

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU080822\  
 Data File : VU050167.D  
 Acq On : 09 Aug 2022 05:12  
 Operator : SY/MD  
 Sample : N4075-11  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 DBUX8

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.1

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\_U\Method\SFAMUTR080422WMA.M

Title : TRACE VOA SFAM1.0

Signal : TIC: VU050167.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         | 1.594       | 70            | 79          | 89           | rBV      | 32352          | 37657         | 4.10%           | 1.031%        |
| 2         | 1.912       | 169           | 178         | 191          | rBV      | 30921          | 39772         | 4.34%           | 1.089%        |
| 3         | 2.340       | 300           | 311         | 329          | rBV      | 9105           | 20674         | 2.25%           | 0.566%        |
| 4         | 2.562       | 368           | 380         | 398          | rVB      | 49953          | 80349         | 8.76%           | 2.201%        |
| 5         | 3.366       | 612           | 630         | 677          | rVB      | 388650         | 917410        | 100.00%         | 25.127%       |
| 6         | 4.649       | 1013          | 1029        | 1077         | rBV2     | 50814          | 225241        | 24.55%          | 6.169%        |
| 7         | 5.063       | 1143          | 1158        | 1178         | rBV      | 62737          | 133791        | 14.58%          | 3.664%        |
| 8         | 5.726       | 1341          | 1364        | 1389         | rBV2     | 118240         | 306990        | 33.46%          | 8.408%        |
| 9         | 5.944       | 1418          | 1432        | 1454         | rVB2     | 14730          | 31684         | 3.45%           | 0.868%        |
| 10        | 6.250       | 1514          | 1527        | 1548         | rBV      | 103226         | 195225        | 21.28%          | 5.347%        |
| 11        | 6.513       | 1597          | 1609        | 1624         | rBV9     | 3456           | 9222          | 1.01%           | 0.253%        |
| 12        | 6.694       | 1651          | 1665        | 1683         | rBV      | 78436          | 152713        | 16.65%          | 4.183%        |
| 13        | 7.568       | 1922          | 1937        | 1951         | rBV2     | 30908          | 54580         | 5.95%           | 1.495%        |
| 14        | 7.899       | 2026          | 2040        | 2057         | rBV      | 121364         | 210202        | 22.91%          | 5.757%        |
| 15        | 8.182       | 2117          | 2128        | 2141         | rBV2     | 18999          | 32102         | 3.50%           | 0.879%        |
| 16        | 8.639       | 2257          | 2270        | 2304         | rBV2     | 201534         | 447753        | 48.81%          | 12.263%       |
| 17        | 9.417       | 2499          | 2512        | 2532         | rBV      | 147600         | 249653        | 27.21%          | 6.838%        |
| 18        | 10.758      | 2916          | 2929        | 2943         | rBV      | 73036          | 115759        | 12.62%          | 3.171%        |
| 19        | 11.812      | 3243          | 3257        | 3277         | rBV      | 124535         | 200071        | 21.81%          | 5.480%        |
| 20        | 12.195      | 3362          | 3376        | 3390         | rBV      | 117057         | 190278        | 20.74%          | 5.211%        |

