

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100818\  
 Data File : VV008182.D  
 Acq On : 09 Oct 2018 04:52  
 Operator : SY/MD  
 Sample : J5280-16  
 Misc : 25.0 mL/MSVOA V/WATER  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BEYK3

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\SOMVTR100518WMA.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         | 1.319       | 64            | 71          | 86           | rVB      | 40770          | 48035         | 17.65%          | 1.854%        |
| 2         | 1.585       | 147           | 154         | 165          | rVB      | 35637          | 38886         | 14.29%          | 1.501%        |
| 3         | 2.135       | 315           | 325         | 337          | rBV      | 72157          | 100750        | 37.02%          | 3.889%        |
| 4         | 2.363       | 375           | 396         | 398          | rBV      | 23323          | 44914         | 16.50%          | 1.734%        |
| 5         | 2.540       | 446           | 451         | 460          | rVB4     | 2839           | 3493          | 1.28%           | 0.135%        |
| 6         | 3.961       | 878           | 893         | 908          | rBV      | 34443          | 96424         | 35.43%          | 3.722%        |
| 7         | 4.148       | 938           | 951         | 975          | rVB2     | 14611          | 37906         | 13.93%          | 1.463%        |
| 8         | 4.408       | 1015          | 1032        | 1052         | rBV      | 50354          | 120856        | 44.41%          | 4.665%        |
| 9         | 5.100       | 1230          | 1247        | 1271         | rBV2     | 115692         | 272145        | 100.00%         | 10.506%       |
| 10        | 5.669       | 1404          | 1424        | 1444         | rBV      | 98139          | 193072        | 70.94%          | 7.453%        |
| 11        | 5.965       | 1502          | 1516        | 1537         | rBV      | 123875         | 240982        | 88.55%          | 9.303%        |
| 12        | 6.125       | 1552          | 1566        | 1588         | rBV      | 65436          | 130332        | 47.89%          | 5.031%        |
| 13        | 7.035       | 1836          | 1849        | 1867         | rBV2     | 27294          | 49294         | 18.11%          | 1.903%        |
| 14        | 7.363       | 1938          | 1951        | 1968         | rBV      | 129031         | 222670        | 81.82%          | 8.596%        |
| 15        | 7.669       | 2037          | 2046        | 2066         | rVB2     | 16100          | 27688         | 10.17%          | 1.069%        |
| 16        | 8.145       | 2181          | 2194        | 2230         | rBV2     | 108805         | 254074        | 93.36%          | 9.808%        |
| 17        | 8.900       | 2415          | 2429        | 2453         | rBV      | 140407         | 233358        | 85.75%          | 9.008%        |
| 18        | 10.267      | 2843          | 2854        | 2871         | rVB      | 43884          | 70143         | 25.77%          | 2.708%        |
| 19        | 10.434      | 2896          | 2906        | 2915         | rBV3     | 3337           | 6035          | 2.22%           | 0.233%        |
| 20        | 11.299      | 3164          | 3175        | 3201         | rVB      | 116138         | 204673        | 75.21%          | 7.901%        |
| 21        | 11.595      | 3257          | 3267        | 3276         | rBV5     | 2128           | 3544          | 1.30%           | 0.137%        |
| 22        | 11.678      | 3280          | 3293        | 3315         | rBV      | 112753         | 191209        | 70.26%          | 7.381%        |

