

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU062724\  
 Data File : VU059552.D  
 Acq On : 27 Jun 2024 10:56  
 Operator : MD/SY  
 Sample : P3062-01 10X  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 E1GN8

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\_U\Method\SFAMULM052924WMA.M  
 Title : VOC Analysis

Signal : TIC: VU059552.D\data.ms

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 1.596       | 87            | 95          | 118          | rVB      | 73182          | 91468         | 5.09%           | 1.338%        |
| 2         | 1.676       | 118           | 120         | 124          | rBV5     | 630            | 582           | 0.03%           | 0.009%        |
| 3         | 1.760       | 141           | 146         | 155          | rVB2     | 3545           | 4484          | 0.25%           | 0.066%        |
| 4         | 1.908       | 184           | 192         | 211          | rBV      | 60316          | 85261         | 4.74%           | 1.247%        |
| 5         | 2.255       | 296           | 300         | 307          | rBV4     | 572            | 825           | 0.05%           | 0.012%        |
| 6         | 2.448       | 351           | 360         | 371          | rVB2     | 10064          | 17114         | 0.95%           | 0.250%        |
| 7         | 2.560       | 383           | 395         | 410          | rBV      | 120385         | 195850        | 10.90%          | 2.865%        |
| 8         | 2.737       | 438           | 450         | 497          | rBV      | 953587         | 1797438       | 100.00%         | 26.293%       |
| 9         | 3.489       | 682           | 684         | 687          | rVB3     | 448            | 242           | 0.01%           | 0.004%        |
| 10        | 3.554       | 701           | 704         | 708          | rBV3     | 350            | 303           | 0.02%           | 0.004%        |
| 11        | 3.637       | 727           | 730         | 733          | rVB2     | 422            | 238           | 0.01%           | 0.003%        |
| 12        | 3.727       | 755           | 758         | 763          | rBV2     | 226            | 194           | 0.01%           | 0.003%        |
| 13        | 3.788       | 773           | 777         | 781          | rBV3     | 335            | 294           | 0.02%           | 0.004%        |
| 14        | 3.866       | 798           | 801         | 807          | rVB3     | 229            | 213           | 0.01%           | 0.003%        |
| 15        | 3.943       | 823           | 825         | 828          | rBV2     | 218            | 140           | 0.01%           | 0.002%        |
| 16        | 3.959       | 828           | 830         | 833          | rVB      | 319            | 159           | 0.01%           | 0.002%        |
| 17        | 3.978       | 833           | 836         | 837          | rBV2     | 263            | 170           | 0.01%           | 0.002%        |
| 18        | 4.107       | 873           | 876         | 881          | rVB3     | 275            | 268           | 0.01%           | 0.004%        |
| 19        | 4.136       | 881           | 885         | 889          | rVB3     | 194            | 185           | 0.01%           | 0.003%        |
| 20        | 4.181       | 896           | 899         | 902          | rBV2     | 197            | 142           | 0.01%           | 0.002%        |
| 21        | 4.248       | 917           | 920         | 924          | rBV3     | 221            | 151           | 0.01%           | 0.002%        |
| 22        | 4.377       | 958           | 960         | 963          | rVV2     | 248            | 158           | 0.01%           | 0.002%        |
| 23        | 4.422       | 969           | 974         | 978          | rVB2     | 326            | 323           | 0.02%           | 0.005%        |
| 24        | 4.448       | 978           | 982         | 984          | rBV      | 150            | 143           | 0.01%           | 0.002%        |
| 25        | 4.460       | 984           | 986         | 990          | rVV      | 223            | 137           | 0.01%           | 0.002%        |
| 26        | 4.483       | 990           | 993         | 1001         | rVB3     | 403            | 490           | 0.03%           | 0.007%        |
| 27        | 4.518       | 1001          | 1004        | 1006         | rBV      | 308            | 256           | 0.01%           | 0.004%        |
| 28        | 4.612       | 1021          | 1033        | 1074         | rBV      | 63025          | 166182        | 9.25%           | 2.431%        |
| 29        | 4.862       | 1109          | 1111        | 1115         | rVB2     | 322            | 193           | 0.01%           | 0.003%        |
| 30        | 4.930       | 1129          | 1132        | 1135         | rVB3     | 266            | 142           | 0.01%           | 0.002%        |
| 31        | 5.055       | 1155          | 1171        | 1196         | rBV      | 116789         | 259856        | 14.46%          | 3.801%        |
| 32        | 5.197       | 1213          | 1215        | 1218         | rVV      | 298            | 161           | 0.01%           | 0.002%        |
| 33        | 5.223       | 1221          | 1223        | 1227         | rVB3     | 562            | 336           | 0.02%           | 0.005%        |
| 34        | 5.258       | 1230          | 1234        | 1238         | rBV3     | 311            | 300           | 0.02%           | 0.004%        |
| 35        | 5.438       | 1288          | 1290        | 1294         | rVV2     | 145            | 143           | 0.01%           | 0.002%        |
| 36        | 5.718       | 1355          | 1377        | 1403         | rBV3     | 230079         | 635434        | 35.35%          | 9.295%        |

