LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031524\
Data File : VX040647.D
Acq On : 15 Mar 2024 12:35
Operator : JC/MD
Sample : P1753-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
YCKZ6

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_X\Method\SFAMXLM030724WMA.M
Title : VOC Analysis

Signal : TIC: VX040647.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.264 | 27 | 29 | 32 | rVB | 760 | 770 | 0.12% | 0.015% |
| 2 | 1.368 | 42 | 46 | 52 | rBV | 83123 | 85402 | 13.47% | 1.651% |
| 3 | 1.666 | 91 | 95 | 105 | rBV | 56691 | 83426 | 13.16% | 1.613% |
| 4 | 2.142 | 169 | 173 | 178 | rVB5 | 2263 | 3889 | 0.61% | 0.075% |
| 5 | 2.306 | 194 | 200 | 208 | rBV | 124373 | 192471 | 30.37% | 3.721% |
| 6 | 2.380 | 208 | 212 | 225 | rVB | 14592 | 23909 | 3.77% | 0.462% |
| 7 | 2.532 | 230 | 237 | 252 | rBV | 118002 | 217713 | 34.35% | 4.209% |
| 8 | 3.111 | 325 | 332 | 333 | rBV3 | 1545 | 2196 | 0.35% | 0.042% |
| 9 | 3.337 | 365 | 369 | 371 | rBV2 | 299 | 407 | 0.06% | 0.008% |
| 10 | 3.404 | 379 | 380 | 383 | rVB2 | 238 | 176 | 0.03% | 0.003% |
| 11 | 3.556 | 402 | 405 | 407 | rBV2 | 228 | 289 | 0.05% | 0.006% |
| 12 | 3.605 | 407 | 413 | 422 | rVV2 | 2256 | 5272 | 0.83% | 0.102% |
| 13 | 3.733 | 431 | 434 | 435 | rBV | 230 | 207 | 0.03% | 0.004% |
| 14 | 3.806 | 444 | 446 | 447 | rBV | 224 | 161 | 0.03% | 0.003% |
| 15 | 3.965 | 469 | 472 | 474 | rBV2 | 191 | 244 | 0.04% | 0.005% |
| 16 | 4.190 | 507 | 509 | 511 | rBV2 | 217 | 262 | 0.04% | 0.005% |
| 17 | 4.452 | 541 | 552 | 570 | rBV | 55602 | 157532 | 24.85% | 3.046% |
| 18 | 4.763 | 601 | 603 | 606 | rVB2 | 273 | 172 | 0.03% | 0.003% |
| 19 | 5.062 | 637 | 652 | 668 | rBV | 87260 | 277176 | 43.73% | 5.359% |
| 20 | 5.221 | 676 | 678 | 683 | rBV4 | 505 | 635 | 0.10% | 0.012% |
| 21 | 5.483 | 720 | 721 | 723 | rBV | 174 | 164 | 0.03% | 0.003% |
| 22 | 5.525 | 726 | 728 | 731 | rVV2 | 187 | 217 | 0.03% | 0.004% |
| 23 | 5.794 | 770 | 772 | 773 | rVB | 294 | 152 | 0.02% | 0.003% |
| 24 | 5.970 | 788 | 801 | 818 | rBV2 | 207560 | 633824 | 100.00% | 12.254% |
| 25 | 6.172 | 832 | 834 | 838 | rVB | 195 | 215 | 0.03% | 0.004% |
| 26 | 6.403 | 870 | 872 | 875 | rVB2 | 252 | 182 | 0.03% | 0.004% |
| 27 | 6.611 | 903 | 906 | 910 | rBV2 | 271 | 397 | 0.06% | 0.008% |
| 28 | 6.763 | 921 | 931 | 946 | rBV | 151647 | 369981 | 58.37% | 7.153% |
| 29 | 6.921 | 953 | 957 | 958 | rBV2 | 283 | 411 | 0.06% | 0.008% |
| 30 | 7.031 | 973 | 975 | 978 | rBV | 223 | 262 | 0.04% | 0.005% |
| 31 | 7.129 | 984 | 991 | 997 | rVB6 | 1212 | 2907 | 0.46% | 0.056% |
| 32 | 7.306 | 1012 | 1020 | 1039 | rVB | 131800 | 293364 | 46.28% | 5.672% |
| 33 | 7.434 | 1039 | 1041 | 1043 | rBV2 | 210 | 186 | 0.03% | 0.004% |
| 34 | 7.744 | 1089 | 1092 | 1094 | rBV | 172 | 186 | 0.03% | 0.004% |
| 35 | 7.769 | 1094 | 1096 | 1099 | rVB | 223 | 215 | 0.03% | 0.004% |
| 36 | 7.952 | 1121 | 1126 | 1129 | rVB2 | 469 | 707 | 0.11% | 0.014% |

