

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV032624\  
 Data File : VV034836.D  
 Acq On : 26 Mar 2024 18:41  
 Operator : SY/MD  
 Sample : P1851-07  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 E0LX6

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\SFAMVLM032624WMA.M  
 Title : VOC Analysis

Signal : TIC: VV034836.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          | 91           | rVB      | 202466         | 213608        | 16.32%          | 2.206%        |
| 2         | 1.532       | 146           | 153         | 165          | rVB      | 177245         | 205619        | 15.71%          | 2.124%        |
| 3         | 2.060       | 308           | 317         | 332          | rBV      | 329338         | 473092        | 36.15%          | 4.887%        |
| 4         | 2.757       | 532           | 534         | 536          | rBV3     | 441            | 175           | 0.01%           | 0.002%        |
| 5         | 2.806       | 546           | 549         | 552          | rBV      | 348            | 267           | 0.02%           | 0.003%        |
| 6         | 2.851       | 560           | 563         | 564          | rBV      | 297            | 158           | 0.01%           | 0.002%        |
| 7         | 3.015       | 610           | 614         | 618          | rBV4     | 584            | 384           | 0.03%           | 0.004%        |
| 8         | 3.034       | 618           | 620         | 626          | rVB3     | 451            | 436           | 0.03%           | 0.005%        |
| 9         | 3.166       | 658           | 661         | 665          | rBV2     | 437            | 330           | 0.03%           | 0.003%        |
| 10        | 3.192       | 665           | 669         | 671          | rBV2     | 363            | 283           | 0.02%           | 0.003%        |
| 11        | 3.298       | 699           | 702         | 704          | rVB2     | 363            | 186           | 0.01%           | 0.002%        |
| 12        | 3.314       | 704           | 707         | 708          | rBV      | 377            | 187           | 0.01%           | 0.002%        |
| 13        | 3.339       | 713           | 715         | 719          | rBV2     | 161            | 125           | 0.01%           | 0.001%        |
| 14        | 3.404       | 732           | 735         | 739          | rBV2     | 619            | 470           | 0.04%           | 0.005%        |
| 15        | 3.452       | 744           | 750         | 752          | rVB2     | 435            | 383           | 0.03%           | 0.004%        |
| 16        | 3.474       | 753           | 757         | 759          | rBV3     | 334            | 232           | 0.02%           | 0.002%        |
| 17        | 3.507       | 764           | 767         | 769          | rBV2     | 389            | 266           | 0.02%           | 0.003%        |
| 18        | 3.581       | 787           | 790         | 792          | rBV      | 260            | 115           | 0.01%           | 0.001%        |
| 19        | 3.606       | 796           | 798         | 800          | rBV2     | 325            | 119           | 0.01%           | 0.001%        |
| 20        | 3.645       | 807           | 810         | 813          | rBV2     | 248            | 237           | 0.02%           | 0.002%        |
| 21        | 3.741       | 836           | 840         | 843          | rBV3     | 511            | 399           | 0.03%           | 0.004%        |
| 22        | 3.790       | 846           | 855         | 899          | rBV      | 87894          | 268105        | 20.49%          | 2.769%        |
| 23        | 4.246       | 984           | 997         | 1026         | rBV      | 199375         | 505484        | 38.63%          | 5.221%        |
| 24        | 4.661       | 1124          | 1126        | 1129         | rVB2     | 400            | 147           | 0.01%           | 0.002%        |
| 25        | 4.709       | 1138          | 1141        | 1145         | rBV2     | 447            | 281           | 0.02%           | 0.003%        |
| 26        | 4.786       | 1161          | 1165        | 1172         | rVB4     | 609            | 499           | 0.04%           | 0.005%        |
| 27        | 4.815       | 1173          | 1174        | 1179         | rVB3     | 225            | 129           | 0.01%           | 0.001%        |
| 28        | 4.841       | 1179          | 1182        | 1183         | rBV      | 288            | 159           | 0.01%           | 0.002%        |
| 29        | 4.954       | 1202          | 1217        | 1250         | rBV2     | 491311         | 1308648       | 100.00%         | 13.517%       |
| 30        | 5.420       | 1359          | 1362        | 1363         | rBV2     | 409            | 260           | 0.02%           | 0.003%        |
| 31        | 5.481       | 1379          | 1381        | 1382         | rBV      | 476            | 209           | 0.02%           | 0.002%        |
| 32        | 5.535       | 1388          | 1398        | 1432         | rBV      | 231786         | 491762        | 37.58%          | 5.080%        |
| 33        | 5.838       | 1482          | 1492        | 1503         | rBV9     | 5372           | 11810         | 0.90%           | 0.122%        |
| 34        | 5.989       | 1526          | 1539        | 1567         | rVV      | 284515         | 596585        | 45.59%          | 6.162%        |
| 35        | 6.291       | 1631          | 1633        | 1635         | rBV2     | 581            | 305           | 0.02%           | 0.003%        |
| 36        | 6.465       | 1684          | 1687        | 1689         | rBV      | 339            | 218           | 0.02%           | 0.002%        |

