LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031524\
Data File : VV034647.D
Acq On : 15 Mar 2024 12:43
Operator : SY/MD
Sample : P1752-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** YCL39

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\SFAMVLM022924WMA.M
Title : VOC Analysis

Signal : TIC: VV034647.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.278 | 67 | 74 | 90 | rVB | 160605 | 184083 | 14.37% | 1.588% |
| 2 | 1.529 | 146 | 152 | 167 | rVB | 150478 | 171305 | 13.38% | 1.478% |
| 3 | 2.060 | 307 | 317 | 328 | rBV2 | 378552 | 626112 | 48.89% | 5.401% |
| 4 | 2.121 | 329 | 336 | 360 | rVB | 162940 | 299943 | 23.42% | 2.587% |
| 5 | 2.278 | 367 | 385 | 450 | rVB2 | 151585 | 1048494 | 81.87% | 9.045% |
| 6 | 2.905 | 578 | 580 | 582 | rBV | 405 | 237 | 0.02% | 0.002% |
| 7 | 2.960 | 593 | 597 | 599 | rVB2 | 328 | 234 | 0.02% | 0.002% |
| 8 | 2.976 | 599 | 602 | 605 | rBV2 | 497 | 407 | 0.03% | 0.004% |
| 9 | 3.043 | 620 | 623 | 625 | rVB2 | 435 | 252 | 0.02% | 0.002% |
| 10 | 3.056 | 625 | 627 | 629 | rBV2 | 412 | 248 | 0.02% | 0.002% |
| 11 | 3.114 | 634 | 645 | 666 | rVV | 21391 | 45644 | 3.56% | 0.394% |
| 12 | 3.207 | 672 | 674 | 679 | rVB3 | 295 | 154 | 0.01% | 0.001% |
| 13 | 3.272 | 690 | 694 | 695 | rBV | 184 | 108 | 0.01% | 0.001% |
| 14 | 3.346 | 715 | 717 | 719 | rBV2 | 122 | 63 | 0.00% | 0.001% |
| 15 | 3.375 | 724 | 726 | 728 | rVV2 | 303 | 119 | 0.01% | 0.001% |
| 16 | 3.391 | 728 | 731 | 733 | rVB | 215 | 117 | 0.01% | 0.001% |
| 17 | 3.410 | 733 | 737 | 743 | rVB2 | 261 | 328 | 0.03% | 0.003% |
| 18 | 3.442 | 743 | 747 | 750 | rBV2 | 239 | 185 | 0.01% | 0.002% |
| 19 | 3.477 | 755 | 758 | 760 | rBV | 237 | 144 | 0.01% | 0.001% |
| 20 | 3.490 | 760 | 762 | 765 | rBV | 166 | 112 | 0.01% | 0.001% |
| 21 | 3.596 | 785 | 795 | 798 | rBV2 | 346 | 397 | 0.03% | 0.003% |
| 22 | 3.712 | 828 | 831 | 834 | rBV | 166 | 102 | 0.01% | 0.001% |
| 23 | 3.732 | 834 | 837 | 838 | rBV | 243 | 109 | 0.01% | 0.001% |
| 24 | 3.793 | 847 | 856 | 894 | rBV2 | 113394 | 377601 | 29.48% | 3.257% |
| 25 | 4.249 | 982 | 998 | 1024 | rBV | 205167 | 536464 | 41.89% | 4.628% |
| 26 | 4.719 | 1142 | 1144 | 1148 | rBV3 | 421 | 230 | 0.02% | 0.002% |
| 27 | 4.757 | 1154 | 1156 | 1159 | rBV3 | 349 | 196 | 0.02% | 0.002% |
| 28 | 4.783 | 1161 | 1164 | 1166 | rVB3 | 339 | 199 | 0.02% | 0.002% |
| 29 | 4.812 | 1171 | 1173 | 1174 | rBV3 | 275 | 152 | 0.01% | 0.001% |
| 30 | 4.953 | 1201 | 1217 | 1236 | rBV2 | 487031 | 1280680 | 100.00% | 11.048% |
| 31 | 5.301 | 1323 | 1325 | 1327 | rBV2 | 512 | 227 | 0.02% | 0.002% |
| 32 | 5.426 | 1362 | 1364 | 1369 | rBV3 | 189 | 156 | 0.01% | 0.001% |
| 33 | 5.474 | 1376 | 1379 | 1381 | rBV | 334 | 185 | 0.01% | 0.002% |
| 34 | 5.490 | 1381 | 1384 | 1386 | rBV2 | 378 | 215 | 0.02% | 0.002% |
| 35 | 5.532 | 1386 | 1397 | 1433 | rBV | 405759 | 829051 | 64.74% | 7.152% |
| 36 | 5.831 | 1481 | 1490 | 1492 | rBV6 | 6199 | 7971 | 0.62% | 0.069% |

