

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU020525\  
 Data File : VU063184.D  
 Acq On : 06 Feb 2025 02:35  
 Operator : MD/SY  
 Sample : Q1226-23  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 44 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 DCZN9

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\SFAMUTR020425WMA.M

Title : TRACE VOA SFAM1.0

Signal : TIC: VU063184.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         | 1.460       | 46            | 53          | 77           | rBV      | 22318          | 42330         | 1.42%           | 0.682%        |
| 2         | 1.595       | 87            | 95          | 105          | rVB      | 31027          | 34528         | 1.15%           | 0.556%        |
| 3         | 1.904       | 182           | 191         | 202          | rBV      | 30532          | 38338         | 1.28%           | 0.617%        |
| 4         | 2.557       | 381           | 394         | 406          | rBV      | 52586          | 86321         | 2.89%           | 1.390%        |
| 5         | 4.605       | 1021          | 1031        | 1036         | rBV      | 49815          | 88091         | 2.94%           | 1.418%        |
| 6         | 4.650       | 1037          | 1045        | 1080         | rVB      | 101702         | 245408        | 8.20%           | 3.951%        |
| 7         | 5.049       | 1153          | 1169        | 1189         | rBV      | 54197          | 120285        | 4.02%           | 1.937%        |
| 8         | 5.714       | 1357          | 1376        | 1408         | rBV2     | 108783         | 290083        | 9.70%           | 4.670%        |
| 9         | 6.235       | 1527          | 1538        | 1555         | rBV      | 106258         | 205183        | 6.86%           | 3.303%        |
| 10        | 6.531       | 1617          | 1630        | 1654         | rBV      | 219344         | 416472        | 13.92%          | 6.705%        |
| 11        | 6.679       | 1664          | 1676        | 1700         | rVB      | 68682          | 135343        | 4.52%           | 2.179%        |
| 12        | 7.557       | 1937          | 1949        | 1969         | rBV      | 30413          | 53883         | 1.80%           | 0.868%        |
| 13        | 7.888       | 2040          | 2052        | 2073         | rBV      | 122847         | 216785        | 7.25%           | 3.490%        |
| 14        | 8.540       | 2242          | 2255        | 2271         | rBV      | 1781546        | 2991361       | 100.00%         | 48.162%       |
| 15        | 8.621       | 2271          | 2280        | 2323         | rVB      | 161667         | 317223        | 10.60%          | 5.107%        |
| 16        | 9.409       | 2513          | 2525        | 2550         | rBV      | 152070         | 280978        | 9.39%           | 4.524%        |
| 17        | 10.743      | 2930          | 2940        | 2961         | rBV      | 52708          | 85004         | 2.84%           | 1.369%        |
| 18        | 11.283      | 3096          | 3108        | 3127         | rVB      | 32755          | 51094         | 1.71%           | 0.823%        |
| 19        | 11.460      | 3151          | 3163        | 3177         | rBV      | 29565          | 45452         | 1.52%           | 0.732%        |
| 20        | 11.801      | 3258          | 3269        | 3287         | rBV      | 131061         | 225460        | 7.54%           | 3.630%        |
| 21        | 11.884      | 3287          | 3295        | 3308         | rVB      | 21093          | 32531         | 1.09%           | 0.524%        |
| 22        | 12.183      | 3376          | 3388        | 3408         | rBV2     | 112746         | 208941        | 6.98%           | 3.364%        |

