

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV031924\  
 Data File : VV034707.D  
 Acq On : 18 Mar 2024 19:55  
 Operator : SY/MD  
 Sample : P1766-10  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 COGM8

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: VV034707.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         | 1.278       | 68            | 74          | 90           | rVB      | 238252         | 252836        | 17.22%          | 2.326%        |
| 2         | 1.529       | 145           | 152         | 169          | rVB      | 187314         | 220848        | 15.04%          | 2.031%        |
| 3         | 2.060       | 307           | 317         | 332          | rBV      | 380722         | 551020        | 37.52%          | 5.068%        |
| 4         | 2.246       | 365           | 375         | 405          | rVB2     | 14228          | 42267         | 2.88%           | 0.389%        |
| 5         | 2.445       | 434           | 437         | 442          | rBV5     | 772            | 780           | 0.05%           | 0.007%        |
| 6         | 2.555       | 463           | 471         | 490          | rBV3     | 2972           | 7259          | 0.49%           | 0.067%        |
| 7         | 2.847       | 558           | 562         | 563          | rBV      | 196            | 142           | 0.01%           | 0.001%        |
| 8         | 2.908       | 577           | 581         | 587          | rVB3     | 371            | 416           | 0.03%           | 0.004%        |
| 9         | 2.989       | 603           | 606         | 609          | rBV2     | 195            | 147           | 0.01%           | 0.001%        |
| 10        | 3.040       | 618           | 622         | 626          | rBV2     | 162            | 147           | 0.01%           | 0.001%        |
| 11        | 3.211       | 673           | 675         | 681          | rVB      | 308            | 220           | 0.01%           | 0.002%        |
| 12        | 3.394       | 729           | 732         | 735          | rVB      | 317            | 206           | 0.01%           | 0.002%        |
| 13        | 3.420       | 737           | 740         | 744          | rVB2     | 231            | 175           | 0.01%           | 0.002%        |
| 14        | 3.474       | 755           | 757         | 766          | rVB2     | 184            | 146           | 0.01%           | 0.001%        |
| 15        | 3.513       | 766           | 769         | 771          | rBV      | 150            | 96            | 0.01%           | 0.001%        |
| 16        | 3.568       | 783           | 786         | 790          | rVV      | 255            | 171           | 0.01%           | 0.002%        |
| 17        | 3.625       | 800           | 804         | 806          | rBV2     | 160            | 124           | 0.01%           | 0.001%        |
| 18        | 3.645       | 807           | 810         | 811          | rBV      | 206            | 106           | 0.01%           | 0.001%        |
| 19        | 3.786       | 843           | 854         | 901          | rBV2     | 124176         | 382020        | 26.01%          | 3.514%        |
| 20        | 4.249       | 982           | 998         | 1034         | rBV      | 235646         | 614914        | 41.87%          | 5.656%        |
| 21        | 4.561       | 1093          | 1095        | 1096         | rVB      | 537            | 160           | 0.01%           | 0.001%        |
| 22        | 4.658       | 1123          | 1125        | 1126         | rBV      | 216            | 110           | 0.01%           | 0.001%        |
| 23        | 4.712       | 1137          | 1142        | 1144         | rVV2     | 328            | 267           | 0.02%           | 0.002%        |
| 24        | 4.728       | 1145          | 1147        | 1150         | rVV3     | 316            | 155           | 0.01%           | 0.001%        |
| 25        | 4.841       | 1177          | 1182        | 1185         | rBV2     | 250            | 265           | 0.02%           | 0.002%        |
| 26        | 4.902       | 1196          | 1201        | 1202         | rBV3     | 202            | 157           | 0.01%           | 0.001%        |
| 27        | 4.953       | 1202          | 1217        | 1256         | rBV2     | 554396         | 1468582       | 100.00%         | 13.508%       |
| 28        | 5.288       | 1319          | 1321        | 1323         | rBV2     | 286            | 135           | 0.01%           | 0.001%        |
| 29        | 5.487       | 1380          | 1383        | 1384         | rBV      | 314            | 140           | 0.01%           | 0.001%        |
| 30        | 5.532       | 1386          | 1397        | 1430         | rBV      | 387160         | 805333        | 54.84%          | 7.408%        |
| 31        | 5.831       | 1481          | 1490        | 1519         | rVB5     | 8199           | 18758         | 1.28%           | 0.173%        |
| 32        | 5.986       | 1526          | 1538        | 1575         | rBV      | 310419         | 652053        | 44.40%          | 5.998%        |
| 33        | 6.371       | 1655          | 1658        | 1661         | rBV2     | 260            | 127           | 0.01%           | 0.001%        |
| 34        | 6.477       | 1686          | 1691        | 1693         | rBV      | 217            | 131           | 0.01%           | 0.001%        |
| 35        | 6.506       | 1696          | 1700        | 1703         | rBV      | 225            | 167           | 0.01%           | 0.002%        |
| 36        | 6.587       | 1721          | 1725        | 1729         | rVB2     | 235            | 155           | 0.01%           | 0.001%        |

