

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_N\DATA\VN093020\  
 Data File : VN063749.D  
 Acq On : 30 Sep 2020 15:08  
 Operator : JC/MD  
 Sample : L4129-16  
 Misc : 5.90g/5mL/100uL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 DRUM-COMP-1

## Integration Parameters: RTEINT.P

Integrator: RTE  
 Smoothing : ON  
 Sampling : 1  
 Start Thrs: 0.2  
 Stop Thrs : 0

Filtering: 5  
 Min Area: 3 % of largest Peak  
 Max Peaks: 100  
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N093020W.M  
 Title : SW846 8260

Signal : TIC

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|--------|----------|------------|----------|-----------|-------|-------------|------------|--------------|------------|
| 1      | 2.409    | 196        | 208      | 209       | rBV8  | 21909       | 29309      | 1.35%        | 0.162%     |
| 2      | 4.283    | 777        | 791      | 809       | rBV2  | 17726       | 49176      | 2.27%        | 0.272%     |
| 3      | 4.489    | 836        | 855      | 877       | rBV6  | 12597       | 45876      | 2.12%        | 0.253%     |
| 4      | 6.820    | 1561       | 1580     | 1600      | rVB2  | 12564       | 45721      | 2.11%        | 0.253%     |
| 5      | 7.547    | 1785       | 1806     | 1816      | rBV2  | 154910      | 391533     | 18.10%       | 2.163%     |
| 6      | 7.621    | 1817       | 1829     | 1847      | rVB   | 270213      | 658893     | 30.46%       | 3.639%     |
| 7      | 7.833    | 1880       | 1895     | 1910      | rBV8  | 9038        | 22318      | 1.03%        | 0.123%     |
| 8      | 7.987    | 1922       | 1943     | 1965      | rBV3  | 257489      | 673230     | 31.12%       | 3.719%     |
| 9      | 8.396    | 2055       | 2070     | 2086      | rBV2  | 26204       | 56431      | 2.61%        | 0.312%     |
| 10     | 8.547    | 2102       | 2117     | 2140      | rBV   | 419382      | 889689     | 41.13%       | 4.914%     |
| 11     | 8.775    | 2177       | 2188     | 2206      | rBV6  | 18650       | 50294      | 2.32%        | 0.278%     |
| 12     | 9.042    | 2250       | 2271     | 2286      | rBV4  | 44026       | 99327      | 4.59%        | 0.549%     |
| 13     | 9.695    | 2461       | 2474     | 2495      | rVB5  | 25456       | 62050      | 2.87%        | 0.343%     |
| 14     | 9.836    | 2501       | 2518     | 2530      | rBV4  | 21236       | 45928      | 2.12%        | 0.254%     |
| 15     | 10.058   | 2567       | 2587     | 2598      | rVV   | 688026      | 1295460    | 59.88%       | 7.156%     |
| 16     | 10.122   | 2598       | 2607     | 2622      | rVB   | 283916      | 532123     | 24.60%       | 2.939%     |
| 17     | 10.254   | 2632       | 2648     | 2663      | rVB   | 74443       | 139194     | 6.43%        | 0.769%     |
| 18     | 10.399   | 2681       | 2693     | 2704      | rVB5  | 12996       | 24967      | 1.15%        | 0.138%     |
| 19     | 10.473   | 2704       | 2716     | 2721      | rBV3  | 12374       | 23672      | 1.09%        | 0.131%     |
| 20     | 10.692   | 2775       | 2784     | 2794      | rBV5  | 13362       | 23472      | 1.09%        | 0.130%     |
| 21     | 10.794   | 2804       | 2816     | 2823      | rBV4  | 12621       | 24577      | 1.14%        | 0.136%     |
| 22     | 10.920   | 2848       | 2855     | 2864      | rVB3  | 16099       | 25045      | 1.16%        | 0.138%     |
| 23     | 10.975   | 2864       | 2872     | 2882      | rVB4  | 17961       | 30874      | 1.43%        | 0.171%     |
| 24     | 11.097   | 2900       | 2910     | 2917      | rBV2  | 15628       | 24533      | 1.13%        | 0.136%     |
| 25     | 11.171   | 2919       | 2933     | 2949      | rVB5  | 51481       | 109523     | 5.06%        | 0.605%     |
| 26     | 11.274   | 2954       | 2965     | 2979      | rVB2  | 36369       | 61008      | 2.82%        | 0.337%     |
| 27     | 11.380   | 2984       | 2998     | 3017      | rBV   | 669076      | 1202008    | 55.56%       | 6.639%     |
| 28     | 11.486   | 3020       | 3031     | 3046      | rBV   | 84231       | 154817     | 7.16%        | 0.855%     |
| 29     | 11.595   | 3049       | 3065     | 3086      | rBV3  | 424882      | 977193     | 45.17%       | 5.398%     |
| 30     | 11.923   | 3146       | 3167     | 3189      | rBV   | 226302      | 504160     | 23.31%       | 2.785%     |
| 31     | 12.019   | 3189       | 3197     | 3205      | rVB3  | 21916       | 33016      | 1.53%        | 0.182%     |
| 32     | 12.097   | 3211       | 3221     | 3226      | rBV10 | 19163       | 34599      | 1.60%        | 0.191%     |
| 33     | 12.135   | 3228       | 3233     | 3242      | rVB6  | 23823       | 39665      | 1.83%        | 0.219%     |
| 34     | 12.380   | 3299       | 3309     | 3320      | rBV   | 525369      | 865413     | 40.00%       | 4.780%     |

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ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
DRUM-COMP-1

## Integration Parameters: RTEINT.P

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Sampling : 1  
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Stop Thrs : 0  
Filtering: 5  
Min Area: 3 % of largest Peak  
Max Peaks: 100  
Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N093020W.M  
Title : SW846 8260

|    |        |      |      |      |       |         |         |         |         |
|----|--------|------|------|------|-------|---------|---------|---------|---------|
| 35 | 12.563 | 3363 | 3366 | 3376 | rVB2  | 26687   | 37058   | 1.71%   | 0.205%  |
| 36 | 12.630 | 3376 | 3387 | 3394 | rBV   | 112284  | 199630  | 9.23%   | 1.103%  |
| 37 | 12.704 | 3402 | 3410 | 3422 | rVB3  | 356695  | 545106  | 25.20%  | 3.011%  |
| 38 | 12.868 | 3446 | 3461 | 3469 | rBV2  | 51627   | 111363  | 5.15%   | 0.615%  |
| 39 | 12.936 | 3477 | 3482 | 3496 | rVB5  | 33154   | 54554   | 2.52%   | 0.301%  |
| 40 | 13.016 | 3496 | 3507 | 3516 | rBV   | 245901  | 390455  | 18.05%  | 2.157%  |
| 41 | 13.068 | 3517 | 3523 | 3532 | rVB4  | 27800   | 41804   | 1.93%   | 0.231%  |
| 42 | 13.219 | 3563 | 3570 | 3579 | rBV7  | 31335   | 58271   | 2.69%   | 0.322%  |
| 43 | 13.318 | 3589 | 3601 | 3620 | rBV2  | 683822  | 1370700 | 63.36%  | 7.571%  |
| 44 | 13.518 | 3657 | 3663 | 3669 | rBV2  | 41862   | 54091   | 2.50%   | 0.299%  |
| 45 | 13.560 | 3670 | 3676 | 3687 | rVB4  | 48195   | 80656   | 3.73%   | 0.446%  |
| 46 | 13.650 | 3692 | 3704 | 3711 | rBV   | 198184  | 309848  | 14.32%  | 1.711%  |
| 47 | 13.698 | 3711 | 3719 | 3731 | rVB3  | 107375  | 178222  | 8.24%   | 0.984%  |
| 48 | 13.765 | 3732 | 3740 | 3748 | rBV4  | 55365   | 97631   | 4.51%   | 0.539%  |
| 49 | 13.862 | 3765 | 3770 | 3780 | rVB3  | 57510   | 83533   | 3.86%   | 0.461%  |
| 50 | 13.968 | 3795 | 3803 | 3811 | rBV3  | 56789   | 92602   | 4.28%   | 0.511%  |
| 51 | 14.270 | 3891 | 3897 | 3904 | rBV5  | 55594   | 80120   | 3.70%   | 0.443%  |
| 52 | 14.498 | 3948 | 3968 | 3976 | rBV3  | 121701  | 210975  | 9.75%   | 1.165%  |
| 53 | 14.560 | 3977 | 3987 | 3999 | rBV4  | 99498   | 224810  | 10.39%  | 1.242%  |
| 54 | 14.624 | 4000 | 4007 | 4017 | rVV10 | 57954   | 107352  | 4.96%   | 0.593%  |
| 55 | 14.823 | 4064 | 4069 | 4076 | rBV5  | 32274   | 44230   | 2.04%   | 0.244%  |
| 56 | 15.103 | 4143 | 4156 | 4180 | rBV   | 1192078 | 2163268 | 100.00% | 11.949% |
| 57 | 15.582 | 4300 | 4305 | 4317 | rVB3  | 69015   | 115625  | 5.34%   | 0.639%  |
| 58 | 15.730 | 4343 | 4351 | 4377 | rVB7  | 99266   | 232220  | 10.73%  | 1.283%  |
| 59 | 15.868 | 4386 | 4394 | 4403 | rVB10 | 49283   | 97429   | 4.50%   | 0.538%  |
| 60 | 16.122 | 4460 | 4473 | 4486 | rVB   | 488272  | 981645  | 45.38%  | 5.422%  |
| 61 | 16.312 | 4520 | 4532 | 4557 | rVB2  | 390653  | 895922  | 41.42%  | 4.949%  |