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031524\
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Acq On : 15 Mar 2024 12:43
Operator : SY/MD
Sample : P1752-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
YCL39

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\SFAMVLM022924WMA.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 5.989 | 1526 | 1539 | 1567 | rBV | 279630 | 584061 | 45.61% | 5.038% |
| 38 | 6.419 | 1669 | 1673 | 1676 | rBV2 | 181 | 166 | 0.01% | 0.001% |
| 39 | 6.436 | 1676 | 1678 | 1679 | rBV | 148 | 70 | 0.01% | 0.001% |
| 40 | 6.455 | 1682 | 1684 | 1689 | rVB | 229 | 220 | 0.02% | 0.002% |
| 41 | 6.516 | 1691 | 1703 | 1714 | rBV6 | 3673 | 8534 | 0.67% | 0.074% |
| 42 | 6.789 | 1783 | 1788 | 1792 | rBV3 | 223 | 215 | 0.02% | 0.002% |
| 43 | 6.812 | 1793 | 1795 | 1797 | rVB2 | 241 | 102 | 0.01% | 0.001% |
| 44 | 6.911 | 1813 | 1826 | 1850 | rBV | 144972 | 276304 | 21.57% | 2.383% |
| 45 | 7.243 | 1917 | 1929 | 1954 | rBV | 550723 | 965779 | 75.41% | 8.331% |
| 46 | 7.555 | 2016 | 2026 | 2049 | rBV | 99678 | 184291 | 14.39% | 1.590% |
| 47 | 7.844 | 2113 | 2116 | 2117 | rBV | 472 | 224 | 0.02% | 0.002% |
| 48 | 7.927 | 2138 | 2142 | 2144 | rBV | 246 | 133 | 0.01% | 0.001% |
| 49 | 7.956 | 2150 | 2151 | 2154 | rVB | 304 | 121 | 0.01% | 0.001% |
| 50 | 7.982 | 2154 | 2159 | 2160 | rBV | 216 | 166 | 0.01% | 0.001% |
| 51 | 8.024 | 2163 | 2172 | 2212 | rBV | 384292 | 732724 | 57.21% | 6.321% |
| 52 | 8.593 | 2345 | 2349 | 2353 | rBV | 375 | 342 | 0.03% | 0.003% |
| 53 | 8.783 | 2397 | 2408 | 2445 | rBV | 607023 | 1003887 | 78.39% | 8.660% |
| 54 | 9.040 | 2486 | 2488 | 2492 | rBV2 | 220 | 136 | 0.01% | 0.001% |
| 55 | 9.133 | 2515 | 2517 | 2525 | rVB2 | 442 | 422 | 0.03% | 0.004% |
| 56 | 9.169 | 2525 | 2528 | 2531 | rBV3 | 403 | 364 | 0.03% | 0.003% |
| 57 | 9.217 | 2540 | 2543 | 2546 | rVB3 | 326 | 167 | 0.01% | 0.001% |
| 58 | 9.243 | 2549 | 2551 | 2554 | rVB3 | 175 | 78 | 0.01% | 0.001% |
| 59 | 9.278 | 2559 | 2562 | 2566 | rVB | 144 | 90 | 0.01% | 0.001% |
| 60 | 9.310 | 2568 | 2572 | 2574 | rBV | 193 | 154 | 0.01% | 0.001% |
| 61 | 9.339 | 2579 | 2581 | 2584 | rBV | 193 | 104 | 0.01% | 0.001% |
| 62 | 9.452 | 2614 | 2616 | 2617 | rBV | 192 | 82 | 0.01% | 0.001% |
| 63 | 9.558 | 2647 | 2649 | 2651 | rBV | 153 | 68 | 0.01% | 0.001% |
| 64 | 9.757 | 2706 | 2711 | 2713 | rBV2 | 144 | 165 | 0.01% | 0.001% |
| 65 | 9.808 | 2725 | 2727 | 2731 | rVB2 | 221 | 140 | 0.01% | 0.001% |
| 66 | 9.870 | 2743 | 2746 | 2751 | rBV2 | 200 | 181 | 0.01% | 0.002% |
| 67 | 9.889 | 2751 | 2752 | 2756 | rVB | 189 | 73 | 0.01% | 0.001% |
| 68 | 9.908 | 2756 | 2758 | 2760 | rVB | 287 | 119 | 0.01% | 0.001% |
| 69 | 9.960 | 2767 | 2774 | 2779 | rBV3 | 1001 | 1381 | 0.11% | 0.012% |
| 70 | 10.014 | 2788 | 2791 | 2794 | rVB | 264 | 156 | 0.01% | 0.001% |
| 71 | 10.046 | 2797 | 2801 | 2802 | rBV | 194 | 129 | 0.01% | 0.001% |
| 72 | 10.152 | 2821 | 2834 | 2859 | rBV | 396407 | 629141 | 49.13% | 5.427% |
| 73 | 10.307 | 2880 | 2882 | 2884 | rBV | 368 | 217 | 0.02% | 0.002% |
| 74 | 10.374 | 2901 | 2903 | 2907 | rVB | 239 | 156 | 0.01% | 0.001% |
| 75 | 10.397 | 2907 | 2910 | 2914 | rVB3 | 312 | 197 | 0.02% | 0.002% |
| 76 | 10.416 | 2914 | 2916 | 2919 | rBV2 | 260 | 163 | 0.01% | 0.001% |

