

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030119\  
 Data File : VN054026.D  
 Acq On : 1 Mar 2019 13:44  
 Operator : JC/SP  
 Sample : K1587-01  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 TP-MH-C02

Integration Parameters: RTEINT3.P

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

Filtering: 5  
 Min Area: 0 % 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\624N030119W.M  
 Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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         | 1.812       | 6             | 12          | 27           | rVB3     | 15317          | 22824         | 1.26%           | 0.326%        |
| 2         | 7.198       | 1667          | 1687        | 1718         | rBV2     | 280223         | 765853        | 42.30%          | 10.927%       |
| 3         | 8.027       | 1926          | 1945        | 1975         | rBV      | 273617         | 660394        | 36.48%          | 9.422%        |
| 4         | 8.304       | 1984          | 2031        | 2032         | rBV2     | 36705          | 175478        | 9.69%           | 2.504%        |
| 5         | 8.587       | 2104          | 2119        | 2148         | rBV      | 577847         | 1290015       | 71.25%          | 18.406%       |
| 6         | 10.091      | 2572          | 2587        | 2628         | rBV      | 899070         | 1810475       | 100.00%         | 25.832%       |
| 7         | 11.406      | 2983          | 2996        | 3020         | rBV      | 769640         | 1418886       | 78.37%          | 20.245%       |
| 8         | 12.403      | 3292          | 3306        | 3327         | rBV      | 490121         | 864790        | 47.77%          | 12.339%       |

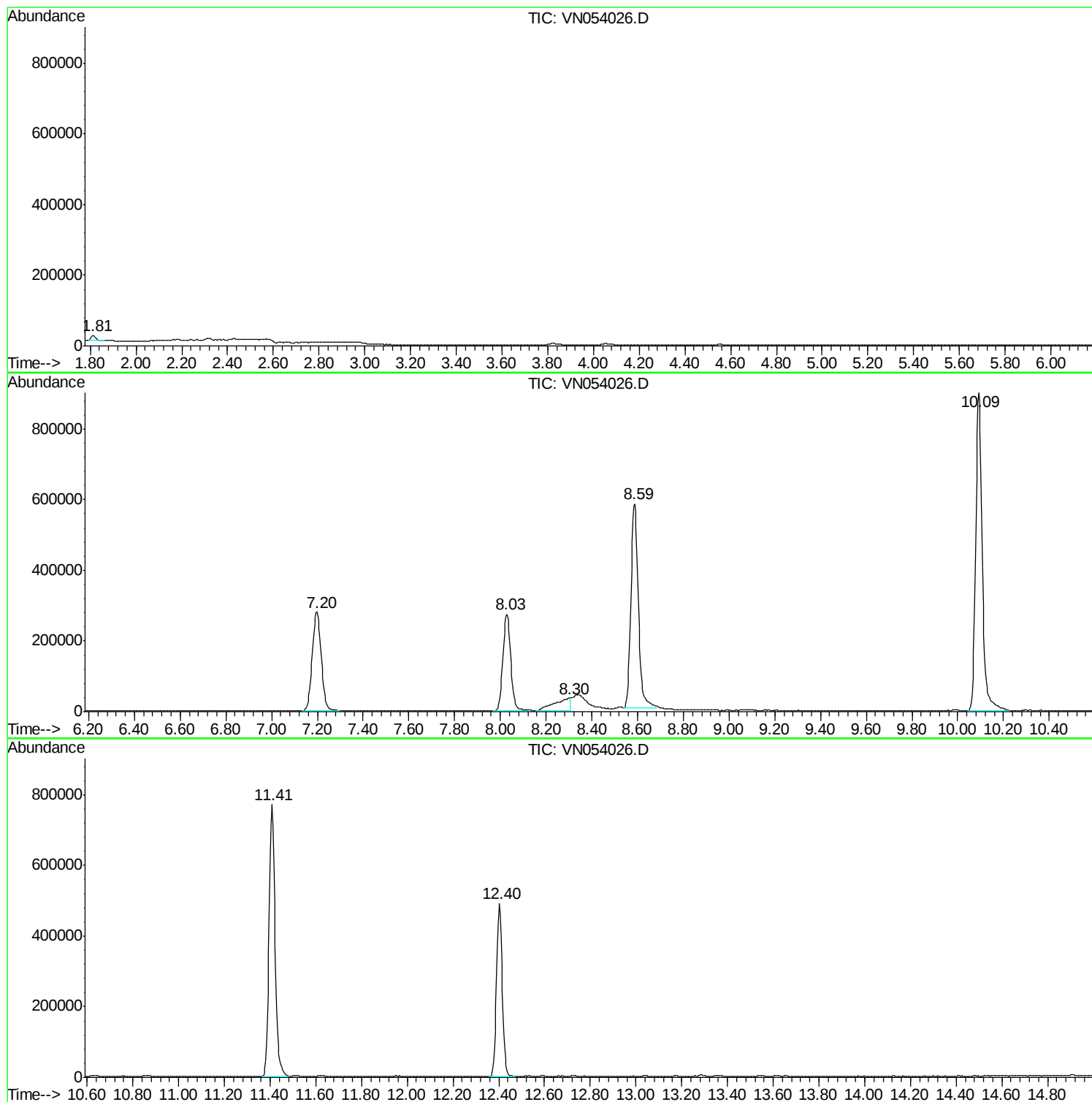
Sum of corrected areas: 7008715

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA N\METHODS\624N030119W.M  
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P



