

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV022124\  
 Data File : VV034319.D  
 Acq On : 21 Feb 2024 15:07  
 Operator : SY/MD  
 Sample : P1503-15  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 DCNC2

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\_V\Method\SFAMVTR012524WMA.M

Title : TRACE VOA SFAM1.0

Signal : TIC: VV034319.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         | 1.182       | 37            | 44          | 65           | rBV      | 30444          | 66608         | 17.90%          | 2.423%        |
| 2         | 1.278       | 66            | 74          | 79           | rBV      | 33242          | 39706         | 10.67%          | 1.444%        |
| 3         | 1.314       | 79            | 85          | 112          | rVV      | 30793          | 98812         | 26.56%          | 3.594%        |
| 4         | 1.536       | 148           | 154         | 167          | rVB      | 34575          | 43512         | 11.70%          | 1.583%        |
| 5         | 2.060       | 309           | 317         | 335          | rVB      | 70287          | 117324        | 31.54%          | 4.268%        |
| 6         | 2.243       | 364           | 374         | 385          | rBV2     | 2432           | 4382          | 1.18%           | 0.159%        |
| 7         | 2.516       | 449           | 459         | 470          | rVB3     | 2155           | 4078          | 1.10%           | 0.148%        |
| 8         | 2.706       | 502           | 518         | 542          | rBV      | 175101         | 372023        | 100.00%         | 13.533%       |
| 9         | 3.214       | 664           | 676         | 690          | rBV4     | 4846           | 11490         | 3.09%           | 0.418%        |
| 10        | 3.674       | 806           | 819         | 830          | rBB4     | 2314           | 5184          | 1.39%           | 0.189%        |
| 11        | 3.822       | 855           | 865         | 892          | rBV2     | 14455          | 53164         | 14.29%          | 1.934%        |
| 12        | 4.249       | 984           | 998         | 1024         | rVB2     | 46280          | 117658        | 31.63%          | 4.280%        |
| 13        | 4.960       | 1204          | 1219        | 1247         | rBV3     | 100930         | 255411        | 68.65%          | 9.291%        |
| 14        | 5.204       | 1277          | 1295        | 1312         | rBV3     | 10066          | 26350         | 7.08%           | 0.958%        |
| 15        | 5.535       | 1388          | 1398        | 1423         | rBV2     | 91498          | 188529        | 50.68%          | 6.858%        |
| 16        | 5.989       | 1523          | 1539        | 1563         | rBV      | 58127          | 122218        | 32.85%          | 4.446%        |
| 17        | 6.918       | 1818          | 1828        | 1848         | rBV2     | 21316          | 42141         | 11.33%          | 1.533%        |
| 18        | 7.243       | 1919          | 1929        | 1952         | rBV      | 122606         | 220498        | 59.27%          | 8.021%        |
| 19        | 7.561       | 2020          | 2028        | 2048         | rBV2     | 10617          | 20816         | 5.60%           | 0.757%        |
| 20        | 8.027       | 2164          | 2173        | 2208         | rBV      | 90362          | 223918        | 60.19%          | 8.145%        |
| 21        | 8.786       | 2399          | 2409        | 2433         | rVV      | 133330         | 225903        | 60.72%          | 8.217%        |
| 22        | 10.153      | 2824          | 2834        | 2852         | rBV      | 39062          | 62872         | 16.90%          | 2.287%        |
| 23        | 11.185      | 3145          | 3155        | 3180         | rBV      | 142008         | 220335        | 59.23%          | 8.015%        |
| 24        | 11.468      | 3234          | 3243        | 3254         | rBV3     | 4562           | 7762          | 2.09%           | 0.282%        |
| 25        | 11.561      | 3261          | 3272        | 3296         | rBV      | 121789         | 193242        | 51.94%          | 7.029%        |
| 26        | 12.825      | 3654          | 3665        | 3674         | rBV3     | 3600           | 5158          | 1.39%           | 0.188%        |

