LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032024\
Data File : VV034756.D
Acq On : 20 Mar 2024 12:10
Operator : SY/MD
Sample : P1755-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
YCKW9

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: VV034756.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 | 68 | 74 | 94 | rVB | 181597 | 196417 | 14.34% | 1.787% |
| 2 | 1.532 | 146 | 153 | 172 | rVB | 167292 | 197699 | 14.44% | 1.798% |
| 3 | 2.060 | 307 | 317 | 327 | rBV | 322726 | 466184 | 34.04% | 4.240% |
| 4 | 2.121 | 328 | 336 | 357 | rVB | 119516 | 215475 | 15.73% | 1.960% |
| 5 | 2.265 | 365 | 381 | 433 | rBV | 110356 | 539047 | 39.36% | 4.903% |
| 6 | 2.767 | 533 | 537 | 539 | rBV2 | 459 | 390 | 0.03% | 0.004% |
| 7 | 2.799 | 544 | 547 | 549 | rBV2 | 416 | 220 | 0.02% | 0.002% |
| 8 | 2.854 | 561 | 564 | 566 | rVB | 311 | 139 | 0.01% | 0.001% |
| 9 | 2.883 | 570 | 573 | 575 | rVV2 | 284 | 187 | 0.01% | 0.002% |
| 10 | 2.905 | 577 | 580 | 583 | rVB | 316 | 175 | 0.01% | 0.002% |
| 11 | 2.986 | 600 | 605 | 608 | rBV2 | 355 | 330 | 0.02% | 0.003% |
| 12 | 3.043 | 620 | 623 | 627 | rVB3 | 202 | 126 | 0.01% | 0.001% |
| 13 | 3.088 | 635 | 637 | 640 | rVB | 296 | 103 | 0.01% | 0.001% |
| 14 | 3.111 | 640 | 644 | 645 | rBV | 260 | 155 | 0.01% | 0.001% |
| 15 | 3.256 | 686 | 689 | 694 | rVB | 390 | 261 | 0.02% | 0.002% |
| 16 | 3.281 | 694 | 697 | 699 | rBV2 | 286 | 132 | 0.01% | 0.001% |
| 17 | 3.336 | 710 | 714 | 717 | rBV2 | 216 | 212 | 0.02% | 0.002% |
| 18 | 3.432 | 736 | 744 | 747 | rVB2 | 213 | 277 | 0.02% | 0.003% |
| 19 | 3.458 | 747 | 752 | 755 | rVB2 | 231 | 194 | 0.01% | 0.002% |
| 20 | 3.474 | 755 | 757 | 759 | rBV | 221 | 121 | 0.01% | 0.001% |
| 21 | 3.526 | 769 | 773 | 775 | rVB2 | 297 | 138 | 0.01% | 0.001% |
| 22 | 3.539 | 775 | 777 | 779 | rBV | 174 | 99 | 0.01% | 0.001% |
| 23 | 3.606 | 794 | 798 | 806 | rVB | 266 | 270 | 0.02% | 0.002% |
| 24 | 3.641 | 806 | 809 | 816 | rVB2 | 285 | 252 | 0.02% | 0.002% |
| 25 | 3.680 | 816 | 821 | 824 | rBV2 | 277 | 235 | 0.02% | 0.002% |
| 26 | 3.696 | 824 | 826 | 827 | rBV2 | 223 | 80 | 0.01% | 0.001% |
| 27 | 3.732 | 834 | 837 | 839 | rBV | 130 | 90 | 0.01% | 0.001% |
| 28 | 3.789 | 846 | 855 | 876 | rBV | 106370 | 294646 | 21.51% | 2.680% |
| 29 | 4.246 | 983 | 997 | 1036 | rBV | 223461 | 584031 | 42.64% | 5.312% |
| 30 | 4.741 | 1147 | 1151 | 1153 | rBV2 | 388 | 253 | 0.02% | 0.002% |
| 31 | 4.786 | 1162 | 1165 | 1169 | rVB2 | 287 | 168 | 0.01% | 0.002% |
| 32 | 4.863 | 1187 | 1189 | 1192 | rVB | 185 | 78 | 0.01% | 0.001% |
| 33 | 4.883 | 1192 | 1195 | 1199 | rBV3 | 359 | 294 | 0.02% | 0.003% |
| 34 | 4.953 | 1200 | 1217 | 1245 | rBV2 | 515329 | 1369551 | 100.00% | 12.457% |
| 35 | 5.333 | 1332 | 1335 | 1338 | rBV3 | 355 | 243 | 0.02% | 0.002% |
| 36 | 5.423 | 1361 | 1363 | 1366 | rVB2 | 280 | 123 | 0.01% | 0.001% |