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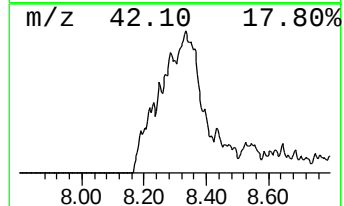
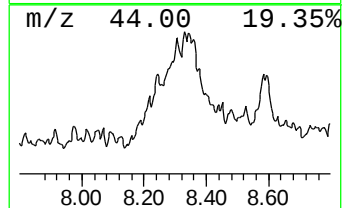
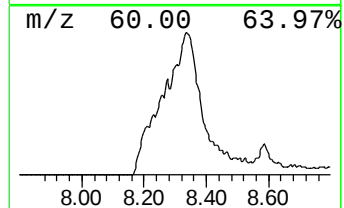
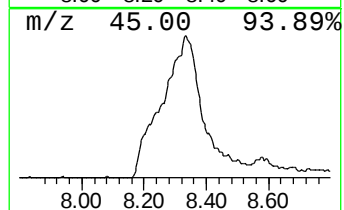
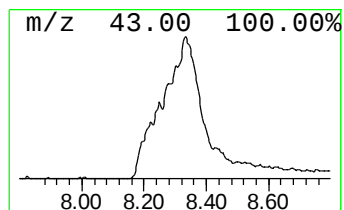
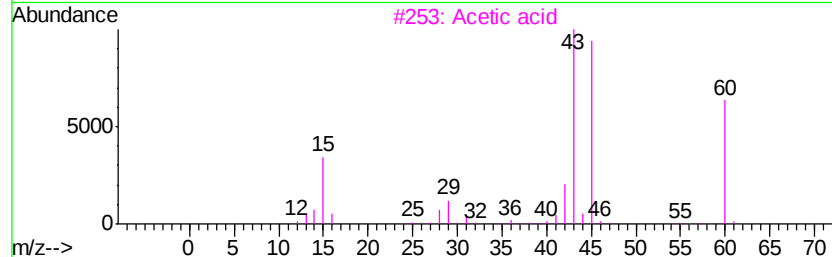
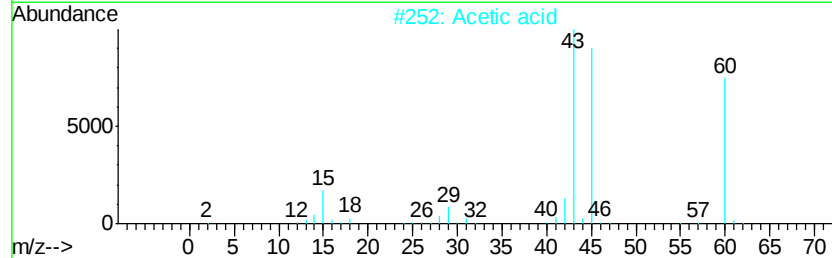
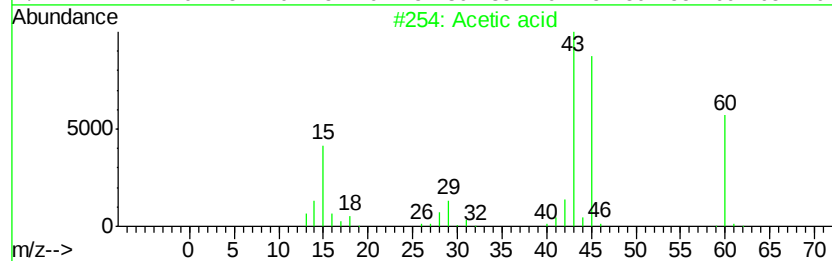
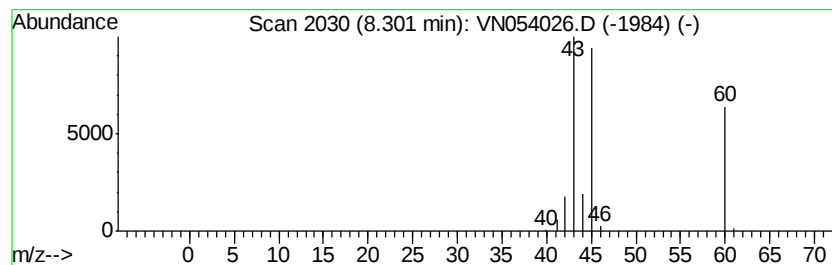
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Acetic acid Concentration Rank 1

| R.T. | EstConc   | Area   | Relative to ISTD    | R.T. |
|------|-----------|--------|---------------------|------|
| 8.30 | 4.08 ug/l | 175478 | 1,4-Difluorobenzene | 8.59 |

| Hit# | of                       | 5 | Tentative ID | MW | MolForm | CAS#        | Qual |
|------|--------------------------|---|--------------|----|---------|-------------|------|
| 1    | Acetic acid              |   |              | 60 | C2H4O2  | 000064-19-7 | 86   |
| 2    | Acetic acid              |   |              | 60 | C2H4O2  | 000064-19-7 | 80   |
| 3    | Acetic acid              |   |              | 60 | C2H4O2  | 000064-19-7 | 78   |
| 4    | Hydrazine, 1,2-dimethyl- |   |              | 60 | C2H8N2  | 000540-73-8 | 59   |
| 5    | Acetic acid              |   |              | 60 | C2H4O2  | 000064-19-7 | 50   |



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| TIC Top Hit name | RT   | EstConc | Units | Response | --Internal Standard-- |      |         |      |
|------------------|------|---------|-------|----------|-----------------------|------|---------|------|
|                  |      |         |       |          | #                     | RT   | Resp    | Conc |
| Acetic acid      | 8.30 | 4.1     | ug/l  | 175478   | 2                     | 8.59 | 1290020 | 30.0 |