

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU070224\  
 Data File : VU059739.D  
 Acq On : 02 Jul 2024 15:06  
 Operator : MD/SY  
 Sample : P3108-02  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0ST8

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\SFAMULM070224WMA.M

Title : VOC Analysis

Signal : TIC: VU059739.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       | 88            | 95          | 110          | rVB      | 117200         | 134085        | 14.21%          | 1.796%        |
| 2         | 1.907       | 184           | 192         | 210          | rVB      | 91826          | 126479        | 13.40%          | 1.695%        |
| 3         | 2.560       | 382           | 395         | 412          | rBV      | 190716         | 312174        | 33.08%          | 4.182%        |
| 4         | 2.743       | 442           | 452         | 471          | rBV      | 38647          | 77616         | 8.23%           | 1.040%        |
| 5         | 2.882       | 492           | 495         | 497          | rBV2     | 420            | 252           | 0.03%           | 0.003%        |
| 6         | 3.036       | 534           | 543         | 556          | rVB3     | 4972           | 9513          | 1.01%           | 0.127%        |
| 7         | 3.110       | 564           | 566         | 567          | rBV      | 154            | 85            | 0.01%           | 0.001%        |
| 8         | 3.178       | 572           | 587         | 603          | rBV2     | 8049           | 18647         | 1.98%           | 0.250%        |
| 9         | 3.268       | 609           | 615         | 618          | rBV2     | 351            | 400           | 0.04%           | 0.005%        |
| 10        | 3.348       | 638           | 640         | 642          | rBV      | 238            | 111           | 0.01%           | 0.001%        |
| 11        | 3.473       | 676           | 679         | 682          | rBV      | 271            | 224           | 0.02%           | 0.003%        |
| 12        | 3.650       | 731           | 734         | 739          | rBV2     | 277            | 323           | 0.03%           | 0.004%        |
| 13        | 3.981       | 834           | 837         | 840          | rBV2     | 333            | 229           | 0.02%           | 0.003%        |
| 14        | 4.010       | 844           | 846         | 848          | rBV      | 117            | 83            | 0.01%           | 0.001%        |
| 15        | 4.116       | 875           | 879         | 882          | rBV2     | 206            | 170           | 0.02%           | 0.002%        |
| 16        | 4.251       | 918           | 921         | 926          | rBV      | 205            | 167           | 0.02%           | 0.002%        |
| 17        | 4.293       | 931           | 934         | 937          | rBV      | 381            | 236           | 0.03%           | 0.003%        |
| 18        | 4.341       | 945           | 949         | 952          | rBV2     | 243            | 225           | 0.02%           | 0.003%        |
| 19        | 4.486       | 991           | 994         | 997          | rBV      | 117            | 117           | 0.01%           | 0.002%        |
| 20        | 4.512       | 999           | 1002        | 1004         | rBV      | 285            | 163           | 0.02%           | 0.002%        |
| 21        | 4.554       | 1011          | 1015        | 1018         | rBV2     | 305            | 248           | 0.03%           | 0.003%        |
| 22        | 4.612       | 1021          | 1033        | 1073         | rBV      | 93905          | 240546        | 25.49%          | 3.223%        |
| 23        | 4.933       | 1130          | 1133        | 1134         | rBV2     | 261            | 157           | 0.02%           | 0.002%        |
| 24        | 5.052       | 1155          | 1170        | 1195         | rBV      | 166270         | 369584        | 39.17%          | 4.952%        |
| 25        | 5.251       | 1227          | 1232        | 1234         | rBV3     | 327            | 314           | 0.03%           | 0.004%        |
| 26        | 5.312       | 1248          | 1251        | 1253         | rBV2     | 199            | 129           | 0.01%           | 0.002%        |
| 27        | 5.370       | 1266          | 1269        | 1271         | rVB      | 189            | 126           | 0.01%           | 0.002%        |
| 28        | 5.386       | 1272          | 1274        | 1276         | rBV2     | 165            | 91            | 0.01%           | 0.001%        |
| 29        | 5.412       | 1280          | 1282        | 1288         | rVB2     | 309            | 321           | 0.03%           | 0.004%        |
| 30        | 5.441       | 1288          | 1291        | 1293         | rBV      | 277            | 210           | 0.02%           | 0.003%        |
| 31        | 5.515       | 1312          | 1314        | 1318         | rBV      | 138            | 102           | 0.01%           | 0.001%        |
| 32        | 5.611       | 1339          | 1344        | 1350         | rBV2     | 198            | 291           | 0.03%           | 0.004%        |
| 33        | 5.647       | 1353          | 1355        | 1357         | rBV2     | 157            | 100           | 0.01%           | 0.001%        |
| 34        | 5.714       | 1357          | 1376        | 1408         | rBV2     | 348676         | 943553        | 100.00%         | 12.641%       |
| 35        | 5.975       | 1453          | 1457        | 1462         | rBV3     | 502            | 482           | 0.05%           | 0.006%        |
| 36        | 5.997       | 1462          | 1464        | 1466         | rBV      | 171            | 109           | 0.01%           | 0.001%        |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU070224\  
 Data File : VU059739.D  
 Acq On : 02 Jul 2024 15:06  
 Operator : MD/SY  
 Sample : P3108-02  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 COST8