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031524\
Data File : VV034647.D
Acq On : 15 Mar 2024 12:43
Operator : SY/MD
Sample : P1752-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
YCL39

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\SFAMVLM022924WMA.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 10.448 | 2924 | 2926 | 2930 | rVV | 347 | 224 | 0.02% | 0.002% |
| 78 | 10.468 | 2930 | 2932 | 2934 | rVB2 | 181 | 75 | 0.01% | 0.001% |
| 79 | 10.545 | 2953 | 2956 | 2959 | rBV | 186 | 118 | 0.01% | 0.001% |
| 80 | 10.606 | 2970 | 2975 | 2976 | rBV | 323 | 208 | 0.02% | 0.002% |
| 81 | 10.644 | 2982 | 2987 | 2991 | rBV2 | 278 | 266 | 0.02% | 0.002% |
| 82 | 10.779 | 3027 | 3029 | 3033 | rVB2 | 207 | 84 | 0.01% | 0.001% |
| 83 | 11.008 | 3097 | 3100 | 3102 | rBV2 | 314 | 189 | 0.01% | 0.002% |
| 84 | 11.043 | 3109 | 3111 | 3115 | rBV2 | 228 | 126 | 0.01% | 0.001% |
| 85 | 11.140 | 3137 | 3141 | 3144 | rBV | 247 | 214 | 0.02% | 0.002% |
| 86 | 11.185 | 3144 | 3155 | 3185 | rBV | 584142 | 906292 | 70.77% | 7.818% |
| 87 | 11.561 | 3256 | 3272 | 3296 | rBV | 544592 | 877352 | 68.51% | 7.568% |
| 88 | 11.760 | 3330 | 3334 | 3337 | rBV | 401 | 398 | 0.03% | 0.003% |
| 89 | 11.847 | 3358 | 3361 | 3365 | rVB | 414 | 242 | 0.02% | 0.002% |
| 90 | 11.873 | 3366 | 3369 | 3371 | rBV | 386 | 229 | 0.02% | 0.002% |
| 91 | 11.918 | 3381 | 3383 | 3389 | rVB2 | 703 | 420 | 0.03% | 0.004% |
| 92 | 11.995 | 3405 | 3407 | 3410 | rVB2 | 335 | 139 | 0.01% | 0.001% |
| 93 | 12.024 | 3410 | 3416 | 3417 | rBV | 296 | 279 | 0.02% | 0.002% |
| 94 | 12.168 | 3458 | 3461 | 3464 | rBV | 227 | 131 | 0.01% | 0.001% |
| 95 | 12.294 | 3496 | 3500 | 3505 | rBV4 | 753 | 717 | 0.06% | 0.006% |
| 96 | 12.455 | 3545 | 3550 | 3551 | rBV2 | 661 | 465 | 0.04% | 0.004% |
| 97 | 12.548 | 3576 | 3579 | 3582 | rBV | 267 | 196 | 0.02% | 0.002% |
| 98 | 12.619 | 3599 | 3601 | 3607 | rBV2 | 263 | 202 | 0.02% | 0.002% |
| 99 | 12.741 | 3637 | 3639 | 3646 | rVB2 | 338 | 284 | 0.02% | 0.002% |
| 100 | 13.030 | 3727 | 3729 | 3730 | rBV2 | 291 | 90 | 0.01% | 0.001% |