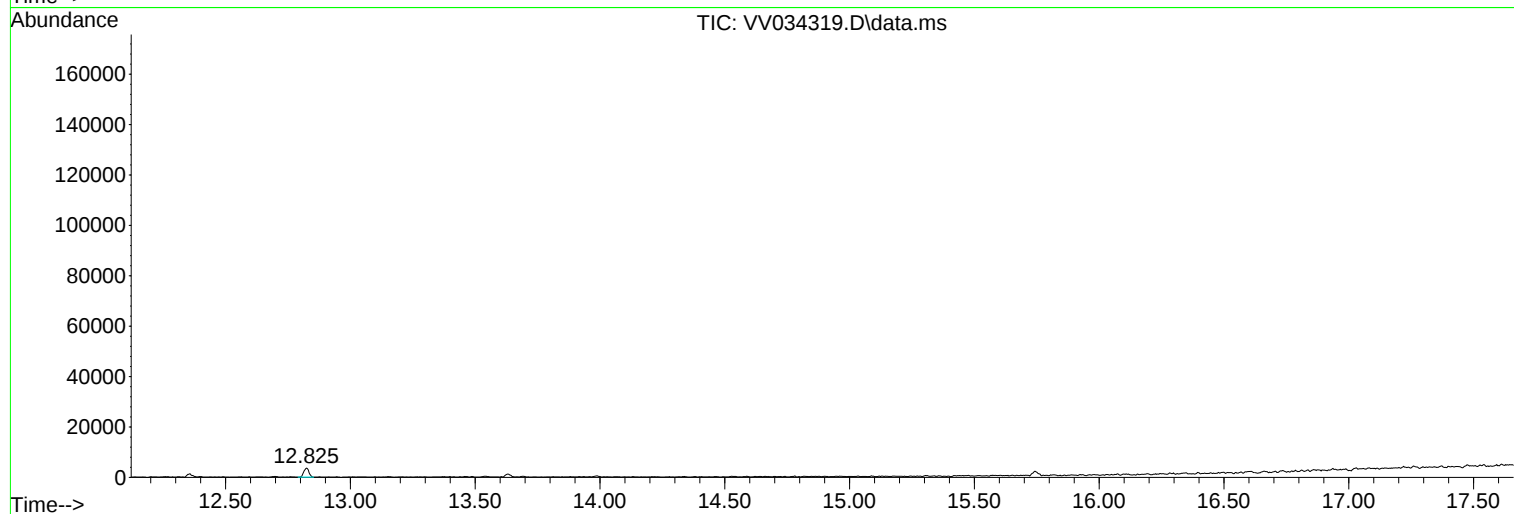
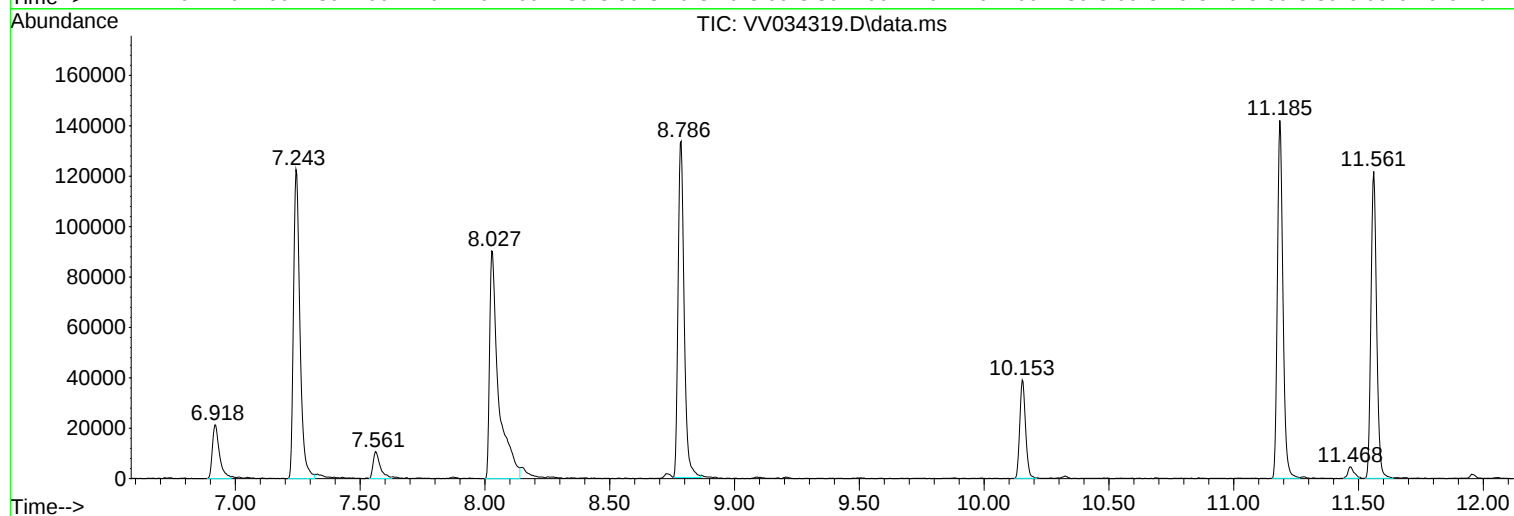