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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 | 6.616  | 1729 | 1734 | 1737 | rBV2 | 172    | 155     | 0.01%  | 0.001%  |
| 38 | 6.683  | 1752 | 1755 | 1757 | rBV  | 231    | 177     | 0.01%  | 0.002%  |
| 39 | 6.735  | 1768 | 1771 | 1774 | rBV  | 150    | 129     | 0.01%  | 0.001%  |
| 40 | 6.786  | 1783 | 1787 | 1789 | rBV  | 196    | 114     | 0.01%  | 0.001%  |
| 41 | 6.805  | 1789 | 1793 | 1794 | rBV  | 284    | 153     | 0.01%  | 0.001%  |
| 42 | 6.857  | 1800 | 1809 | 1816 | rBV2 | 328    | 613     | 0.04%  | 0.006%  |
| 43 | 6.912  | 1816 | 1826 | 1863 | rBV  | 168625 | 321689  | 21.90% | 2.959%  |
| 44 | 7.243  | 1917 | 1929 | 1968 | rBV  | 648248 | 1145519 | 78.00% | 10.537% |
| 45 | 7.555  | 2016 | 2026 | 2046 | rBV  | 113634 | 209469  | 14.26% | 1.927%  |
| 46 | 7.838  | 2111 | 2114 | 2116 | rBV2 | 259    | 182     | 0.01%  | 0.002%  |
| 47 | 7.876  | 2119 | 2126 | 2131 | rBV3 | 834    | 971     | 0.07%  | 0.009%  |
| 48 | 7.921  | 2134 | 2140 | 2147 | rVB2 | 367    | 369     | 0.03%  | 0.003%  |
| 49 | 7.953  | 2147 | 2150 | 2155 | rBV  | 186    | 152     | 0.01%  | 0.001%  |
| 50 | 7.979  | 2155 | 2158 | 2159 | rBV2 | 314    | 124     | 0.01%  | 0.001%  |
| 51 | 8.024  | 2163 | 2172 | 2214 | rBV  | 351760 | 671855  | 45.75% | 6.180%  |
| 52 | 8.391  | 2283 | 2286 | 2291 | rBV2 | 394    | 433     | 0.03%  | 0.004%  |
| 53 | 8.513  | 2320 | 2324 | 2327 | rBV2 | 438    | 359     | 0.02%  | 0.003%  |
| 54 | 8.629  | 2357 | 2360 | 2363 | rVB2 | 229    | 125     | 0.01%  | 0.001%  |
| 55 | 8.648  | 2363 | 2366 | 2368 | rBV  | 156    | 99      | 0.01%  | 0.001%  |
