

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU011722\  
 Data File : VU046768.D  
 Acq On : 17 Jan 2022 16:09  
 Operator : SY/MD  
 Sample : N1155-02MEDL 20X  
 Misc : 6.08g/5.0mL/100uL/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BGLT5MEDL

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\SFAMULM010522WMA.M  
 Title : VOC Analysis

Signal : TIC: VU046768.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         | 1.491       | 41            | 47          | 60           | rBV      | 10599          | 11081         | 1.63%           | 0.117%        |
| 2         | 1.601       | 71            | 81          | 100          | rVB      | 78438          | 96272         | 14.17%          | 1.018%        |
| 3         | 1.691       | 104           | 109         | 118          | rVB2     | 1411           | 2013          | 0.30%           | 0.021%        |
| 4         | 1.916       | 170           | 179         | 198          | rVV      | 57648          | 81347         | 11.97%          | 0.861%        |
| 5         | 1.999       | 198           | 205         | 212          | rVB5     | 1961           | 2454          | 0.36%           | 0.026%        |
| 6         | 2.568       | 367           | 382         | 400          | rBV      | 129840         | 218380        | 32.15%          | 2.310%        |
| 7         | 3.591       | 691           | 700         | 709          | rBB3     | 2172           | 3704          | 0.55%           | 0.039%        |
| 8         | 4.636       | 1009          | 1025        | 1048         | rBV      | 58723          | 167255        | 24.62%          | 1.769%        |
| 9         | 5.064       | 1140          | 1158        | 1179         | rBV      | 117115         | 256426        | 37.75%          | 2.713%        |
| 10        | 5.594       | 1316          | 1323        | 1326         | rBV3     | 486            | 514           | 0.08%           | 0.005%        |
| 11        | 5.726       | 1343          | 1364        | 1396         | rBV2     | 245418         | 657855        | 96.84%          | 6.959%        |
| 12        | 6.134       | 1487          | 1491        | 1496         | rBV3     | 646            | 706           | 0.10%           | 0.007%        |
| 13        | 6.250       | 1512          | 1527        | 1551         | rBV      | 253549         | 474821        | 69.90%          | 5.023%        |
| 14        | 6.690       | 1651          | 1664        | 1682         | rBV2     | 148826         | 285912        | 42.09%          | 3.024%        |
| 15        | 6.761       | 1683          | 1686        | 1691         | rVV3     | 1058           | 1180          | 0.17%           | 0.012%        |
| 16        | 6.883       | 1714          | 1724        | 1736         | rBV3     | 2393           | 4664          | 0.69%           | 0.049%        |
| 17        | 7.565       | 1924          | 1936        | 1957         | rBV      | 85292          | 149031        | 21.94%          | 1.576%        |
| 18        | 7.690       | 1968          | 1975        | 1977         | rBV3     | 445            | 485           | 0.07%           | 0.005%        |
| 19        | 7.899       | 2020          | 2040        | 2054         | rBV      | 322229         | 550491        | 81.04%          | 5.823%        |
| 20        | 7.970       | 2054          | 2062        | 2077         | rVV2     | 11192          | 19301         | 2.84%           | 0.204%        |
| 21        | 8.128       | 2107          | 2111        | 2116         | rBB3     | 1116           | 1142          | 0.17%           | 0.012%        |
| 22        | 8.179       | 2116          | 2127        | 2144         | rBV      | 60089          | 102376        | 15.07%          | 1.083%        |
| 23        | 8.636       | 2257          | 2269        | 2291         | rBV      | 226284         | 396417        | 58.36%          | 4.193%        |
| 24        | 8.751       | 2299          | 2305        | 2312         | rBV5     | 1184           | 1516          | 0.22%           | 0.016%        |
| 25        | 8.790       | 2312          | 2317        | 2324         | rVB5     | 1772           | 2612          | 0.38%           | 0.028%        |
| 26        | 8.861       | 2335          | 2339        | 2343         | rBV      | 735            | 750           | 0.11%           | 0.008%        |
| 27        | 8.922       | 2350          | 2358        | 2364         | rVB3     | 1501           | 2139          | 0.31%           | 0.023%        |
| 28        | 9.124       | 2410          | 2421        | 2426         | rBV6     | 1505           | 2209          | 0.33%           | 0.023%        |
| 29        | 9.166       | 2426          | 2434        | 2441         | rVV7     | 1987           | 3766          | 0.55%           | 0.040%        |
| 30        | 9.214       | 2441          | 2449        | 2458         | rVV6     | 4048           | 7508          | 1.11%           | 0.079%        |
| 31        | 9.337       | 2478          | 2487        | 2497         | rVB4     | 3937           | 6645          | 0.98%           | 0.070%        |
| 32        | 9.417       | 2498          | 2512        | 2534         | rBV      | 367255         | 598271        | 88.07%          | 6.329%        |
| 33        | 9.568       | 2548          | 2559        | 2572         | rBV      | 27094          | 42797         | 6.30%           | 0.453%        |
| 34        | 9.694       | 2586          | 2598        | 2608         | rBV      | 60334          | 103084        | 15.17%          | 1.090%        |
| 35        | 9.742       | 2608          | 2613        | 2632         | rVV3     | 12619          | 22897         | 3.37%           | 0.242%        |
| 36        | 9.954       | 2675          | 2679        | 2684         | rBV2     | 505            | 475           | 0.07%           | 0.005%        |

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Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM010522WMA.M  
 Title : VOC Analysis

|    |        |      |      |      |       |        |        |         |        |
|----|--------|------|------|------|-------|--------|--------|---------|--------|
| 37 | 10.022 | 2691 | 2700 | 2711 | rBV7  | 5901   | 12218  | 1.80%   | 0.129% |
| 38 | 10.102 | 2714 | 2725 | 2739 | rVB   | 33476  | 57187  | 8.42%   | 0.605% |
| 39 | 10.166 | 2739 | 2745 | 2755 | rVB7  | 2238   | 3772   | 0.56%   | 0.040% |
| 40 | 10.250 | 2755 | 2771 | 2784 | rBV6  | 9015   | 19323  | 2.84%   | 0.204% |
| 41 | 10.321 | 2784 | 2793 | 2794 | rBV4  | 2195   | 2957   | 0.44%   | 0.031% |
| 42 | 10.353 | 2795 | 2803 | 2811 | rBV5  | 6719   | 11962  | 1.76%   | 0.127% |
| 43 | 10.391 | 2811 | 2815 | 2827 | rVB6  | 6196   | 9894   | 1.46%   | 0.105% |
| 44 | 10.481 | 2827 | 2843 | 2853 | rBV5  | 6091   | 12847  | 1.89%   | 0.136% |
| 45 | 10.555 | 2853 | 2866 | 2874 | rBV6  | 7686   | 15701  | 2.31%   | 0.166% |
| 46 | 10.623 | 2875 | 2887 | 2891 | rBV5  | 9322   | 14895  | 2.19%   | 0.158% |
| 47 | 10.668 | 2891 | 2901 | 2914 | rVB4  | 17093  | 40528  | 5.97%   | 0.429% |
| 48 | 10.758 | 2914 | 2929 | 2940 | rBV   | 249057 | 401508 | 59.10%  | 4.247% |
| 49 | 10.867 | 2957 | 2963 | 2966 | rBV4  | 1978   | 2267   | 0.33%   | 0.024% |
| 50 | 10.906 | 2968 | 2975 | 2984 | rVB   | 7149   | 11415  | 1.68%   | 0.121% |
| 51 | 10.957 | 2986 | 2991 | 2995 | rVV7  | 2332   | 2738   | 0.40%   | 0.029% |
| 52 | 10.999 | 2995 | 3004 | 3018 | rVV   | 37708  | 84430  | 12.43%  | 0.893% |
| 53 | 11.115 | 3018 | 3040 | 3055 | rVB2  | 93380  | 211653 | 31.16%  | 2.239% |
| 54 | 11.202 | 3060 | 3067 | 3074 | rVB7  | 3841   | 5994   | 0.88%   | 0.063% |
| 55 | 11.243 | 3074 | 3080 | 3085 | rBV3  | 2080   | 2484   | 0.37%   | 0.026% |
| 56 | 11.295 | 3085 | 3096 | 3112 | rBV2  | 21212  | 52836  | 7.78%   | 0.559% |
| 57 | 11.375 | 3114 | 3121 | 3127 | rBV4  | 8450   | 12665  | 1.86%   | 0.134% |
| 58 | 11.417 | 3127 | 3134 | 3140 | rVV3  | 25574  | 34674  | 5.10%   | 0.367% |
| 59 | 11.468 | 3140 | 3150 | 3173 | rVB   | 122552 | 217557 | 32.03%  | 2.301% |
| 60 | 11.575 | 3173 | 3183 | 3189 | rBV4  | 12139  | 21290  | 3.13%   | 0.225% |
| 61 | 11.639 | 3199 | 3203 | 3213 | rVB9  | 9643   | 13629  | 2.01%   | 0.144% |
| 62 | 11.703 | 3214 | 3223 | 3231 | rBV6  | 24441  | 49619  | 7.30%   | 0.525% |
| 63 | 11.812 | 3245 | 3257 | 3270 | rBV   | 421492 | 679319 | 100.00% | 7.186% |
| 64 | 11.902 | 3270 | 3285 | 3294 | rBV3  | 33911  | 84889  | 12.50%  | 0.898% |
| 65 | 12.002 | 3311 | 3316 | 3324 | rVB3  | 20927  | 29560  | 4.35%   | 0.313% |
| 66 | 12.095 | 3335 | 3345 | 3351 | rBV2  | 46381  | 78380  | 11.54%  | 0.829% |
| 67 | 12.192 | 3362 | 3375 | 3389 | rVB   | 399628 | 674470 | 99.29%  | 7.135% |
| 68 | 12.269 | 3391 | 3399 | 3402 | rBV10 | 4946   | 7748   | 1.14%   | 0.082% |
| 69 | 12.327 | 3404 | 3417 | 3427 | rVV2  | 145690 | 238841 | 35.16%  | 2.527% |
| 70 | 12.382 | 3427 | 3434 | 3449 | rVB7  | 20779  | 48369  | 7.12%   | 0.512% |
| 71 | 12.472 | 3453 | 3462 | 3464 | rBV2  | 16286  | 23277  | 3.43%   | 0.246% |
| 72 | 12.497 | 3466 | 3470 | 3476 | rVB2  | 15705  | 17949  | 2.64%   | 0.190% |
| 73 | 12.571 | 3488 | 3493 | 3500 | rVB   | 16577  | 21526  | 3.17%   | 0.228% |
| 74 | 12.671 | 3517 | 3524 | 3530 | rBV7  | 8754   | 16098  | 2.37%   | 0.170% |
| 75 | 12.928 | 3597 | 3604 | 3610 | rBV4  | 21303  | 35087  | 5.17%   | 0.371% |
| 76 | 13.028 | 3626 | 3635 | 3639 | rBV   | 22228  | 35605  | 5.24%   | 0.377% |

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Instrument :  
 MSVOA\_U  
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 BGLT5MEDL

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\_U\Method\SFAMULM010522WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |        |        |        |
|-----|--------|------|------|------|------|--------|--------|--------|--------|
| 77  | 13.134 | 3663 | 3668 | 3675 | rVB6 | 12038  | 14347  | 2.11%  | 0.152% |
| 78  | 13.285 | 3709 | 3715 | 3728 | rVB3 | 13173  | 23284  | 3.43%  | 0.246% |
| 79  | 13.353 | 3729 | 3736 | 3743 | rBV5 | 8292   | 12496  | 1.84%  | 0.132% |
| 80  | 13.433 | 3747 | 3761 | 3782 | rVV5 | 49256  | 147711 | 21.74% | 1.563% |
| 81  | 13.591 | 3804 | 3810 | 3814 | rBV3 | 9906   | 13017  | 1.92%  | 0.138% |
| 82  | 13.732 | 3847 | 3854 | 3862 | rBV3 | 8954   | 16031  | 2.36%  | 0.170% |
| 83  | 13.841 | 3879 | 3888 | 3900 | rBV5 | 19484  | 40640  | 5.98%  | 0.430% |
| 84  | 13.963 | 3915 | 3926 | 3933 | rBV7 | 9540   | 22573  | 3.32%  | 0.239% |
| 85  | 14.086 | 3945 | 3964 | 3984 | rVB  | 247548 | 442991 | 65.21% | 4.686% |
| 86  | 14.189 | 3986 | 3996 | 4011 | rVB7 | 20104  | 48261  | 7.10%  | 0.511% |
| 87  | 14.452 | 4071 | 4078 | 4086 | rBV  | 28929  | 44274  | 6.52%  | 0.468% |
| 88  | 14.674 | 4136 | 4147 | 4158 | rBV9 | 20645  | 47577  | 7.00%  | 0.503% |
| 89  | 15.021 | 4248 | 4255 | 4261 | rBV8 | 15045  | 26355  | 3.88%  | 0.279% |
| 90  | 15.221 | 4304 | 4317 | 4327 | rBV  | 117569 | 214628 | 31.59% | 2.270% |
| 91  | 15.407 | 4366 | 4375 | 4399 | rVB2 | 97175  | 197757 | 29.11% | 2.092% |
| 92  | 16.150 | 4598 | 4606 | 4613 | rBV5 | 32688  | 54603  | 8.04%  | 0.578% |
| 93  | 16.262 | 4633 | 4641 | 4649 | rBV  | 66143  | 109975 | 16.19% | 1.163% |
| 94  | 16.410 | 4678 | 4687 | 4693 | rBV  | 84171  | 132580 | 19.52% | 1.402% |
| 95  | 16.449 | 4694 | 4699 | 4716 | rVB2 | 64446  | 109344 | 16.10% | 1.157% |
| 96  | 16.880 | 4828 | 4833 | 4841 | rVB7 | 19280  | 24735  | 3.64%  | 0.262% |
| 97  | 17.047 | 4878 | 4885 | 4888 | rBV5 | 15048  | 21563  | 3.17%  | 0.228% |
| 98  | 17.327 | 4968 | 4972 | 4980 | rVB3 | 24257  | 31257  | 4.60%  | 0.331% |
| 99  | 17.375 | 4983 | 4987 | 4997 | rVB3 | 20526  | 27805  | 4.09%  | 0.294% |
| 100 | 17.539 | 5031 | 5038 | 5049 | rVB3 | 21150  | 33880  | 4.99%  | 0.358% |