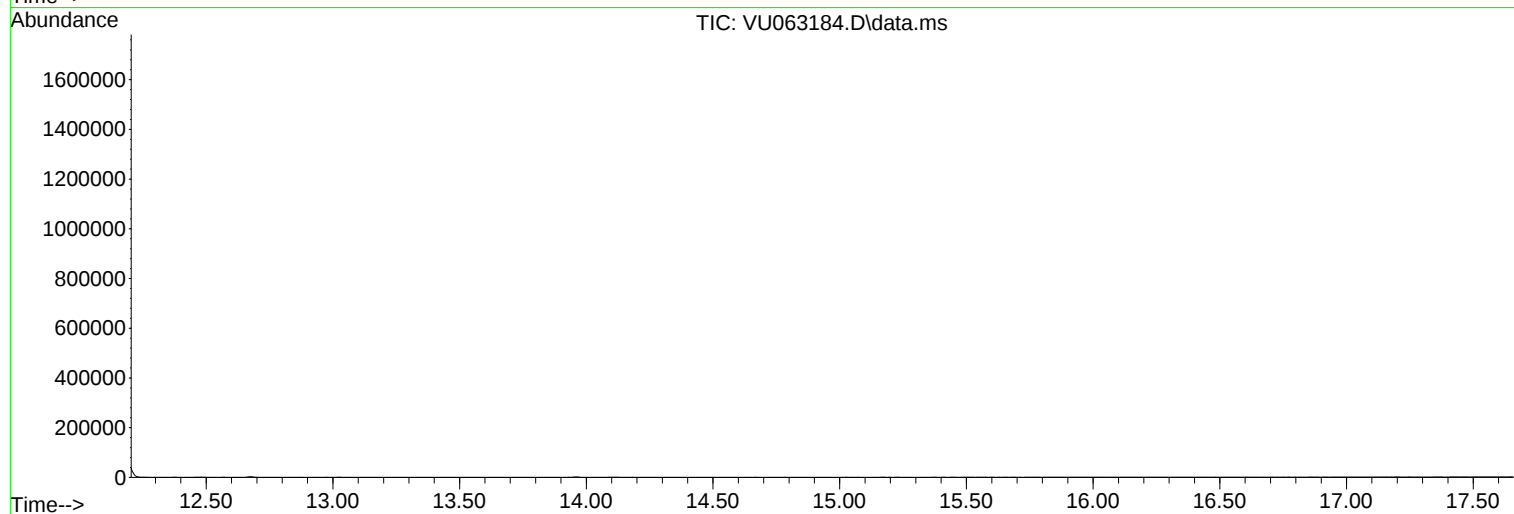
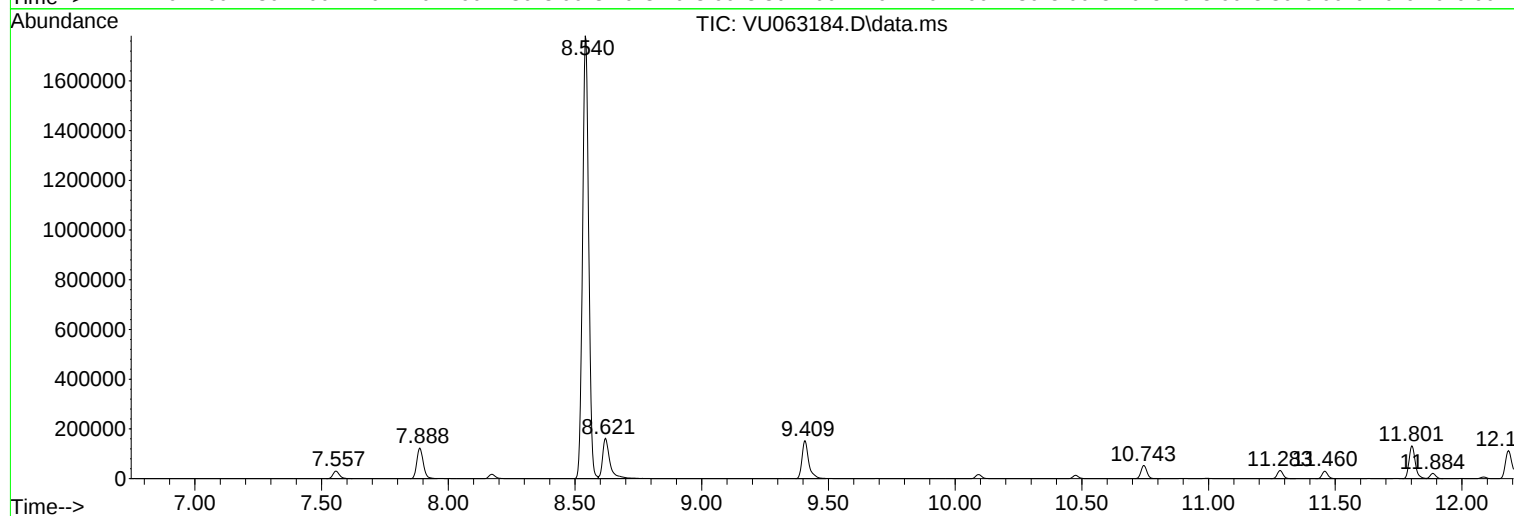
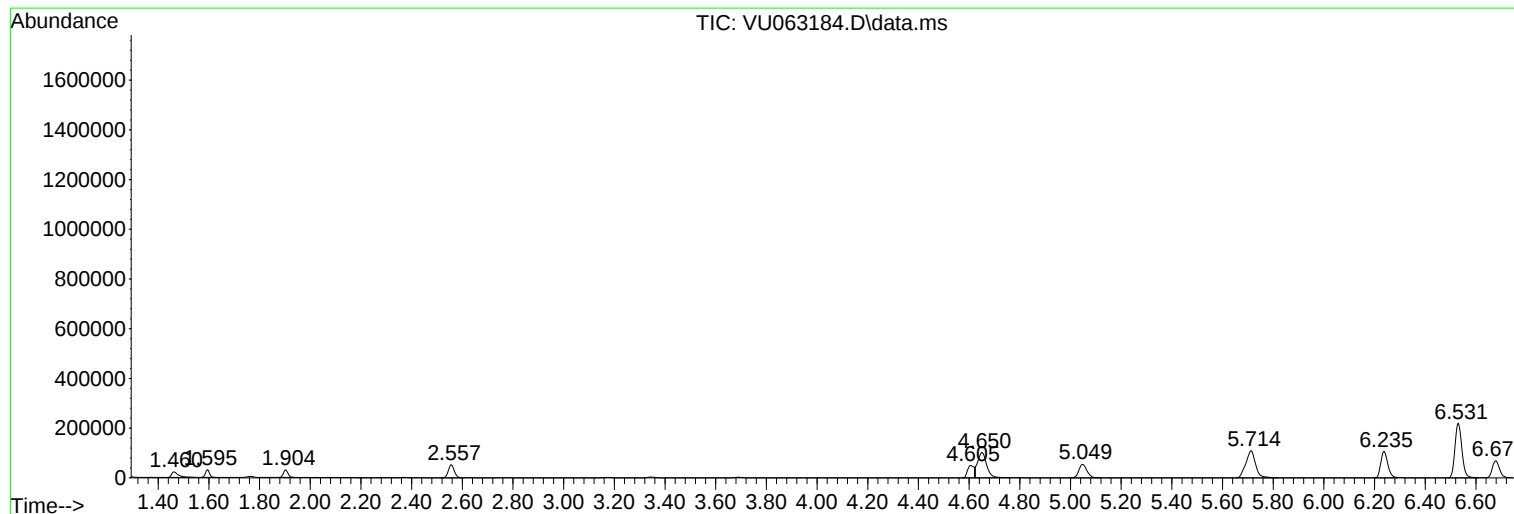
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ALS Vial : 44 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
DCZN9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR020425WMA.M  
Quant Title : TRACE VOA SFAM1.0