Sum of corrected areas: 11592386

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031524\
Data File : VV034647.D
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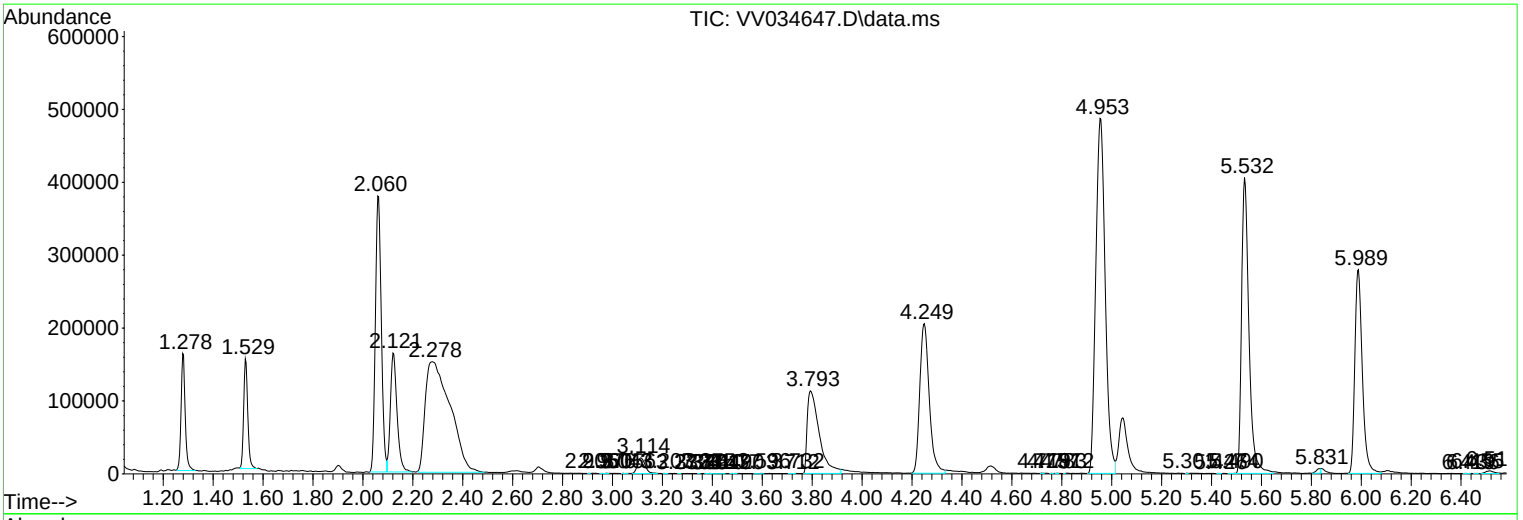
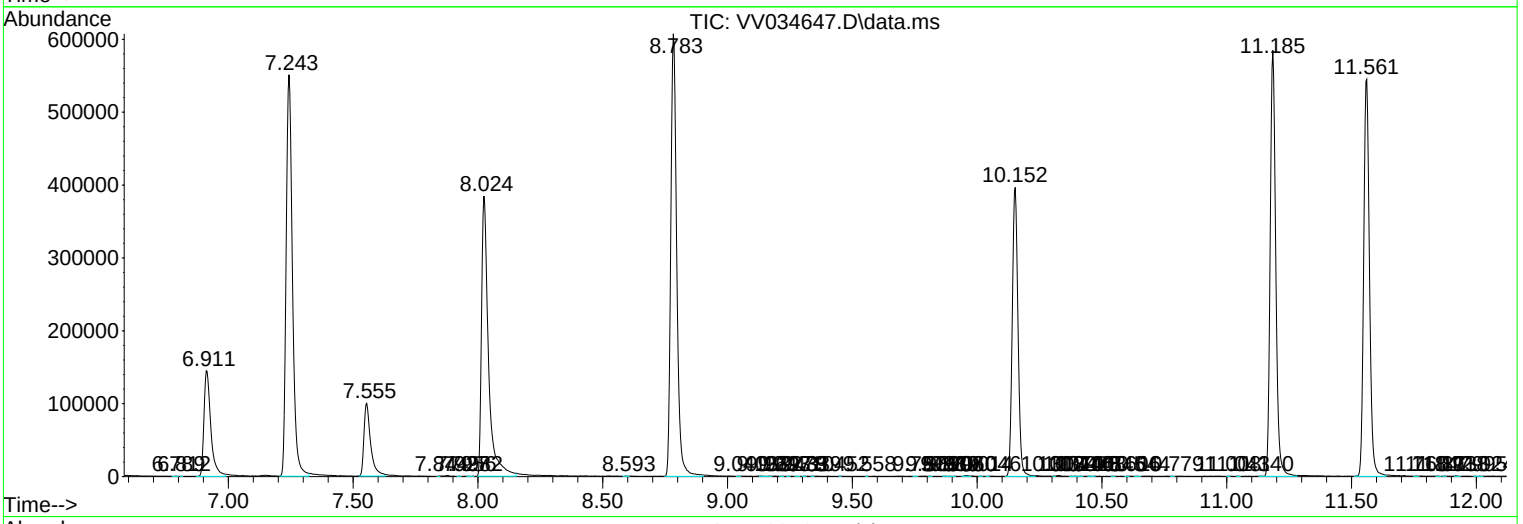
Operator : SY/MD
Sample : P1752-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

