LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031924\
Data File : VV034742.D
Acq On : 19 Mar 2024 17:57
Operator : SY/MD
Sample : P1755-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
YCKT4

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: VV034742.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 | 92 | rVB | 200302 | 222197 | 14.77% | 1.861% |
| 2 | 1.526 | 144 | 151 | 167 | rVB | 169913 | 205979 | 13.69% | 1.725% |
| 3 | 2.056 | 306 | 316 | 327 | rBV | 340287 | 495291 | 32.92% | 4.149% |
| 4 | 2.114 | 328 | 334 | 354 | rVB | 71419 | 116094 | 7.72% | 0.972% |
| 5 | 2.233 | 360 | 371 | 424 | rBV | 455702 | 1504606 | 100.00% | 12.604% |
| 6 | 3.031 | 618 | 619 | 623 | rVB2 | 256 | 145 | 0.01% | 0.001% |
| 7 | 3.053 | 623 | 626 | 629 | rVB2 | 501 | 314 | 0.02% | 0.003% |
| 8 | 3.072 | 629 | 632 | 637 | rBV2 | 262 | 220 | 0.01% | 0.002% |
| 9 | 3.098 | 637 | 640 | 644 | rVB3 | 338 | 277 | 0.02% | 0.002% |
| 10 | 3.117 | 644 | 646 | 648 | rBV2 | 364 | 210 | 0.01% | 0.002% |
| 11 | 3.166 | 658 | 661 | 669 | rBV4 | 434 | 479 | 0.03% | 0.004% |
| 12 | 3.233 | 679 | 682 | 685 | rBV2 | 166 | 134 | 0.01% | 0.001% |
| 13 | 3.285 | 695 | 698 | 702 | rBV2 | 195 | 117 | 0.01% | 0.001% |
| 14 | 3.596 | 791 | 795 | 798 | rBV | 167 | 149 | 0.01% | 0.001% |
| 15 | 3.635 | 804 | 807 | 811 | rVB | 258 | 199 | 0.01% | 0.002% |
| 16 | 3.664 | 811 | 816 | 818 | rBV2 | 201 | 178 | 0.01% | 0.001% |
| 17 | 3.786 | 846 | 854 | 898 | rBV | 100649 | 289551 | 19.24% | 2.425% |
| 18 | 4.182 | 974 | 977 | 979 | rBV2 | 420 | 310 | 0.02% | 0.003% |
| 19 | 4.246 | 983 | 997 | 1030 | rVV2 | 227024 | 582892 | 38.74% | 4.883% |
| 20 | 4.706 | 1137 | 1140 | 1143 | rBV2 | 436 | 297 | 0.02% | 0.002% |
| 21 | 4.757 | 1153 | 1156 | 1159 | rBV | 494 | 380 | 0.03% | 0.003% |
| 22 | 4.809 | 1168 | 1172 | 1174 | rVB2 | 192 | 123 | 0.01% | 0.001% |
| 23 | 4.863 | 1182 | 1189 | 1191 | rBV4 | 358 | 416 | 0.03% | 0.003% |
| 24 | 4.953 | 1201 | 1217 | 1250 | rBV2 | 532953 | 1404765 | 93.36% | 11.767% |
| 25 | 5.346 | 1336 | 1339 | 1340 | rBV2 | 321 | 182 | 0.01% | 0.002% |
| 26 | 5.419 | 1359 | 1362 | 1363 | rBV | 350 | 158 | 0.01% | 0.001% |
| 27 | 5.532 | 1386 | 1397 | 1430 | rBV | 385264 | 797063 | 52.97% | 6.677% |
| 28 | 5.831 | 1480 | 1490 | 1511 | rVB3 | 9722 | 23418 | 1.56% | 0.196% |
| 29 | 5.985 | 1526 | 1538 | 1571 | rBV | 304367 | 630607 | 41.91% | 5.282% |
| 30 | 6.275 | 1626 | 1628 | 1632 | rVB2 | 194 | 139 | 0.01% | 0.001% |
| 31 | 6.313 | 1634 | 1640 | 1643 | rVV2 | 377 | 408 | 0.03% | 0.003% |
| 32 | 6.339 | 1643 | 1648 | 1651 | rVB3 | 331 | 310 | 0.02% | 0.003% |
| 33 | 6.413 | 1667 | 1671 | 1673 | rBV2 | 182 | 157 | 0.01% | 0.001% |
| 34 | 6.461 | 1683 | 1686 | 1689 | rBV | 223 | 171 | 0.01% | 0.001% |
| 35 | 6.484 | 1689 | 1693 | 1697 | rBV2 | 439 | 496 | 0.03% | 0.004% |
| 36 | 6.616 | 1730 | 1734 | 1735 | rBV | 279 | 147 | 0.01% | 0.001% |

