 0.07% | 0.009% |
| 98 | 13.717 | 3924 | 3927 | 3933 | rBV2 | 194 | 281 | 0.10% | 0.013% |
| 99 | 13.791 | 3945 | 3950 | 3956 | rBV4 | 710 | 867 | 0.30% | 0.041% |
| 100 | 13.881 | 3975 | 3978 | 3981 | rBV | 182 | 188 | 0.07% | 0.009% |

Sum of corrected areas: 2118460

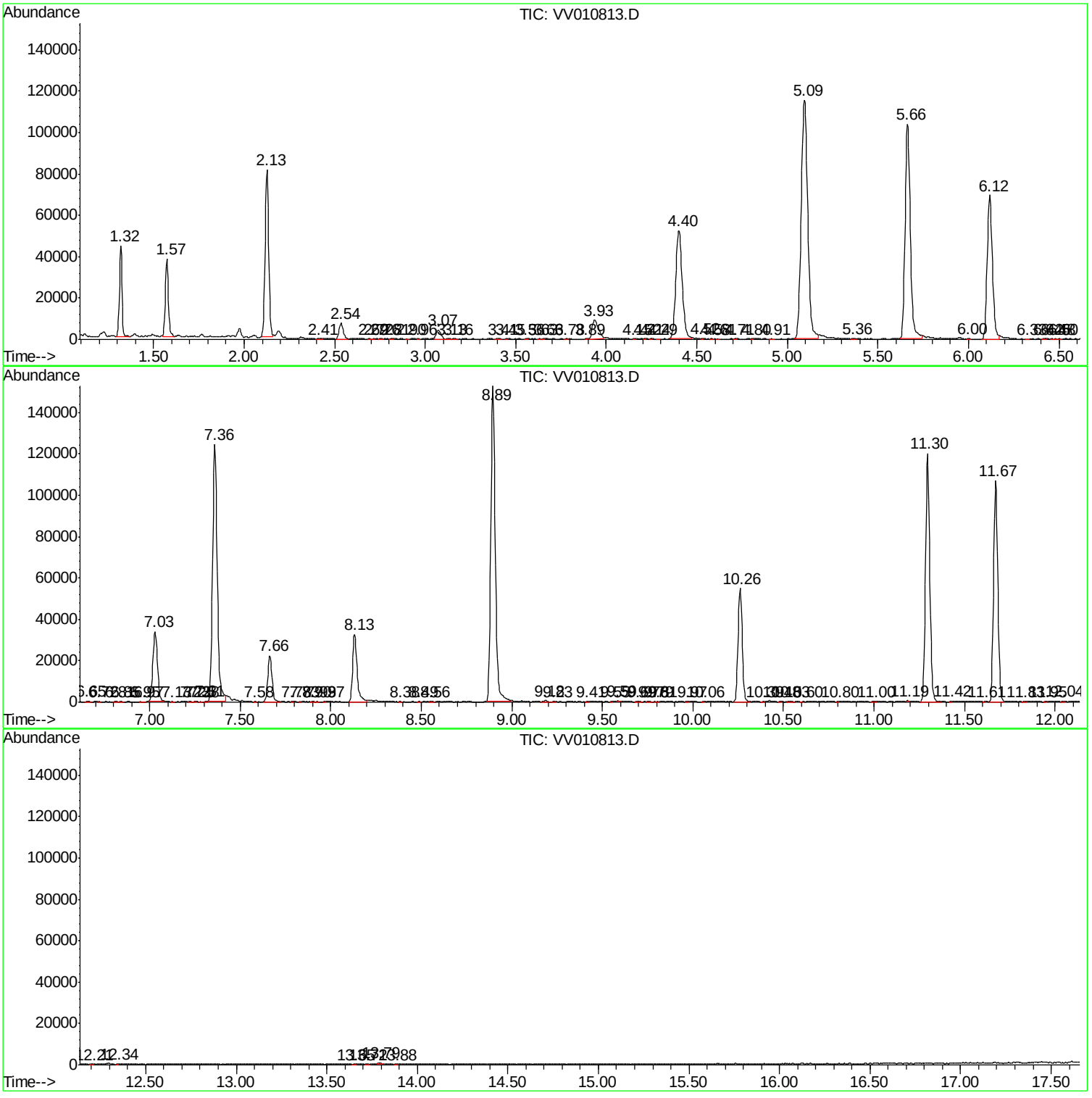
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050919\
Data File : VV010813.D
Acq On : 10 May 2019 14:13
Operator : SY/MD
Sample : K2693-04
Misc : 6.09G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** BFHD1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.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\VV050919\
Data File : VV010813.D
Acq On : 10 May 2019 14:13
Operator : SY/MD
Sample : K2693-04
Misc : 6.09G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
BFHD1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.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\VV050919\
Data File : VV010813.D
Acq On : 10 May 2019 14:13
Operator : SY/MD
Sample : K2693-04
Misc : 6.09G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** BFHD1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.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 |