

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV110824\  
 Data File : VV037978.D  
 Acq On : 08 Nov 2024 14:59  
 Operator : SY/MD  
 Sample : P4749-21  
 Misc : 25mL/MSVOA\_V/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 GCP94

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\SFAMVTR110624WMA.M  
 Title : TRACE VOA SFAM1.0

Signal : TIC: VV037978.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         | 1.269       | 63            | 71          | 87           | rBV2     | 178885         | 285303        | 30.46%          | 3.341%        |
| 2         | 1.529       | 145           | 152         | 167          | rBV      | 107697         | 129888        | 13.87%          | 1.521%        |
| 3         | 2.053       | 305           | 315         | 331          | rVB      | 231050         | 333553        | 35.61%          | 3.905%        |
| 4         | 2.147       | 334           | 344         | 345          | rBV      | 11243          | 15213         | 1.62%           | 0.178%        |
| 5         | 2.442       | 427           | 436         | 451          | rVB6     | 5595           | 10116         | 1.08%           | 0.118%        |
| 6         | 2.680       | 476           | 510         | 512          | rBV2     | 18880          | 72466         | 7.74%           | 0.848%        |
| 7         | 3.828       | 857           | 867         | 913          | rBV2     | 61815          | 313288        | 33.45%          | 3.668%        |
| 8         | 4.246       | 979           | 997         | 1029         | rBV      | 148188         | 423138        | 45.17%          | 4.954%        |
| 9         | 4.950       | 1199          | 1216        | 1262         | rBV2     | 341788         | 906252        | 96.75%          | 10.611%       |
| 10        | 5.529       | 1383          | 1396        | 1430         | rBV      | 262649         | 594479        | 63.47%          | 6.961%        |
| 11        | 5.986       | 1523          | 1538        | 1571         | rBV      | 191374         | 439410        | 46.91%          | 5.145%        |
| 12        | 6.500       | 1682          | 1698        | 1721         | rBV2     | 115140         | 272381        | 29.08%          | 3.189%        |
| 13        | 6.915       | 1815          | 1827        | 1853         | rBV2     | 73691          | 165930        | 17.71%          | 1.943%        |
| 14        | 7.240       | 1917          | 1928        | 1944         | rBV      | 376005         | 705849        | 75.36%          | 8.265%        |
| 15        | 7.317       | 1944          | 1952        | 1970         | rVB      | 77459          | 162507        | 17.35%          | 1.903%        |
| 16        | 7.558       | 2015          | 2027        | 2053         | rBV      | 43262          | 99154         | 10.59%          | 1.161%        |
| 17        | 7.867       | 2109          | 2123        | 2137         | rBV6     | 14127          | 35142         | 3.75%           | 0.411%        |
| 18        | 8.027       | 2159          | 2173        | 2222         | rBV      | 373452         | 936689        | 100.00%         | 10.967%       |
| 19        | 8.574       | 2332          | 2343        | 2356         | rBV2     | 16694          | 29521         | 3.15%           | 0.346%        |
| 20        | 8.780       | 2396          | 2407        | 2435         | rBV      | 460068         | 817904        | 87.32%          | 9.577%        |
| 21        | 9.236       | 2537          | 2549        | 2552         | rBV4     | 15979          | 28334         | 3.02%           | 0.332%        |
| 22        | 10.146      | 2821          | 2832        | 2854         | rBV      | 170940         | 290190        | 30.98%          | 3.398%        |
| 23        | 11.182      | 3140          | 3154        | 3176         | rBV      | 432744         | 742753        | 79.30%          | 8.697%        |
| 24        | 11.554      | 3260          | 3270        | 3298         | rVB      | 391173         | 665504        | 71.05%          | 7.792%        |
| 25        | 11.982      | 3394          | 3403        | 3421         | rBV8     | 21596          | 65652         | 7.01%           | 0.769%        |