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031924\
Data File : VV034742.D
Acq On : 19 Mar 2024 17:57
Operator : SY/MD
Sample : P1755-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
YCKT4

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 | 6.628 | 1736 | 1738 | 1742 | rVB2 | 314 | 188 | 0.01% | 0.002% |
| 38 | 6.654 | 1742 | 1746 | 1749 | rBV3 | 304 | 209 | 0.01% | 0.002% |
| 39 | 6.725 | 1764 | 1768 | 1773 | rVB2 | 264 | 199 | 0.01% | 0.002% |
| 40 | 6.911 | 1814 | 1826 | 1864 | rBV | 163656 | 316435 | 21.03% | 2.651% |
| 41 | 7.243 | 1917 | 1929 | 1955 | rBV | 621193 | 1089680 | 72.42% | 9.128% |
| 42 | 7.551 | 2016 | 2025 | 2048 | rBV | 113987 | 209012 | 13.89% | 1.751% |
| 43 | 7.876 | 2117 | 2126 | 2133 | rBV2 | 2006 | 3631 | 0.24% | 0.030% |
| 44 | 7.950 | 2145 | 2149 | 2150 | rBV | 181 | 125 | 0.01% | 0.001% |
| 45 | 8.024 | 2163 | 2172 | 2220 | rBV | 318865 | 622395 | 41.37% | 5.214% |
| 46 | 8.648 | 2364 | 2366 | 2370 | rBV2 | 280 | 166 | 0.01% | 0.001% |
| 47 | 8.673 | 2371 | 2374 | 2378 | rVB2 | 184 | 158 | 0.01% | 0.001% |
| 48 | 8.783 | 2397 | 2408 | 2433 | rBV | 576116 | 952520 | 63.31% | 7.979% |
| 49 | 9.027 | 2480 | 2484 | 2487 | rBV3 | 506 | 361 | 0.02% | 0.003% |
| 50 | 9.130 | 2514 | 2516 | 2520 | rBV2 | 342 | 244 | 0.02% | 0.002% |
| 51 | 9.175 | 2523 | 2530 | 2536 | rVV4 | 958 | 1276 | 0.08% | 0.011% |
| 52 | 9.230 | 2543 | 2547 | 2549 | rBV2 | 214 | 127 | 0.01% | 0.001% |
| 53 | 9.310 | 2564 | 2572 | 2574 | rBV2 | 155 | 208 | 0.01% | 0.002% |
| 54 | 9.368 | 2586 | 2590 | 2591 | rBV | 294 | 148 | 0.01% | 0.001% |
| 55 | 9.458 | 2616 | 2618 | 2623 | rBV2 | 136 | 111 | 0.01% | 0.001% |
| 56 | 9.529 | 2637 | 2640 | 2647 | rVB2 | 168 | 171 | 0.01% | 0.001% |
| 57 | 9.603 | 2660 | 2663 | 2666 | rBV | 256 | 186 | 0.01% | 0.002% |
| 58 | 9.641 | 2670 | 2675 | 2680 | rBV2 | 189 | 178 | 0.01% | 0.001% |
| 59 | 9.680 | 2685 | 2687 | 2690 | rBV | 178 | 125 | 0.01% | 0.001% |
| 60 | 9.747 | 2703 | 2708 | 2710 | rVB2 | 267 | 183 | 0.01% | 0.002% |
| 61 | 9.828 | 2730 | 2733 | 2736 | rVV2 | 181 | 105 | 0.01% | 0.001% |
| 62 | 9.873 | 2744 | 2747 | 2749 | rBV | 352 | 154 | 0.01% | 0.001% |
| 63 | 9.911 | 2755 | 2759 | 2763 | rBV3 | 229 | 169 | 0.01% | 0.001% |
| 64 | 9.956 | 2764 | 2773 | 2784 | rBV4 | 2298 | 4317 | 0.29% | 0.036% |
| 65 | 10.030 | 2792 | 2796 | 2799 | rBV2 | 202 | 152 | 0.01% | 0.001% |
| 66 | 10.078 | 2807 | 2811 | 2818 | rVB2 | 215 | 225 | 0.01% | 0.002% |
| 67 | 10.107 | 2818 | 2820 | 2822 | rBV2 | 485 | 232 | 0.02% | 0.002% |
| 68 | 10.152 | 2822 | 2834 | 2861 | rBV | 403932 | 636390 | 42.30% | 5.331% |
| 69 | 10.326 | 2882 | 2888 | 2896 | rVB3 | 2852 | 4049 | 0.27% | 0.034% |
| 70 | 10.416 | 2912 | 2916 | 2922 | rBV2 | 208 | 209 | 0.01% | 0.002% |
| 71 | 10.445 | 2922 | 2925 | 2927 | rBV | 228 | 164 | 0.01% | 0.001% |
| 72 | 10.558 | 2957 | 2960 | 2963 | rVB2 | 182 | 114 | 0.01% | 0.001% |
| 73 | 10.612 | 2974 | 2977 | 2980 | rBV2 | 230 | 160 | 0.01% | 0.001% |
| 74 | 10.686 | 2998 | 3000 | 3004 | rBV | 201 | 119 | 0.01% | 0.001% |
| 75 | 10.715 | 3007 | 3009 | 3012 | rBV | 263 | 126 | 0.01% | 0.001% |
| 76 | 10.779 | 3027 | 3029 | 3032 | rBV | 181 | 108 | 0.01% | 0.001% |