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



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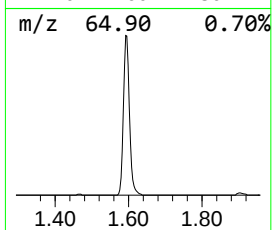
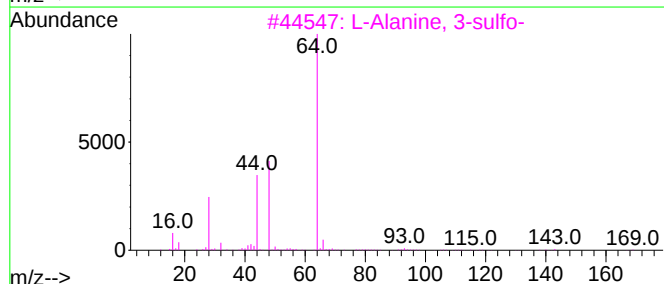
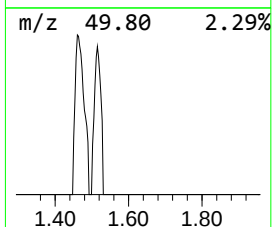
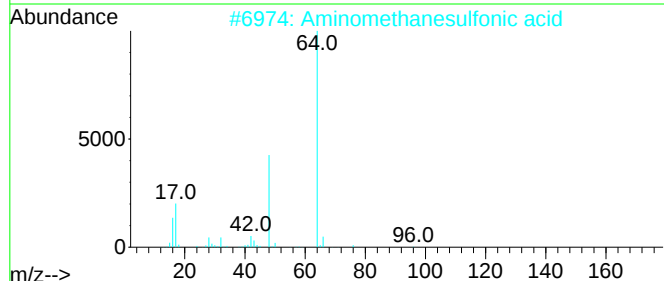
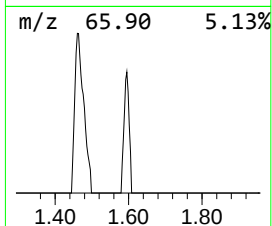
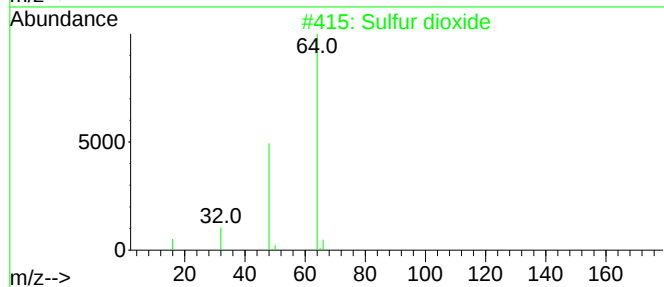
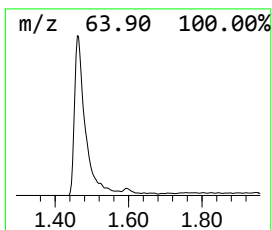
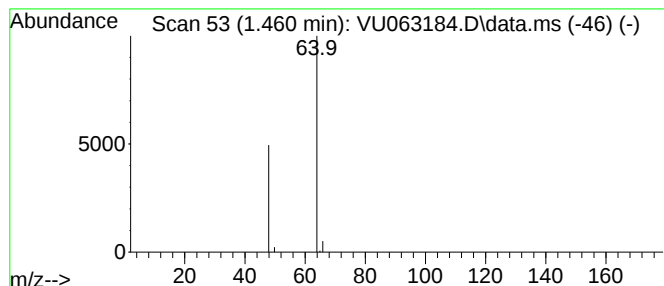
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Sulfur dioxide Concentration Rank 3

| R.T.  | EstConc   | Area  | Relative to ISTD    | R.T.  |
|-------|-----------|-------|---------------------|-------|
| 1.460 | 1.03 ug/L | 42330 | 1,4-Difluorobenzene | 6.238 |

| Hit# | of | 5 | Tentative ID              | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------------|-----|----------|-------------|------|
| 1    |    |   | Sulfur dioxide            | 64  | O2S      | 007446-09-5 | 90   |
| 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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MSVOA\_U  
ClientSampleId :  
DCZN9