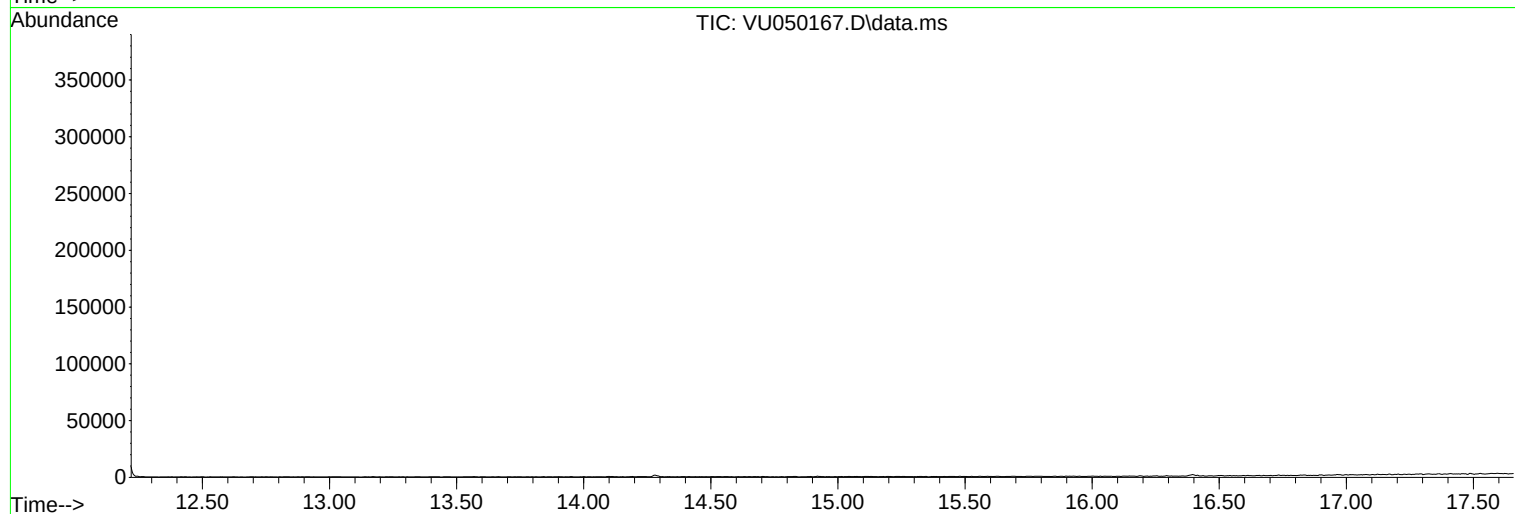
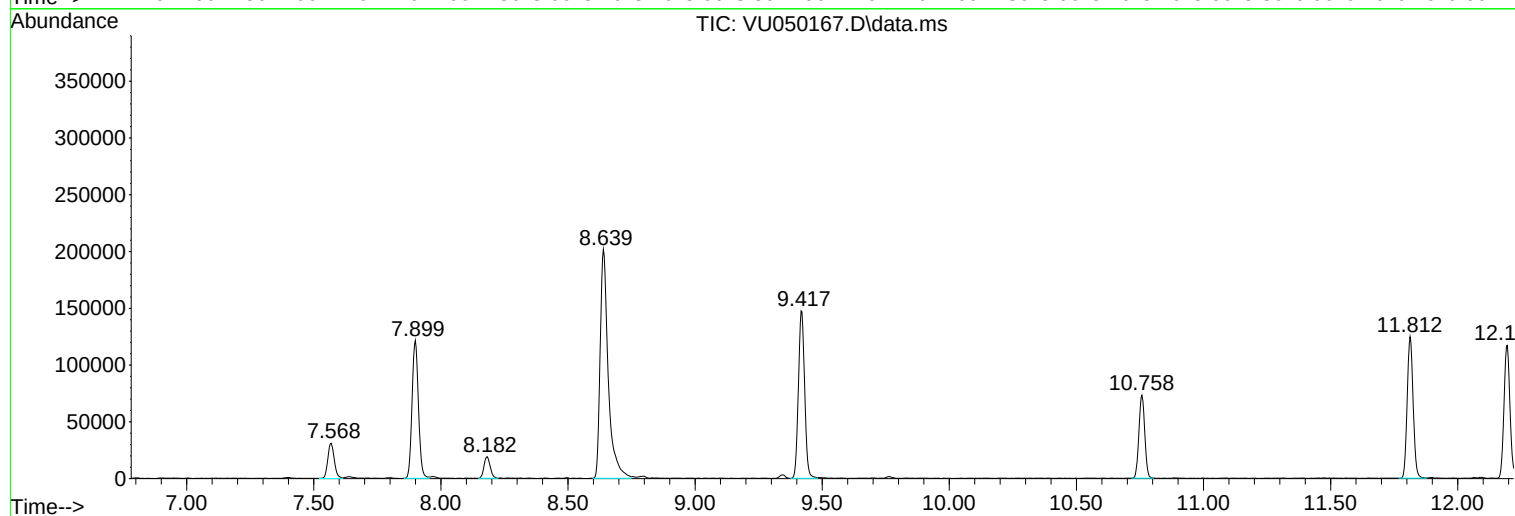
