

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV092822\  
 Data File : VV028166.D  
 Acq On : 28 Sep 2022 18:04  
 Operator : SY/MD  
 Sample : N4871-09  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 F5H60

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\SFAMVTR092222WMA.M  
 Title : TRACE VOA SFAM1.0

Signal : TIC: VV028166.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         | 1.105       | 15            | 20          | 27           | rVB2     | 40215          | 34345         | 4.34%           | 0.662%        |
| 2         | 1.211       | 50            | 53          | 73           | rVB2     | 16191          | 23689         | 3.00%           | 0.457%        |
| 3         | 1.301       | 73            | 81          | 91           | rVB2     | 95752          | 104463        | 13.21%          | 2.015%        |
| 4         | 1.388       | 92            | 108         | 127          | rBV      | 214735         | 790583        | 100.00%         | 15.248%       |
| 5         | 1.561       | 158           | 162         | 177          | rVB      | 76317          | 93162         | 11.78%          | 1.797%        |
| 6         | 2.101       | 322           | 330         | 347          | rVB      | 144332         | 240286        | 30.39%          | 4.634%        |
| 7         | 2.198       | 353           | 360         | 376          | rVB2     | 17840          | 30939         | 3.91%           | 0.597%        |
| 8         | 2.288       | 380           | 388         | 397          | rVB      | 6368           | 9406          | 1.19%           | 0.181%        |
| 9         | 3.172       | 652           | 663         | 677          | rBV3     | 5676           | 12131         | 1.53%           | 0.234%        |
| 10        | 3.892       | 876           | 887         | 922          | rBV2     | 66552          | 238624        | 30.18%          | 4.602%        |
| 11        | 4.343       | 1008          | 1027        | 1058         | rBV2     | 95585          | 240893        | 30.47%          | 4.646%        |
| 12        | 5.040       | 1228          | 1244        | 1278         | rBV2     | 186364         | 482442        | 61.02%          | 9.305%        |
| 13        | 5.613       | 1411          | 1422        | 1450         | rBV      | 147796         | 306508        | 38.77%          | 5.912%        |
| 14        | 6.066       | 1549          | 1563        | 1582         | rBV      | 107554         | 226155        | 28.61%          | 4.362%        |
| 15        | 6.982       | 1833          | 1848        | 1878         | rBV2     | 46802          | 93281         | 11.80%          | 1.799%        |
| 16        | 7.313       | 1937          | 1951        | 1972         | rBV      | 184634         | 338169        | 42.77%          | 6.522%        |
| 17        | 7.622       | 2037          | 2047        | 2073         | rBV3     | 28958          | 55035         | 6.96%           | 1.061%        |
| 18        | 7.937       | 2133          | 2145        | 2153         | rBV2     | 5020           | 8419          | 1.06%           | 0.162%        |
| 19        | 8.085       | 2178          | 2191        | 2217         | rBV      | 278216         | 508069        | 64.27%          | 9.799%        |
| 20        | 8.847       | 2417          | 2428        | 2452         | rBV      | 253178         | 405161        | 51.25%          | 7.814%        |
| 21        | 10.214      | 2842          | 2853        | 2872         | rBV      | 110837         | 173705        | 21.97%          | 3.350%        |
| 22        | 10.378      | 2891          | 2904        | 2913         | rBV2     | 12022          | 19092         | 2.41%           | 0.368%        |
| 23        | 11.246      | 3163          | 3174        | 3198         | rBV      | 240758         | 373606        | 47.26%          | 7.206%        |
| 24        | 11.622      | 3279          | 3291        | 3313         | rBV      | 221297         | 350200        | 44.30%          | 6.754%        |
| 25        | 16.303      | 4738          | 4747        | 4759         | rBV2     | 10567          | 15587         | 1.97%           | 0.301%        |
| 26        | 16.702      | 4863          | 4871        | 4879         | rBV2     | 7774           | 10872         | 1.38%           | 0.210%        |