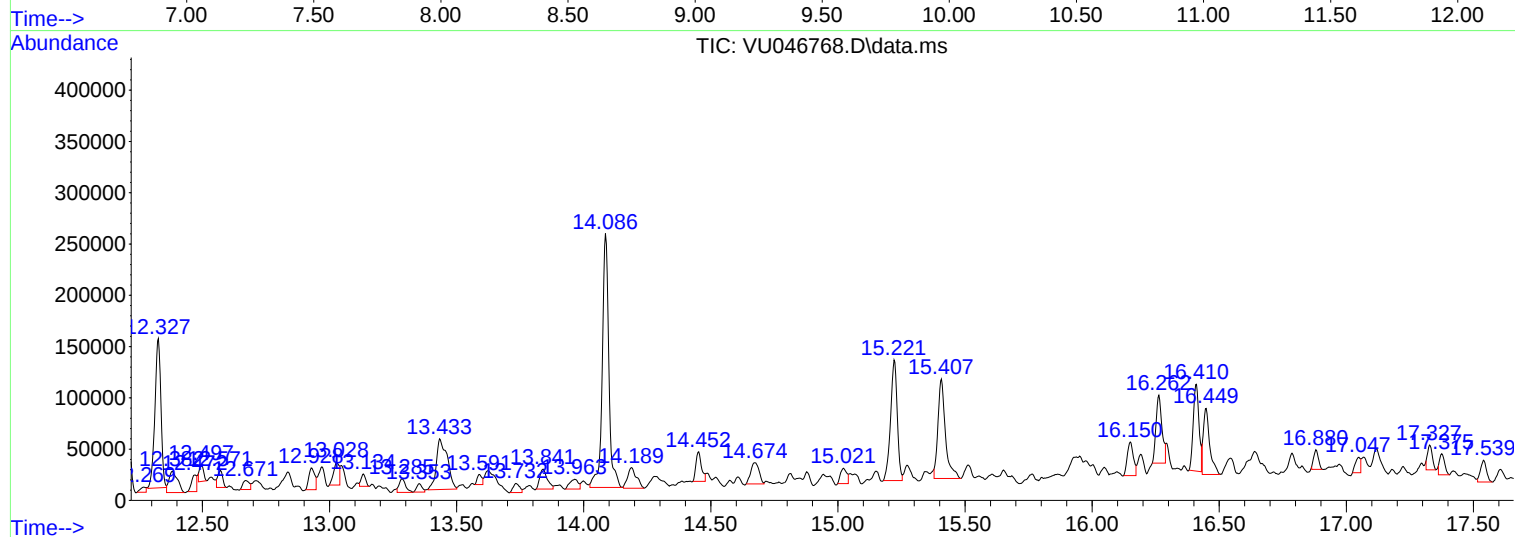
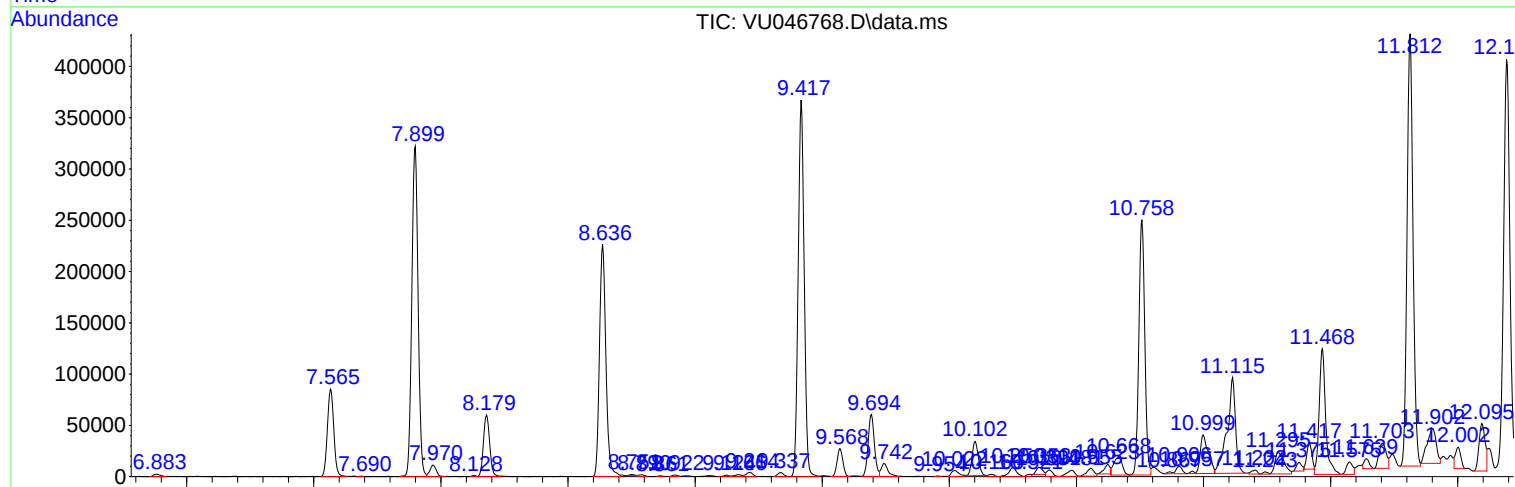
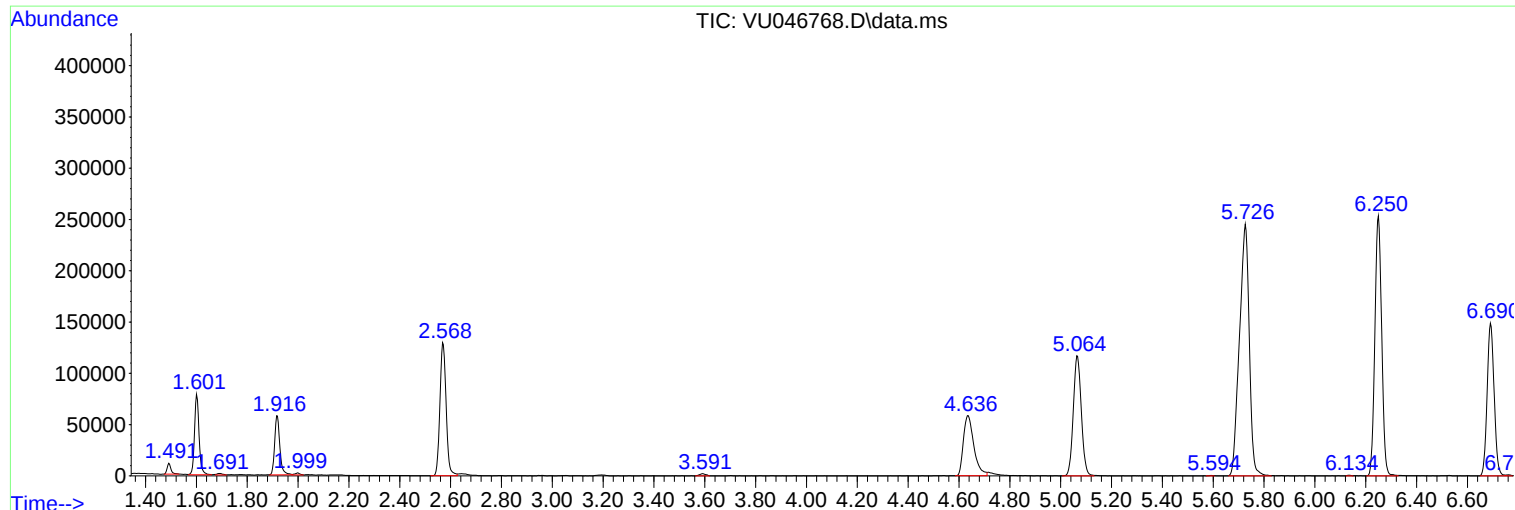
Sum of corrected areas: 9453341

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM010522WMA.M  
Quant Title : VOC Analysis

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



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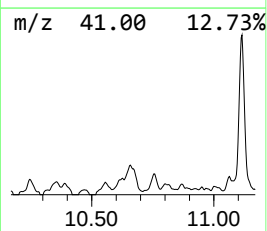
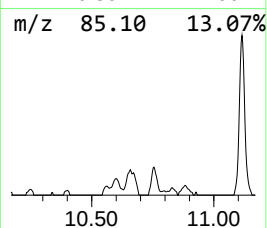
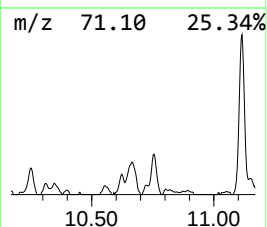
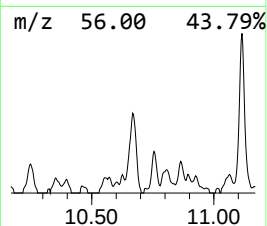
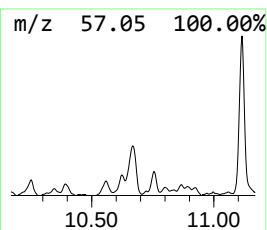
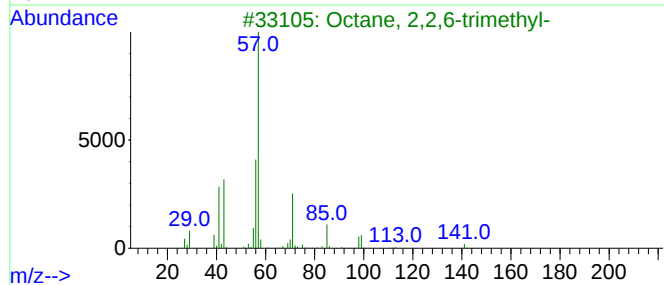
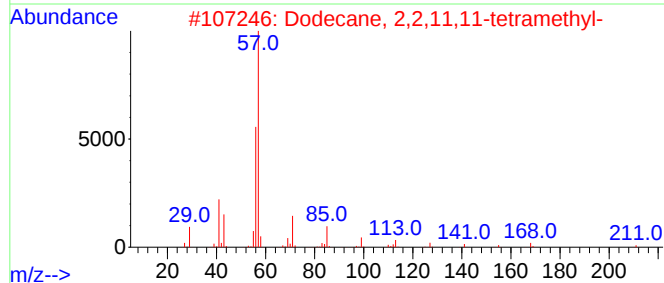
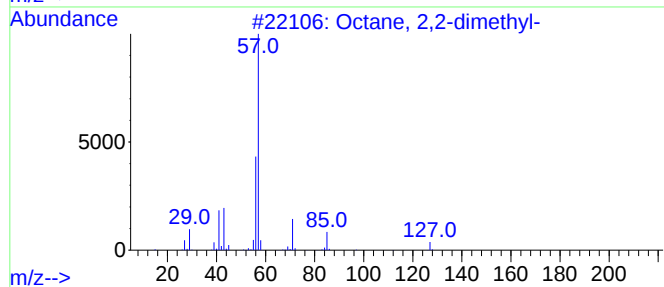
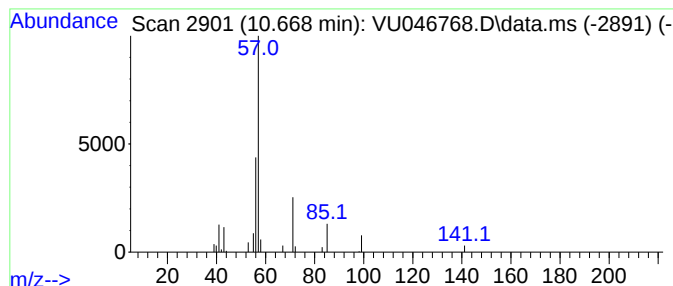
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 21

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 10.668 | 2.98 ug/L | 40528 | 1,4-Dichlorobenzene-d4 | 11.812 |

| Hit# | of | 5 | Tentative ID                     | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------------|-----|---------|-------------|------|
| 1    |    |   | Octane, 2,2-dimethyl-            | 142 | C10H22  | 015869-87-1 | 72   |
| 2    |    |   | Dodecane, 2,2,11,11-tetramethyl- | 226 | C16H34  | 127204-12-0 | 64   |
| 3    |    |   | Octane, 2,2,6-trimethyl-         | 156 | C11H24  | 062016-28-8 | 64   |
| 4    |    |   | Heptane, 2,2,4,6,6-pentamethyl-  | 170 | C12H26  | 013475-82-6 | 59   |
| 5    |    |   | 2,2,7,7-Tetramethyloctane        | 170 | C12H26  | 001071-31-4 | 56   |



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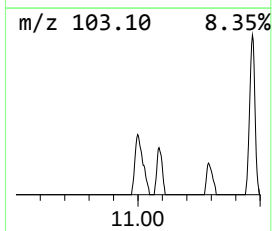
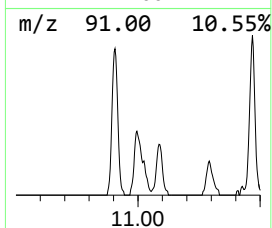
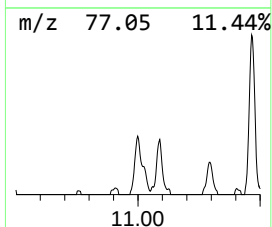
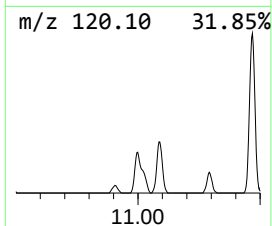
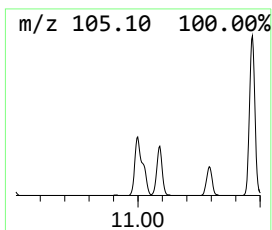
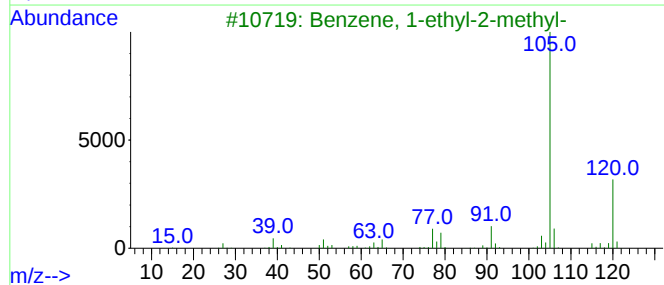
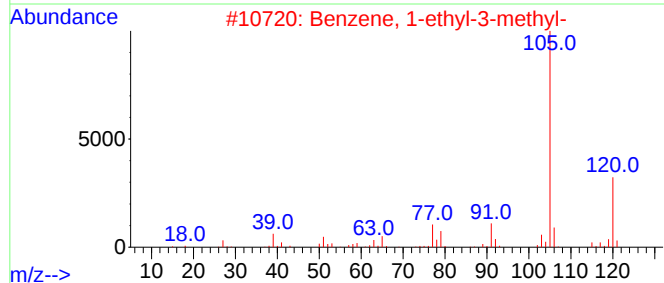
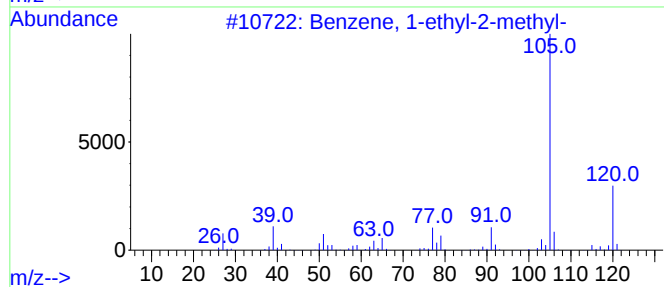
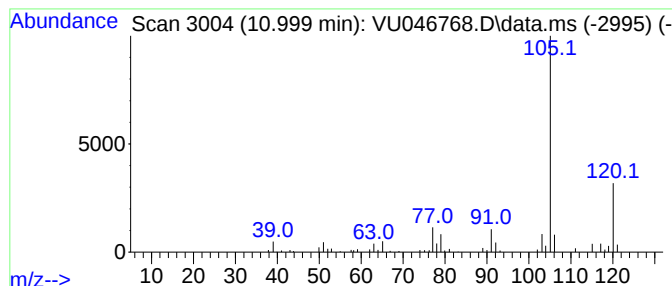
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Quant Title : VOC Analysis

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

\*\*\*\*\*  
Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 11

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 10.999 | 6.21 ug/L | 84430 | 1,4-Dichlorobenzene-d4 | 11.812 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1-ethyl-2-methyl- | 120 | C9H12   | 000611-14-3 | 94   |
| 2    |    |   | Benzene, 1-ethyl-3-methyl- | 120 | C9H12   | 000620-14-4 | 94   |
| 3    |    |   | Benzene, 1-ethyl-2-methyl- | 120 | C9H12   | 000611-14-3 | 94   |
| 4    |    |   | Benzene, 1-ethyl-4-methyl- | 120 | C9H12   | 000622-96-8 | 91   |
| 5    |    |   | Benzene, 1,2,4-trimethyl-  | 120 | C9H12   | 000095-63-6 | 91   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU011722\  
Data File : VU046768.D  
Acq On : 17 Jan 2022 16:09  
Operator : SY/MD  
Sample : N1155-02MEDL 20X  
Misc : 6.08g/5.0mL/100uL/5.0mL/MSVOA\_U/MEOH  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
BGLT5MEDL