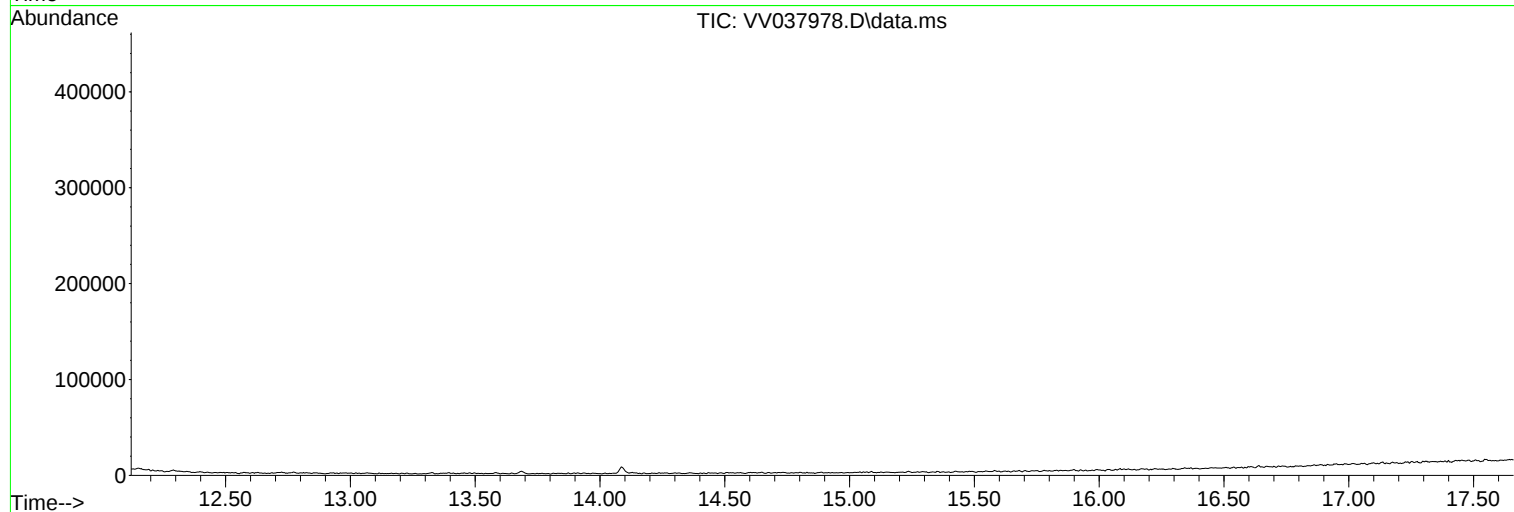
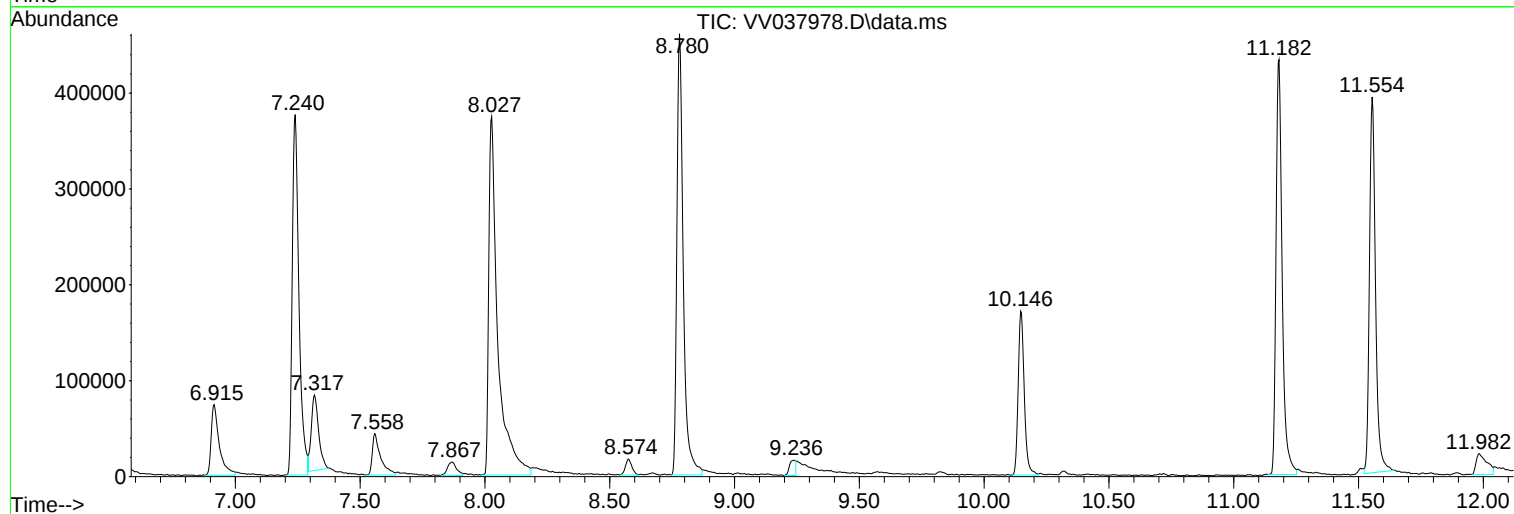
