

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071719\  
 Data File : VN056795.D  
 Acq On : 17 Jul 2019 14:34  
 Operator : JC/SP  
 Sample : K3841-02  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 KY038PS027-190715

## Integration Parameters: RTEINT.P

Integrator: RTE  
 Smoothing : ON Filtering: 5  
 Sampling : 1 Min Area: 3 % 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\_N\METHODS\82N071519W.M  
 Title : SW846 8260

Signal : TIC

| 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         | 4.069       | 700           | 714         | 733          | rBV2     | 7618           | 22563         | 1.58%           | 0.273%        |
| 2         | 6.831       | 1552          | 1573        | 1596         | rBV2     | 147328         | 423390        | 29.66%          | 5.127%        |
| 3         | 7.593       | 1792          | 1810        | 1821         | rBV      | 173435         | 428231        | 30.00%          | 5.185%        |
| 4         | 7.667       | 1821          | 1833        | 1862         | rVB      | 281701         | 668136        | 46.80%          | 8.090%        |
| 5         | 8.027       | 1927          | 1945        | 1972         | rBV2     | 176984         | 409369        | 28.68%          | 4.957%        |
| 6         | 8.320       | 1996          | 2036        | 2040         | rBV2     | 19399          | 100423        | 7.03%           | 1.216%        |
| 7         | 8.586       | 2104          | 2119        | 2141         | rBV      | 468083         | 979082        | 68.58%          | 11.856%       |
| 8         | 8.837       | 2184          | 2197        | 2213         | rVB2     | 42503          | 83861         | 5.87%           | 1.015%        |
| 9         | 10.091      | 2572          | 2587        | 2619         | rBV      | 759587         | 1427568       | 100.00%         | 17.286%       |
| 10        | 10.631      | 2744          | 2755        | 2770         | rVB2     | 45466          | 82491         | 5.78%           | 0.999%        |
| 11        | 11.406      | 2980          | 2996        | 3019         | rBV      | 751551         | 1341849       | 94.00%          | 16.248%       |
| 12        | 12.400      | 3291          | 3305        | 3326         | rBV      | 566004         | 971638        | 68.06%          | 11.765%       |
| 13        | 13.342      | 3585          | 3598        | 3623         | rVB      | 589593         | 966406        | 67.70%          | 11.702%       |
| 14        | 14.998      | 4101          | 4113        | 4133         | rBV2     | 192344         | 353371        | 24.75%          | 4.279%        |