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031924\
Data File : VV034742.D
Acq On : 19 Mar 2024 17:57
Operator : SY/MD
Sample : P1755-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
YCKT4

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 | 10.879 | 3056 | 3060 | 3062 | rBV2 | 434 | 366 | 0.02% | 0.003% |
| 78 | 10.947 | 3077 | 3081 | 3086 | rBV2 | 275 | 305 | 0.02% | 0.003% |
| 79 | 11.136 | 3135 | 3140 | 3143 | rBV2 | 441 | 297 | 0.02% | 0.002% |
| 80 | 11.185 | 3143 | 3155 | 3183 | rBV | 553968 | 866477 | 57.59% | 7.258% |
| 81 | 11.474 | 3243 | 3245 | 3248 | rVB2 | 309 | 143 | 0.01% | 0.001% |
| 82 | 11.561 | 3259 | 3272 | 3295 | rBV | 587886 | 941756 | 62.59% | 7.889% |
| 83 | 11.776 | 3336 | 3339 | 3340 | rBV | 276 | 118 | 0.01% | 0.001% |
| 84 | 11.786 | 3340 | 3342 | 3344 | rBV2 | 330 | 179 | 0.01% | 0.001% |
| 85 | 12.107 | 3440 | 3442 | 3444 | rBV2 | 182 | 109 | 0.01% | 0.001% |
| 86 | 12.188 | 3463 | 3467 | 3477 | rVB4 | 876 | 1311 | 0.09% | 0.011% |
| 87 | 12.307 | 3501 | 3504 | 3505 | rBV2 | 233 | 153 | 0.01% | 0.001% |
| 88 | 12.673 | 3615 | 3618 | 3619 | rBV | 207 | 102 | 0.01% | 0.001% |
| 89 | 12.783 | 3649 | 3652 | 3656 | rBV2 | 306 | 242 | 0.02% | 0.002% |
| 90 | 12.811 | 3659 | 3661 | 3663 | rBV | 181 | 110 | 0.01% | 0.001% |
| 91 | 12.873 | 3676 | 3680 | 3681 | rBV2 | 305 | 174 | 0.01% | 0.001% |
| 92 | 13.149 | 3763 | 3766 | 3771 | rBV3 | 241 | 232 | 0.02% | 0.002% |
| 93 | 13.226 | 3788 | 3790 | 3792 | rBV2 | 293 | 123 | 0.01% | 0.001% |
| 94 | 13.262 | 3798 | 3801 | 3804 | rBV | 287 | 213 | 0.01% | 0.002% |
| 95 | 13.580 | 3895 | 3900 | 3907 | rBV2 | 349 | 517 | 0.03% | 0.004% |
| 96 | 13.664 | 3921 | 3926 | 3932 | rVV3 | 413 | 476 | 0.03% | 0.004% |
| 97 | 13.692 | 3932 | 3935 | 3938 | rVB | 374 | 196 | 0.01% | 0.002% |
| 98 | 13.773 | 3956 | 3960 | 3962 | rBV2 | 401 | 316 | 0.02% | 0.003% |
| 99 | 13.808 | 3969 | 3971 | 3975 | rVB2 | 406 | 224 | 0.01% | 0.002% |
| 100 | 14.709 | 4249 | 4251 | 4255 | rBV2 | 468 | 272 | 0.02% | 0.002% |

