

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV100423\  
 Data File : VV032240.D  
 Acq On : 04 Oct 2023 19:31  
 Operator : SY/MD  
 Sample : 04708-09  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 DCJR5

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\SFAMVTR092923WMA.M  
 Title : TRACE VOA SFAM1.0

Signal : TIC: VV032240.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         | 1.085       | 8             | 14          | 30           | rVB      | 206811         | 197336        | 16.44%          | 3.696%        |
| 2         | 1.275       | 64            | 73          | 85           | rBV2     | 117480         | 161445        | 13.45%          | 3.023%        |
| 3         | 1.388       | 102           | 108         | 119          | rVB4     | 11886          | 16028         | 1.34%           | 0.300%        |
| 4         | 1.532       | 143           | 153         | 166          | rVB      | 52906          | 66405         | 5.53%           | 1.244%        |
| 5         | 1.597       | 166           | 173         | 183          | rVB2     | 11385          | 14243         | 1.19%           | 0.267%        |
| 6         | 1.729       | 206           | 214         | 220          | rBV      | 23879          | 30602         | 2.55%           | 0.573%        |
| 7         | 1.767       | 220           | 226         | 243          | rVB2     | 17441          | 26862         | 2.24%           | 0.503%        |
| 8         | 2.060       | 306           | 317         | 328          | rBV      | 83626          | 122273        | 10.19%          | 2.290%        |
| 9         | 2.127       | 329           | 338         | 354          | rVB      | 8843           | 20026         | 1.67%           | 0.375%        |
| 10        | 2.265       | 367           | 381         | 384          | rBV2     | 6428           | 13718         | 1.14%           | 0.257%        |
| 11        | 2.449       | 429           | 438         | 454          | rVB4     | 8002           | 15782         | 1.31%           | 0.296%        |
| 12        | 2.883       | 562           | 573         | 589          | rBV5     | 6005           | 12988         | 1.08%           | 0.243%        |
| 13        | 3.799       | 848           | 858         | 890          | rBV      | 49275          | 146517        | 12.21%          | 2.744%        |
| 14        | 4.278       | 982           | 1007        | 1033         | rBV3     | 281766         | 832080        | 69.32%          | 15.582%       |
| 15        | 4.960       | 1204          | 1219        | 1251         | rBV2     | 134051         | 359000        | 29.91%          | 6.723%        |
| 16        | 5.539       | 1387          | 1399        | 1420         | rBV      | 99715          | 211015        | 17.58%          | 3.952%        |
| 17        | 5.834       | 1476          | 1491        | 1529         | rBV      | 585450         | 1200401       | 100.00%         | 22.480%       |
| 18        | 5.995       | 1530          | 1541        | 1572         | rVB2     | 77327          | 172566        | 14.38%          | 3.232%        |
| 19        | 6.442       | 1667          | 1680        | 1697         | rBV2     | 20070          | 41778         | 3.48%           | 0.782%        |
| 20        | 6.921       | 1817          | 1829        | 1858         | rBV      | 35445          | 74187         | 6.18%           | 1.389%        |
| 21        | 7.249       | 1920          | 1931        | 1952         | rBV      | 155708         | 285586        | 23.79%          | 5.348%        |
| 22        | 7.561       | 2019          | 2028        | 2046         | rBV      | 20931          | 42134         | 3.51%           | 0.789%        |
| 23        | 8.031       | 2164          | 2174        | 2213         | rBV      | 183688         | 387701        | 32.30%          | 7.261%        |
| 24        | 8.185       | 2215          | 2222        | 2242         | rVB      | 6331           | 16009         | 1.33%           | 0.300%        |
| 25        | 8.789       | 2400          | 2410        | 2433         | rBV      | 158799         | 265918        | 22.15%          | 4.980%        |
| 26        | 10.159      | 2818          | 2836        | 2856         | rVB      | 59911          | 97152         | 8.09%           | 1.819%        |
| 27        | 11.188      | 3145          | 3156        | 3174         | rBV      | 163038         | 259026        | 21.58%          | 4.851%        |
| 28        | 11.564      | 3262          | 3273        | 3295         | rVB      | 157470         | 251084        | 20.92%          | 4.702%        |

