LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052019\
Data File : VV010990.D
Acq On : 21 May 2019 07:42
Operator : SY/MD
Sample : VV0520SBL03
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** VBLK97

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\SOM2VLM052019S.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 | 1.309 | 61 | 68 | 78 | rVB | 54994 | 53484 | 10.71% | 1.518% |
| 2 | 1.553 | 136 | 144 | 156 | rVB | 37454 | 42990 | 8.61% | 1.220% |
| 3 | 1.872 | 240 | 243 | 244 | rBV2 | 488 | 261 | 0.05% | 0.007% |
| 4 | 1.971 | 267 | 274 | 277 | rBV3 | 1912 | 2304 | 0.46% | 0.065% |
| 5 | 2.113 | 304 | 318 | 332 | rVB | 81595 | 118539 | 23.73% | 3.365% |
| 6 | 2.167 | 332 | 335 | 339 | rBV3 | 826 | 811 | 0.16% | 0.023% |
| 7 | 2.267 | 364 | 366 | 369 | rVB3 | 424 | 241 | 0.05% | 0.007% |
| 8 | 2.312 | 369 | 380 | 392 | rBV2 | 3304 | 6569 | 1.32% | 0.186% |
| 9 | 2.524 | 436 | 446 | 459 | rBV3 | 5326 | 8507 | 1.70% | 0.241% |
| 10 | 2.650 | 482 | 485 | 488 | rVV3 | 340 | 241 | 0.05% | 0.007% |
| 11 | 2.769 | 518 | 522 | 526 | rBV | 181 | 220 | 0.04% | 0.006% |
| 12 | 3.058 | 606 | 612 | 613 | rBV3 | 952 | 778 | 0.16% | 0.022% |
| 13 | 3.145 | 635 | 639 | 641 | rBV | 272 | 182 | 0.04% | 0.005% |
| 14 | 3.235 | 661 | 667 | 670 | rBV2 | 198 | 279 | 0.06% | 0.008% |
| 15 | 3.306 | 686 | 689 | 693 | rBV2 | 161 | 175 | 0.04% | 0.005% |
| 16 | 3.450 | 732 | 734 | 738 | rBV | 284 | 193 | 0.04% | 0.005% |
| 17 | 3.569 | 767 | 771 | 777 | rBV | 220 | 301 | 0.06% | 0.009% |
| 18 | 3.720 | 814 | 818 | 822 | rVB2 | 210 | 217 | 0.04% | 0.006% |
| 19 | 3.929 | 871 | 883 | 909 | rBV | 18959 | 48268 | 9.66% | 1.370% |
| 20 | 4.097 | 932 | 935 | 941 | rBV2 | 232 | 277 | 0.06% | 0.008% |
| 21 | 4.248 | 977 | 982 | 985 | rBV | 203 | 223 | 0.04% | 0.006% |
| 22 | 4.389 | 1009 | 1026 | 1046 | rBV | 78696 | 196322 | 39.31% | 5.573% |
| 23 | 4.900 | 1182 | 1185 | 1191 | rVB2 | 223 | 223 | 0.04% | 0.006% |
| 24 | 5.087 | 1225 | 1243 | 1269 | rBV2 | 204016 | 499471 | 100.00% | 14.178% |
| 25 | 5.219 | 1282 | 1284 | 1290 | rVB3 | 413 | 342 | 0.07% | 0.010% |
| 26 | 5.273 | 1298 | 1301 | 1304 | rVB2 | 365 | 257 | 0.05% | 0.007% |
| 27 | 5.341 | 1318 | 1322 | 1326 | rVB2 | 298 | 254 | 0.05% | 0.007% |
| 28 | 5.373 | 1326 | 1332 | 1334 | rBV2 | 193 | 236 | 0.05% | 0.007% |
| 29 | 5.534 | 1380 | 1382 | 1390 | rVB2 | 195 | 234 | 0.05% | 0.007% |
| 30 | 5.659 | 1400 | 1421 | 1438 | rBV | 161437 | 319520 | 63.97% | 9.070% |
| 31 | 5.833 | 1471 | 1475 | 1478 | rBV | 328 | 354 | 0.07% | 0.010% |
| 32 | 5.949 | 1500 | 1511 | 1519 | rVB5 | 2613 | 5027 | 1.01% | 0.143% |
| 33 | 5.994 | 1521 | 1525 | 1530 | rVB2 | 189 | 226 | 0.05% | 0.006% |
| 34 | 6.023 | 1530 | 1534 | 1536 | rBV | 187 | 184 | 0.04% | 0.005% |