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Operator : JC/MD
Sample : P1753-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** YCKZ6

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_X\Method\SFAMXLM030724WMA.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 7.982 | 1129 | 1131 | 1132 | rVB2 | 257 | 164 | 0.03% | 0.003% |
| 38 | 8.037 | 1138 | 1140 | 1142 | rBV2 | 225 | 238 | 0.04% | 0.005% |
| 39 | 8.281 | 1177 | 1180 | 1181 | rBV | 204 | 219 | 0.03% | 0.004% |
| 40 | 8.324 | 1181 | 1187 | 1199 | rVV | 93485 | 151326 | 23.88% | 2.926% |
| 41 | 8.494 | 1213 | 1215 | 1221 | rVB | 431 | 542 | 0.09% | 0.010% |
| 42 | 8.647 | 1234 | 1240 | 1254 | rBV | 306355 | 475924 | 75.09% | 9.202% |
| 43 | 8.952 | 1284 | 1290 | 1302 | rVV | 66179 | 101203 | 15.97% | 1.957% |
| 44 | 9.153 | 1321 | 1323 | 1326 | rVB | 326 | 253 | 0.04% | 0.005% |
| 45 | 9.226 | 1332 | 1335 | 1336 | rBV | 204 | 170 | 0.03% | 0.003% |
| 46 | 9.244 | 1336 | 1338 | 1340 | rBV | 145 | 186 | 0.03% | 0.004% |
| 47 | 9.275 | 1340 | 1343 | 1348 | rVB2 | 901 | 1161 | 0.18% | 0.022% |
| 48 | 9.384 | 1355 | 1361 | 1371 | rBV | 253619 | 364665 | 57.53% | 7.050% |
| 49 | 9.628 | 1399 | 1401 | 1404 | rBV | 258 | 179 | 0.03% | 0.003% |
| 50 | 9.695 | 1409 | 1412 | 1418 | rVB2 | 350 | 576 | 0.09% | 0.011% |
| 51 | 9.964 | 1455 | 1456 | 1459 | rBV2 | 222 | 263 | 0.04% | 0.005% |
| 52 | 10.055 | 1465 | 1471 | 1486 | rBV | 331413 | 457458 | 72.17% | 8.845% |
| 53 | 10.207 | 1492 | 1496 | 1499 | rVV | 163 | 217 | 0.03% | 0.004% |
| 54 | 10.250 | 1501 | 1503 | 1508 | rVB2 | 243 | 239 | 0.04% | 0.005% |
| 55 | 10.653 | 1567 | 1569 | 1572 | rVB2 | 275 | 248 | 0.04% | 0.005% |
| 56 | 11.091 | 1638 | 1641 | 1644 | rVB4 | 772 | 837 | 0.13% | 0.016% |
| 57 | 11.189 | 1652 | 1657 | 1666 | rBV | 262787 | 334615 | 52.79% | 6.469% |
| 58 | 11.311 | 1674 | 1677 | 1681 | rBV2 | 1318 | 1503 | 0.24% | 0.029% |
| 59 | 11.427 | 1694 | 1696 | 1698 | rBV | 170 | 157 | 0.02% | 0.003% |
| 60 | 11.457 | 1698 | 1701 | 1703 | rVB | 299 | 286 | 0.05% | 0.006% |
| 61 | 11.652 | 1732 | 1733 | 1737 | rVB3 | 232 | 208 | 0.03% | 0.004% |
| 62 | 11.713 | 1739 | 1743 | 1746 | rBV2 | 285 | 499 | 0.08% | 0.010% |
| 63 | 11.750 | 1746 | 1749 | 1755 | rVB2 | 365 | 552 | 0.09% | 0.011% |
| 64 | 11.805 | 1755 | 1758 | 1759 | rBV | 219 | 194 | 0.03% | 0.004% |
| 65 | 12.018 | 1788 | 1793 | 1802 | rBV | 350176 | 446312 | 70.42% | 8.629% |
| 66 | 12.317 | 1837 | 1842 | 1849 | rBV | 362234 | 467150 | 73.70% | 9.032% |
| 67 | 12.494 | 1869 | 1871 | 1872 | rBV2 | 172 | 147 | 0.02% | 0.003% |
| 68 | 12.762 | 1912 | 1915 | 1918 | rVB3 | 477 | 567 | 0.09% | 0.011% |
| 69 | 12.866 | 1929 | 1932 | 1934 | rVB | 364 | 281 | 0.04% | 0.005% |
| 70 | 12.914 | 1937 | 1940 | 1942 | rBV | 288 | 298 | 0.05% | 0.006% |
| 71 | 13.067 | 1961 | 1965 | 1968 | rBV2 | 155 | 195 | 0.03% | 0.004% |
| 72 | 13.250 | 1991 | 1995 | 1996 | rBV | 162 | 185 | 0.03% | 0.004% |
| 73 | 13.311 | 2003 | 2005 | 2007 | rBV | 148 | 185 | 0.03% | 0.004% |
| 74 | 13.402 | 2017 | 2020 | 2022 | rBV | 258 | 190 | 0.03% | 0.004% |
| 75 | 13.493 | 2032 | 2035 | 2037 | rBV2 | 162 | 201 | 0.03% | 0.004% |
| 76 | 13.548 | 2041 | 2044 | 2045 | rBV2 | 182 | 234 | 0.04% | 0.005% |