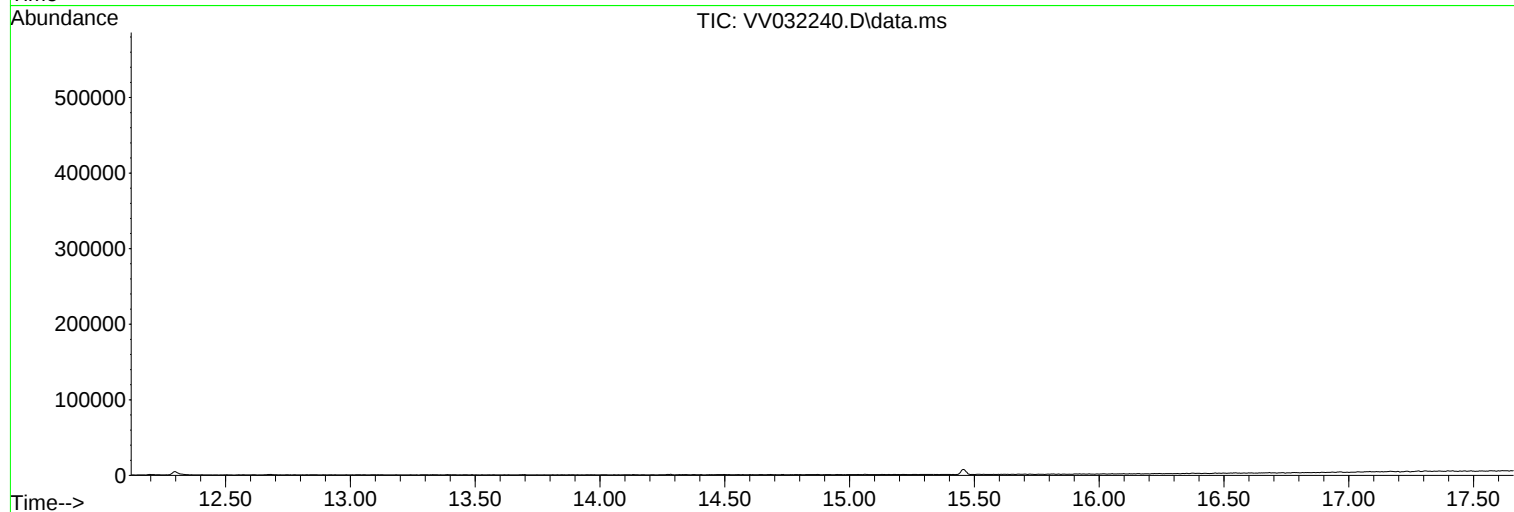
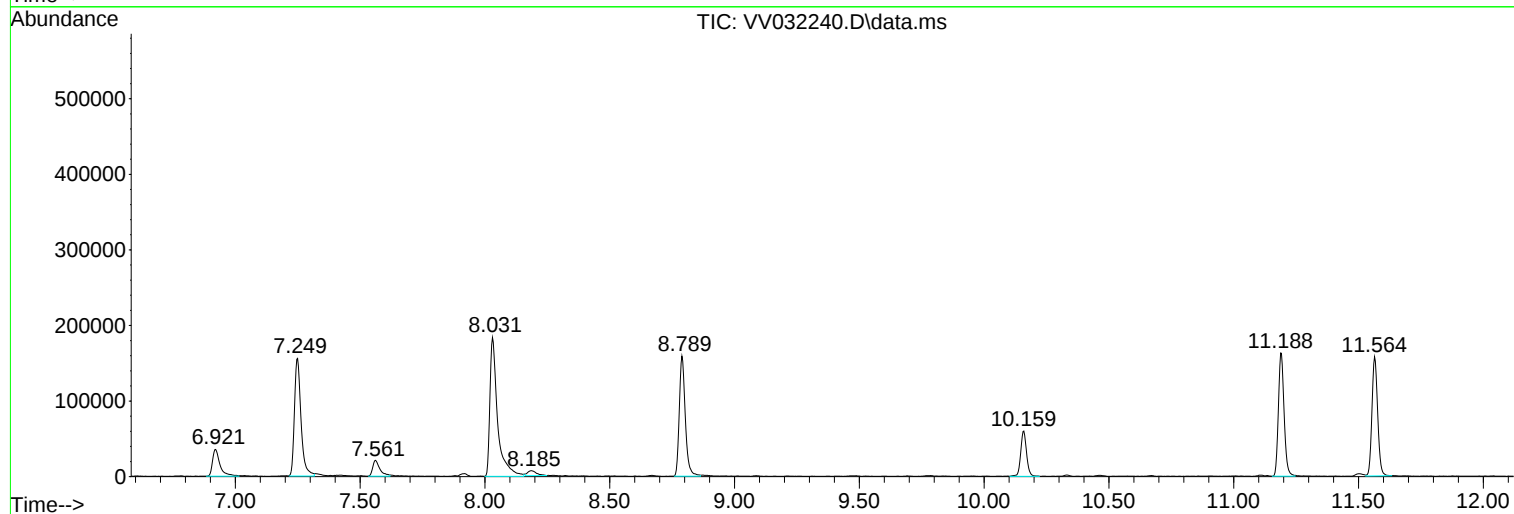
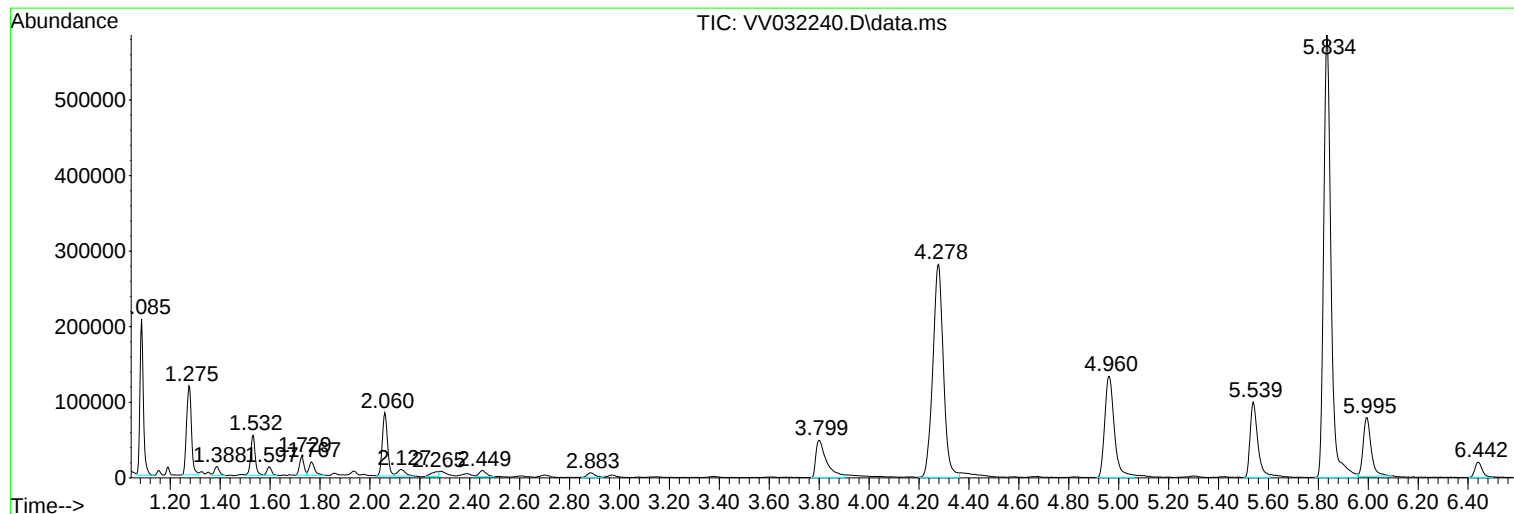
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MSVOA\_V  
ClientSampleId :  
DCJR5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR092923WMA.M  
Quant Title : TRACE VOA SFAM1.0

