

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN121120\  
 Data File : VN065086.D  
 Acq On : 11 Dec 2020 22:01  
 Operator : JC/MD  
 Sample : L4992-01  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 TRE-1130

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\82N121120W.M  
 Title : SW846 8260

Signal : TIC: VN065086.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         | 1.795       | 10            | 17          | 32           | rVB2     | 32314          | 42218         | 3.05%           | 0.499%        |
| 2         | 2.290       | 160           | 171         | 185          | rBV      | 53589          | 86980         | 6.28%           | 1.027%        |
| 3         | 3.242       | 454           | 467         | 479          | rBV3     | 8642           | 22222         | 1.60%           | 0.262%        |
| 4         | 3.663       | 584           | 598         | 611          | rBV2     | 6905           | 16052         | 1.16%           | 0.190%        |
| 5         | 3.779       | 620           | 634         | 647          | rBV2     | 14489          | 37446         | 2.70%           | 0.442%        |
| 6         | 4.020       | 691           | 709         | 730          | rBV4     | 7970           | 24084         | 1.74%           | 0.284%        |
| 7         | 6.496       | 1460          | 1479        | 1506         | rBV4     | 45814          | 145427        | 10.49%          | 1.718%        |
| 8         | 7.550       | 1786          | 1807        | 1818         | rBV2     | 188159         | 471602        | 34.03%          | 5.570%        |
| 9         | 7.624       | 1818          | 1830        | 1854         | rVB      | 294888         | 703469        | 50.77%          | 8.309%        |
| 10        | 7.987       | 1926          | 1943        | 1966         | rBV2     | 200583         | 483449        | 34.89%          | 5.710%        |
| 11        | 8.235       | 2006          | 2020        | 2033         | rBV7     | 6979           | 18546         | 1.34%           | 0.219%        |
| 12        | 8.550       | 2102          | 2118        | 2139         | rBV      | 469689         | 991980        | 71.59%          | 11.717%       |
| 13        | 9.100       | 2279          | 2289        | 2301         | rBV5     | 12345          | 30031         | 2.17%           | 0.355%        |
| 14        | 9.167       | 2304          | 2310        | 2321         | rVB4     | 7770           | 14982         | 1.08%           | 0.177%        |
| 15        | 10.058      | 2572          | 2587        | 2601         | rBV      | 751291         | 1385734       | 100.00%         | 16.368%       |
| 16        | 10.126      | 2601          | 2608        | 2618         | rVB2     | 14160          | 26566         | 1.92%           | 0.314%        |
| 17        | 11.380      | 2984          | 2998        | 3021         | rBV      | 786695         | 1358816       | 98.06%          | 16.050%       |
| 18        | 11.592      | 3053          | 3064        | 3075         | rVB3     | 13429          | 24754         | 1.79%           | 0.292%        |
| 19        | 11.746      | 3099          | 3112        | 3121         | rBV7     | 7437           | 15389         | 1.11%           | 0.182%        |
| 20        | 11.968      | 3175          | 3181        | 3197         | rVB5     | 11729          | 22174         | 1.60%           | 0.262%        |
| 21        | 12.376      | 3292          | 3308        | 3328         | rBV      | 620851         | 1073556       | 77.47%          | 12.680%       |
| 22        | 12.798      | 3428          | 3439        | 3453         | rBV9     | 13452          | 36557         | 2.64%           | 0.432%        |
| 23        | 12.888      | 3456          | 3467        | 3479         | rBV6     | 19558          | 31276         | 2.26%           | 0.369%        |
| 24        | 13.080      | 3509          | 3527        | 3543         | rVB2     | 49820          | 86083         | 6.21%           | 1.017%        |
| 25        | 13.315      | 3588          | 3600        | 3618         | rBV      | 724670         | 1216799       | 87.81%          | 14.372%       |
| 26        | 13.428      | 3623          | 3635        | 3653         | rBV3     | 50845          | 100049        | 7.22%           | 1.182%        |

