

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV031523\  
 Data File : VV030207.D  
 Acq On : 15 Mar 2023 13:24  
 Operator : SY/MD  
 Sample : 01884-09  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 CB918

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\SFAMVTR022323WMA.M  
 Title : TRACE VOA SFAM1.0

Signal : TIC: VV030207.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         | 1.220       | 50            | 56          | 66           | rBV      | 8072           | 9511          | 2.31%           | 0.245%        |
| 2         | 1.282       | 67            | 75          | 88           | rVB      | 68537          | 74756         | 18.13%          | 1.922%        |
| 3         | 1.539       | 147           | 155         | 168          | rVB      | 62091          | 72629         | 17.62%          | 1.867%        |
| 4         | 2.066       | 302           | 319         | 334          | rBV      | 128977         | 189783        | 46.03%          | 4.879%        |
| 5         | 2.523       | 448           | 461         | 481          | rBV2     | 124685         | 223858        | 54.30%          | 5.755%        |
| 6         | 3.834       | 852           | 869         | 910          | rBV2     | 26088          | 122321        | 29.67%          | 3.145%        |
| 7         | 4.259       | 984           | 1001        | 1028         | rBV2     | 76622          | 195672        | 47.46%          | 5.030%        |
| 8         | 4.969       | 1206          | 1222        | 1265         | rBV3     | 160305         | 412268        | 100.00%         | 10.598%       |
| 9         | 5.545       | 1387          | 1401        | 1430         | rBV      | 150032         | 314962        | 76.40%          | 8.097%        |
| 10        | 5.998       | 1529          | 1542        | 1572         | rBV      | 94443          | 199372        | 48.36%          | 5.125%        |
| 11        | 6.921       | 1819          | 1829        | 1847         | rBV      | 40747          | 76250         | 18.50%          | 1.960%        |
| 12        | 7.252       | 1920          | 1932        | 1952         | rBV      | 187021         | 335231        | 81.31%          | 8.618%        |
| 13        | 7.564       | 2018          | 2029        | 2049         | rBV2     | 25028          | 44568         | 10.81%          | 1.146%        |
| 14        | 7.886       | 2116          | 2129        | 2140         | rBV2     | 8925           | 16142         | 3.92%           | 0.415%        |
| 15        | 8.037       | 2166          | 2176        | 2212         | rBV      | 153291         | 305782        | 74.17%          | 7.861%        |
| 16        | 8.191       | 2216          | 2224        | 2237         | rVB4     | 3704           | 7268          | 1.76%           | 0.187%        |
| 17        | 8.792       | 2399          | 2411        | 2436         | rBV      | 238863         | 402764        | 97.69%          | 10.354%       |
| 18        | 10.162      | 2826          | 2837        | 2858         | rVB      | 72128          | 115565        | 28.03%          | 2.971%        |
| 19        | 10.333      | 2880          | 2890        | 2903         | rBV2     | 23790          | 38442         | 9.32%           | 0.988%        |
| 20        | 11.194      | 3146          | 3158        | 3180         | rBV      | 247647         | 384218        | 93.20%          | 9.877%        |
| 21        | 11.500      | 3242          | 3253        | 3264         | rBV3     | 8630           | 16034         | 3.89%           | 0.412%        |
| 22        | 11.571      | 3264          | 3275        | 3296         | rVB      | 194311         | 305163        | 74.02%          | 7.845%        |
| 23        | 12.204      | 3462          | 3472        | 3484         | rVB2     | 5894           | 9417          | 2.28%           | 0.242%        |
| 24        | 12.297      | 3492          | 3501        | 3512         | rVB3     | 9892           | 13687         | 3.32%           | 0.352%        |
| 25        | 13.998      | 4019          | 4030        | 4040         | rBV2     | 2621           | 4261          | 1.03%           | 0.110%        |

