LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032823\
Data File : VU053431.D
Acq On : 28 Mar 2023 14:20
Operator : JC/MD
Sample : 02085-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
C0MB1

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_U\Method\SFAMULM031523WMA.M
Title : VOC Analysis

Signal : TIC: VU053431.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.597 | 73 | 80 | 100 | rVB | 123484 | 147580 | 17.13% | 2.241% |
| 2 | 1.912 | 170 | 178 | 196 | rBV | 95535 | 133658 | 15.51% | 2.029% |
| 3 | 2.565 | 369 | 381 | 398 | rVB | 187218 | 303067 | 35.18% | 4.601% |
| 4 | 2.729 | 430 | 432 | 433 | rBV | 270 | 135 | 0.02% | 0.002% |
| 5 | 2.758 | 438 | 441 | 443 | rBV | 493 | 300 | 0.03% | 0.005% |
| 6 | 2.851 | 467 | 470 | 478 | rVB2 | 446 | 420 | 0.05% | 0.006% |
| 7 | 2.964 | 503 | 505 | 509 | rVB2 | 334 | 202 | 0.02% | 0.003% |
| 8 | 2.993 | 511 | 514 | 516 | rBV | 268 | 130 | 0.02% | 0.002% |
| 9 | 3.035 | 524 | 527 | 528 | rBV | 404 | 225 | 0.03% | 0.003% |
| 10 | 3.350 | 622 | 625 | 628 | rBV2 | 321 | 219 | 0.03% | 0.003% |
| 11 | 3.565 | 689 | 692 | 695 | rVV | 219 | 149 | 0.02% | 0.002% |
| 12 | 3.732 | 741 | 744 | 748 | rVB | 216 | 138 | 0.02% | 0.002% |
| 13 | 3.832 | 772 | 775 | 780 | rVB | 247 | 198 | 0.02% | 0.003% |
| 14 | 3.871 | 783 | 787 | 790 | rBV | 191 | 134 | 0.02% | 0.002% |
| 15 | 4.012 | 828 | 831 | 835 | rVB2 | 200 | 158 | 0.02% | 0.002% |
| 16 | 4.038 | 835 | 839 | 841 | rBV | 223 | 175 | 0.02% | 0.003% |
| 17 | 4.057 | 842 | 845 | 849 | rVV | 289 | 245 | 0.03% | 0.004% |
| 18 | 4.121 | 861 | 865 | 867 | rBV | 226 | 156 | 0.02% | 0.002% |
| 19 | 4.163 | 875 | 878 | 882 | rBV | 278 | 201 | 0.02% | 0.003% |
| 20 | 4.227 | 895 | 898 | 901 | rBV | 173 | 136 | 0.02% | 0.002% |
| 21 | 4.314 | 921 | 925 | 929 | rBV | 161 | 135 | 0.02% | 0.002% |
| 22 | 4.353 | 935 | 937 | 941 | rBV | 199 | 185 | 0.02% | 0.003% |
| 23 | 4.626 | 1005 | 1022 | 1057 | rBV2 | 72276 | 208065 | 24.15% | 3.159% |
| 24 | 4.980 | 1129 | 1132 | 1135 | rBV2 | 347 | 274 | 0.03% | 0.004% |
| 25 | 5.057 | 1140 | 1156 | 1179 | rVV | 156575 | 345269 | 40.08% | 5.242% |
| 26 | 5.224 | 1205 | 1208 | 1211 | rBV | 308 | 222 | 0.03% | 0.003% |
| 27 | 5.317 | 1234 | 1237 | 1241 | rBV | 238 | 221 | 0.03% | 0.003% |
| 28 | 5.366 | 1247 | 1252 | 1260 | rVB2 | 307 | 347 | 0.04% | 0.005% |
| 29 | 5.578 | 1313 | 1318 | 1322 | rVV2 | 276 | 323 | 0.04% | 0.005% |
| 30 | 5.719 | 1341 | 1362 | 1387 | rBV2 | 319100 | 861542 | 100.00% | 13.080% |
| 31 | 5.964 | 1433 | 1438 | 1440 | rBV2 | 254 | 228 | 0.03% | 0.003% |
| 32 | 5.996 | 1446 | 1448 | 1454 | rVB2 | 271 | 227 | 0.03% | 0.003% |
| 33 | 6.038 | 1457 | 1461 | 1463 | rVV | 353 | 193 | 0.02% | 0.003% |
| 34 | 6.092 | 1474 | 1478 | 1480 | rBV | 219 | 131 | 0.02% | 0.002% |
| 35 | 6.160 | 1496 | 1499 | 1502 | rBV | 220 | 135 | 0.02% | 0.002% |
| 36 | 6.243 | 1508 | 1525 | 1547 | rBV | 258621 | 491605 | 57.06% | 7.463% |