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\SFAMULM070224WMA.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |        |        |         |
|----|--------|------|------|------|------|--------|--------|--------|---------|
| 37 | 6.036  | 1472 | 1476 | 1481 | rVB3 | 328    | 292    | 0.03%  | 0.004%  |
| 38 | 6.113  | 1499 | 1500 | 1502 | rBV  | 245    | 129    | 0.01%  | 0.002%  |
| 39 | 6.242  | 1527 | 1540 | 1569 | rBV  | 308796 | 601629 | 63.76% | 8.060%  |
| 40 | 6.682  | 1664 | 1677 | 1698 | rBV  | 212627 | 415822 | 44.07% | 5.571%  |
| 41 | 6.830  | 1721 | 1723 | 1724 | rBV  | 288    | 97     | 0.01%  | 0.001%  |
| 42 | 6.927  | 1747 | 1753 | 1758 | rBV2 | 278    | 320    | 0.03%  | 0.004%  |
| 43 | 6.952  | 1758 | 1761 | 1763 | rBV  | 273    | 192    | 0.02%  | 0.003%  |
| 44 | 7.042  | 1785 | 1789 | 1790 | rBV  | 170    | 101    | 0.01%  | 0.001%  |
| 45 | 7.184  | 1830 | 1833 | 1837 | rBV3 | 260    | 229    | 0.02%  | 0.003%  |
| 46 | 7.200  | 1837 | 1838 | 1839 | rBV3 | 230    | 74     | 0.01%  | 0.001%  |
| 47 | 7.332  | 1876 | 1879 | 1881 | rBV  | 196    | 141    | 0.01%  | 0.002%  |
| 48 | 7.377  | 1890 | 1893 | 1895 | rVB2 | 163    | 93     | 0.01%  | 0.001%  |
| 49 | 7.399  | 1897 | 1900 | 1901 | rBV2 | 138    | 84     | 0.01%  | 0.001%  |
| 50 | 7.454  | 1908 | 1917 | 1919 | rBV2 | 213    | 288    | 0.03%  | 0.004%  |
| 51 | 7.499  | 1928 | 1931 | 1932 | rBV  | 190    | 109    | 0.01%  | 0.001%  |
| 52 | 7.515  | 1932 | 1936 | 1938 | rVV2 | 161    | 133    | 0.01%  | 0.002%  |
| 53 | 7.560  | 1938 | 1950 | 1972 | rVV  | 111204 | 202521 | 21.46% | 2.713%  |
| 54 | 7.759  | 2009 | 2012 | 2015 | rBV  | 303    | 209    | 0.02%  | 0.003%  |
| 55 | 7.775  | 2015 | 2017 | 2020 | rVV2 | 161    | 110    | 0.01%  | 0.001%  |
| 56 | 7.827  | 2030 | 2033 | 2034 | rBV2 | 258    | 132    | 0.01%  | 0.002%  |
