LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092022\
Data File : VV027985.D
Acq On : 21 Sep 2022 00:36
Operator : SY/MD
Sample : N4620-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 31 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0E54

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\SFAMVLM092022WMA.M
Title : VOC Analysis

Signal : TIC: VV027985.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.301 | 76 | 81 | 100 | rVB | 241448 | 251443 | 17.56% | 2.344% |
| 2 | 1.558 | 155 | 161 | 172 | rVB | 191663 | 216108 | 15.09% | 2.015% |
| 3 | 2.101 | 320 | 330 | 345 | rBV | 403795 | 578809 | 40.43% | 5.397% |
| 4 | 2.503 | 448 | 455 | 464 | rVB6 | 1507 | 2308 | 0.16% | 0.022% |
| 5 | 2.632 | 492 | 495 | 496 | rBV | 738 | 389 | 0.03% | 0.004% |
| 6 | 2.719 | 519 | 522 | 523 | rBV2 | 573 | 233 | 0.02% | 0.002% |
| 7 | 2.770 | 531 | 538 | 542 | rBV2 | 618 | 867 | 0.06% | 0.008% |
| 8 | 2.838 | 553 | 559 | 563 | rVB3 | 326 | 384 | 0.03% | 0.004% |
| 9 | 2.867 | 565 | 568 | 575 | rVB2 | 383 | 359 | 0.03% | 0.003% |
| 10 | 2.902 | 575 | 579 | 580 | rBV2 | 424 | 263 | 0.02% | 0.002% |
| 11 | 3.018 | 612 | 615 | 617 | rBV2 | 561 | 306 | 0.02% | 0.003% |
| 12 | 3.076 | 630 | 633 | 641 | rVB2 | 349 | 355 | 0.02% | 0.003% |
| 13 | 3.124 | 641 | 648 | 652 | rBV3 | 421 | 480 | 0.03% | 0.004% |
| 14 | 3.214 | 674 | 676 | 682 | rVB3 | 357 | 253 | 0.02% | 0.002% |
| 15 | 3.503 | 763 | 766 | 768 | rBV2 | 421 | 228 | 0.02% | 0.002% |
| 16 | 3.619 | 799 | 802 | 805 | rBV | 541 | 237 | 0.02% | 0.002% |
| 17 | 3.802 | 856 | 859 | 861 | rBV | 469 | 305 | 0.02% | 0.003% |
| 18 | 3.838 | 867 | 870 | 872 | rBV2 | 603 | 354 | 0.02% | 0.003% |
| 19 | 3.873 | 872 | 881 | 925 | rBV | 117299 | 331951 | 23.19% | 3.095% |
| 20 | 4.339 | 1012 | 1026 | 1058 | rBV | 235094 | 572747 | 40.01% | 5.340% |
| 21 | 4.638 | 1116 | 1119 | 1121 | rBV | 390 | 233 | 0.02% | 0.002% |
| 22 | 4.677 | 1128 | 1131 | 1135 | rBV3 | 552 | 306 | 0.02% | 0.003% |
| 23 | 4.712 | 1139 | 1142 | 1145 | rBV3 | 428 | 305 | 0.02% | 0.003% |
| 24 | 4.741 | 1147 | 1151 | 1155 | rBV3 | 824 | 587 | 0.04% | 0.005% |
| 25 | 4.851 | 1182 | 1185 | 1188 | rBV2 | 403 | 291 | 0.02% | 0.003% |
| 26 | 4.905 | 1199 | 1202 | 1205 | rBV3 | 487 | 269 | 0.02% | 0.003% |
| 27 | 5.040 | 1227 | 1244 | 1270 | rBV2 | 560411 | 1431665 | 100.00% | 13.349% |
| 28 | 5.252 | 1308 | 1310 | 1313 | rVB | 721 | 347 | 0.02% | 0.003% |
| 29 | 5.317 | 1328 | 1330 | 1335 | rBV3 | 474 | 374 | 0.03% | 0.003% |
| 30 | 5.426 | 1360 | 1364 | 1366 | rBV3 | 389 | 334 | 0.02% | 0.003% |
| 31 | 5.474 | 1374 | 1379 | 1380 | rBV3 | 459 | 318 | 0.02% | 0.003% |
| 32 | 5.548 | 1399 | 1402 | 1406 | rBV3 | 333 | 250 | 0.02% | 0.002% |
| 33 | 5.609 | 1408 | 1421 | 1451 | rBV | 401616 | 817148 | 57.08% | 7.619% |
| 34 | 5.905 | 1504 | 1513 | 1525 | rBV5 | 6286 | 12934 | 0.90% | 0.121% |
| 35 | 6.008 | 1542 | 1545 | 1547 | rBV3 | 870 | 599 | 0.04% | 0.006% |
| 36 | 6.063 | 1549 | 1562 | 1585 | rVV | 307936 | 629796 | 43.99% | 5.872% |