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



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DCJR5

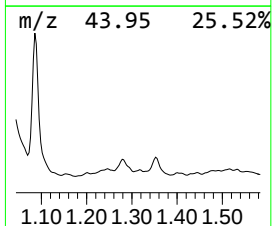
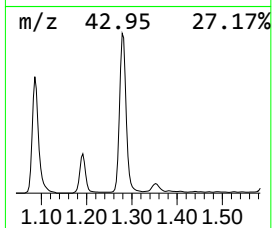
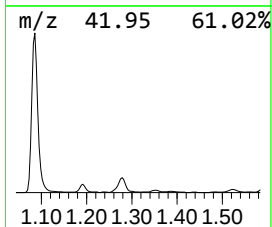
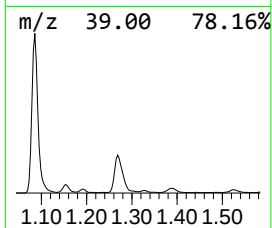
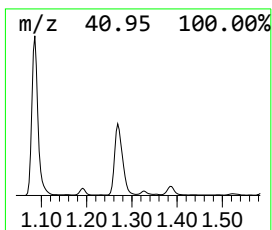
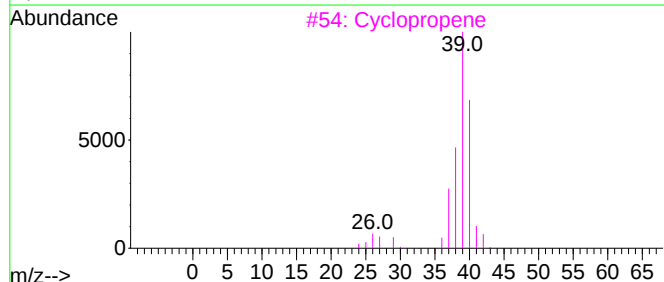
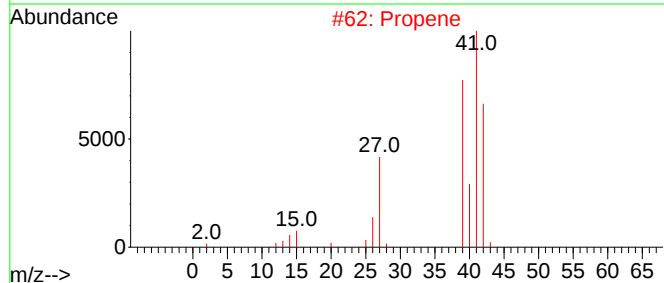
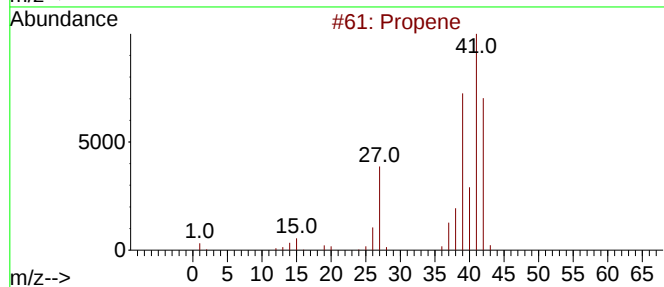
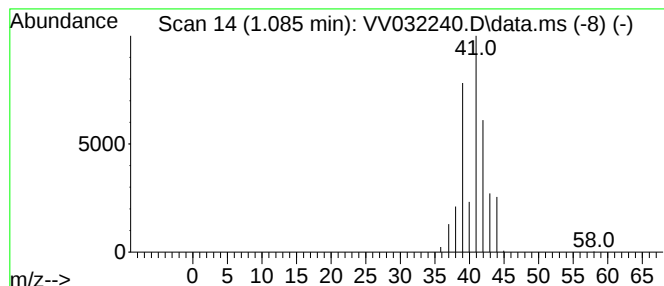
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR092923WMA.M  
Quant Title : TRACE VOA SFAM1.0