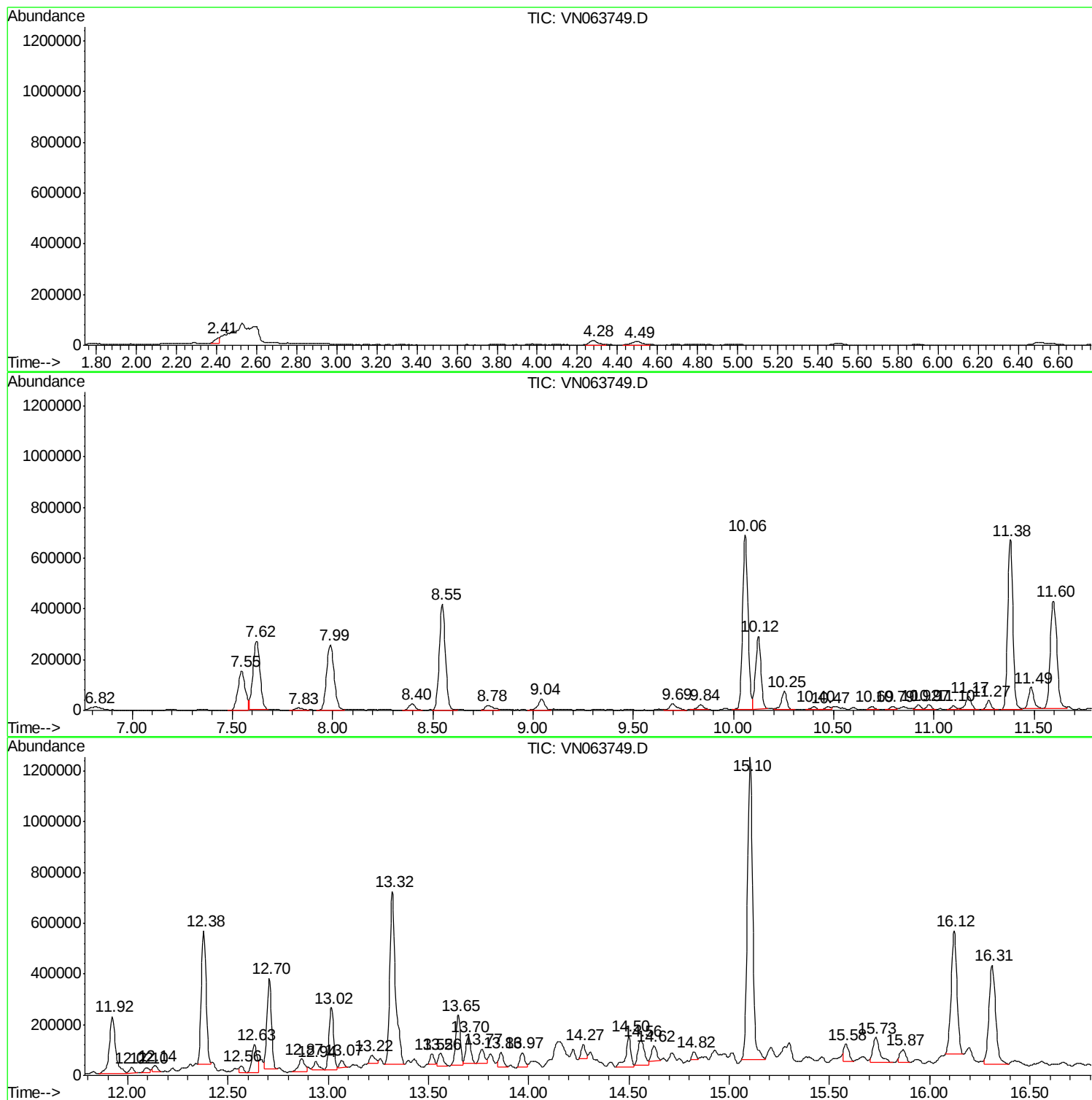
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Instrument :  
MSVOA\_N  
ClientSampleId :  
DRUM-COMP-1

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N093020W.M  
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P



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ALS Vial : 15 Sample Multiplier: 1

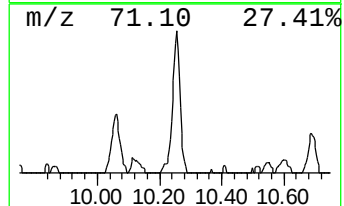
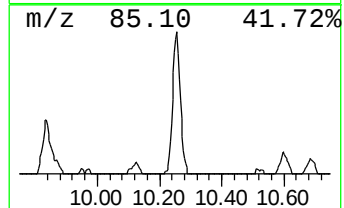
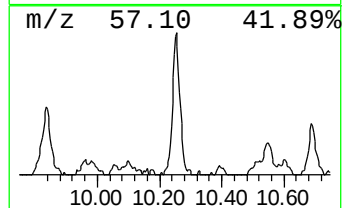
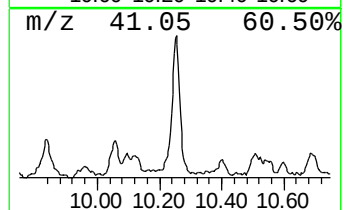
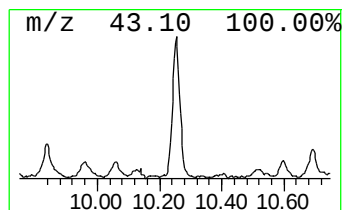
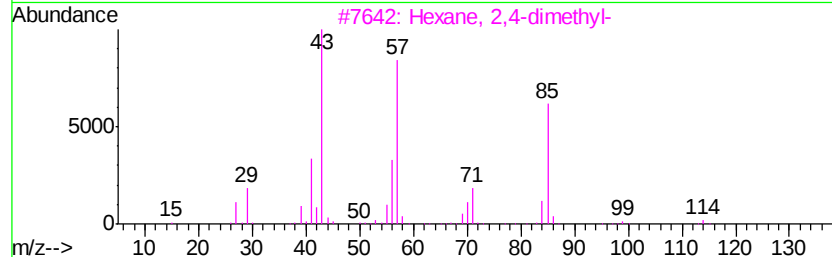
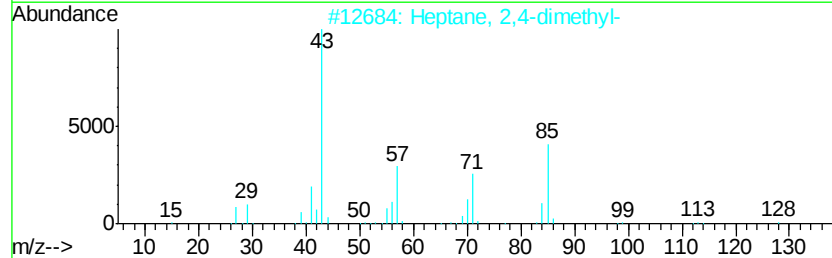
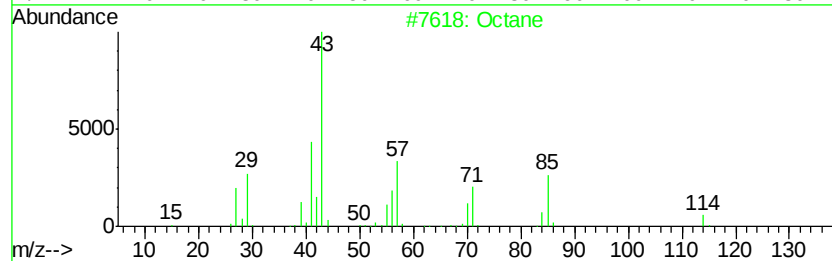
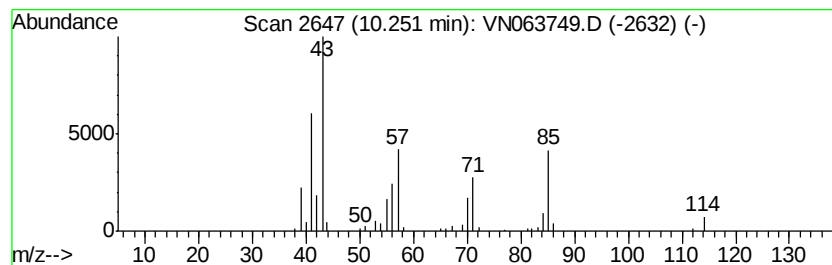
Instrument :  
MSVOA\_N  
ClientSampled :  
DRUM-COMP-1

