LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120822\
Data File : VV029470.D
Acq On : 08 Dec 2022 14:15
Operator : SY/MD
Sample : N5894-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** C0AA6

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\SFAMVLM120722WMA.M
Title : VOC Analysis

Signal : TIC: VV029470.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.105 | 14 | 20 | 34 | rVB | 507507 | 457462 | 27.95% | 3.235% |
| 2 | 1.304 | 73 | 82 | 92 | rVB2 | 316079 | 403086 | 24.63% | 2.850% |
| 3 | 1.413 | 111 | 116 | 124 | rBV | 33577 | 32301 | 1.97% | 0.228% |
| 4 | 1.561 | 155 | 162 | 176 | rVB | 171885 | 199226 | 12.17% | 1.409% |
| 5 | 1.764 | 218 | 225 | 231 | rBV | 42009 | 50099 | 3.06% | 0.354% |
| 6 | 1.979 | 286 | 292 | 300 | rVB2 | 14001 | 18782 | 1.15% | 0.133% |
| 7 | 2.105 | 320 | 331 | 343 | rBV | 319450 | 458545 | 28.02% | 3.242% |
| 8 | 2.355 | 407 | 409 | 411 | rVB2 | 511 | 231 | 0.01% | 0.002% |
| 9 | 2.384 | 411 | 418 | 425 | rBV5 | 1661 | 3077 | 0.19% | 0.022% |
| 10 | 2.712 | 518 | 520 | 523 | rBV | 243 | 148 | 0.01% | 0.001% |
| 11 | 2.950 | 581 | 594 | 606 | rBV2 | 10530 | 21080 | 1.29% | 0.149% |
| 12 | 3.143 | 653 | 654 | 656 | rBV | 259 | 141 | 0.01% | 0.001% |
| 13 | 3.320 | 707 | 709 | 710 | rBV | 198 | 73 | 0.00% | 0.001% |
| 14 | 3.391 | 730 | 731 | 733 | rBV | 228 | 124 | 0.01% | 0.001% |
| 15 | 3.410 | 733 | 737 | 739 | rBV3 | 571 | 446 | 0.03% | 0.003% |
| 16 | 3.571 | 784 | 787 | 790 | rBV3 | 375 | 206 | 0.01% | 0.001% |
| 17 | 3.632 | 803 | 806 | 809 | rVB2 | 213 | 127 | 0.01% | 0.001% |
| 18 | 3.703 | 824 | 828 | 831 | rBV2 | 204 | 186 | 0.01% | 0.001% |
| 19 | 3.732 | 835 | 837 | 839 | rBV2 | 146 | 75 | 0.00% | 0.001% |
| 20 | 3.748 | 839 | 842 | 843 | rBV | 369 | 235 | 0.01% | 0.002% |
| 21 | 3.777 | 849 | 851 | 858 | rVB2 | 183 | 180 | 0.01% | 0.001% |
| 22 | 3.809 | 858 | 861 | 863 | rBV | 168 | 125 | 0.01% | 0.001% |
| 23 | 3.867 | 867 | 879 | 933 | rBV | 127593 | 354264 | 21.65% | 2.505% |
| 24 | 4.339 | 1009 | 1026 | 1054 | rBV | 262329 | 699687 | 42.75% | 4.947% |
| 25 | 4.606 | 1107 | 1109 | 1111 | rBV | 214 | 87 | 0.01% | 0.001% |
| 26 | 4.629 | 1111 | 1116 | 1121 | rBV4 | 435 | 474 | 0.03% | 0.003% |
| 27 | 4.654 | 1121 | 1124 | 1125 | rBV2 | 483 | 312 | 0.02% | 0.002% |
| 28 | 4.703 | 1135 | 1139 | 1142 | rBV2 | 600 | 549 | 0.03% | 0.004% |
| 29 | 4.738 | 1142 | 1150 | 1156 | rBV6 | 1431 | 2066 | 0.13% | 0.015% |
| 30 | 4.799 | 1166 | 1169 | 1171 | rBV | 143 | 94 | 0.01% | 0.001% |
| 31 | 4.854 | 1181 | 1186 | 1189 | rBV2 | 256 | 225 | 0.01% | 0.002% |
| 32 | 4.870 | 1189 | 1191 | 1195 | rVV2 | 409 | 246 | 0.02% | 0.002% |
| 33 | 4.908 | 1195 | 1203 | 1208 | rVB5 | 796 | 1018 | 0.06% | 0.007% |
| 34 | 4.931 | 1208 | 1210 | 1214 | rBV | 213 | 154 | 0.01% | 0.001% |
| 35 | 5.040 | 1226 | 1244 | 1290 | rBV2 | 613712 | 1636609 | 100.00% | 11.572% |
| 36 | 5.307 | 1324 | 1327 | 1330 | rBV3 | 555 | 360 | 0.02% | 0.003% |