| 56 | 8.715  | 2381 | 2387 | 2391 | rBV2 | 441    | 491     | 0.03%  | 0.005%  |
| 57 | 8.783  | 2397 | 2408 | 2437 | rBV  | 580240 | 966598  | 65.82% | 8.891%  |
| 58 | 9.024  | 2480 | 2483 | 2487 | rVB3 | 430    | 349     | 0.02%  | 0.003%  |
| 59 | 9.053  | 2487 | 2492 | 2494 | rBV2 | 315    | 239     | 0.02%  | 0.002%  |
| 60 | 9.085  | 2498 | 2502 | 2505 | rBV2 | 446    | 479     | 0.03%  | 0.004%  |
| 61 | 9.120  | 2509 | 2513 | 2514 | rBV  | 338    | 173     | 0.01%  | 0.002%  |
| 62 | 9.191  | 2532 | 2535 | 2539 | rBV2 | 283    | 213     | 0.01%  | 0.002%  |
| 63 | 9.230  | 2543 | 2547 | 2549 | rBV  | 134    | 105     | 0.01%  | 0.001%  |
| 64 | 9.288  | 2560 | 2565 | 2569 | rBV2 | 345    | 326     | 0.02%  | 0.003%  |
| 65 | 9.355  | 2580 | 2586 | 2591 | rBV2 | 307    | 394     | 0.03%  | 0.004%  |
| 66 | 9.455  | 2615 | 2617 | 2623 | rVB2 | 259    | 143     | 0.01%  | 0.001%  |
| 67 | 9.526  | 2635 | 2639 | 2644 | rBV2 | 277    | 317     | 0.02%  | 0.003%  |
| 68 | 9.693  | 2688 | 2691 | 2693 | rBV  | 241    | 159     | 0.01%  | 0.001%  |
| 69 | 9.796  | 2715 | 2723 | 2727 | rBV2 | 251    | 310     | 0.02%  | 0.003%  |
| 70 | 9.966  | 2772 | 2776 | 2778 | rBV2 | 190    | 164     | 0.01%  | 0.002%  |
| 71 | 10.034 | 2795 | 2797 | 2800 | rBV  | 192    | 105     | 0.01%  | 0.001%  |
| 72 | 10.153 | 2822 | 2834 | 2860 | rVV  | 421572 | 661635  | 45.05% | 6.086%  |
| 73 | 10.403 | 2909 | 2912 | 2915 | rBV  | 165    | 96      | 0.01%  | 0.001%  |
| 74 | 10.436 | 2919 | 2922 | 2924 | rBV  | 217    | 134     | 0.01%  | 0.001%  |
| 75 | 10.583 | 2963 | 2968 | 2971 | rBV2 | 325    | 332     | 0.02%  | 0.003%  |
| 76 | 10.599 | 2971 | 2973 | 2976 | rBV2 | 249    | 130     | 0.01%  | 0.001%  |