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N093020W.M  
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Octane Concentration Rank 9

| R.T.    | EstConc                               | Area         | Relative to ISTD | R.T.           |
|---------|---------------------------------------|--------------|------------------|----------------|
| 10.25   | 5.79 ug/l                             | 139194       | Chlorobenzene-d5 | 11.38          |
| Hit# of | 5                                     | Tentative ID | MW MolForm       | CAS# Qual      |
| 1       | Octane                                |              | 114 C8H18        | 000111-65-9 91 |
| 2       | Heptane, 2,4-dimethyl-                |              | 128 C9H20        | 002213-23-2 72 |
| 3       | Hexane, 2,4-dimethyl-                 |              | 114 C8H18        | 000589-43-5 64 |
| 4       | Methylamine, N-(1-ethylpentylidene... |              | 127 C8H17N       | 018641-73-1 64 |
| 5       | Hexane, 3-ethyl-                      |              | 114 C8H18        | 000619-99-8 59 |



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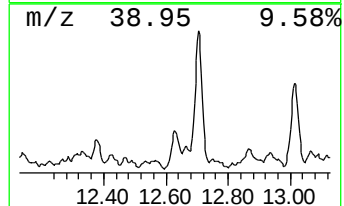
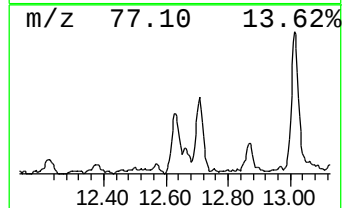
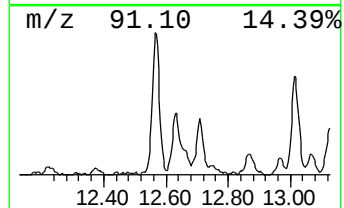
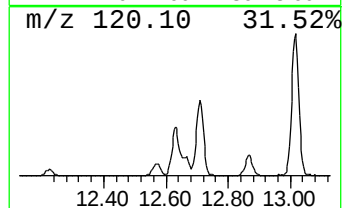
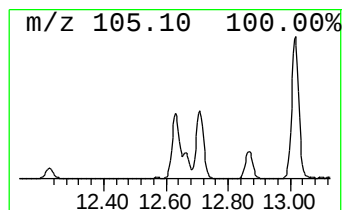
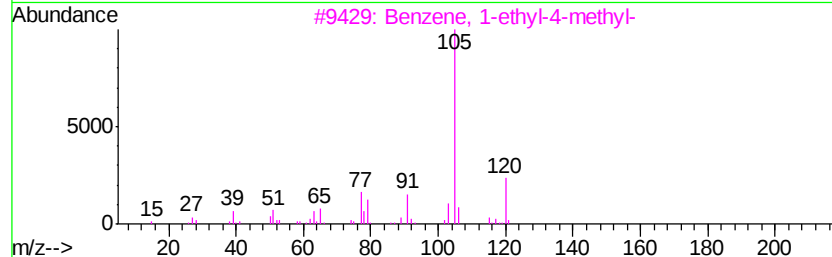
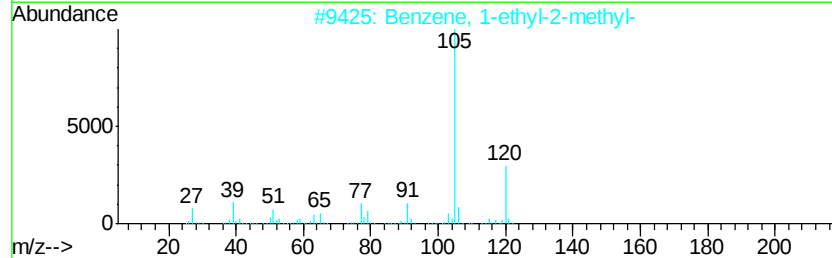
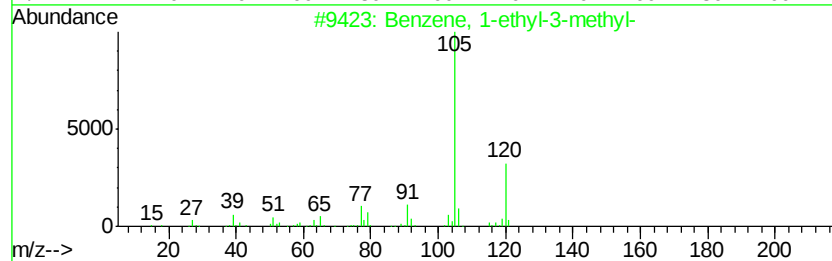
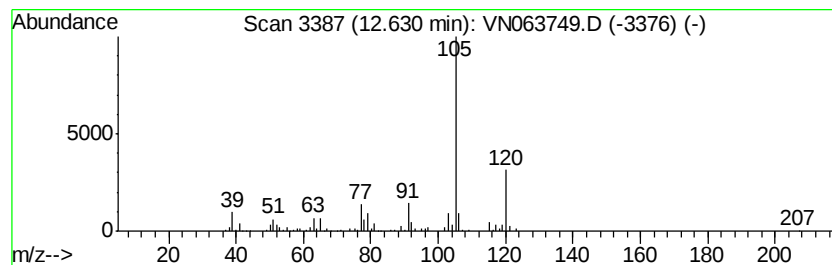
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N093020W.M  
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 Benzene, 1-ethyl-3-methyl- Concentration Rank 7

| R.T.  | EstConc   | Area   | Relative to ISTD       | R.T.  |
|-------|-----------|--------|------------------------|-------|
| 12.63 | 7.28 ug/l | 199630 | 1,4-Dichlorobenzene-d4 | 13.32 |

| Hit# | of | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|----------------------------|-----|---------|-------------|------|
| 1    | 5  | Benzene, 1-ethyl-3-methyl- | 120 | C9H12   | 000620-14-4 | 97   |
| 2    |    | Benzene, 1-ethyl-2-methyl- | 120 | C9H12   | 000611-14-3 | 95   |
| 3    |    | Benzene, 1-ethyl-4-methyl- | 120 | C9H12   | 000622-96-8 | 91   |
| 4    |    | Benzene, 1,2,3-trimethyl-  | 120 | C9H12   | 000526-73-8 | 91   |
| 5    |    | Mesitylene                 | 120 | C9H12   | 000108-67-8 | 91   |