LSC Area Percent Report

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Sample : P1753-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
YCKZ6

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_X\Method\SFAMXLM030724WMA.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 13.597 | 2049 | 2052 | 2057 | rBV3 | 313 | 518 | 0.08% | 0.010% |
| 78 | 13.902 | 2100 | 2102 | 2105 | rBV2 | 121 | 183 | 0.03% | 0.004% |
| 79 | 14.115 | 2134 | 2137 | 2138 | rBV2 | 398 | 405 | 0.06% | 0.008% |
| 80 | 14.353 | 2174 | 2176 | 2178 | rBV | 213 | 207 | 0.03% | 0.004% |
| 81 | 14.542 | 2204 | 2207 | 2210 | rBV2 | 128 | 173 | 0.03% | 0.003% |
| 82 | 14.609 | 2215 | 2218 | 2221 | rVV2 | 364 | 465 | 0.07% | 0.009% |
| 83 | 14.646 | 2222 | 2224 | 2227 | rVB2 | 237 | 162 | 0.03% | 0.003% |
| 84 | 14.725 | 2236 | 2237 | 2242 | rBV2 | 173 | 148 | 0.02% | 0.003% |
| 85 | 15.079 | 2292 | 2295 | 2296 | rBV2 | 196 | 211 | 0.03% | 0.004% |
| 86 | 15.152 | 2304 | 2307 | 2310 | rBV | 348 | 487 | 0.08% | 0.009% |
| 87 | 15.365 | 2339 | 2342 | 2343 | rBV | 193 | 206 | 0.03% | 0.004% |
| 88 | 15.383 | 2343 | 2345 | 2346 | rBV2 | 241 | 198 | 0.03% | 0.004% |
| 89 | 15.450 | 2352 | 2356 | 2358 | rBV2 | 272 | 366 | 0.06% | 0.007% |
| 90 | 15.475 | 2358 | 2360 | 2361 | rVB2 | 260 | 156 | 0.02% | 0.003% |
| 91 | 15.499 | 2361 | 2364 | 2367 | rBV2 | 256 | 442 | 0.07% | 0.009% |
| 92 | 15.646 | 2387 | 2388 | 2390 | rBV | 218 | 149 | 0.02% | 0.003% |
| 93 | 15.664 | 2390 | 2391 | 2392 | rBV | 301 | 160 | 0.03% | 0.003% |
| 94 | 15.737 | 2402 | 2403 | 2404 | rBV | 280 | 165 | 0.03% | 0.003% |
| 95 | 15.883 | 2426 | 2427 | 2429 | rBV2 | 212 | 149 | 0.02% | 0.003% |
| 96 | 16.005 | 2444 | 2447 | 2448 | rBV2 | 216 | 218 | 0.03% | 0.004% |
| 97 | 16.066 | 2453 | 2457 | 2462 | rBV2 | 273 | 458 | 0.07% | 0.009% |
| 98 | 16.158 | 2470 | 2472 | 2474 | rVB | 236 | 156 | 0.02% | 0.003% |
| 99 | 16.566 | 2534 | 2539 | 2540 | rBV3 | 289 | 408 | 0.06% | 0.008% |
| 100 | 16.725 | 2563 | 2565 | 2567 | rBV2 | 292 | 335 | 0.05% | 0.006% |