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Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

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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  | 11.040 | 3107 | 3110 | 3113 | rBV  | 239    | 161    | 0.01%  | 0.001% |
| 78  | 11.075 | 3117 | 3121 | 3124 | rBV  | 294    | 223    | 0.02%  | 0.002% |
| 79  | 11.120 | 3133 | 3135 | 3138 | rVB2 | 312    | 151    | 0.01%  | 0.001% |
| 80  | 11.140 | 3139 | 3141 | 3144 | rBV2 | 155    | 119    | 0.01%  | 0.001% |
| 81  | 11.185 | 3144 | 3155 | 3183 | rBV  | 570704 | 883490 | 60.16% | 8.126% |
| 82  | 11.497 | 3249 | 3252 | 3259 | rVB3 | 597    | 564    | 0.04%  | 0.005% |
| 83  | 11.558 | 3259 | 3271 | 3296 | rBV  | 603977 | 977599 | 66.57% | 8.992% |
| 84  | 11.738 | 3325 | 3327 | 3330 | rVB2 | 449    | 203    | 0.01%  | 0.002% |
| 85  | 11.770 | 3335 | 3337 | 3338 | rBV2 | 295    | 141    | 0.01%  | 0.001% |
| 86  | 11.844 | 3357 | 3360 | 3361 | rBV  | 204    | 121    | 0.01%  | 0.001% |
| 87  | 11.853 | 3361 | 3363 | 3366 | rVV2 | 213    | 117    | 0.01%  | 0.001% |
| 88  | 11.979 | 3400 | 3402 | 3405 | rBV  | 274    | 133    | 0.01%  | 0.001% |
| 89  | 12.005 | 3405 | 3410 | 3418 | rBV2 | 284    | 433    | 0.03%  | 0.004% |
| 90  | 12.120 | 3442 | 3446 | 3451 | rBV2 | 486    | 363    | 0.02%  | 0.003% |
| 91  | 12.268 | 3491 | 3492 | 3496 | rVB2 | 278    | 121    | 0.01%  | 0.001% |
| 92  | 12.365 | 3519 | 3522 | 3525 | rVB2 | 293    | 164    | 0.01%  | 0.002% |
| 93  | 12.480 | 3555 | 3558 | 3560 | rBV  | 172    | 93     | 0.01%  | 0.001% |
| 94  | 12.580 | 3586 | 3589 | 3591 | rBV  | 310    | 185    | 0.01%  | 0.002% |
| 95  | 12.619 | 3598 | 3601 | 3604 | rBV2 | 303    | 218    | 0.01%  | 0.002% |
| 96  | 12.889 | 3683 | 3685 | 3688 | rBV  | 264    | 143    | 0.01%  | 0.001% |
| 97  | 13.091 | 3746 | 3748 | 3749 | rBV  | 295    | 129    | 0.01%  | 0.001% |
| 98  | 13.230 | 3788 | 3791 | 3794 | rVB2 | 356    | 181    | 0.01%  | 0.002% |
| 99  | 13.728 | 3943 | 3946 | 3947 | rBV  | 479    | 249    | 0.02%  | 0.002% |
| 100 | 13.886 | 3993 | 3995 | 3996 | rBV  | 484    | 184    | 0.01%  | 0.002% |