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 ClientSampleId :  
 E0LX6

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\SFAMVLM032624WMA.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |         |        |         |
|----|--------|------|------|------|------|--------|---------|--------|---------|
| 37 | 6.481  | 1690 | 1692 | 1695 | rVB  | 393    | 154     | 0.01%  | 0.002%  |
| 38 | 6.497  | 1695 | 1697 | 1700 | rVB2 | 513    | 310     | 0.02%  | 0.003%  |
| 39 | 6.519  | 1700 | 1704 | 1711 | rBV3 | 473    | 513     | 0.04%  | 0.005%  |
| 40 | 6.558  | 1712 | 1716 | 1717 | rBV  | 456    | 356     | 0.03%  | 0.004%  |
| 41 | 6.613  | 1730 | 1733 | 1734 | rBV2 | 310    | 135     | 0.01%  | 0.001%  |
| 42 | 6.625  | 1734 | 1737 | 1739 | rVV2 | 429    | 208     | 0.02%  | 0.002%  |
| 43 | 6.651  | 1741 | 1745 | 1748 | rVV3 | 523    | 484     | 0.04%  | 0.005%  |
| 44 | 6.687  | 1753 | 1756 | 1760 | rBV3 | 584    | 536     | 0.04%  | 0.006%  |
| 45 | 6.751  | 1774 | 1776 | 1778 | rVV2 | 303    | 119     | 0.01%  | 0.001%  |
| 46 | 6.770  | 1779 | 1782 | 1784 | rVB2 | 385    | 176     | 0.01%  | 0.002%  |
| 47 | 6.867  | 1811 | 1812 | 1816 | rVB  | 274    | 148     | 0.01%  | 0.002%  |
| 48 | 6.912  | 1816 | 1826 | 1855 | rBV  | 146749 | 286288  | 21.88% | 2.957%  |
| 49 | 7.243  | 1918 | 1929 | 1955 | rBV  | 571419 | 1008192 | 77.04% | 10.414% |
| 50 | 7.555  | 2016 | 2026 | 2055 | rBV2 | 97604  | 190917  | 14.59% | 1.972%  |
| 51 | 7.838  | 2112 | 2114 | 2119 | rVB4 | 436    | 333     | 0.03%  | 0.003%  |
| 52 | 7.863  | 2119 | 2122 | 2127 | rBV5 | 644    | 757     | 0.06%  | 0.008%  |
| 53 | 7.934  | 2141 | 2144 | 2147 | rBV2 | 342    | 220     | 0.02%  | 0.002%  |
| 54 | 8.024  | 2163 | 2172 | 2207 | rBV  | 274129 | 568862  | 43.47% | 5.876%  |
| 55 | 8.484  | 2314 | 2315 | 2320 | rBV2 | 547    | 202     | 0.02%  | 0.002%  |
| 56 | 8.629  | 2358 | 2360 | 2364 | rBV2 | 425    | 365     | 0.03%  | 0.004%  |
| 57 | 8.680  | 2373 | 2376 | 2377 | rBV2 | 409    | 250     | 0.02%  | 0.003%  |
| 58 | 8.715  | 2385 | 2387 | 2389 | rBV  | 391    | 190     | 0.01%  | 0.002%  |
| 59 | 8.786  | 2397 | 2409 | 2442 | rBV  | 369220 | 650675  | 49.72% | 6.721%  |
| 60 | 9.211  | 2538 | 2541 | 2544 | rBV2 | 397    | 287     | 0.02%  | 0.003%  |
| 61 | 9.230  | 2544 | 2547 | 2548 | rBV3 | 711    | 327     | 0.02%  | 0.003%  |
| 62 | 9.246  | 2550 | 2552 | 2556 | rVB3 | 955    | 570     | 0.04%  | 0.006%  |
| 63 | 9.336  | 2577 | 2580 | 2583 | rVB2 | 458    | 242     | 0.02%  | 0.002%  |
| 64 | 9.371  | 2588 | 2591 | 2592 | rBV2 | 641    | 313     | 0.02%  | 0.003%  |
| 65 | 9.487  | 2621 | 2627 | 2635 | rBV7 | 2181   | 3537    | 0.27%  | 0.037%  |
| 66 | 9.641  | 2662 | 2675 | 2683 | rVB5 | 5345   | 9732    | 0.74%  | 0.101%  |
| 67 | 9.731  | 2695 | 2703 | 2715 | rBV9 | 3830   | 7541    | 0.58%  | 0.078%  |
| 68 | 9.834  | 2732 | 2735 | 2736 | rBV  | 391    | 220     | 0.02%  | 0.002%  |
| 69 | 9.870  | 2740 | 2746 | 2755 | rVV6 | 3331   | 5165    | 0.39%  | 0.053%  |
| 70 | 9.966  | 2774 | 2776 | 2780 | rBV2 | 299    | 269     | 0.02%  | 0.003%  |
| 71 | 9.992  | 2782 | 2784 | 2786 | rVV2 | 389    | 183     | 0.01%  | 0.002%  |
| 72 | 10.021 | 2791 | 2793 | 2794 | rBV  | 532    | 236     | 0.02%  | 0.002%  |
| 73 | 10.108 | 2817 | 2820 | 2822 | rBV4 | 595    | 399     | 0.03%  | 0.004%  |
| 74 | 10.153 | 2822 | 2834 | 2854 | rBV  | 387981 | 629138  | 48.08% | 6.499%  |
| 75 | 10.500 | 2932 | 2942 | 2953 | rBV5 | 19499  | 34376   | 2.63%  | 0.355%  |
| 76 | 10.587 | 2967 | 2969 | 2973 | rBV2 | 356    | 261     | 0.02%  | 0.003%  |

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Instrument :  
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 ClientSampleId :  
 E0LX6

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\SFAMVLM032624WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |       |        |        |        |        |
|-----|--------|------|------|------|-------|--------|--------|--------|--------|
| 77  | 10.606 | 2973 | 2975 | 2978 | rBV2  | 347    | 214    | 0.02%  | 0.002% |
| 78  | 10.622 | 2978 | 2980 | 2983 | rBV2  | 762    | 403    | 0.03%  | 0.004% |
| 79  | 10.667 | 2986 | 2994 | 3004 | rBV10 | 4481   | 9485   | 0.72%  | 0.098% |
| 80  | 10.802 | 3030 | 3036 | 3044 | rBV6  | 3292   | 4154   | 0.32%  | 0.043% |
| 81  | 10.995 | 3090 | 3096 | 3101 | rBV2  | 7342   | 10352  | 0.79%  | 0.107% |
| 82  | 11.127 | 3134 | 3137 | 3145 | rVB7  | 1941   | 2413   | 0.18%  | 0.025% |
| 83  | 11.185 | 3145 | 3155 | 3181 | rBV   | 377142 | 609109 | 46.54% | 6.292% |
| 84  | 11.391 | 3214 | 3219 | 3231 | rVB   | 9374   | 12794  | 0.98%  | 0.132% |
| 85  | 11.465 | 3232 | 3242 | 3257 | rBV   | 58767  | 106461 | 8.14%  | 1.100% |
| 86  | 11.558 | 3261 | 3271 | 3295 | rVB   | 585309 | 946960 | 72.36% | 9.781% |
| 87  | 11.683 | 3304 | 3310 | 3322 | rVB3  | 16375  | 25070  | 1.92%  | 0.259% |
| 88  | 11.956 | 3387 | 3395 | 3414 | rVB2  | 56356  | 108055 | 8.26%  | 1.116% |
| 89  | 12.053 | 3417 | 3425 | 3438 | rBV2  | 28023  | 49778  | 3.80%  | 0.514% |
| 90  | 12.320 | 3501 | 3508 | 3509 | rBV5  | 5537   | 5350   | 0.41%  | 0.055% |
| 91  | 12.352 | 3511 | 3518 | 3532 | rVB   | 57657  | 88346  | 6.75%  | 0.913% |
| 92  | 12.526 | 3570 | 3572 | 3577 | rBV4  | 647    | 471    | 0.04%  | 0.005% |
| 93  | 12.818 | 3653 | 3663 | 3676 | rBV3  | 99199  | 156704 | 11.97% | 1.619% |
| 94  | 13.098 | 3745 | 3750 | 3751 | rBV4  | 983    | 733    | 0.06%  | 0.008% |
| 95  | 13.210 | 3777 | 3785 | 3794 | rBV3  | 16587  | 24544  | 1.88%  | 0.254% |
| 96  | 13.407 | 3841 | 3846 | 3848 | rBV4  | 801    | 730    | 0.06%  | 0.008% |
| 97  | 13.661 | 3915 | 3925 | 3927 | rBV4  | 2218   | 3651   | 0.28%  | 0.038% |
| 98  | 13.847 | 3976 | 3983 | 3994 | rBV4  | 4650   | 7396   | 0.57%  | 0.076% |
| 99  | 14.034 | 4033 | 4041 | 4050 | rVB5  | 4128   | 6984   | 0.53%  | 0.072% |
| 100 | 14.169 | 4075 | 4083 | 4097 | rBV   | 10579  | 16229  | 1.24%  | 0.168% |