Sum of corrected areas: 5172231

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031524\
Data File : VX040647.D
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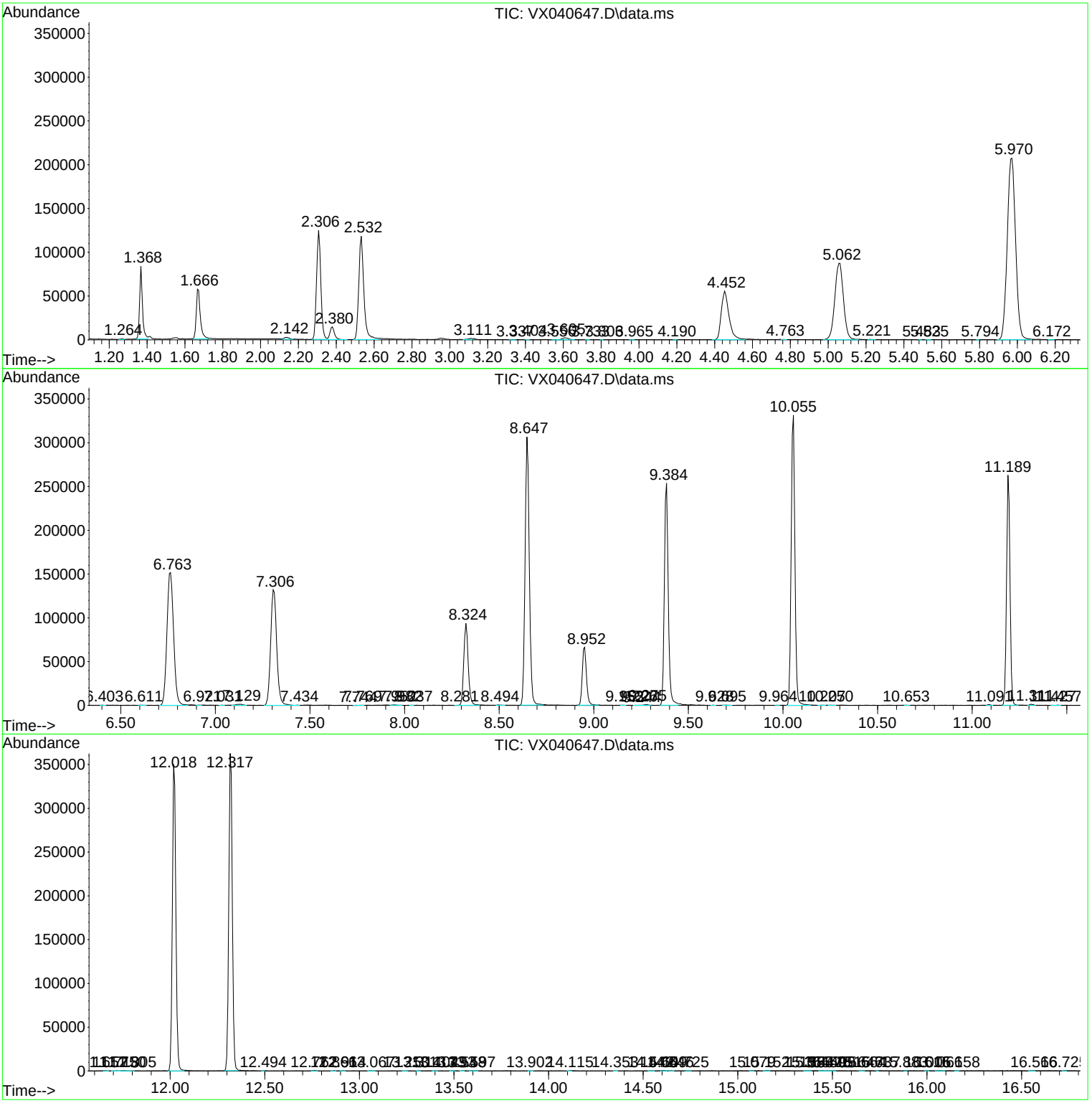
Sample : P1753-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
YCKZ6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM030724WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031524\
Data File : VX040647.D
Acq On : 15 Mar 2024 12:35
Operator : JC/MD
Sample : P1753-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
YCKZ6