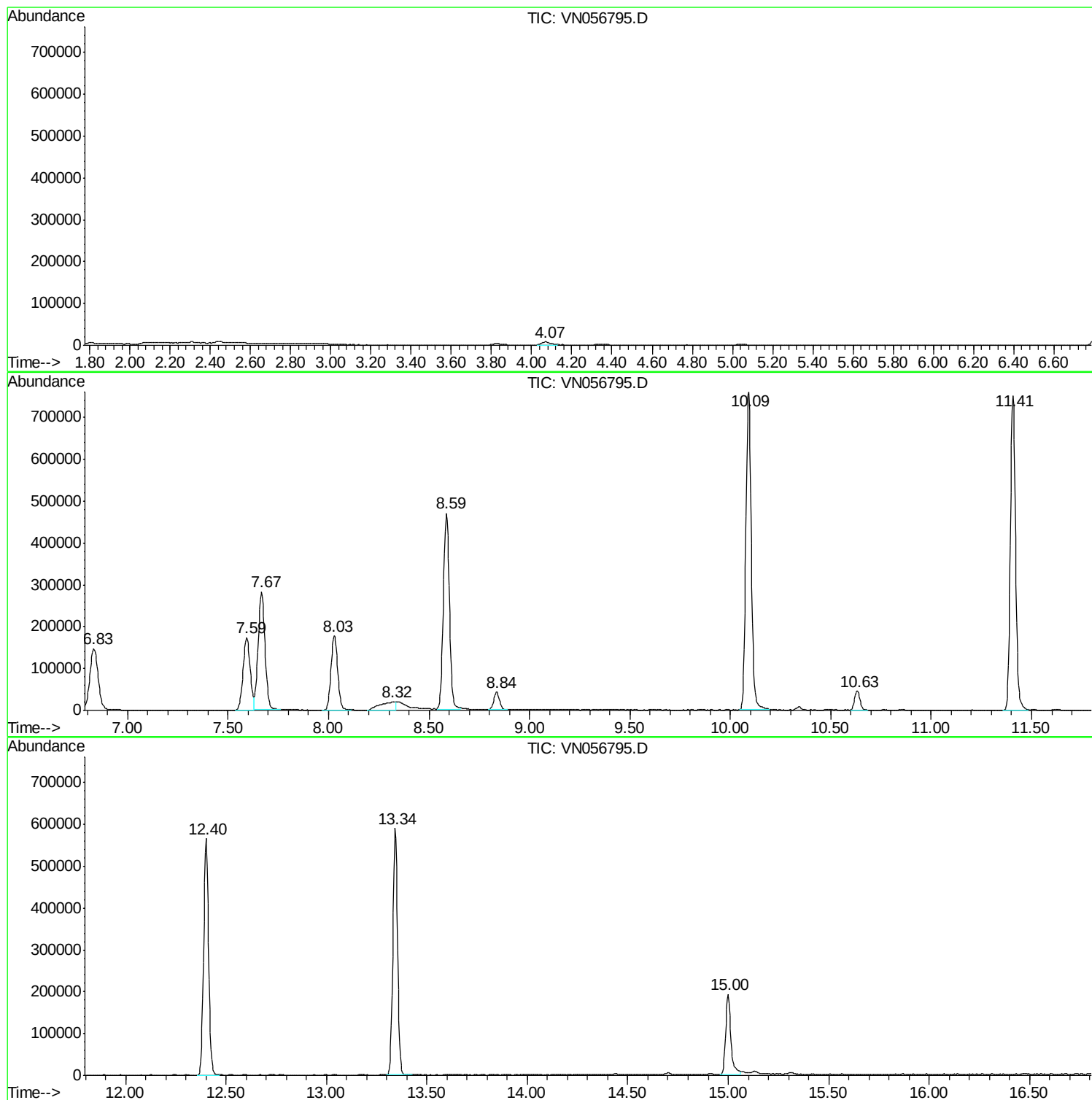
Sum of corrected areas: 8258378

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N071519W.M  
Quant Title : SW846 8260

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



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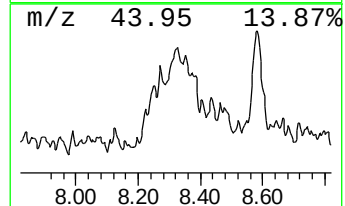
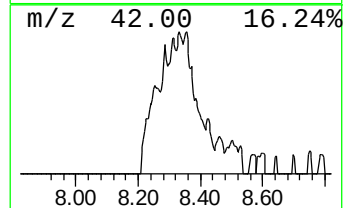