| 57 | 7.891  | 2040 | 2053 | 2074 | rBV  | 429252 | 744120 | 78.86% | 9.969%  |
| 58 | 8.174  | 2130 | 2141 | 2162 | rBV  | 77146  | 133893 | 14.19% | 1.794%  |
| 59 | 8.325  | 2185 | 2188 | 2192 | rBV2 | 257    | 196    | 0.02%  | 0.003%  |
| 60 | 8.361  | 2195 | 2199 | 2202 | rBV2 | 295    | 280    | 0.03%  | 0.004%  |
| 61 | 8.438  | 2220 | 2223 | 2224 | rBV  | 240    | 131    | 0.01%  | 0.002%  |
| 62 | 8.473  | 2228 | 2234 | 2240 | rVB3 | 595    | 787    | 0.08%  | 0.011%  |
| 63 | 8.624  | 2270 | 2281 | 2323 | rBV  | 249607 | 469005 | 49.71% | 6.284%  |
| 64 | 9.042  | 2403 | 2411 | 2413 | rBV2 | 262    | 397    | 0.04%  | 0.005%  |
| 65 | 9.161  | 2445 | 2448 | 2451 | rBV2 | 264    | 180    | 0.02%  | 0.002%  |
| 66 | 9.203  | 2459 | 2461 | 2463 | rBV  | 168    | 83     | 0.01%  | 0.001%  |
| 67 | 9.261  | 2477 | 2479 | 2482 | rBV  | 124    | 85     | 0.01%  | 0.001%  |
| 68 | 9.322  | 2494 | 2498 | 2502 | rBV  | 217    | 202    | 0.02%  | 0.003%  |
| 69 | 9.412  | 2513 | 2526 | 2558 | rBV  | 446348 | 765665 | 81.15% | 10.258% |
| 70 | 9.692  | 2607 | 2613 | 2622 | rBV3 | 1374   | 2368   | 0.25%  | 0.032%  |
| 71 | 9.962  | 2693 | 2697 | 2701 | rBV2 | 252    | 262    | 0.03%  | 0.004%  |
| 72 | 9.984  | 2701 | 2704 | 2706 | rBV  | 198    | 163    | 0.02%  | 0.002%  |
| 73 | 10.078 | 2730 | 2733 | 2736 | rBV2 | 162    | 122    | 0.01%  | 0.002%  |
| 74 | 10.158 | 2756 | 2758 | 2761 | rBV2 | 328    | 201    | 0.02%  | 0.003%  |
| 75 | 10.364 | 2819 | 2822 | 2827 | rBV2 | 218    | 241    | 0.03%  | 0.003%  |
| 76 | 10.406 | 2833 | 2835 | 2840 | rBV2 | 250    | 193    | 0.02%  | 0.003%  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU070224\  
 Data File : VU059739.D  
 Acq On : 02 Jul 2024 15:06  
 Operator : MD/SY  
 Sample : P3108-02  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0ST8