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092022\
Data File : VV027985.D
Acq On : 21 Sep 2022 00:36
Operator : SY/MD
Sample : N4620-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 31 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** C0E54

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\SFAMVLM092022WMA.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 6.301 | 1628 | 1636 | 1644 | rBV7 | 5501 | 10896 | 0.76% | 0.102% |
| 38 | 6.461 | 1684 | 1686 | 1688 | rVB | 671 | 269 | 0.02% | 0.003% |
| 39 | 6.523 | 1703 | 1705 | 1706 | rBV2 | 665 | 293 | 0.02% | 0.003% |
| 40 | 6.574 | 1719 | 1721 | 1723 | rBV3 | 587 | 286 | 0.02% | 0.003% |
| 41 | 6.683 | 1753 | 1755 | 1758 | rBV | 943 | 626 | 0.04% | 0.006% |
| 42 | 6.715 | 1763 | 1765 | 1771 | rVB3 | 868 | 621 | 0.04% | 0.006% |
| 43 | 6.809 | 1791 | 1794 | 1799 | rVB4 | 344 | 259 | 0.02% | 0.002% |
| 44 | 6.834 | 1800 | 1802 | 1806 | rVB3 | 716 | 326 | 0.02% | 0.003% |
| 45 | 6.857 | 1806 | 1809 | 1811 | rBV2 | 393 | 244 | 0.02% | 0.002% |
| 46 | 6.982 | 1837 | 1848 | 1870 | rBV2 | 158136 | 293465 | 20.50% | 2.736% |
| 47 | 7.130 | 1891 | 1894 | 1897 | rBV3 | 704 | 559 | 0.04% | 0.005% |
| 48 | 7.313 | 1939 | 1951 | 1970 | rBV | 633632 | 1097717 | 76.67% | 10.235% |
| 49 | 7.571 | 2029 | 2031 | 2032 | rBV | 556 | 247 | 0.02% | 0.002% |
| 50 | 7.619 | 2036 | 2046 | 2073 | rVV2 | 109483 | 199585 | 13.94% | 1.861% |
| 51 | 7.940 | 2137 | 2146 | 2156 | rVB3 | 2596 | 4788 | 0.33% | 0.045% |
| 52 | 8.085 | 2181 | 2191 | 2223 | rBV | 407599 | 745269 | 52.06% | 6.949% |
| 53 | 8.519 | 2325 | 2326 | 2330 | rVB2 | 601 | 288 | 0.02% | 0.003% |
| 54 | 8.638 | 2360 | 2363 | 2365 | rBV3 | 551 | 396 | 0.03% | 0.004% |
| 55 | 8.728 | 2389 | 2391 | 2397 | rVB3 | 402 | 270 | 0.02% | 0.003% |
| 56 | 8.764 | 2398 | 2402 | 2406 | rBV3 | 802 | 514 | 0.04% | 0.005% |
| 57 | 8.847 | 2417 | 2428 | 2447 | rBV | 597347 | 976100 | 68.18% | 9.101% |
| 58 | 9.066 | 2494 | 2496 | 2497 | rBV | 608 | 283 | 0.02% | 0.003% |
| 59 | 9.284 | 2562 | 2564 | 2568 | rVB | 693 | 449 | 0.03% | 0.004% |
| 60 | 9.317 | 2571 | 2574 | 2577 | rBV2 | 629 | 385 | 0.03% | 0.004% |
| 61 | 9.436 | 2608 | 2611 | 2614 | rBV2 | 298 | 234 | 0.02% | 0.002% |
| 62 | 9.551 | 2641 | 2647 | 2648 | rBV4 | 1041 | 709 | 0.05% | 0.007% |
| 63 | 9.674 | 2683 | 2685 | 2689 | rVB2 | 583 | 346 | 0.02% | 0.003% |
| 64 | 9.706 | 2689 | 2695 | 2697 | rBV2 | 398 | 285 | 0.02% | 0.003% |
| 65 | 9.812 | 2721 | 2728 | 2731 | rBV5 | 1284 | 1290 | 0.09% | 0.012% |
| 66 | 9.953 | 2769 | 2772 | 2773 | rBV | 440 | 225 | 0.02% | 0.002% |
| 67 | 10.040 | 2795 | 2799 | 2802 | rBV3 | 479 | 326 | 0.02% | 0.003% |
| 68 | 10.124 | 2819 | 2825 | 2834 | rVB7 | 1851 | 2653 | 0.19% | 0.025% |
| 69 | 10.214 | 2840 | 2853 | 2875 | rBV | 440651 | 693588 | 48.45% | 6.467% |
| 70 | 10.349 | 2893 | 2895 | 2897 | rBV2 | 850 | 522 | 0.04% | 0.005% |
| 71 | 10.384 | 2897 | 2906 | 2913 | rVB4 | 2295 | 3875 | 0.27% | 0.036% |
| 72 | 10.448 | 2924 | 2926 | 2930 | rBV3 | 595 | 374 | 0.03% | 0.003% |
| 73 | 10.545 | 2952 | 2956 | 2958 | rBV3 | 490 | 395 | 0.03% | 0.004% |
| 74 | 10.718 | 3005 | 3010 | 3015 | rVB3 | 394 | 453 | 0.03% | 0.004% |
| 75 | 10.818 | 3037 | 3041 | 3046 | rBV3 | 500 | 528 | 0.04% | 0.005% |
| 76 | 10.876 | 3057 | 3059 | 3063 | rBV2 | 276 | 249 | 0.02% | 0.002% |