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Integrator: RTE

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Sampling : 1

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Start Thrs: 0.2

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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\_U\Method\SFAMULM052924WMA.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 37 | 5.917  | 1436 | 1439 | 1447 | rVB2 | 289    | 239    | 0.01%  | 0.003% |
| 38 | 5.956  | 1448 | 1451 | 1454 | rVV2 | 218    | 171    | 0.01%  | 0.003% |
| 39 | 6.020  | 1469 | 1471 | 1477 | rVB2 | 203    | 187    | 0.01%  | 0.003% |
| 40 | 6.149  | 1509 | 1511 | 1516 | rVB2 | 281    | 191    | 0.01%  | 0.003% |
| 41 | 6.194  | 1520 | 1525 | 1528 | rBV2 | 177    | 196    | 0.01%  | 0.003% |
| 42 | 6.242  | 1528 | 1540 | 1570 | rBV  | 225234 | 437795 | 24.36% | 6.404% |
| 43 | 6.502  | 1616 | 1621 | 1622 | rBV2 | 488    | 425    | 0.02%  | 0.006% |
| 44 | 6.528  | 1622 | 1629 | 1640 | rVB7 | 2344   | 4077   | 0.23%  | 0.060% |
| 45 | 6.589  | 1645 | 1648 | 1652 | rVB3 | 284    | 168    | 0.01%  | 0.002% |
| 46 | 6.682  | 1664 | 1677 | 1705 | rBV  | 145807 | 291794 | 16.23% | 4.268% |
| 47 | 6.869  | 1733 | 1735 | 1739 | rBV  | 289    | 220    | 0.01%  | 0.003% |
| 48 | 6.943  | 1754 | 1758 | 1764 | rVV2 | 192    | 181    | 0.01%  | 0.003% |
| 49 | 7.065  | 1790 | 1796 | 1799 | rBV2 | 467    | 595    | 0.03%  | 0.009% |
| 50 | 7.116  | 1808 | 1812 | 1816 | rVB2 | 241    | 166    | 0.01%  | 0.002% |
| 51 | 7.190  | 1831 | 1835 | 1837 | rBV4 | 428    | 357    | 0.02%  | 0.005% |
| 52 | 7.560  | 1938 | 1950 | 1976 | rBV  | 72296  | 132557 | 7.37%  | 1.939% |
| 53 | 7.653  | 1977 | 1979 | 1984 | rVB2 | 283    | 171    | 0.01%  | 0.003% |
| 54 | 7.894  | 2040 | 2054 | 2074 | rBV  | 263436 | 469747 | 26.13% | 6.871% |
