

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN121420\  
 Data File : VN065100.D  
 Acq On : 14 Dec 2020 15:09  
 Operator : JC/MD  
 Sample : L4992-01  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 14 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\82N121420W.M  
 Title : SW846 8260

Signal : TIC: VN065100.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         | 2.296       | 161           | 173         | 186          | rBV      | 25845          | 46642         | 3.44%           | 0.593%        |
| 2         | 3.782       | 623           | 635         | 655          | rBV3     | 16287          | 44696         | 3.29%           | 0.568%        |
| 3         | 6.495       | 1462          | 1479        | 1499         | rBV3     | 43607          | 132108        | 9.73%           | 1.678%        |
| 4         | 7.550       | 1788          | 1807        | 1818         | rBV3     | 186983         | 475800        | 35.05%          | 6.045%        |
| 5         | 7.624       | 1818          | 1830        | 1852         | rVB      | 297634         | 728161        | 53.64%          | 9.251%        |
| 6         | 7.987       | 1925          | 1943        | 1965         | rBV3     | 190927         | 454400        | 33.47%          | 5.773%        |
| 7         | 8.550       | 2101          | 2118        | 2142         | rBV      | 471840         | 986364        | 72.66%          | 12.531%       |
| 8         | 9.174       | 2307          | 2312        | 2328         | rVB6     | 6546           | 14401         | 1.06%           | 0.183%        |
| 9         | 10.058      | 2569          | 2587        | 2605         | rBV      | 743923         | 1357478       | 100.00%         | 17.246%       |
| 10        | 11.380      | 2984          | 2998        | 3023         | rBV      | 760575         | 1320597       | 97.28%          | 16.777%       |
| 11        | 11.971      | 3174          | 3182        | 3195         | rBV3     | 11077          | 17519         | 1.29%           | 0.223%        |
| 12        | 12.376      | 3291          | 3308        | 3324         | rBV      | 584404         | 1006211       | 74.12%          | 12.783%       |
| 13        | 12.791      | 3429          | 3437        | 3455         | rBV9     | 9485           | 27430         | 2.02%           | 0.348%        |
| 14        | 13.080      | 3518          | 3527        | 3537         | rVB3     | 38623          | 62990         | 4.64%           | 0.800%        |
| 15        | 13.315      | 3588          | 3600        | 3617         | rBV      | 662735         | 1120907       | 82.57%          | 14.240%       |
| 16        | 13.428      | 3625          | 3635        | 3651         | rBV4     | 40542          | 75766         | 5.58%           | 0.963%        |