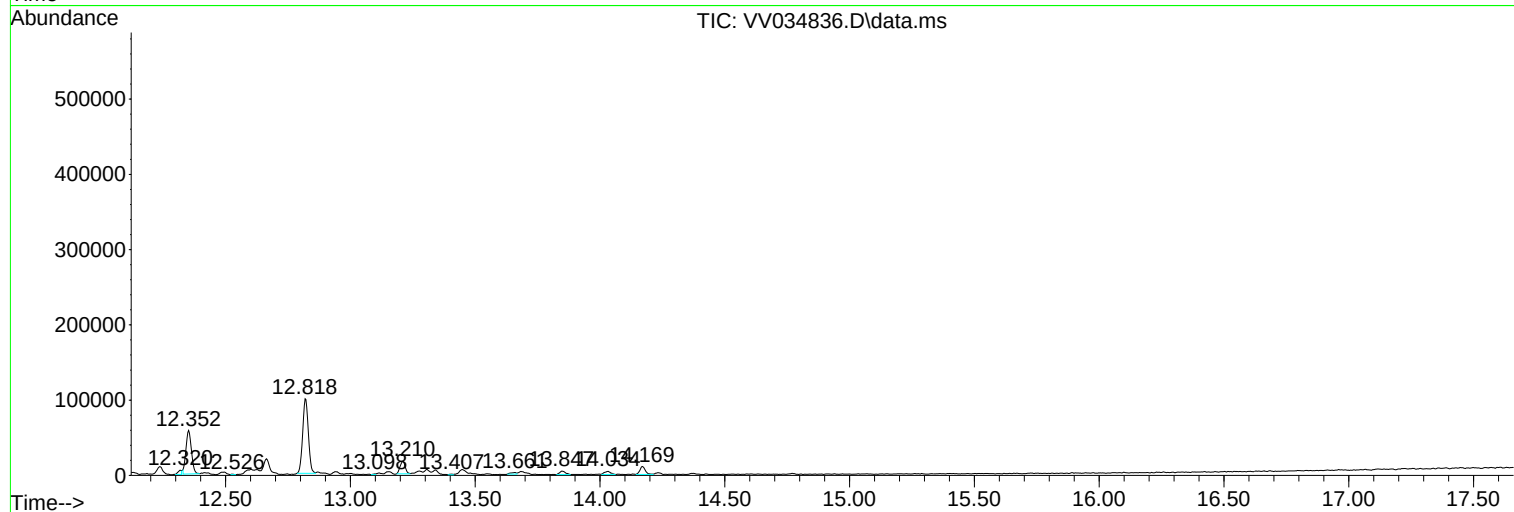
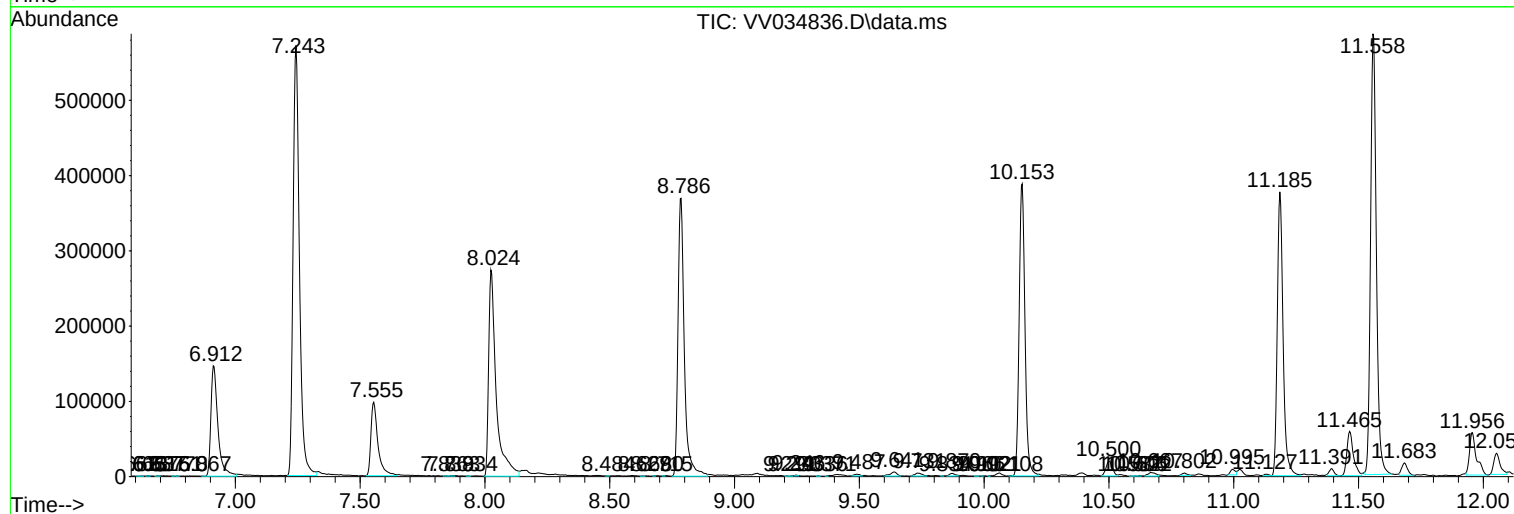
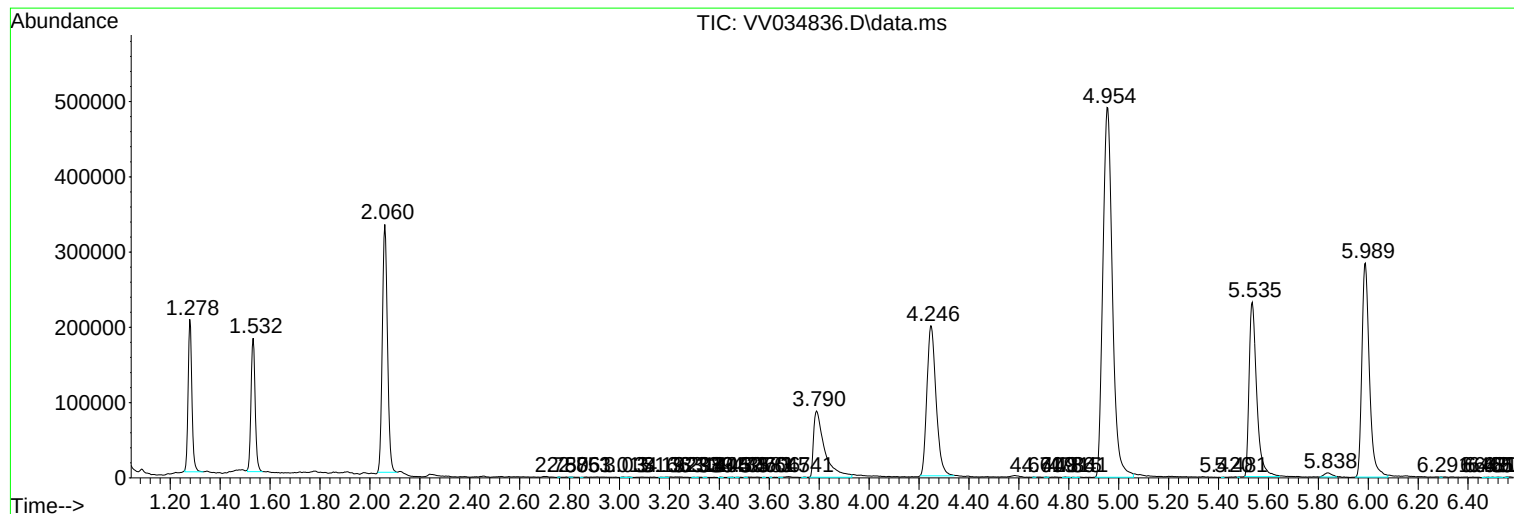
Sum of corrected areas: 9681244