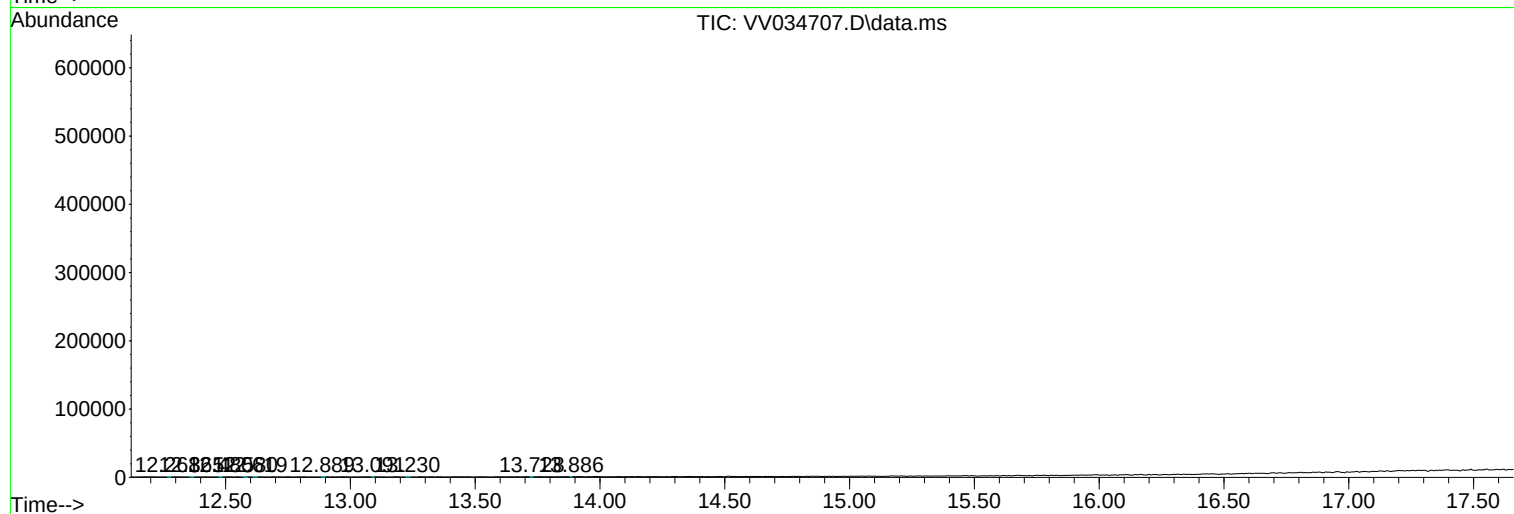
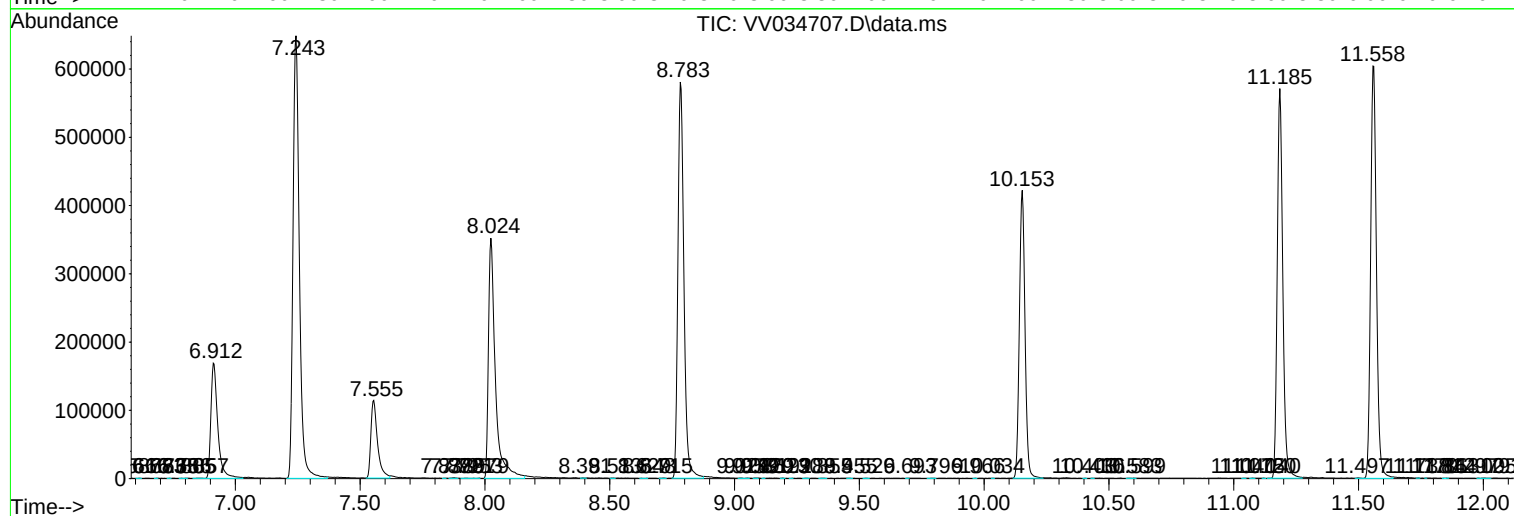