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Operator : SY/MD
Sample : VV0520SBL03
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** VBLK97

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\SOM2VLM052019S.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 6.048 | 1540 | 1542 | 1546 | rVB | 210 | 155 | 0.03% | 0.004% |
| 36 | 6.113 | 1546 | 1562 | 1580 | rBV | 116573 | 236095 | 47.27% | 6.702% |
| 37 | 6.225 | 1594 | 1597 | 1600 | rVB3 | 279 | 171 | 0.03% | 0.005% |
| 38 | 6.286 | 1612 | 1616 | 1618 | rBV2 | 247 | 199 | 0.04% | 0.006% |
| 39 | 6.470 | 1668 | 1673 | 1680 | rBV2 | 362 | 652 | 0.13% | 0.019% |
| 40 | 6.640 | 1723 | 1726 | 1729 | rBV2 | 196 | 175 | 0.04% | 0.005% |
| 41 | 6.659 | 1729 | 1732 | 1736 | rVV | 213 | 168 | 0.03% | 0.005% |
| 42 | 6.704 | 1736 | 1746 | 1751 | rBV4 | 714 | 1206 | 0.24% | 0.034% |
| 43 | 6.794 | 1768 | 1774 | 1776 | rBV | 184 | 185 | 0.04% | 0.005% |
| 44 | 6.807 | 1776 | 1778 | 1779 | rBV | 301 | 154 | 0.03% | 0.004% |
| 45 | 6.936 | 1809 | 1818 | 1823 | rBV2 | 233 | 454 | 0.09% | 0.013% |
| 46 | 7.026 | 1834 | 1846 | 1868 | rBV | 56229 | 97577 | 19.54% | 2.770% |
| 47 | 7.296 | 1924 | 1930 | 1935 | rBV3 | 461 | 483 | 0.10% | 0.014% |
| 48 | 7.357 | 1935 | 1949 | 1966 | rBV | 243761 | 418530 | 83.79% | 11.881% |
| 49 | 7.508 | 1993 | 1996 | 2005 | rVB3 | 519 | 737 | 0.15% | 0.021% |
| 50 | 7.659 | 2033 | 2043 | 2060 | rBV2 | 36887 | 62076 | 12.43% | 1.762% |
| 51 | 7.817 | 2087 | 2092 | 2093 | rBV | 290 | 249 | 0.05% | 0.007% |
| 52 | 7.978 | 2133 | 2142 | 2151 | rBV6 | 2159 | 3746 | 0.75% | 0.106% |
| 53 | 8.055 | 2163 | 2166 | 2172 | rVB2 | 195 | 231 | 0.05% | 0.007% |
| 54 | 8.129 | 2180 | 2189 | 2214 | rBV | 62200 | 107127 | 21.45% | 3.041% |
| 55 | 8.254 | 2223 | 2228 | 2231 | rBV3 | 559 | 380 | 0.08% | 0.011% |
| 56 | 8.363 | 2256 | 2262 | 2263 | rBV2 | 303 | 222 | 0.04% | 0.006% |
| 57 | 8.563 | 2318 | 2324 | 2326 | rBV | 207 | 236 | 0.05% | 0.007% |
| 58 | 8.637 | 2340 | 2347 | 2350 | rBV2 | 290 | 343 | 0.07% | 0.010% |
| 59 | 8.797 | 2389 | 2397 | 2400 | rBV2 | 288 | 425 | 0.09% | 0.012% |
| 60 | 8.894 | 2415 | 2427 | 2458 | rBV | 249665 | 415270 | 83.14% | 11.788% |
| 61 | 9.055 | 2471 | 2477 | 2486 | rVB3 | 622 | 910 | 0.18% | 0.026% |
| 62 | 9.129 | 2498 | 2500 | 2506 | rVB | 312 | 236 | 0.05% | 0.007% |
| 63 | 9.180 | 2509 | 2516 | 2524 | rVB2 | 1483 | 1883 | 0.38% | 0.053% |
| 64 | 9.270 | 2540 | 2544 | 2548 | rBV2 | 251 | 207 | 0.04% | 0.006% |
| 65 | 9.492 | 2609 | 2613 | 2616 | rVV2 | 393 | 286 | 0.06% | 0.008% |
| 66 | 9.514 | 2617 | 2620 | 2626 | rVB3 | 384 | 336 | 0.07% | 0.010% |
| 67 | 9.592 | 2639 | 2644 | 2649 | rBV5 | 664 | 830 | 0.17% | 0.024% |
| 68 | 9.643 | 2657 | 2660 | 2663 | rBV | 240 | 154 | 0.03% | 0.004% |
| 69 | 9.666 | 2664 | 2667 | 2672 | rVB2 | 251 | 201 | 0.04% | 0.006% |
| 70 | 9.759 | 2692 | 2696 | 2704 | rBV3 | 234 | 302 | 0.06% | 0.009% |
| 71 | 9.846 | 2719 | 2723 | 2725 | rBV | 393 | 331 | 0.07% | 0.009% |