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Instrument :  
MSVOA\_V  
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E0LX6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM032624WMA.M  
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV032624\  
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Instrument :  
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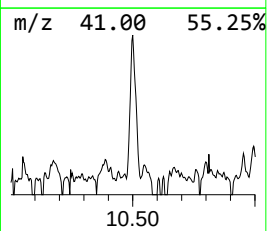
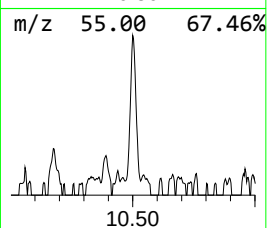
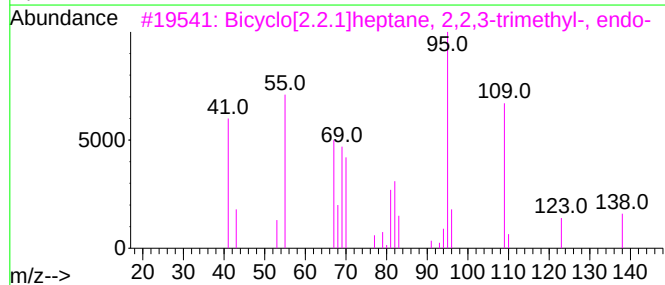
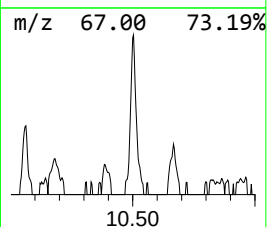
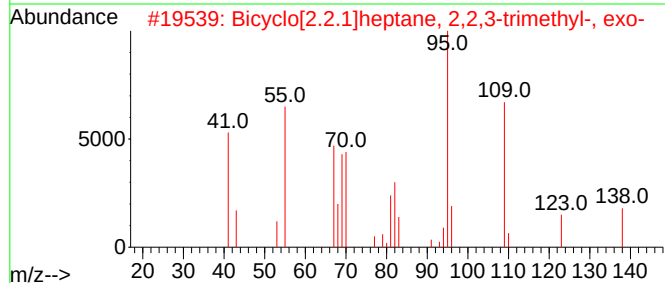
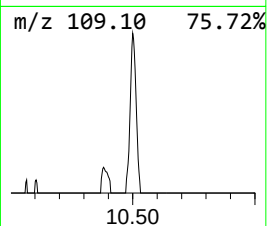
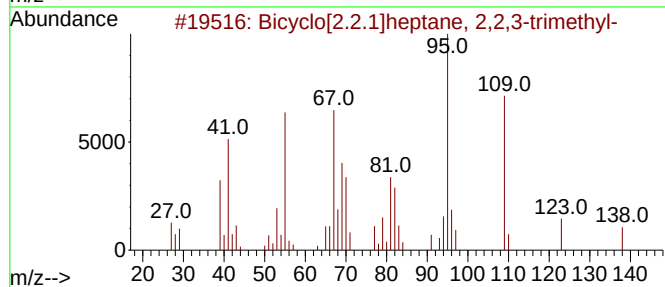
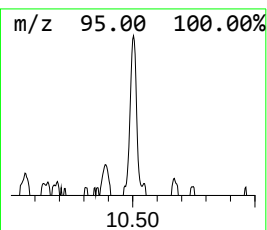
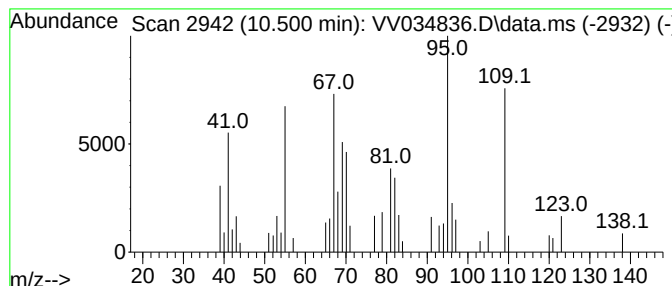
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM032624WMA.M  
Quant Title : VOC Analysis