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120822\
Data File : VV029470.D
Acq On : 08 Dec 2022 14:15
Operator : SY/MD
Sample : N5894-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0AA6

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\SFAMVLM120722WMA.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 5.343 | 1336 | 1338 | 1339 | rBV2 | 585 | 234 | 0.01% | 0.002% |
| 38 | 5.439 | 1365 | 1368 | 1369 | rBV | 240 | 147 | 0.01% | 0.001% |
| 39 | 5.484 | 1375 | 1382 | 1389 | rBV7 | 1032 | 1376 | 0.08% | 0.010% |
| 40 | 5.542 | 1394 | 1400 | 1408 | rVB4 | 822 | 1240 | 0.08% | 0.009% |
| 41 | 5.609 | 1408 | 1421 | 1466 | rBV | 581025 | 1193621 | 72.93% | 8.440% |
| 42 | 5.902 | 1502 | 1512 | 1519 | rBV8 | 4114 | 8728 | 0.53% | 0.062% |
| 43 | 5.989 | 1535 | 1539 | 1540 | rBV2 | 487 | 309 | 0.02% | 0.002% |
| 44 | 6.063 | 1547 | 1562 | 1599 | rBV | 348741 | 734816 | 44.90% | 5.196% |
| 45 | 6.330 | 1643 | 1645 | 1649 | rBV2 | 355 | 303 | 0.02% | 0.002% |
| 46 | 6.416 | 1669 | 1672 | 1673 | rBV2 | 105 | 63 | 0.00% | 0.000% |
| 47 | 6.426 | 1673 | 1675 | 1680 | rVB | 339 | 254 | 0.02% | 0.002% |
| 48 | 6.452 | 1680 | 1683 | 1684 | rBV2 | 128 | 83 | 0.01% | 0.001% |
| 49 | 6.487 | 1692 | 1694 | 1697 | rBV | 253 | 145 | 0.01% | 0.001% |
| 50 | 6.506 | 1697 | 1700 | 1702 | rBV3 | 249 | 167 | 0.01% | 0.001% |
| 51 | 6.535 | 1708 | 1709 | 1710 | rBV3 | 148 | 54 | 0.00% | 0.000% |
| 52 | 6.584 | 1721 | 1724 | 1725 | rBV | 263 | 115 | 0.01% | 0.001% |
| 53 | 6.619 | 1728 | 1735 | 1736 | rBV2 | 1243 | 1126 | 0.07% | 0.008% |
| 54 | 6.812 | 1792 | 1795 | 1797 | rVB | 292 | 163 | 0.01% | 0.001% |
| 55 | 6.828 | 1797 | 1800 | 1803 | rVB3 | 540 | 314 | 0.02% | 0.002% |
| 56 | 6.841 | 1803 | 1804 | 1806 | rBV3 | 215 | 69 | 0.00% | 0.000% |
| 57 | 6.857 | 1806 | 1809 | 1810 | rBV | 166 | 95 | 0.01% | 0.001% |
| 58 | 6.979 | 1833 | 1847 | 1878 | rBV | 202597 | 382265 | 23.36% | 2.703% |
| 59 | 7.307 | 1936 | 1949 | 1984 | rBV | 759481 | 1364516 | 83.37% | 9.648% |
| 60 | 7.613 | 2034 | 2044 | 2071 | rBV | 141370 | 251467 | 15.37% | 1.778% |
| 61 | 7.934 | 2136 | 2144 | 2154 | rVB3 | 4976 | 8469 | 0.52% | 0.060% |
| 62 | 8.082 | 2179 | 2190 | 2225 | rBV | 446369 | 808367 | 49.39% | 5.716% |
| 63 | 8.465 | 2307 | 2309 | 2310 | rBV | 395 | 134 | 0.01% | 0.001% |
| 64 | 8.526 | 2326 | 2328 | 2331 | rVB | 376 | 206 | 0.01% | 0.001% |
| 65 | 8.548 | 2332 | 2335 | 2337 | rBV2 | 325 | 218 | 0.01% | 0.002% |
| 66 | 8.664 | 2368 | 2371 | 2376 | rBV4 | 394 | 374 | 0.02% | 0.003% |
| 67 | 8.844 | 2408 | 2427 | 2458 | rBV | 854524 | 1402804 | 85.71% | 9.919% |
| 68 | 9.130 | 2509 | 2516 | 2517 | rBV3 | 2495 | 2300 | 0.14% | 0.016% |
| 69 | 9.227 | 2544 | 2546 | 2550 | rBV | 386 | 255 | 0.02% | 0.002% |
| 70 | 9.259 | 2554 | 2556 | 2557 | rBV2 | 271 | 88 | 0.01% | 0.001% |
| 71 | 9.288 | 2562 | 2565 | 2573 | rVB3 | 292 | 334 | 0.02% | 0.002% |
| 72 | 9.384 | 2588 | 2595 | 2601 | rBV4 | 964 | 1374 | 0.08% | 0.010% |
| 73 | 9.423 | 2605 | 2607 | 2611 | rVB3 | 392 | 224 | 0.01% | 0.002% |
| 74 | 9.477 | 2618 | 2624 | 2627 | rBV3 | 384 | 331 | 0.02% | 0.002% |
| 75 | 9.538 | 2631 | 2643 | 2645 | rBV5 | 1817 | 2535 | 0.15% | 0.018% |
| 76 | 9.622 | 2666 | 2669 | 2671 | rVB3 | 300 | 161 | 0.01% | 0.001% |