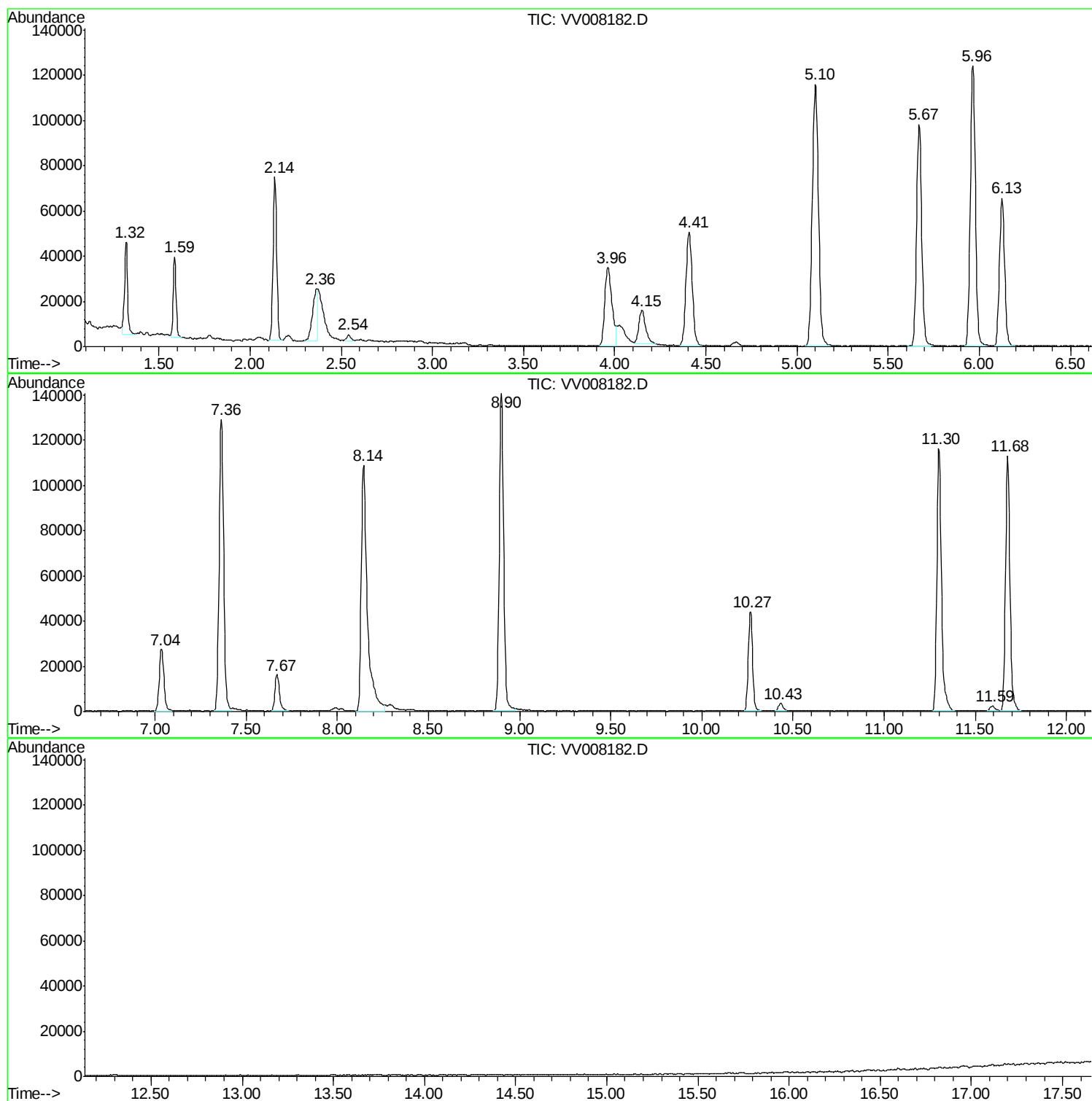
Sum of corrected areas: 2590483

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Instrument :  
MSVOA\_V  
ClientSampleId :  
BEYK3

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR100518WMA.M  
Quant Title : TRACE VOA SOM01.0