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

\*\*\*\*\*  
Peak Number 2 Bicyclo[2.2.1]heptane, 2,2,... Concentration Rank 7

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 10.500 | 2.82 ug/L | 34376 | 1,4-Dichlorobenzene-d4 | 11.185 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Bicyclo[2.2.1]heptane, 2,2,3-tri... | 138 | C10H18  | 000473-19-8 | 96   |
| 2    |    |   | Bicyclo[2.2.1]heptane, 2,2,3-tri... | 138 | C10H18  | 020536-41-8 | 83   |
| 3    |    |   | Bicyclo[2.2.1]heptane, 2,2,3-tri... | 138 | C10H18  | 020536-40-7 | 81   |
| 4    |    |   | Bicyclo[2.2.1]heptane, 1,7,7-tri... | 138 | C10H18  | 000464-15-3 | 46   |
| 5    |    |   | Cyclopentane, (3-methylbutylidene)- | 138 | C10H18  | 053366-51-1 | 46   |



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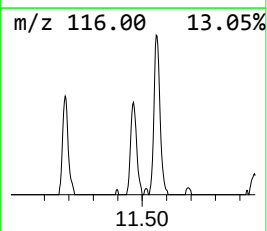
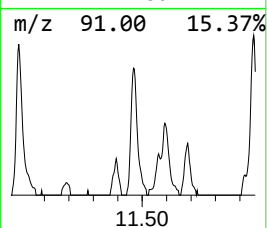
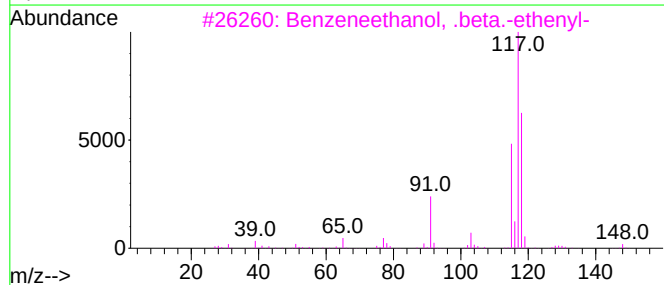
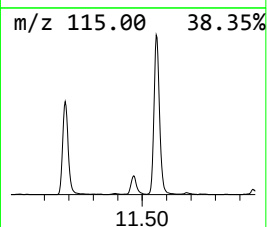
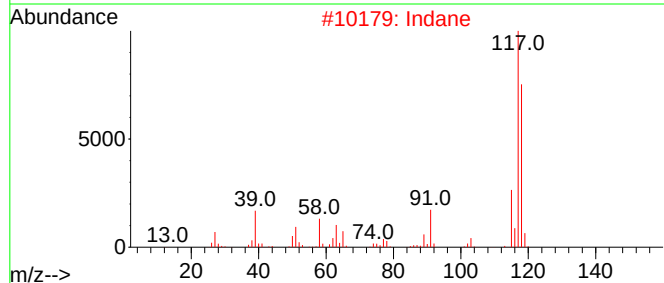
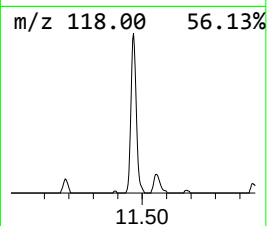
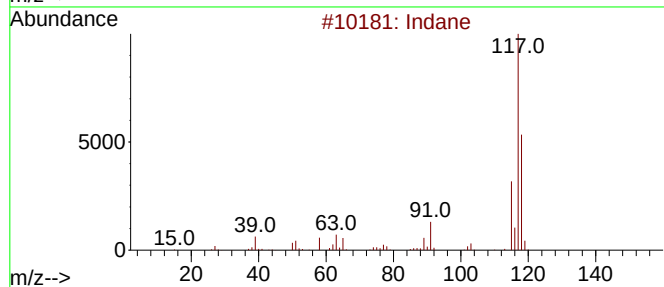
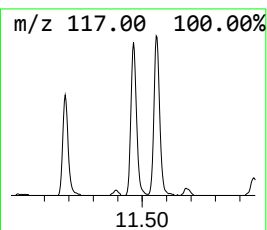
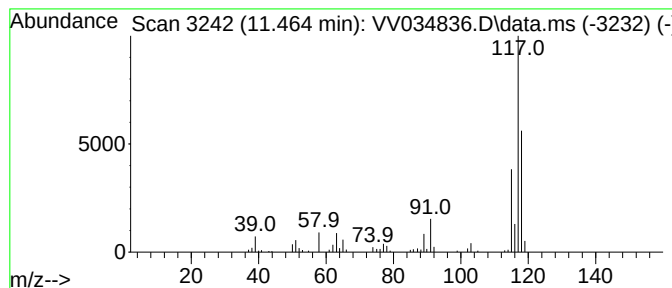
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM032624WMA.M  
Quant Title : VOC Analysis

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

\*\*\*\*\*  
Peak Number 3 Indane Concentration Rank 4

| R.T.   | EstConc   | Area   | Relative to ISTD       | R.T.   |
|--------|-----------|--------|------------------------|--------|
| 11.464 | 8.74 ug/L | 106461 | 1,4-Dichlorobenzene-d4 | 11.185 |

| Hit# | of                              | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|---------------------------------|---|--------------|-----|---------|-------------|------|
| 1    | Indane                          |   |              | 118 | C9H10   | 000496-11-7 | 94   |
| 2    | Indane                          |   |              | 118 | C9H10   | 000496-11-7 | 90   |
| 3    | Benzeneethanol, .beta.-ethenyl- |   |              | 148 | C10H12O | 006052-63-7 | 86   |
| 4    | Indane                          |   |              | 118 | C9H10   | 000496-11-7 | 81   |
| 5    | Deltacyclene                    |   |              | 118 | C9H10   | 007785-10-6 | 64   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV032624\  
Data File : VV034836.D  
Acq On : 26 Mar 2024 18:41  
Operator : SY/MD  
Sample : P1851-07  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
E0LX6