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120822\
Data File : VV029470.D
Acq On : 08 Dec 2022 14:15
Operator : SY/MD
Sample : N5894-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0AA6

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\SFAMVLM120722WMA.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 9.706 | 2690 | 2695 | 2703 | rBV3 | 974 | 1266 | 0.08% | 0.009% |
| 78 | 9.812 | 2727 | 2728 | 2734 | rVB2 | 390 | 245 | 0.01% | 0.002% |
| 79 | 9.915 | 2756 | 2760 | 2761 | rBV2 | 496 | 369 | 0.02% | 0.003% |
| 80 | 9.953 | 2770 | 2772 | 2775 | rBV | 210 | 163 | 0.01% | 0.001% |
| 81 | 10.114 | 2819 | 2822 | 2826 | rBV | 298 | 184 | 0.01% | 0.001% |
| 82 | 10.204 | 2838 | 2850 | 2867 | rBV | 539552 | 854648 | 52.22% | 6.043% |
| 83 | 10.442 | 2922 | 2924 | 2927 | rVB2 | 438 | 200 | 0.01% | 0.001% |
| 84 | 10.481 | 2934 | 2936 | 2939 | rBV | 267 | 189 | 0.01% | 0.001% |
| 85 | 10.503 | 2939 | 2943 | 2945 | rVV2 | 497 | 365 | 0.02% | 0.003% |
| 86 | 10.532 | 2945 | 2952 | 2960 | rVV4 | 792 | 1360 | 0.08% | 0.010% |
| 87 | 10.635 | 2981 | 2984 | 2986 | rBV2 | 145 | 94 | 0.01% | 0.001% |
| 88 | 10.789 | 3028 | 3032 | 3034 | rBV3 | 326 | 237 | 0.01% | 0.002% |
| 89 | 10.905 | 3064 | 3068 | 3075 | rBV4 | 1418 | 1760 | 0.11% | 0.012% |
| 90 | 10.982 | 3088 | 3092 | 3093 | rBV3 | 421 | 293 | 0.02% | 0.002% |
| 91 | 11.027 | 3103 | 3106 | 3108 | rBV | 509 | 311 | 0.02% | 0.002% |
| 92 | 11.088 | 3117 | 3125 | 3134 | rVB | 6816 | 10068 | 0.62% | 0.071% |
| 93 | 11.127 | 3134 | 3137 | 3139 | rBV3 | 563 | 345 | 0.02% | 0.002% |
| 94 | 11.236 | 3147 | 3171 | 3195 | rBV | 940083 | 1450950 | 88.66% | 10.259% |
| 95 | 11.516 | 3255 | 3258 | 3259 | rBV2 | 395 | 209 | 0.01% | 0.001% |
| 96 | 11.548 | 3259 | 3268 | 3276 | rVV3 | 13974 | 25443 | 1.55% | 0.180% |
| 97 | 11.612 | 3277 | 3288 | 3317 | rVB | 808987 | 1278146 | 78.10% | 9.038% |
| 98 | 11.882 | 3370 | 3372 | 3374 | rBV2 | 390 | 224 | 0.01% | 0.002% |
| 99 | 12.243 | 3475 | 3484 | 3494 | rBV8 | 1848 | 3168 | 0.19% | 0.022% |
| 100 | 13.066 | 3737 | 3740 | 3743 | rBV2 | 581 | 438 | 0.03% | 0.003% |