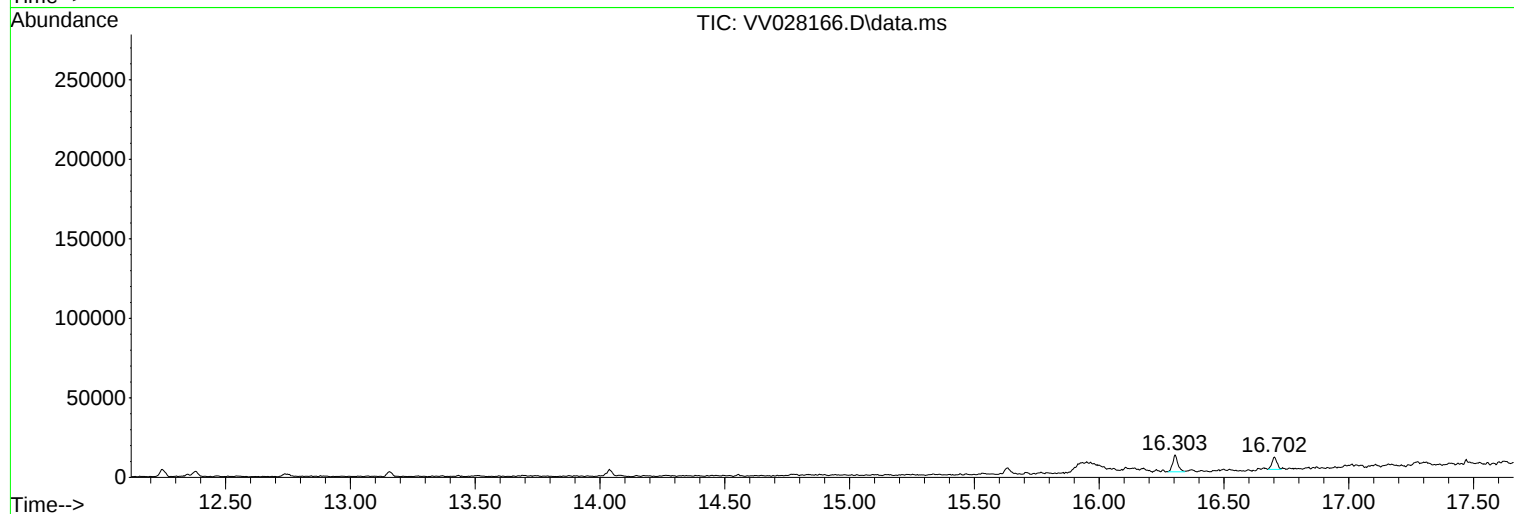
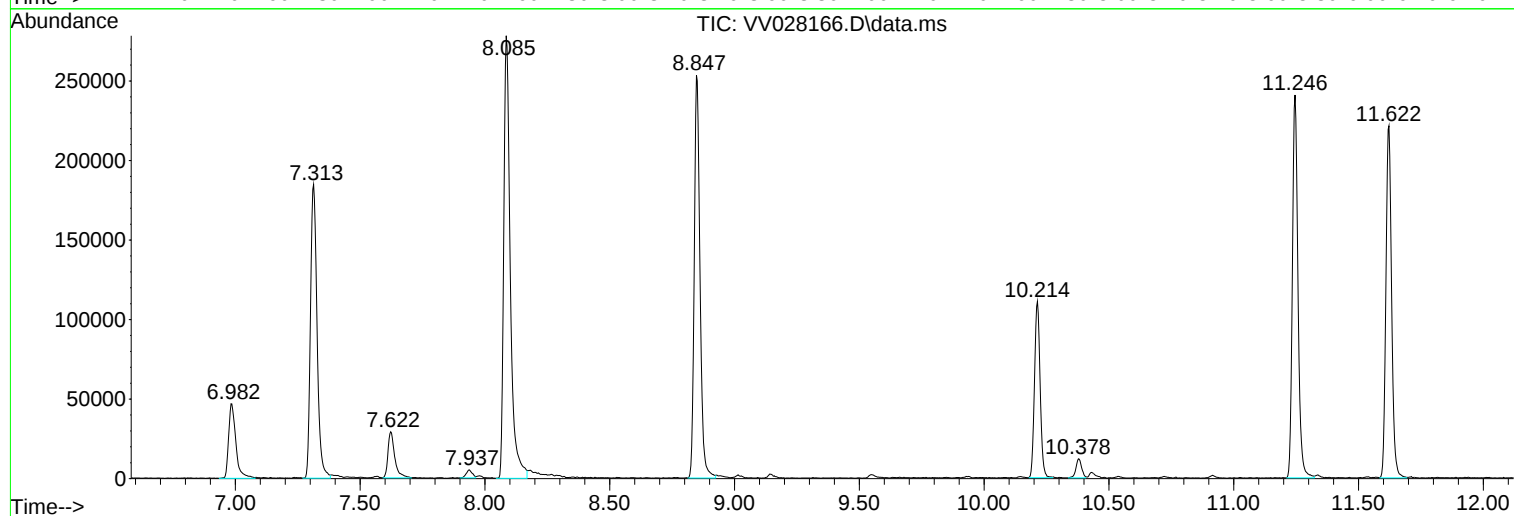
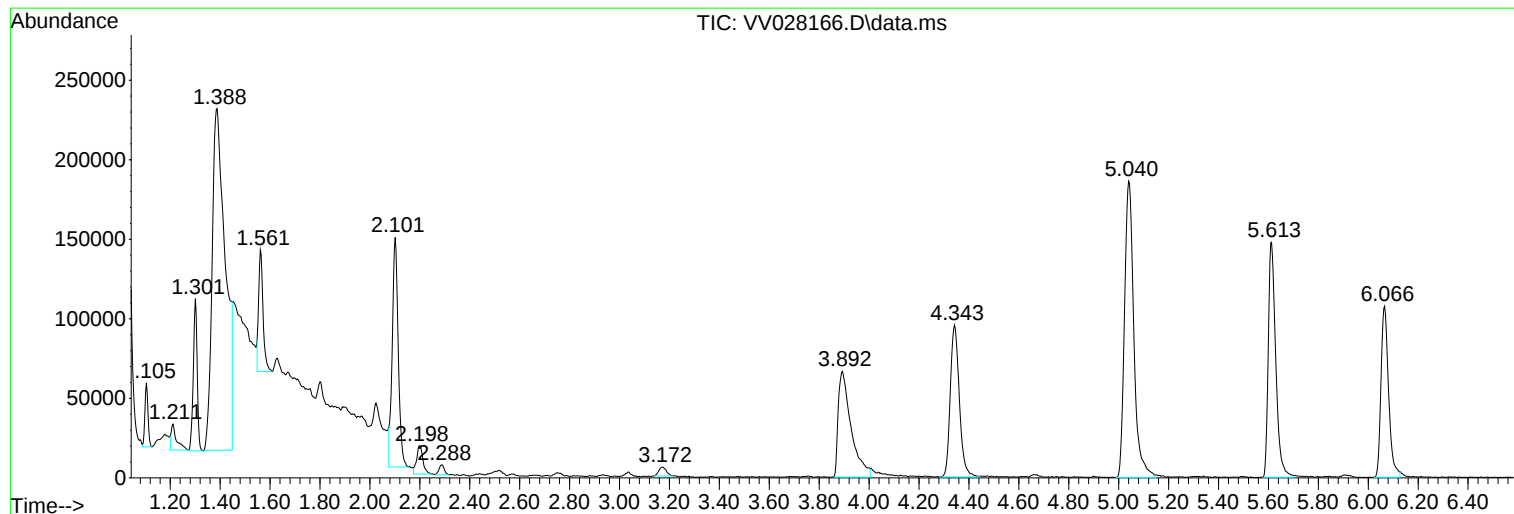
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ALS Vial : 19 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
F5H60