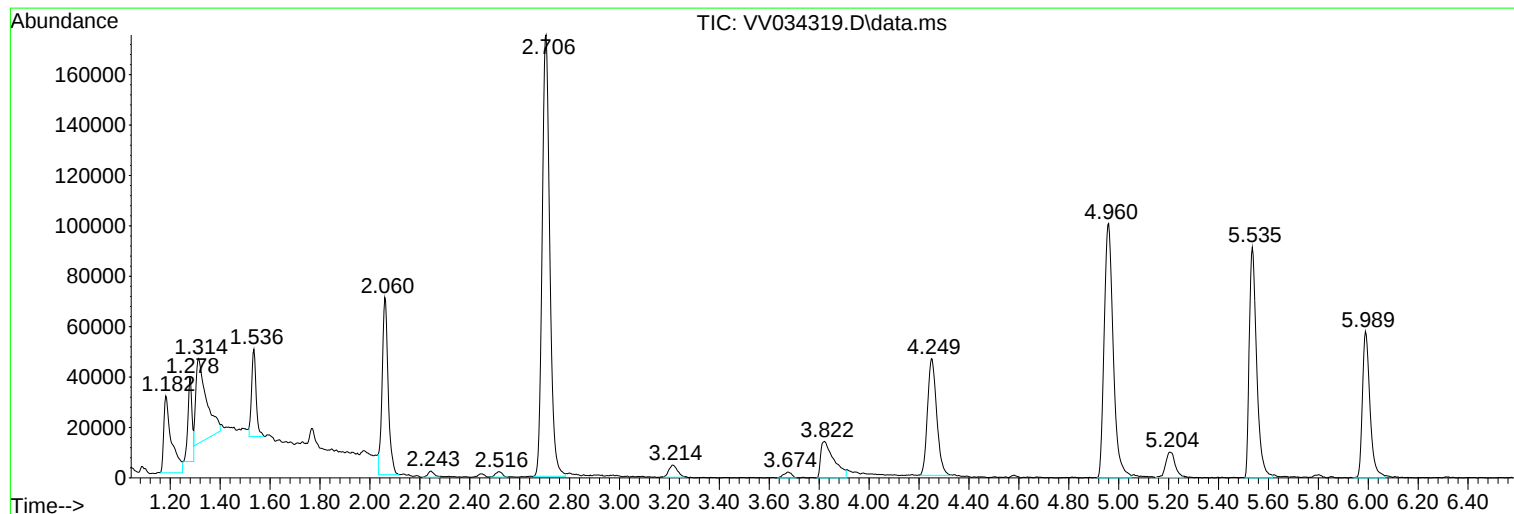
Sum of corrected areas: 2749094