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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N093020W.M  
Quant Title : SW846 8260

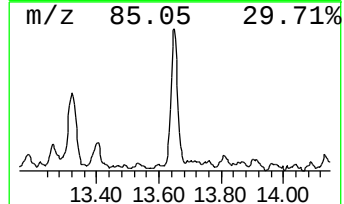
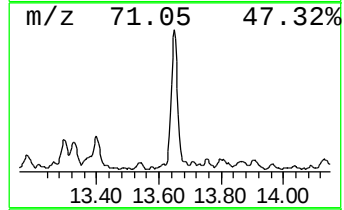
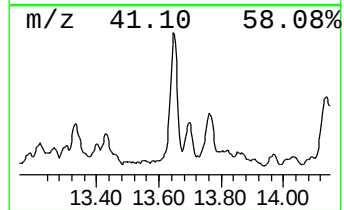
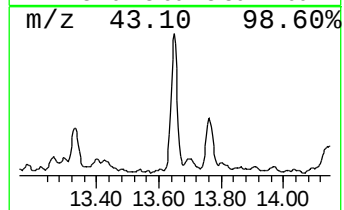
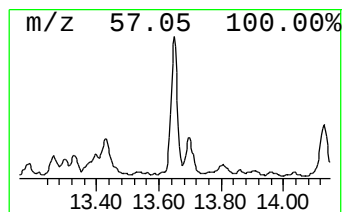
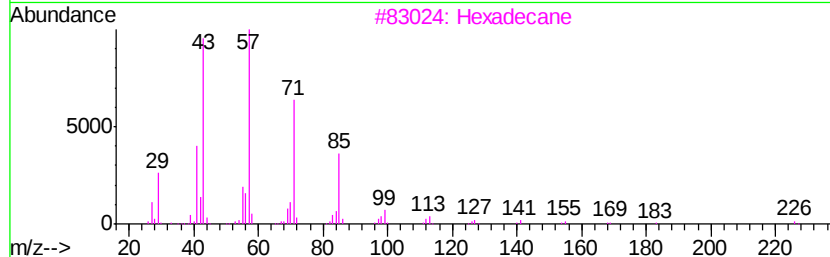
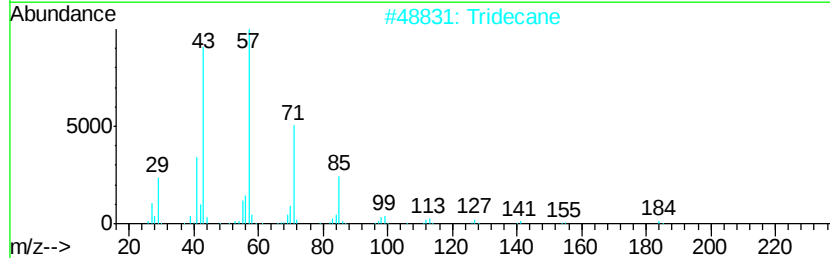
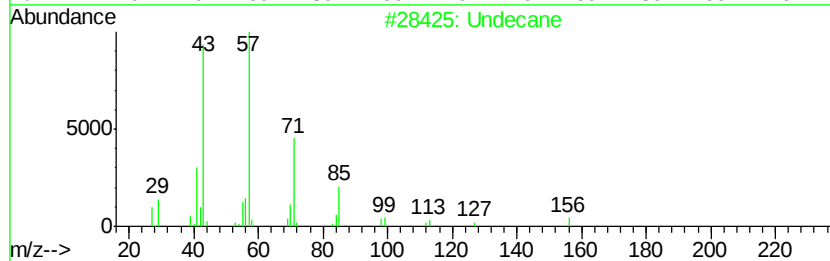
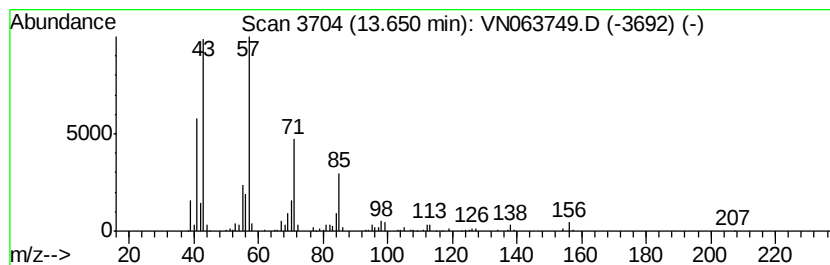
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 3 Undecane Concentration Rank 3

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 13.65 | 11.30 ug/l | 309848 | 1,4-Dichlorobenzene-d4 | 13.32 |

| Hit# | of | Tentative ID             | MW  | MolForm | CAS#        | Qual |
|------|----|--------------------------|-----|---------|-------------|------|
| 1    | 5  | Undecane                 | 156 | C11H24  | 001120-21-4 | 94   |
| 2    |    | Tridecane                | 184 | C13H28  | 000629-50-5 | 80   |
| 3    |    | Hexadecane               | 226 | C16H34  | 000544-76-3 | 78   |
| 4    |    | Decane, 2,3,5-trimethyl- | 184 | C13H28  | 062238-11-3 | 64   |
| 5    |    | Decane                   | 142 | C10H22  | 000124-18-5 | 59   |



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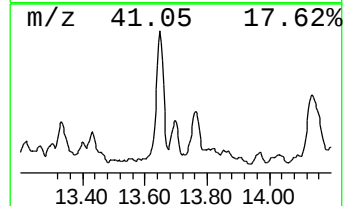
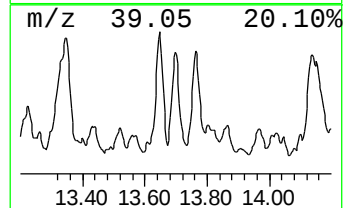
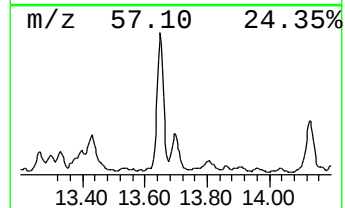
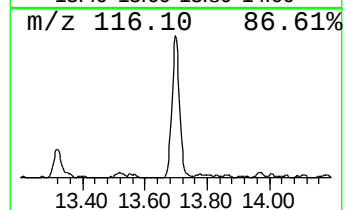
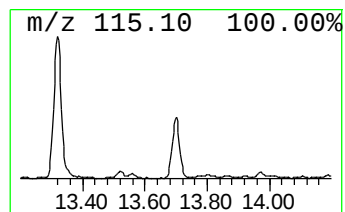
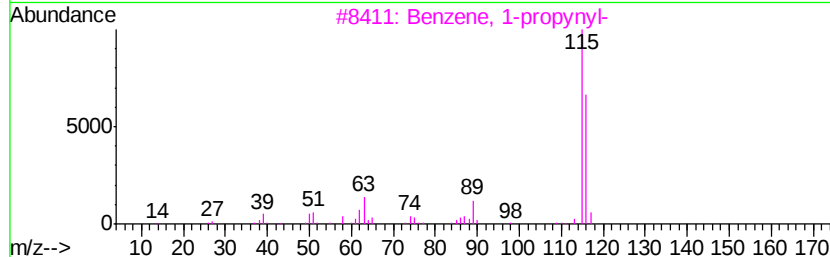
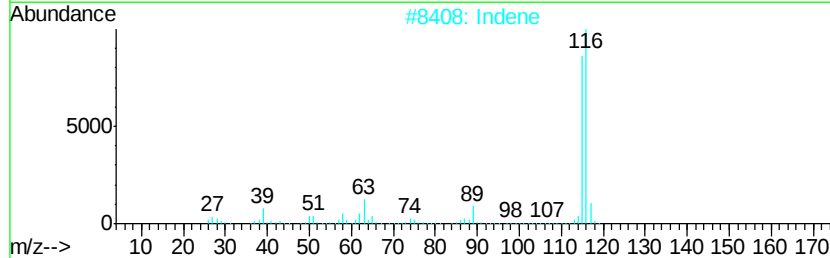
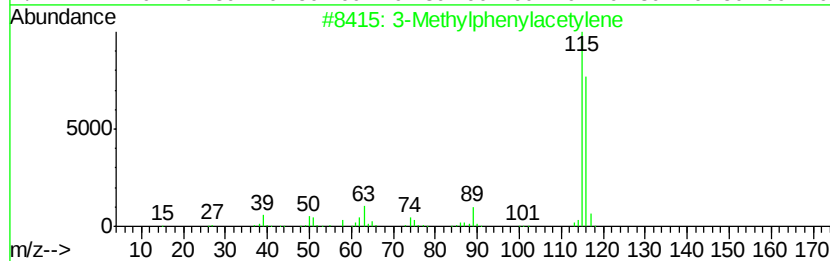
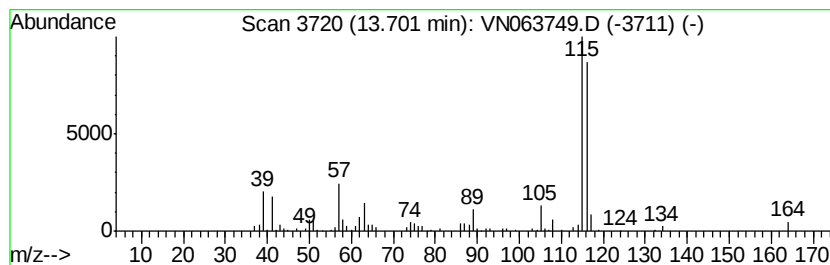
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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 4 3-Methylphenylacetylene Concentration Rank 8