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\SFAMULM070224WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |        |        |        |
|-----|--------|------|------|------|------|--------|--------|--------|--------|
| 77  | 10.489 | 2856 | 2861 | 2864 | rBV2 | 410    | 405    | 0.04%  | 0.005% |
| 78  | 10.750 | 2928 | 2942 | 2960 | rBV  | 314787 | 515561 | 54.64% | 6.907% |
| 79  | 10.959 | 3003 | 3007 | 3008 | rBV  | 158    | 114    | 0.01%  | 0.002% |
| 80  | 10.997 | 3013 | 3019 | 3020 | rBV2 | 257    | 266    | 0.03%  | 0.004% |
| 81  | 11.113 | 3052 | 3055 | 3059 | rBV  | 292    | 219    | 0.02%  | 0.003% |
| 82  | 11.351 | 3124 | 3129 | 3132 | rBV3 | 298    | 337    | 0.04%  | 0.005% |
| 83  | 11.383 | 3136 | 3139 | 3142 | rBV  | 214    | 180    | 0.02%  | 0.002% |
| 84  | 11.483 | 3167 | 3170 | 3175 | rVB4 | 516    | 378    | 0.04%  | 0.005% |
| 85  | 11.560 | 3189 | 3194 | 3196 | rBV  | 346    | 245    | 0.03%  | 0.003% |
| 86  | 11.746 | 3245 | 3252 | 3259 | rBV4 | 1625   | 2084   | 0.22%  | 0.028% |
| 87  | 11.807 | 3259 | 3271 | 3289 | rBV  | 412007 | 685768 | 72.68% | 9.188% |
| 88  | 12.187 | 3377 | 3389 | 3417 | rBV  | 404020 | 670715 | 71.08% | 8.986% |
| 89  | 12.605 | 3516 | 3519 | 3522 | rBV  | 244    | 180    | 0.02%  | 0.002% |
| 90  | 12.685 | 3541 | 3544 | 3551 | rVB2 | 309    | 312    | 0.03%  | 0.004% |
| 91  | 12.717 | 3551 | 3554 | 3557 | rBV  | 307    | 272    | 0.03%  | 0.004% |
| 92  | 12.782 | 3571 | 3574 | 3576 | rBV2 | 245    | 177    | 0.02%  | 0.002% |
| 93  | 12.827 | 3585 | 3588 | 3591 | rBV  | 256    | 190    | 0.02%  | 0.003% |
| 94  | 13.174 | 3693 | 3696 | 3698 | rBV  | 227    | 146    | 0.02%  | 0.002% |
| 95  | 13.232 | 3712 | 3714 | 3717 | rVB  | 471    | 266    | 0.03%  | 0.004% |
| 96  | 13.405 | 3766 | 3768 | 3772 | rBV  | 269    | 200    | 0.02%  | 0.003% |
| 97  | 13.798 | 3887 | 3890 | 3893 | rBV  | 484    | 289    | 0.03%  | 0.004% |
| 98  | 13.849 | 3897 | 3906 | 3918 | rVV5 | 3399   | 5880   | 0.62%  | 0.079% |
| 99  | 14.084 | 3975 | 3979 | 3982 | rBV2 | 490    | 483    | 0.05%  | 0.006% |
| 100 | 14.682 | 4163 | 4165 | 4169 | rBV  | 470    | 460    | 0.05%  | 0.006% |