| 55 | 8.174  | 2131 | 2141 | 2156 | rBV  | 49443  | 86595  | 4.82%  | 1.267% |
| 56 | 8.464  | 2226 | 2231 | 2232 | rBV  | 379    | 322    | 0.02%  | 0.005% |
| 57 | 8.554  | 2255 | 2259 | 2263 | rVB2 | 426    | 396    | 0.02%  | 0.006% |
| 58 | 8.582  | 2263 | 2268 | 2272 | rBV2 | 224    | 227    | 0.01%  | 0.003% |
| 59 | 8.628  | 2272 | 2282 | 2312 | rBV  | 154529 | 309674 | 17.23% | 4.530% |
| 60 | 8.814  | 2338 | 2340 | 2344 | rVB3 | 370    | 209    | 0.01%  | 0.003% |
| 61 | 9.203  | 2459 | 2461 | 2463 | rBV  | 216    | 145    | 0.01%  | 0.002% |
| 62 | 9.412  | 2513 | 2526 | 2551 | rBV  | 336106 | 565433 | 31.46% | 8.271% |
| 63 | 9.566  | 2571 | 2574 | 2581 | rVB3 | 603    | 707    | 0.04%  | 0.010% |
| 64 | 9.602  | 2581 | 2585 | 2587 | rBV2 | 216    | 160    | 0.01%  | 0.002% |
| 65 | 9.618  | 2587 | 2590 | 2592 | rVV  | 262    | 181    | 0.01%  | 0.003% |
| 66 | 9.634  | 2592 | 2595 | 2598 | rVB  | 314    | 201    | 0.01%  | 0.003% |
| 67 | 9.708  | 2615 | 2618 | 2622 | rVB2 | 407    | 254    | 0.01%  | 0.004% |
| 68 | 10.206 | 2769 | 2773 | 2779 | rBV2 | 276    | 370    | 0.02%  | 0.005% |
| 69 | 10.608 | 2896 | 2898 | 2904 | rVB2 | 165    | 134    | 0.01%  | 0.002% |
| 70 | 10.750 | 2930 | 2942 | 2973 | rVB  | 223532 | 367418 | 20.44% | 5.375% |
| 71 | 10.891 | 2982 | 2986 | 2988 | rBV2 | 406    | 364    | 0.02%  | 0.005% |
| 72 | 11.422 | 3148 | 3151 | 3154 | rBV  | 196    | 180    | 0.01%  | 0.003% |
| 73 | 11.637 | 3214 | 3218 | 3220 | rBV2 | 257    | 210    | 0.01%  | 0.003% |
| 74 | 11.750 | 3249 | 3253 | 3260 | rBV3 | 837    | 831    | 0.05%  | 0.012% |
| 75 | 11.807 | 3260 | 3271 | 3291 | rBV  | 289079 | 473586 | 26.35% | 6.928% |
| 76 | 11.949 | 3313 | 3315 | 3318 | rBV2 | 268    | 186    | 0.01%  | 0.003% |

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Instrument :  
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 ClientSampleId :  
 E1GN8