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



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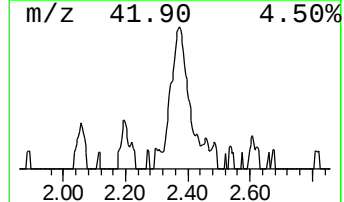
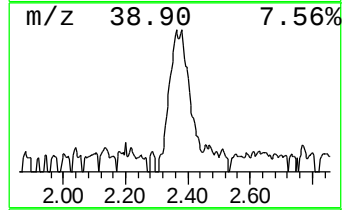
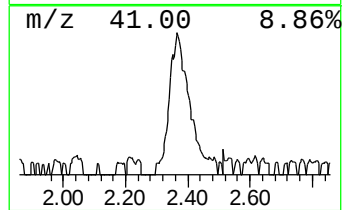
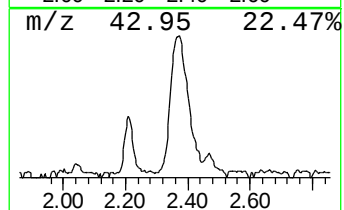
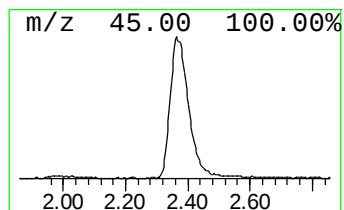
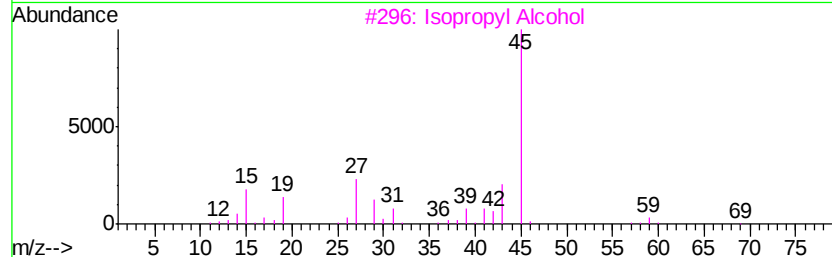
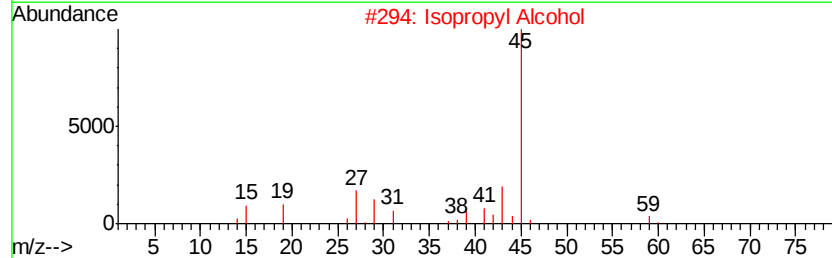
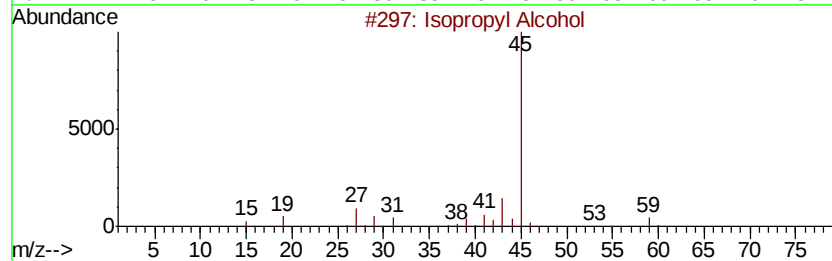
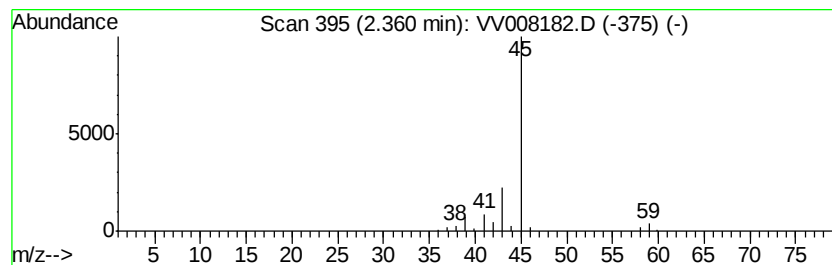
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR100518WMA.M  
Quant Title : TRACE VOA SOM01.0

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

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Peak Number 1 Isopropyl Alcohol Concentration Rank 2

| R.T. | EstConc   | Area  | Relative to ISTD    | R.T. |
|------|-----------|-------|---------------------|------|
| 2.36 | 1.16 ug/L | 44914 | 1,4-Difluorobenzene | 5.67 |

| Hit# | of | 5 | Tentative ID             | MW | MolForm | CAS#        | Qual |
|------|----|---|--------------------------|----|---------|-------------|------|
| 1    |    |   | Isopropyl Alcohol        | 60 | C3H8O   | 000067-63-0 | 80   |
| 2    |    |   | Isopropyl Alcohol        | 60 | C3H8O   | 000067-63-0 | 72   |
| 3    |    |   | Isopropyl Alcohol        | 60 | C3H8O   | 000067-63-0 | 72   |
| 4    |    |   | Isopropyl Alcohol        | 60 | C3H8O   | 000067-63-0 | 56   |
| 5    |    |   | Hydrazine, 1,2-dimethyl- | 60 | C2H8N2  | 000540-73-8 | 9    |