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV022124\  
Data File : VV034319.D  
Acq On : 21 Feb 2024 15:07  
Operator : SY/MD  
Sample : P1503-15  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
DCNC2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR012524WMA.M  
Quant Title : TRACE VOA SFAM1.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV022124\  
Data File : VV034319.D  
Acq On : 21 Feb 2024 15:07  
Operator : SY/MD  
Sample : P1503-15  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
DCNC2

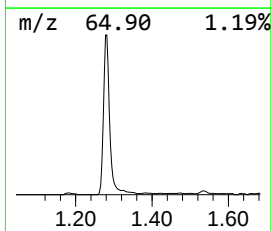
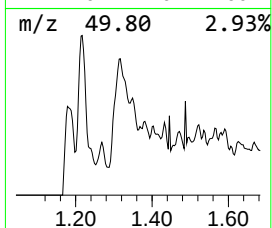
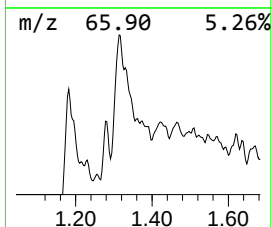
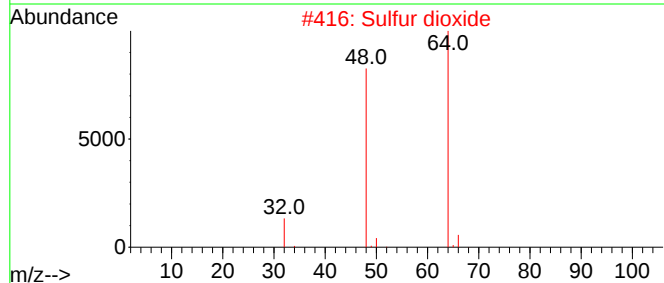
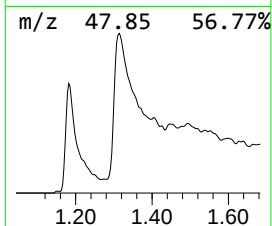
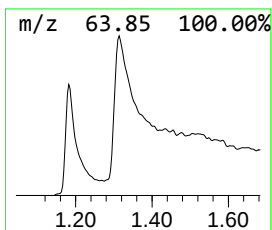
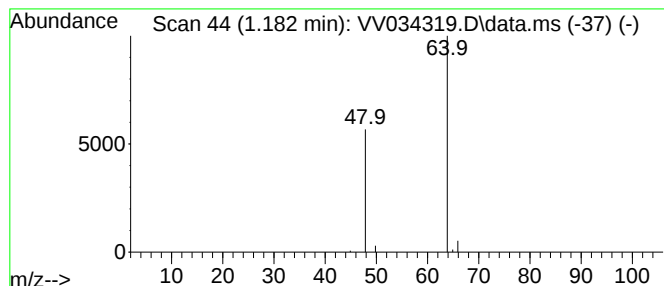
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR012524WMA.M  
Quant Title : TRACE VOA SFAM1.0

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

\*\*\*\*\*  
Peak Number 1 Sulfur dioxide Concentration Rank 1

| R.T.  | EstConc   | Area  | Relative to ISTD    | R.T.  |
|-------|-----------|-------|---------------------|-------|
| 1.182 | 1.77 ug/L | 66608 | 1,4-Difluorobenzene | 5.535 |

| Hit# | of | 5 | Tentative ID              | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------------|-----|----------|-------------|------|
| 1    |    |   | Sulfur dioxide            | 64  | O2S      | 007446-09-5 | 90   |
| 2    |    |   | Sulfur dioxide            | 64  | O2S      | 007446-09-5 | 74   |
| 3    |    |   | Aminomethanesulfonic acid | 111 | CH5NO3S  | 013881-91-9 | 64   |
| 4    |    |   | L-Alanine, 3-sulfo-       | 169 | C3H7NO5S | 000498-40-8 | 9    |
| 5    |    |   | Aminomethanesulfonic acid | 111 | CH5NO3S  | 013881-91-9 | 9    |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV022124\  
Data File : VV034319.D  
Acq On : 21 Feb 2024 15:07  
Operator : SY/MD  
Sample : P1503-15  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
DCNC2