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\_U\Method\SFAMULM052924WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |        |        |        |
|-----|--------|------|------|------|------|--------|--------|--------|--------|
| 77  | 11.997 | 3326 | 3330 | 3332 | rVB2 | 314    | 208    | 0.01%  | 0.003% |
| 78  | 12.010 | 3332 | 3334 | 3336 | rBV2 | 394    | 211    | 0.01%  | 0.003% |
| 79  | 12.023 | 3336 | 3338 | 3340 | rVB2 | 364    | 176    | 0.01%  | 0.003% |
| 80  | 12.187 | 3377 | 3389 | 3409 | rBV  | 250799 | 423104 | 23.54% | 6.189% |
| 81  | 12.277 | 3415 | 3417 | 3420 | rVB2 | 692    | 351    | 0.02%  | 0.005% |
| 82  | 12.528 | 3489 | 3495 | 3497 | rBV  | 367    | 364    | 0.02%  | 0.005% |
| 83  | 12.621 | 3520 | 3524 | 3529 | rBV2 | 320    | 302    | 0.02%  | 0.004% |
| 84  | 12.730 | 3553 | 3558 | 3561 | rBV2 | 233    | 264    | 0.01%  | 0.004% |
| 85  | 13.190 | 3698 | 3701 | 3705 | rVB  | 397    | 252    | 0.01%  | 0.004% |
| 86  | 13.248 | 3717 | 3719 | 3723 | rVB  | 340    | 178    | 0.01%  | 0.003% |
| 87  | 13.270 | 3723 | 3726 | 3727 | rBV2 | 238    | 149    | 0.01%  | 0.002% |
| 88  | 13.476 | 3786 | 3790 | 3793 | rBV  | 329    | 258    | 0.01%  | 0.004% |
| 89  | 14.032 | 3960 | 3963 | 3965 | rBV  | 193    | 146    | 0.01%  | 0.002% |
| 90  | 14.113 | 3982 | 3988 | 3989 | rBV2 | 544    | 520    | 0.03%  | 0.008% |
| 91  | 14.290 | 4040 | 4043 | 4045 | rBV2 | 361    | 214    | 0.01%  | 0.003% |
| 92  | 14.348 | 4057 | 4061 | 4065 | rVV3 | 387    | 405    | 0.02%  | 0.006% |
| 93  | 14.431 | 4085 | 4087 | 4091 | rVB2 | 310    | 181    | 0.01%  | 0.003% |
| 94  | 14.672 | 4160 | 4162 | 4166 | rVB3 | 364    | 220    | 0.01%  | 0.003% |
| 95  | 14.762 | 4186 | 4190 | 4193 | rVB3 | 475    | 339    | 0.02%  | 0.005% |
| 96  | 14.868 | 4219 | 4223 | 4226 | rBV2 | 390    | 338    | 0.02%  | 0.005% |
| 97  | 14.939 | 4242 | 4245 | 4246 | rBV2 | 305    | 160    | 0.01%  | 0.002% |
| 98  | 15.119 | 4298 | 4301 | 4307 | rBV2 | 463    | 414    | 0.02%  | 0.006% |
| 99  | 15.161 | 4311 | 4314 | 4316 | rBV3 | 354    | 253    | 0.01%  | 0.004% |
| 100 | 15.229 | 4332 | 4335 | 4336 | rBV2 | 352    | 179    | 0.01%  | 0.003% |