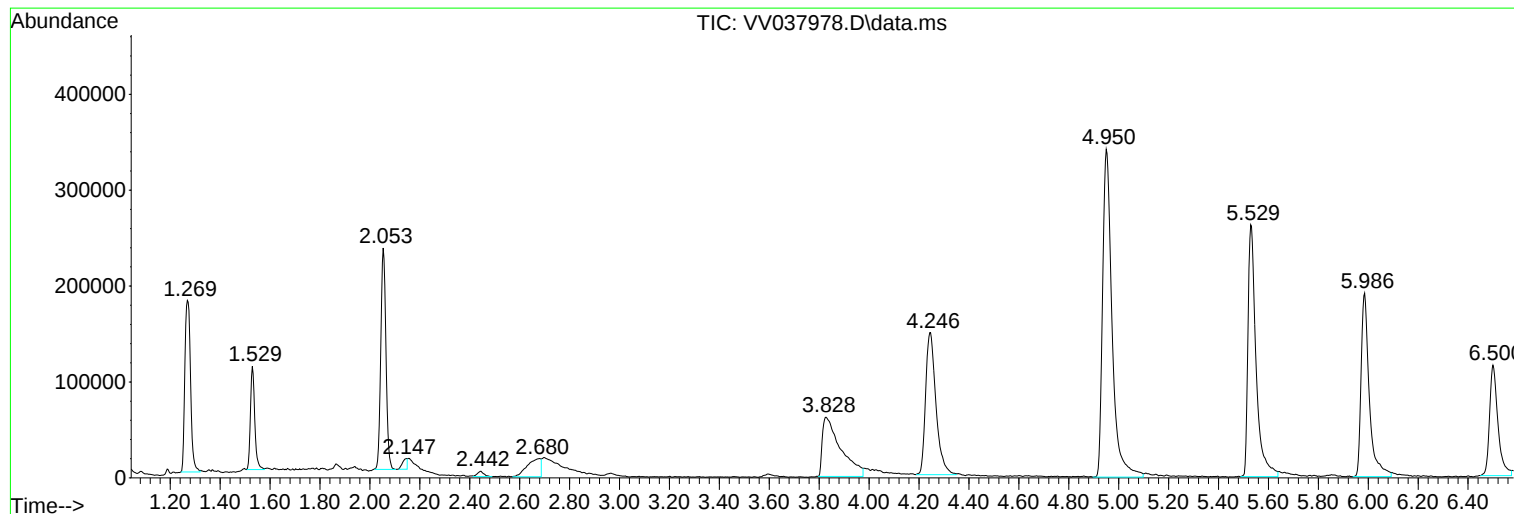
Sum of corrected areas: 8540616