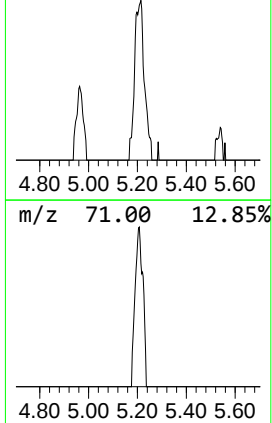
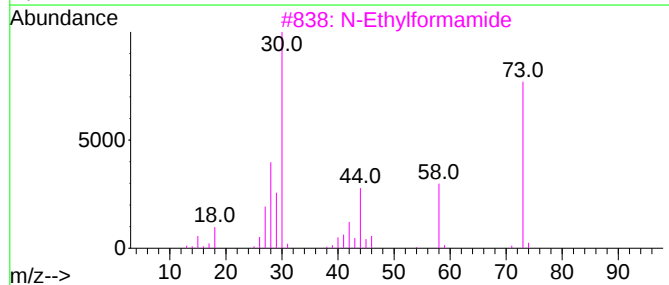
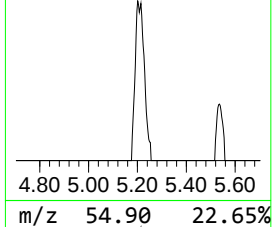
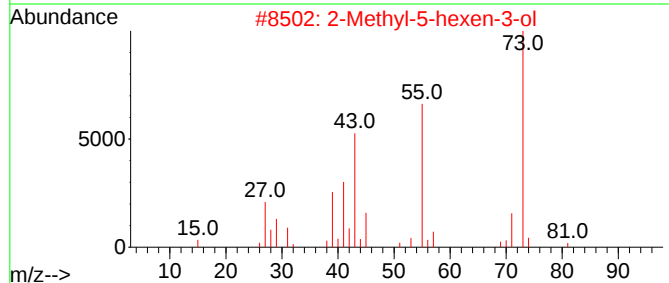
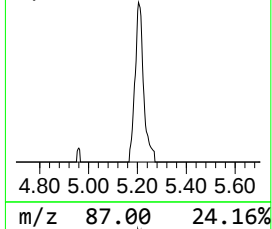
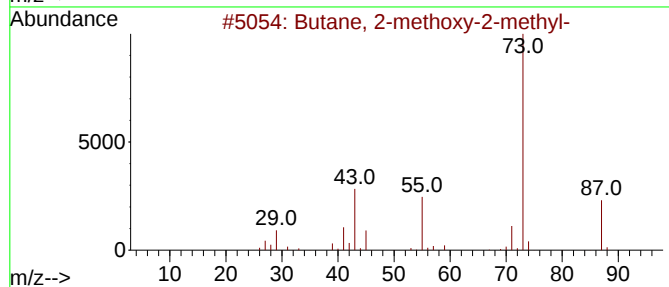
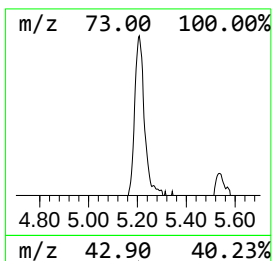
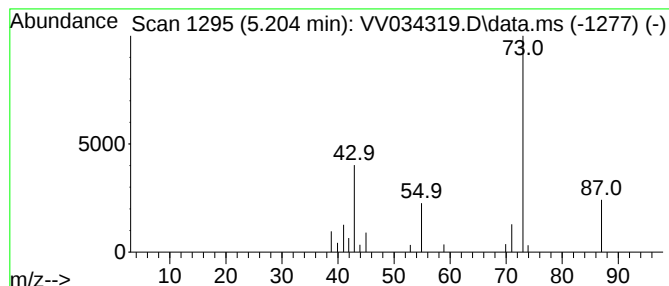
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR012524WMA.M  
Quant Title : TRACE VOA SFAM1.0

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

\*\*\*\*\*  
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

| R.T.  | EstConc   | Area  | Relative to ISTD    | R.T.  |
|-------|-----------|-------|---------------------|-------|
| 5.204 | 0.70 ug/L | 26350 | 1,4-Difluorobenzene | 5.535 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|-----|---------|-------------|------|
| 1    |    |   | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 72   |
| 2    |    |   | 2-Methyl-5-hexen-3-ol       | 114 | C7H14O  | 032815-70-6 | 25   |
| 3    |    |   | N-Ethylformamide            | 73  | C3H7NO  | 000627-45-2 | 9    |
| 4    |    |   | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 9    |
| 5    |    |   | Isobutylamine               | 73  | C4H11N  | 000078-81-9 | 5    |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV022124\  
Data File : VV034319.D  
Acq On : 21 Feb 2024 15:07  
Operator : SY/MD  
Sample : P1503-15  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
DCNC2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR012524WMA.M  
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     | 1.182 | 1.8     | ug/L  | 66608    | 1                     | 5.535 | 188529 | 5.0  |
| Butane, 2-metho... | 5.204 | 0.7     | ug/L  | 26350    | 1                     | 5.535 | 188529 | 5.0  |