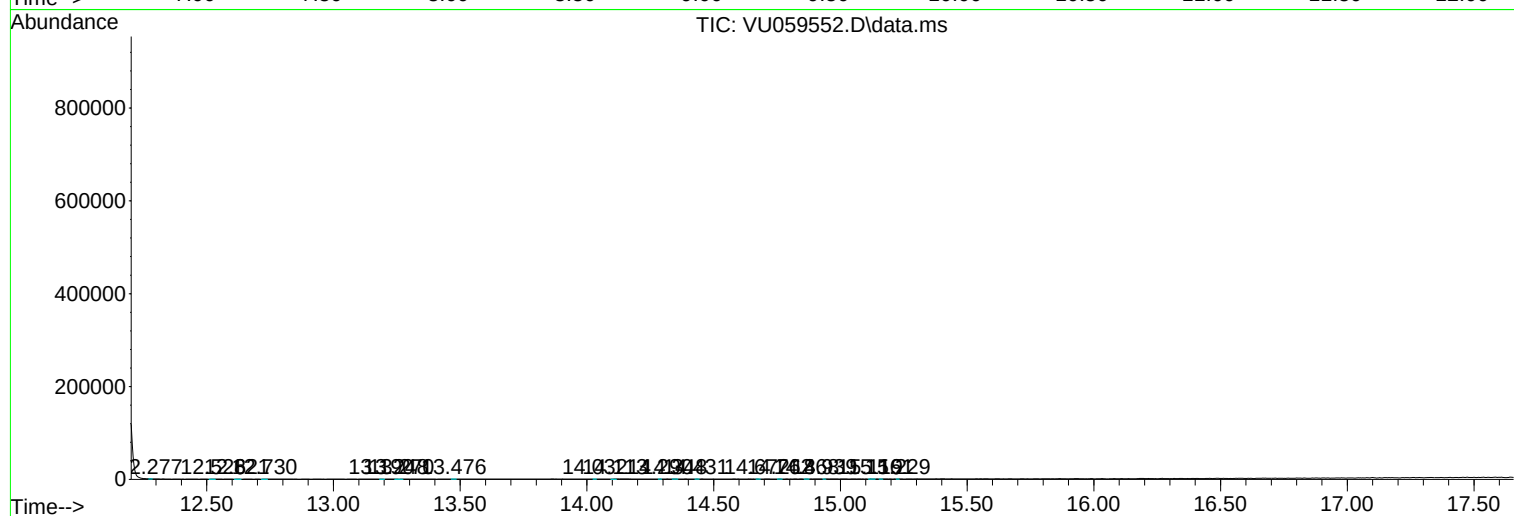
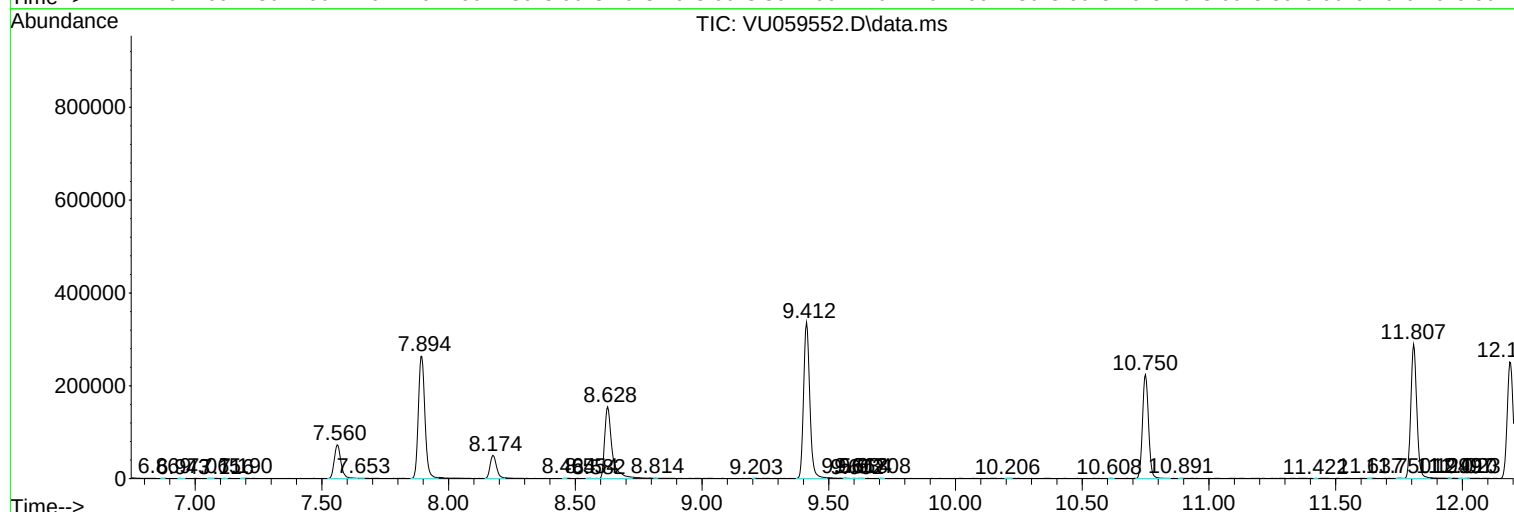