| R.T.  | EstConc   | Area   | Relative to ISTD       | R.T.  |
|-------|-----------|--------|------------------------|-------|
| 13.70 | 6.50 ug/l | 178222 | 1,4-Dichlorobenzene-d4 | 13.32 |

| Hit# | of | Tentative ID                 | MW  | MolForm | CAS#        | Qual |
|------|----|------------------------------|-----|---------|-------------|------|
| 1    | 5  | 3-Methylphenylacetylene      | 116 | C9H8    | 000766-82-5 | 95   |
| 2    |    | Indene                       | 116 | C9H8    | 000095-13-6 | 90   |
| 3    |    | Benzene, 1-propynyl-         | 116 | C9H8    | 000673-32-5 | 90   |
| 4    |    | Benzene, 1,2-propadienyl-    | 116 | C9H8    | 002327-99-3 | 90   |
| 5    |    | Benzene, 1-ethynyl-4-methyl- | 116 | C9H8    | 000766-97-2 | 87   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_N\DATA\VN093020\  
Data File : VN063749.D  
Acq On : 30 Sep 2020 15:08  
Operator : JC/MD  
Sample : L4129-16  
Misc : 5.90µL/5mL/100µL/5.00mL/MSVOA\_N/MEOH  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
DRUM-COMP-1

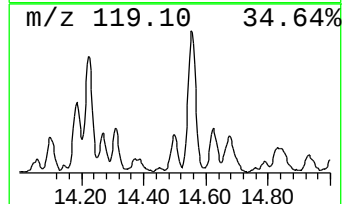
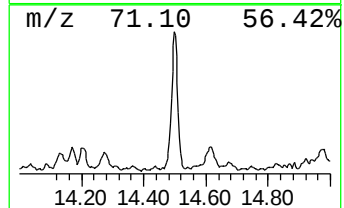
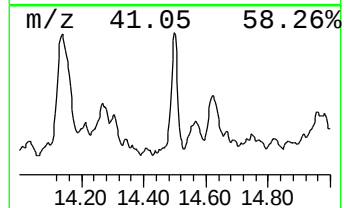
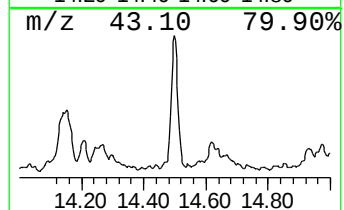
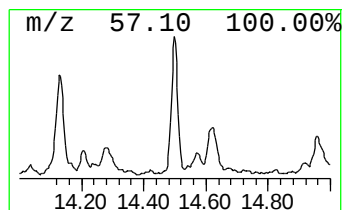
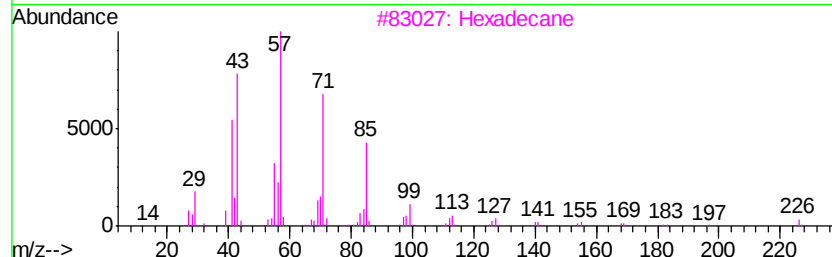
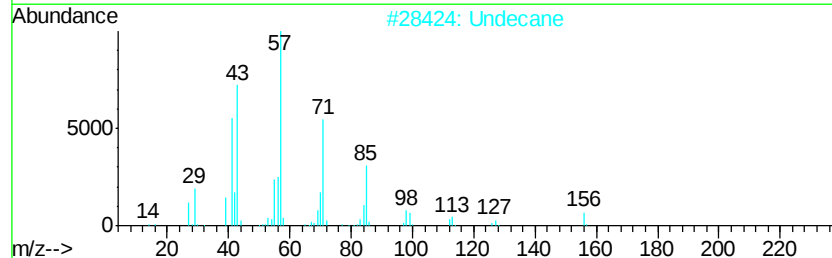
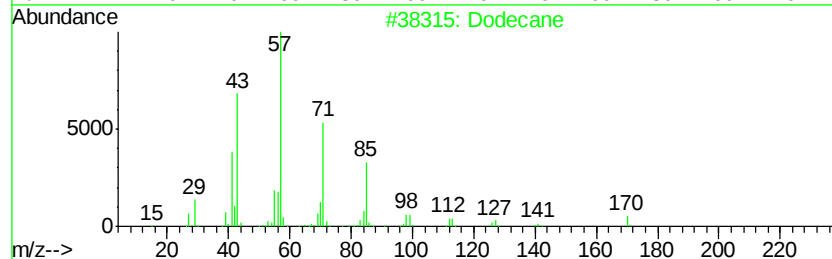
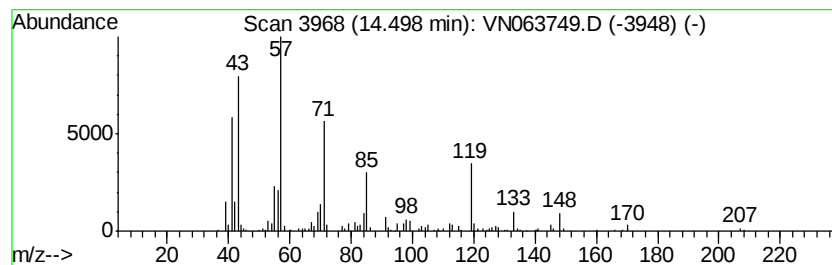
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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 5 Dodecane Concentration Rank 6

| R.T.  | EstConc   | Area   | Relative to ISTD       | R.T.  |
|-------|-----------|--------|------------------------|-------|
| 14.50 | 7.70 ug/l | 210975 | 1,4-Dichlorobenzene-d4 | 13.32 |

| Hit# | of | Tentative ID       | MW  | MolForm | CAS#        | Qual |
|------|----|--------------------|-----|---------|-------------|------|
| 1    | 5  | Dodecane           | 170 | C12H26  | 000112-40-3 | 93   |
| 2    |    | Undecane           | 156 | C11H24  | 001120-21-4 | 58   |
| 3    |    | Hexadecane         | 226 | C16H34  | 000544-76-3 | 58   |
| 4    |    | 2,6-Dimethyldecane | 170 | C12H26  | 013150-81-7 | 55   |
| 5    |    | Tridecane          | 184 | C13H28  | 000629-50-5 | 49   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_N\DATA\VN093020\  
Data File : VN063749.D  
Acq On : 30 Sep 2020 15:08  
Operator : JC/MD  
Sample : L4129-16  
Misc : 5.90µL/100µL/5.00mL/MSVOA\_N/MEOH  
ALS Vial : 15 Sample Multiplier: 1