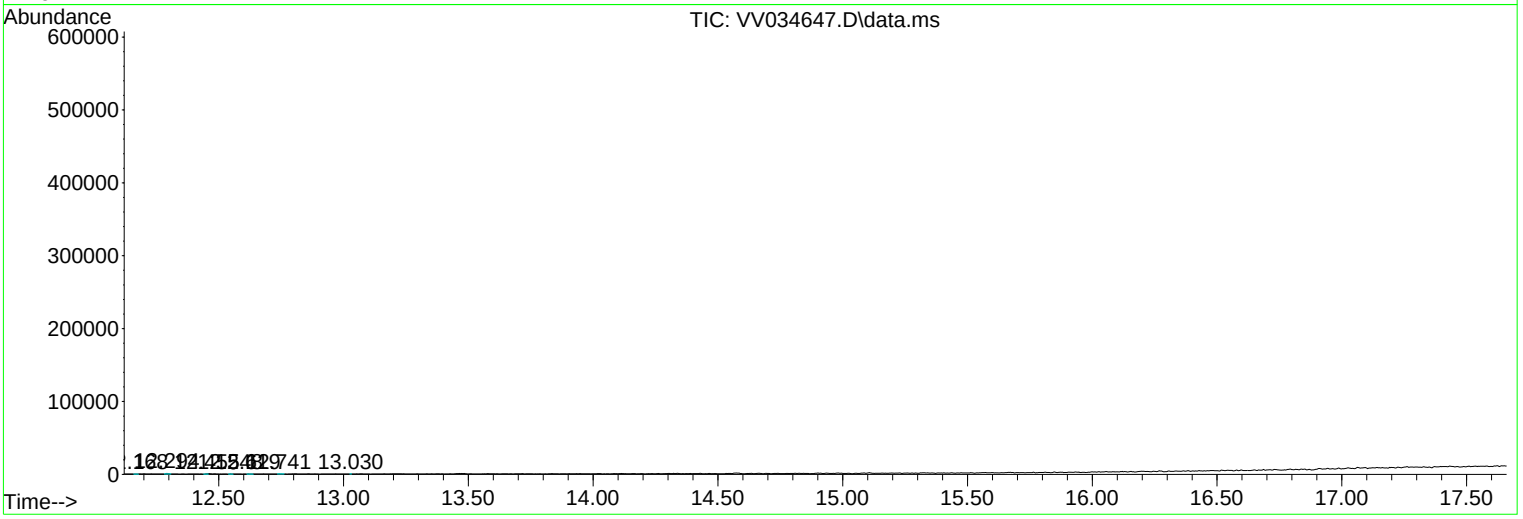
**Instrument :**
MSVOA_V
**ClientSampleId :**
YCL39