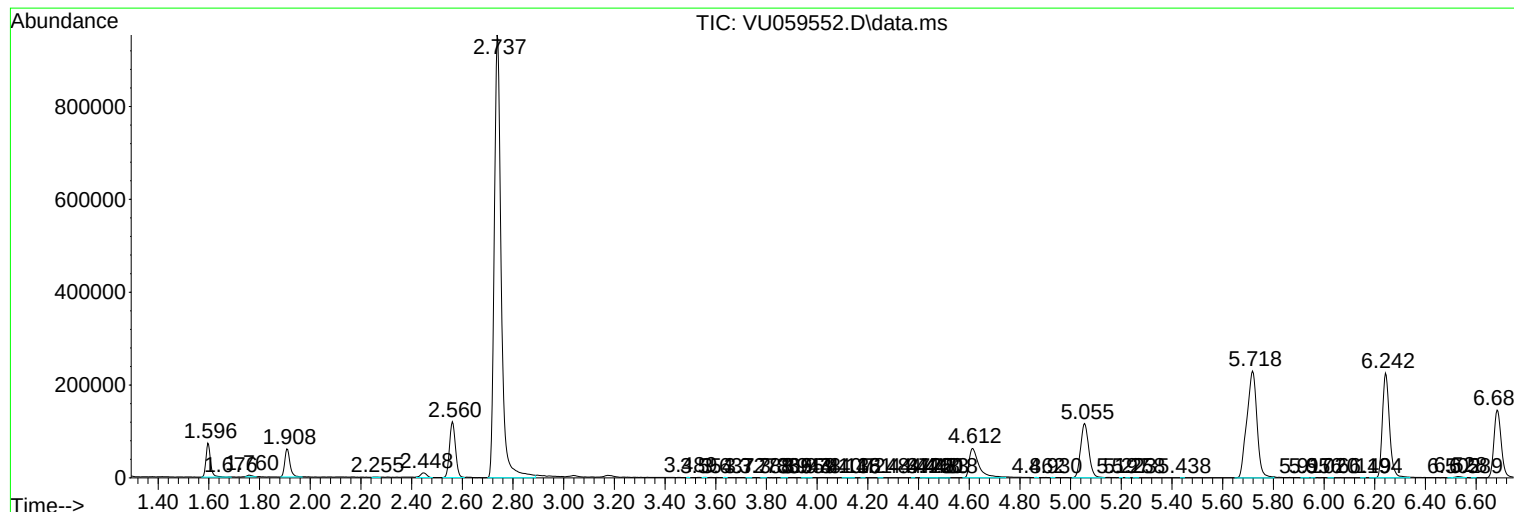
Sum of corrected areas: 6836181