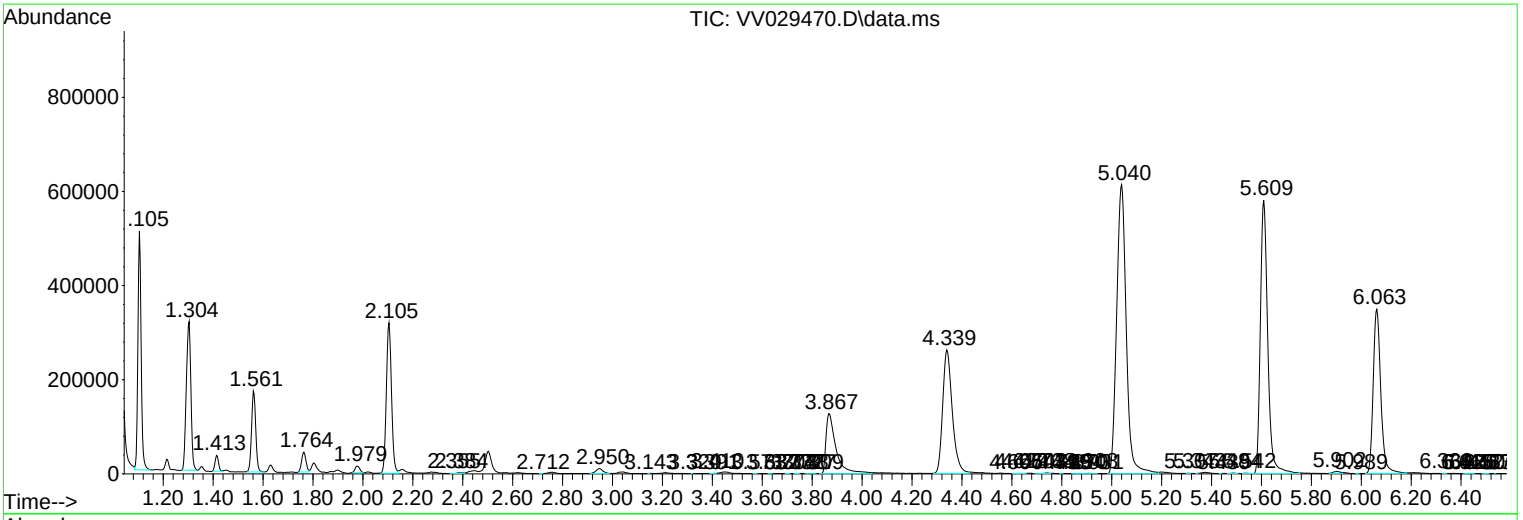
Sum of corrected areas: 14142619

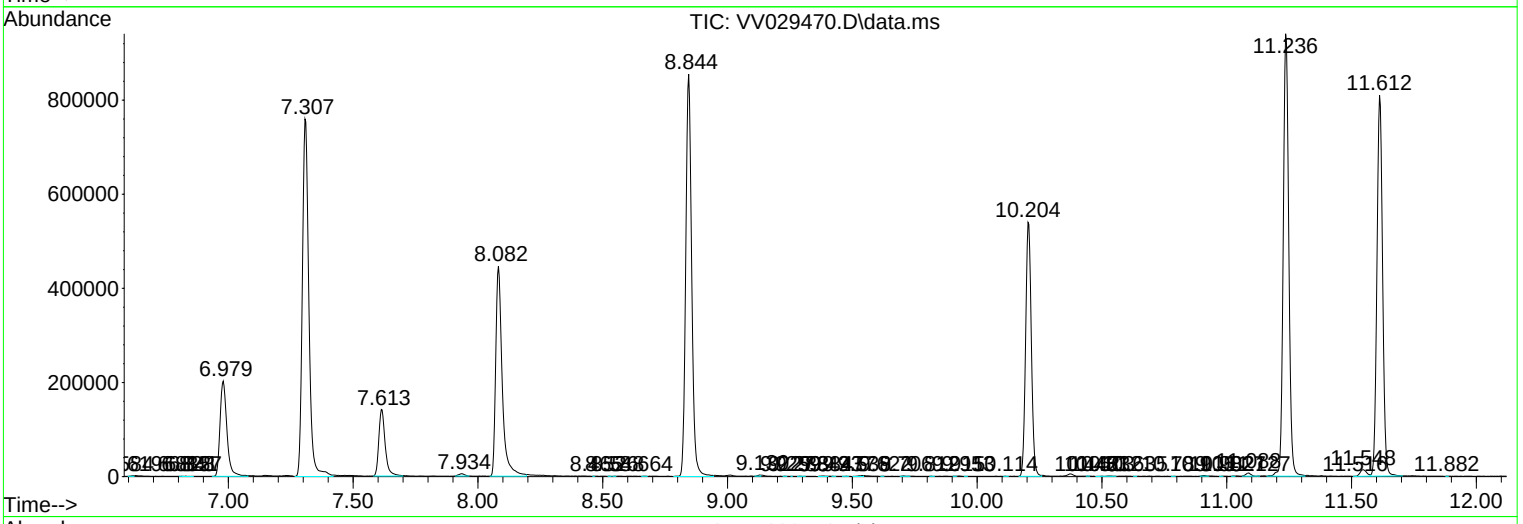
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120822\
Data File : VV029470.D
Acq On : 08 Dec 2022 14:15
Operator : SY/MD
Sample : N5894-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

