

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092818\  
 Data File : VV007964.D  
 Acq On : 28 Sep 2018 20:23  
 Operator : SY/MD  
 Sample : J5062-19  
 Misc : 25.0 mL/MSVOA V/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 GAC19

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.1

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\_V\METHOD\SOMVTR092718WMA.M

Title : TRACE VOA SOM01.0

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         | 1.322       | 63            | 72          | 82           | rVB      | 29853          | 35576         | 12.87%          | 1.450%        |
| 2         | 1.399       | 91            | 96          | 104          | rBV      | 2847           | 2894          | 1.05%           | 0.118%        |
| 3         | 1.585       | 147           | 154         | 163          | rVB      | 29965          | 33010         | 11.94%          | 1.346%        |
| 4         | 2.135       | 316           | 325         | 336          | rVB      | 61300          | 85285         | 30.86%          | 3.476%        |
| 5         | 2.216       | 341           | 350         | 363          | rVB2     | 3913           | 7770          | 2.81%           | 0.317%        |
| 6         | 3.962       | 878           | 893         | 922          | rBV      | 36987          | 112257        | 40.62%          | 4.576%        |
| 7         | 4.148       | 937           | 951         | 976          | rBV      | 41780          | 104775        | 37.91%          | 4.271%        |
| 8         | 4.408       | 1015          | 1032        | 1051         | rVB      | 47103          | 111231        | 40.25%          | 4.534%        |
| 9         | 4.878       | 1167          | 1178        | 1189         | rBV6     | 1345           | 3079          | 1.11%           | 0.126%        |
| 10        | 5.100       | 1229          | 1247        | 1274         | rBV2     | 106992         | 253162        | 91.60%          | 10.320%       |
| 11        | 5.669       | 1410          | 1424        | 1444         | rBV      | 104269         | 203928        | 73.79%          | 8.313%        |
| 12        | 6.122       | 1550          | 1565        | 1586         | rBV      | 62223          | 123932        | 44.84%          | 5.052%        |
| 13        | 7.035       | 1835          | 1849        | 1864         | rBV2     | 27648          | 48259         | 17.46%          | 1.967%        |
| 14        | 7.363       | 1938          | 1951        | 1969         | rBV      | 123846         | 212602        | 76.92%          | 8.666%        |
| 15        | 7.669       | 2035          | 2046        | 2061         | rBV2     | 15946          | 27004         | 9.77%           | 1.101%        |
| 16        | 7.990       | 2135          | 2146        | 2157         | rVB2     | 3799           | 6335          | 2.29%           | 0.258%        |
| 17        | 8.141       | 2179          | 2193        | 2223         | rBV      | 141014         | 276379        | 100.00%         | 11.266%       |
| 18        | 8.900       | 2417          | 2429        | 2447         | rBV      | 153871         | 249712        | 90.35%          | 10.179%       |
| 19        | 10.267      | 2843          | 2854        | 2871         | rVB      | 47492          | 75683         | 27.38%          | 3.085%        |
| 20        | 10.431      | 2894          | 2905        | 2917         | rBV2     | 8281           | 14046         | 5.08%           | 0.573%        |
| 21        | 11.299      | 3164          | 3175        | 3199         | rBV      | 147699         | 240468        | 87.01%          | 9.802%        |
| 22        | 11.675      | 3280          | 3292        | 3315         | rVB      | 126900         | 205659        | 74.41%          | 8.383%        |
| 23        | 12.305      | 3479          | 3488        | 3495         | rBV4     | 1968           | 2952          | 1.07%           | 0.120%        |
| 24        | 16.366      | 4743          | 4751        | 4759         | rBV2     | 13423          | 17195         | 6.22%           | 0.701%        |