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.  |
|-------|-----------|--------|---------------------|-------|
| 1.085 | 4.68 ug/L | 197336 | 1,4-Difluorobenzene | 5.539 |

| 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    |    |   | Cyclopropene | 40 | C3H4    | 002781-85-3 | 9    |
| 4    |    |   | Cyclopropane | 42 | C3H6    | 000075-19-4 | 9    |
| 5    |    |   | Cyclopropane | 42 | C3H6    | 000075-19-4 | 7    |



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MSVOA\_V  
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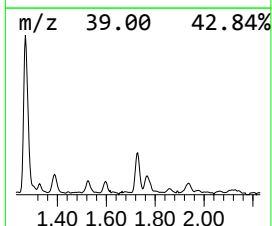
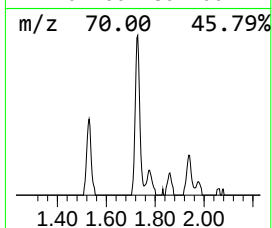
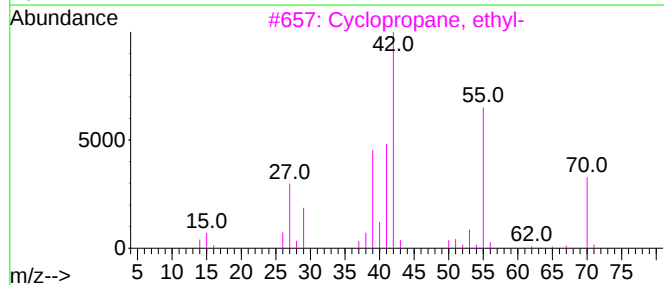
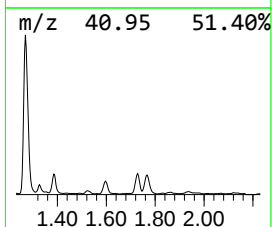
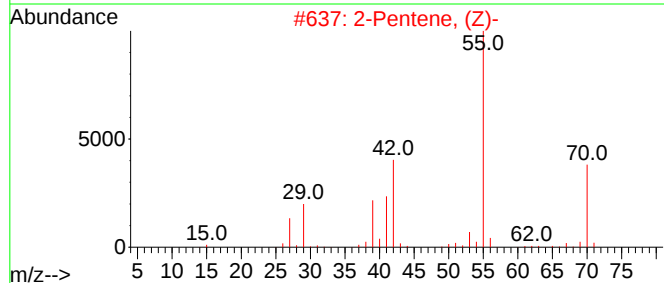
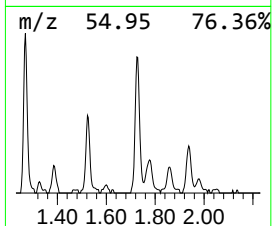
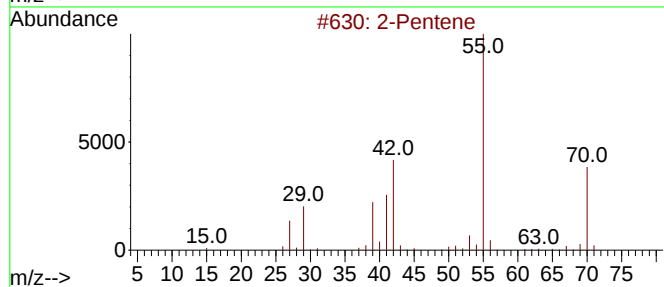
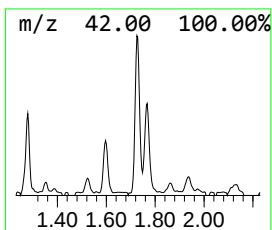
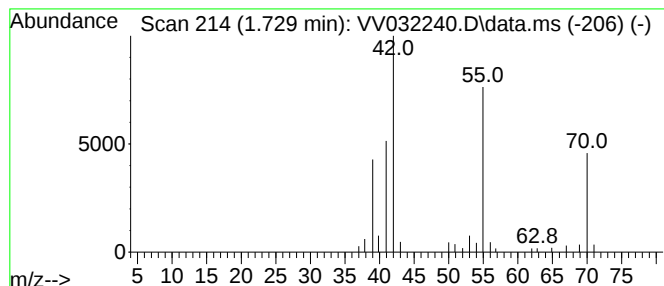
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR092923WMA.M  
Quant Title : TRACE VOA SFAM1.0