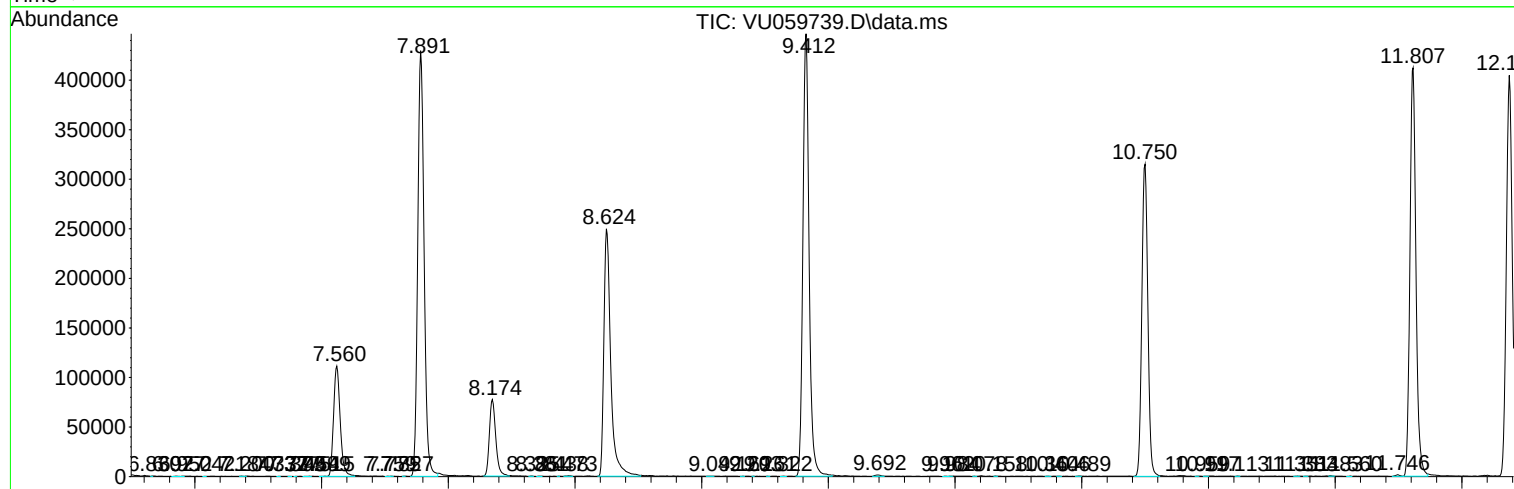
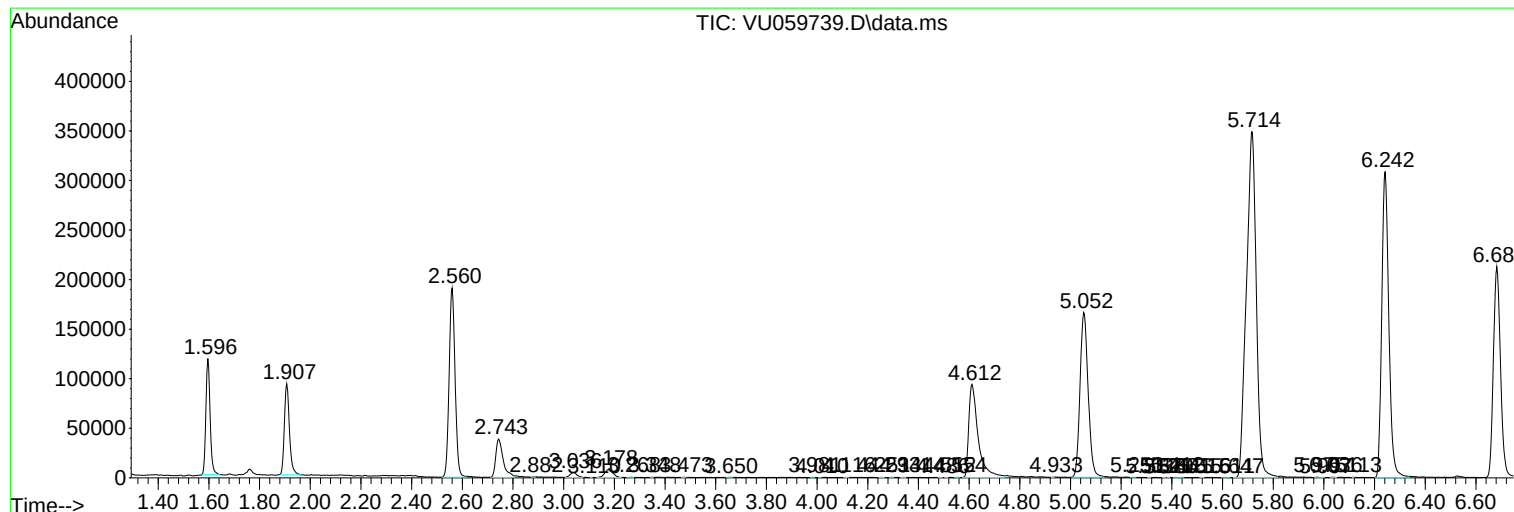
Sum of corrected areas: 7464068