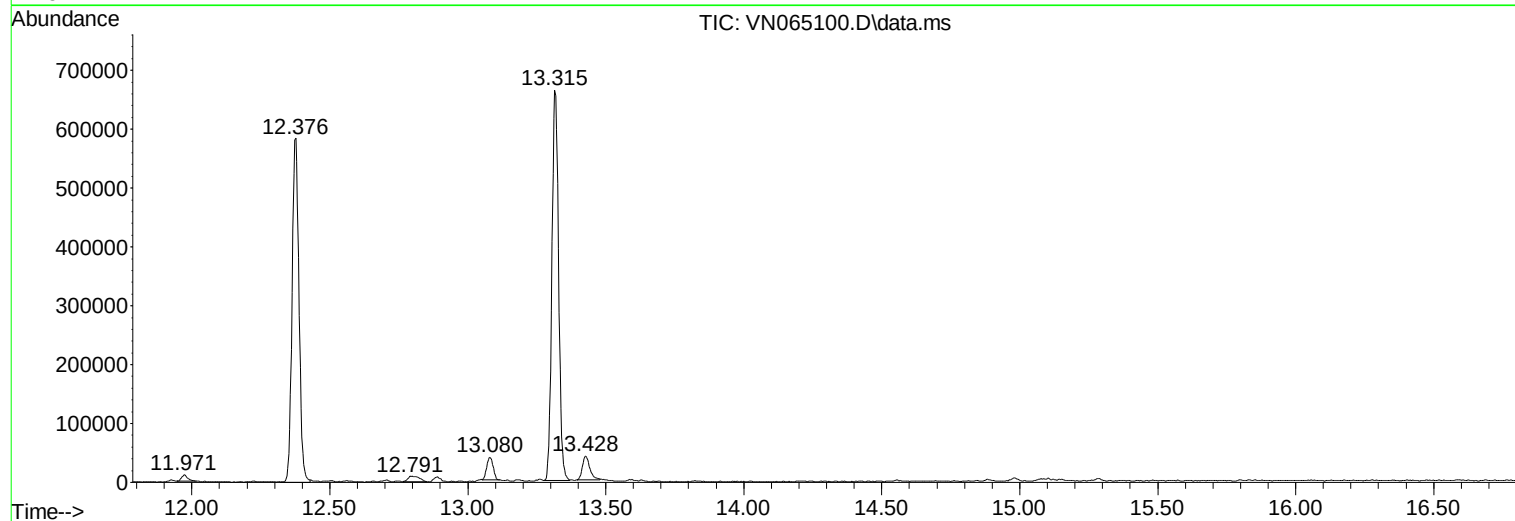
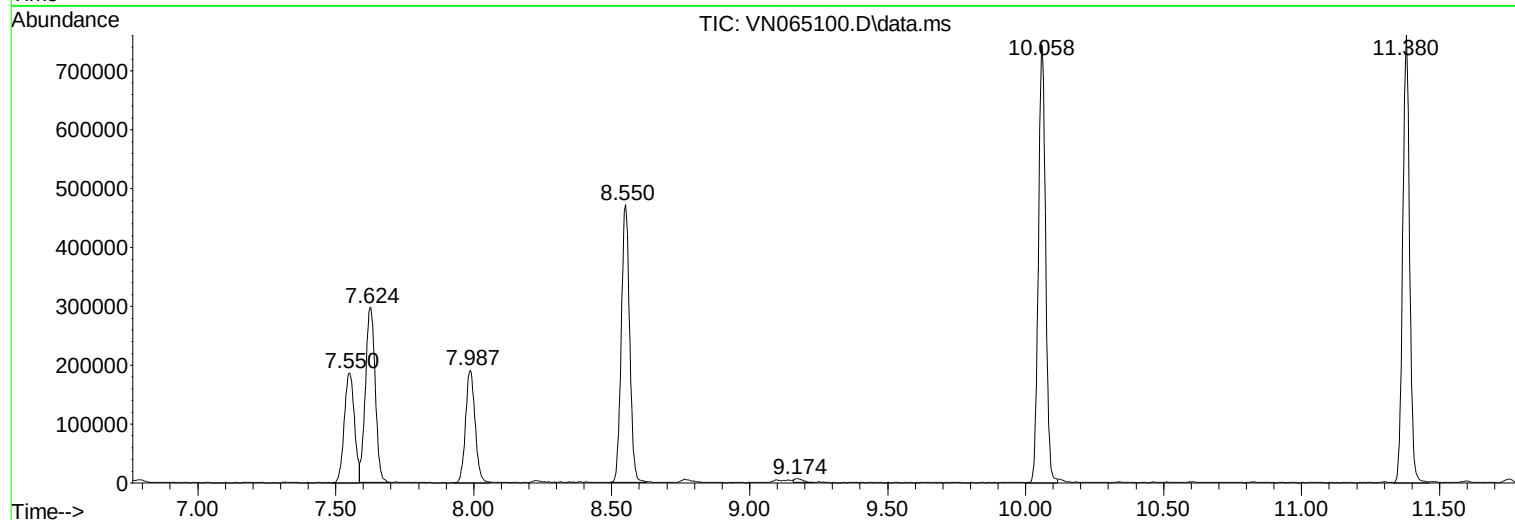
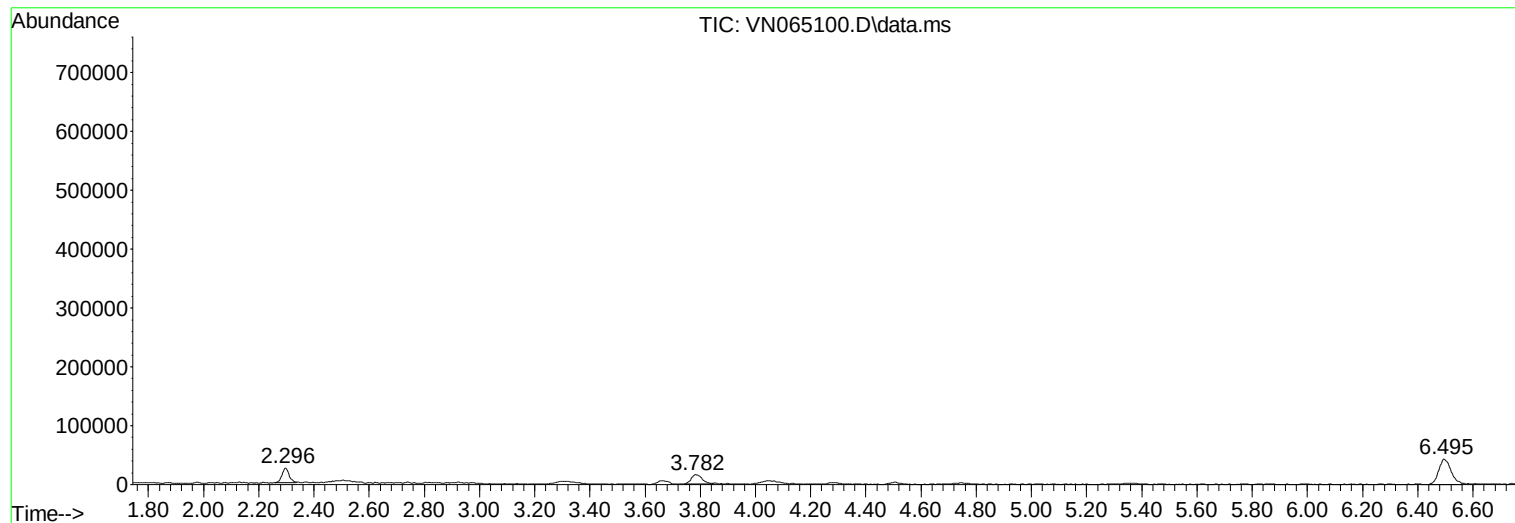
Sum of corrected areas: 7871470