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Acq On : 20 Mar 2024 12:10
Operator : SY/MD
Sample : P1755-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
YCKW9

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 | 5.532 | 1386 | 1397 | 1429 | rBV | 384471 | 793589 | 57.95% | 7.218% |
| 38 | 5.831 | 1480 | 1490 | 1505 | rBV3 | 11090 | 23368 | 1.71% | 0.213% |
| 39 | 5.985 | 1525 | 1538 | 1567 | rBV | 296166 | 619011 | 45.20% | 5.630% |
| 40 | 6.230 | 1612 | 1614 | 1615 | rBV | 267 | 114 | 0.01% | 0.001% |
| 41 | 6.333 | 1643 | 1646 | 1648 | rBV | 146 | 117 | 0.01% | 0.001% |
| 42 | 6.497 | 1692 | 1697 | 1698 | rBV2 | 410 | 295 | 0.02% | 0.003% |
| 43 | 6.648 | 1741 | 1744 | 1746 | rBV | 263 | 147 | 0.01% | 0.001% |
| 44 | 6.738 | 1768 | 1772 | 1774 | rBV2 | 91 | 83 | 0.01% | 0.001% |
| 45 | 6.789 | 1784 | 1788 | 1795 | rVB2 | 268 | 308 | 0.02% | 0.003% |
| 46 | 6.911 | 1813 | 1826 | 1853 | rBV | 151900 | 292989 | 21.39% | 2.665% |
| 47 | 7.182 | 1906 | 1910 | 1913 | rBV2 | 248 | 193 | 0.01% | 0.002% |
| 48 | 7.198 | 1913 | 1915 | 1917 | rVB | 357 | 140 | 0.01% | 0.001% |
| 49 | 7.243 | 1917 | 1929 | 1968 | rBV | 591733 | 1063695 | 77.67% | 9.675% |
| 50 | 7.503 | 2008 | 2010 | 2012 | rVB | 452 | 142 | 0.01% | 0.001% |
| 51 | 7.555 | 2016 | 2026 | 2053 | rBV | 102462 | 194560 | 14.21% | 1.770% |
| 52 | 7.863 | 2116 | 2122 | 2124 | rBV2 | 794 | 725 | 0.05% | 0.007% |
| 53 | 8.024 | 2161 | 2172 | 2223 | rBV | 325648 | 682725 | 49.85% | 6.210% |
| 54 | 8.564 | 2338 | 2340 | 2342 | rVB | 481 | 154 | 0.01% | 0.001% |
| 55 | 8.577 | 2342 | 2344 | 2348 | rBV | 377 | 220 | 0.02% | 0.002% |
| 56 | 8.599 | 2348 | 2351 | 2354 | rVB | 299 | 191 | 0.01% | 0.002% |
| 57 | 8.622 | 2354 | 2358 | 2360 | rBV3 | 436 | 264 | 0.02% | 0.002% |
| 58 | 8.693 | 2377 | 2380 | 2385 | rVB2 | 318 | 261 | 0.02% | 0.002% |
| 59 | 8.712 | 2385 | 2386 | 2388 | rBV2 | 292 | 112 | 0.01% | 0.001% |
| 60 | 8.725 | 2388 | 2390 | 2392 | rBV | 197 | 100 | 0.01% | 0.001% |
| 61 | 8.783 | 2397 | 2408 | 2432 | rBV | 583140 | 960344 | 70.12% | 8.735% |
| 62 | 9.104 | 2506 | 2508 | 2512 | rVB2 | 393 | 167 | 0.01% | 0.002% |
| 63 | 9.175 | 2525 | 2530 | 2534 | rBV4 | 723 | 709 | 0.05% | 0.006% |
| 64 | 9.230 | 2544 | 2547 | 2549 | rBV2 | 265 | 140 | 0.01% | 0.001% |
| 65 | 9.249 | 2550 | 2553 | 2559 | rBV3 | 258 | 247 | 0.02% | 0.002% |
| 66 | 9.339 | 2577 | 2581 | 2587 | rBV2 | 173 | 183 | 0.01% | 0.002% |
| 67 | 9.368 | 2587 | 2590 | 2592 | rVB2 | 141 | 78 | 0.01% | 0.001% |
| 68 | 9.397 | 2592 | 2599 | 2601 | rBV2 | 420 | 396 | 0.03% | 0.004% |
| 69 | 9.484 | 2622 | 2626 | 2629 | rBV2 | 244 | 202 | 0.01% | 0.002% |
| 70 | 9.522 | 2635 | 2638 | 2641 | rBV | 198 | 125 | 0.01% | 0.001% |
| 71 | 9.587 | 2654 | 2658 | 2662 | rVV2 | 199 | 183 | 0.01% | 0.002% |
| 72 | 9.622 | 2667 | 2669 | 2672 | rBV2 | 155 | 104 | 0.01% | 0.001% |
| 73 | 9.744 | 2705 | 2707 | 2709 | rBV | 165 | 97 | 0.01% | 0.001% |
| 74 | 9.879 | 2744 | 2749 | 2754 | rBV3 | 282 | 295 | 0.02% | 0.003% |
| 75 | 9.956 | 2764 | 2773 | 2785 | rBV3 | 3176 | 5873 | 0.43% | 0.053% |
| 76 | 10.027 | 2792 | 2795 | 2800 | rVB3 | 247 | 168 | 0.01% | 0.002% |