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092022\
Data File : VV027985.D
Acq On : 21 Sep 2022 00:36
Operator : SY/MD
Sample : N4620-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 31 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0E54

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\SFAMVLM092022WMA.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 10.911 | 3063 | 3070 | 3072 | rBV5 | 2179 | 2137 | 0.15% | 0.020% |
| 78 | 11.149 | 3138 | 3144 | 3148 | rBV5 | 1476 | 1487 | 0.10% | 0.014% |
| 79 | 11.246 | 3162 | 3174 | 3194 | rBV | 564534 | 869592 | 60.74% | 8.108% |
| 80 | 11.426 | 3227 | 3230 | 3237 | rVB6 | 1404 | 1093 | 0.08% | 0.010% |
| 81 | 11.481 | 3244 | 3247 | 3249 | rBV2 | 636 | 405 | 0.03% | 0.004% |
| 82 | 11.519 | 3255 | 3259 | 3261 | rVB4 | 654 | 420 | 0.03% | 0.004% |
| 83 | 11.535 | 3261 | 3264 | 3266 | rBV2 | 824 | 626 | 0.04% | 0.006% |
| 84 | 11.622 | 3279 | 3291 | 3318 | rBV | 601851 | 948150 | 66.23% | 8.841% |
| 85 | 12.046 | 3421 | 3423 | 3426 | rVB2 | 661 | 341 | 0.02% | 0.003% |
| 86 | 12.210 | 3472 | 3474 | 3479 | rVB3 | 391 | 241 | 0.02% | 0.002% |
| 87 | 12.333 | 3509 | 3512 | 3514 | rBV3 | 584 | 367 | 0.03% | 0.003% |
| 88 | 12.345 | 3514 | 3516 | 3517 | rBV3 | 812 | 302 | 0.02% | 0.003% |
| 89 | 12.712 | 3627 | 3630 | 3632 | rBV2 | 594 | 374 | 0.03% | 0.003% |
| 90 | 12.889 | 3680 | 3685 | 3689 | rVB2 | 730 | 561 | 0.04% | 0.005% |
| 91 | 12.908 | 3689 | 3691 | 3697 | rBV3 | 583 | 385 | 0.03% | 0.004% |
| 92 | 13.069 | 3736 | 3741 | 3744 | rBV3 | 322 | 316 | 0.02% | 0.003% |
| 93 | 13.316 | 3815 | 3818 | 3821 | rVB | 450 | 235 | 0.02% | 0.002% |
| 94 | 13.374 | 3833 | 3836 | 3837 | rBV2 | 429 | 250 | 0.02% | 0.002% |
| 95 | 13.484 | 3868 | 3870 | 3873 | rBV2 | 728 | 485 | 0.03% | 0.005% |
| 96 | 13.889 | 3994 | 3996 | 3997 | rBV2 | 571 | 261 | 0.02% | 0.002% |
| 97 | 14.683 | 4240 | 4243 | 4245 | rBV2 | 788 | 425 | 0.03% | 0.004% |
| 98 | 14.744 | 4259 | 4262 | 4265 | rVB3 | 955 | 523 | 0.04% | 0.005% |
| 99 | 14.844 | 4291 | 4293 | 4296 | rVB2 | 1113 | 615 | 0.04% | 0.006% |
| 100 | 14.866 | 4296 | 4300 | 4305 | rBV3 | 696 | 943 | 0.07% | 0.009% |