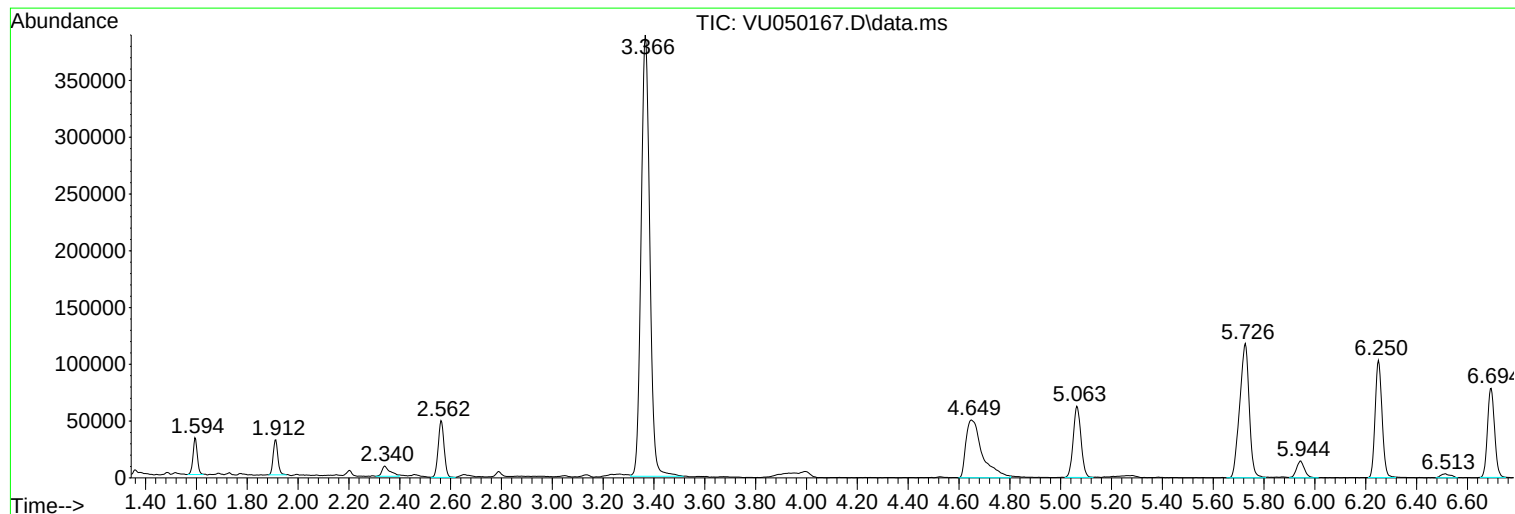
Sum of corrected areas: 3651126