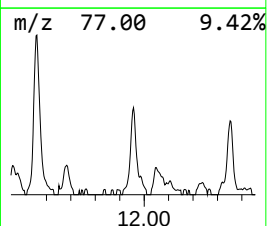
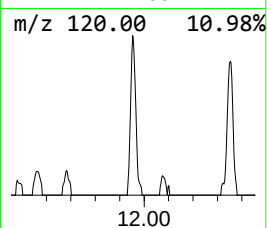
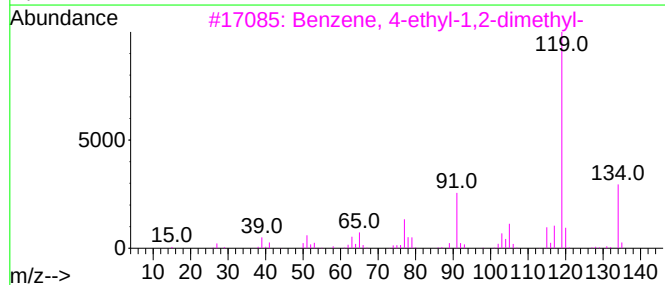
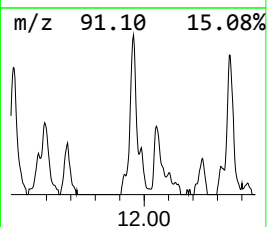
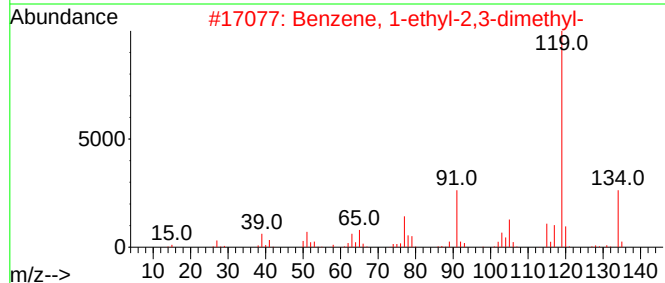
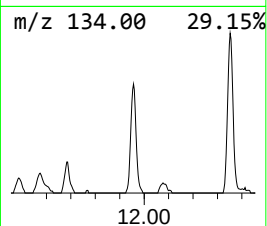
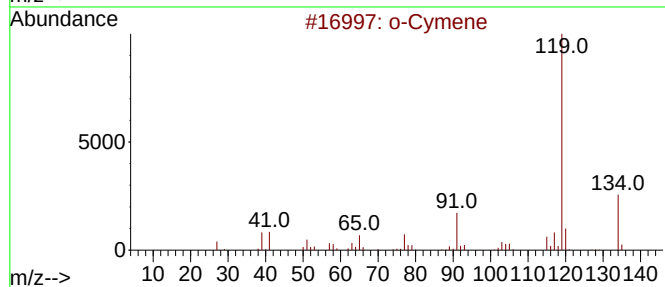
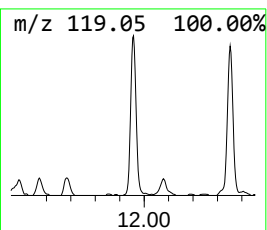
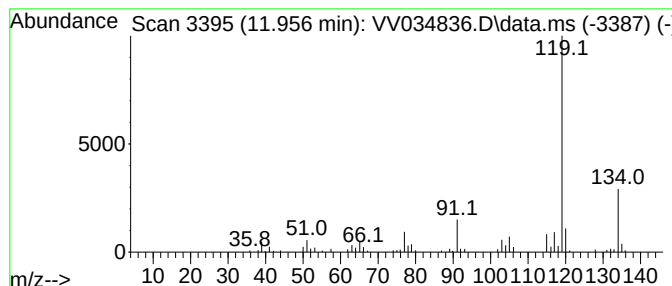
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Quant Title : VOC Analysis

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

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Peak Number 4 o-Cymene Concentration Rank 3

| R.T.   | EstConc   | Area   | Relative to ISTD       | R.T.   |
|--------|-----------|--------|------------------------|--------|
| 11.956 | 8.87 ug/L | 108055 | 1,4-Dichlorobenzene-d4 | 11.185 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------------|-----|---------|-------------|------|
| 1    |    |   | o-Cymene                       | 134 | C10H14  | 000527-84-4 | 97   |
| 2    |    |   | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14  | 000933-98-2 | 96   |
| 3    |    |   | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14  | 000934-80-5 | 95   |
| 4    |    |   | o-Cymene                       | 134 | C10H14  | 000527-84-4 | 94   |
| 5    |    |   | Benzene, 1-ethyl-2,4-dimethyl- | 134 | C10H14  | 000874-41-9 | 94   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV032624\  
Data File : VV034836.D  
Acq On : 26 Mar 2024 18:41  
Operator : SY/MD  
Sample : P1851-07  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
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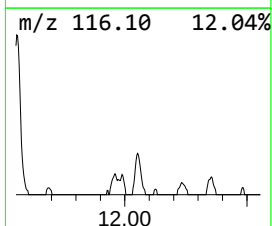
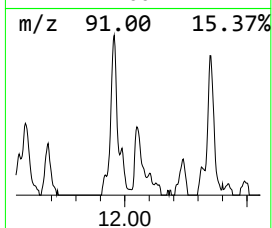
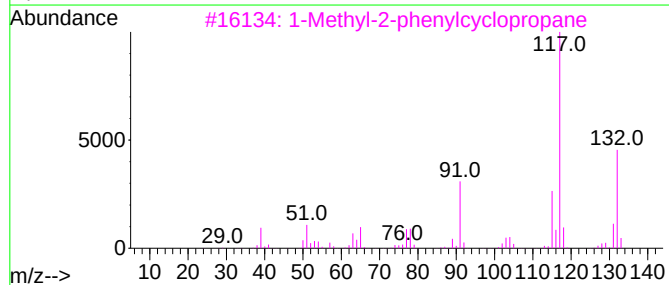
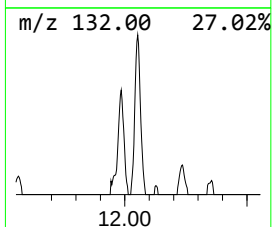
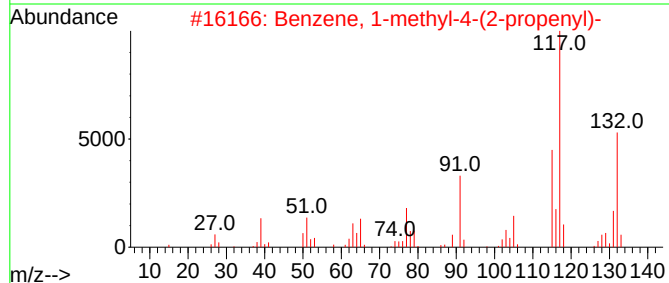
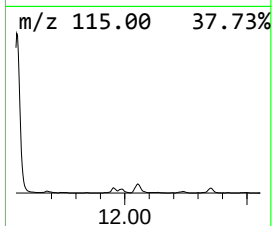
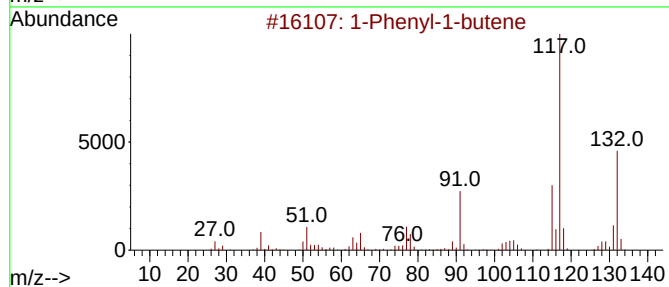
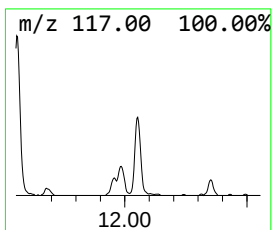
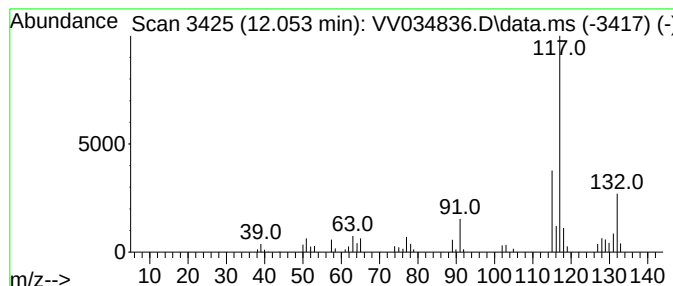
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Quant Title : VOC Analysis