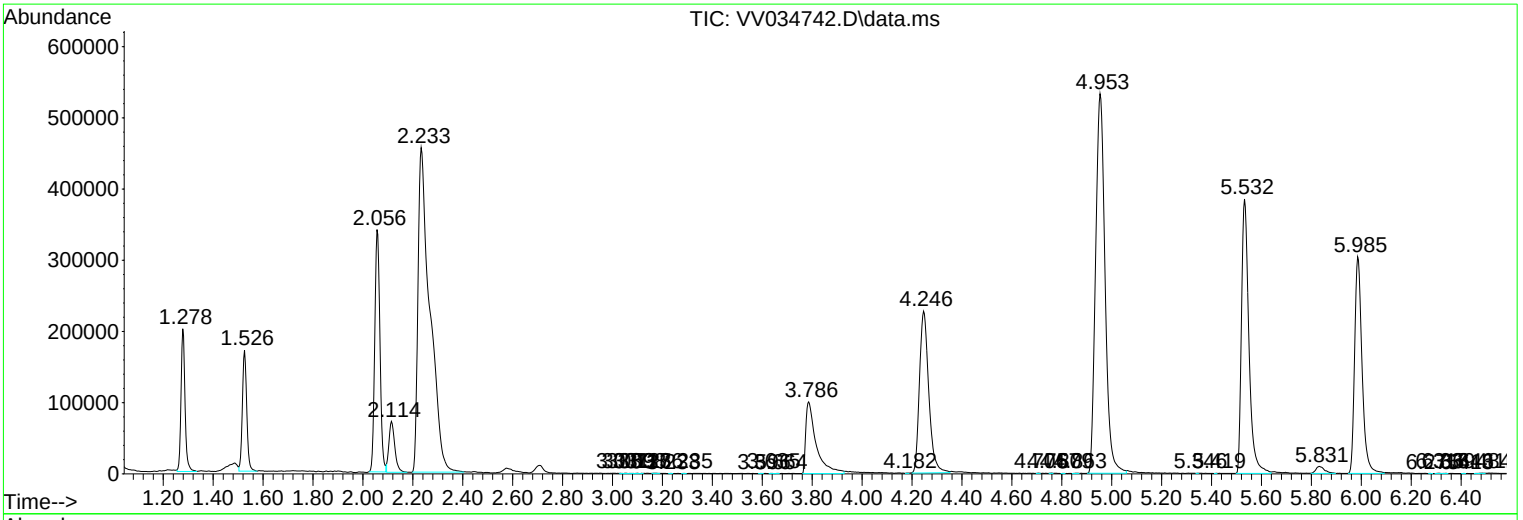
Sum of corrected areas: 11937819

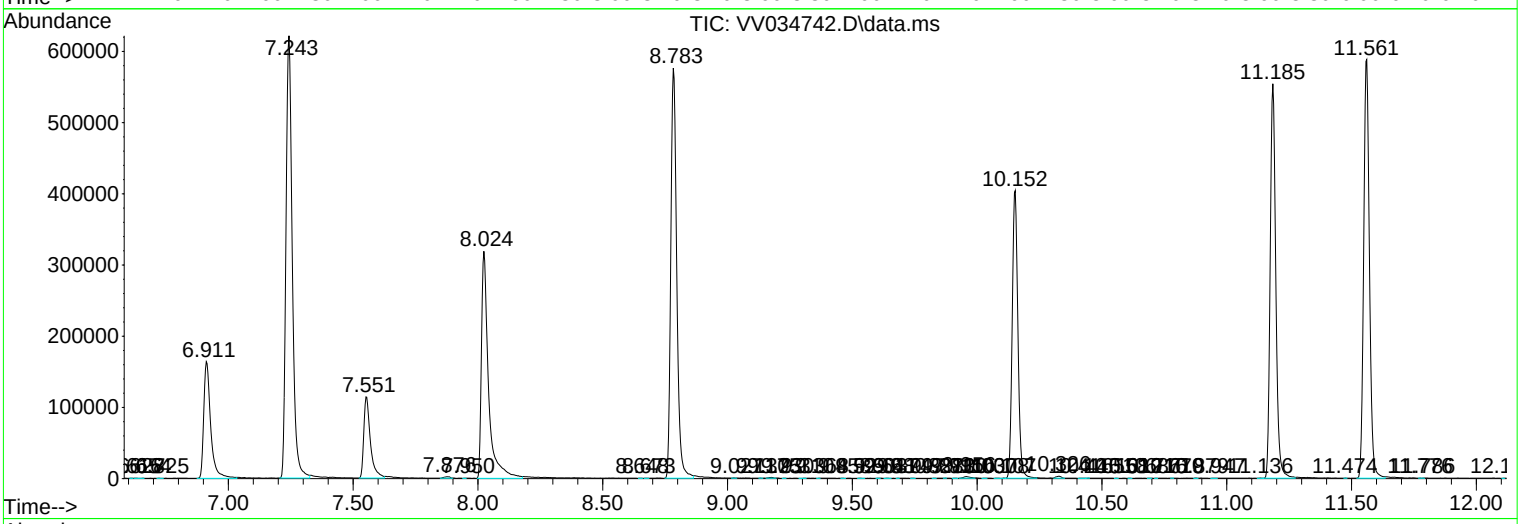
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031924\
Data File : VV034742.D
