

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV022024\  
 Data File : VV034301.D  
 Acq On : 21 Feb 2024 04:19  
 Operator : SY/MD  
 Sample : P1511-10  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 48 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 DCND9

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: VV034301.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         | 1.089       | 10            | 15          | 26           | rVB3     | 2912           | 3904          | 1.61%           | 0.161%        |
| 2         | 1.179       | 33            | 43          | 66           | rBV      | 60597          | 111725        | 46.08%          | 4.618%        |
| 3         | 1.285       | 68            | 76          | 94           | rBV2     | 76122          | 170251        | 70.22%          | 7.037%        |
| 4         | 1.536       | 148           | 154         | 168          | rVB      | 34483          | 43659         | 18.01%          | 1.805%        |
| 5         | 2.060       | 308           | 317         | 334          | rVB      | 67245          | 106517        | 43.93%          | 4.403%        |
| 6         | 2.246       | 365           | 375         | 384          | rBV3     | 2330           | 4388          | 1.81%           | 0.181%        |
| 7         | 2.703       | 505           | 517         | 542          | rBV2     | 14337          | 30598         | 12.62%          | 1.265%        |
| 8         | 3.815       | 853           | 863         | 902          | rBV2     | 24124          | 84887         | 35.01%          | 3.509%        |
| 9         | 4.249       | 983           | 998         | 1023         | rBV3     | 42686          | 109618        | 45.21%          | 4.531%        |
| 10        | 4.957       | 1203          | 1218        | 1250         | rBV3     | 95532          | 242449        | 100.00%         | 10.022%       |
| 11        | 5.204       | 1282          | 1295        | 1314         | rBV3     | 16469          | 39560         | 16.32%          | 1.635%        |
| 12        | 5.535       | 1388          | 1398        | 1430         | rBV      | 86853          | 182099        | 75.11%          | 7.527%        |
| 13        | 5.989       | 1528          | 1539        | 1563         | rBV      | 52919          | 109707        | 45.25%          | 4.535%        |
| 14        | 6.918       | 1820          | 1828        | 1852         | rBV2     | 19184          | 36983         | 15.25%          | 1.529%        |
| 15        | 7.243       | 1918          | 1929        | 1953         | rBV      | 115459         | 208499        | 86.00%          | 8.618%        |
| 16        | 7.564       | 2019          | 2029        | 2049         | rBV      | 9279           | 18156         | 7.49%           | 0.750%        |
| 17        | 8.031       | 2165          | 2174        | 2218         | rBV      | 85108          | 187510        | 77.34%          | 7.751%        |
| 18        | 8.786       | 2398          | 2409        | 2435         | rBV      | 130156         | 216221        | 89.18%          | 8.937%        |
| 19        | 9.088       | 2494          | 2503        | 2510         | rBV3     | 1844           | 2865          | 1.18%           | 0.118%        |
| 20        | 10.153      | 2821          | 2834        | 2851         | rBB      | 33283          | 52566         | 21.68%          | 2.173%        |
| 21        | 11.185      | 3145          | 3155        | 3174         | rBV      | 133898         | 208176        | 85.86%          | 8.605%        |
| 22        | 11.561      | 3260          | 3272        | 3290         | rBV      | 106502         | 172019        | 70.95%          | 7.110%        |
| 23        | 13.445      | 3849          | 3858        | 3870         | rBV      | 4433           | 6607          | 2.73%           | 0.273%        |
| 24        | 15.709      | 4553          | 4562        | 4573         | rBV      | 49063          | 70316         | 29.00%          | 2.906%        |