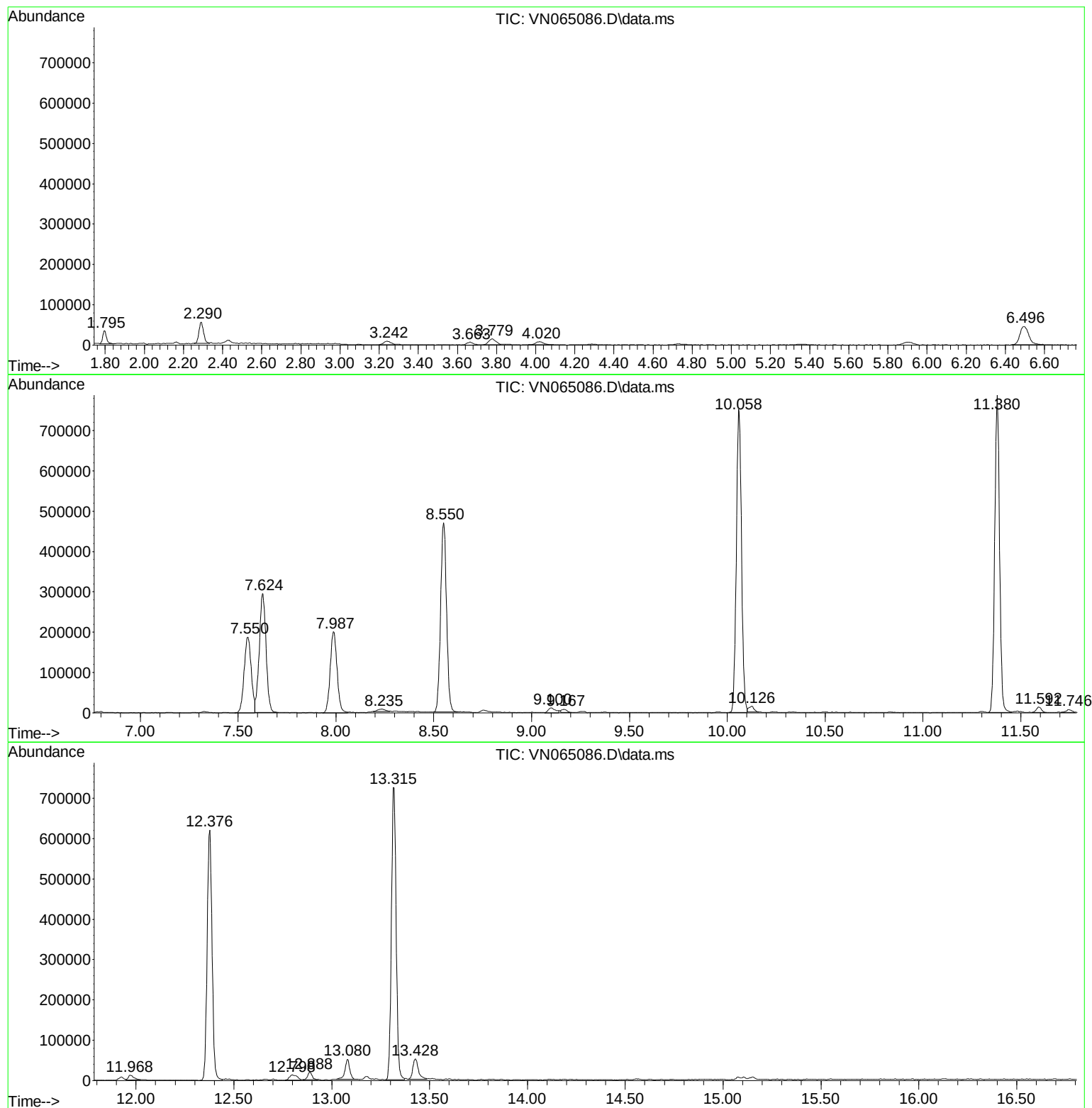
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Instrument :  
MSVOA\_N  
ClientSampleId :  
TRE-1130

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N121120W.M  
Quant Title : SW846 8260