Acq On : 19 Mar 2024 17:57
Operator : SY/MD
Sample : P1755-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

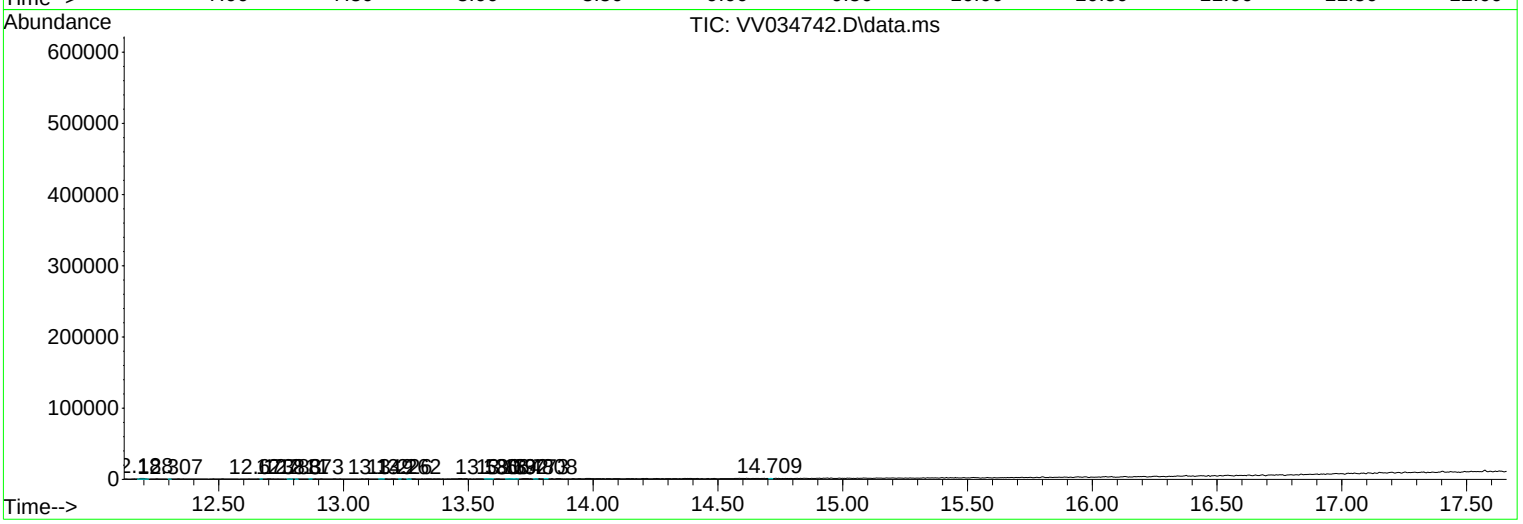
**Instrument :**
MSVOA_V
**ClientSampleId :**
YCKT4