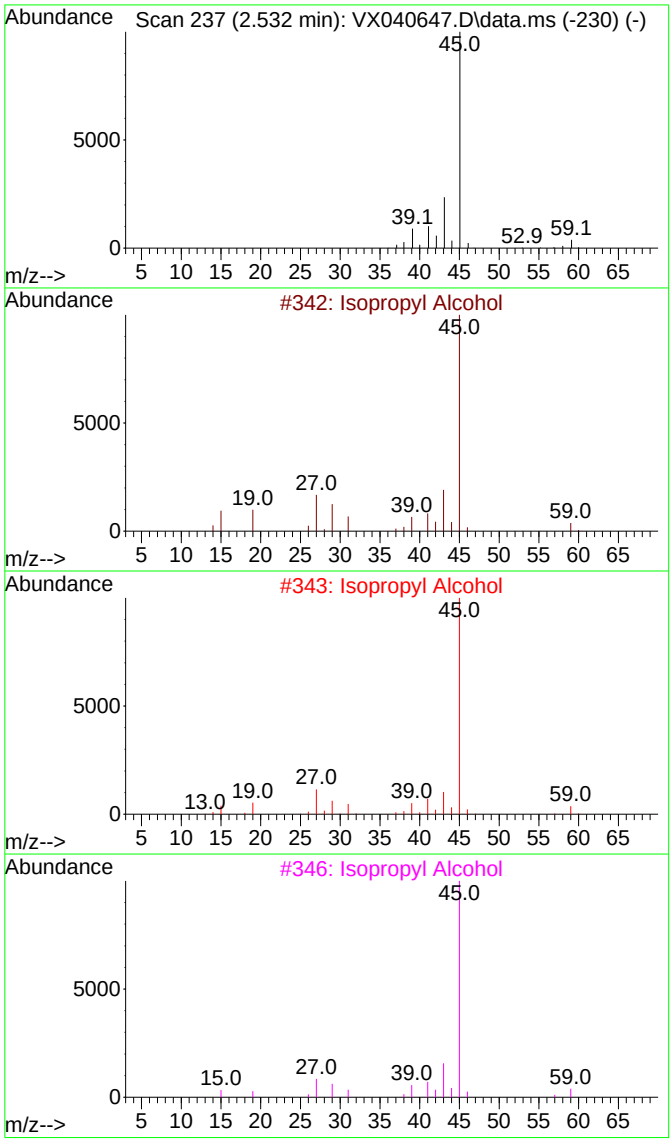
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM030724WMA.M
Quant Title : VOC Analysis

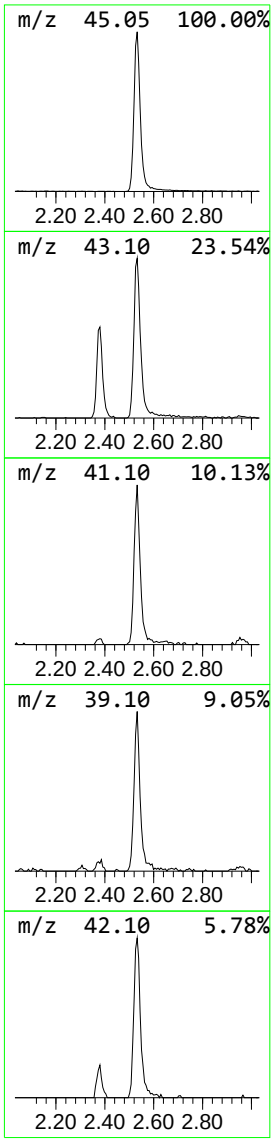
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 1 Isopropyl Alcohol Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 2.532 | 29.42 ug/L | 217713 | 1,4-Difluorobenzene | 6.763 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Isopropyl Alcohol | 60 | C3H8O | 000067-63-0 | 78 |
| 2 | Isopropyl Alcohol | 60 | C3H8O | 000067-63-0 | 78 |
| 3 | Isopropyl Alcohol | 60 | C3H8O | 000067-63-0 | 56 |
| 4 | Isopropyl Alcohol | 60 | C3H8O | 000067-63-0 | 9 |
| 5 | Hydrazine, 1,2-dimethyl- | 60 | C2H8N2 | 000540-73-8 | 9 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031524\
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
YCKZ6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM030724WMA.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 |
| Isopropyl Alcohol | 2.532 | 29.4 | ug/L | 217713 | 1 | 6.763 | 369981 | 50.0 |