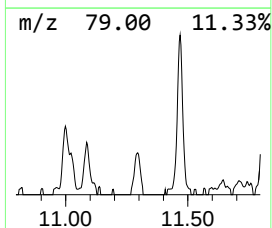
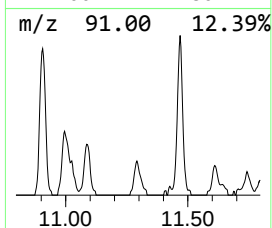
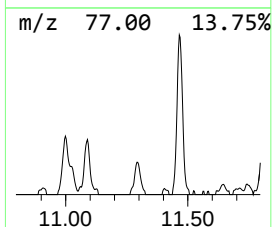
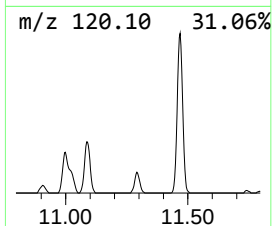
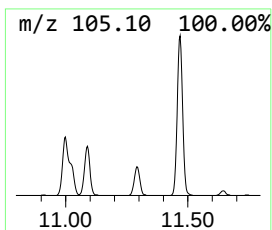
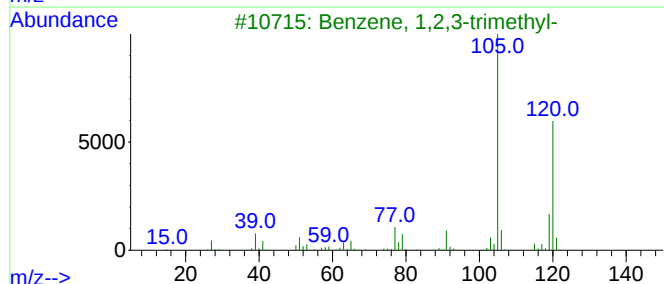
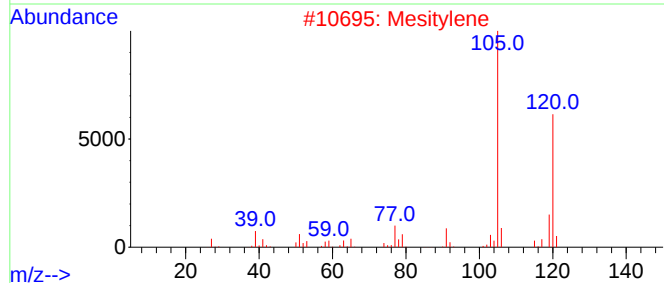
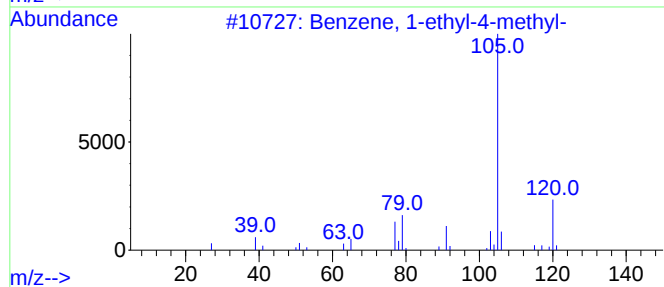
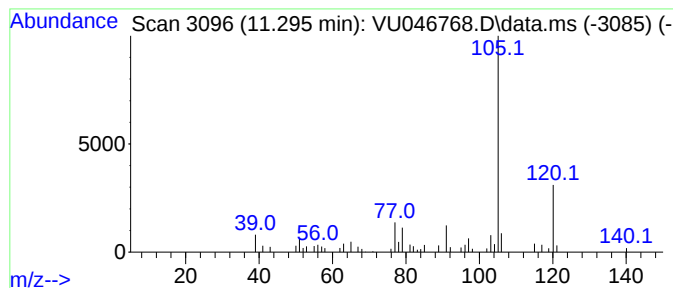
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Quant Title : VOC Analysis

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

\*\*\*\*\*  
Peak Number 4 Benzene, 1-ethyl-4-methyl- Concentration Rank 14

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 11.295 | 3.89 ug/L | 52836 | 1,4-Dichlorobenzene-d4 | 11.812 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1-ethyl-4-methyl- | 120 | C9H12   | 000622-96-8 | 89   |
| 2    |    |   | Mesitylene                 | 120 | C9H12   | 000108-67-8 | 87   |
| 3    |    |   | Benzene, 1,2,3-trimethyl-  | 120 | C9H12   | 000526-73-8 | 87   |
| 4    |    |   | Benzene, 1-ethyl-4-methyl- | 120 | C9H12   | 000622-96-8 | 87   |
| 5    |    |   | Benzene, 1-ethyl-4-methyl- | 120 | C9H12   | 000622-96-8 | 87   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU011722\  
Data File : VU046768.D  
Acq On : 17 Jan 2022 16:09  
Operator : SY/MD  
Sample : N1155-02MEDL 20X  
Misc : 6.08g/5.0mL/100uL/5.0mL/MSVOA\_U/MEOH  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
BGLT5MEDL

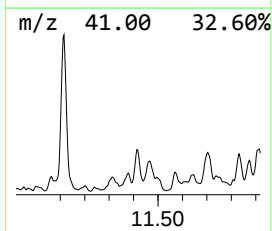
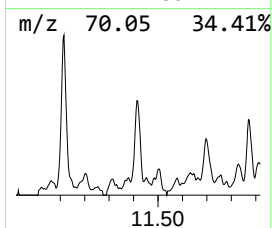
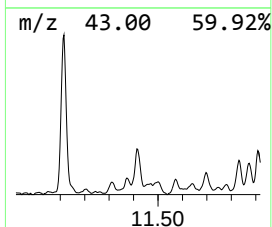
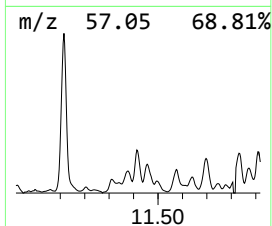
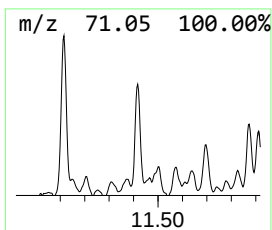
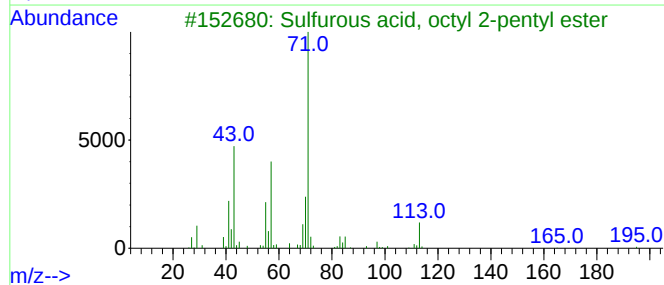
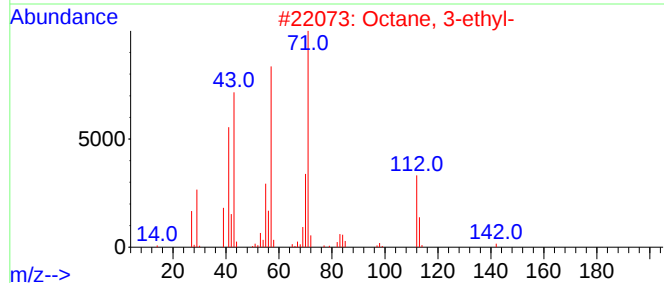
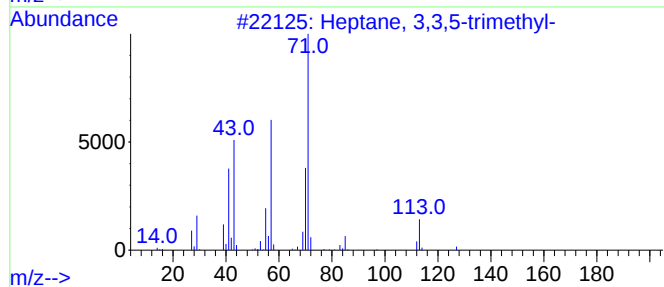
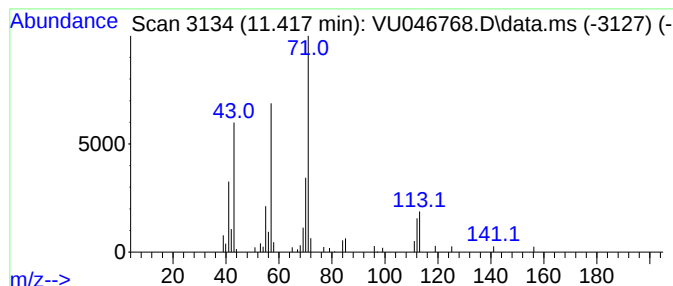
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Quant Title : VOC Analysis

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

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Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 24

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 11.417 | 2.55 ug/L | 34674 | 1,4-Dichlorobenzene-d4 | 11.812 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Heptane, 3,3,5-trimethyl-           | 142 | C10H22    | 007154-80-5  | 80   |
| 2    |    |   | Octane, 3-ethyl-                    | 142 | C10H22    | 005881-17-4  | 78   |
| 3    |    |   | Sulfurous acid, octyl 2-pentyl e... | 264 | C13H28O3S | 1000309-15-7 | 78   |
| 4    |    |   | Heptane, 3,3,5-trimethyl-           | 142 | C10H22    | 007154-80-5  | 72   |
| 5    |    |   | Heptane, 3,3,5-trimethyl-           | 142 | C10H22    | 007154-80-5  | 64   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU011722\  
Data File : VU046768.D  
Acq On : 17 Jan 2022 16:09  
Operator : SY/MD  
Sample : N1155-02MEDL 20X  
Misc : 6.08g/5.0mL/100uL/5.0mL/MSVOA\_U/MEOH  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
BGLT5MEDL

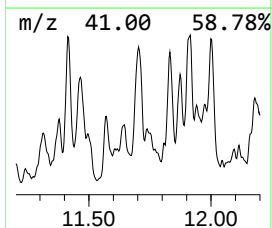
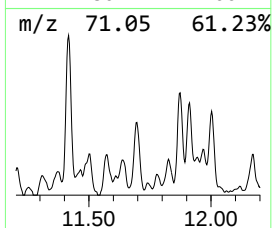
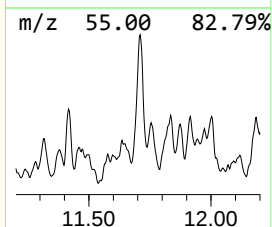
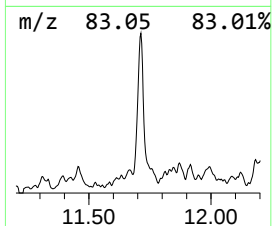
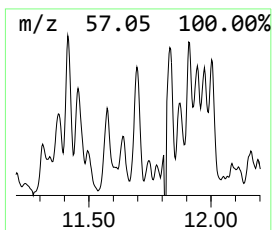
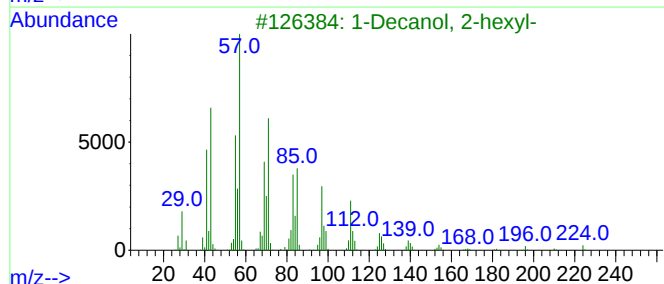
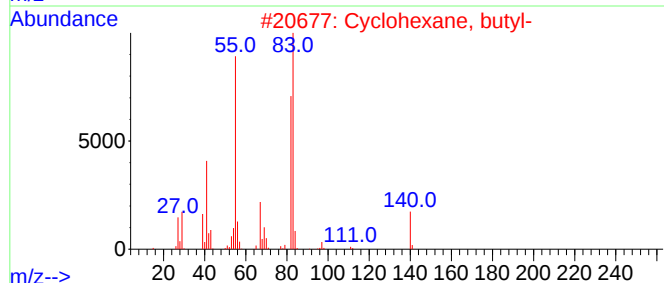
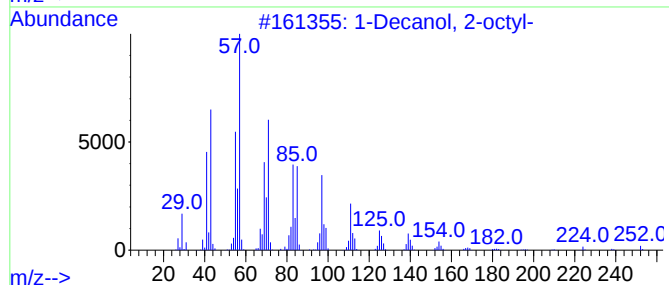
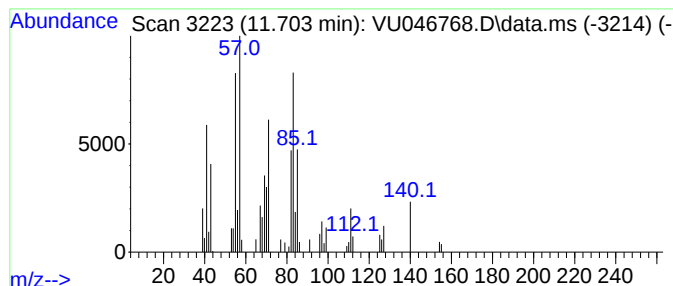
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Quant Title : VOC Analysis

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

\*\*\*\*\*  
Peak Number 6 unknown-01 Concentration Rank 15

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 11.703 | 3.65 ug/L | 49619 | 1,4-Dichlorobenzene-d4 | 11.812 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | 1-Decanol, 2-octyl-                 | 270 | C18H38O  | 045235-48-1 | 43   |
| 2    |    |   | Cyclohexane, butyl-                 | 140 | C10H20   | 001678-93-9 | 38   |
| 3    |    |   | 1-Decanol, 2-hexyl-                 | 242 | C16H34O  | 002425-77-6 | 38   |
| 4    |    |   | 2-Hydroxy-2-methyl-but-3-enyl 2-... | 184 | C10H16O3 | 080758-67-4 | 38   |
| 5    |    |   | Ethanone, 1-cyclohexyl-             | 126 | C8H14O   | 000823-76-7 | 38   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU011722\  
Data File : VU046768.D  
Acq On : 17 Jan 2022 16:09  
Operator : SY/MD  
Sample : N1155-02MEDL 20X  
Misc : 6.08g/5.0mL/100uL/5.0mL/MSVOA\_U/MEOH  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
BGLT5MEDL

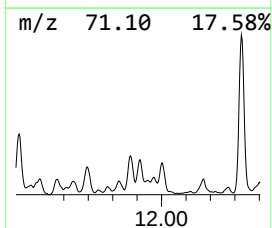
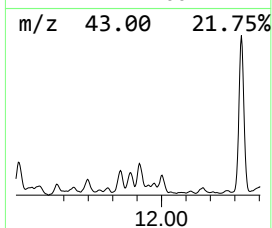
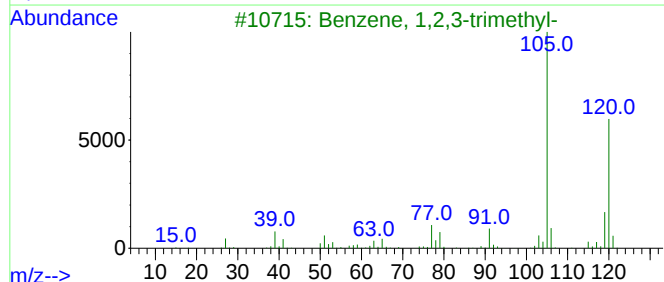
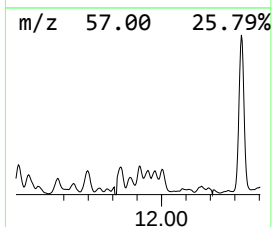
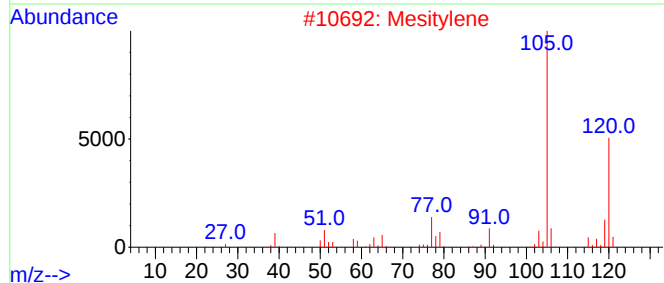
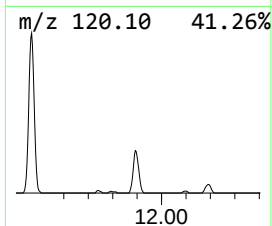
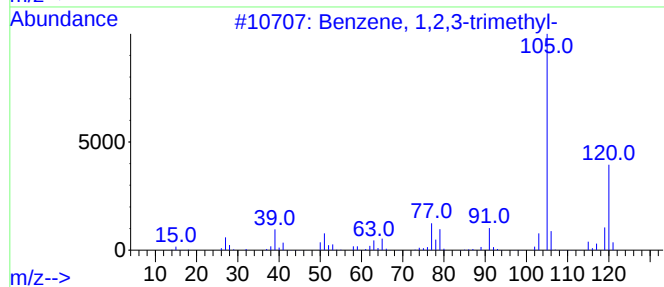
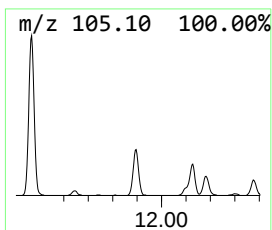
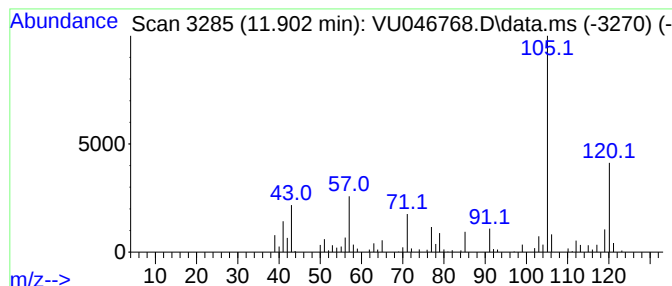
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Quant Title : VOC Analysis