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR092222WMA.M  
Quant Title : TRACE VOA SFAM1.0

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



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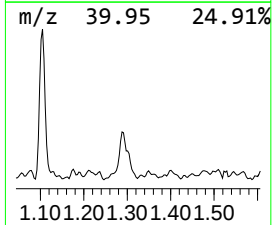
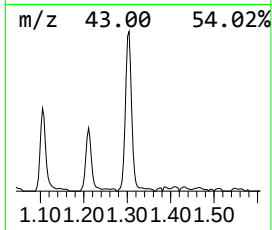
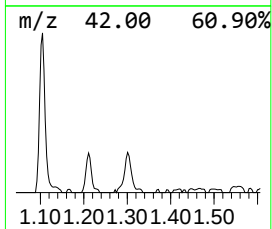
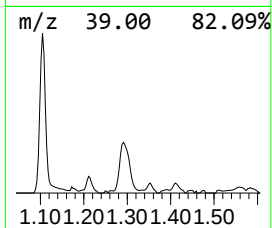
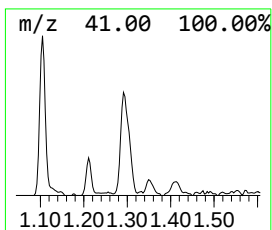
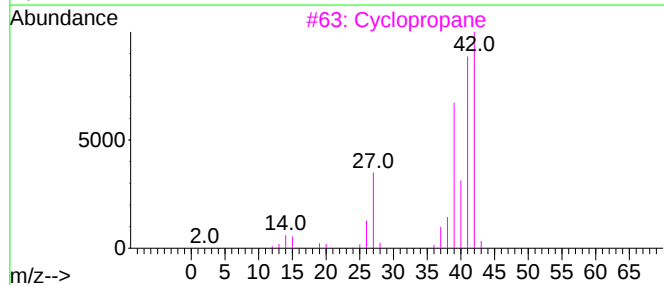
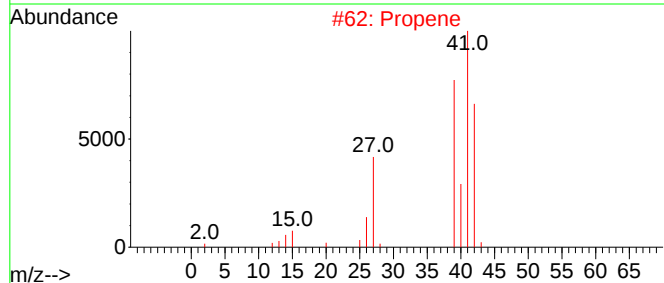
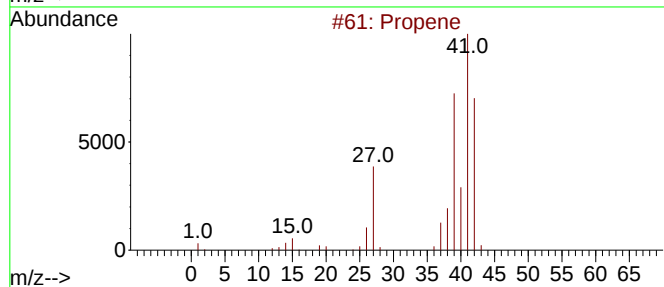
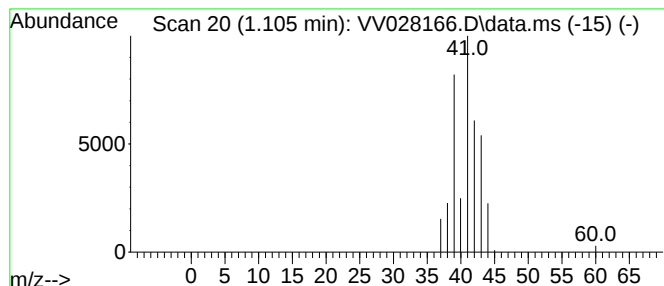
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR092222WMA.M  
Quant Title : TRACE VOA SFAM1.0

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

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Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 3

| R.T.  | EstConc   | Area  | Relative to ISTD    | R.T.  |
|-------|-----------|-------|---------------------|-------|
| 1.105 | 0.56 ug/L | 34345 | 1,4-Difluorobenzene | 5.613 |

| Hit# | of | 5 | Tentative ID           | MW | MolForm | CAS#        | Qual |
|------|----|---|------------------------|----|---------|-------------|------|
| 1    |    |   | Propene                | 42 | C3H6    | 000115-07-1 | 90   |
| 2    |    |   | Propene                | 42 | C3H6    | 000115-07-1 | 42   |
| 3    |    |   | Cyclopropane           | 42 | C3H6    | 000075-19-4 | 9    |
| 4    |    |   | 2-Oxetanone, 4-methyl- | 86 | C4H6O2  | 003068-88-0 | 9    |
| 5    |    |   | Cyclopropane           | 42 | C3H6    | 000075-19-4 | 9    |



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MSVOA\_V  
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F5H60