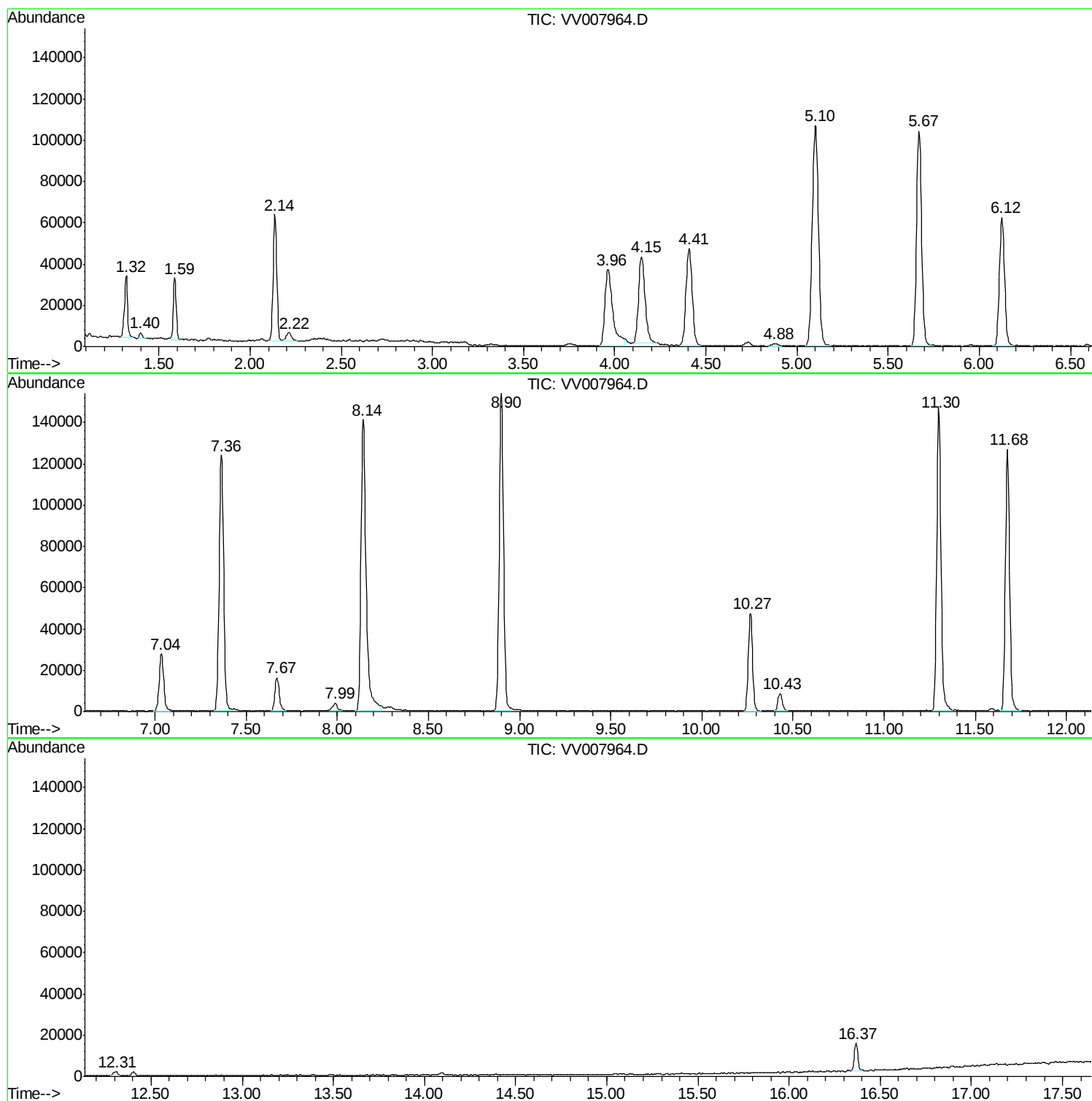
Sum of corrected areas: 2453193

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MSVOA\_V  
ClientSampleId :  
GAC19

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR092718WMA.M  
Quant Title : TRACE VOA SOM01.0