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032823\
Data File : VU053431.D
Acq On : 28 Mar 2023 14:20
Operator : JC/MD
Sample : 02085-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
C0MB1

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_U\Method\SFAMULM031523WMA.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 6.597 | 1632 | 1635 | 1637 | rVB | 337 | 194 | 0.02% | 0.003% |
| 38 | 6.684 | 1649 | 1662 | 1681 | rBV | 202681 | 394690 | 45.81% | 5.992% |
| 39 | 6.774 | 1688 | 1690 | 1693 | rVB2 | 264 | 142 | 0.02% | 0.002% |
| 40 | 6.800 | 1693 | 1698 | 1699 | rBV | 596 | 313 | 0.04% | 0.005% |
| 41 | 6.835 | 1706 | 1709 | 1712 | rVB | 211 | 136 | 0.02% | 0.002% |
| 42 | 6.880 | 1719 | 1723 | 1725 | rBV2 | 192 | 161 | 0.02% | 0.002% |
| 43 | 6.973 | 1748 | 1752 | 1755 | rBV | 369 | 240 | 0.03% | 0.004% |
| 44 | 7.002 | 1758 | 1761 | 1765 | rVB2 | 365 | 273 | 0.03% | 0.004% |
| 45 | 7.034 | 1765 | 1771 | 1772 | rBV | 211 | 184 | 0.02% | 0.003% |
| 46 | 7.141 | 1802 | 1804 | 1810 | rVB | 241 | 179 | 0.02% | 0.003% |
| 47 | 7.182 | 1810 | 1817 | 1818 | rBV | 564 | 530 | 0.06% | 0.008% |
| 48 | 7.308 | 1853 | 1856 | 1859 | rBV2 | 242 | 152 | 0.02% | 0.002% |
| 49 | 7.468 | 1903 | 1906 | 1909 | rBV | 232 | 170 | 0.02% | 0.003% |
| 50 | 7.562 | 1923 | 1935 | 1959 | rBV | 112646 | 201995 | 23.45% | 3.067% |
| 51 | 7.684 | 1971 | 1973 | 1974 | rBV | 338 | 138 | 0.02% | 0.002% |
| 52 | 7.735 | 1986 | 1989 | 1992 | rBV | 193 | 172 | 0.02% | 0.003% |
| 53 | 7.796 | 2005 | 2008 | 2013 | rVB2 | 267 | 221 | 0.03% | 0.003% |
| 54 | 7.893 | 2024 | 2038 | 2060 | rBV | 395642 | 691150 | 80.22% | 10.493% |
| 55 | 8.124 | 2108 | 2110 | 2114 | rVV2 | 305 | 254 | 0.03% | 0.004% |
| 56 | 8.176 | 2114 | 2126 | 2146 | rVB | 78288 | 134483 | 15.61% | 2.042% |
| 57 | 8.269 | 2153 | 2155 | 2159 | rVB | 303 | 171 | 0.02% | 0.003% |
| 58 | 8.292 | 2159 | 2162 | 2165 | rVB | 377 | 256 | 0.03% | 0.004% |
| 59 | 8.311 | 2165 | 2168 | 2173 | rVB | 201 | 127 | 0.01% | 0.002% |
| 60 | 8.337 | 2173 | 2176 | 2179 | rVB2 | 224 | 154 | 0.02% | 0.002% |
| 61 | 8.581 | 2247 | 2252 | 2254 | rBV | 285 | 222 | 0.03% | 0.003% |
| 62 | 8.629 | 2255 | 2267 | 2297 | rBV2 | 182373 | 362714 | 42.10% | 5.507% |
| 63 | 8.800 | 2318 | 2320 | 2322 | rVB | 324 | 147 | 0.02% | 0.002% |
| 64 | 9.009 | 2382 | 2385 | 2387 | rBV2 | 242 | 138 | 0.02% | 0.002% |
| 65 | 9.221 | 2447 | 2451 | 2453 | rBV | 146 | 142 | 0.02% | 0.002% |
| 66 | 9.414 | 2498 | 2511 | 2535 | rBV | 352526 | 590693 | 68.56% | 8.968% |
| 67 | 9.661 | 2585 | 2588 | 2592 | rVB2 | 208 | 168 | 0.02% | 0.003% |
| 68 | 9.867 | 2650 | 2652 | 2656 | rVB | 337 | 179 | 0.02% | 0.003% |
| 69 | 9.893 | 2656 | 2660 | 2664 | rBV | 223 | 222 | 0.03% | 0.003% |
| 70 | 10.121 | 2729 | 2731 | 2737 | rVB3 | 428 | 355 | 0.04% | 0.005% |
| 71 | 10.150 | 2737 | 2740 | 2745 | rBV | 218 | 243 | 0.03% | 0.004% |
| 72 | 10.176 | 2745 | 2748 | 2750 | rVB | 258 | 162 | 0.02% | 0.002% |
| 73 | 10.385 | 2811 | 2813 | 2817 | rBV2 | 222 | 139 | 0.02% | 0.002% |
| 74 | 10.410 | 2817 | 2821 | 2824 | rVV2 | 242 | 191 | 0.02% | 0.003% |
| 75 | 10.652 | 2892 | 2896 | 2899 | rBV2 | 189 | 153 | 0.02% | 0.002% |
| 76 | 10.751 | 2914 | 2927 | 2948 | rBV | 264752 | 419775 | 48.72% | 6.373% |