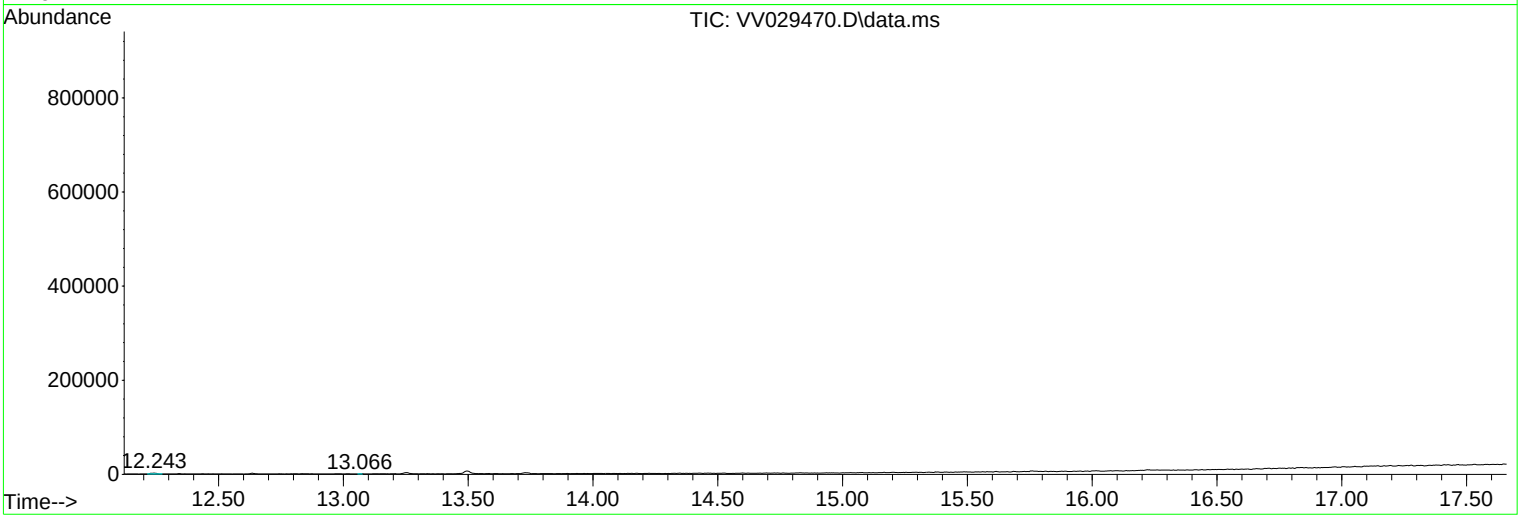
**Instrument :**
MSVOA_V
**ClientSampleId :**
C0AA6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120822\
Data File : VV029470.D
Acq On : 08 Dec 2022 14:15
Operator : SY/MD
Sample : N5894-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0AA6