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

\*\*\*\*\*  
Peak Number 7 Benzene, 1,2,3-trimethyl- Concentration Rank 10

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 11.903 | 6.25 ug/L | 84889 | 1,4-Dichlorobenzene-d4 | 11.812 |

| Hit# | of | 5 | Tentative ID              | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1,2,3-trimethyl- | 120 | C9H12   | 000526-73-8 | 94   |
| 2    |    |   | Mesitylene                | 120 | C9H12   | 000108-67-8 | 94   |
| 3    |    |   | Benzene, 1,2,3-trimethyl- | 120 | C9H12   | 000526-73-8 | 94   |
| 4    |    |   | Mesitylene                | 120 | C9H12   | 000108-67-8 | 87   |
| 5    |    |   | Mesitylene                | 120 | C9H12   | 000108-67-8 | 87   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU011722\  
Data File : VU046768.D  
Acq On : 17 Jan 2022 16:09  
Operator : SY/MD  
Sample : N1155-02MEDL 20X  
Misc : 6.08g/5.0mL/100uL/5.0mL/MSVOA\_U/MEOH  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
BGLT5MEDL

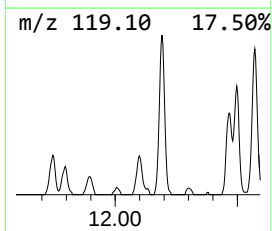
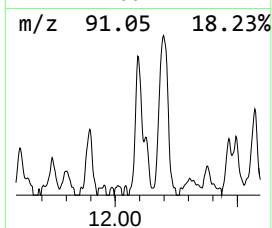
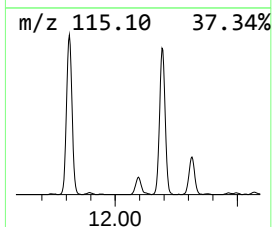
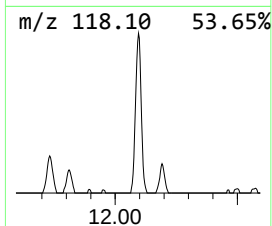
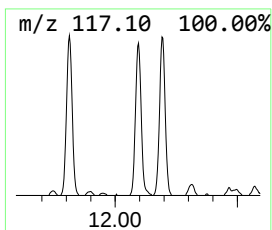
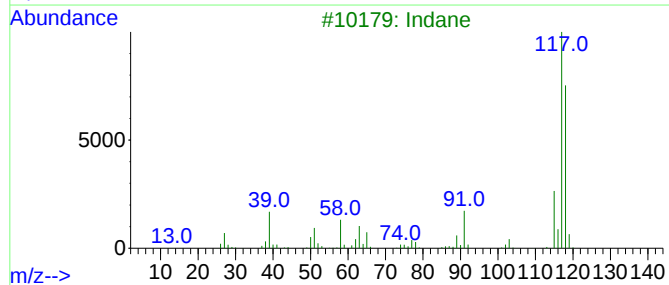
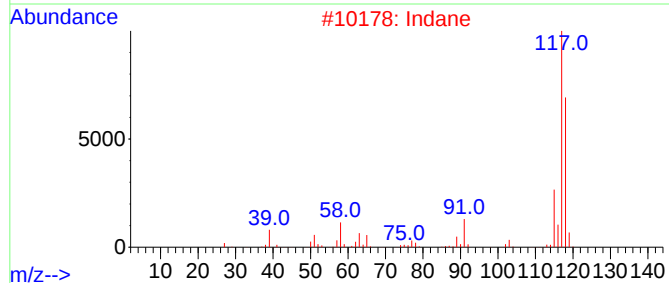
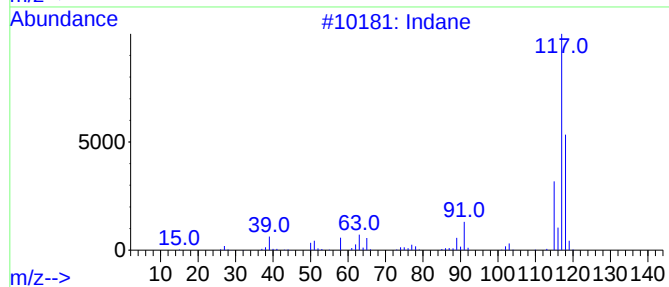
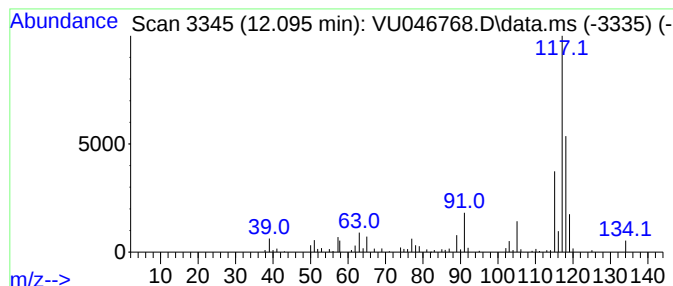
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Quant Title : VOC Analysis

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

\*\*\*\*\*  
Peak Number 8 Indane Concentration Rank 12

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 12.095 | 5.77 ug/L | 78380 | 1,4-Dichlorobenzene-d4 | 11.812 |

| Hit# | of | 5 | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------|-----|---------|-------------|------|
| 1    |    |   | Indane                | 118 | C9H10   | 000496-11-7 | 81   |
| 2    |    |   | Indane                | 118 | C9H10   | 000496-11-7 | 81   |
| 3    |    |   | Indane                | 118 | C9H10   | 000496-11-7 | 81   |
| 4    |    |   | Benzene, cyclopropyl- | 118 | C9H10   | 000873-49-4 | 64   |
| 5    |    |   | Benzene, cyclopropyl- | 118 | C9H10   | 000873-49-4 | 64   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU011722\  
Data File : VU046768.D  
Acq On : 17 Jan 2022 16:09  
Operator : SY/MD  
Sample : N1155-02MEDL 20X  
Misc : 6.08g/5.0mL/100uL/5.0mL/MSVOA\_U/MEOH  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
BGLT5MEDL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM010522WMA.M  
Quant Title : VOC Analysis

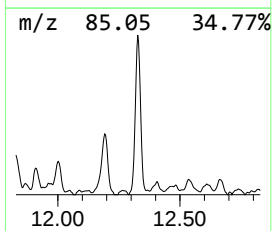
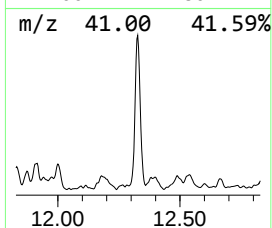
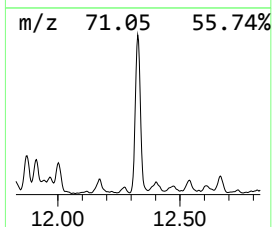
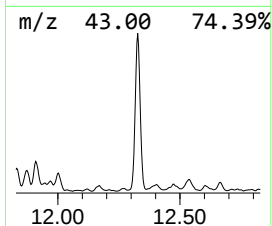
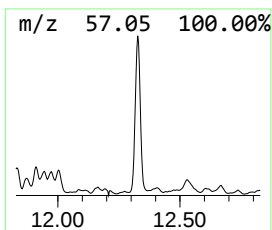
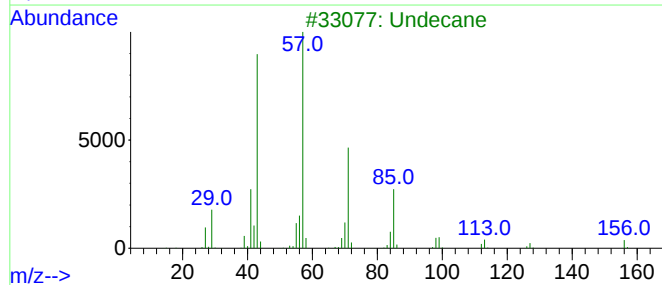
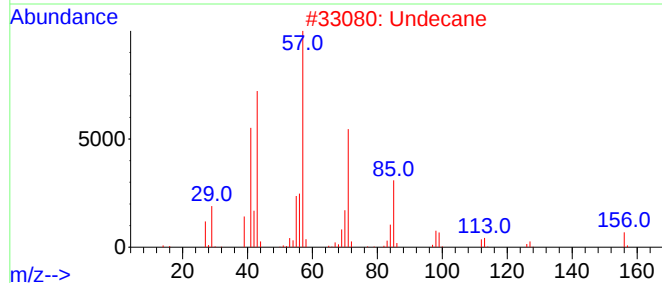
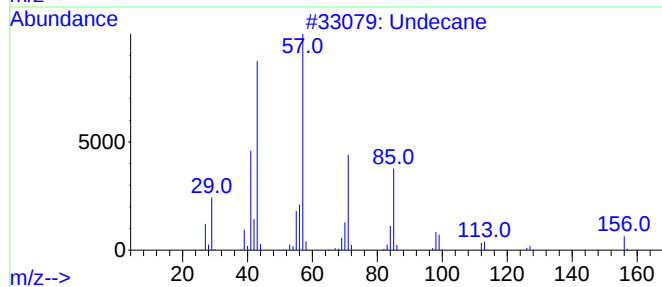
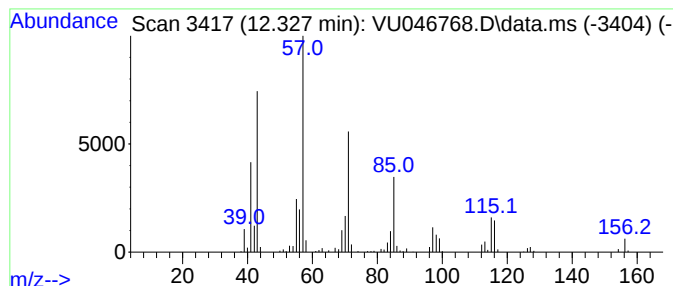
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 2

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 12.327 | 17.58 ug/L | 238841 | 1,4-Dichlorobenzene-d4 | 11.812 |

| Hit# | of                                  | 5 | Tentative ID | MW  | MolForm  | CAS#         | Qual |
|------|-------------------------------------|---|--------------|-----|----------|--------------|------|
| 1    | Undecane                            |   |              | 156 | C11H24   | 001120-21-4  | 95   |
| 2    | Undecane                            |   |              | 156 | C11H24   | 001120-21-4  | 94   |
| 3    | Undecane                            |   |              | 156 | C11H24   | 001120-21-4  | 89   |
| 4    | Undecane                            |   |              | 156 | C11H24   | 001120-21-4  | 76   |
| 5    | Carbonic acid, prop-1-en-2-yl tr... |   |              | 284 | C17H32O3 | 1000382-90-8 | 72   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU011722\  
Data File : VU046768.D  
Acq On : 17 Jan 2022 16:09  
Operator : SY/MD  
Sample : N1155-02MEDL 20X  
Misc : 6.08g/5.0mL/100uL/5.0mL/MSVOA\_U/MEOH  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
BGLT5MEDL

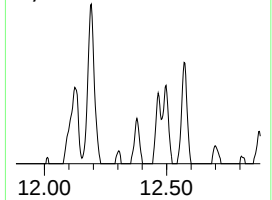
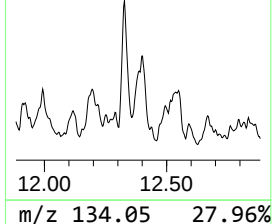
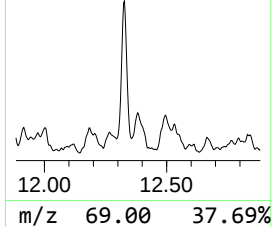
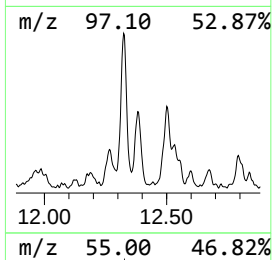
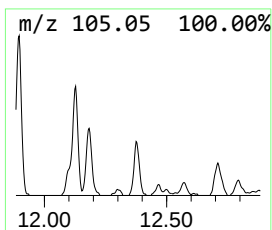
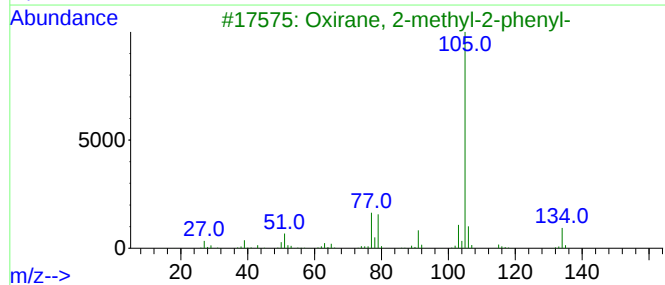
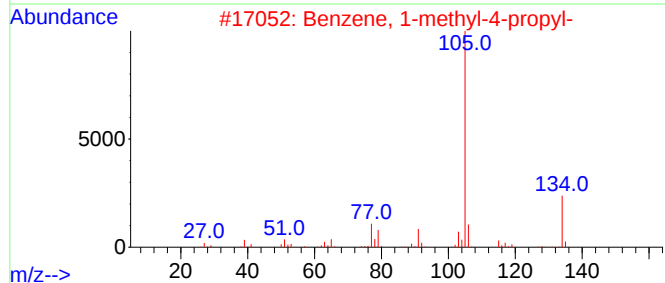
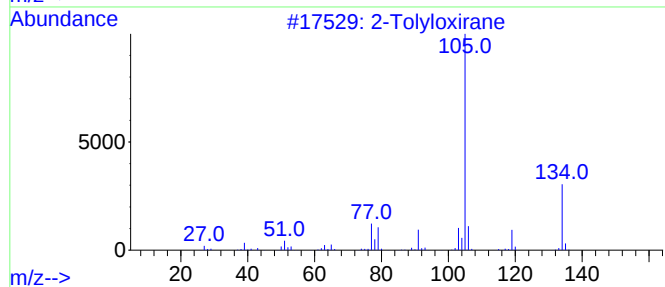
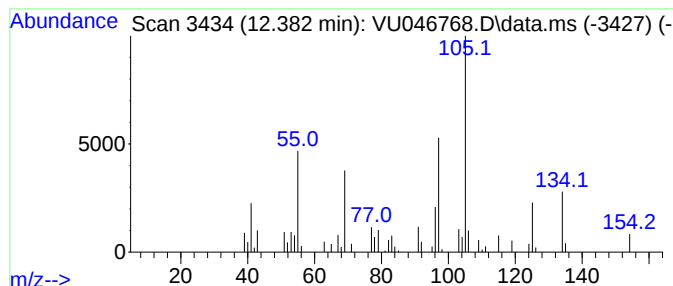
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Quant Title : VOC Analysis

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

\*\*\*\*\*  
Peak Number 10 unknown-02 Concentration Rank 16

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 12.382 | 3.56 ug/L | 48369 | 1,4-Dichlorobenzene-d4 | 11.812 |

| Hit# | of                          | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|-----------------------------|---|--------------|-----|---------|-------------|------|
| 1    | 2-Tolyloxirane              |   |              | 134 | C9H10O  | 002783-26-8 | 42   |
| 2    | Benzene, 1-methyl-4-propyl- |   |              | 134 | C10H14  | 001074-55-1 | 38   |
| 3    | Oxirane, 2-methyl-2-phenyl- |   |              | 134 | C9H10O  | 002085-88-3 | 30   |
| 4    | Benzene, 1-methyl-3-propyl- |   |              | 134 | C10H14  | 001074-43-7 | 30   |
| 5    | Benzene, (1-methylpropyl)-  |   |              | 134 | C10H14  | 000135-98-8 | 30   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU011722\  
Data File : VU046768.D  
Acq On : 17 Jan 2022 16:09  
Operator : SY/MD  
Sample : N1155-02MEDL 20X  
Misc : 6.08g/5.0mL/100uL/5.0mL/MSVOA\_U/MEOH  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
BGLT5MEDL