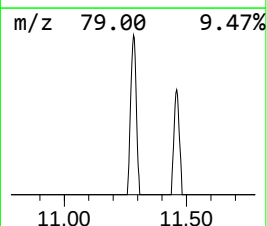
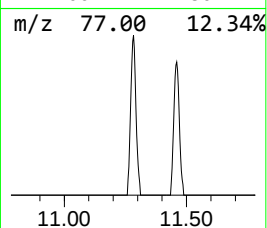
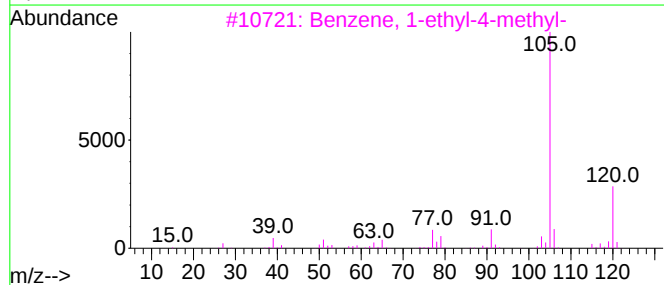
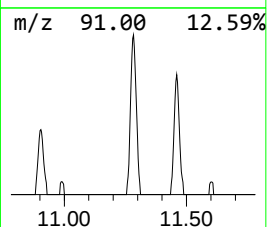
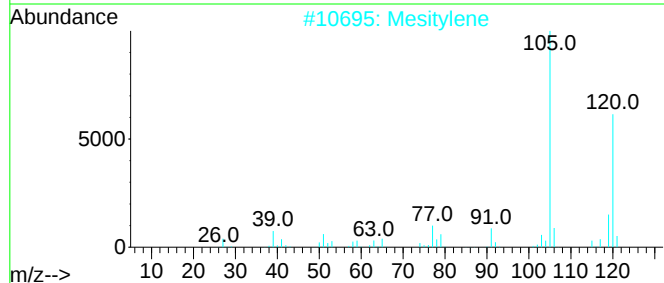
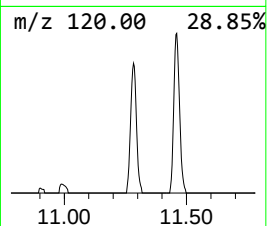
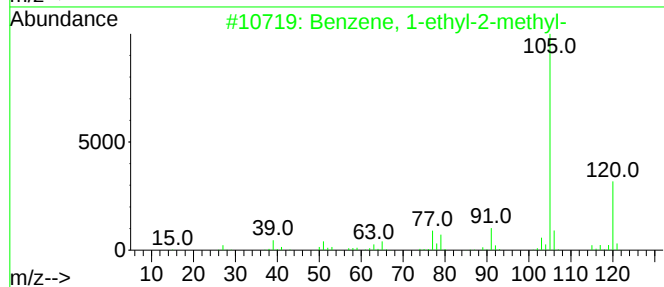
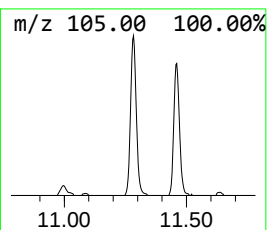
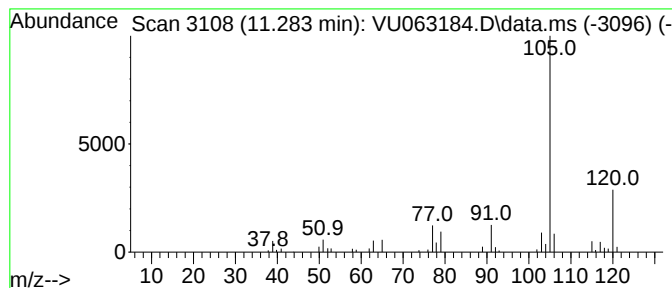
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR020425WMA.M  
Quant Title : TRACE VOA SFAM1.0

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

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Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 2

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 11.283 | 1.13 ug/L | 51094 | 1,4-Dichlorobenzene-d4 | 11.804 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1-ethyl-2-methyl- | 120 | C9H12   | 000611-14-3 | 91   |
| 2    |    |   | Mesitylene                 | 120 | C9H12   | 000108-67-8 | 91   |
| 3    |    |   | Benzene, 1-ethyl-4-methyl- | 120 | C9H12   | 000622-96-8 | 91   |
| 4    |    |   | Benzene, 1-ethyl-3-methyl- | 120 | C9H12   | 000620-14-4 | 91   |
| 5    |    |   | Benzene, 1-ethyl-2-methyl- | 120 | C9H12   | 000611-14-3 | 91   |