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

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Peak Number 5 1-Phenyl-1-butene Concentration Rank 6

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 12.053 | 4.09 ug/L | 49778 | 1,4-Dichlorobenzene-d4 | 11.185 |

| Hit# | of | 5 | Tentative ID                      | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------------|-----|---------|-------------|------|
| 1    |    |   | 1-Phenyl-1-butene                 | 132 | C10H12  | 000824-90-8 | 91   |
| 2    |    |   | Benzene, 1-methyl-4-(2-propenyl)- | 132 | C10H12  | 003333-13-9 | 90   |
| 3    |    |   | 1-Methyl-2-phenylcyclopropane     | 132 | C10H12  | 003145-76-4 | 87   |
| 4    |    |   | Benzene, 1-methyl-2-(2-propenyl)- | 132 | C10H12  | 001587-04-8 | 87   |
| 5    |    |   | Benzene, 2-butenyl-               | 132 | C10H12  | 001560-06-1 | 87   |





Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV032624\  
Data File : VV034836.D  
Acq On : 26 Mar 2024 18:41  
Operator : SY/MD  
Sample : P1851-07  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
EOLX6

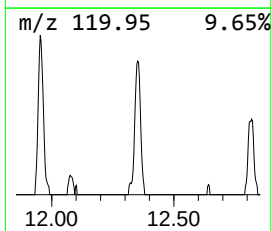
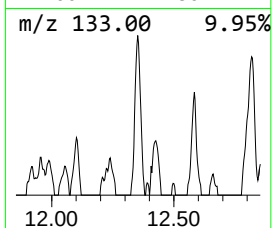
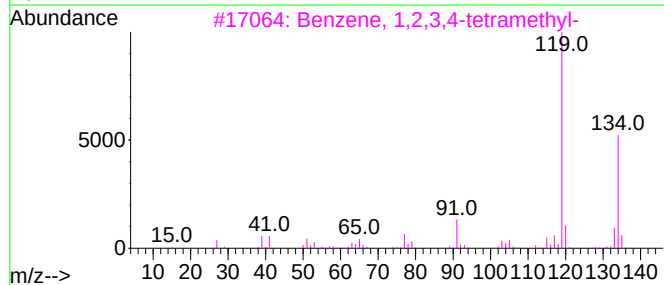
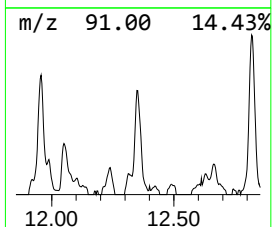
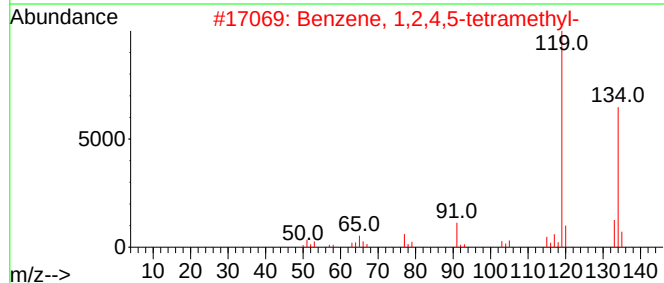
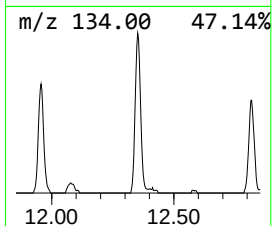
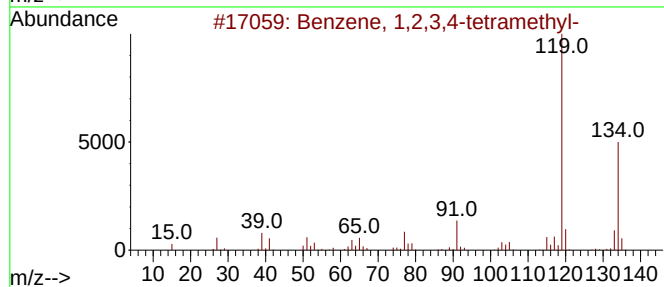
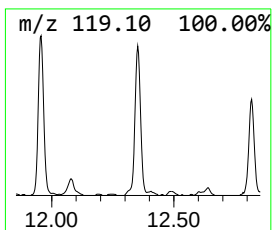
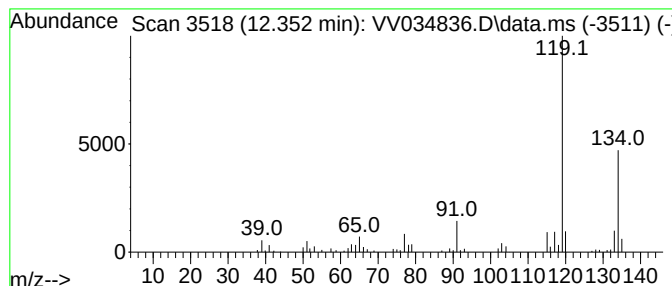
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Quant Title : VOC Analysis

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

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Peak Number 6 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 5

