

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_V\DATA\VV112719\  
 Data File : VV013820.D  
 Acq On : 27 Nov 2019 13:38  
 Operator : SY/MD  
 Sample : K6004-08  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 B0AF0

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\SOMVTR112219WMA.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         | 1.248       | 36            | 49          | 62           | rBV4     | 55530          | 208599        | 17.96%          | 2.257%        |
| 2         | 1.315       | 64            | 70          | 89           | rVB      | 151482         | 199867        | 17.21%          | 2.163%        |
| 3         | 1.579       | 146           | 152         | 162          | rVB      | 126475         | 139405        | 12.00%          | 1.508%        |
| 4         | 2.126       | 312           | 322         | 333          | rVB      | 222268         | 311557        | 26.82%          | 3.371%        |
| 5         | 3.962       | 880           | 893         | 930          | rBV2     | 104065         | 459482        | 39.56%          | 4.972%        |
| 6         | 4.396       | 1013          | 1028        | 1058         | rBV2     | 177905         | 479213        | 41.26%          | 5.185%        |
| 7         | 5.093       | 1225          | 1245        | 1269         | rBV2     | 426234         | 1043060       | 89.81%          | 11.287%       |
| 8         | 5.659       | 1408          | 1421        | 1441         | rBV      | 385359         | 774524        | 66.68%          | 8.381%        |
| 9         | 5.945       | 1503          | 1510        | 1517         | rBV9     | 7706           | 13009         | 1.12%           | 0.141%        |
| 10        | 6.113       | 1548          | 1562        | 1585         | rBV      | 248547         | 507277        | 43.68%          | 5.489%        |
| 11        | 7.026       | 1836          | 1846        | 1862         | rBV      | 112460         | 199781        | 17.20%          | 2.162%        |
| 12        | 7.357       | 1937          | 1949        | 1966         | rBV      | 436288         | 753208        | 64.85%          | 8.150%        |
| 13        | 7.662       | 2029          | 2044        | 2059         | rBV      | 70181          | 124699        | 10.74%          | 1.349%        |
| 14        | 8.138       | 2177          | 2192        | 2223         | rBV2     | 491819         | 1161472       | 100.00%         | 12.568%       |
| 15        | 8.891       | 2411          | 2426        | 2446         | rBV      | 564669         | 938111        | 80.77%          | 10.151%       |
| 16        | 10.257      | 2840          | 2851        | 2869         | rVB      | 207481         | 331025        | 28.50%          | 3.582%        |
| 17        | 11.289      | 3160          | 3172        | 3192         | rBV      | 521656         | 830053        | 71.47%          | 8.982%        |
| 18        | 11.665      | 3277          | 3289        | 3307         | rBV      | 482698         | 767220        | 66.06%          | 8.302%        |