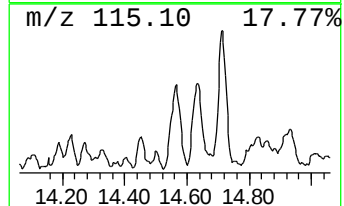
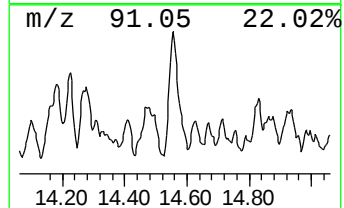
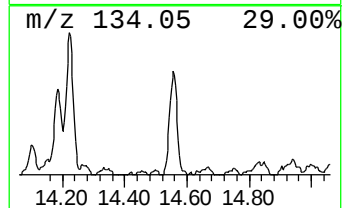
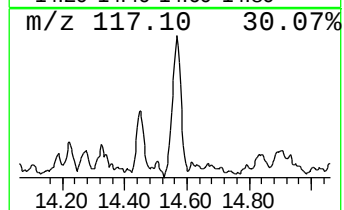
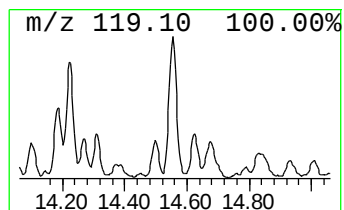
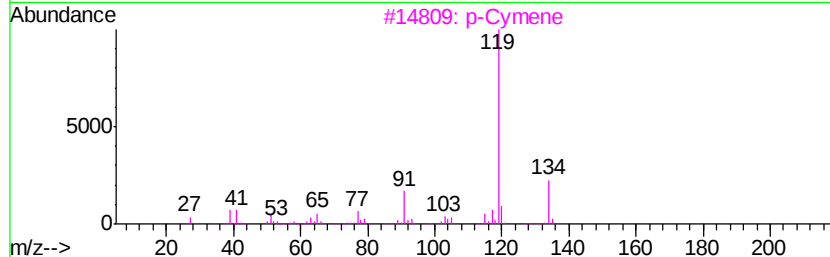
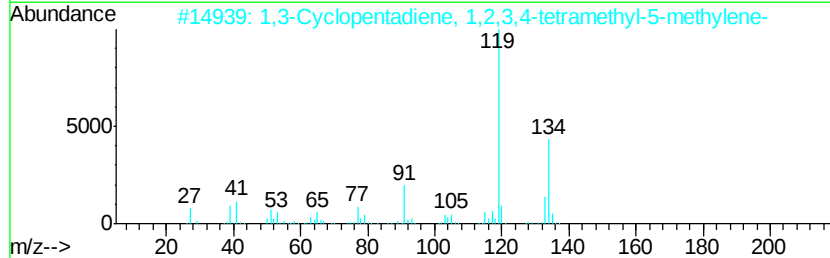
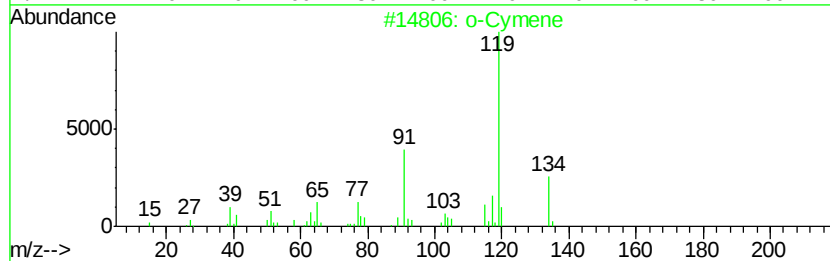
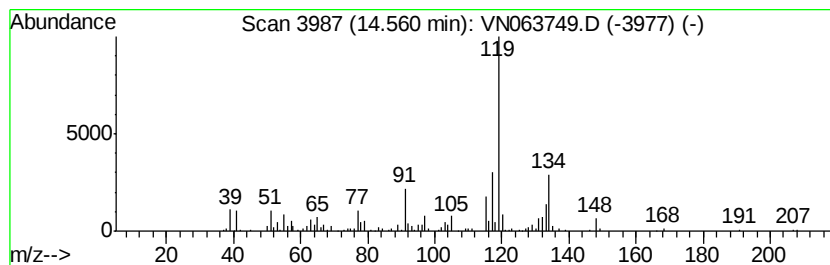
Instrument :  
MSVOA\_N  
ClientSampleID :  
DRUM-COMP-1

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N093020W.M  
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 6 o-Cymene Concentration Rank 5

| R.T.      | EstConc                             | Area   | Relative to ISTD       | R.T.        |      |
|-----------|-------------------------------------|--------|------------------------|-------------|------|
| 14.56     | 8.20 ug/l                           | 224810 | 1,4-Dichlorobenzene-d4 | 13.32       |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm                | CAS#        | Qual |
| 1         | o-Cymene                            | 134    | C10H14                 | 000527-84-4 | 76   |
| 2         | 1,3-Cyclopentadiene, 1,2,3,4-tet... | 134    | C10H14                 | 076089-59-3 | 74   |
| 3         | p-Cymene                            | 134    | C10H14                 | 000099-87-6 | 70   |
| 4         | Benzene, 4-ethyl-1,2-dimethyl-      | 134    | C10H14                 | 000934-80-5 | 70   |
| 5         | Benzene, 1,2,3,4-tetramethyl-       | 134    | C10H14                 | 000488-23-3 | 68   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN093020\  
Data File : VN063749.D  
Acq On : 30 Sep 2020 15:08  
Operator : JC/MD  
Sample : L4129-16  
Misc : 5.90µL/5mL/100µL/5.00mL/MSVOA\_N/MEOH  
ALS Vial : 15 Sample Multiplier: 1

