LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV051419\
Data File : VV010866.D
Acq On : 14 May 2019 17:01
Operator : SY/MD
Sample : K2737-19
Misc : 4.80G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** DB867

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\SOM2VLM051319S.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 | 65 | 70 | 82 | rVB | 48307 | 46220 | 11.58% | 1.590% |
| 2 | 1.566 | 141 | 148 | 156 | rVB | 33692 | 37673 | 9.44% | 1.296% |
| 3 | 2.039 | 292 | 295 | 296 | rBV2 | 967 | 652 | 0.16% | 0.022% |
| 4 | 2.122 | 310 | 321 | 332 | rBV | 77293 | 109808 | 27.50% | 3.778% |
| 5 | 2.187 | 335 | 341 | 350 | rVB3 | 4681 | 7129 | 1.79% | 0.245% |
| 6 | 2.312 | 373 | 380 | 391 | rBV3 | 3328 | 5678 | 1.42% | 0.195% |
| 7 | 2.428 | 407 | 416 | 421 | rBV3 | 1024 | 1671 | 0.42% | 0.057% |
| 8 | 2.531 | 437 | 448 | 460 | rVB2 | 10171 | 16034 | 4.02% | 0.552% |
| 9 | 2.682 | 483 | 495 | 509 | rBV3 | 1721 | 3760 | 0.94% | 0.129% |
| 10 | 2.733 | 509 | 511 | 517 | rVB3 | 458 | 284 | 0.07% | 0.010% |
| 11 | 2.769 | 517 | 522 | 523 | rBV | 216 | 180 | 0.05% | 0.006% |
| 12 | 2.974 | 580 | 586 | 591 | rBV2 | 205 | 328 | 0.08% | 0.011% |
| 13 | 3.061 | 608 | 613 | 622 | rBV4 | 619 | 975 | 0.24% | 0.034% |
| 14 | 3.228 | 658 | 665 | 669 | rBV2 | 271 | 437 | 0.11% | 0.015% |
| 15 | 3.473 | 737 | 741 | 746 | rVV3 | 237 | 232 | 0.06% | 0.008% |
| 16 | 3.759 | 826 | 830 | 833 | rVB | 221 | 173 | 0.04% | 0.006% |
| 17 | 3.939 | 874 | 886 | 911 | rBV | 11379 | 33407 | 8.37% | 1.149% |
| 18 | 4.174 | 957 | 959 | 963 | rVB2 | 301 | 188 | 0.05% | 0.006% |
| 19 | 4.203 | 963 | 968 | 971 | rBV | 204 | 230 | 0.06% | 0.008% |
| 20 | 4.270 | 986 | 989 | 992 | rBV2 | 205 | 191 | 0.05% | 0.007% |
| 21 | 4.322 | 1001 | 1005 | 1006 | rBV | 217 | 179 | 0.04% | 0.006% |
| 22 | 4.399 | 1011 | 1029 | 1051 | rBV2 | 68931 | 171015 | 42.83% | 5.883% |
| 23 | 4.598 | 1087 | 1091 | 1095 | rVB2 | 384 | 335 | 0.08% | 0.012% |
| 24 | 4.630 | 1098 | 1101 | 1106 | rBV3 | 327 | 366 | 0.09% | 0.013% |
| 25 | 4.791 | 1148 | 1151 | 1153 | rBV | 193 | 164 | 0.04% | 0.006% |
| 26 | 4.843 | 1164 | 1167 | 1169 | rBV | 218 | 189 | 0.05% | 0.007% |
| 27 | 5.019 | 1218 | 1222 | 1225 | rBV2 | 157 | 164 | 0.04% | 0.006% |
| 28 | 5.090 | 1226 | 1244 | 1271 | rBV2 | 160407 | 399251 | 100.00% | 13.735% |
| 29 | 5.376 | 1328 | 1333 | 1340 | rVB2 | 338 | 501 | 0.13% | 0.017% |
| 30 | 5.421 | 1341 | 1347 | 1348 | rBV2 | 386 | 362 | 0.09% | 0.012% |
| 31 | 5.447 | 1351 | 1355 | 1360 | rBB | 225 | 226 | 0.06% | 0.008% |
| 32 | 5.560 | 1384 | 1390 | 1393 | rBV2 | 224 | 230 | 0.06% | 0.008% |
| 33 | 5.662 | 1406 | 1422 | 1444 | rBV | 121229 | 255156 | 63.91% | 8.778% |
| 34 | 5.865 | 1482 | 1485 | 1488 | rBV2 | 282 | 265 | 0.07% | 0.009% |