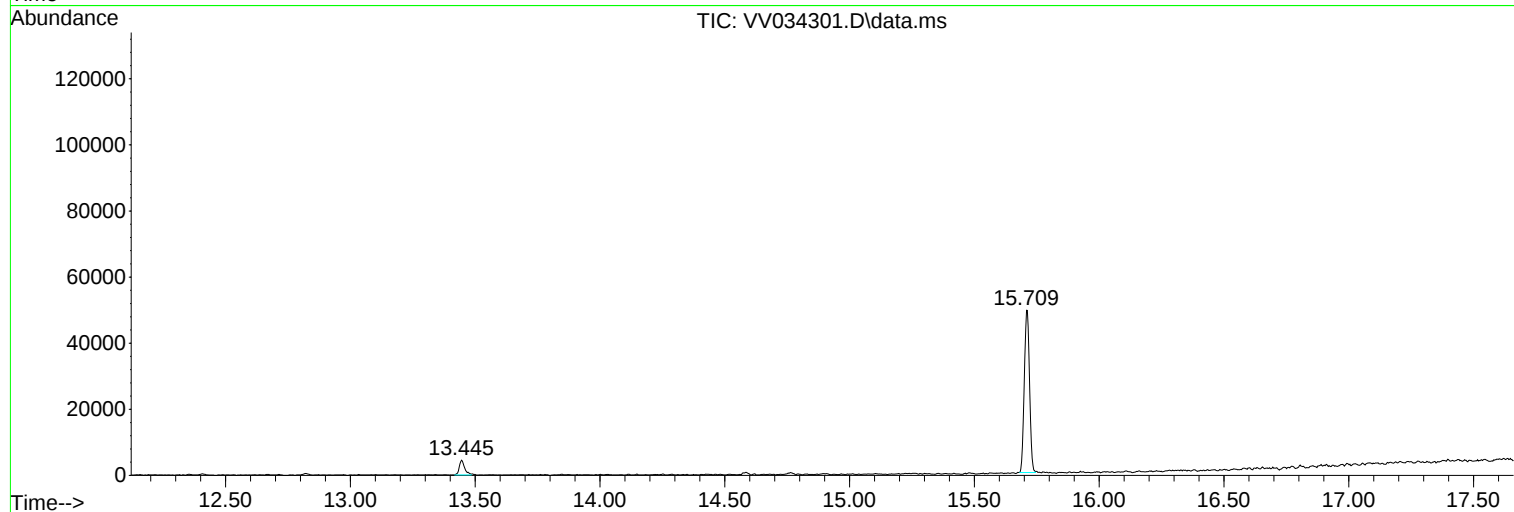
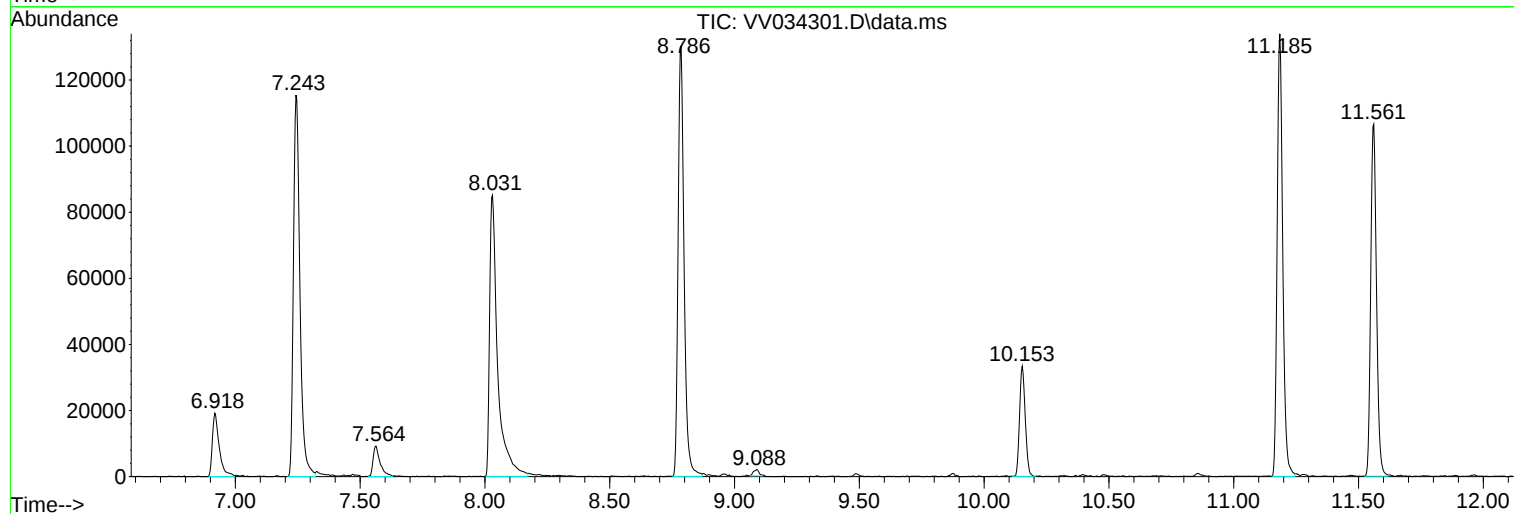
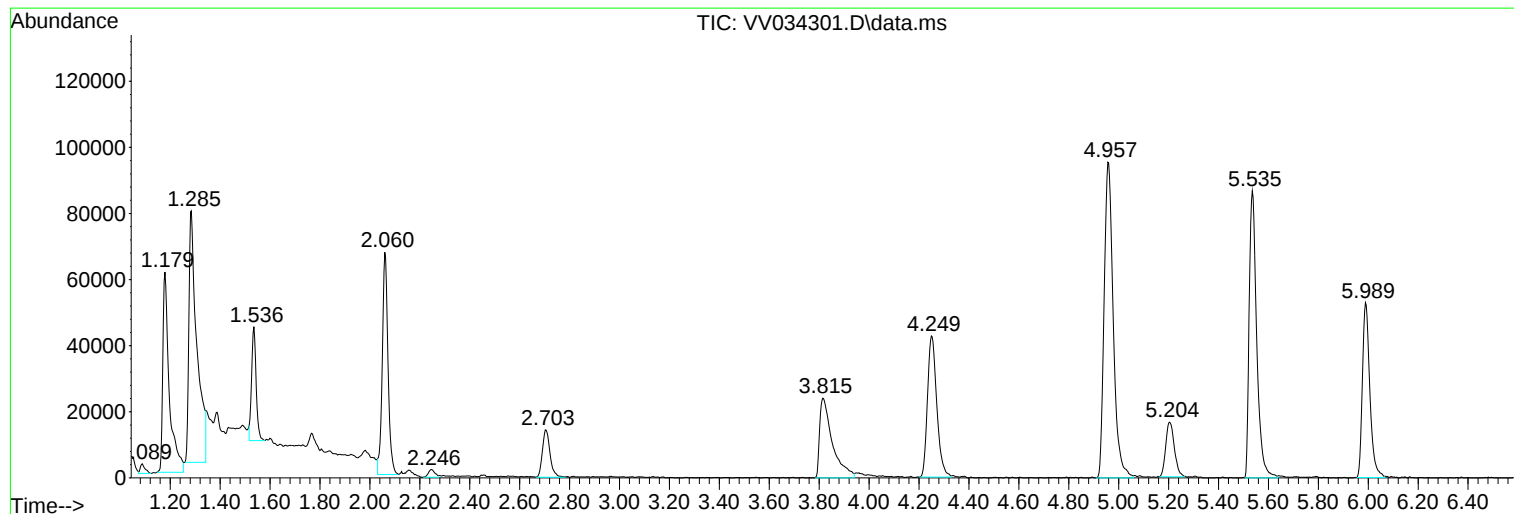
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MSVOA\_V  
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DCND9