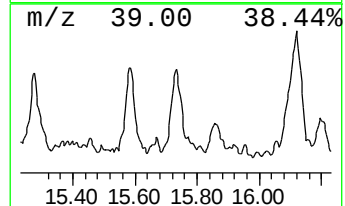
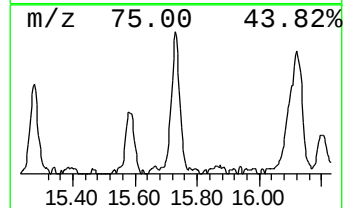
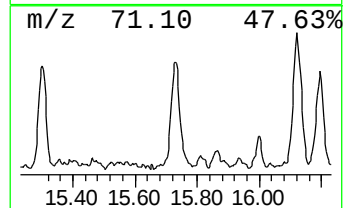
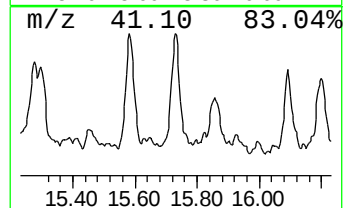
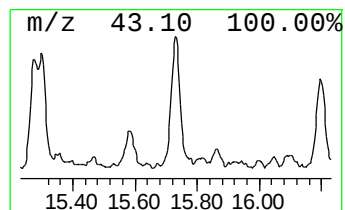
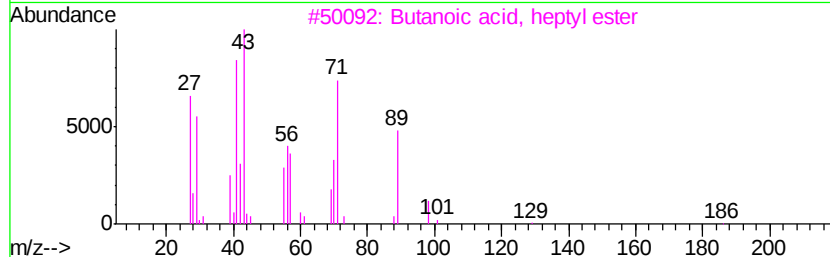
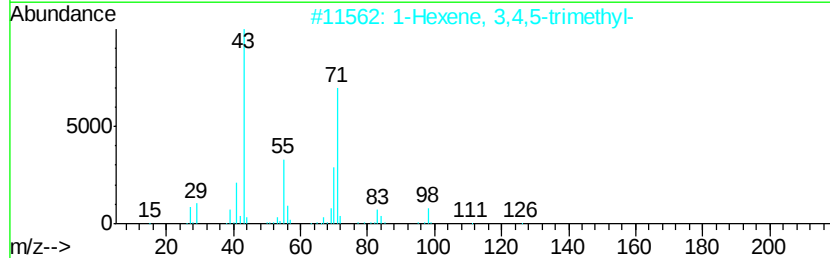
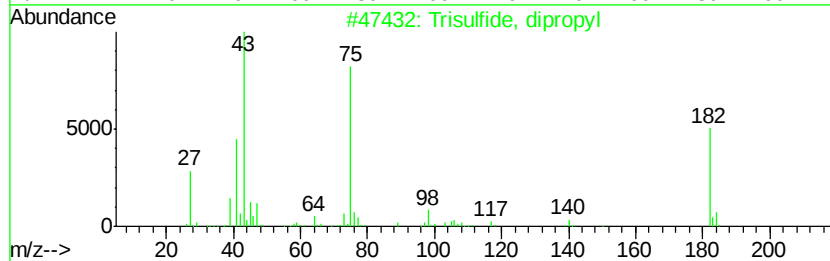
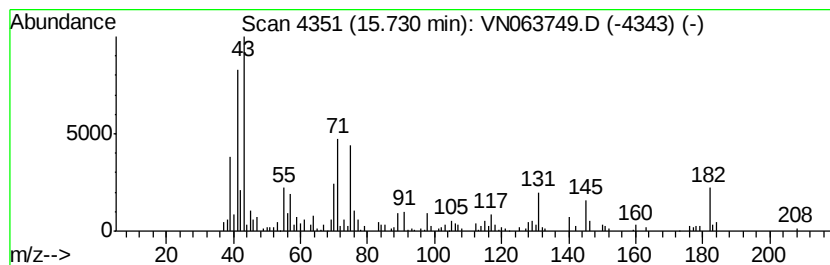
Instrument :  
MSVOA\_N  
ClientSampleId :  
DRUM-COMP-1

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N093020W.M  
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 7 unknown15.73 Concentration Rank 4

| R.T.      | EstConc                       | Area   | Relative to ISTD       | R.T.        |      |
|-----------|-------------------------------|--------|------------------------|-------------|------|
| 15.73     | 8.47 ug/l                     | 232220 | 1,4-Dichlorobenzene-d4 | 13.32       |      |
| Hit# of 5 | Tentative ID                  | MW     | MolForm                | CAS#        | Qual |
| 1         | Trisulfide, dipropyl          | 182    | C6H14S3                | 006028-61-1 | 30   |
| 2         | 1-Hexene, 3,4,5-trimethyl-    | 126    | C9H18                  | 056728-10-0 | 22   |
| 3         | Butanoic acid, heptyl ester   | 186    | C11H22O2               | 005870-93-9 | 12   |
| 4         | Hexane, 2,3-dimethyl-         | 114    | C8H18                  | 000584-94-1 | 11   |
| 5         | 1-Hydroxy-3-methyl-2-butanone | 102    | C5H10O2                | 036960-22-2 | 11   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN093020\  
Data File : VN063749.D  
Acq On : 30 Sep 2020 15:08  
Operator : JC/MD  
Sample : L4129-16  
Misc : 5.90µ/5mL/100µL/5.00mL/MSVOA\_N/MEOH  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
DRUM-COMP-1

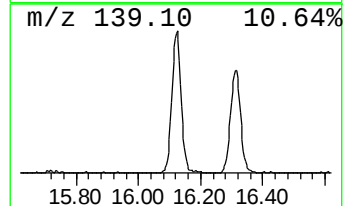
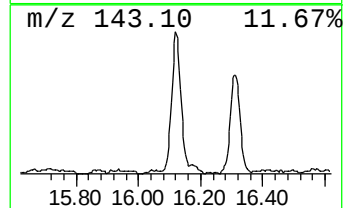
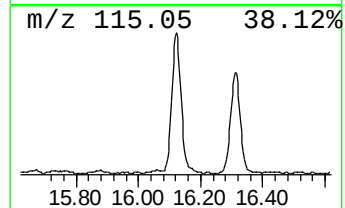
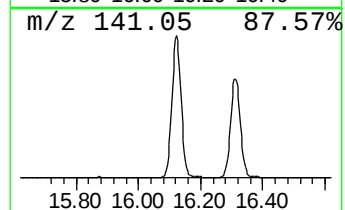
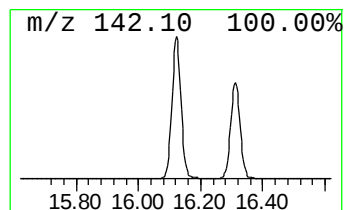
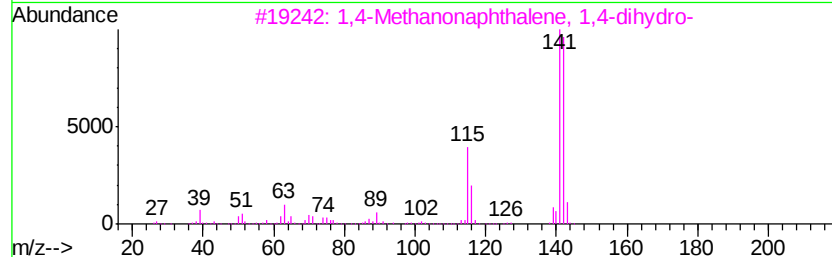
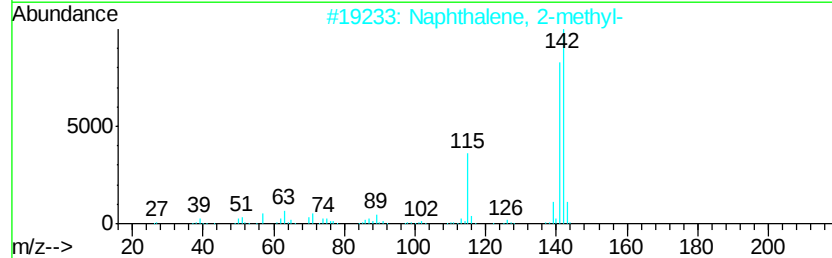
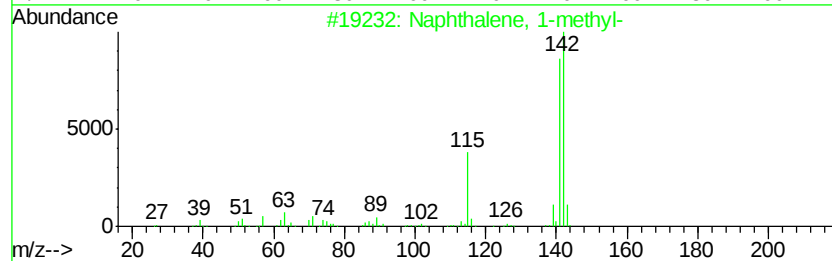
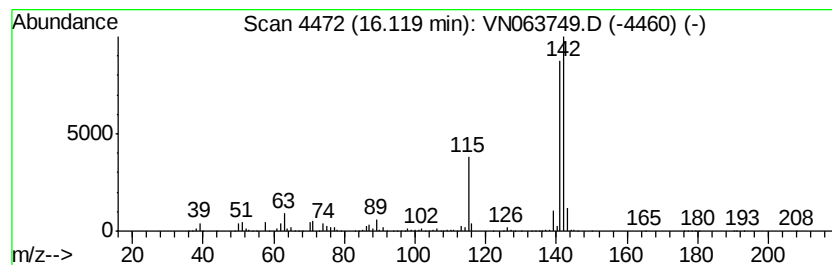
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N093020W.M  
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 8 Naphthalene, 1-methyl- Concentration Rank 1