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

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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 3

| R.T.  | EstConc   | Area  | Relative to ISTD    | R.T.  |
|-------|-----------|-------|---------------------|-------|
| 1.729 | 0.73 ug/L | 30602 | 1,4-Difluorobenzene | 5.539 |

| Hit# | of | 5 | Tentative ID         | MW | MolForm | CAS#        | Qual |
|------|----|---|----------------------|----|---------|-------------|------|
| 1    |    |   | 2-Pentene            | 70 | C5H10   | 000109-68-2 | 90   |
| 2    |    |   | 2-Pentene, (Z)-      | 70 | C5H10   | 000627-20-3 | 90   |
| 3    |    |   | Cyclopropane, ethyl- | 70 | C5H10   | 001191-96-4 | 78   |
| 4    |    |   | 1-Pentene            | 70 | C5H10   | 000109-67-1 | 74   |
| 5    |    |   | 1-Pentene            | 70 | C5H10   | 000109-67-1 | 68   |



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MSVOA\_V  
ClientSampleId :  
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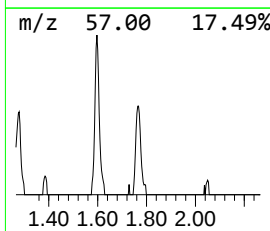
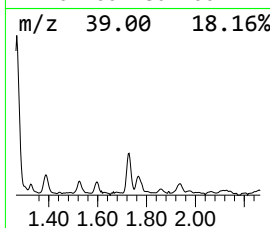
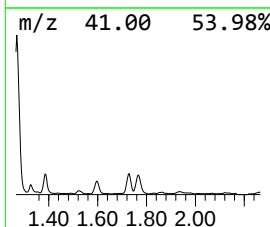
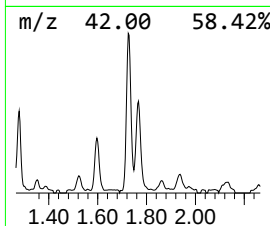
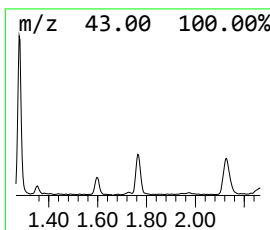
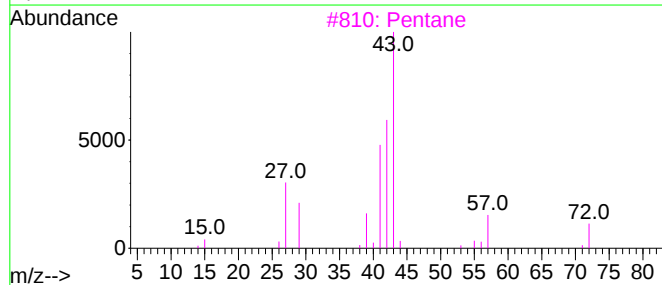
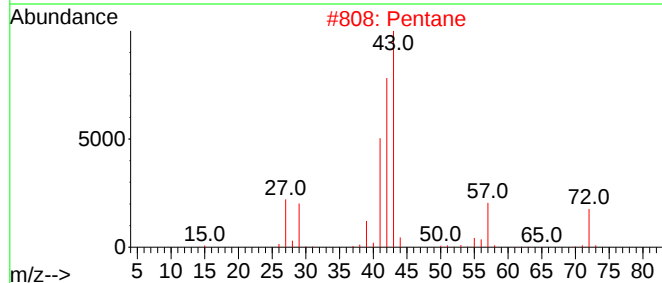
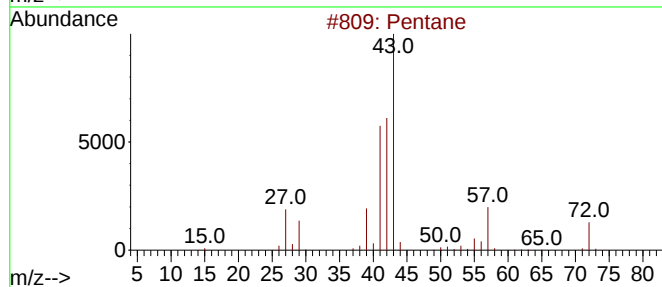
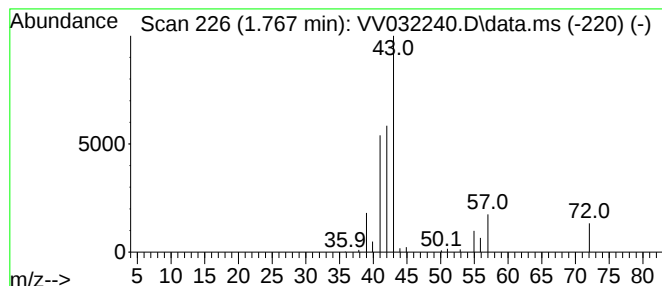
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR092923WMA.M  