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



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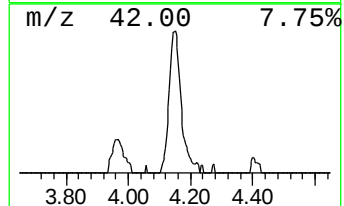
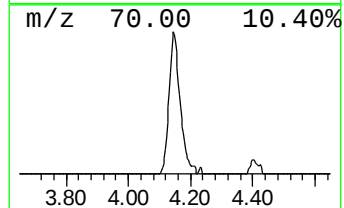
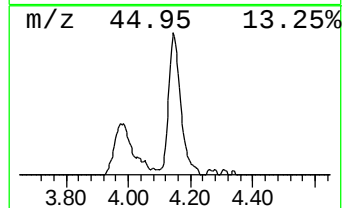
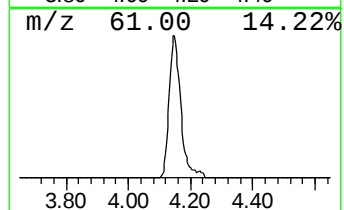
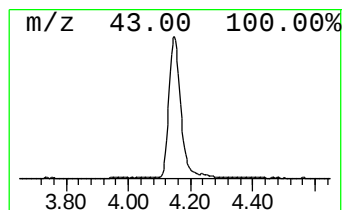
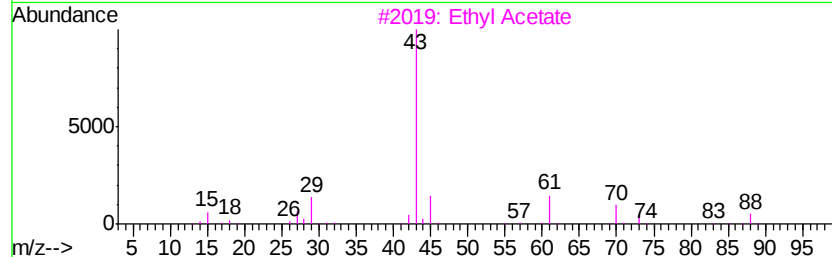
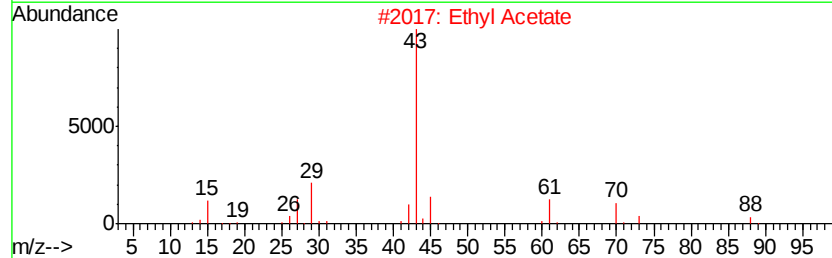
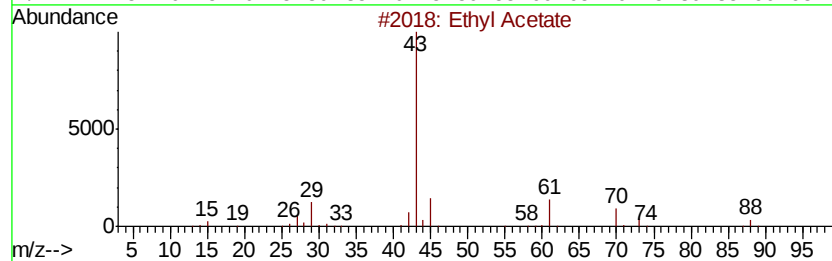
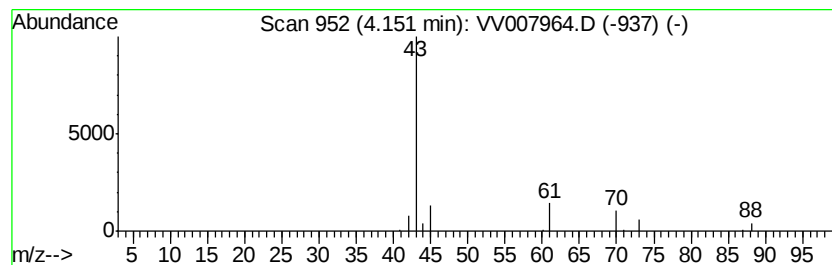
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Quant Title : TRACE VOA SOM01.0

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

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Peak Number 1 Ethyl Acetate Concentration Rank 1

| R.T. | EstConc   | Area   | Relative to ISTD    | R.T. |
|------|-----------|--------|---------------------|------|
| 4.15 | 2.57 ug/L | 104775 | 1,4-Difluorobenzene | 5.67 |

| Hit# | of | 5 | Tentative ID    | MW | MolForm | CAS#        | Qual |
|------|----|---|-----------------|----|---------|-------------|------|
| 1    |    |   | Ethyl Acetate   | 88 | C4H8O2  | 000141-78-6 | 90   |
| 2    |    |   | Ethyl Acetate   | 88 | C4H8O2  | 000141-78-6 | 90   |
| 3    |    |   | Ethyl Acetate   | 88 | C4H8O2  | 000141-78-6 | 90   |
| 4    |    |   | Ethyl Acetate   | 88 | C4H8O2  | 000141-78-6 | 83   |
| 5    |    |   | CH3C(O)CH2CH2OH | 88 | C4H8O2  | 000590-90-9 | 59   |



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| TIC Top Hit name | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                  |      |         |       |          | #                     | RT   | Resp   | Conc |
| Ethyl Acetate    | 4.15 | 2.6     | ug/L  | 104775   | 1                     | 5.67 | 203928 | 5.0  |