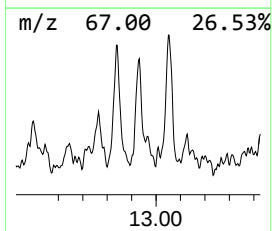
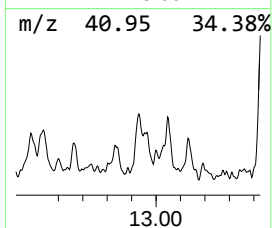
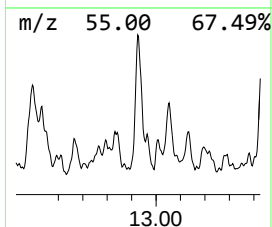
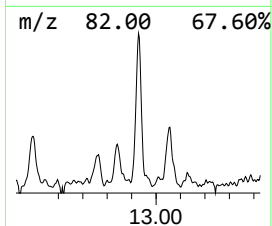
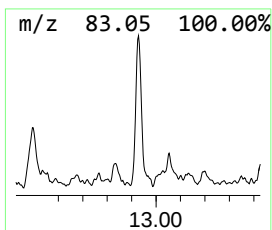
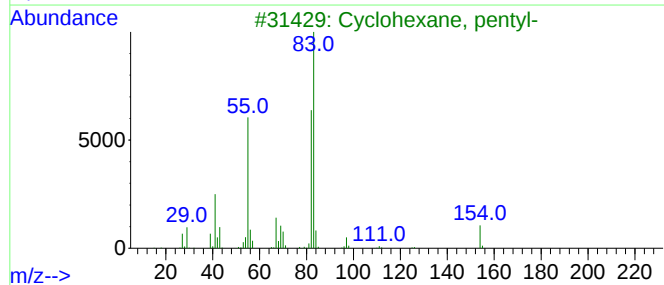
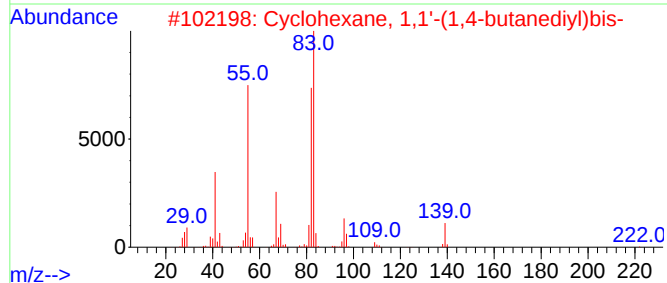
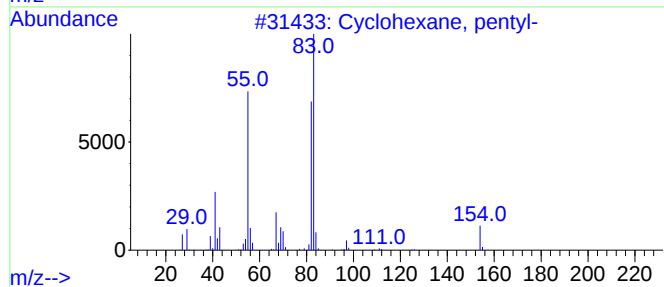
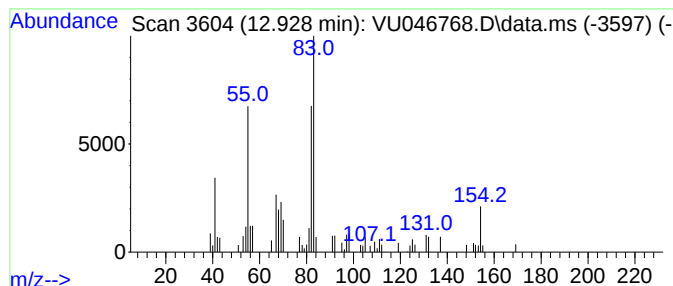
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Quant Title : VOC Analysis

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

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Peak Number 11 (DEL) Alkane: Cyclic12.928 Concentration Rank 23

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 12.928 | 2.58 ug/L | 35087 | 1,4-Dichlorobenzene-d4 | 11.812 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Cyclohexane, pentyl-                | 154 | C11H22  | 004292-92-6 | 62   |
| 2    |    |   | Cyclohexane, 1,1'-(1,4-butanediyl)- | 222 | C16H30  | 006165-44-2 | 53   |
| 3    |    |   | Cyclohexane, pentyl-                | 154 | C11H22  | 004292-92-6 | 53   |
| 4    |    |   | Cyclohexane, (1-methylethyl)-       | 126 | C9H18   | 000696-29-7 | 52   |
| 5    |    |   | Cyclohexane, octyl-                 | 196 | C14H28  | 001795-15-9 | 50   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU011722\  
Data File : VU046768.D  
Acq On : 17 Jan 2022 16:09  
Operator : SY/MD  
Sample : N1155-02MEDL 20X  
Misc : 6.08g/5.0mL/100uL/5.0mL/MSVOA\_U/MEOH  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
BGLT5MEDL

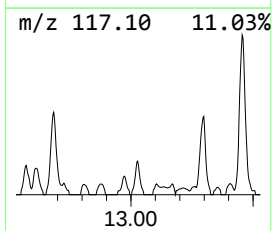
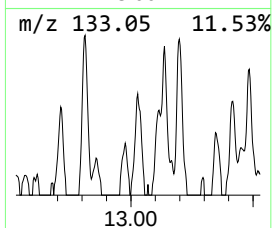
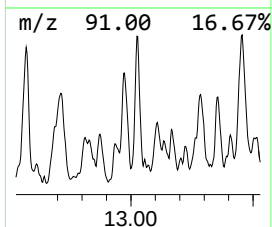
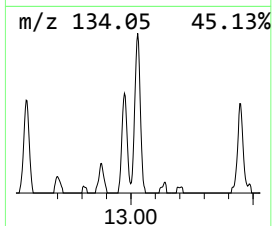
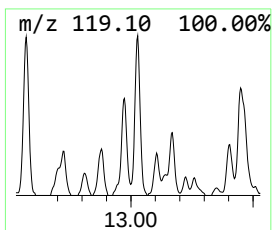
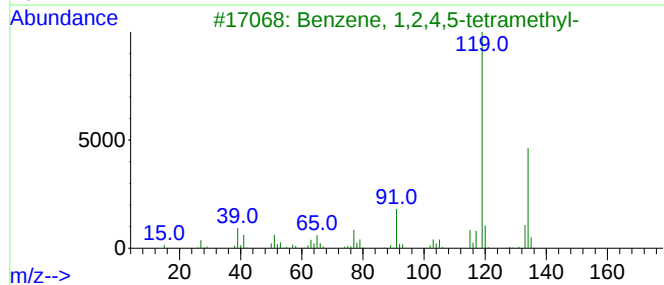
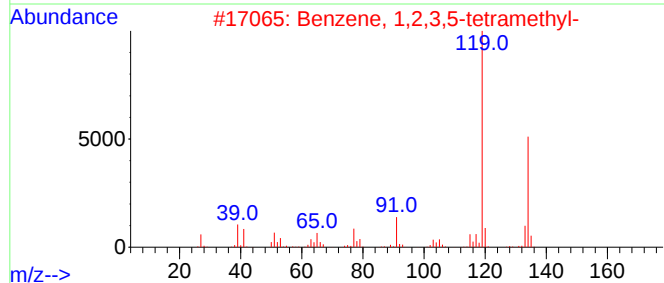
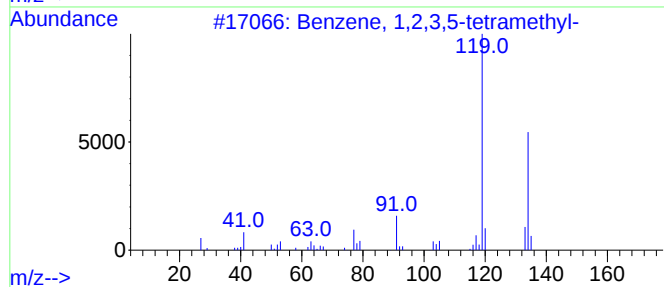
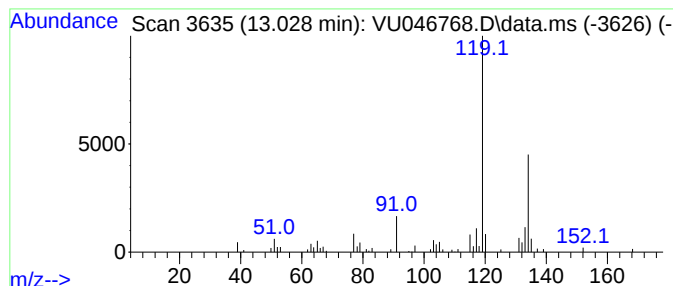
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Quant Title : VOC Analysis

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

\*\*\*\*\*  
Peak Number 12 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 22

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 13.028 | 2.62 ug/L | 35605 | 1,4-Dichlorobenzene-d4 | 11.812 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1,2,3,5-tetramethyl-       | 134 | C10H14  | 000527-53-7 | 97   |
| 2    |    |   | Benzene, 1,2,3,5-tetramethyl-       | 134 | C10H14  | 000527-53-7 | 95   |
| 3    |    |   | Benzene, 1,2,4,5-tetramethyl-       | 134 | C10H14  | 000095-93-2 | 95   |
| 4    |    |   | Benzene, 1,2,3,4-tetramethyl-       | 134 | C10H14  | 000488-23-3 | 95   |
| 5    |    |   | 1,3-Cyclopentadiene, 1,2,3,4-tet... | 134 | C10H14  | 076089-59-3 | 95   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU011722\  
Data File : VU046768.D  
Acq On : 17 Jan 2022 16:09  
Operator : SY/MD  
Sample : N1155-02MEDL 20X  
Misc : 6.08g/5.0mL/100uL/5.0mL/MSVOA\_U/MEOH  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
BGLT5MEDL

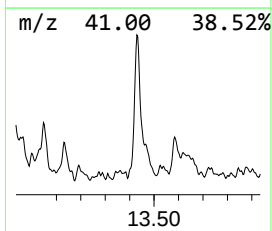
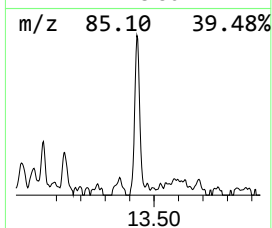
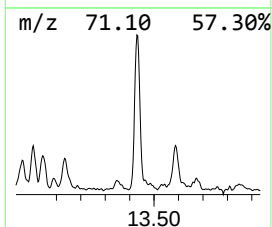
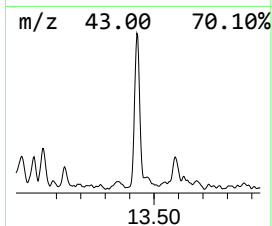
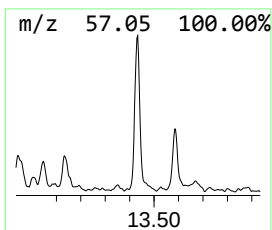
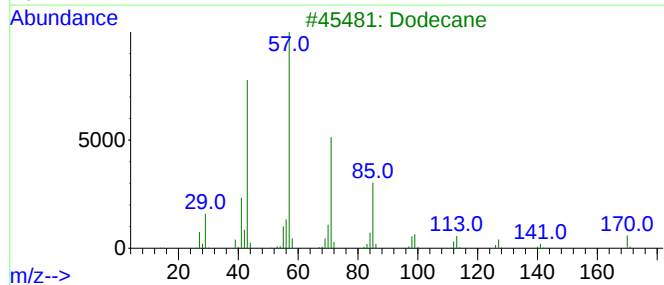
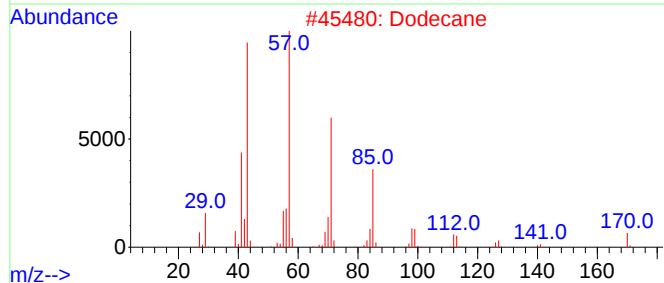
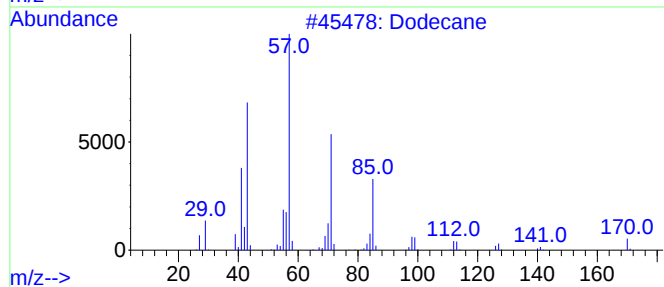
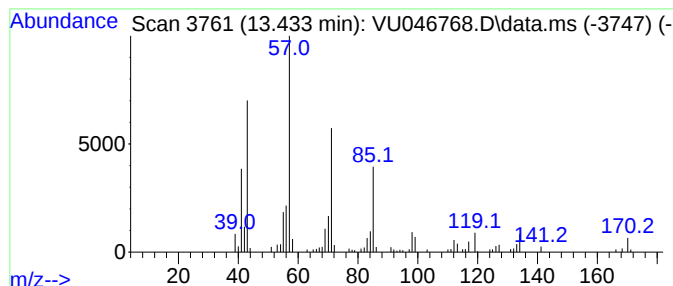
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Quant Title : VOC Analysis

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

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Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 6

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 13.433 | 10.87 ug/L | 147711 | 1,4-Dichlorobenzene-d4 | 11.812 |

| Hit# | of | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------|-----|---------|-------------|------|
| 1    |    |   | Dodecane     | 170 | C12H26  | 000112-40-3 | 96   |
| 2    |    |   | Dodecane     | 170 | C12H26  | 000112-40-3 | 93   |
| 3    |    |   | Dodecane     | 170 | C12H26  | 000112-40-3 | 87   |
| 4    |    |   | Undecane     | 156 | C11H24  | 001120-21-4 | 86   |
| 5    |    |   | Tetradecane  | 198 | C14H30  | 000629-59-4 | 80   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU011722\  
Data File : VU046768.D  
Acq On : 17 Jan 2022 16:09  
Operator : SY/MD  
Sample : N1155-02MEDL 20X  
Misc : 6.08g/5.0mL/100uL/5.0mL/MSVOA\_U/MEOH  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
BGLT5MEDL

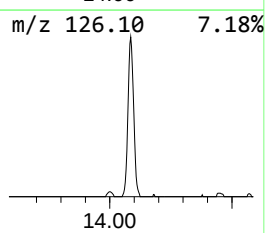
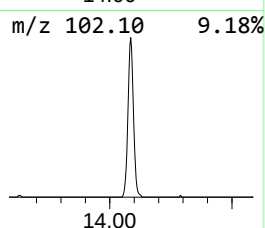
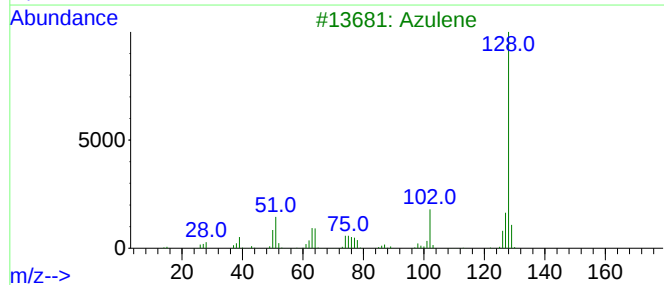
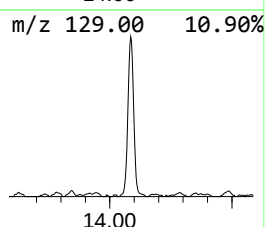
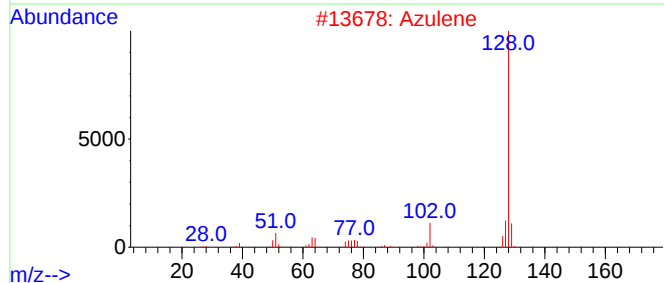
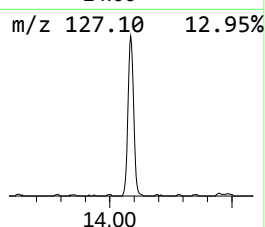
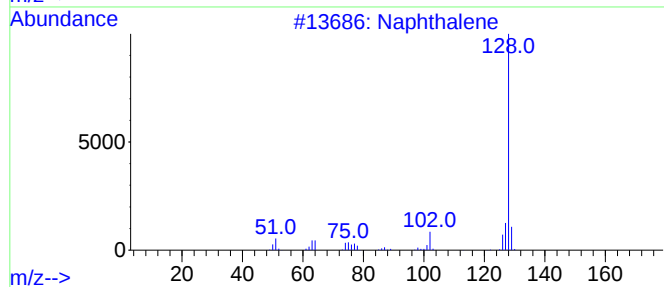
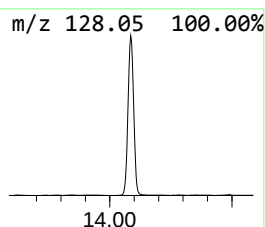
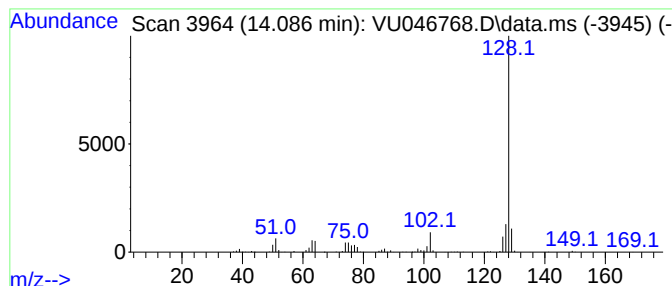
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Quant Title : VOC Analysis