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MSVOA\_U  
ClientSampleId :  
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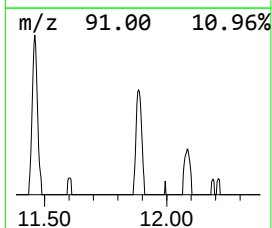
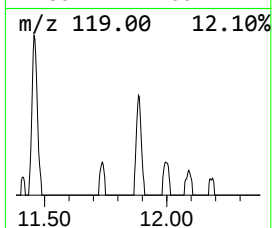
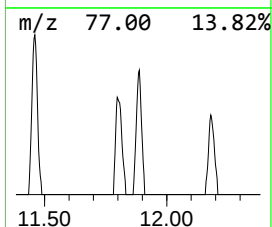
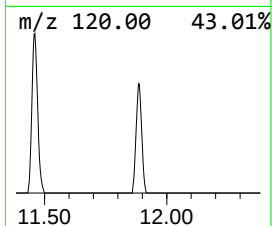
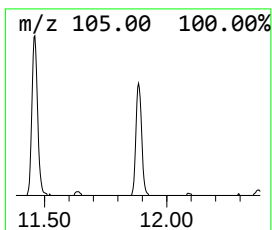
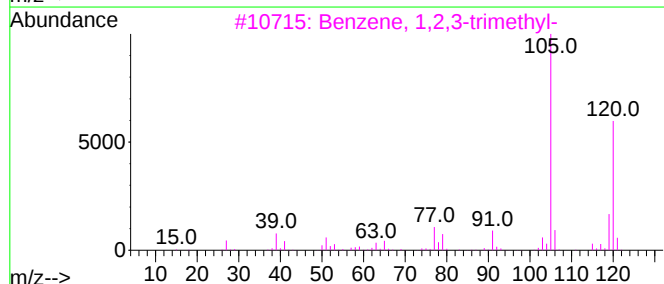
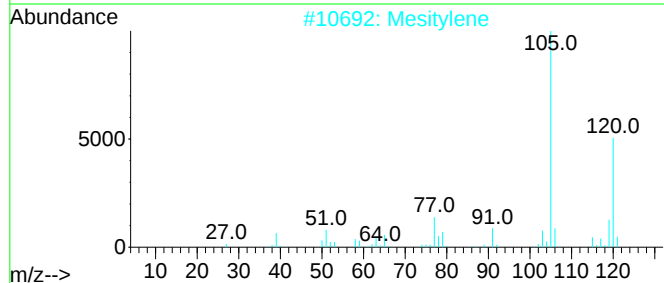
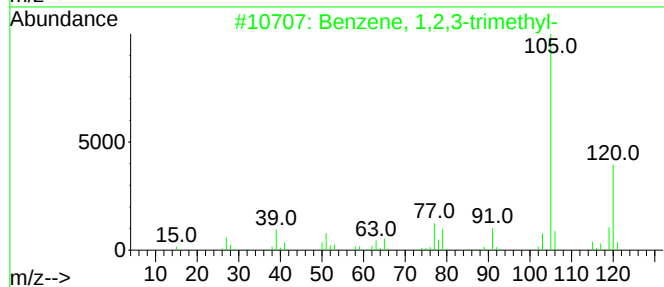
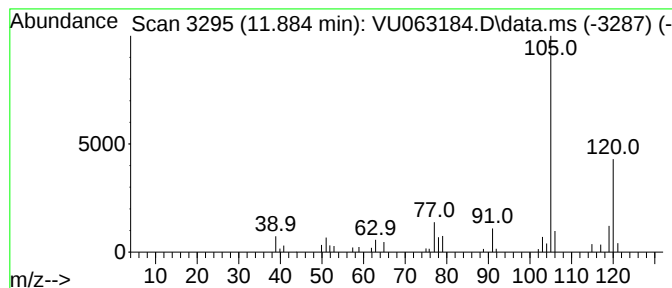
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR020425WMA.M  
Quant Title : TRACE VOA SFAM1.0

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

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Peak Number 4 Benzene, 1,2,3-trimethyl- Concentration Rank 4

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 11.884 | 0.72 ug/L | 32531 | 1,4-Dichlorobenzene-d4 | 11.804 |

| Hit# | of | 5 | Tentative ID              | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1,2,3-trimethyl- | 120 | C9H12   | 000526-73-8 | 97   |
| 2    |    |   | Mesitylene                | 120 | C9H12   | 000108-67-8 | 97   |
| 3    |    |   | Benzene, 1,2,3-trimethyl- | 120 | C9H12   | 000526-73-8 | 95   |
| 4    |    |   | Mesitylene                | 120 | C9H12   | 000108-67-8 | 95   |
| 5    |    |   | Benzene, 1,2,4-trimethyl- | 120 | C9H12   | 000095-63-6 | 94   |



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ALS Vial : 44 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
DCZN9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR020425WMA.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     | 1.460  | 1.0     | ug/L  | 42330    | 1                     | 6.238  | 205183 | 5.0  |
| Benzene, 1-ethy... | 11.283 | 1.1     | ug/L  | 51094    | 3                     | 11.804 | 225460 | 5.0  |
| Benzene, 1,2,3-... | 11.884 | 0.7     | ug/L  | 32531    | 3                     | 11.804 | 225460 | 5.0  |