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV051419\
Data File : VV010866.D
Acq On : 14 May 2019 17:01
Operator : SY/MD
Sample : K2737-19
Misc : 4.80G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** DB867

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\SOM2VLM051319S.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 5.942 | 1500 | 1509 | 1522 | rVB3 | 3771 | 7143 | 1.79% | 0.246% |
| 36 | 5.997 | 1522 | 1526 | 1528 | rBV2 | 341 | 240 | 0.06% | 0.008% |
| 37 | 6.116 | 1549 | 1563 | 1582 | rBV | 96916 | 195811 | 49.04% | 6.736% |
| 38 | 6.370 | 1638 | 1642 | 1645 | rBV2 | 163 | 165 | 0.04% | 0.006% |
| 39 | 6.389 | 1645 | 1648 | 1651 | rVB2 | 265 | 174 | 0.04% | 0.006% |
| 40 | 6.421 | 1651 | 1658 | 1660 | rBV2 | 249 | 343 | 0.09% | 0.012% |
| 41 | 6.473 | 1669 | 1674 | 1677 | rBV2 | 176 | 204 | 0.05% | 0.007% |
| 42 | 6.653 | 1727 | 1730 | 1733 | rBV | 217 | 170 | 0.04% | 0.006% |
| 43 | 6.695 | 1737 | 1743 | 1745 | rBV2 | 684 | 597 | 0.15% | 0.021% |
| 44 | 6.781 | 1765 | 1770 | 1772 | rBV | 159 | 172 | 0.04% | 0.006% |
| 45 | 6.813 | 1776 | 1780 | 1785 | rBV3 | 493 | 608 | 0.15% | 0.021% |
| 46 | 6.910 | 1807 | 1810 | 1814 | rBV2 | 166 | 164 | 0.04% | 0.006% |
| 47 | 6.968 | 1824 | 1828 | 1832 | rBV2 | 203 | 248 | 0.06% | 0.009% |
| 48 | 7.029 | 1834 | 1847 | 1864 | rVV | 43666 | 77986 | 19.53% | 2.683% |
| 49 | 7.180 | 1888 | 1894 | 1903 | rVB5 | 887 | 1249 | 0.31% | 0.043% |
| 50 | 7.357 | 1937 | 1949 | 1980 | rBV | 169248 | 309150 | 77.43% | 10.635% |
| 51 | 7.537 | 2003 | 2005 | 2010 | rVB2 | 311 | 246 | 0.06% | 0.008% |
| 52 | 7.563 | 2010 | 2013 | 2017 | rBV2 | 214 | 207 | 0.05% | 0.007% |
| 53 | 7.662 | 2033 | 2044 | 2059 | rBV | 28390 | 47330 | 11.85% | 1.628% |
| 54 | 7.714 | 2059 | 2060 | 2065 | rVB2 | 541 | 313 | 0.08% | 0.011% |
| 55 | 7.762 | 2072 | 2075 | 2081 | rVB2 | 194 | 171 | 0.04% | 0.006% |
| 56 | 7.839 | 2095 | 2099 | 2102 | rBV | 219 | 207 | 0.05% | 0.007% |
| 57 | 7.984 | 2134 | 2144 | 2155 | rVV3 | 1421 | 2733 | 0.68% | 0.094% |
| 58 | 8.132 | 2179 | 2190 | 2221 | rBV | 42124 | 80602 | 20.19% | 2.773% |
| 59 | 8.276 | 2233 | 2235 | 2237 | rBV | 362 | 229 | 0.06% | 0.008% |
| 60 | 8.373 | 2259 | 2265 | 2270 | rBV2 | 219 | 308 | 0.08% | 0.011% |
| 61 | 8.550 | 2315 | 2320 | 2322 | rBV2 | 176 | 212 | 0.05% | 0.007% |
| 62 | 8.707 | 2364 | 2369 | 2371 | rBV2 | 296 | 304 | 0.08% | 0.010% |
| 63 | 8.894 | 2414 | 2427 | 2452 | rBV | 205788 | 343853 | 86.12% | 11.829% |
| 64 | 9.064 | 2473 | 2480 | 2483 | rBV3 | 273 | 359 | 0.09% | 0.012% |
| 65 | 9.180 | 2511 | 2516 | 2521 | rBV3 | 901 | 891 | 0.22% | 0.031% |
| 66 | 9.280 | 2541 | 2547 | 2549 | rBV2 | 226 | 273 | 0.07% | 0.009% |
| 67 | 9.363 | 2570 | 2573 | 2577 | rBV2 | 132 | 161 | 0.04% | 0.006% |
| 68 | 9.585 | 2637 | 2642 | 2643 | rBV | 310 | 259 | 0.06% | 0.009% |
| 69 | 9.903 | 2736 | 2741 | 2744 | rBV2 | 233 | 197 | 0.05% | 0.007% |
| 70 | 10.260 | 2841 | 2852 | 2867 | rBV | 82119 | 127275 | 31.88% | 4.379% |
| 71 | 10.421 | 2893 | 2902 | 2911 | rBV4 | 3052 | 4516 | 1.13% | 0.155% |