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

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Peak Number 15 Azulene Concentration Rank 1

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 14.086 | 32.61 ug/L | 442991 | 1,4-Dichlorobenzene-d4 | 11.812 |

| Hit# | of | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene  | 128 | C10H8   | 000091-20-3 | 95   |
| 2    |    |   | Azulene      | 128 | C10H8   | 000275-51-4 | 95   |
| 3    |    |   | Azulene      | 128 | C10H8   | 000275-51-4 | 94   |
| 4    |    |   | Naphthalene  | 128 | C10H8   | 000091-20-3 | 94   |
| 5    |    |   | Naphthalene  | 128 | C10H8   | 000091-20-3 | 91   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU011722\  
Data File : VU046768.D  
Acq On : 17 Jan 2022 16:09  
Operator : SY/MD  
Sample : N1155-02MEDL 20X  
Misc : 6.08g/5.0mL/100uL/5.0mL/MSVOA\_U/MEOH  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
BGLT5MEDL

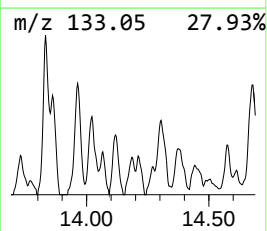
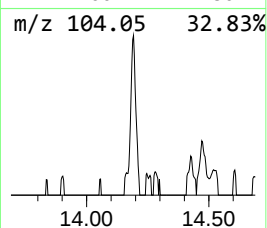
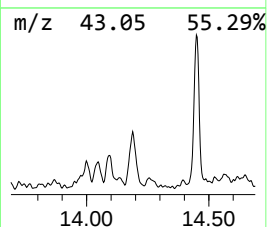
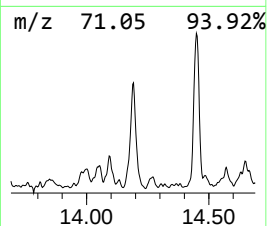
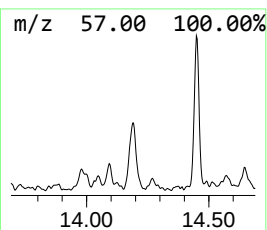
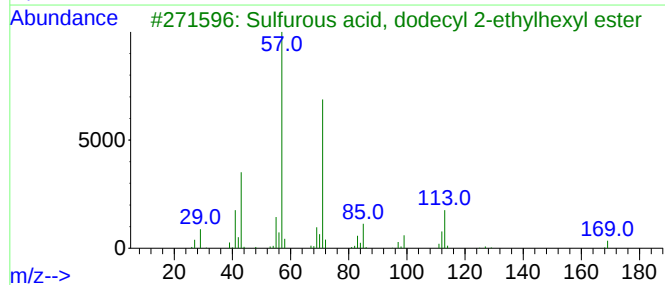
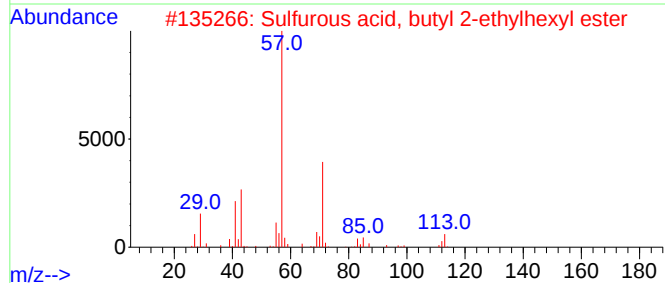
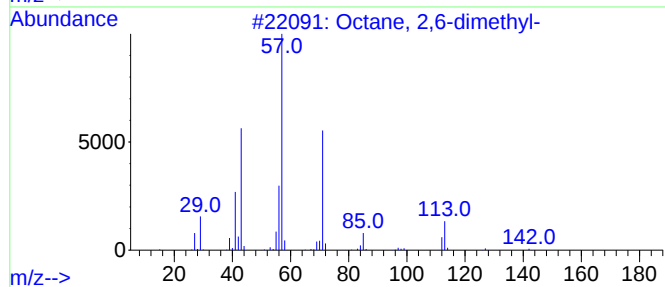
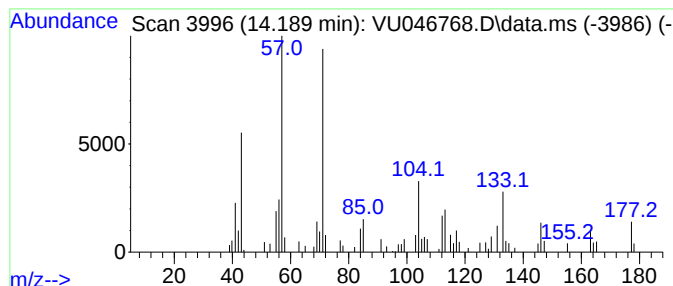
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Quant Title : VOC Analysis

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

\*\*\*\*\*  
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 17

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 14.189 | 3.55 ug/L | 48261 | 1,4-Dichlorobenzene-d4 | 11.812 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Octane, 2,6-dimethyl-               | 142 | C10H22    | 002051-30-1  | 46   |
| 2    |    |   | Sulfurous acid, butyl 2-ethylhex... | 250 | C12H26O3S | 1000309-18-8 | 43   |
| 3    |    |   | Sulfurous acid, dodecyl 2-ethylh... | 362 | C20H42O3S | 1000309-19-5 | 43   |
| 4    |    |   | Nonane, 3-methyl-                   | 142 | C10H22    | 005911-04-6  | 43   |
| 5    |    |   | Octane, 2-bromo-                    | 192 | C8H17Br   | 000557-35-7  | 38   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU011722\  
Data File : VU046768.D  
Acq On : 17 Jan 2022 16:09  
Operator : SY/MD  
Sample : N1155-02MEDL 20X  
Misc : 6.08g/5.0mL/100uL/5.0mL/MSVOA\_U/MEOH  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
BGLT5MEDL

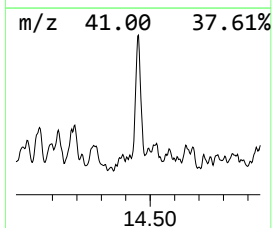
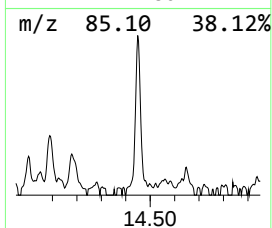
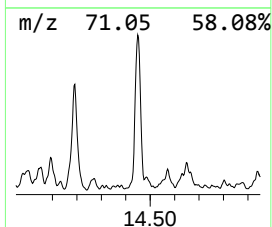
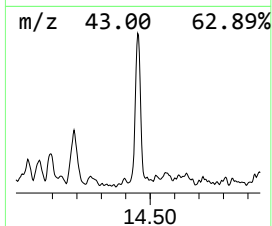
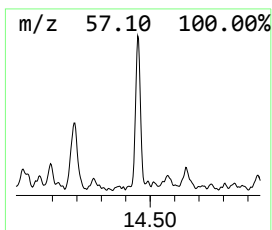
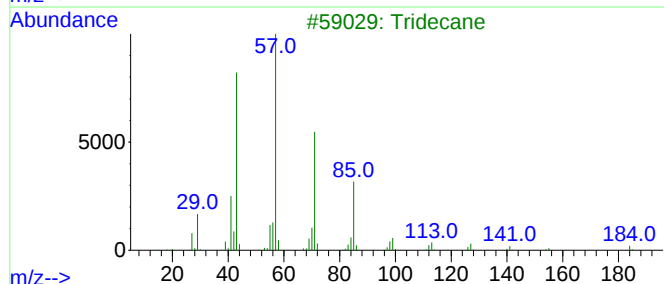
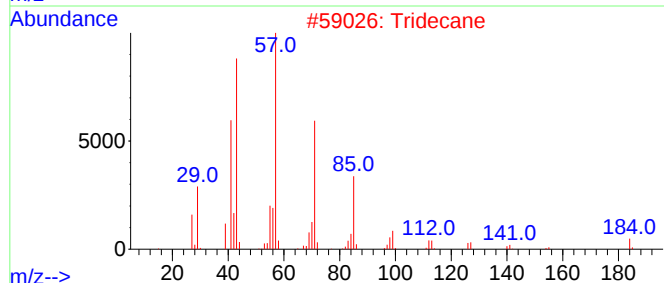
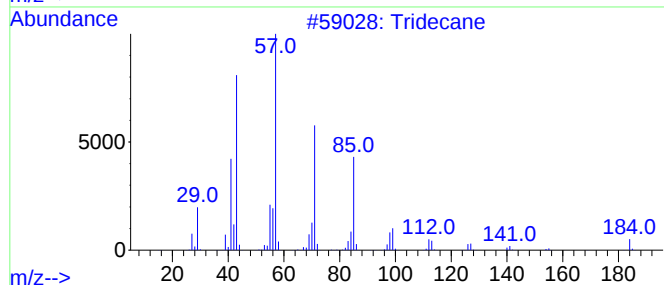
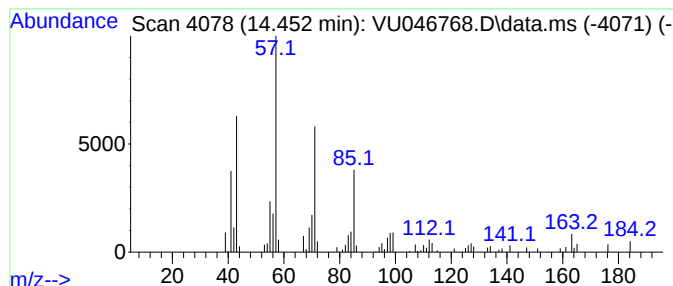
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Quant Title : VOC Analysis

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

\*\*\*\*\*  
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 19

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 14.452 | 3.26 ug/L | 44274 | 1,4-Dichlorobenzene-d4 | 11.812 |

| Hit# | of | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------|-----|---------|-------------|------|
| 1    |    |   | Tridecane    | 184 | C13H28  | 000629-50-5 | 96   |
| 2    |    |   | Tridecane    | 184 | C13H28  | 000629-50-5 | 93   |
| 3    |    |   | Tridecane    | 184 | C13H28  | 000629-50-5 | 90   |
| 4    |    |   | Tridecane    | 184 | C13H28  | 000629-50-5 | 90   |
| 5    |    |   | Hexadecane   | 226 | C16H34  | 000544-76-3 | 87   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU011722\  
Data File : VU046768.D  
Acq On : 17 Jan 2022 16:09  
Operator : SY/MD  
Sample : N1155-02MEDL 20X  
Misc : 6.08g/5.0mL/100uL/5.0mL/MSVOA\_U/MEOH  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
BGLT5MEDL

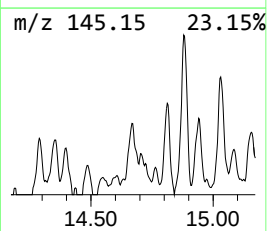
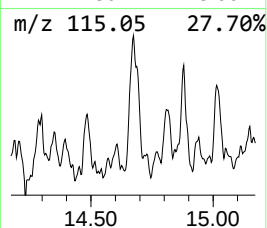
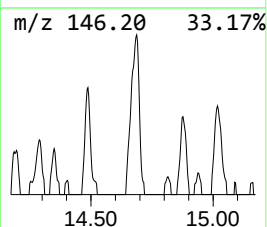
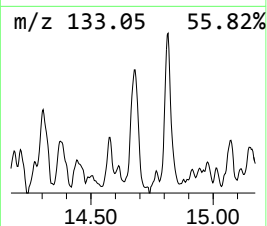
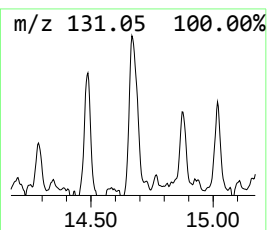
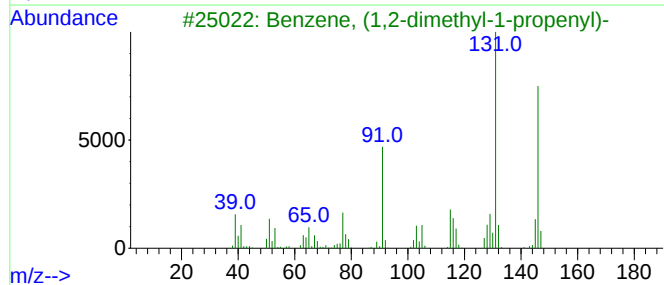
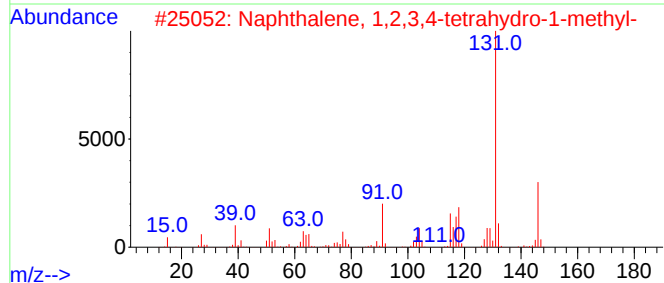
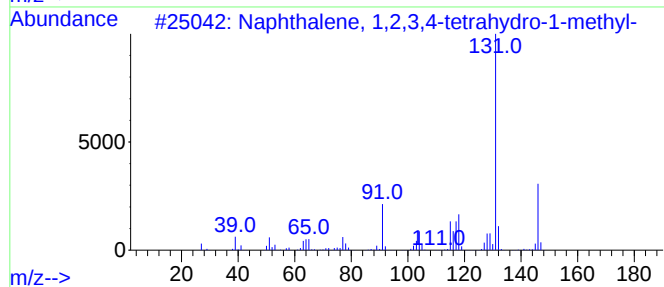
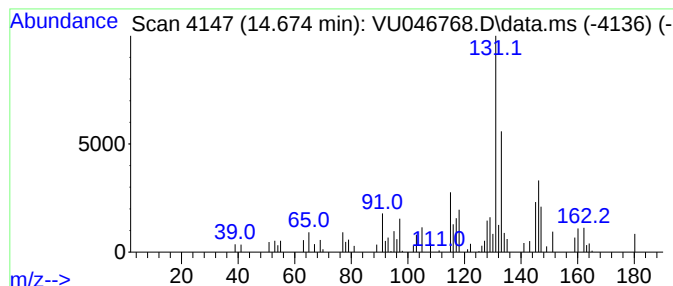
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Quant Title : VOC Analysis

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

\*\*\*\*\*  
Peak Number 18 Naphthalene, 1,2,3,4-tetra... Concentration Rank 18

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 14.674 | 3.50 ug/L | 47577 | 1,4-Dichlorobenzene-d4 | 11.812 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14  | 001559-81-5 | 55   |
| 2    |    |   | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14  | 001559-81-5 | 55   |
| 3    |    |   | Benzene, (1,2-dimethyl-1-propenyl)- | 146 | C11H14  | 000769-57-3 | 52   |
| 4    |    |   | 1H-Indene, 2,3-dihydro-1,2-dimet... | 146 | C11H14  | 017057-82-8 | 50   |
| 5    |    |   | Benzene, (2-methyl-1-butenyl)-      | 146 | C11H14  | 056253-64-6 | 46   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU011722\  
Data File : VU046768.D  
Acq On : 17 Jan 2022 16:09  
Operator : SY/MD  
Sample : N1155-02MEDL 20X  
Misc : 6.08g/5.0mL/100uL/5.0mL/MSVOA\_U/MEOH  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
BGLT5MEDL