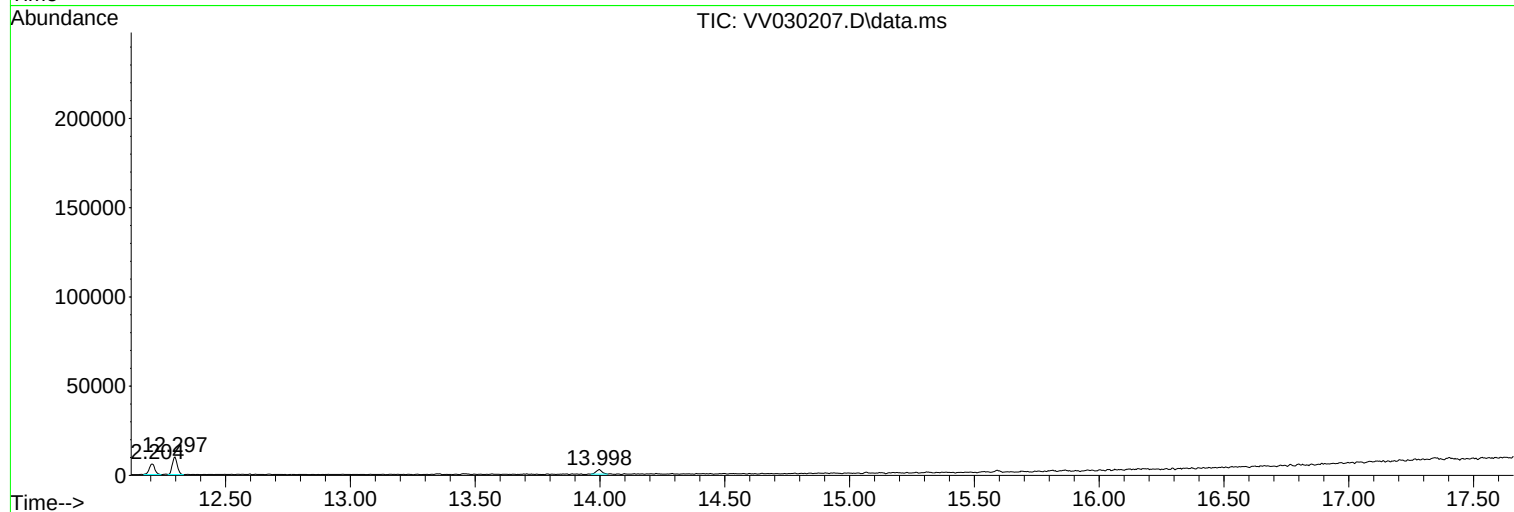
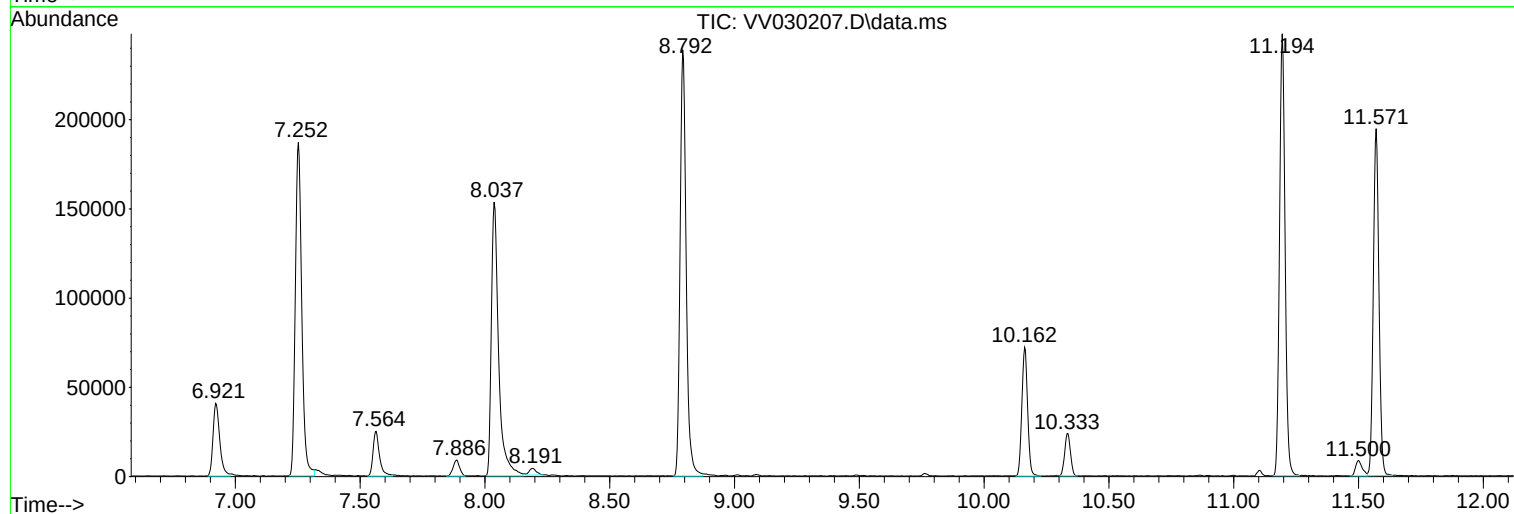