LSC Area Percent Report

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Data File : VV010990.D
Acq On : 21 May 2019 07:42
Operator : SY/MD
Sample : VV0520SBL03
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** VBLK97

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\SOM2VLM052019S.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 72 | 9.977 | 2757 | 2764 | 2768 | rBV4 | 535 | 700 | 0.14% | 0.020% |
| 73 | 10.260 | 2839 | 2852 | 2872 | rBV | 118675 | 187016 | 37.44% | 5.309% |
| 74 | 10.424 | 2894 | 2903 | 2916 | rBV5 | 2328 | 3574 | 0.72% | 0.101% |
| 75 | 10.524 | 2929 | 2934 | 2940 | rBV2 | 215 | 371 | 0.07% | 0.011% |
| 76 | 11.183 | 3137 | 3139 | 3143 | rBV3 | 456 | 311 | 0.06% | 0.009% |
| 77 | 11.228 | 3148 | 3153 | 3160 | rVB3 | 840 | 956 | 0.19% | 0.027% |
| 78 | 11.293 | 3162 | 3173 | 3190 | rBV | 200197 | 319734 | 64.01% | 9.076% |
| 79 | 11.476 | 3228 | 3230 | 3234 | rVB | 266 | 152 | 0.03% | 0.004% |
| 80 | 11.672 | 3279 | 3291 | 3308 | rBV | 206058 | 334452 | 66.96% | 9.494% |
| 81 | 12.296 | 3478 | 3485 | 3493 | rVB | 1549 | 2133 | 0.43% | 0.061% |
| 82 | 12.620 | 3583 | 3586 | 3589 | rBV2 | 232 | 173 | 0.03% | 0.005% |
| 83 | 12.691 | 3603 | 3608 | 3619 | rVB4 | 1020 | 1334 | 0.27% | 0.038% |
| 84 | 12.791 | 3636 | 3639 | 3642 | rBV2 | 230 | 172 | 0.03% | 0.005% |
| 85 | 13.315 | 3797 | 3802 | 3805 | rBV4 | 782 | 706 | 0.14% | 0.020% |
| 86 | 13.559 | 3868 | 3878 | 3883 | rBV4 | 1217 | 1847 | 0.37% | 0.052% |
| 87 | 13.772 | 3940 | 3944 | 3945 | rBV | 237 | 181 | 0.04% | 0.005% |
| 88 | 13.794 | 3945 | 3951 | 3959 | rVB5 | 2890 | 3540 | 0.71% | 0.100% |
| 89 | 14.093 | 4034 | 4044 | 4049 | rBV4 | 1289 | 1898 | 0.38% | 0.054% |
| 90 | 14.543 | 4181 | 4184 | 4188 | rBV3 | 290 | 243 | 0.05% | 0.007% |
| 91 | 14.575 | 4192 | 4194 | 4200 | rVB2 | 417 | 368 | 0.07% | 0.010% |
| 92 | 14.601 | 4200 | 4202 | 4205 | rBV | 397 | 300 | 0.06% | 0.009% |
| 93 | 14.688 | 4226 | 4229 | 4232 | rBV | 321 | 278 | 0.06% | 0.008% |
| 94 | 14.852 | 4276 | 4280 | 4285 | rBV2 | 263 | 288 | 0.06% | 0.008% |
| 95 | 14.929 | 4302 | 4304 | 4309 | rBV2 | 287 | 222 | 0.04% | 0.006% |
| 96 | 15.016 | 4329 | 4331 | 4336 | rVB2 | 386 | 326 | 0.07% | 0.009% |
| 97 | 15.241 | 4397 | 4401 | 4405 | rBV3 | 300 | 265 | 0.05% | 0.008% |
| 98 | 15.305 | 4419 | 4421 | 4425 | rBV2 | 252 | 206 | 0.04% | 0.006% |
| 99 | 15.517 | 4485 | 4487 | 4492 | rVB3 | 260 | 154 | 0.03% | 0.004% |
| 100 | 16.707 | 4855 | 4857 | 4859 | rBV2 | 455 | 238 | 0.05% | 0.007% |