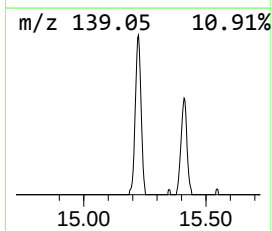
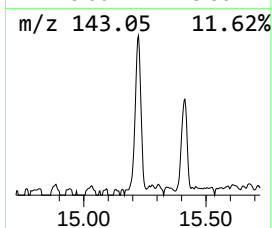
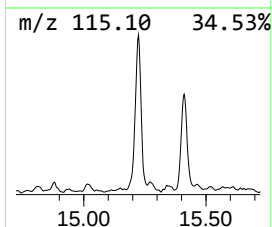
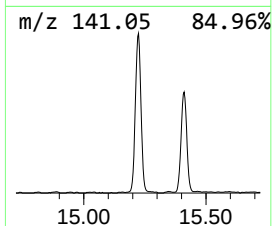
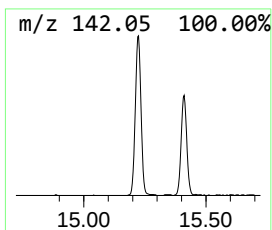
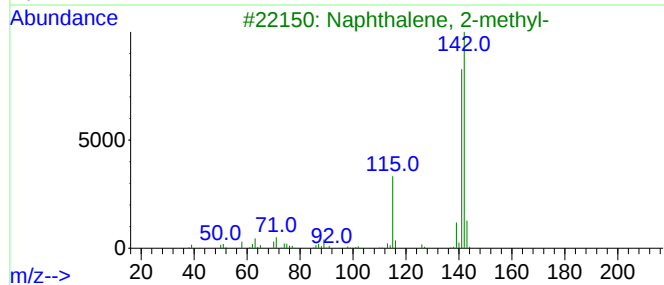
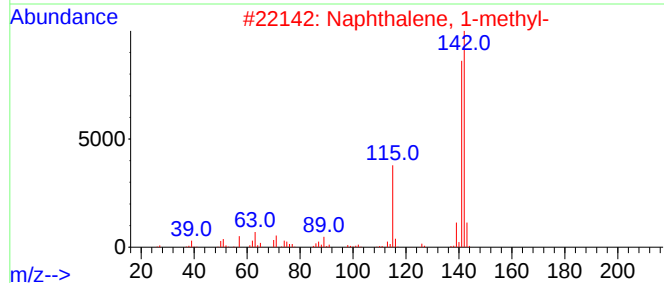
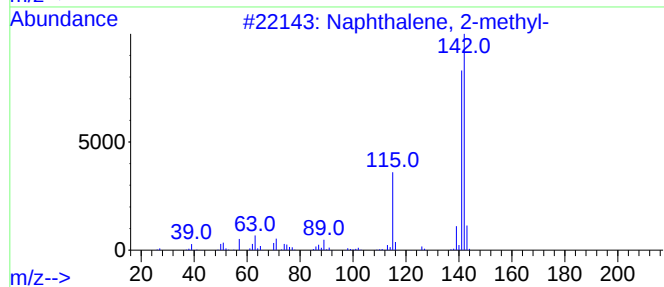
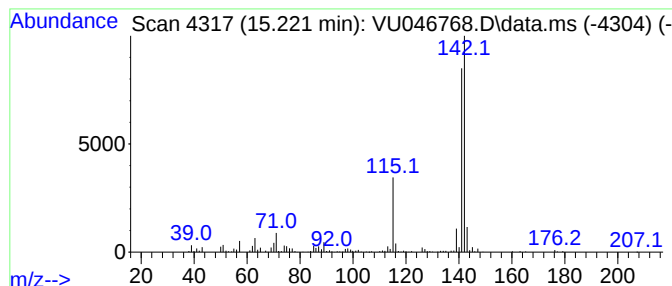
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Quant Title : VOC Analysis

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

\*\*\*\*\*  
Peak Number 19 Naphthalene, 2-methyl- Concentration Rank 3

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 15.221 | 15.80 ug/L | 214628 | 1,4-Dichlorobenzene-d4 | 11.812 |

| Hit# | of | 5 | Tentative ID           | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene, 2-methyl- | 142 | C11H10  | 000091-57-6 | 96   |
| 2    |    |   | Naphthalene, 1-methyl- | 142 | C11H10  | 000090-12-0 | 96   |
| 3    |    |   | Naphthalene, 2-methyl- | 142 | C11H10  | 000091-57-6 | 96   |
| 4    |    |   | Naphthalene, 1-methyl- | 142 | C11H10  | 000090-12-0 | 94   |
| 5    |    |   | Naphthalene, 1-methyl- | 142 | C11H10  | 000090-12-0 | 94   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU011722\  
Data File : VU046768.D  
Acq On : 17 Jan 2022 16:09  
Operator : SY/MD  
Sample : N1155-02MEDL 20X  
Misc : 6.08g/5.0mL/100uL/5.0mL/MSVOA\_U/MEOH  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
BGLT5MEDL

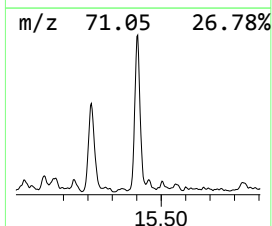
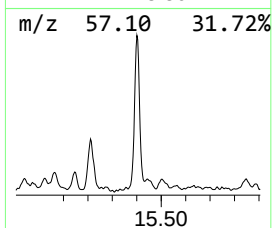
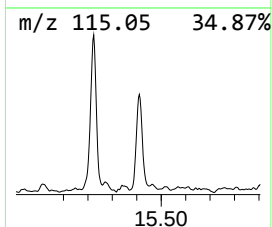
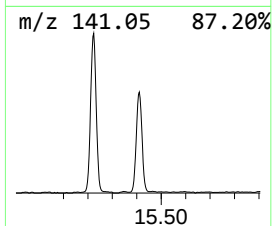
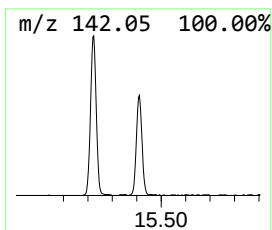
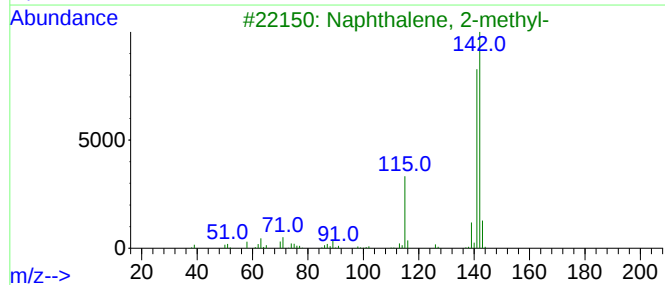
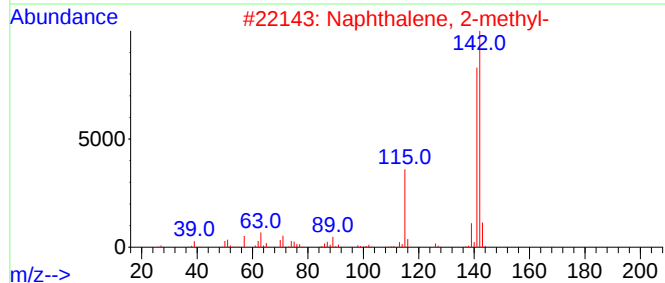
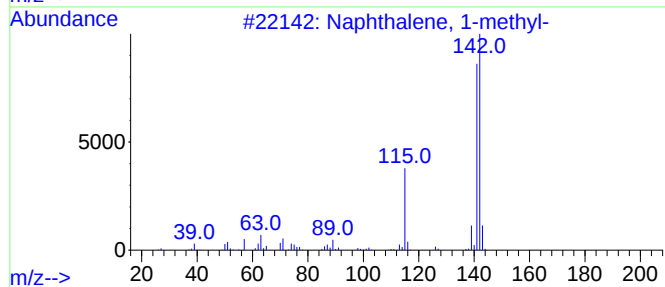
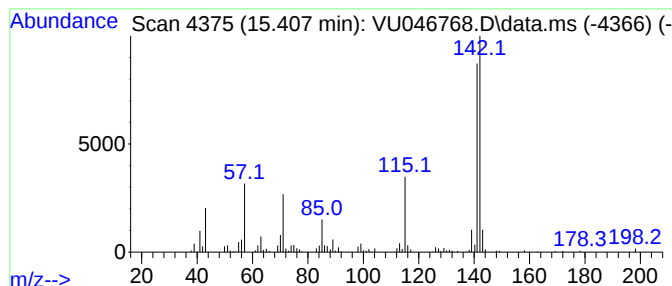
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Quant Title : VOC Analysis

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

\*\*\*\*\*  
Peak Number 20 Naphthalene, 1-methyl- Concentration Rank 5

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 15.407 | 14.56 ug/L | 197757 | 1,4-Dichlorobenzene-d4 | 11.812 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene, 1-methyl-              | 142 | C11H10  | 000090-12-0 | 96   |
| 2    |    |   | Naphthalene, 2-methyl-              | 142 | C11H10  | 000091-57-6 | 95   |
| 3    |    |   | Naphthalene, 2-methyl-              | 142 | C11H10  | 000091-57-6 | 93   |
| 4    |    |   | Naphthalene, 1-methyl-              | 142 | C11H10  | 000090-12-0 | 91   |
| 5    |    |   | 1,4-Methanonaphthalene, 1,4-dihy... | 142 | C11H10  | 004453-90-1 | 87   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU011722\  
Data File : VU046768.D  
Acq On : 17 Jan 2022 16:09  
Operator : SY/MD  
Sample : N1155-02MEDL 20X  
Misc : 6.08g/5.0mL/100uL/5.0mL/MSVOA\_U/MEOH  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
BGLT5MEDL

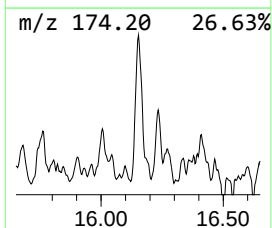
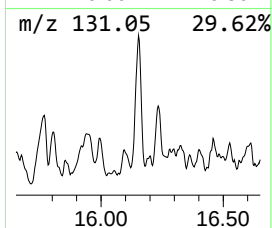
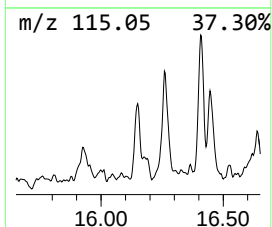
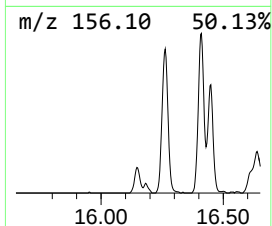
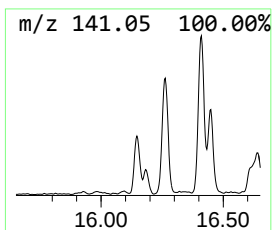
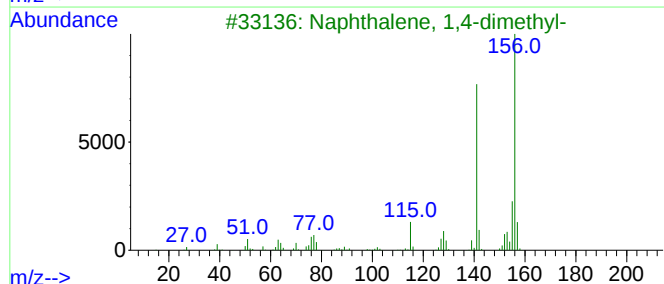
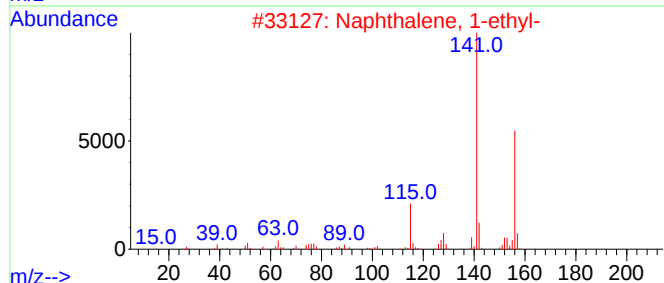
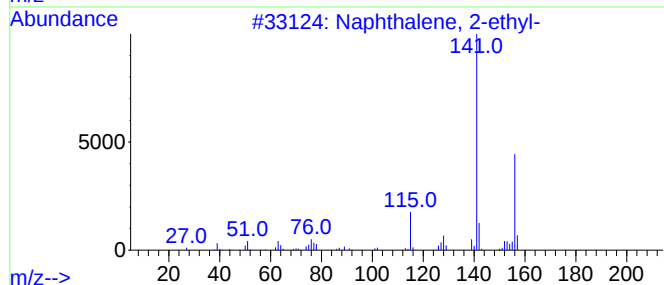
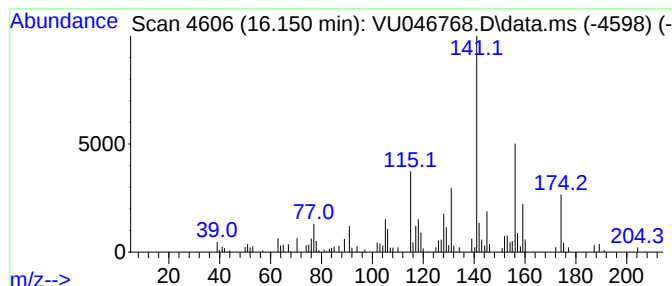
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Quant Title : VOC Analysis

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

\*\*\*\*\*  
Peak Number 21 Naphthalene, 2-ethyl- Concentration Rank 13

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 16.150 | 4.02 ug/L | 54603 | 1,4-Dichlorobenzene-d4 | 11.812 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene, 2-ethyl-      | 156 | C12H12  | 000939-27-5 | 90   |
| 2    |    |   | Naphthalene, 1-ethyl-      | 156 | C12H12  | 001127-76-0 | 78   |
| 3    |    |   | Naphthalene, 1,4-dimethyl- | 156 | C12H12  | 000571-58-4 | 64   |
| 4    |    |   | Naphthalene, 2,3-dimethyl- | 156 | C12H12  | 000581-40-8 | 64   |
| 5    |    |   | Naphthalene, 1,3-dimethyl- | 156 | C12H12  | 000575-41-7 | 64   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU011722\  
Data File : VU046768.D  
Acq On : 17 Jan 2022 16:09  
Operator : SY/MD  
Sample : N1155-02MEDL 20X  
Misc : 6.08g/5.0mL/100uL/5.0mL/MSVOA\_U/MEOH  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
BGLT5MEDL