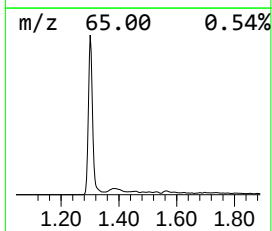
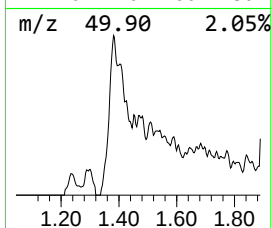
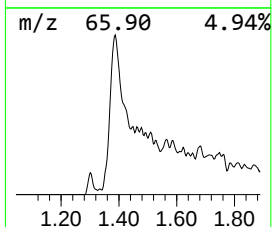
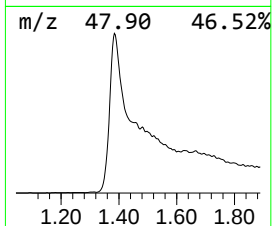
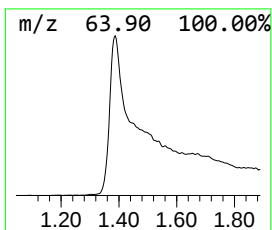
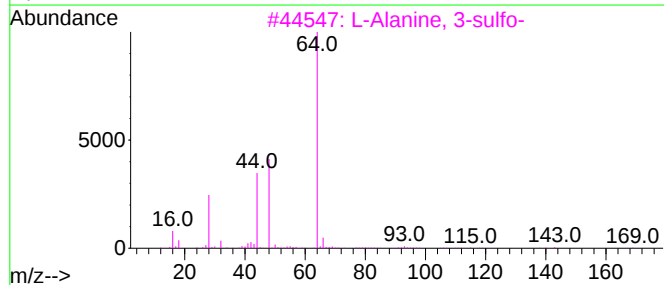
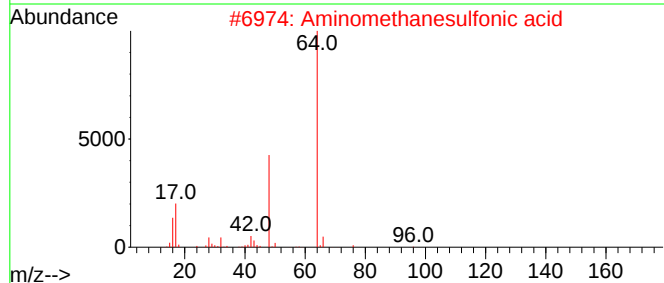
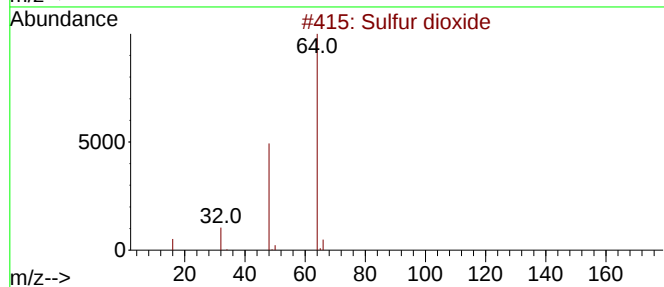
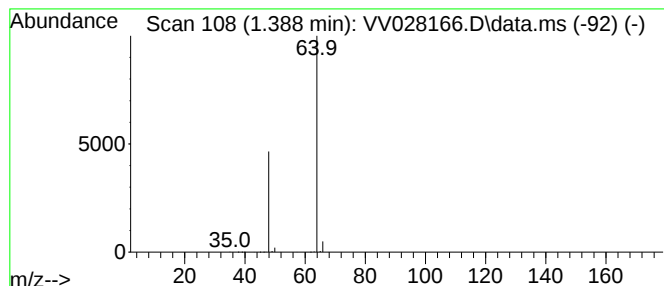
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR092222WMA.M  
Quant Title : TRACE VOA SFAM1.0

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

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Peak Number 2 Sulfur dioxide Concentration Rank 1

| R.T.  | EstConc    | Area   | Relative to ISTD    | R.T.  |
|-------|------------|--------|---------------------|-------|
| 1.388 | 12.90 ug/L | 790583 | 1,4-Difluorobenzene | 5.613 |

| 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    |    |   | Sulfur dioxide            | 64  | O2S      | 007446-09-5 | 4    |
| 5    |    |   | Ethene, 1,1-difluoro-     | 64  | C2H2F2   | 000075-38-7 | 4    |