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031524\
Data File : VV034647.D
Acq On : 15 Mar 2024 12:43
Operator : SY/MD
Sample : P1752-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
YCL39

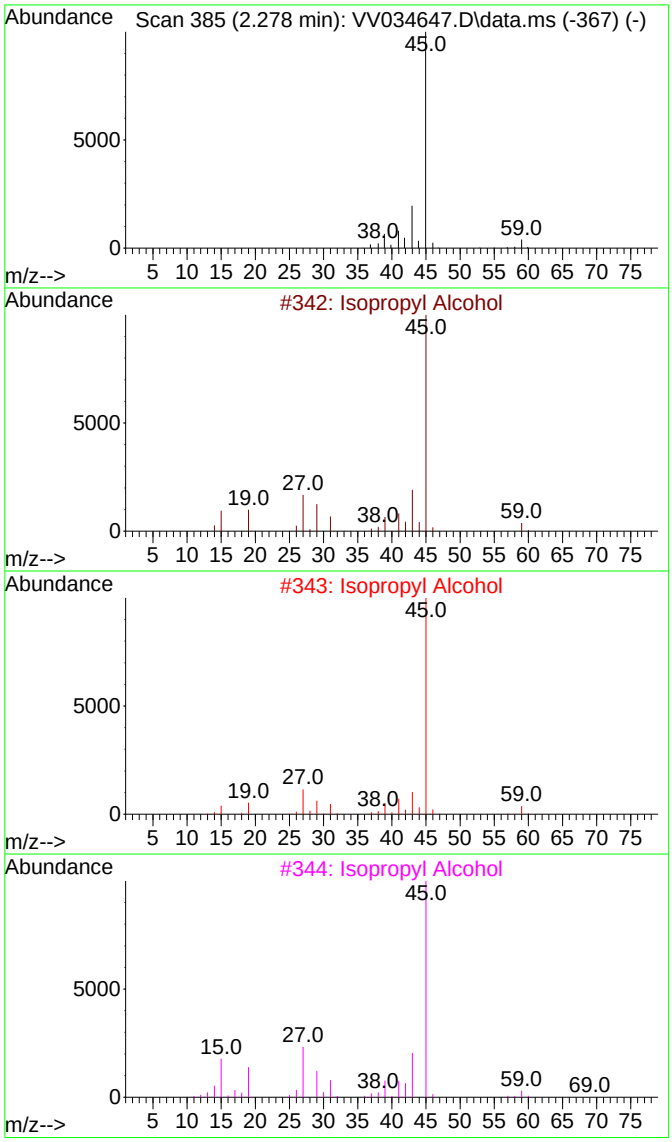
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
Quant Title : VOC Analysis

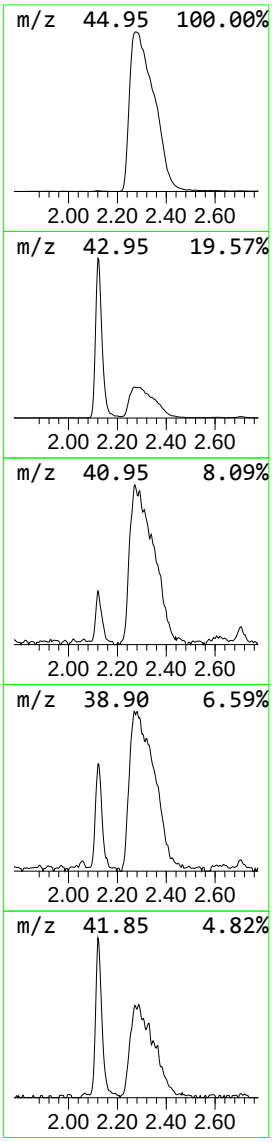
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 2.278 | 63.23 ug/L | 1048490 | 1,4-Difluorobenzene | 5.532 |

| 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 | 64 |
| 4 | Isopropyl Alcohol | 60 | C3H8O | 000067-63-0 | 64 |
| 5 | Isopropyl Alcohol | 60 | C3H8O | 000067-63-0 | 56 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031524\
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Acq On : 15 Mar 2024 12:43
Operator : SY/MD
Sample : P1752-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
YCL39

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.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 | 2.278 | 63.2 | ug/L | 1048490 | 1 | 5.532 | 829051 | 50.0 |