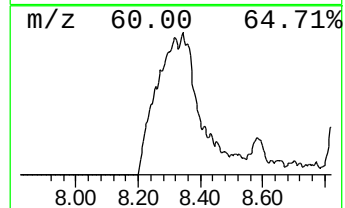
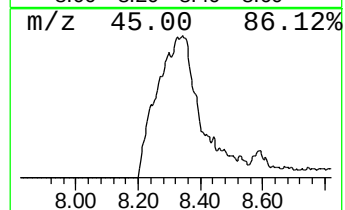
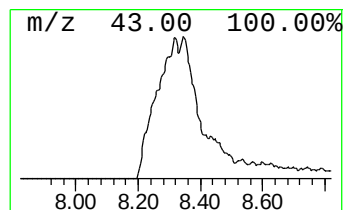
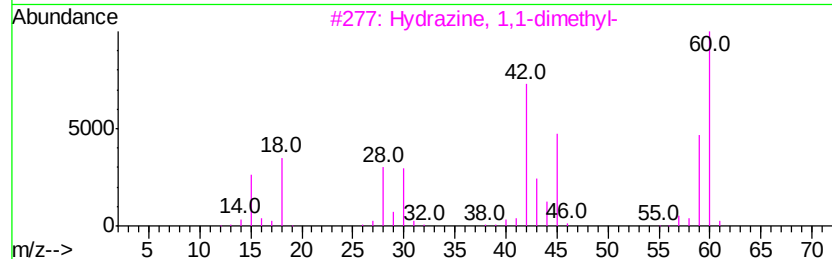
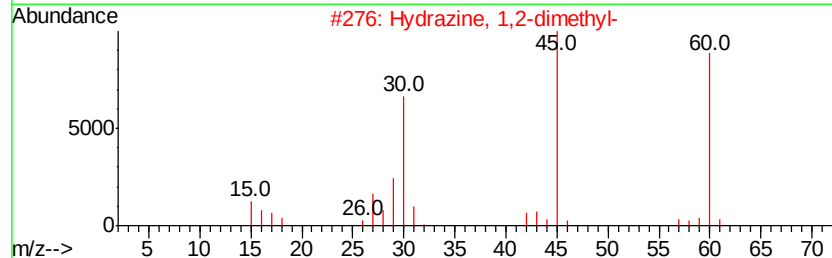
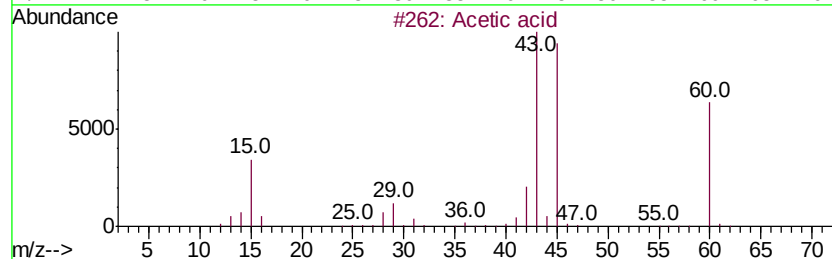
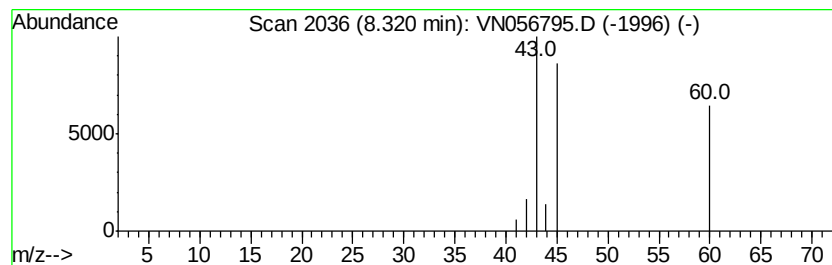
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Quant Title : SW846 8260