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\VV031924\
Data File : VV034742.D
Acq On : 19 Mar 2024 17:57
Operator : SY/MD
Sample : P1755-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
YCKT4

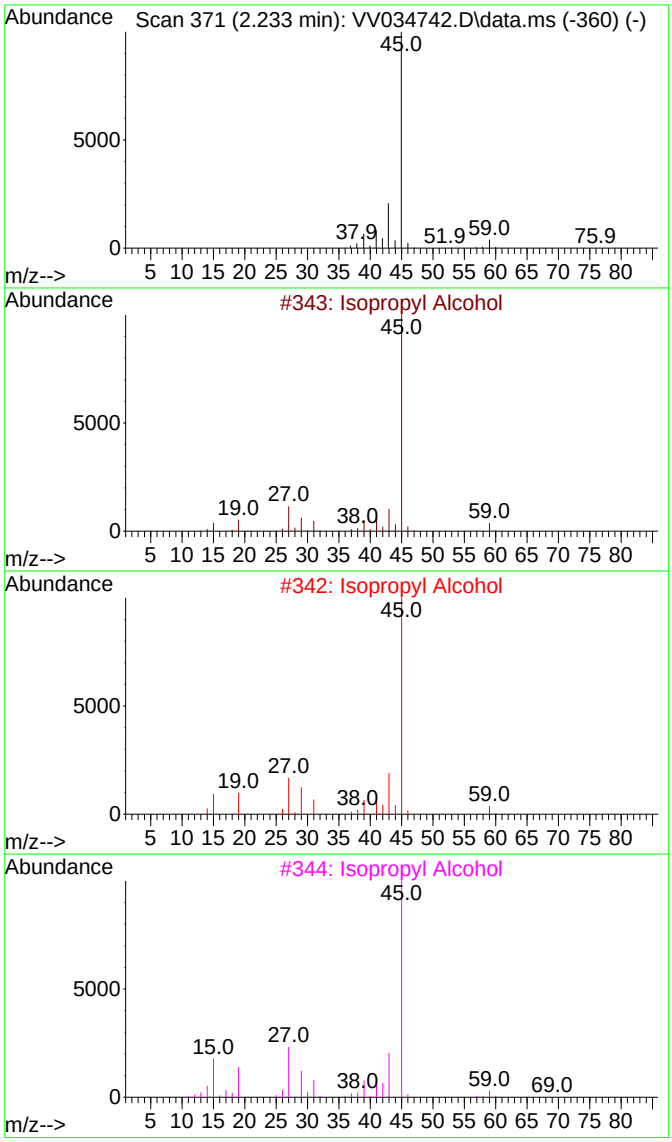
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
Quant Title : VOC Analysis

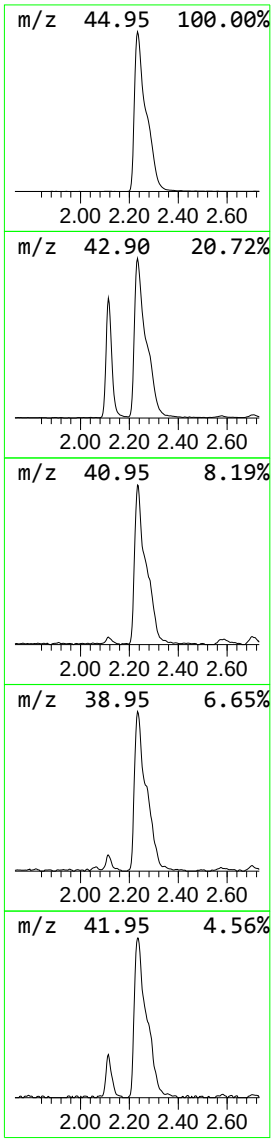
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 2.233 | 94.38 ug/L | 1504610 | 1,4-Difluorobenzene | 5.532 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Isopropyl Alcohol | 60 | C3H8O | 000067-63-0 | 83 |
| 2 | Isopropyl Alcohol | 60 | C3H8O | 000067-63-0 | 83 |
| 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 | 64 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031924\
Data File : VV034742.D
Acq On : 19 Mar 2024 17:57
Operator : SY/MD
Sample : P1755-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
YCKT4

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 | 2.233 | 94.4 | ug/L | 1504610 | 1 | 5.532 | 797063 | 50.0 |