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 12.352 | 7.25 ug/L | 88346 | 1,4-Dichlorobenzene-d4 | 11.185 |

| Hit# | of | 5 | Tentative ID                  | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1,2,3,4-tetramethyl- | 134 | C10H14  | 000488-23-3 | 95   |
| 2    |    |   | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14  | 000095-93-2 | 94   |
| 3    |    |   | Benzene, 1,2,3,4-tetramethyl- | 134 | C10H14  | 000488-23-3 | 94   |
| 4    |    |   | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14  | 000095-93-2 | 94   |
| 5    |    |   | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14  | 000095-93-2 | 94   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV032624\  
Data File : VV034836.D  
Acq On : 26 Mar 2024 18:41  
Operator : SY/MD  
Sample : P1851-07  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
E0LX6

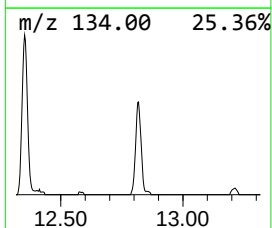
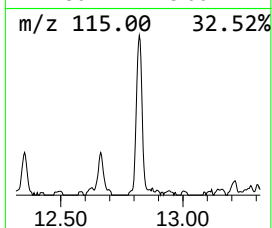
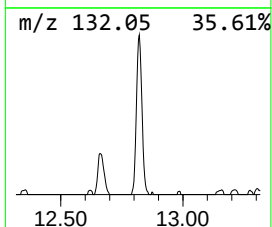
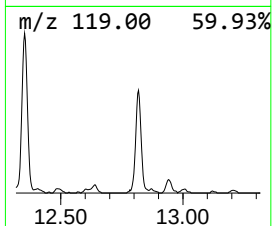
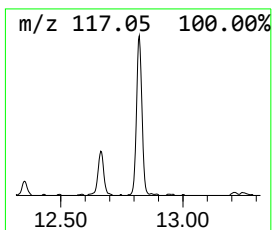
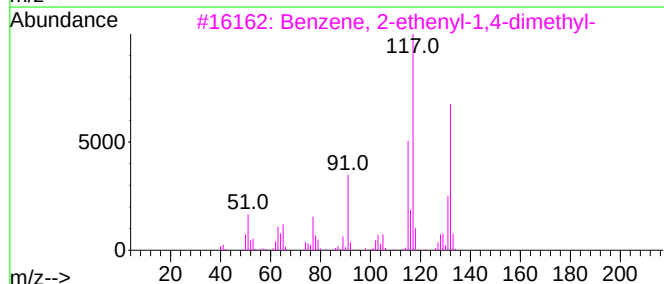
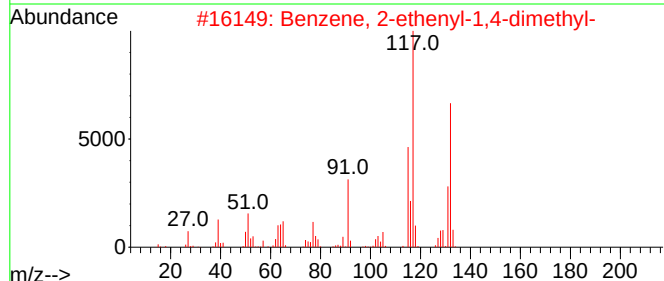
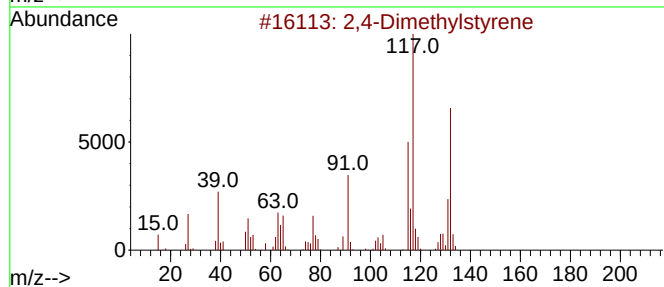
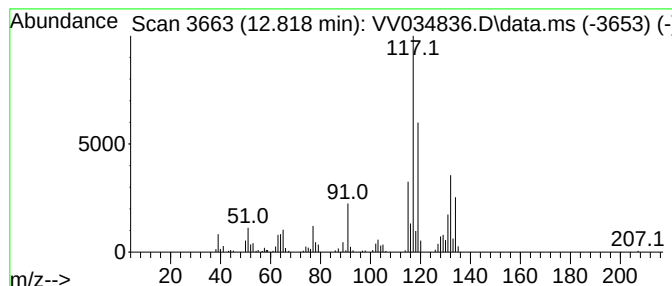
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Quant Title : VOC Analysis

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

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Peak Number 7 2,4-Dimethylstyrene Concentration Rank 2

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 12.818 | 12.86 ug/L | 156704 | 1,4-Dichlorobenzene-d4 | 11.185 |

| Hit# | of | 5 | Tentative ID                      | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------------|-----|---------|-------------|------|
| 1    |    |   | 2,4-Dimethylstyrene               | 132 | C10H12  | 002234-20-0 | 95   |
| 2    |    |   | Benzene, 2-ethenyl-1,4-dimethyl-  | 132 | C10H12  | 002039-89-6 | 95   |
| 3    |    |   | Benzene, 2-ethenyl-1,4-dimethyl-  | 132 | C10H12  | 002039-89-6 | 95   |
| 4    |    |   | Benzene, 1-methyl-4-(2-propenyl)- | 132 | C10H12  | 003333-13-9 | 86   |
| 5    |    |   | 1H-Indene, 2,3-dihydro-2-methyl-  | 132 | C10H12  | 000824-63-5 | 70   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV032624\  
Data File : VV034836.D  
Acq On : 26 Mar 2024 18:41  
Operator : SY/MD  
Sample : P1851-07  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
E0LX6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM032624WMA.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 |
| Bicyclo[2.2.1]h... | 10.500 | 2.8     | ug/L  | 34376    | 3                     | 11.185 | 609109 | 50.0 |
| Indane             | 11.464 | 8.7     | ug/L  | 106461   | 3                     | 11.185 | 609109 | 50.0 |
| o-Cymene           | 11.956 | 8.9     | ug/L  | 108055   | 3                     | 11.185 | 609109 | 50.0 |
| 1-Phenyl-1-butene  | 12.053 | 4.1     | ug/L  | 49778    | 3                     | 11.185 | 609109 | 50.0 |
| Benzene, 1,2,3,... | 12.352 | 7.3     | ug/L  | 88346    | 3                     | 11.185 | 609109 | 50.0 |
| 2,4-Dimethylsty... | 12.818 | 12.9    | ug/L  | 156704   | 3                     | 11.185 | 609109 | 50.0 |