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N121420W.M  
Quant Title : SW846 8260

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



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Peak Number 1 Butanal Concentration Rank 1

| R.T.  | EstConc   | Area   | Relative to ISTD   | R.T.  |
|-------|-----------|--------|--------------------|-------|
| 6.495 | 9.07 ug/l | 132108 | Pentafluorobenzene | 7.624 |

| Hit# | of | 5 | Tentative ID          | MW | MolForm | CAS#        | Qual |
|------|----|---|-----------------------|----|---------|-------------|------|
| 1    |    |   | Butanal               | 72 | C4H8O   | 000123-72-8 | 90   |
| 2    |    |   | Ethene, ethoxy-       | 72 | C4H8O   | 000109-92-2 | 50   |
| 3    |    |   | 1-Propene, 3-methoxy- | 72 | C4H8O   | 000627-40-7 | 38   |
| 4    |    |   | Propanal, 2-methyl-   | 72 | C4H8O   | 000078-84-2 | 27   |
| 5    |    |   | Dimethylketene        | 70 | C4H6O   | 000598-26-5 | 12   |

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| TIC Top Hit name | RT    | EstConc | Units | Response | ---Internal Standard--- |       |        |      |
|------------------|-------|---------|-------|----------|-------------------------|-------|--------|------|
|                  |       |         |       |          | #                       | RT    | Resp   | Conc |
| Butanal          | 6.495 | 9.1     | ug/l  | 132108   | 1                       | 7.624 | 728161 | 50.0 |