Quant Title : TRACE VOA SFAM1.0

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

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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

| R.T.  | EstConc   | Area  | Relative to ISTD    | R.T.  |
|-------|-----------|-------|---------------------|-------|
| 1.767 | 0.64 ug/L | 26862 | 1,4-Difluorobenzene | 5.539 |

| Hit# | of      | 5 | Tentative ID | MW | MolForm | CAS#        | Qual |
|------|---------|---|--------------|----|---------|-------------|------|
| 1    | Pentane |   |              | 72 | C5H12   | 000109-66-0 | 86   |
| 2    | Pentane |   |              | 72 | C5H12   | 000109-66-0 | 78   |
| 3    | Pentane |   |              | 72 | C5H12   | 000109-66-0 | 78   |
| 4    | Pentane |   |              | 72 | C5H12   | 000109-66-0 | 78   |
| 5    | Pentane |   |              | 72 | C5H12   | 000109-66-0 | 72   |



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MSVOA\_V  
ClientSampleId :  
DCJR5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR092923WMA.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 |
| (DEL) Alkane: S... | 1.085 | 4.7     | ug/L  | 197336   | 1                     | 5.539 | 211015 | 5.0  |
| (DEL) Alkane: S... | 1.729 | 0.7     | ug/L  | 30602    | 1                     | 5.539 | 211015 | 5.0  |
| (DEL) Alkane: S... | 1.767 | 0.6     | ug/L  | 26862    | 1                     | 5.539 | 211015 | 5.0  |