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032024\
Data File : VV034756.D
Acq On : 20 Mar 2024 12:10
Operator : SY/MD
Sample : P1755-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
YCKW9

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 | 10.149 | 2822 | 2833 | 2857 | rVV | 408530 | 638946 | 46.65% | 5.812% |
| 78 | 10.326 | 2881 | 2888 | 2893 | rBV4 | 1310 | 1412 | 0.10% | 0.013% |
| 79 | 10.455 | 2925 | 2928 | 2930 | rBV2 | 246 | 170 | 0.01% | 0.002% |
| 80 | 10.548 | 2953 | 2957 | 2959 | rBV2 | 167 | 111 | 0.01% | 0.001% |
| 81 | 10.680 | 2996 | 2998 | 3000 | rBV | 179 | 88 | 0.01% | 0.001% |
| 82 | 10.738 | 3012 | 3016 | 3018 | rBV | 182 | 159 | 0.01% | 0.001% |
| 83 | 10.786 | 3027 | 3031 | 3035 | rBV2 | 218 | 204 | 0.01% | 0.002% |
| 84 | 10.837 | 3044 | 3047 | 3050 | rBV2 | 207 | 137 | 0.01% | 0.001% |
| 85 | 11.185 | 3144 | 3155 | 3178 | rBV | 572728 | 888172 | 64.85% | 8.078% |
| 86 | 11.558 | 3259 | 3271 | 3291 | rBV | 604517 | 950039 | 69.37% | 8.641% |
| 87 | 11.757 | 3331 | 3333 | 3336 | rBV | 329 | 177 | 0.01% | 0.002% |
| 88 | 11.792 | 3341 | 3344 | 3348 | rBV3 | 414 | 259 | 0.02% | 0.002% |
| 89 | 11.824 | 3348 | 3354 | 3358 | rBV3 | 254 | 320 | 0.02% | 0.003% |
| 90 | 11.873 | 3365 | 3369 | 3377 | rBV2 | 284 | 356 | 0.03% | 0.003% |
| 91 | 11.914 | 3380 | 3382 | 3385 | rVB2 | 359 | 165 | 0.01% | 0.002% |
| 92 | 11.934 | 3385 | 3388 | 3392 | rBV2 | 174 | 132 | 0.01% | 0.001% |
| 93 | 12.085 | 3432 | 3435 | 3437 | rBV2 | 186 | 140 | 0.01% | 0.001% |
| 94 | 12.197 | 3465 | 3470 | 3474 | rBV3 | 381 | 407 | 0.03% | 0.004% |
| 95 | 12.313 | 3503 | 3506 | 3508 | rBV2 | 220 | 142 | 0.01% | 0.001% |
| 96 | 12.413 | 3535 | 3537 | 3540 | rVB | 320 | 125 | 0.01% | 0.001% |
| 97 | 12.619 | 3595 | 3601 | 3603 | rBV2 | 386 | 350 | 0.03% | 0.003% |
| 98 | 12.921 | 3691 | 3695 | 3697 | rBV2 | 424 | 311 | 0.02% | 0.003% |
| 99 | 13.400 | 3838 | 3844 | 3846 | rBV2 | 347 | 425 | 0.03% | 0.004% |
| 100 | 13.445 | 3855 | 3858 | 3861 | rBV3 | 601 | 543 | 0.04% | 0.005% |