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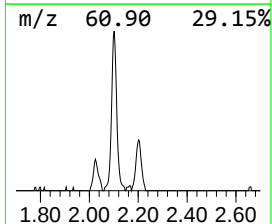
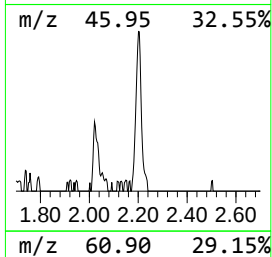
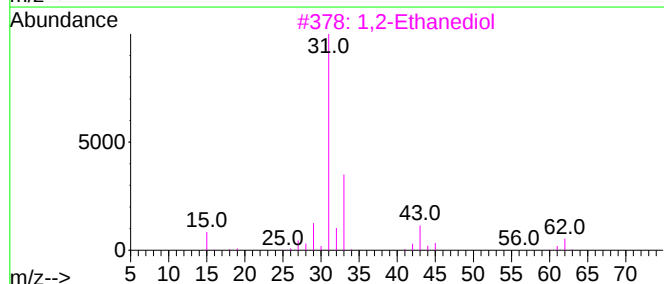
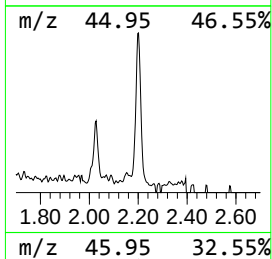
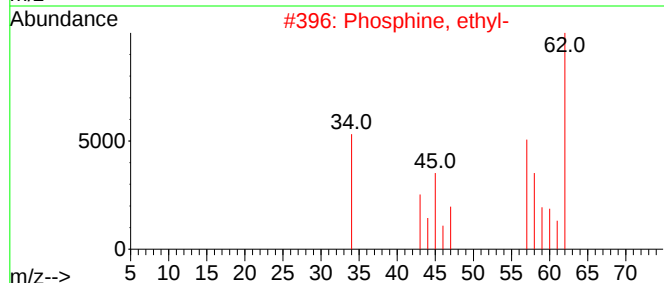
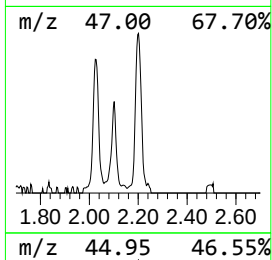
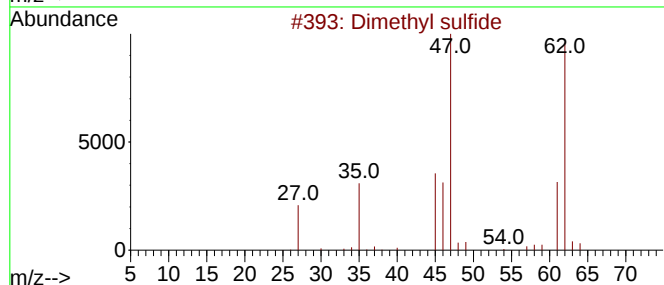
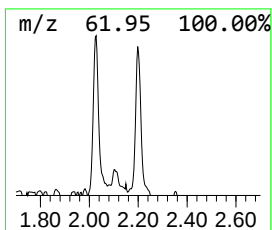
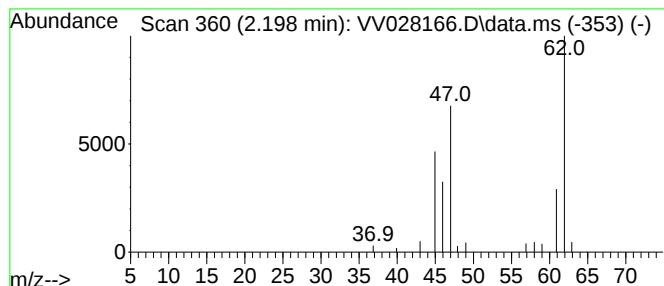
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR092222WMA.M  
Quant Title : TRACE VOA SFAM1.0

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

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Peak Number 3 Dimethyl sulfide Concentration Rank 4

| R.T.  | EstConc   | Area  | Relative to ISTD    | R.T.  |
|-------|-----------|-------|---------------------|-------|
| 2.198 | 0.50 ug/L | 30939 | 1,4-Difluorobenzene | 5.613 |

| Hit# | of | 5 | Tentative ID       | MW | MolForm | CAS#        | Qual |
|------|----|---|--------------------|----|---------|-------------|------|
| 1    |    |   | Dimethyl sulfide   | 62 | C2H6S   | 000075-18-3 | 90   |
| 2    |    |   | Phosphine, ethyl-  | 62 | C2H7P   | 000593-68-0 | 5    |
| 3    |    |   | 1,2-Ethanediol     | 62 | C2H6O2  | 000107-21-1 | 4    |
| 4    |    |   | Peroxide, dimethyl | 62 | C2H6O2  | 000690-02-8 | 4    |
| 5    |    |   | Methanethiol       | 48 | CH4S    | 000074-93-1 | 4    |



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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 |
| (DEL) Alkane: S... | 1.105 | 0.6     | ug/L  | 34345    | 1                     | 5.613 | 306508 | 5.0  |
| Sulfur dioxide     | 1.388 | 12.9    | ug/L  | 790583   | 1                     | 5.613 | 306508 | 5.0  |
| Dimethyl sulfide   | 2.198 | 0.5     | ug/L  | 30939    | 1                     | 5.613 | 306508 | 5.0  |