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



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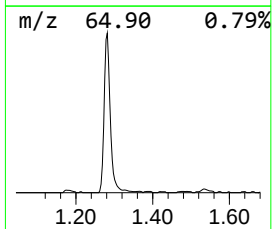
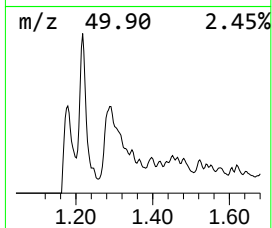
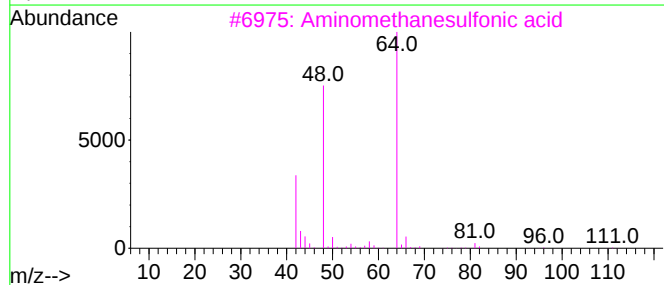
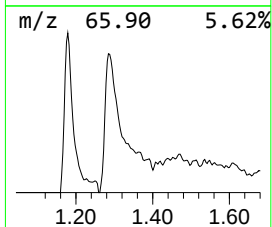
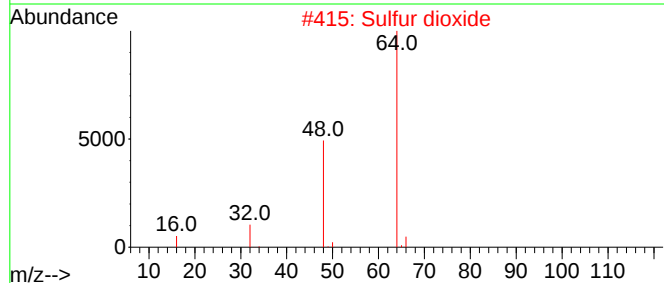
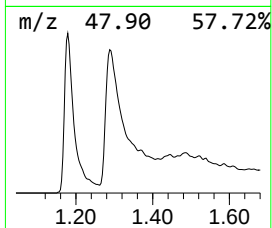
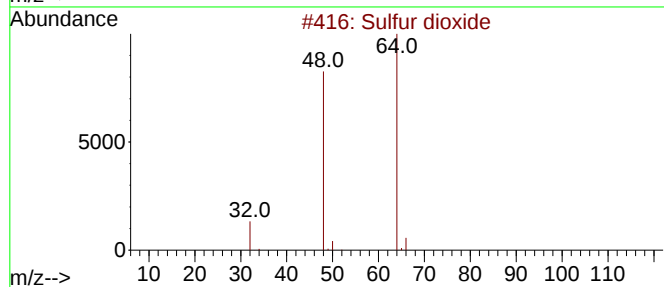
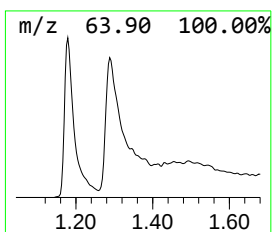
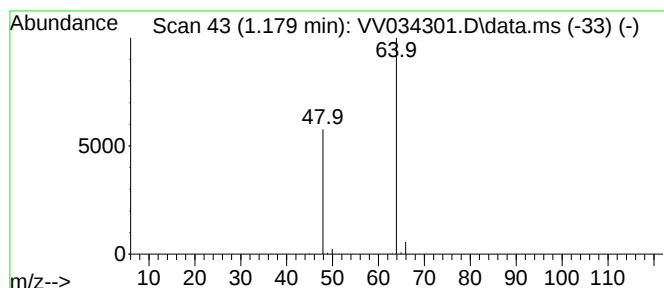
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR012524WMA.M  
Quant Title : TRACE VOA SFAM1.0

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

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Peak Number 1 Sulfur dioxide Concentration Rank 1

| R.T.  | EstConc   | Area   | Relative to ISTD    | R.T.  |
|-------|-----------|--------|---------------------|-------|
| 1.179 | 3.07 ug/L | 111725 | 1,4-Difluorobenzene | 5.535 |

| Hit# | of | 5 | Tentative ID              | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------------|-----|----------|-------------|------|
| 1    |    |   | Sulfur dioxide            | 64  | O2S      | 007446-09-5 | 83   |
| 2    |    |   | Sulfur dioxide            | 64  | O2S      | 007446-09-5 | 83   |
| 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    |