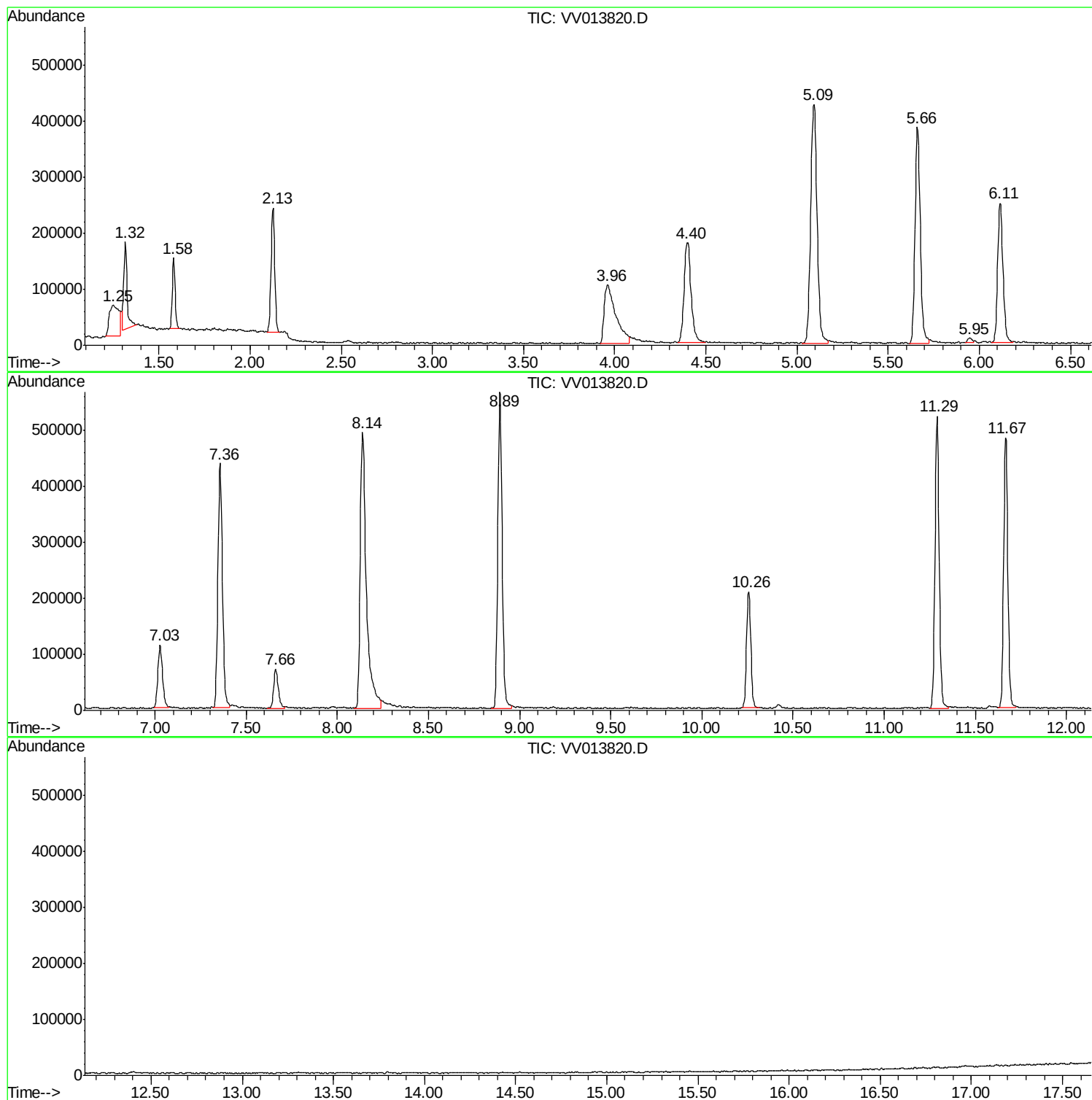
Sum of corrected areas: 9241562

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Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A\_V\METHOD\SOMVTR112219WMA.M  
Quant Title : TRACE VOA SOM01.0