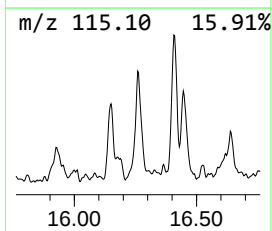
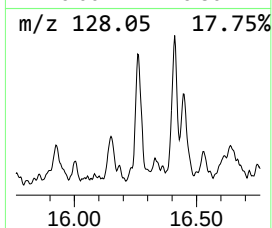
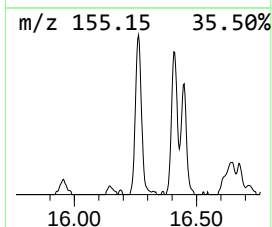
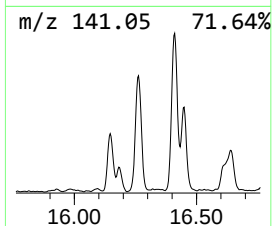
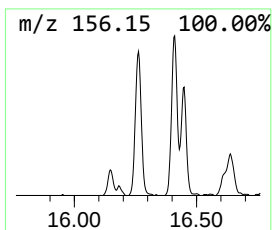
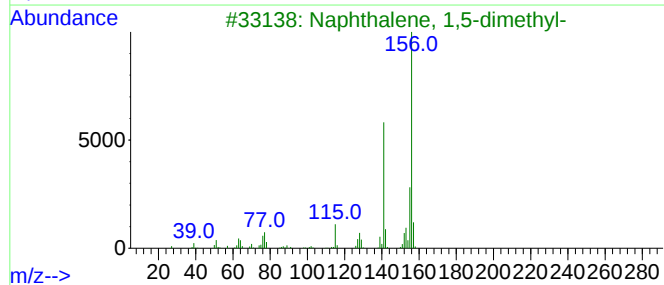
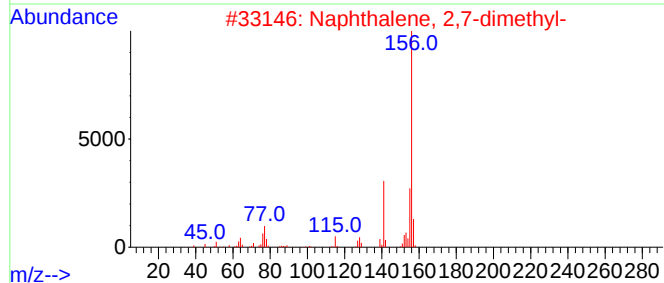
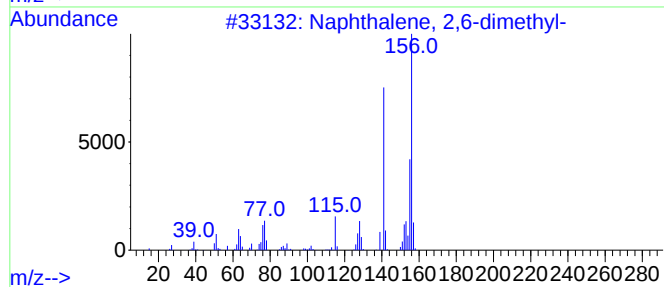
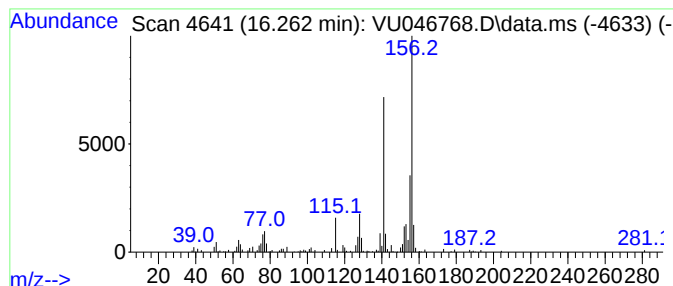
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Quant Title : VOC Analysis

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

\*\*\*\*\*  
Peak Number 22 Naphthalene, 2,6-dimethyl- Concentration Rank 8

| R.T.   | EstConc   | Area   | Relative to ISTD       | R.T.   |
|--------|-----------|--------|------------------------|--------|
| 16.262 | 8.09 ug/L | 109975 | 1,4-Dichlorobenzene-d4 | 11.812 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene, 2,6-dimethyl- | 156 | C12H12  | 000581-42-0 | 97   |
| 2    |    |   | Naphthalene, 2,7-dimethyl- | 156 | C12H12  | 000582-16-1 | 96   |
| 3    |    |   | Naphthalene, 1,5-dimethyl- | 156 | C12H12  | 000571-61-9 | 96   |
| 4    |    |   | Naphthalene, 2,7-dimethyl- | 156 | C12H12  | 000582-16-1 | 96   |
| 5    |    |   | Naphthalene, 1,5-dimethyl- | 156 | C12H12  | 000571-61-9 | 96   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU011722\  
Data File : VU046768.D  
Acq On : 17 Jan 2022 16:09  
Operator : SY/MD  
Sample : N1155-02MEDL 20X  
Misc : 6.08g/5.0mL/100uL/5.0mL/MSVOA\_U/MEOH  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
BGLT5MEDL

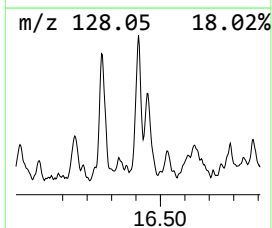
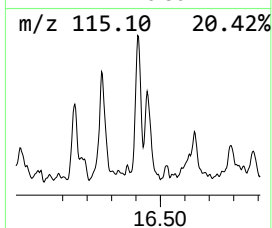
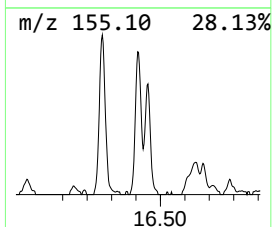
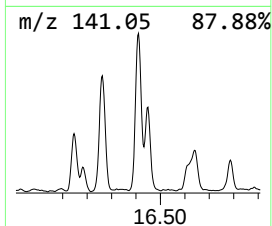
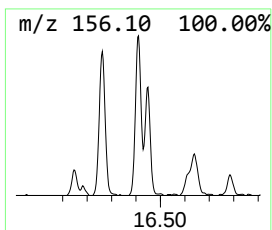
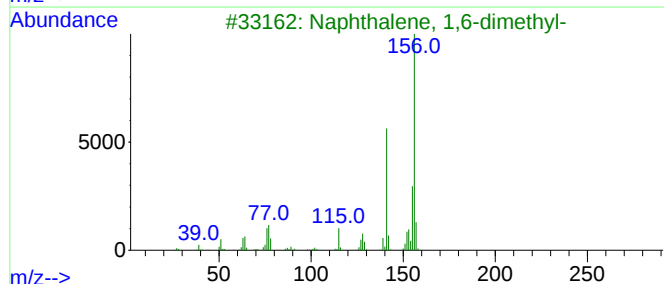
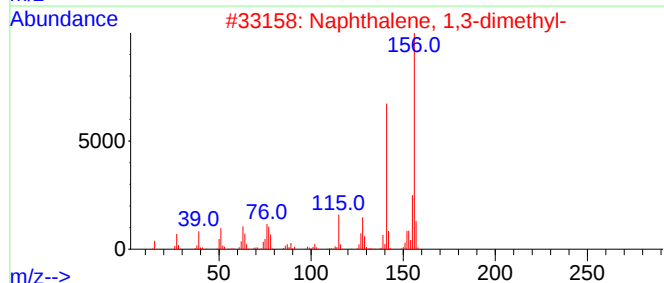
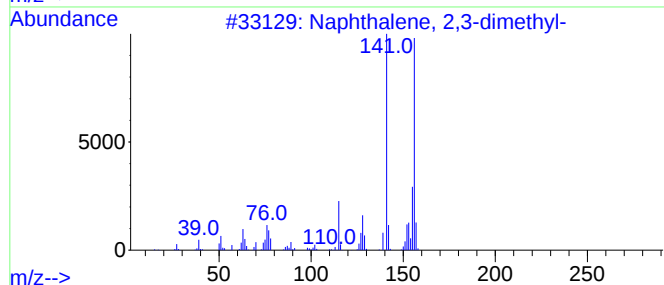
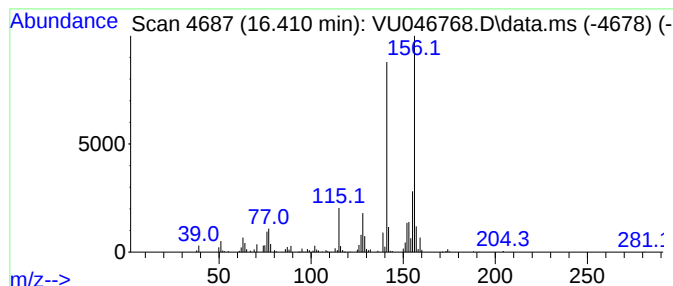
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Quant Title : VOC Analysis

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

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Peak Number 23 Naphthalene, 2,3-dimethyl- Concentration Rank 7

| R.T.   | EstConc   | Area   | Relative to ISTD       | R.T.   |
|--------|-----------|--------|------------------------|--------|
| 16.410 | 9.76 ug/L | 132580 | 1,4-Dichlorobenzene-d4 | 11.812 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene, 2,3-dimethyl- | 156 | C12H12  | 000581-40-8 | 98   |
| 2    |    |   | Naphthalene, 1,3-dimethyl- | 156 | C12H12  | 000575-41-7 | 97   |
| 3    |    |   | Naphthalene, 1,6-dimethyl- | 156 | C12H12  | 000575-43-9 | 97   |
| 4    |    |   | Naphthalene, 1,7-dimethyl- | 156 | C12H12  | 000575-37-1 | 97   |
| 5    |    |   | Naphthalene, 2,7-dimethyl- | 156 | C12H12  | 000582-16-1 | 97   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU011722\  
Data File : VU046768.D  
Acq On : 17 Jan 2022 16:09  
Operator : SY/MD  
Sample : N1155-02MEDL 20X  
Misc : 6.08g/5.0mL/100uL/5.0mL/MSVOA\_U/MEOH  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
BGLT5MEDL

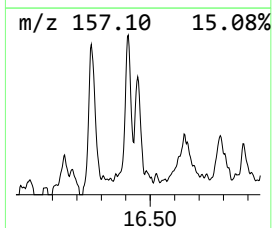
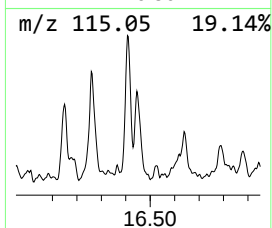
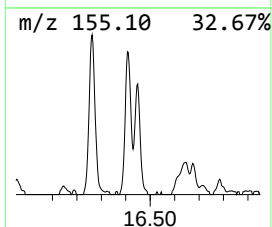
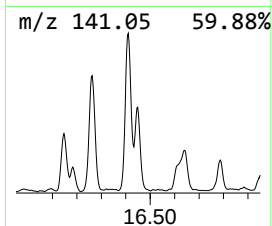
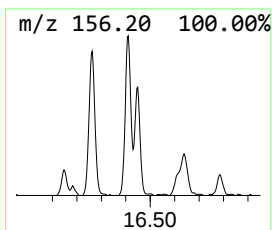
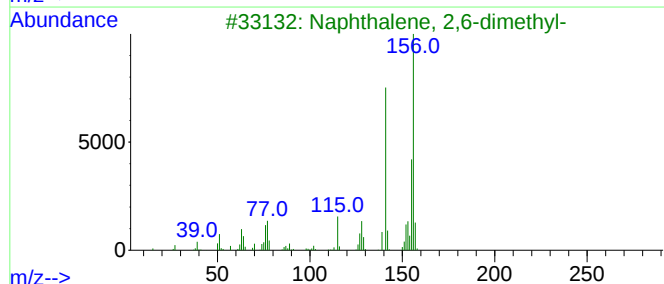
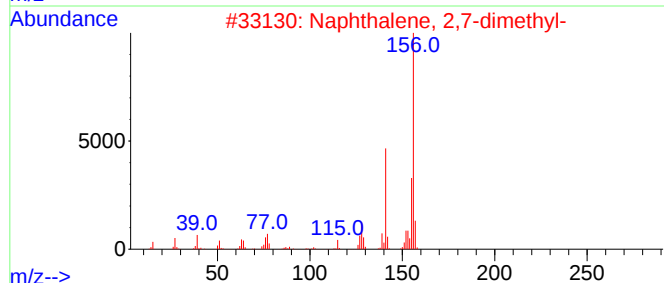
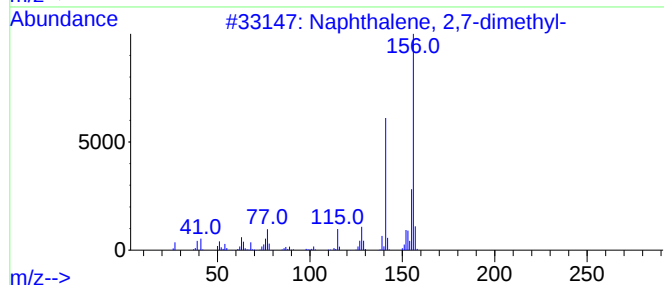
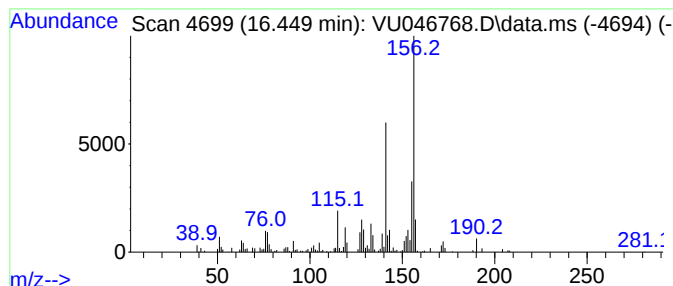
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM010522WMA.M  
Quant Title : VOC Analysis

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

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Peak Number 24 Naphthalene, 2,7-dimethyl- Concentration Rank 9

| R.T.   | EstConc   | Area   | Relative to ISTD       | R.T.   |
|--------|-----------|--------|------------------------|--------|
| 16.449 | 8.05 ug/L | 109344 | 1,4-Dichlorobenzene-d4 | 11.812 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene, 2,7-dimethyl- | 156 | C12H12  | 000582-16-1 | 96   |
| 2    |    |   | Naphthalene, 2,7-dimethyl- | 156 | C12H12  | 000582-16-1 | 96   |
| 3    |    |   | Naphthalene, 2,6-dimethyl- | 156 | C12H12  | 000581-42-0 | 95   |
| 4    |    |   | Naphthalene, 1,4-dimethyl- | 156 | C12H12  | 000571-58-4 | 94   |
| 5    |    |   | Naphthalene, 1,7-dimethyl- | 156 | C12H12  | 000575-37-1 | 94   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU011722\  
 Data File : VU046768.D  
 Acq On : 17 Jan 2022 16:09  
 Operator : SY/MD  
 Sample : N1155-02MEDL 20X  
 Misc : 6.08g/5.0mL/100uL/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BGLT5MEDL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM010522WMA.M  
 Quant Title : VOC Analysis

TIC Library : C:\Database\NIST0.L  
 TIC Integration Parameters: LSCINT.P

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| (DEL) Alkane: S... | 10.668 | 3.0     | ug/L  | 40528    | 3                     | 11.812 | 679319 | 50.0 |
| Benzene, 1-ethy... | 10.999 | 6.2     | ug/L  | 84430    | 3                     | 11.812 | 679319 | 50.0 |
| Benzene, 1-ethy... | 11.295 | 3.9     | ug/L  | 52836    | 3                     | 11.812 | 679319 | 50.0 |
| (DEL) Alkane: S... | 11.417 | 2.5     | ug/L  | 34674    | 3                     | 11.812 | 679319 | 50.0 |
| unknown-01         | 11.703 | 3.6     | ug/L  | 49619    | 3                     | 11.812 | 679319 | 50.0 |
| Benzene, 1,2,3-... | 11.903 | 6.3     | ug/L  | 84889    | 3                     | 11.812 | 679319 | 50.0 |
| Indane             | 12.095 | 5.8     | ug/L  | 78380    | 3                     | 11.812 | 679319 | 50.0 |
| (DEL) Alkane: S... | 12.327 | 17.6    | ug/L  | 238841   | 3                     | 11.812 | 679319 | 50.0 |
| unknown-02         | 12.382 | 3.6     | ug/L  | 48369    | 3                     | 11.812 | 679319 | 50.0 |
| (DEL) Alkane: C... | 12.928 | 2.6     | ug/L  | 35087    | 3                     | 11.812 | 679319 | 50.0 |
| Benzene, 1,2,3,... | 13.028 | 2.6     | ug/L  | 35605    | 3                     | 11.812 | 679319 | 50.0 |
| (DEL) Alkane: S... | 13.433 | 10.9    | ug/L  | 147711   | 3                     | 11.812 | 679319 | 50.0 |
| Azulene            | 14.086 | 32.6    | ug/L  | 442991   | 3                     | 11.812 | 679319 | 50.0 |
| (DEL) Alkane: S... | 14.189 | 3.5     | ug/L  | 48261    | 3                     | 11.812 | 679319 | 50.0 |
| (DEL) Alkane: S... | 14.452 | 3.3     | ug/L  | 44274    | 3                     | 11.812 | 679319 | 50.0 |
| Naphthalene, 1,... | 14.674 | 3.5     | ug/L  | 47577    | 3                     | 11.812 | 679319 | 50.0 |
| Naphthalene, 2-... | 15.221 | 15.8    | ug/L  | 214628   | 3                     | 11.812 | 679319 | 50.0 |
| Naphthalene, 1-... | 15.407 | 14.6    | ug/L  | 197757   | 3                     | 11.812 | 679319 | 50.0 |
| Naphthalene, 2-... | 16.150 | 4.0     | ug/L  | 54603    | 3                     | 11.812 | 679319 | 50.0 |
| Naphthalene, 2,... | 16.262 | 8.1     | ug/L  | 109975   | 3                     | 11.812 | 679319 | 50.0 |
| Naphthalene, 2,... | 16.410 | 9.8     | ug/L  | 132580   | 3                     | 11.812 | 679319 | 50.0 |
| Naphthalene, 2,... | 16.449 | 8.1     | ug/L  | 109344   | 3                     | 11.812 | 679319 | 50.0 |