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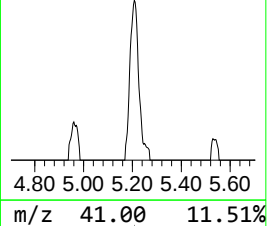
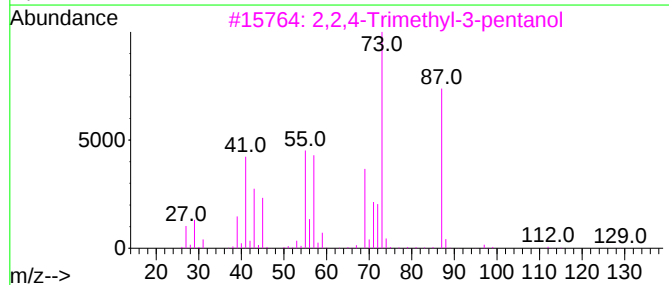
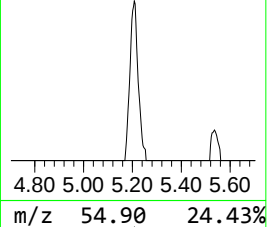
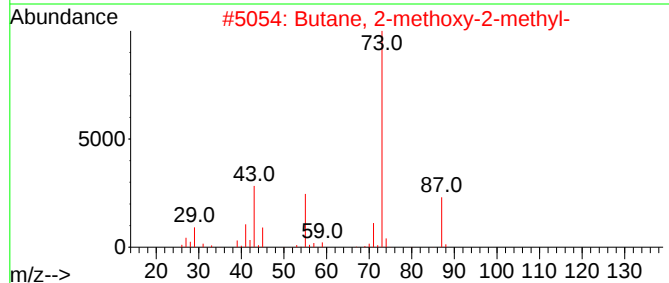
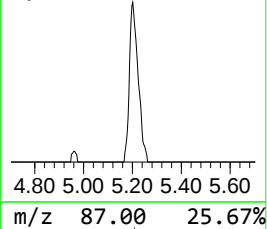
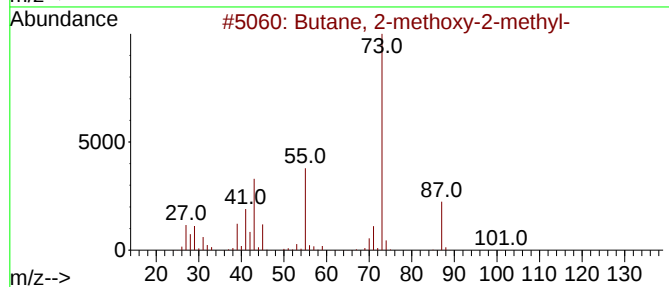
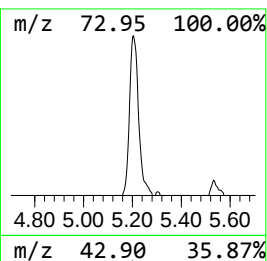
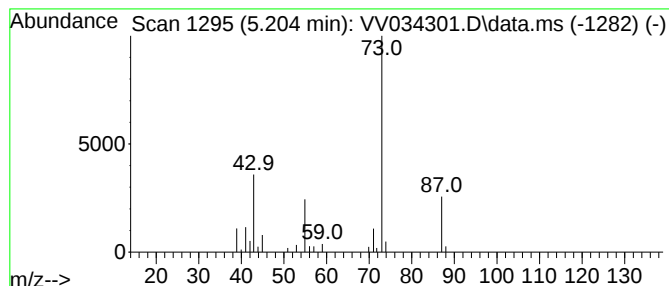
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Quant Title : TRACE VOA SFAM1.0

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

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

| R.T.  | EstConc   | Area  | Relative to ISTD    | R.T.  |
|-------|-----------|-------|---------------------|-------|
| 5.204 | 1.09 ug/L | 39560 | 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 | 78   |
| 2    |    |   | Butane, 2-methoxy-2-methyl-      | 102 | C6H14O   | 000994-05-8 | 78   |
| 3    |    |   | 2,2,4-Trimethyl-3-pentanol       | 130 | C8H18O   | 005162-48-1 | 40   |
| 4    |    |   | Silane, ethyltrimethyl-          | 102 | C5H14Si  | 003439-38-1 | 33   |
| 5    |    |   | Octanal, 7-methoxy-3,7-dimethyl- | 186 | C11H22O2 | 003613-30-7 | 25   |