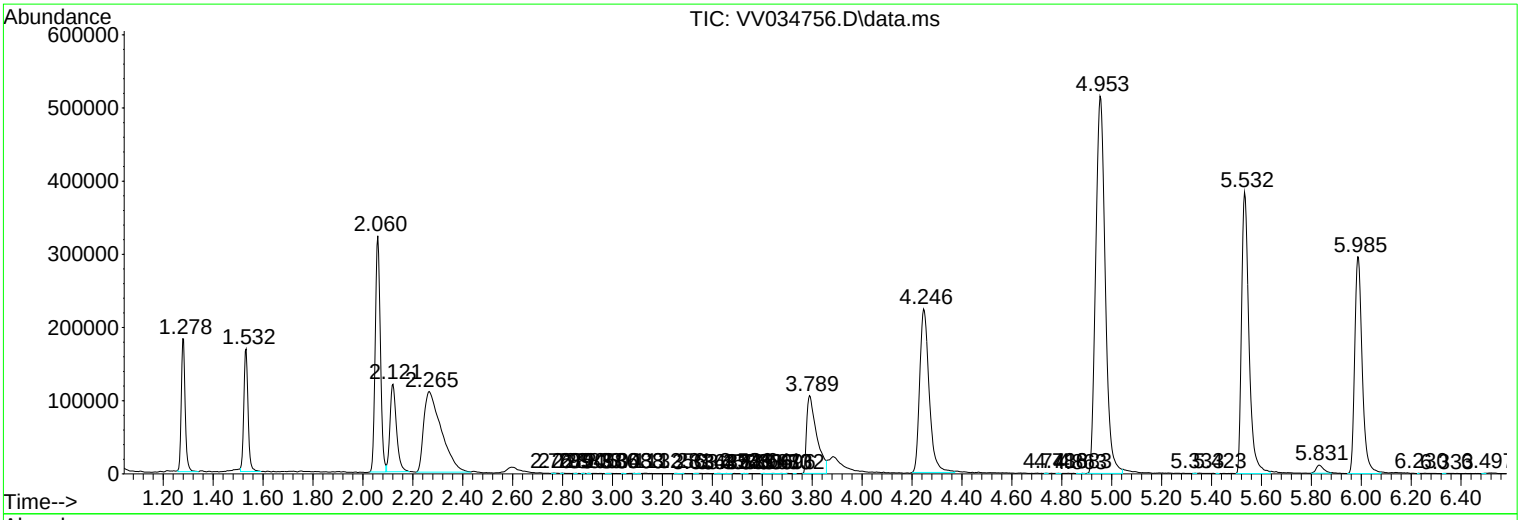
Sum of corrected areas: 10994499

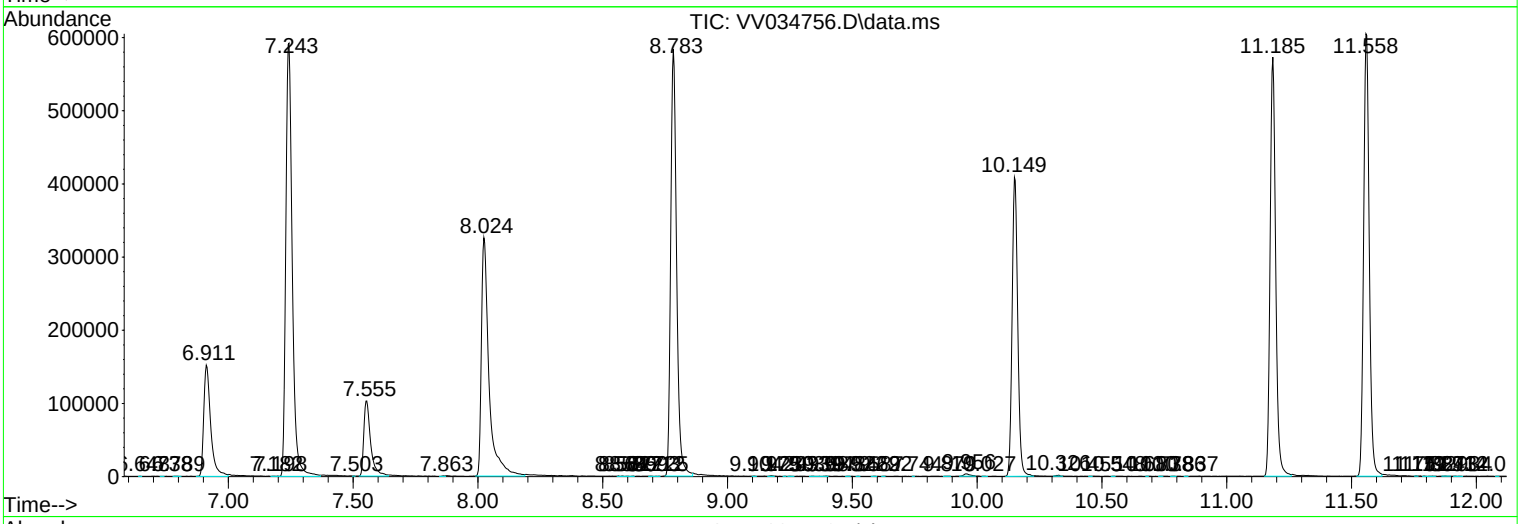
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032024\
Data File : VV034756.D