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV051419\
Data File : VV010866.D
Acq On : 14 May 2019 17:01
Operator : SY/MD
Sample : K2737-19
Misc : 4.80G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** DB867

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\SOM2VLM051319S.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 72 | 10.810 | 3019 | 3023 | 3024 | rBV4 | 784 | 429 | 0.11% | 0.015% |
| 73 | 11.074 | 3102 | 3105 | 3108 | rVB3 | 296 | 174 | 0.04% | 0.006% |
| 74 | 11.125 | 3115 | 3121 | 3123 | rBV | 251 | 302 | 0.08% | 0.010% |
| 75 | 11.190 | 3137 | 3141 | 3146 | rVB2 | 451 | 445 | 0.11% | 0.015% |
| 76 | 11.296 | 3162 | 3174 | 3191 | rVV | 182395 | 293259 | 73.45% | 10.089% |
| 77 | 11.370 | 3191 | 3197 | 3206 | rVB6 | 870 | 1024 | 0.26% | 0.035% |
| 78 | 11.427 | 3210 | 3215 | 3216 | rBV2 | 273 | 177 | 0.04% | 0.006% |
| 79 | 11.466 | 3225 | 3227 | 3234 | rVB4 | 443 | 419 | 0.10% | 0.014% |
| 80 | 11.579 | 3252 | 3262 | 3270 | rBV5 | 2304 | 3635 | 0.91% | 0.125% |
| 81 | 11.614 | 3270 | 3273 | 3275 | rVV2 | 221 | 168 | 0.04% | 0.006% |
| 82 | 11.672 | 3279 | 3291 | 3310 | rVB | 181259 | 288674 | 72.30% | 9.931% |
| 83 | 11.881 | 3352 | 3356 | 3367 | rVB4 | 729 | 822 | 0.21% | 0.028% |
| 84 | 12.296 | 3478 | 3485 | 3496 | rVB3 | 2298 | 3699 | 0.93% | 0.127% |
| 85 | 12.350 | 3499 | 3502 | 3507 | rVB3 | 555 | 470 | 0.12% | 0.016% |
| 86 | 12.450 | 3531 | 3533 | 3538 | rVB2 | 312 | 193 | 0.05% | 0.007% |
| 87 | 12.517 | 3547 | 3554 | 3560 | rBV4 | 2187 | 2583 | 0.65% | 0.089% |
| 88 | 13.247 | 3777 | 3781 | 3785 | rBV2 | 206 | 177 | 0.04% | 0.006% |
| 89 | 13.286 | 3791 | 3793 | 3799 | rVB | 253 | 171 | 0.04% | 0.006% |
| 90 | 13.344 | 3807 | 3811 | 3813 | rBV | 258 | 185 | 0.05% | 0.006% |
| 91 | 13.472 | 3848 | 3851 | 3854 | rBV2 | 298 | 178 | 0.04% | 0.006% |
| 92 | 13.794 | 3943 | 3951 | 3959 | rBV4 | 3428 | 5086 | 1.27% | 0.175% |
| 93 | 13.919 | 3987 | 3990 | 3992 | rBV2 | 240 | 209 | 0.05% | 0.007% |
| 94 | 14.013 | 4015 | 4019 | 4022 | rBV2 | 233 | 244 | 0.06% | 0.008% |
| 95 | 14.093 | 4036 | 4044 | 4055 | rVB4 | 2257 | 4107 | 1.03% | 0.141% |
| 96 | 14.167 | 4065 | 4067 | 4070 | rBV | 315 | 206 | 0.05% | 0.007% |
| 97 | 14.205 | 4076 | 4079 | 4081 | rBV3 | 322 | 227 | 0.06% | 0.008% |
| 98 | 14.369 | 4127 | 4130 | 4131 | rBV2 | 388 | 224 | 0.06% | 0.008% |
| 99 | 14.939 | 4303 | 4307 | 4310 | rBV | 250 | 232 | 0.06% | 0.008% |
| 100 | 16.852 | 4900 | 4902 | 4905 | rBV2 | 594 | 365 | 0.09% | 0.013% |