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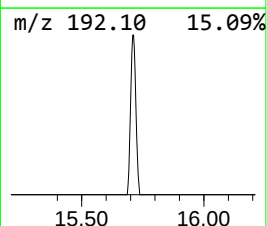
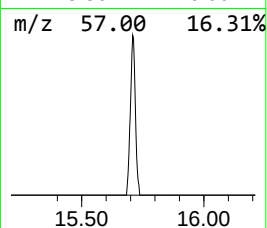
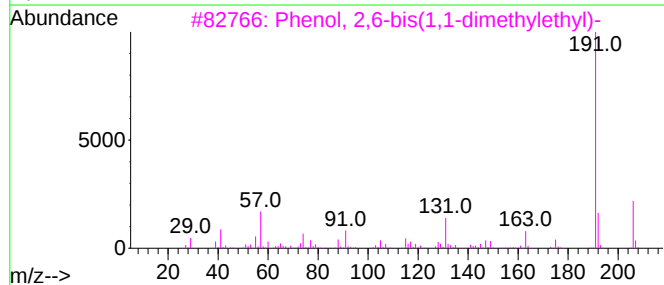
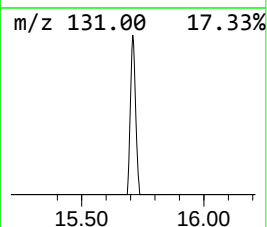
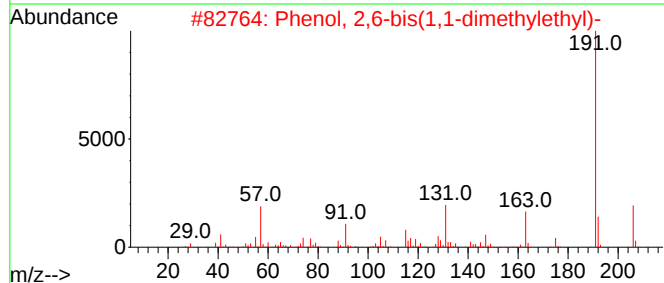
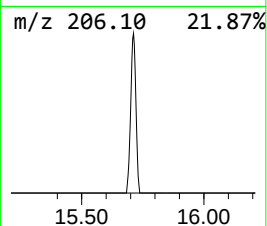
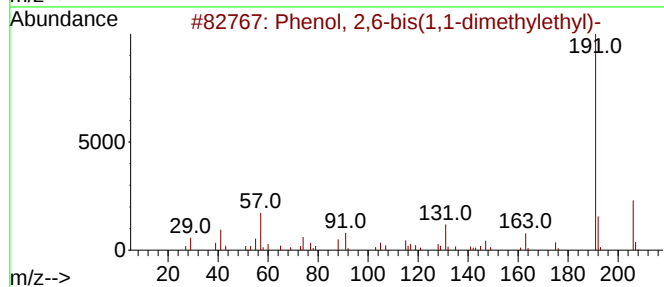
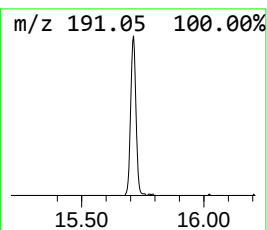
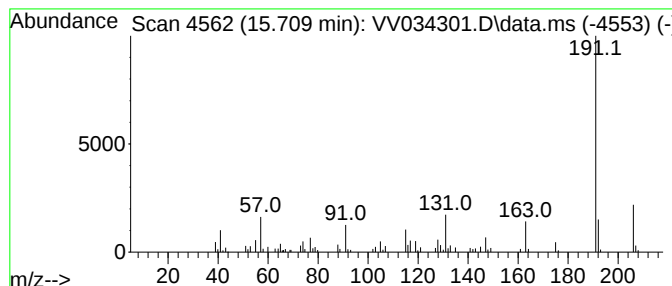
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TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 4 Phenol, 2,6-bis(1,1-dimethy... Concentration Rank 2

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 15.709 | 1.69 ug/L | 70316 | 1,4-Dichlorobenzene-d4 | 11.185 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Phenol, 2,6-bis(1,1-dimethylethyl)- | 206 | C14H22O | 000128-39-2 | 96   |
| 2    |    |   | Phenol, 2,6-bis(1,1-dimethylethyl)- | 206 | C14H22O | 000128-39-2 | 96   |
| 3    |    |   | Phenol, 2,6-bis(1,1-dimethylethyl)- | 206 | C14H22O | 000128-39-2 | 93   |
| 4    |    |   | Phenol, 2,6-bis(1,1-dimethylethyl)- | 206 | C14H22O | 000128-39-2 | 93   |
| 5    |    |   | Phenol, 2,6-bis(1,1-dimethylethyl)- | 206 | C14H22O | 000128-39-2 | 93   |



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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     | 1.179  | 3.1     | ug/L  | 111725   | 1                     | 5.535  | 182099 | 5.0  |
| Butane, 2-metho... | 5.204  | 1.1     | ug/L  | 39560    | 1                     | 5.535  | 182099 | 5.0  |
| Phenol, 2,6-bis... | 15.709 | 1.7     | ug/L  | 70316    | 3                     | 11.185 | 208176 | 5.0  |