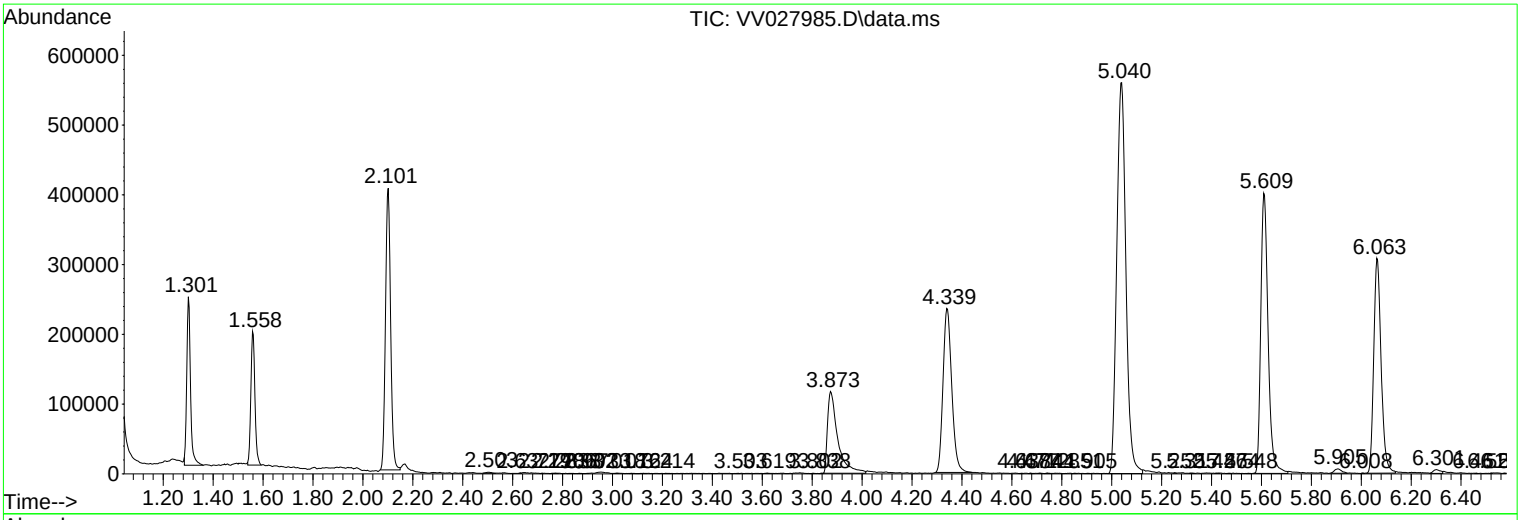
Sum of corrected areas: 10724856

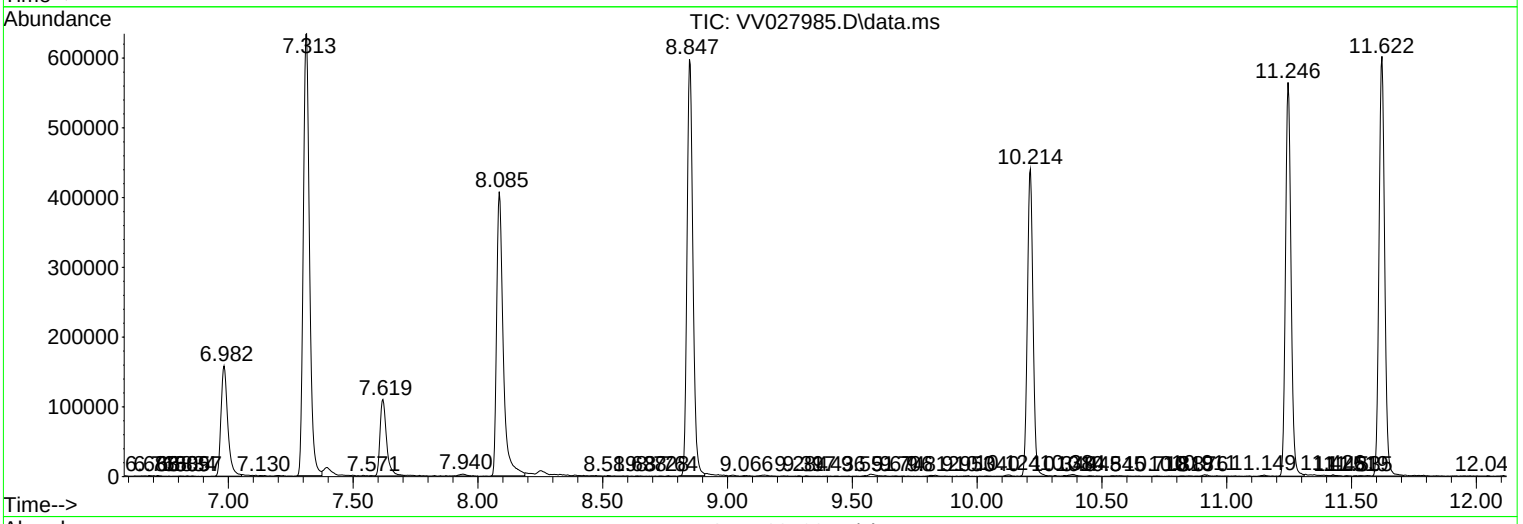
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092022\
Data File : VV027985.D
Acq On : 21 Sep 2022 00:36
Operator : SY/MD
Sample : N4620-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 31 Sample Multiplier: 1