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR110624WMA.M  
Quant Title : TRACE VOA SFAM1.0

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



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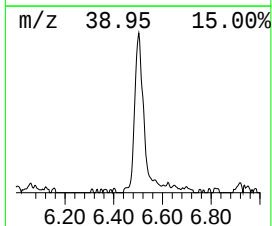
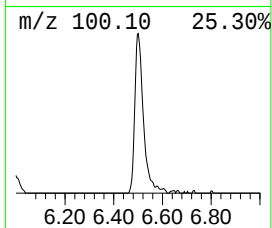
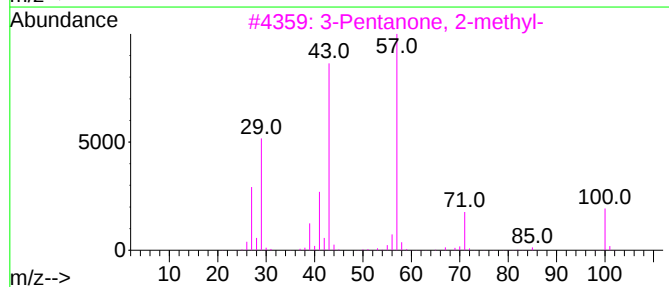
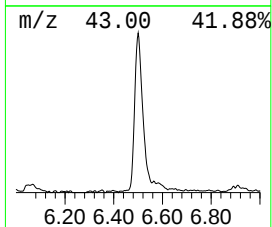
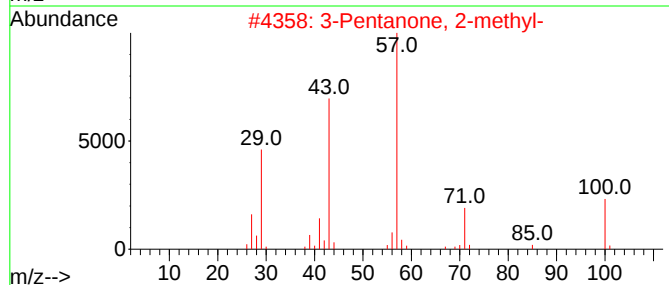
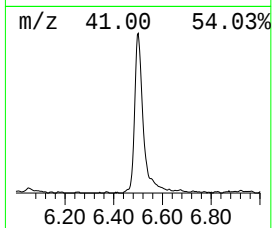
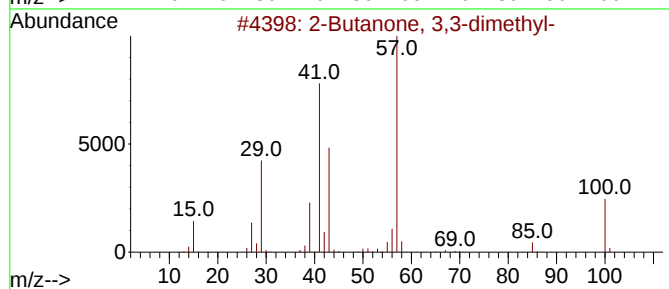
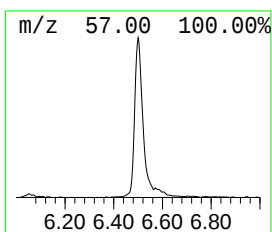
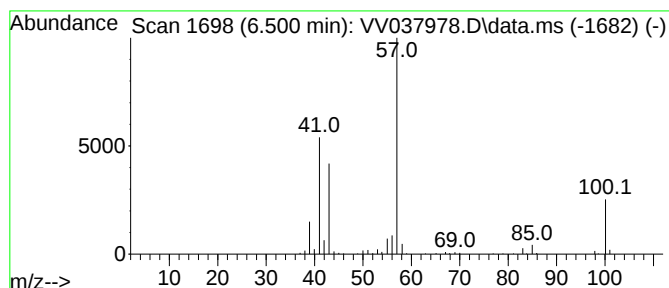
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR110624WMA.M  
Quant Title : TRACE VOA SFAM1.0

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

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Peak Number 2 2-Butanone, 3,3-dimethyl- Concentration Rank 1

| R.T.  | EstConc   | Area   | Relative to ISTD    | R.T.  |
|-------|-----------|--------|---------------------|-------|
| 6.500 | 2.29 ug/L | 272381 | 1,4-Difluorobenzene | 5.532 |

| Hit# | of                        | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|---------------------------|---|--------------|-----|---------|-------------|------|
| 1    | 2-Butanone, 3,3-dimethyl- |   |              | 100 | C6H12O  | 000075-97-8 | 87   |
| 2    | 3-Pentanone, 2-methyl-    |   |              | 100 | C6H12O  | 000565-69-5 | 64   |
| 3    | 3-Pentanone, 2-methyl-    |   |              | 100 | C6H12O  | 000565-69-5 | 64   |
| 4    | 2-Butanone, 3,3-dimethyl- |   |              | 100 | C6H12O  | 000075-97-8 | 59   |
| 5    | 3-Hexanone                |   |              | 100 | C6H12O  | 000589-38-8 | 50   |



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| TIC Top Hit name   | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|--------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                    |       |         |       |          | #                     | RT    | Resp   | Conc |
| 2-Butanone, 3,3... | 6.500 | 2.3     | ug/L  | 272381   | 1                     | 5.532 | 594479 | 5.0  |