Acq On : 20 Mar 2024 12:10
Operator : SY/MD
Sample : P1755-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

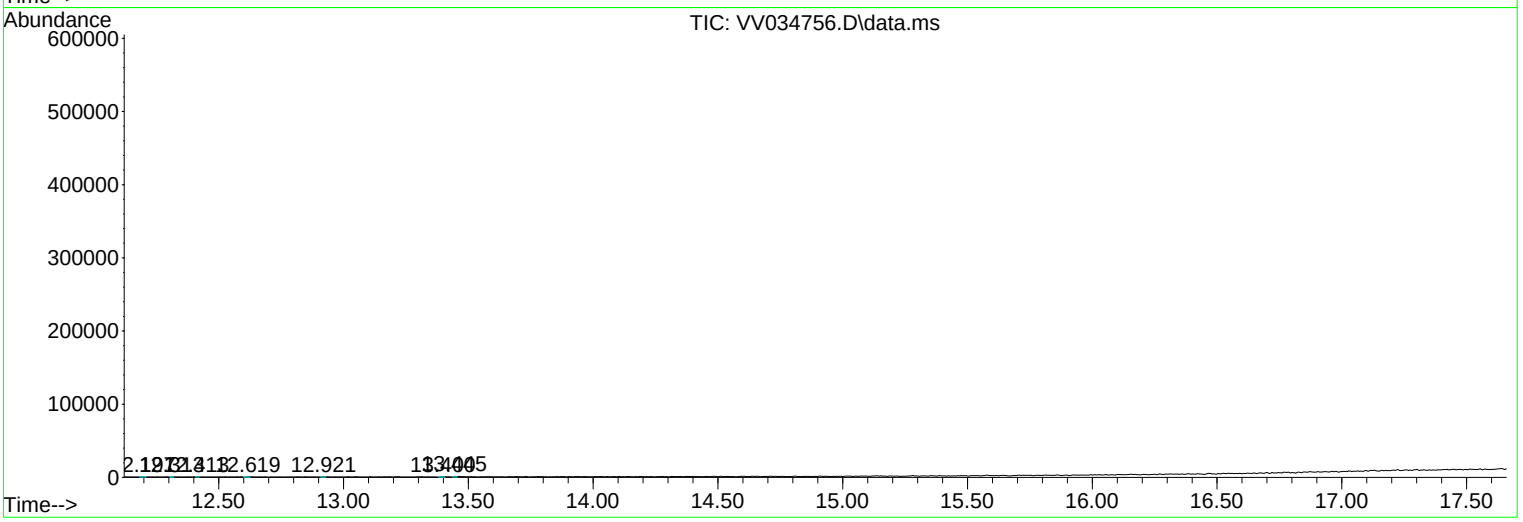
**Instrument :**
MSVOA_V
**ClientSampleId :**
YCKW9