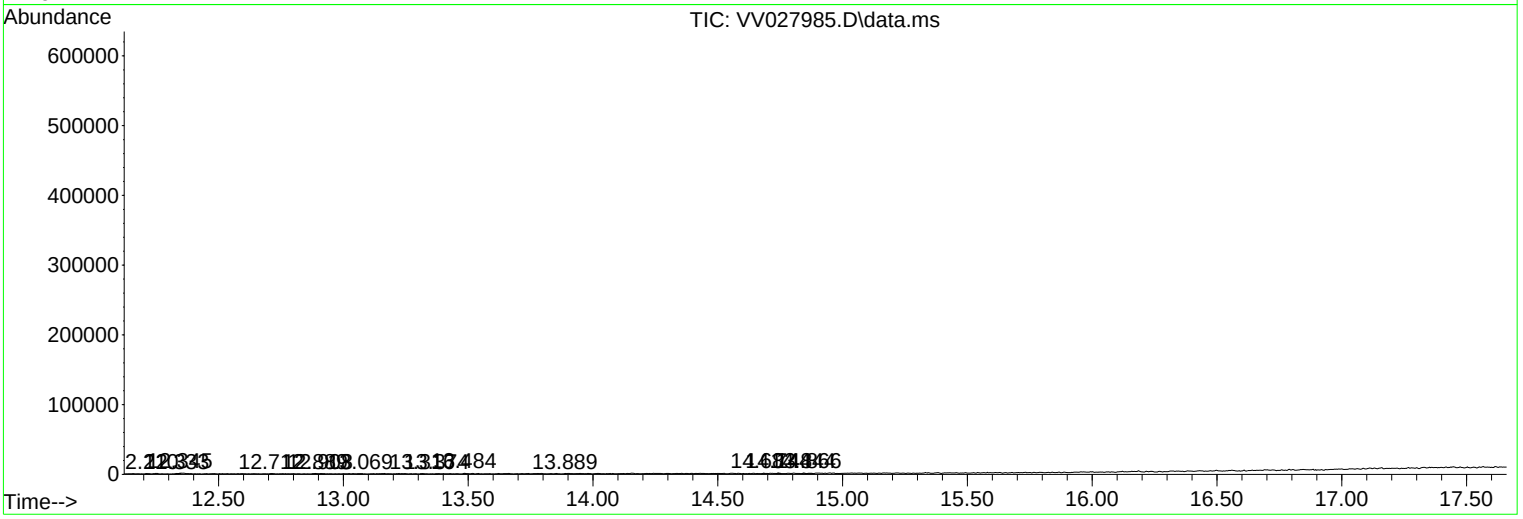
**Instrument :**
MSVOA_V
**ClientSampleId :**
C0E54

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092022WMA.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\VV092022\
Data File : VV027985.D
Acq On : 21 Sep 2022 00:36
Operator : SY/MD
Sample : N4620-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 31 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0E54

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092022WMA.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\VV092022\
Data File : VV027985.D
Acq On : 21 Sep 2022 00:36
Operator : SY/MD
Sample : N4620-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 31 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0E54

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092022WMA.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 |