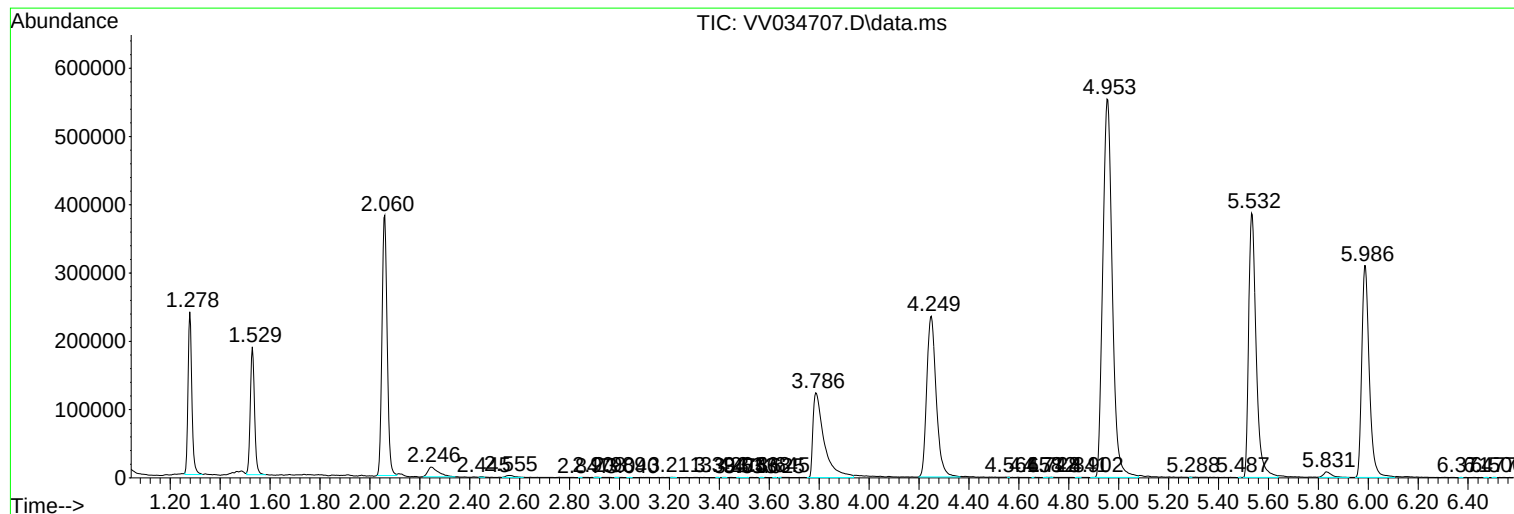
Sum of corrected areas: 10871799

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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



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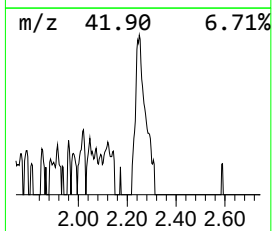
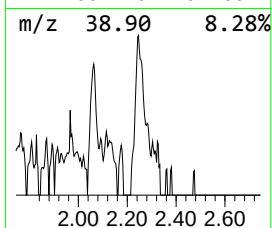
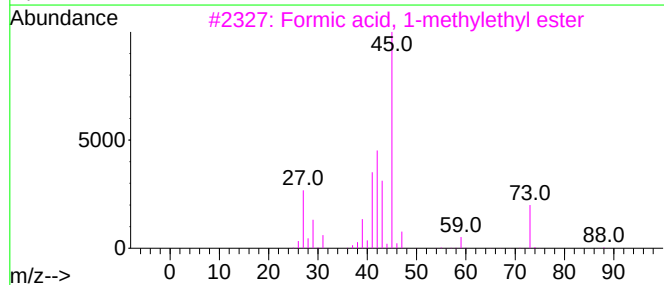
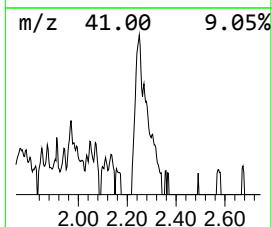
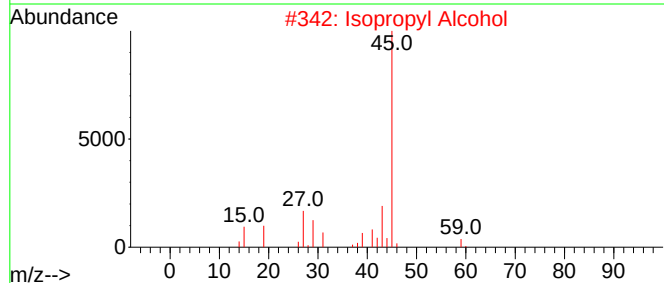
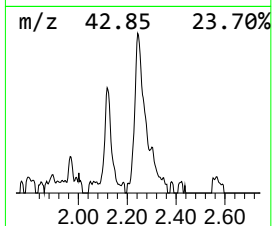
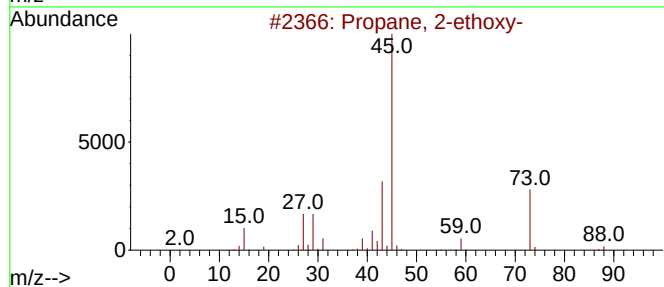
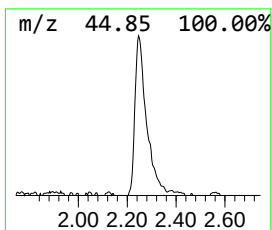
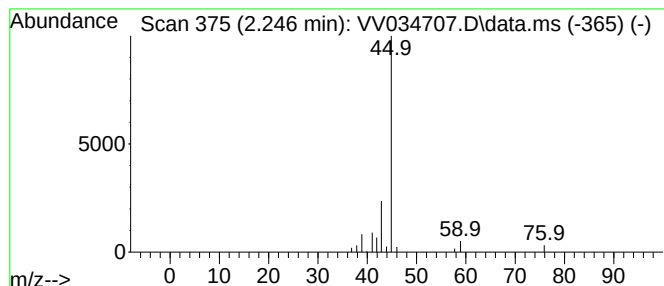
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM022924WMA.M  
Quant Title : VOC Analysis

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

\*\*\*\*\*  
Peak Number 1 Propane, 2-ethoxy- Concentration Rank 2

| R.T.  | EstConc   | Area  | Relative to ISTD    | R.T.  |
|-------|-----------|-------|---------------------|-------|
| 2.246 | 2.62 ug/L | 42267 | 1,4-Difluorobenzene | 5.535 |

| Hit# | of | 5 | Tentative ID                     | MW | MolForm | CAS#        | Qual |
|------|----|---|----------------------------------|----|---------|-------------|------|
| 1    |    |   | Propane, 2-ethoxy-               | 88 | C5H12O  | 000625-54-7 | 64   |
| 2    |    |   | Isopropyl Alcohol                | 60 | C3H8O   | 000067-63-0 | 43   |
| 3    |    |   | Formic acid, 1-methylethyl ester | 88 | C4H8O2  | 000625-55-8 | 43   |
| 4    |    |   | Propane, 2-ethoxy-               | 88 | C5H12O  | 000625-54-7 | 43   |
| 5    |    |   | Formic acid, 1-methylethyl ester | 88 | C4H8O2  | 000625-55-8 | 9    |



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| TIC Top Hit name   | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|--------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                    |       |         |       |          | #                     | RT    | Resp   | Conc |
| Propane, 2-ethoxy- | 2.246 | 2.6     | ug/L  | 42267    | 1                     | 5.535 | 805333 | 50.0 |