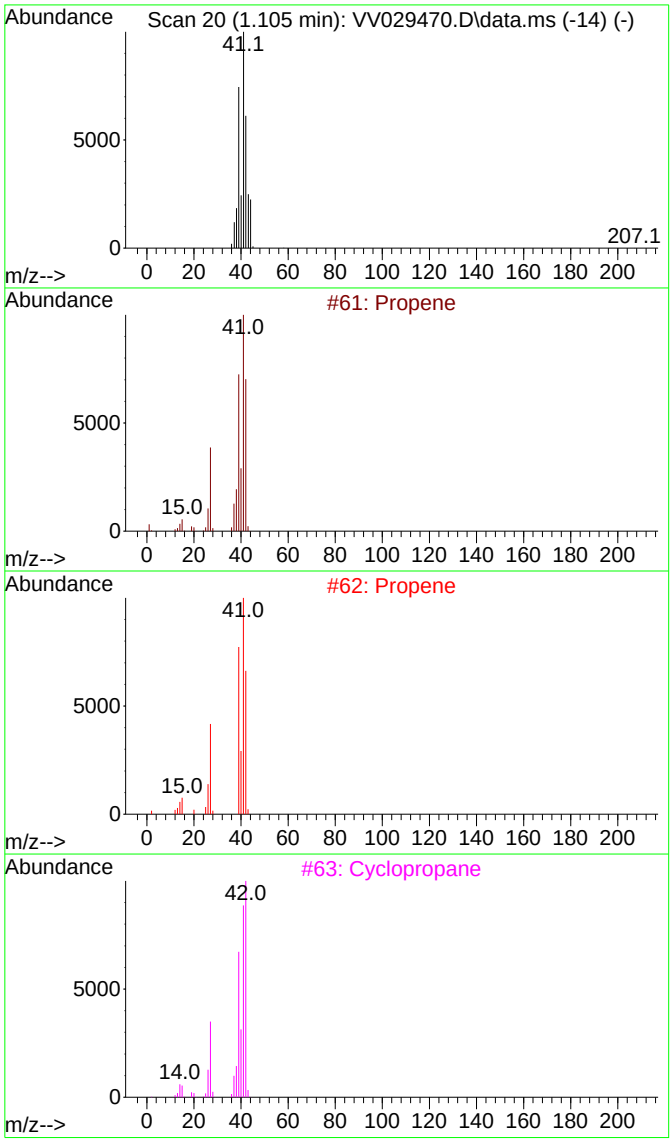
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
Quant Title : VOC Analysis

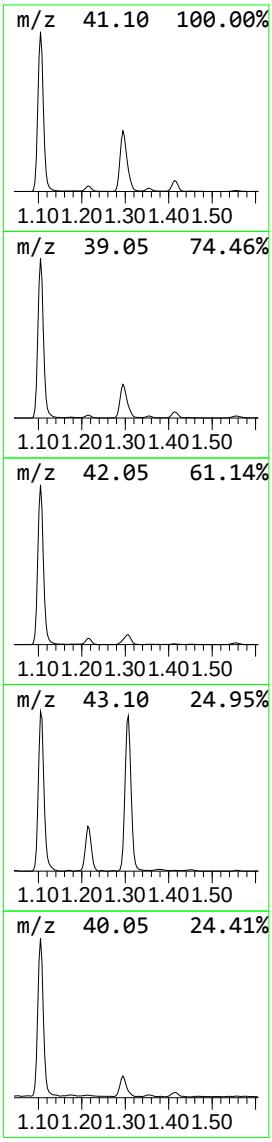
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 1.105 | 19.16 ug/L | 457462 | 1,4-Difluorobenzene | 5.609 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Propene | 42 | C3H6 | 000115-07-1 | 90 |
| 2 | Propene | 42 | C3H6 | 000115-07-1 | 50 |
| 3 | Cyclopropane | 42 | C3H6 | 000075-19-4 | 14 |
| 4 | Cyclopropane | 42 | C3H6 | 000075-19-4 | 10 |
| 5 | 2-Oxetanone, 4-methyl- | 86 | C4H6O2 | 003068-88-0 | 9 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120822\
Data File : VV029470.D
Acq On : 08 Dec 2022 14:15
Operator : SY/MD
Sample : N5894-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0AA6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.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 |
| (DEL) Alkane: S... | 1.105 | 19.2 | ug/L | 457462 | 1 | 5.609 | 1193620 | 50.0 |