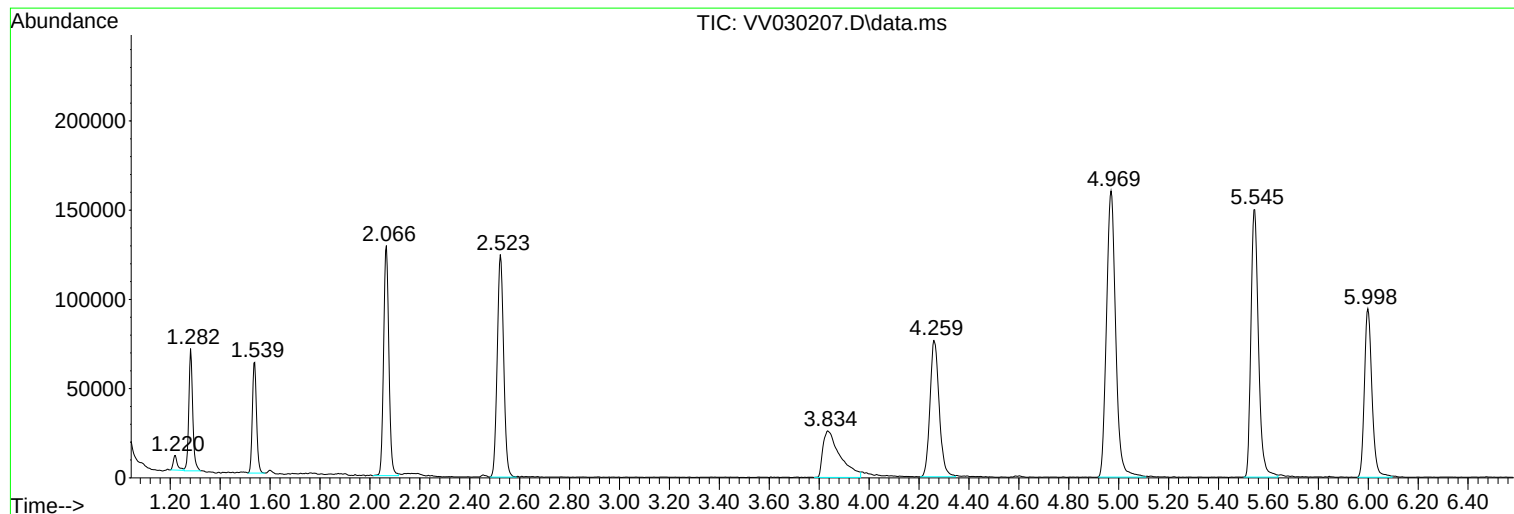
Sum of corrected areas: 3889924