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU070224\  
Data File : VU059739.D  
Acq On : 02 Jul 2024 15:06  
Operator : MD/SY  
Sample : P3108-02  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
COST8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM070224WMA.M  
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU070224\  
Data File : VU059739.D  
Acq On : 02 Jul 2024 15:06  
Operator : MD/SY  
Sample : P3108-02  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
COST8

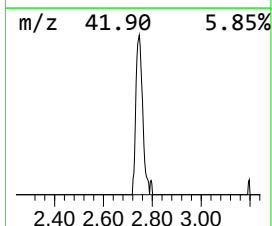
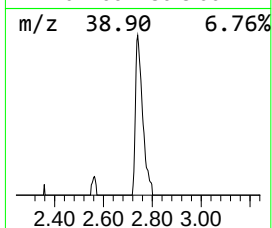
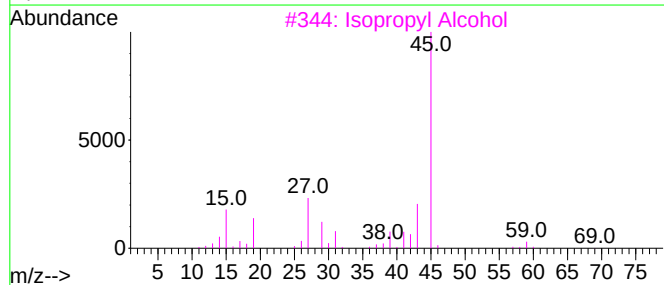
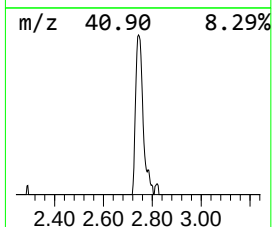
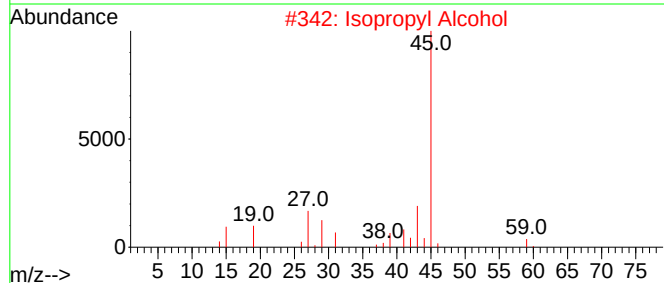
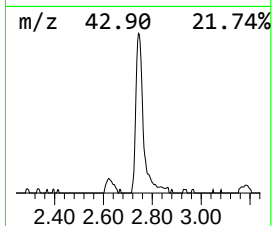
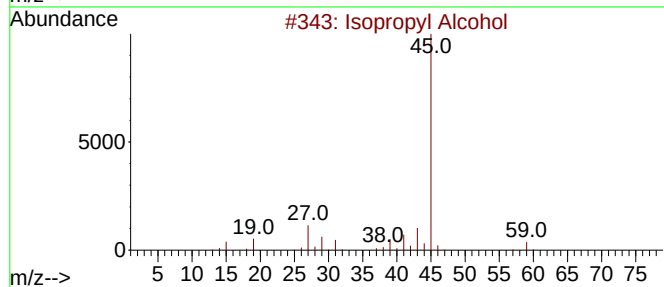
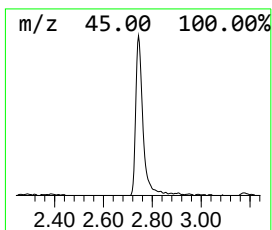
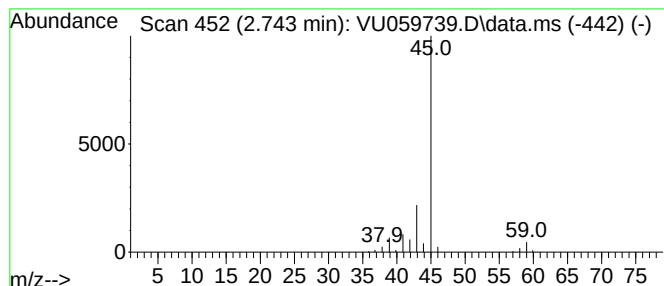
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM070224WMA.M  
Quant Title : VOC Analysis

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

\*\*\*\*\*  
Peak Number 1 Isopropyl Alcohol Concentration Rank 2

| R.T.  | EstConc   | Area  | Relative to ISTD    | R.T.  |
|-------|-----------|-------|---------------------|-------|
| 2.743 | 6.45 ug/L | 77616 | 1,4-Difluorobenzene | 6.242 |

| 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 | 83   |
| 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 | 64   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU070224\  
Data File : VU059739.D  
Acq On : 02 Jul 2024 15:06  
Operator : MD/SY  
Sample : P3108-02  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
C0ST8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM070224WMA.M  
Quant Title : VOC Analysis

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

| TIC Top Hit name  | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|-------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                   |       |         |       |          | #                     | RT    | Resp   | Conc |
| Isopropyl Alcohol | 2.743 | 6.5     | ug/L  | 77616    | 1                     | 6.242 | 601629 | 50.0 |