Sum of corrected areas: 2906807

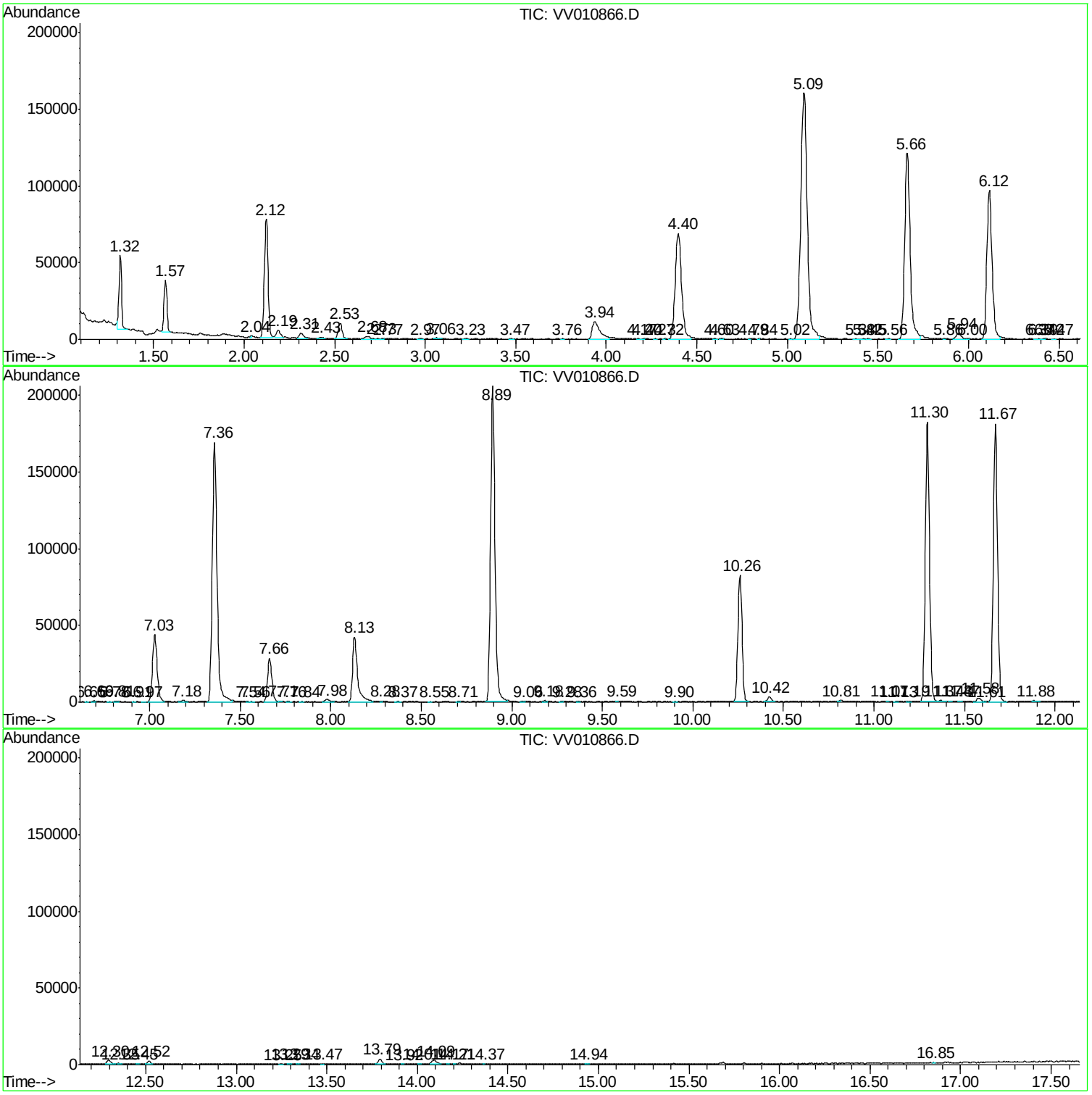
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV051419\
Data File : VV010866.D
Acq On : 14 May 2019 17:01
Operator : SY/MD
Sample : K2737-19
Misc : 4.80G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
DB867

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM051319S.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\VV051419\
Data File : VV010866.D
Acq On : 14 May 2019 17:01
Operator : SY/MD
Sample : K2737-19
Misc : 4.80G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
DB867

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM051319S.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\VV051419\
Data File : VV010866.D
Acq On : 14 May 2019 17:01
Operator : SY/MD
Sample : K2737-19
Misc : 4.80G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** DB867

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM051319S.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 |