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TIC Integration Parameters: LSCINT.P

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Peak Number 1 Acetic acid Concentration Rank 2

| R.T.    | EstConc                  | Area         | Relative to ISTD    | R.T.    |             |      |
|---------|--------------------------|--------------|---------------------|---------|-------------|------|
| 8.32    | 5.13 ug/l                | 100423       | 1,4-Difluorobenzene | 8.59    |             |      |
| Hit# of | 5                        | Tentative ID | MW                  | MolForm | CAS#        | Qual |
| 1       | Acetic acid              |              | 60                  | C2H4O2  | 000064-19-7 | 90   |
| 2       | Hydrazine, 1,2-dimethyl- |              | 60                  | C2H8N2  | 000540-73-8 | 5    |
| 3       | Hvdrazine, 1,1-dimethyl- |              | 60                  | C2H8N2  | 000057-14-7 | 4    |
| 4       | Hydrazine, ethyl-        |              | 60                  | C2H8N2  | 000624-80-6 | 3    |
| 5       | Methane, nitroso-        |              | 45                  | CH3NO   | 000865-40-7 | 3    |



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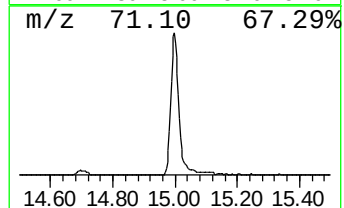
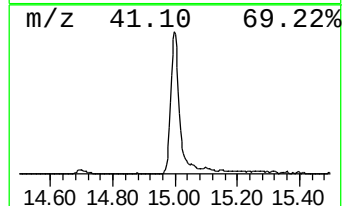
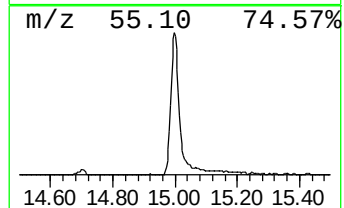
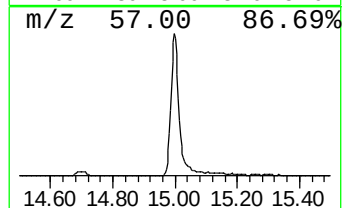
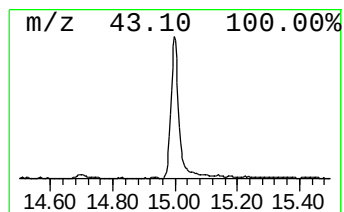
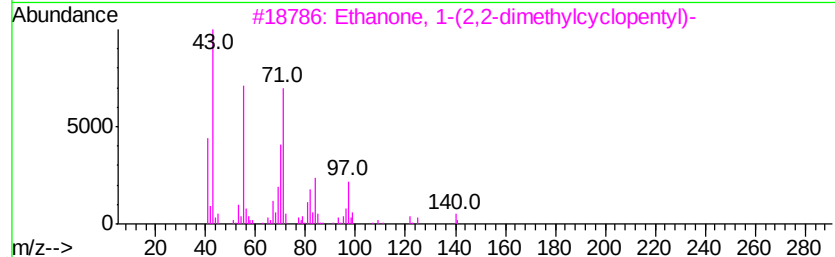
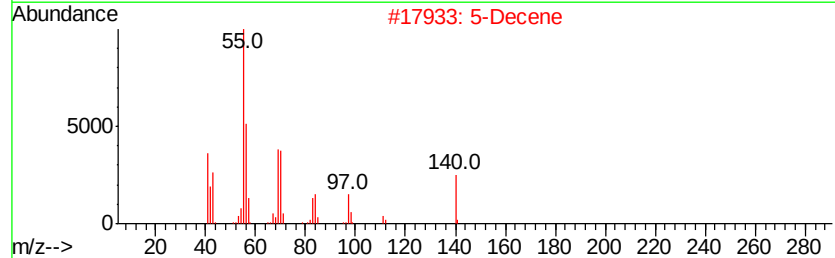
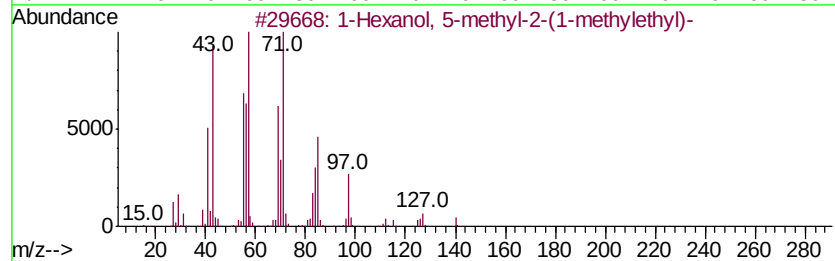
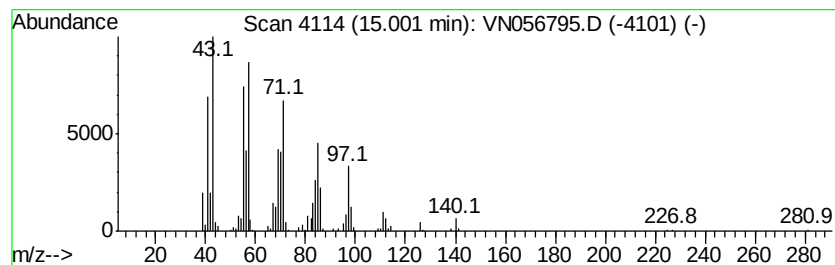
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Peak Number 2 1-Hexanol, 5-methyl-2-(1-me... Concentration Rank 1

| R.T.      | EstConc                             | Area   | Relative to ISTD       | R.T.        |      |
|-----------|-------------------------------------|--------|------------------------|-------------|------|
| 15.00     | 18.28 ug/l                          | 353371 | 1,4-Dichlorobenzene-d4 | 13.34       |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm                | CAS#        | Qual |
| 1         | 1-Hexanol, 5-methyl-2-(1-methyle... | 158    | C10H22O                | 002051-33-4 | 64   |
| 2         | 5-Decene                            | 140    | C10H20                 | 019689-19-1 | 38   |
| 3         | Ethanone, 1-(2,2-dimethylcyclope... | 140    | C9H16O                 | 003664-75-3 | 38   |
| 4         | 3-Octene, (E)-                      | 112    | C8H16                  | 014919-01-8 | 38   |
| 5         | Cyclodecane                         | 140    | C10H20                 | 000293-96-9 | 38   |



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| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                      |       |         |       |          | #                     | RT    | Resp   | Conc |
| Acetic acid          | 8.32  | 5.1     | ug/l  | 100423   | 2                     | 8.59  | 979082 | 50.0 |
| 1-Hexanol, 5-meth... | 15.00 | 18.3    | ug/l  | 353371   | 4                     | 13.34 | 966406 | 50.0 |