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032823\
Data File : VU053431.D
Acq On : 28 Mar 2023 14:20
Operator : JC/MD
Sample : 02085-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
C0MB1

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_U\Method\SFAMULM031523WMA.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 10.883 | 2965 | 2968 | 2969 | rBV | 358 | 247 | 0.03% | 0.004% |
| 78 | 10.944 | 2984 | 2987 | 2992 | rBV | 235 | 188 | 0.02% | 0.003% |
| 79 | 10.996 | 3000 | 3003 | 3005 | rBV | 225 | 168 | 0.02% | 0.003% |
| 80 | 11.099 | 3031 | 3035 | 3039 | rBV2 | 306 | 226 | 0.03% | 0.003% |
| 81 | 11.295 | 3093 | 3096 | 3098 | rVB | 241 | 138 | 0.02% | 0.002% |
| 82 | 11.311 | 3098 | 3101 | 3104 | rBV2 | 212 | 129 | 0.01% | 0.002% |
| 83 | 11.558 | 3175 | 3178 | 3180 | rBV | 269 | 151 | 0.02% | 0.002% |
| 84 | 11.742 | 3229 | 3235 | 3243 | rBV4 | 3188 | 4443 | 0.52% | 0.067% |
| 85 | 11.806 | 3243 | 3255 | 3282 | rVV | 348191 | 565819 | 65.68% | 8.590% |
| 86 | 12.089 | 3335 | 3343 | 3346 | rBV3 | 516 | 676 | 0.08% | 0.010% |
| 87 | 12.189 | 3362 | 3374 | 3399 | rVV | 369712 | 648581 | 75.28% | 9.847% |
| 88 | 12.549 | 3483 | 3486 | 3489 | rVB | 372 | 242 | 0.03% | 0.004% |
| 89 | 12.578 | 3493 | 3495 | 3498 | rBV2 | 283 | 181 | 0.02% | 0.003% |
| 90 | 12.607 | 3498 | 3504 | 3508 | rBV2 | 306 | 309 | 0.04% | 0.005% |
| 91 | 12.677 | 3524 | 3526 | 3530 | rVB | 341 | 206 | 0.02% | 0.003% |
| 92 | 12.767 | 3546 | 3554 | 3565 | rVB3 | 1273 | 1917 | 0.22% | 0.029% |
| 93 | 13.015 | 3628 | 3631 | 3632 | rBV | 223 | 134 | 0.02% | 0.002% |
| 94 | 13.211 | 3690 | 3692 | 3694 | rBV | 374 | 255 | 0.03% | 0.004% |
| 95 | 13.282 | 3710 | 3714 | 3716 | rBV2 | 292 | 248 | 0.03% | 0.004% |
| 96 | 13.838 | 3877 | 3887 | 3903 | rVB2 | 25507 | 41161 | 4.78% | 0.625% |
| 97 | 13.999 | 3934 | 3937 | 3939 | rBV | 322 | 176 | 0.02% | 0.003% |
| 98 | 14.137 | 3978 | 3980 | 3983 | rVB2 | 320 | 168 | 0.02% | 0.003% |
| 99 | 14.327 | 4031 | 4039 | 4050 | rBV3 | 14355 | 21925 | 2.54% | 0.333% |
| 100 | 14.504 | 4092 | 4094 | 4099 | rVB2 | 511 | 364 | 0.04% | 0.006% |