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Sample : P3062-01 10X  
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Instrument :  
MSVOA\_U  
ClientSampleId :  
E1GN8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM052924WMA.M  
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU062724\  
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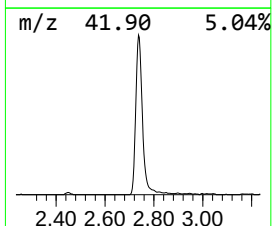
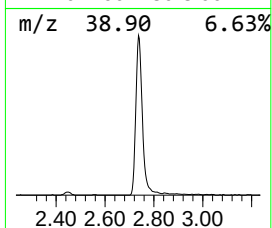
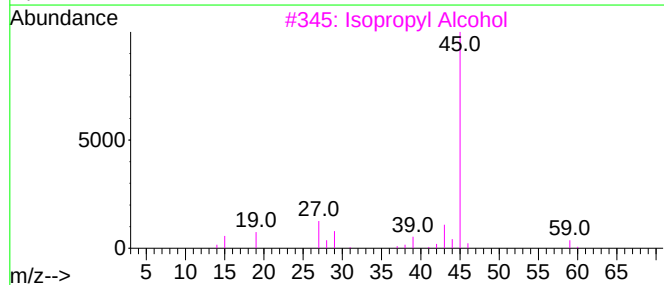
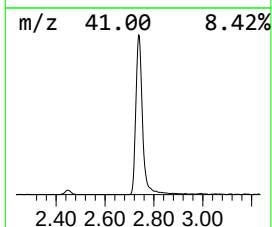
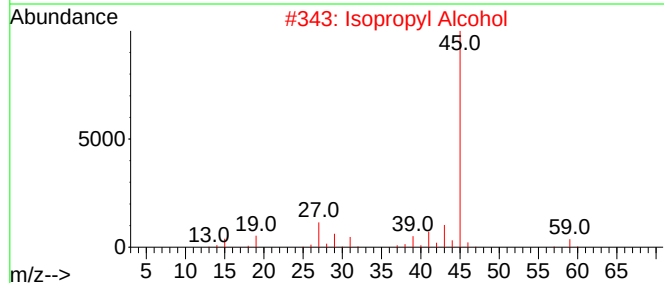
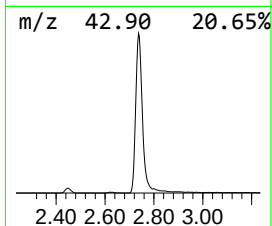
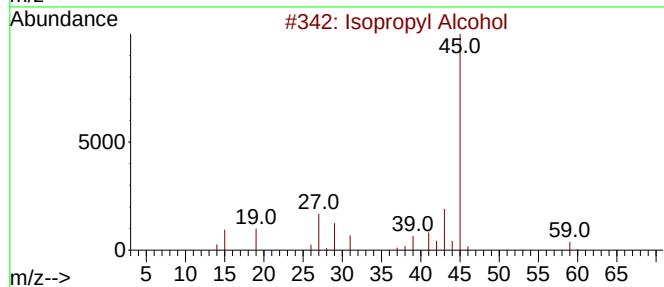
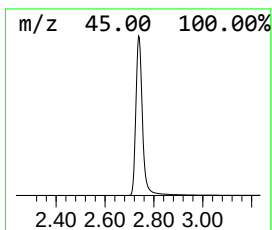
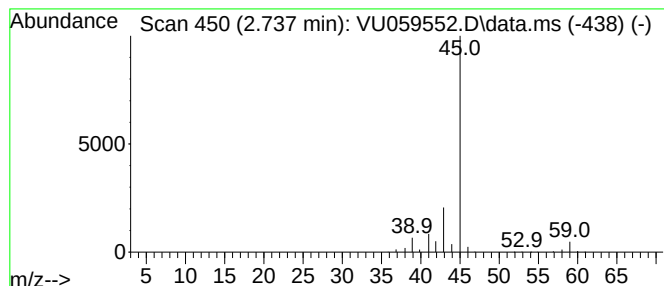
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM052924WMA.M  
Quant Title : VOC Analysis

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.  |
|-------|-------------|---------|---------------------|-------|
| 2.737 | 205.28 ug/L | 1797440 | 1,4-Difluorobenzene | 6.242 |

| 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 | 78   |
| 3    | Isopropyl Alcohol |   |              | 60 | C3H8O   | 000067-63-0 | 64   |
| 4    | Isopropyl Alcohol |   |              | 60 | C3H8O   | 000067-63-0 | 64   |
| 5    | Hydrazine, ethyl- |   |              | 60 | C2H8N2  | 000624-80-6 | 40   |



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Quant Title : VOC Analysis

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TIC Integration Parameters: LSCINT.P

| TIC Top Hit name  | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|-------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                   |       |         |       |          | #                     | RT    | Resp   | Conc |
| Isopropyl Alcohol | 2.737 | 205.3   | ug/L  | 1797440  | 1                     | 6.242 | 437795 | 50.0 |