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Instrument :  
MSVOA\_U  
ClientSampleId :  
DBUX8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR080422WMA.M  
Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P



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Instrument :  
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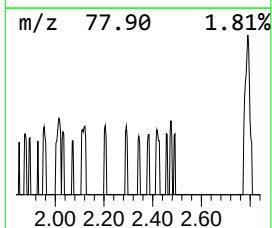
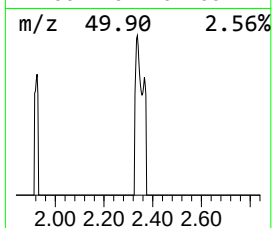
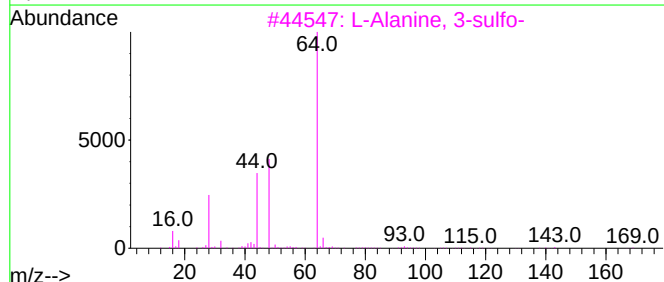
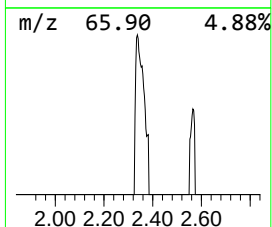
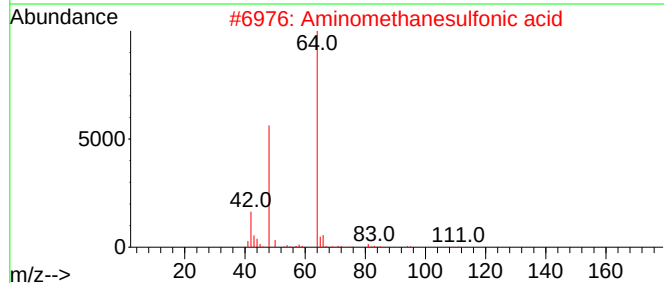
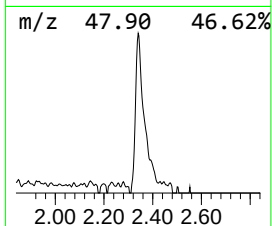
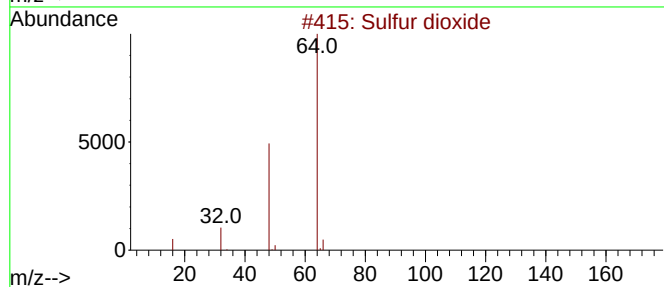
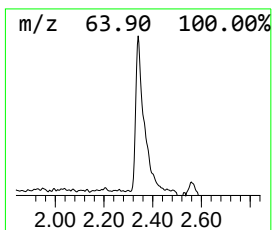
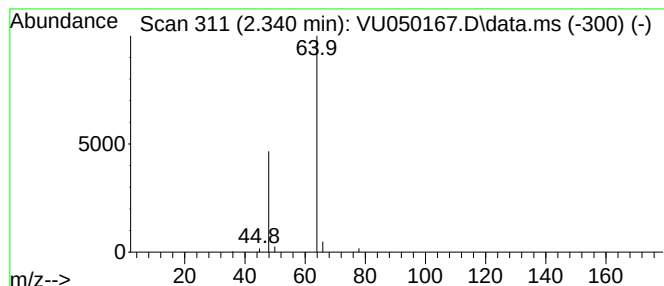
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR080422WMA.M  
Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Sulfur dioxide Concentration Rank 3

| R.T.  | EstConc   | Area  | Relative to ISTD    | R.T.  |
|-------|-----------|-------|---------------------|-------|
| 2.340 | 0.53 ug/L | 20674 | 1,4-Difluorobenzene | 6.250 |

| Hit# | of | 5 | Tentative ID              | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------------|-----|----------|-------------|------|
| 1    |    |   | Sulfur dioxide            | 64  | O2S      | 007446-09-5 | 74   |
| 2    |    |   | Aminomethanesulfonic acid | 111 | CH5NO3S  | 013881-91-9 | 64   |
| 3    |    |   | L-Alanine, 3-sulfo-       | 169 | C3H7NO5S | 000498-40-8 | 9    |
| 4    |    |   | Aminomethanesulfonic acid | 111 | CH5NO3S  | 013881-91-9 | 9    |
| 5    |    |   | Sulfur dioxide            | 64  | O2S      | 007446-09-5 | 4    |