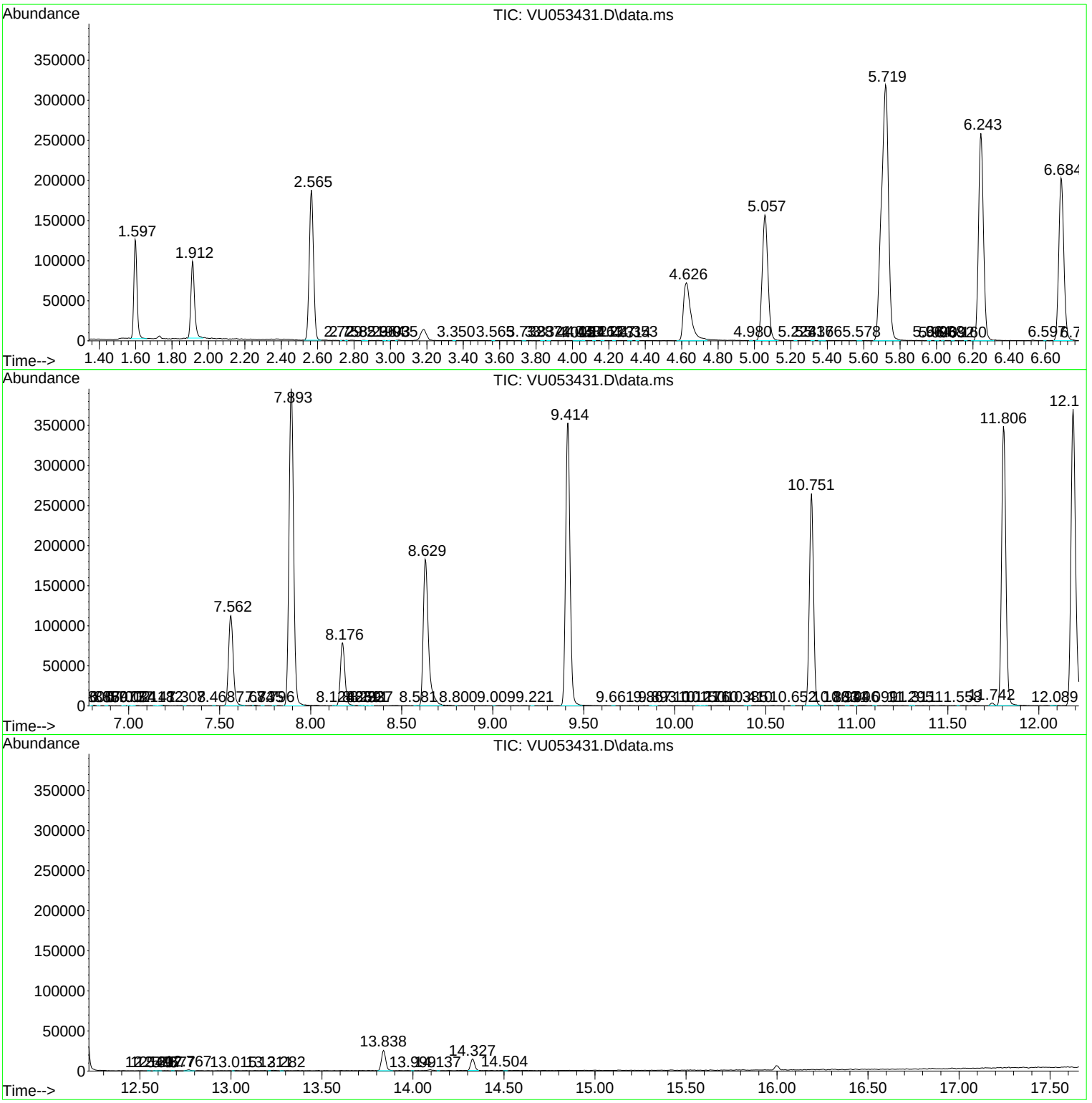
Sum of corrected areas: 6586908

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032823\
Data File : VU053431.D
Acq On : 28 Mar 2023 14:20
Operator : JC/MD
Sample : 02085-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
C0MB1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032823\
Data File : VU053431.D
Acq On : 28 Mar 2023 14:20
Operator : JC/MD
Sample : 02085-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
C0MB1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
**********

Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032823\
Data File : VU053431.D
Acq On : 28 Mar 2023 14:20
Operator : JC/MD
Sample : 02085-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
C0MB1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

| | | | | | Internal Standard | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |