

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV042621\  
 Data File : VV021157.D  
 Acq On : 26 Apr 2021 21:08  
 Operator : SY/MD  
 Sample : M2165-14ME 4X  
 Misc : 5.72g/5.0mL/100uL/5.0mL/MSVOA\_V/MEOH  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 GB3F5ME

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\SFAMVLM042121WMA.M  
 Title : VOC Analysis

Signal : TIC: VV021157.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         | 1.307       | 76            | 83          | 99           | rBV      | 531504         | 582847        | 5.87%           | 1.726%        |
| 2         | 1.567       | 157           | 164         | 181          | rBV      | 397889         | 477918        | 4.81%           | 1.416%        |
| 3         | 2.104       | 321           | 331         | 369          | rVB      | 965476         | 1420364       | 14.29%          | 4.207%        |
| 4         | 2.510       | 446           | 457         | 471          | rBV8     | 6903           | 12611         | 0.13%           | 0.037%        |
| 5         | 2.680       | 507           | 510         | 511          | rBV2     | 709            | 326           | 0.00%           | 0.001%        |
| 6         | 2.850       | 561           | 563         | 565          | rBV      | 561            | 229           | 0.00%           | 0.001%        |
| 7         | 2.944       | 590           | 592         | 593          | rBV      | 438            | 200           | 0.00%           | 0.001%        |
| 8         | 2.995       | 607           | 608         | 611          | rVB      | 556            | 226           | 0.00%           | 0.001%        |
| 9         | 3.024       | 615           | 617         | 618          | rBV2     | 210            | 104           | 0.00%           | 0.000%        |
| 10        | 3.040       | 618           | 622         | 624          | rBV2     | 667            | 519           | 0.01%           | 0.002%        |
| 11        | 3.079       | 631           | 634         | 635          | rBV      | 330            | 151           | 0.00%           | 0.000%        |
| 12        | 3.149       | 654           | 656         | 659          | rVB2     | 231            | 113           | 0.00%           | 0.000%        |
| 13        | 3.182       | 665           | 666         | 669          | rVB2     | 702            | 299           | 0.00%           | 0.001%        |
| 14        | 3.201       | 669           | 672         | 675          | rBV      | 561            | 328           | 0.00%           | 0.001%        |
| 15        | 3.217       | 675           | 677         | 679          | rBV      | 426            | 228           | 0.00%           | 0.001%        |
| 16        | 3.233       | 679           | 682         | 685          | rVV2     | 453            | 327           | 0.00%           | 0.001%        |
| 17        | 3.326       | 709           | 711         | 716          | rVB2     | 697            | 424           | 0.00%           | 0.001%        |
| 18        | 3.352       | 716           | 719         | 724          | rBB4     | 622            | 352           | 0.00%           | 0.001%        |
| 19        | 3.400       | 730           | 734         | 736          | rBV2     | 774            | 503           | 0.01%           | 0.001%        |
| 20        | 3.461       | 751           | 753         | 754          | rBV      | 386            | 164           | 0.00%           | 0.000%        |
| 21        | 3.564       | 782           | 785         | 786          | rBV      | 518            | 279           | 0.00%           | 0.001%        |
| 22        | 3.593       | 790           | 794         | 795          | rBV      | 591            | 278           | 0.00%           | 0.001%        |
| 23        | 3.625       | 802           | 804         | 806          | rVB2     | 774            | 246           | 0.00%           | 0.001%        |
| 24        | 3.635       | 806           | 807         | 812          | rVB      | 491            | 202           | 0.00%           | 0.001%        |
| 25        | 3.657       | 812           | 814         | 818          | rVB2     | 383            | 245           | 0.00%           | 0.001%        |
| 26        | 3.680       | 818           | 821         | 823          | rBV2     | 452            | 271           | 0.00%           | 0.001%        |
| 27        | 3.741       | 837           | 840         | 843          | rVB2     | 809            | 470           | 0.00%           | 0.001%        |
| 28        | 3.770       | 843           | 849         | 851          | rBV      | 641            | 533           | 0.01%           | 0.002%        |
| 29        | 3.895       | 877           | 888         | 937          | rBV      | 201454         | 659281        | 6.63%           | 1.953%        |
| 30        | 4.349       | 1012          | 1029        | 1059         | rBV      | 611536         | 1511214       | 15.21%          | 4.476%        |
| 31        | 4.902       | 1199          | 1201        | 1203         | rBV3     | 547            | 282           | 0.00%           | 0.001%        |
| 32        | 5.046       | 1229          | 1246        | 1281         | rBV2     | 1395956        | 3543302       | 35.66%          | 10.495%       |
| 33        | 5.320       | 1329          | 1331        | 1333         | rBV      | 613            | 347           | 0.00%           | 0.001%        |
| 34        | 5.410       | 1357          | 1359        | 1363         | rBV2     | 862            | 660           | 0.01%           | 0.002%        |
| 35        | 5.551       | 1399          | 1403        | 1405         | rBV3     | 782            | 647           | 0.01%           | 0.002%        |
| 36        | 5.619       | 1413          | 1424        | 1453         | rBV      | 502299         | 1015049       | 10.22%          | 3.006%        |

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 ClientSampleId :  
 GB3F5ME

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

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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\SFAMVLM042121WMA.M  
 Title : VOC Analysis

|    |        |      |      |      |      |         |         |         |         |
|----|--------|------|------|------|------|---------|---------|---------|---------|
| 37 | 5.915  | 1506 | 1516 | 1534 | rVB6 | 25118   | 55963   | 0.56%   | 0.166%  |
| 38 | 6.021  | 1546 | 1549 | 1550 | rBV  | 923     | 384     | 0.00%   | 0.001%  |
| 39 | 6.072  | 1551 | 1565 | 1594 | rVV  | 759493  | 1550064 | 15.60%  | 4.591%  |
| 40 | 6.342  | 1643 | 1649 | 1652 | rBV7 | 1644    | 1627    | 0.02%   | 0.005%  |
| 41 | 6.432  | 1674 | 1677 | 1680 | rBV  | 632     | 477     | 0.00%   | 0.001%  |
| 42 | 6.452  | 1680 | 1683 | 1684 | rBV2 | 625     | 317     | 0.00%   | 0.001%  |
| 43 | 6.525  | 1703 | 1706 | 1707 | rBV  | 729     | 415     | 0.00%   | 0.001%  |
| 44 | 6.580  | 1719 | 1723 | 1725 | rBV2 | 722     | 563     | 0.01%   | 0.002%  |
| 45 | 6.863  | 1807 | 1811 | 1813 | rBV  | 422     | 354     | 0.00%   | 0.001%  |
| 46 | 6.889  | 1817 | 1819 | 1820 | rBV  | 336     | 142     | 0.00%   | 0.000%  |
| 47 | 6.898  | 1820 | 1822 | 1825 | rVV2 | 541     | 339     | 0.00%   | 0.001%  |
| 48 | 6.924  | 1828 | 1830 | 1833 | rBV2 | 461     | 315     | 0.00%   | 0.001%  |
| 49 | 6.989  | 1838 | 1850 | 1878 | rBV  | 444041  | 801004  | 8.06%   | 2.372%  |
| 50 | 7.320  | 1940 | 1953 | 1971 | rBV  | 1714460 | 2943850 | 29.63%  | 8.719%  |
| 51 | 7.625  | 2037 | 2048 | 2072 | rBV  | 320347  | 562029  | 5.66%   | 1.665%  |
| 52 | 7.979  | 2144 | 2158 | 2184 | rBV  | 5997025 | 9936596 | 100.00% | 29.431% |
| 53 | 8.095  | 2184 | 2194 | 2234 | rVB  | 777794  | 1539309 | 15.49%  | 4.559%  |
| 54 | 8.538  | 2329 | 2332 | 2334 | rBV3 | 695     | 350     | 0.00%   | 0.001%  |
| 55 | 8.773  | 2403 | 2405 | 2408 | rBV3 | 767     | 499     | 0.01%   | 0.001%  |
| 56 | 8.857  | 2420 | 2431 | 2458 | rBV  | 769566  | 1265912 | 12.74%  | 3.749%  |
| 57 | 9.230  | 2543 | 2547 | 2555 | rVB5 | 1402    | 1476    | 0.01%   | 0.004%  |
| 58 | 9.281  | 2561 | 2563 | 2566 | rBV2 | 479     | 240     | 0.00%   | 0.001%  |
| 59 | 9.313  | 2570 | 2573 | 2575 | rBV3 | 630     | 375     | 0.00%   | 0.001%  |
| 60 | 9.387  | 2593 | 2596 | 2599 | rBV3 | 696     | 509     | 0.01%   | 0.002%  |
| 61 | 9.480  | 2623 | 2625 | 2629 | rVB2 | 907     | 541     | 0.01%   | 0.002%  |
| 62 | 9.657  | 2678 | 2680 | 2682 | rBV  | 458     | 253     | 0.00%   | 0.001%  |
| 63 | 9.680  | 2684 | 2687 | 2690 | rBV5 | 1014    | 979     | 0.01%   | 0.003%  |
| 64 | 9.715  | 2697 | 2698 | 2700 | rBV  | 673     | 227     | 0.00%   | 0.001%  |
| 65 | 9.776  | 2713 | 2717 | 2720 | rBV3 | 1050    | 773     | 0.01%   | 0.002%  |
| 66 | 9.789  | 2720 | 2721 | 2723 | rBV3 | 538     | 224     | 0.00%   | 0.001%  |
| 67 | 9.976  | 2775 | 2779 | 2780 | rBV2 | 578     | 324     | 0.00%   | 0.001%  |
| 68 | 10.027 | 2793 | 2795 | 2798 | rBV2 | 443     | 238     | 0.00%   | 0.001%  |
| 69 | 10.078 | 2807 | 2811 | 2813 | rBV3 | 391     | 281     | 0.00%   | 0.001%  |
| 70 | 10.133 | 2819 | 2828 | 2837 | rBV3 | 10974   | 16544   | 0.17%   | 0.049%  |
| 71 | 10.223 | 2843 | 2856 | 2877 | rBV  | 1115897 | 1790323 | 18.02%  | 5.303%  |
| 72 | 10.824 | 3040 | 3043 | 3046 | rBV4 | 1174    | 936     | 0.01%   | 0.003%  |
| 73 | 10.924 | 3069 | 3074 | 3083 | rVB6 | 9226    | 11784   | 0.12%   | 0.035%  |
| 74 | 11.104 | 3127 | 3130 | 3135 | rVB2 | 1319    | 1010    | 0.01%   | 0.003%  |
| 75 | 11.152 | 3135 | 3145 | 3155 | rBV8 | 5032    | 8074    | 0.08%   | 0.024%  |
| 76 | 11.255 | 3166 | 3177 | 3195 | rBV  | 773704  | 1214072 | 12.22%  | 3.596%  |

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 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 GB3F5ME

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\SFAMVLM042121WMA.M

Title : VOC Analysis

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 77 | 11.631 | 3282 | 3294 | 3315 | rBV  | 1794573 | 2816717 | 28.35% | 8.343% |
| 78 | 12.040 | 3418 | 3421 | 3422 | rBV  | 574     | 339     | 0.00%  | 0.001% |
| 79 | 12.265 | 3484 | 3491 | 3496 | rVB6 | 1932    | 2503    | 0.03%  | 0.007% |
| 80 | 12.374 | 3523 | 3525 | 3527 | rBV6 | 526     | 336     | 0.00%  | 0.001% |
| 81 | 12.882 | 3680 | 3683 | 3684 | rBV2 | 580     | 321     | 0.00%  | 0.001% |
| 82 | 12.911 | 3689 | 3692 | 3694 | rBV3 | 588     | 399     | 0.00%  | 0.001% |
| 83 | 13.162 | 3768 | 3770 | 3773 | rBV2 | 703     | 336     | 0.00%  | 0.001% |
| 84 | 13.175 | 3773 | 3774 | 3776 | rBV2 | 603     | 265     | 0.00%  | 0.001% |
| 85 | 13.998 | 4028 | 4030 | 4031 | rBV  | 1040    | 448     | 0.00%  | 0.001% |

Sum of corrected areas: 33762895

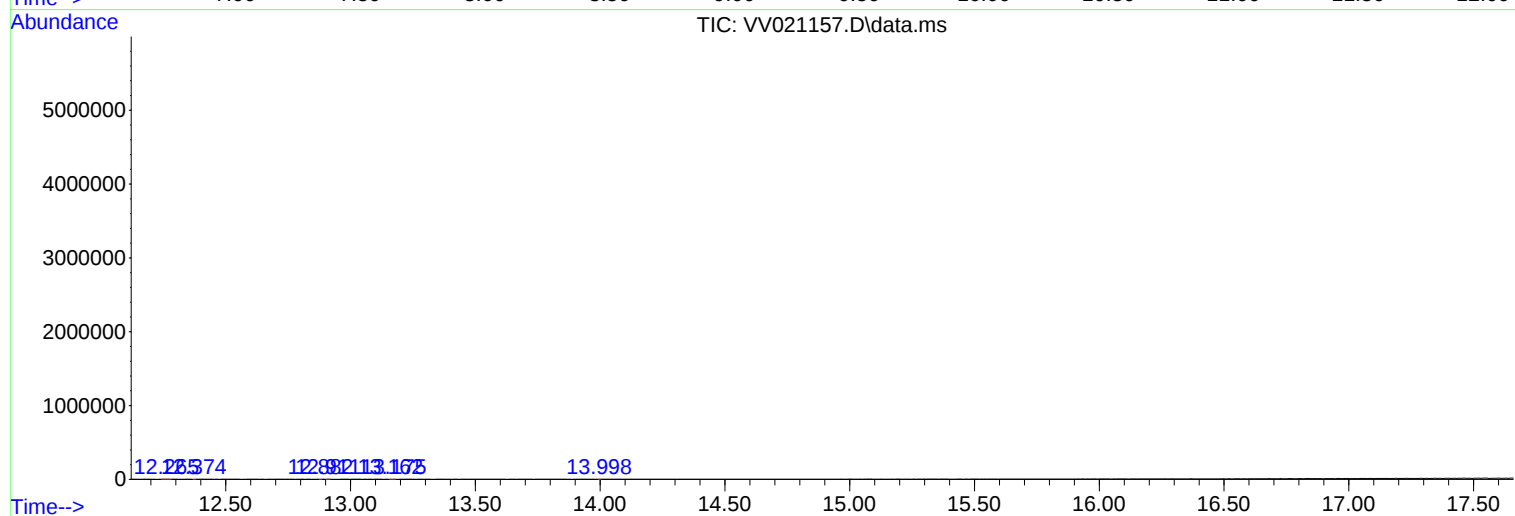
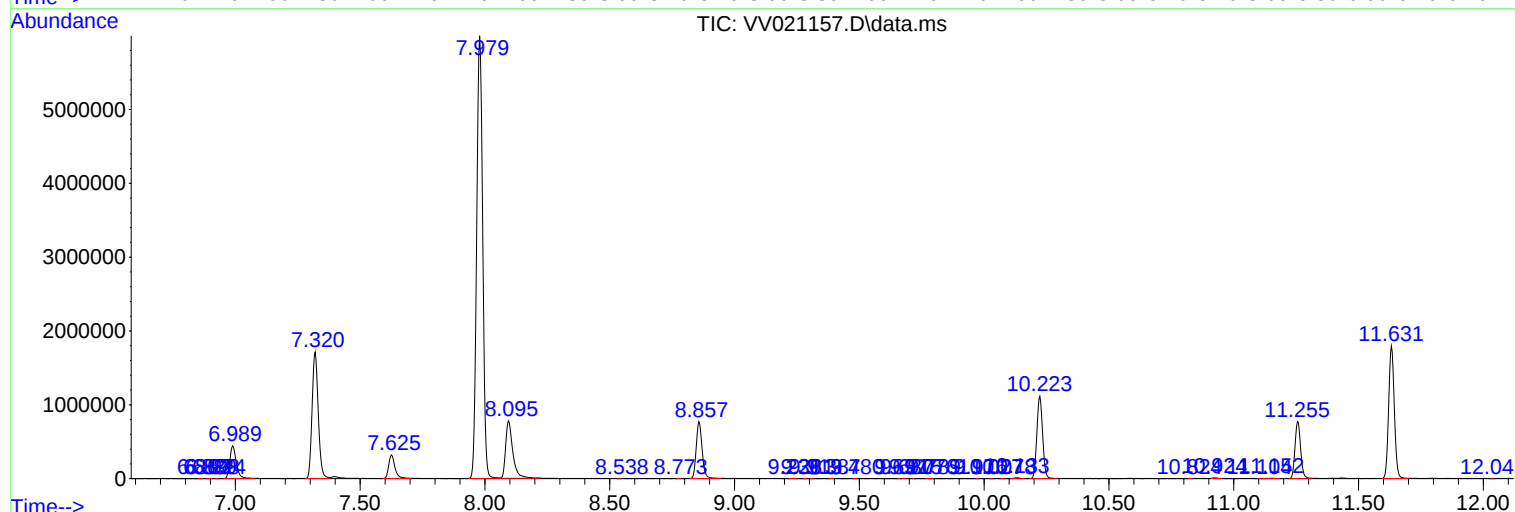
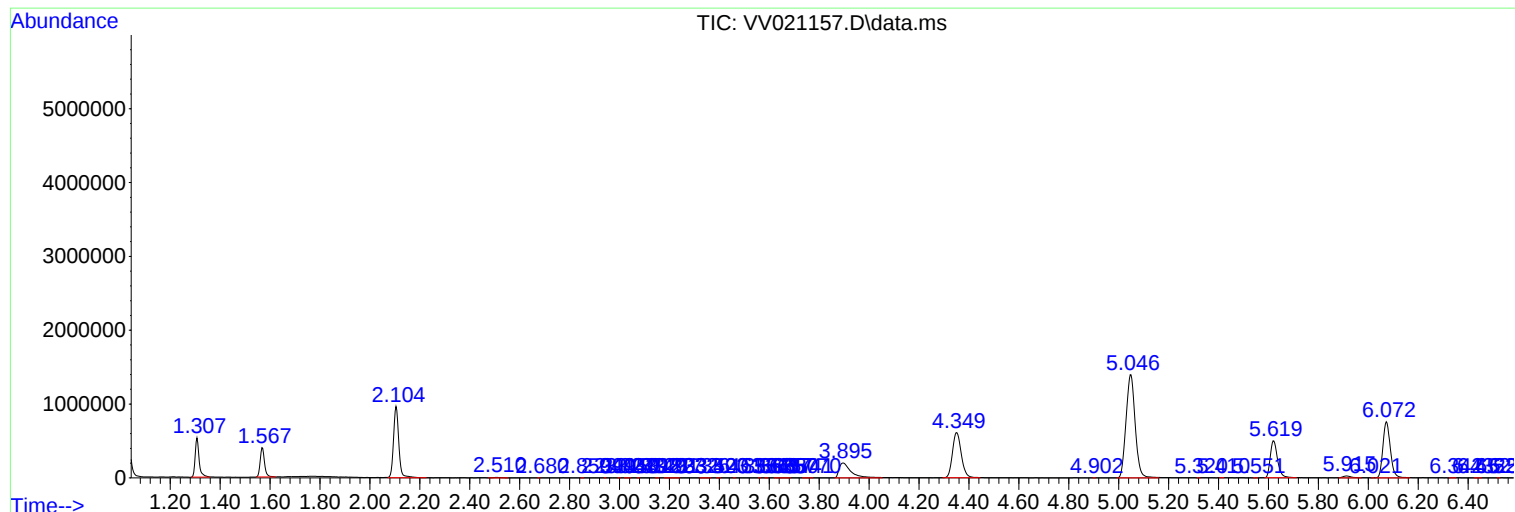
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV042621\  
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Instrument :  
MSVOA\_V  
ClientSampleId :  
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM042121WMA.M  
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L

TIC Integration Parameters: LSCINT.P



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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L  
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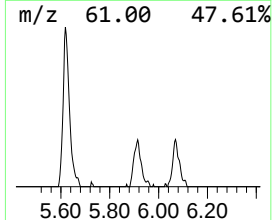
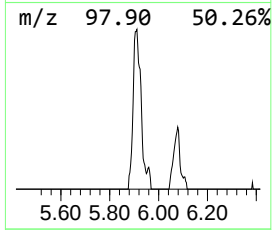
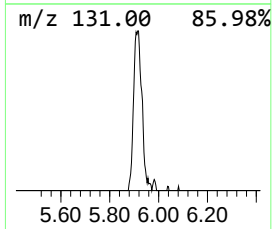
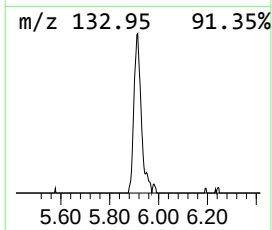
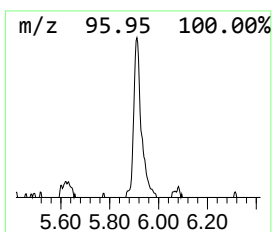
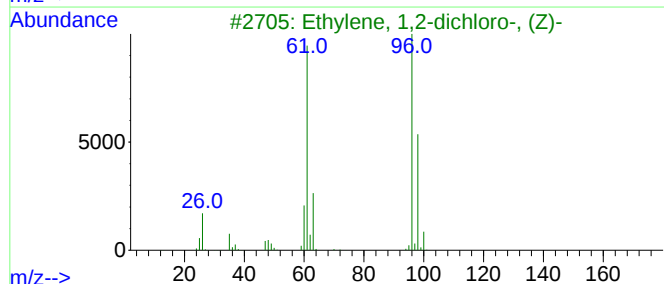
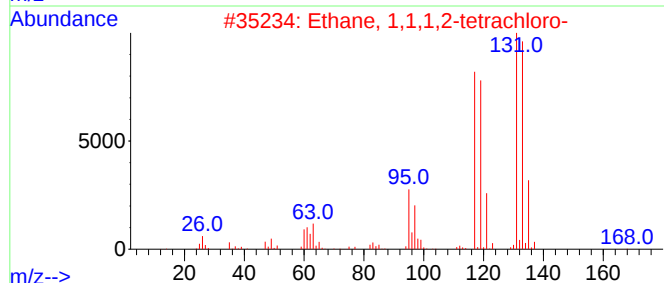
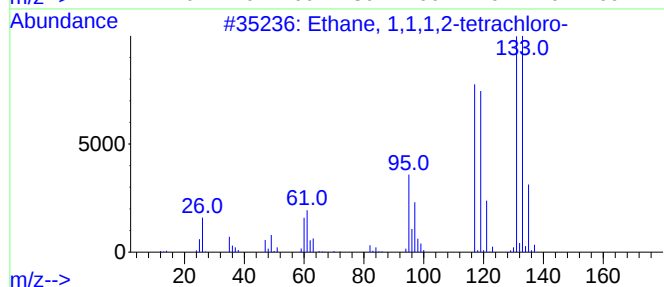
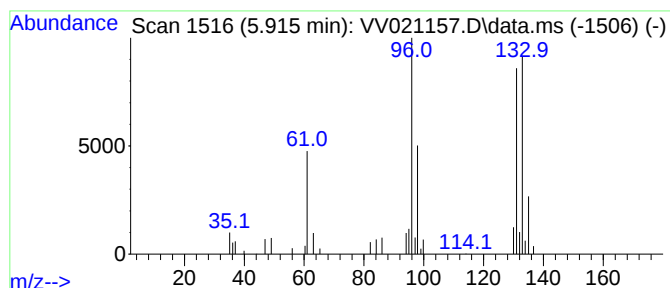
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Peak Number 1 unknown-01 Concentration Rank 2

| R.T.  | EstConc   | Area  | Relative to ISTD    | R.T.  |
|-------|-----------|-------|---------------------|-------|
| 5.915 | 2.76 ug/L | 55963 | 1,4-Difluorobenzene | 5.619 |

| Hit# | of 5 | Tentative ID                  | MW  | MolForm | CAS#        | Qual |
|------|------|-------------------------------|-----|---------|-------------|------|
| 1    |      | Ethane, 1,1,1,2-tetrachloro-  | 166 | C2H2Cl4 | 000630-20-6 | 37   |
| 2    |      | Ethane, 1,1,1,2-tetrachloro-  | 166 | C2H2Cl4 | 000630-20-6 | 20   |
| 3    |      | Ethylene, 1,2-dichloro-, (Z)- | 96  | C2H2Cl2 | 000156-59-2 | 16   |
| 4    |      | 1H-Benzimidazol-5-amine       | 133 | C7H7N3  | 000934-22-5 | 9    |
| 5    |      | Benzene, fluoro-              | 96  | C6H5F   | 000462-06-6 | 9    |



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TIC Integration Parameters: LSCINT.P

| TIC Top Hit name | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                  |       |         |       |          | #                     | RT    | Resp    | Conc |
| unknown-01       | 5.915 | 2.8     | ug/L  | 55963    | 1                     | 5.619 | 1015050 | 50.0 |