Sum of corrected areas: 3522770

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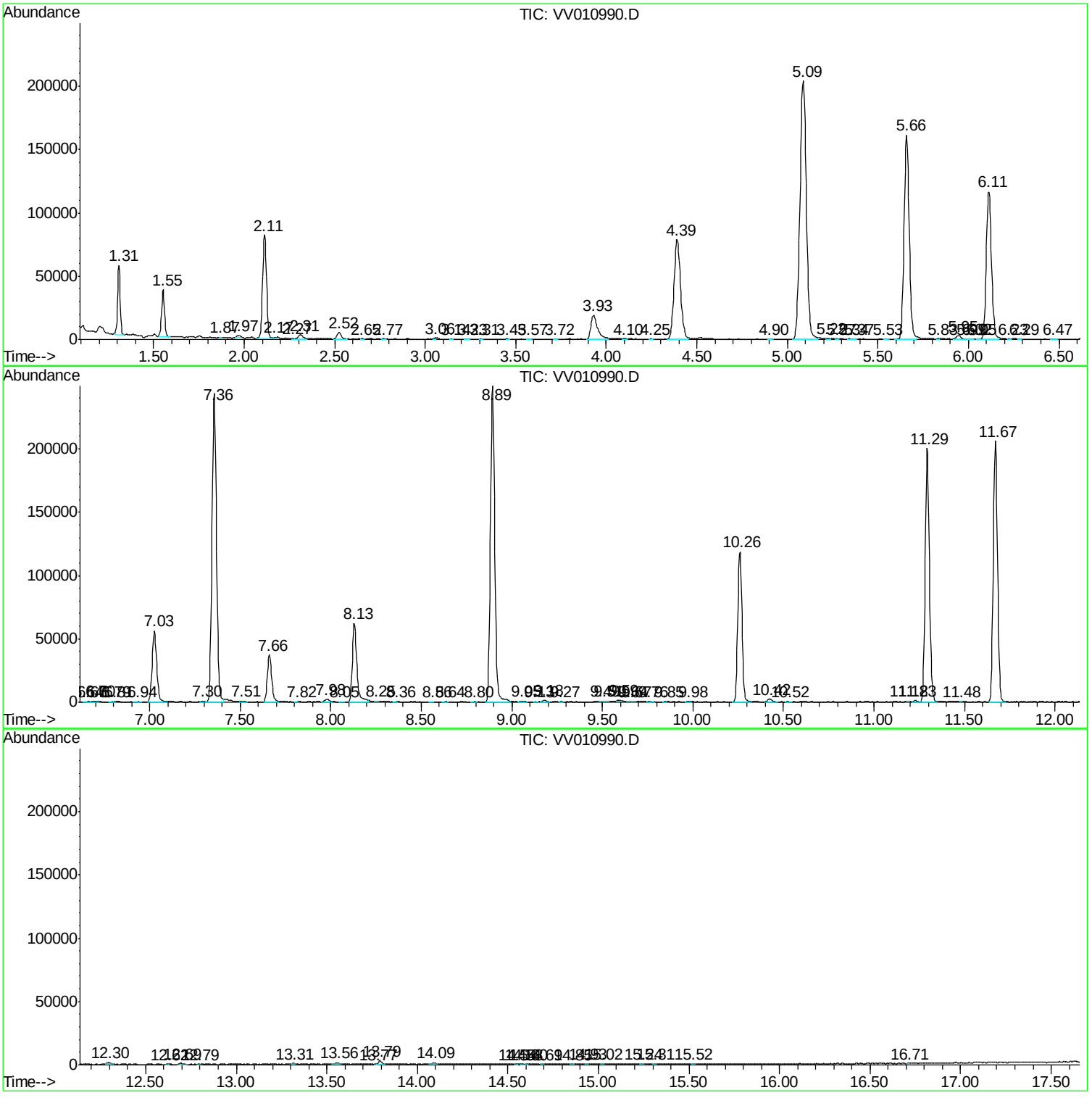
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** VBLK97

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.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\VV052019\
Data File : VV010990.D
Acq On : 21 May 2019 07:42
Operator : SY/MD
Sample : VV0520SBL03
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
VBLK97

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.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\VV052019\
Data File : VV010990.D
Acq On : 21 May 2019 07:42
Operator : SY/MD
Sample : VV0520SBL03
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** VBLK97

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.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 |