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



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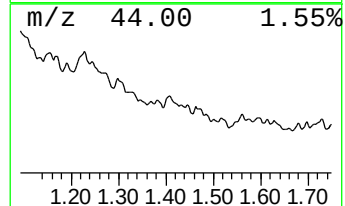
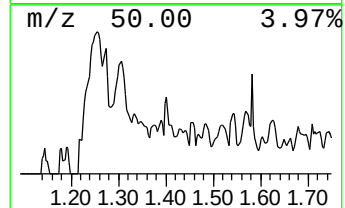
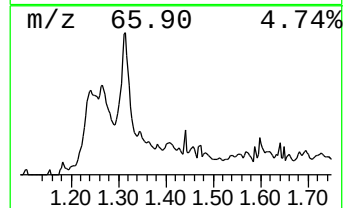
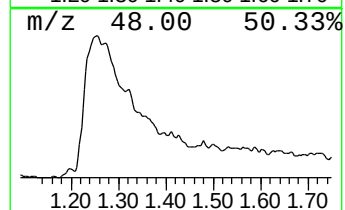
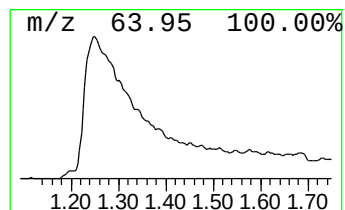
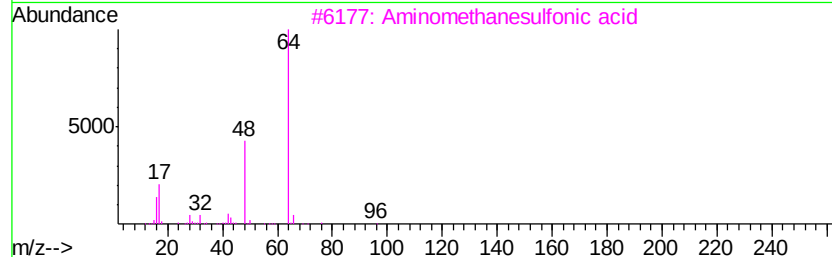
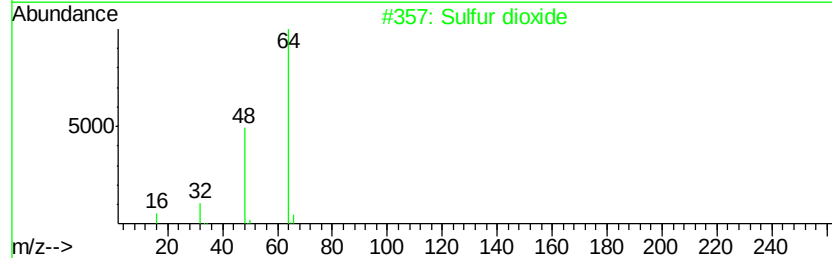
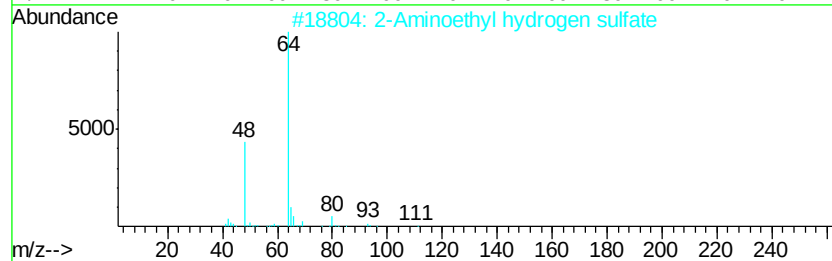
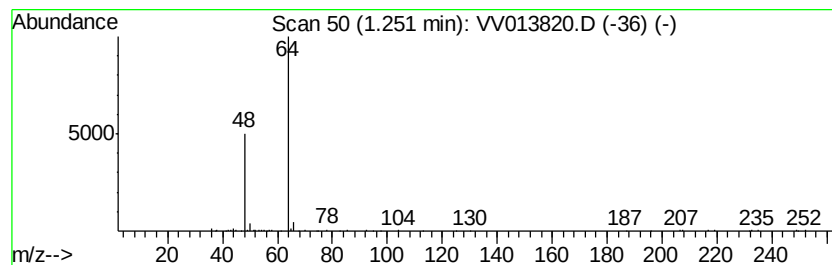
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ClientSampleId :  
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Quant Title : TRACE VOA SOM01.0

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

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Peak Number 1 2-Aminoethyl hydrogen sulfate Concentration Rank 1

| R.T.    | EstConc                       | Area         | Relative to ISTD    | R.T.      |
|---------|-------------------------------|--------------|---------------------|-----------|
| 1.25    | 1.35 ug/L                     | 208599       | 1,4-Difluorobenzene | 5.66      |
| Hit# of | 5                             | Tentative ID | MW MolForm          | CAS# Qual |
| 1       | 2-Aminoethyl hydrogen sulfate | 141 C2H7N04S | 000926-39-6         | 83        |
| 2       | Sulfur dioxide                | 64 O2S       | 007446-09-5         | 83        |
| 3       | Aminomethanesulfonic acid     | 111 CH5N03S  | 013881-91-9         | 74        |
| 4       | Aminomethanesulfonic acid     | 111 CH5N03S  | 013881-91-9         | 74        |
| 5       | L-Alanine, 3-sulfo-           | 169 C3H7N05S | 000498-40-8         | 64        |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| 2-Aminoethyl hydr... | 1.25 | 1.4     | ug/L  | 208599   | 1                     | 5.66 | 774524 | 5.0  |