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\VV032024\
Data File : VV034756.D
Acq On : 20 Mar 2024 12:10
Operator : SY/MD
Sample : P1755-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
YCKW9

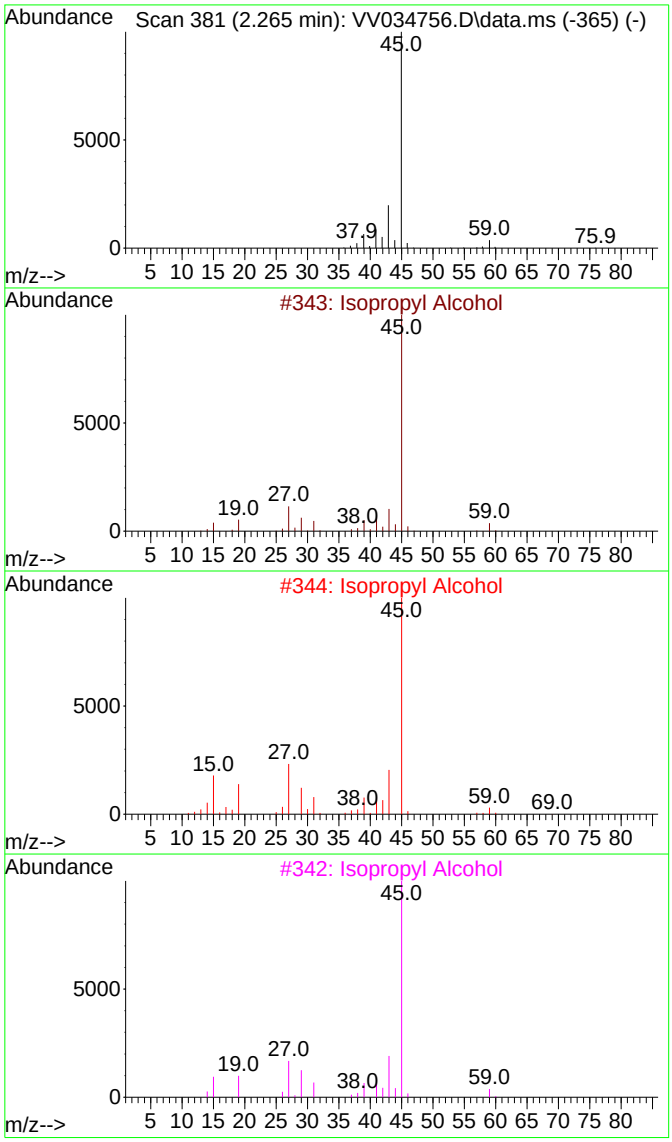
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
Quant Title : VOC Analysis

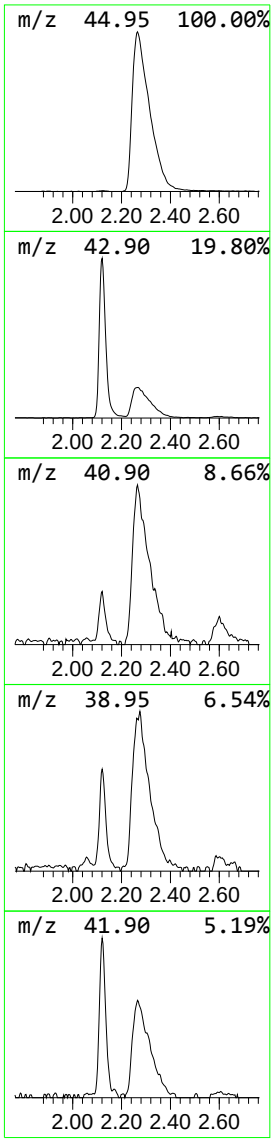
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 2.265 | 33.96 ug/L | 539047 | 1,4-Difluorobenzene | 5.532 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Isopropyl Alcohol | 60 | C3H8O | 000067-63-0 | 86 |
| 2 | Isopropyl Alcohol | 60 | C3H8O | 000067-63-0 | 78 |
| 3 | Isopropyl Alcohol | 60 | C3H8O | 000067-63-0 | 78 |
| 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\VV032024\
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Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
YCKW9

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 | 2.265 | 34.0 | ug/L | 539047 | 1 | 5.532 | 793589 | 50.0 |