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



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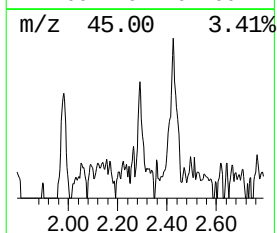
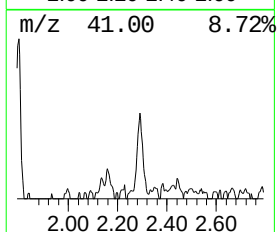
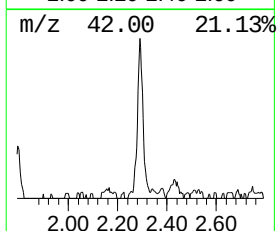
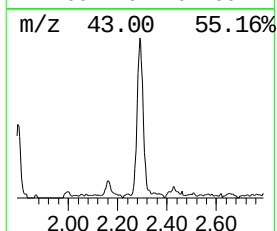
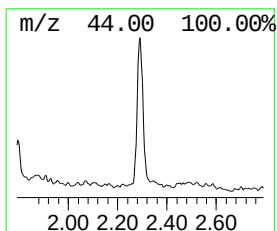
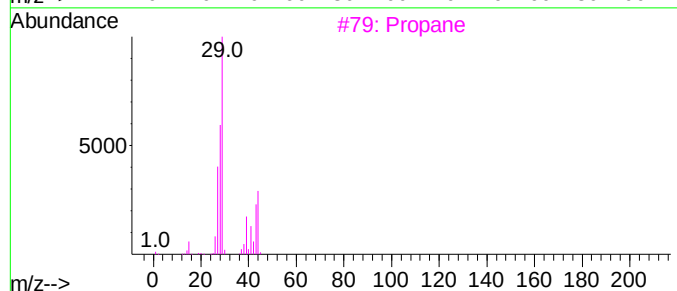
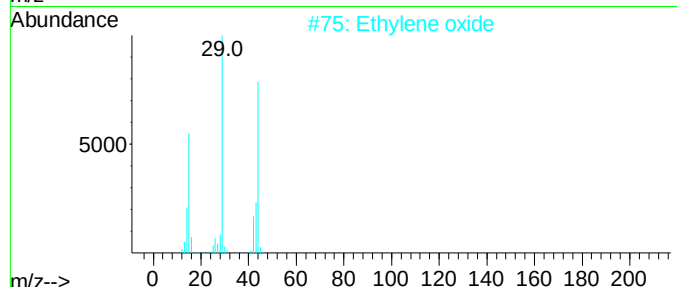
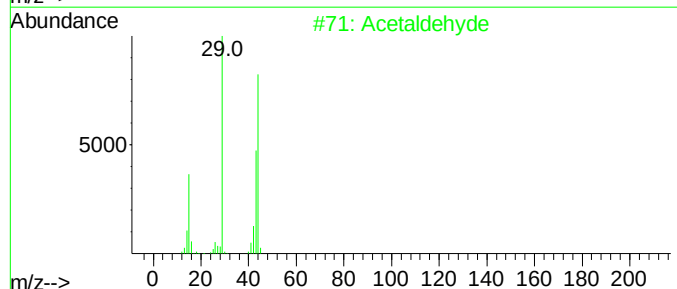
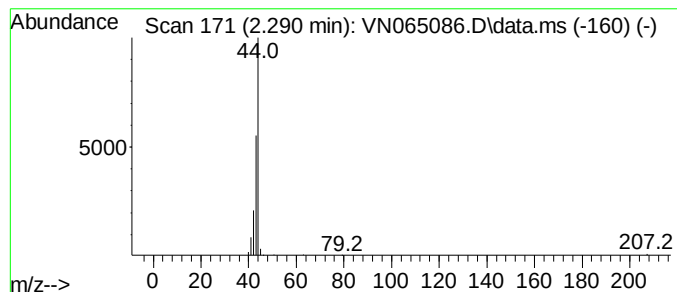
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N121120W.M  
Quant Title : SW846 8260

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

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Peak Number 1 Acetaldehyde Concentration Rank 2

| R.T.  | EstConc   | Area  | Relative to ISTD   | R.T.  |
|-------|-----------|-------|--------------------|-------|
| 2.290 | 6.18 ug/l | 86980 | Pentafluorobenzene | 7.624 |

| Hit# of 5 | Tentative ID                   | MW | MolForm | CAS#        | Qual |
|-----------|--------------------------------|----|---------|-------------|------|
| 1         | Acetaldehyde                   | 44 | C2H4O   | 000075-07-0 | 74   |
| 2         | Ethylene oxide                 | 44 | C2H4O   | 000075-21-8 | 9    |
| 3         | Propane                        | 44 | C3H8    | 000074-98-6 | 4    |
| 4         | 1-Propanol, 2-amino-, (.+/-.)- | 75 | C3H9NO  | 006168-72-5 | 4    |
| 5         | Alanine                        | 89 | C3H7NO2 | 000056-41-7 | 4    |