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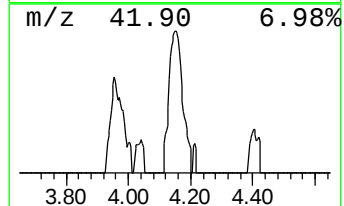
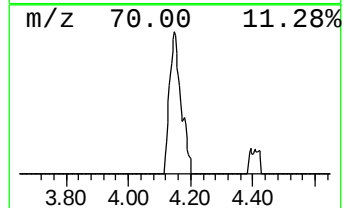
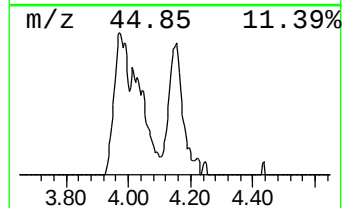
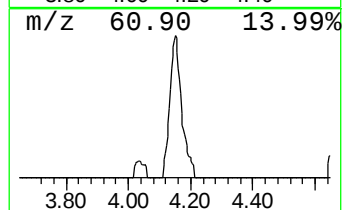
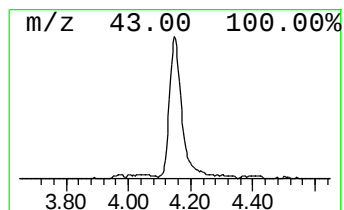
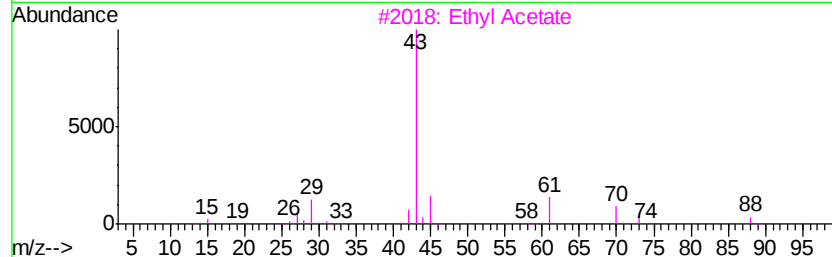
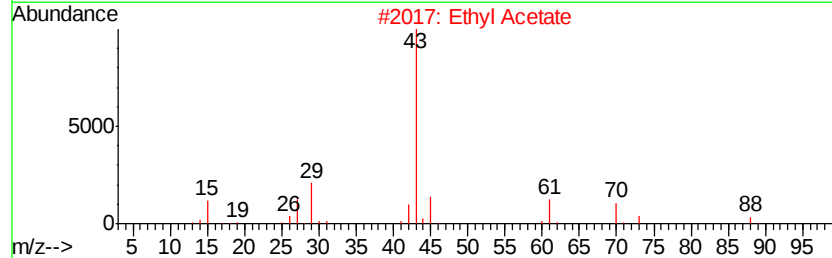
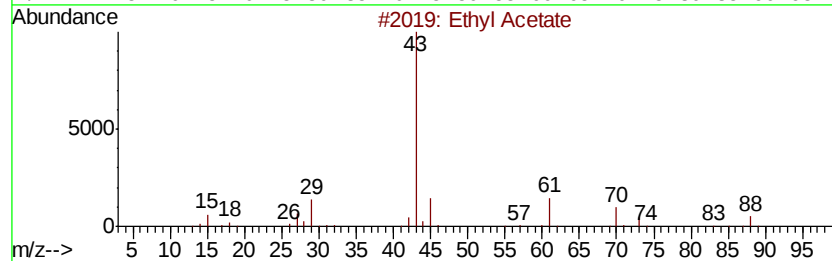
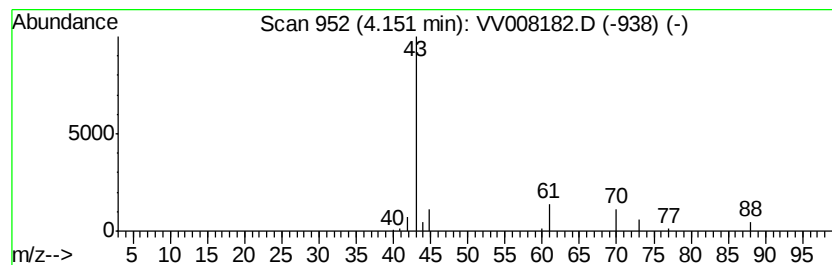
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TIC Integration Parameters: LSCINT.P

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Peak Number 2 Ethyl Acetate Concentration Rank 3

| R.T. | EstConc   | Area  | Relative to ISTD    | R.T. |
|------|-----------|-------|---------------------|------|
| 4.15 | 0.98 ug/L | 37906 | 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 | 42   |



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| TIC Top Hit name  | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|-------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                   |      |         |       |          | #                     | RT   | Resp   | Conc |
| Isopropyl Alcohol | 2.36 | 1.2     | ug/L  | 44914    | 1                     | 5.67 | 193072 | 5.0  |
| Ethyl Acetate     | 4.15 | 1.0     | ug/L  | 37906    | 1                     | 5.67 | 193072 | 5.0  |