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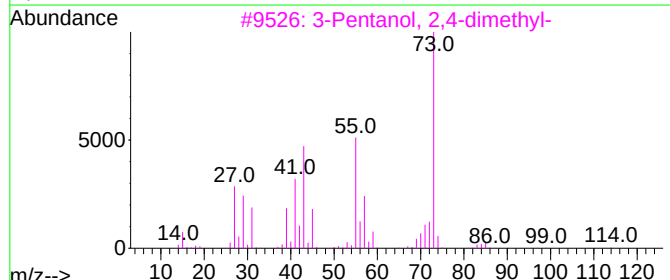
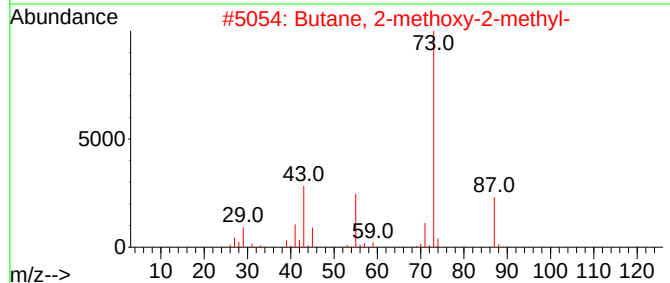
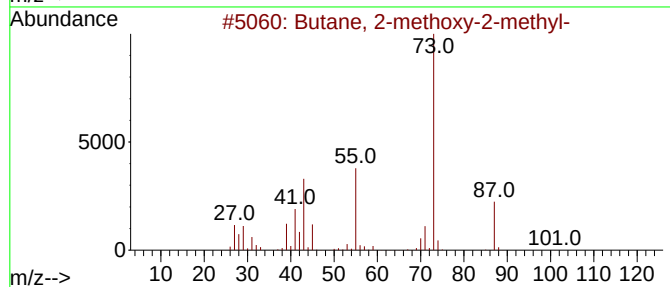
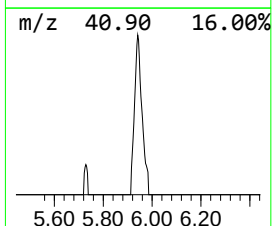
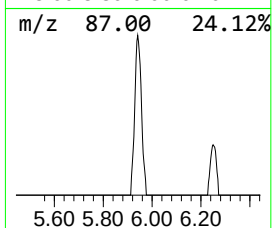
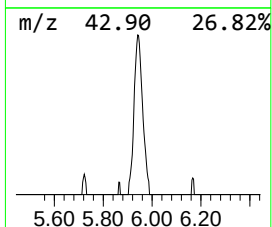
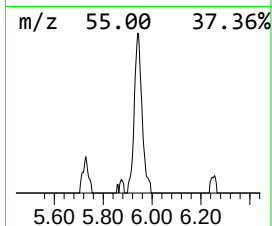
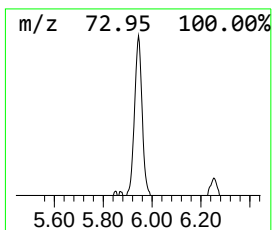
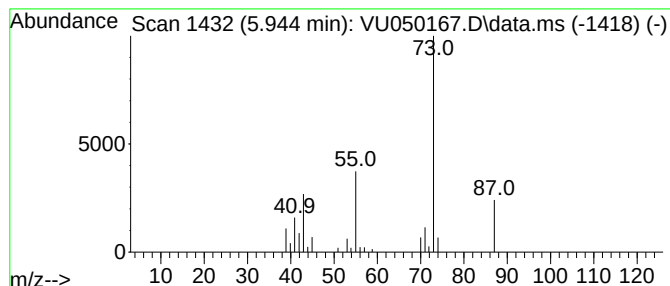
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TIC Integration Parameters: LSCINT.P

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Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 2

| R.T.  | EstConc   | Area  | Relative to ISTD    | R.T.  |
|-------|-----------|-------|---------------------|-------|
| 5.944 | 0.81 ug/L | 31684 | 1,4-Difluorobenzene | 6.250 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|-----|---------|-------------|------|
| 1    |    |   | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 64   |
| 2    |    |   | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 59   |
| 3    |    |   | 3-Pentanol, 2,4-dimethyl-   | 116 | C7H16O  | 000600-36-2 | 25   |
| 4    |    |   | N-Ethylformamide            | 73  | C3H7NO  | 000627-45-2 | 9    |
| 5    |    |   | 1,3-Dioxolane, 2-propyl-    | 116 | C6H12O2 | 003390-13-4 | 9    |



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Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name   | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|--------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                    |       |         |       |          | #                     | RT    | Resp   | Conc |
| Sulfur dioxide     | 2.340 | 0.5     | ug/L  | 20674    | 1                     | 6.250 | 195225 | 5.0  |
| Butane, 2-metho... | 5.944 | 0.8     | ug/L  | 31684    | 1                     | 6.250 | 195225 | 5.0  |