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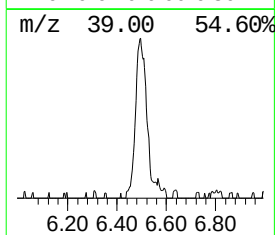
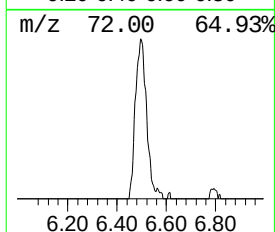
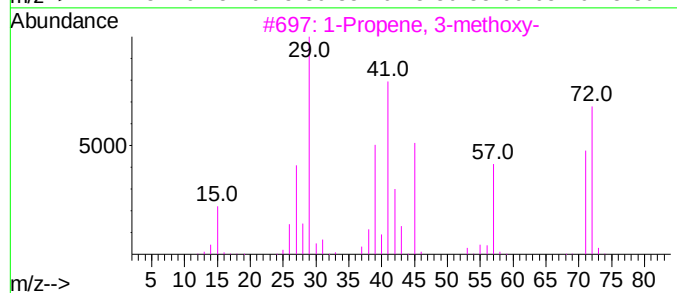
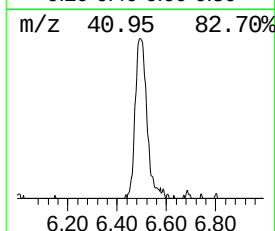
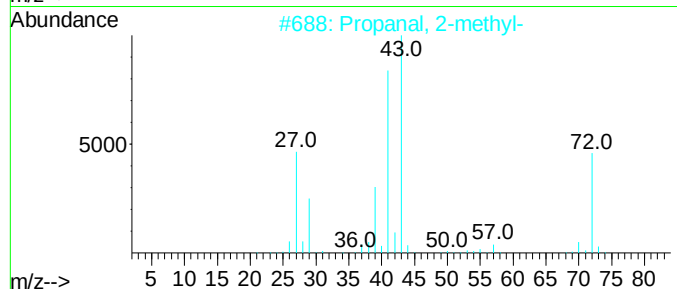
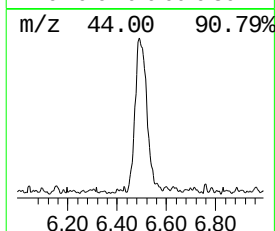
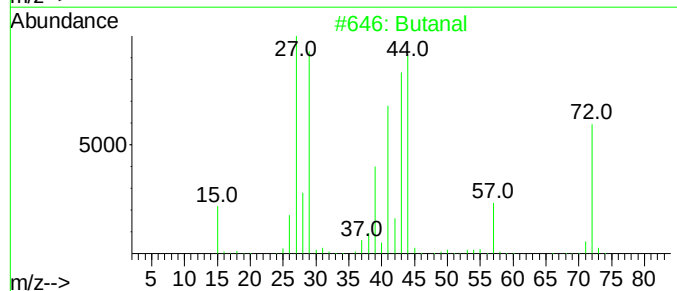
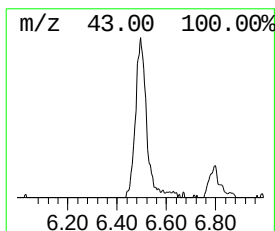
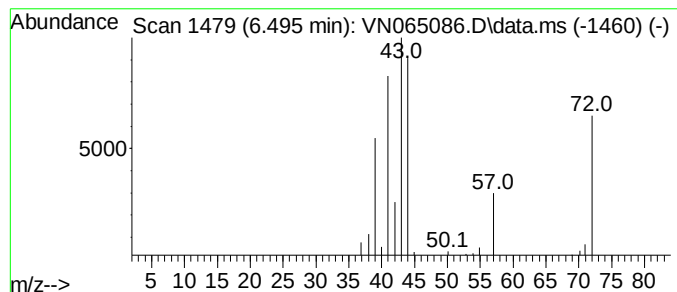
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TIC Integration Parameters: LSCINT.P

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Peak Number 2 Butanal Concentration Rank 1

| R.T.  | EstConc    | Area   | Relative to ISTD   | R.T.  |
|-------|------------|--------|--------------------|-------|
| 6.495 | 10.34 ug/l | 145427 | Pentafluorobenzene | 7.624 |

| Hit# | of | 5 | Tentative ID          | MW | MolForm | CAS#        | Qual |
|------|----|---|-----------------------|----|---------|-------------|------|
| 1    |    |   | Butanal               | 72 | C4H8O   | 000123-72-8 | 87   |
| 2    |    |   | Propanal, 2-methyl-   | 72 | C4H8O   | 000078-84-2 | 35   |
| 3    |    |   | 1-Propene, 3-methoxy- | 72 | C4H8O   | 000627-40-7 | 27   |
| 4    |    |   | Furan, 2,3-dihydro-   | 70 | C4H6O   | 001191-99-7 | 27   |
| 5    |    |   | Methacrolein          | 70 | C4H6O   | 000078-85-3 | 22   |



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| TIC Top Hit name | RT    | EstConc | Units | Response | ---Internal Standard--- |       |        |      |
|------------------|-------|---------|-------|----------|-------------------------|-------|--------|------|
|                  |       |         |       |          | #                       | RT    | Resp   | Conc |
| Acetaldehyde     | 2.290 | 6.2     | ug/l  | 86980    | 1                       | 7.624 | 703469 | 50.0 |
| Butanal          | 6.495 | 10.3    | ug/l  | 145427   | 1                       | 7.624 | 703469 | 50.0 |