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ClientSampleId :  
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR022323WMA.M  
Quant Title : TRACE VOA SFAM1.0

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



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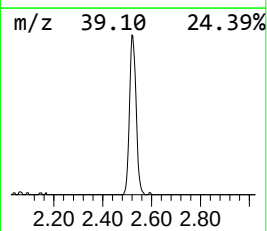
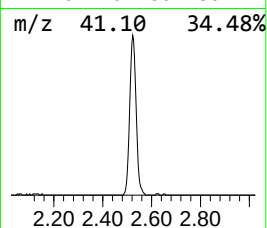
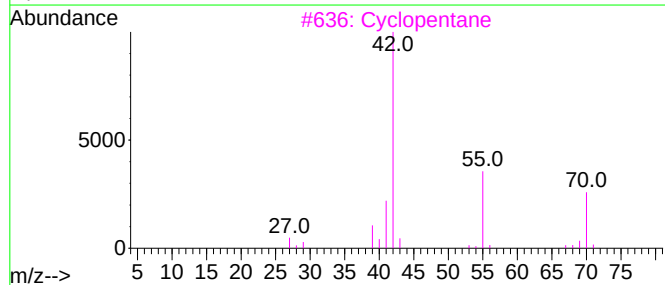
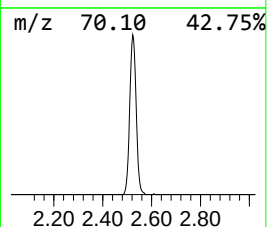
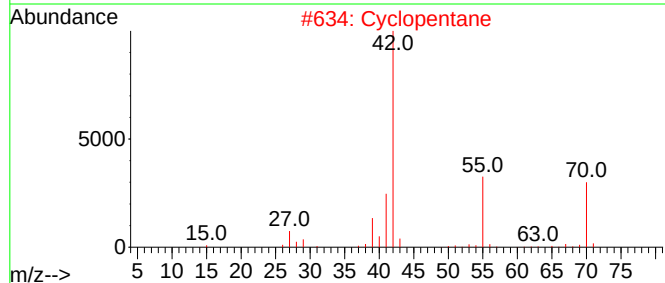
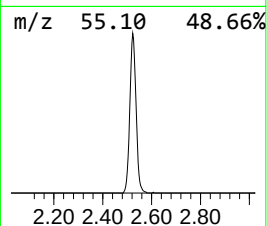
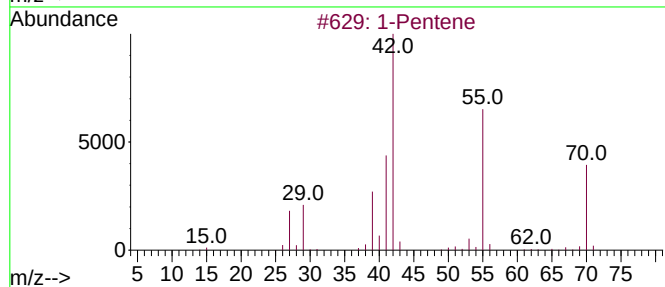
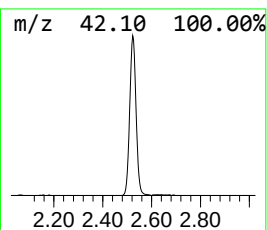
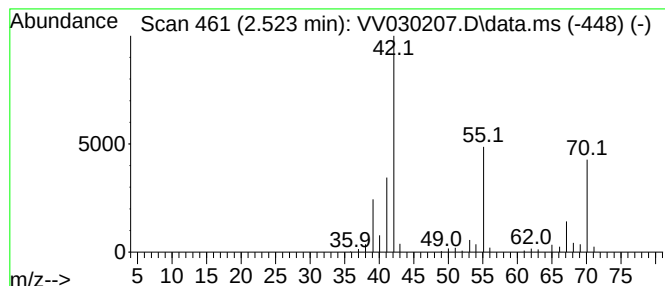
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR022323WMA.M  
Quant Title : TRACE VOA SFAM1.0

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

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

| R.T.      | EstConc              | Area   | Relative to ISTD    | R.T.        |      |
|-----------|----------------------|--------|---------------------|-------------|------|
| 2.523     | 3.55 ug/L            | 223858 | 1,4-Difluorobenzene | 5.545       |      |
| Hit# of 5 | Tentative ID         | MW     | MolForm             | CAS#        | Qual |
| 1         | 1-Pentene            | 70     | C5H10               | 000109-67-1 | 74   |
| 2         | Cyclopentane         | 70     | C5H10               | 000287-92-3 | 72   |
| 3         | Cyclopentane         | 70     | C5H10               | 000287-92-3 | 72   |
| 4         | Cyclobutane, methyl- | 70     | C5H10               | 000598-61-8 | 64   |
| 5         | Cyclopentane         | 70     | C5H10               | 000287-92-3 | 59   |



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Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST0.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name   | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|--------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                    |       |         |       |          | #                     | RT    | Resp   | Conc |
| (DEL) Alkane: S... | 2.523 | 3.5     | ug/L  | 223858   | 1                     | 5.545 | 314962 | 5.0  |