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 16.12 | 35.81 ug/l | 981645 | 1,4-Dichlorobenzene-d4 | 13.32 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Naphthalene, 1-methyl-              | 142 | C11H10  | 000090-12-0 | 96   |
| 2    |    | Naphthalene, 2-methyl-              | 142 | C11H10  | 000091-57-6 | 96   |
| 3    |    | 1,4-Methanonaphthalene, 1,4-dihv... | 142 | C11H10  | 004453-90-1 | 94   |
| 4    |    | Benzocycloheptatriene               | 142 | C11H10  | 000264-09-5 | 91   |
| 5    |    | 1H-Indene, 1-ethylidene-            | 142 | C11H10  | 002471-83-2 | 50   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN093020\  
Data File : VN063749.D  
Acq On : 30 Sep 2020 15:08  
Operator : JC/MD  
Sample : L4129-16  
Misc : 5.90µ/5mL/100µL/5.00mL/MSVOA\_N/MEOH  
ALS Vial : 15 Sample Multiplier: 1

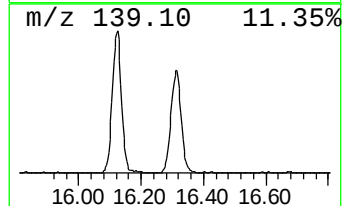
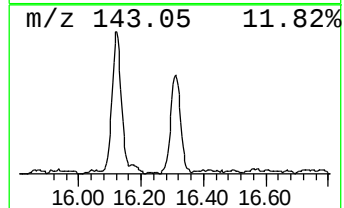
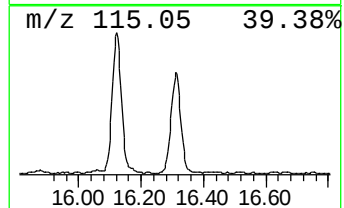
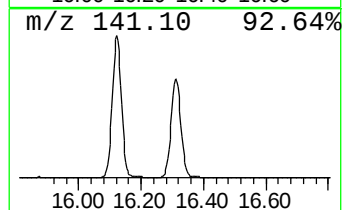
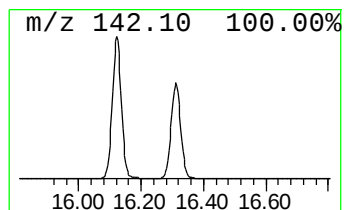
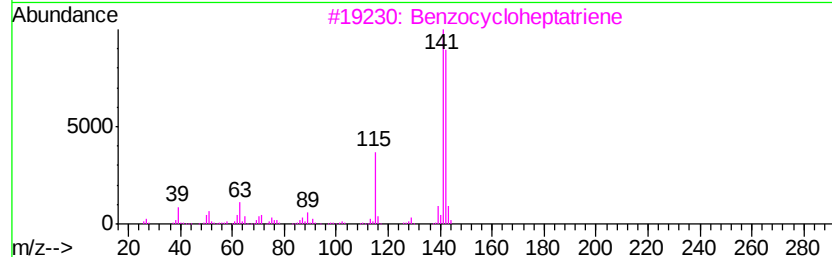
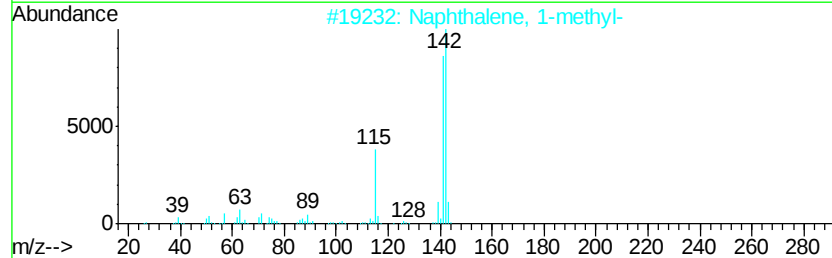
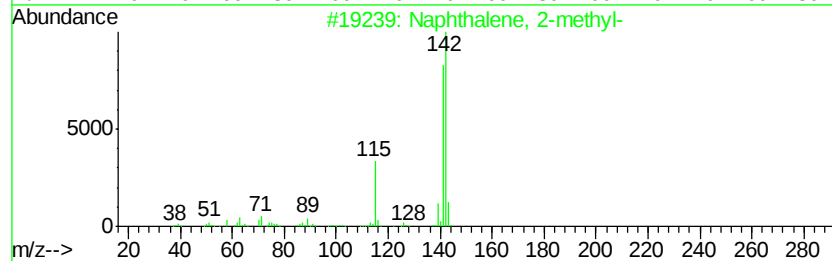
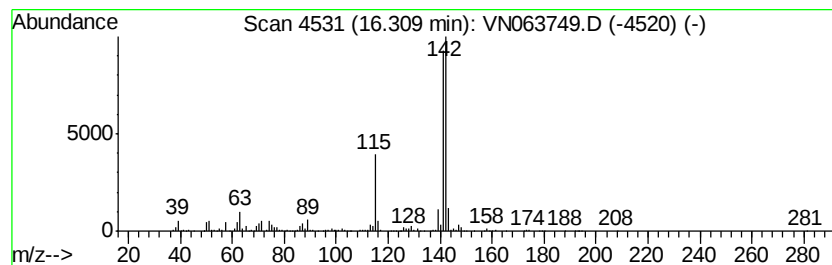
Instrument :  
MSVOA\_N  
ClientSampleId :  
DRUM-COMP-1

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N093020W.M  
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 9 Benzocycloheptatriene Concentration Rank 2

| R.T.    | EstConc    | Area                                | Relative to ISTD       | R.T.           |
|---------|------------|-------------------------------------|------------------------|----------------|
| 16.31   | 32.68 ug/l | 895922                              | 1,4-Dichlorobenzene-d4 | 13.32          |
| Hit# of | 5          | Tentative ID                        | MW MolForm             | CAS# Qual      |
| 1       |            | Naphthalene, 2-methyl-              | 142 C11H10             | 000091-57-6 97 |
| 2       |            | Naphthalene, 1-methyl-              | 142 C11H10             | 000090-12-0 96 |
| 3       |            | Benzocycloheptatriene               | 142 C11H10             | 000264-09-5 94 |
| 4       |            | 1,4-Methanonaphthalene, 1,4-dihy... | 142 C11H10             | 004453-90-1 94 |
| 5       |            | 1H-Indene, 1-ethylidene-            | 142 C11H10             | 002471-83-2 72 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_N\DATA\VN093020\  
Data File : VN063749.D  
Acq On : 30 Sep 2020 15:08  
Operator : JC/MD  
Sample : L4129-16  
Misc : 5.90g/5mL/100uL/5.00mL/MSVOA\_N/MEOH  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
DRUM-COMP-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N093020W.M  
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                      |       |         |       |          | #                     | RT    | Resp    | Conc |
| Octane               | 10.25 | 5.8     | ug/l  | 139194   | 3                     | 11.38 | 1202010 | 50.0 |
| Benzene, 1-ethyl-... | 12.63 | 7.3     | ug/l  | 199630   | 4                     | 13.32 | 1370700 | 50.0 |
| Undecane             | 13.65 | 11.3    | ug/l  | 309848   | 4                     | 13.32 | 1370700 | 50.0 |
| 3-Methylphenylace... | 13.70 | 6.5     | ug/l  | 178222   | 4                     | 13.32 | 1370700 | 50.0 |
| Dodecane             | 14.50 | 7.7     | ug/l  | 210975   | 4                     | 13.32 | 1370700 | 50.0 |
| o-Cymene             | 14.56 | 8.2     | ug/l  | 224810   | 4                     | 13.32 | 1370700 | 50.0 |
| unknown15.73         | 15.73 | 8.5     | ug/l  | 232220   | 4                     | 13.32 | 1370700 | 50.0 |
| Naphthalene, 1-me... | 16.12 | 35.8    | ug/l  | 981645   | 4                     | 13.32 | 1370700 | 50.0 |
| Benzocycloheptatr... | 16.31 | 32.7    | ug/l  | 895922   | 4                     | 13.32 | 1370700 | 50.0 |