

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV020223\  
 Data File : VV030021.D  
 Acq On : 02 Feb 2023 14:21  
 Operator : SY/MD  
 Sample : 01393-10  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0B61

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\SFAMVTR011223WMA.M

Title : TRACE VOA SFAM1.0

Signal : TIC: VV030021.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         | 1.304       | 73            | 82          | 96           | rVB      | 136962         | 149760        | 17.75%          | 2.073%        |
| 2         | 1.565       | 155           | 163         | 177          | rVB      | 131378         | 145864        | 17.29%          | 2.019%        |
| 3         | 2.102       | 320           | 330         | 343          | rBV      | 220261         | 317236        | 37.61%          | 4.392%        |
| 4         | 2.179       | 347           | 354         | 379          | rVB3     | 9691           | 26987         | 3.20%           | 0.374%        |
| 5         | 2.497       | 446           | 453         | 464          | rVB2     | 6287           | 10459         | 1.24%           | 0.145%        |
| 6         | 2.571       | 464           | 476         | 493          | rVB      | 73229          | 131081        | 15.54%          | 1.815%        |
| 7         | 3.886       | 871           | 885         | 928          | rBV      | 88813          | 301906        | 35.79%          | 4.180%        |
| 8         | 4.336       | 1007          | 1025        | 1051         | rBV      | 143071         | 356397        | 42.25%          | 4.934%        |
| 9         | 5.037       | 1224          | 1243        | 1275         | rBV2     | 336793         | 843540        | 100.00%         | 11.678%       |
| 10        | 5.606       | 1405          | 1420        | 1447         | rBV      | 277492         | 570982        | 67.69%          | 7.905%        |
| 11        | 6.060       | 1546          | 1561        | 1586         | rBV      | 197356         | 406795        | 48.22%          | 5.632%        |
| 12        | 6.976       | 1834          | 1846        | 1877         | rBV      | 90502          | 167897        | 19.90%          | 2.324%        |
| 13        | 7.307       | 1935          | 1949        | 1968         | rBV      | 398800         | 697738        | 82.72%          | 9.660%        |
| 14        | 7.613       | 2032          | 2044        | 2063         | rBV      | 53474          | 97623         | 11.57%          | 1.352%        |
| 15        | 8.082       | 2179          | 2190        | 2227         | rBV      | 410315         | 744861        | 88.30%          | 10.312%       |
| 16        | 8.841       | 2412          | 2426        | 2455         | rBV      | 420010         | 691788        | 82.01%          | 9.578%        |
| 17        | 9.542       | 2634          | 2644        | 2660         | rBV7     | 5393           | 11566         | 1.37%           | 0.160%        |
| 18        | 10.204      | 2836          | 2850        | 2865         | rBV      | 139557         | 220269        | 26.11%          | 3.050%        |
| 19        | 10.371      | 2891          | 2902        | 2914         | rBV      | 7384           | 12473         | 1.48%           | 0.173%        |
| 20        | 11.236      | 3158          | 3171        | 3190         | rBV      | 444625         | 679229        | 80.52%          | 9.404%        |
| 21        | 11.545      | 3254          | 3267        | 3275         | rBV4     | 6928           | 12966         | 1.54%           | 0.180%        |
| 22        | 11.612      | 3276          | 3288        | 3309         | rVB      | 377690         | 592791        | 70.27%          | 8.207%        |
| 23        | 14.030      | 4029          | 4040        | 4050         | rBV      | 5978           | 10255         | 1.22%           | 0.142%        |
| 24        | 15.760      | 4571          | 4578        | 4585         | rBV2     | 9604           | 12210         | 1.45%           | 0.169%        |
| 25        | 16.291      | 4736          | 4743        | 4752         | rVB7     | 6178           | 10371         | 1.23%           | 0.144%        |

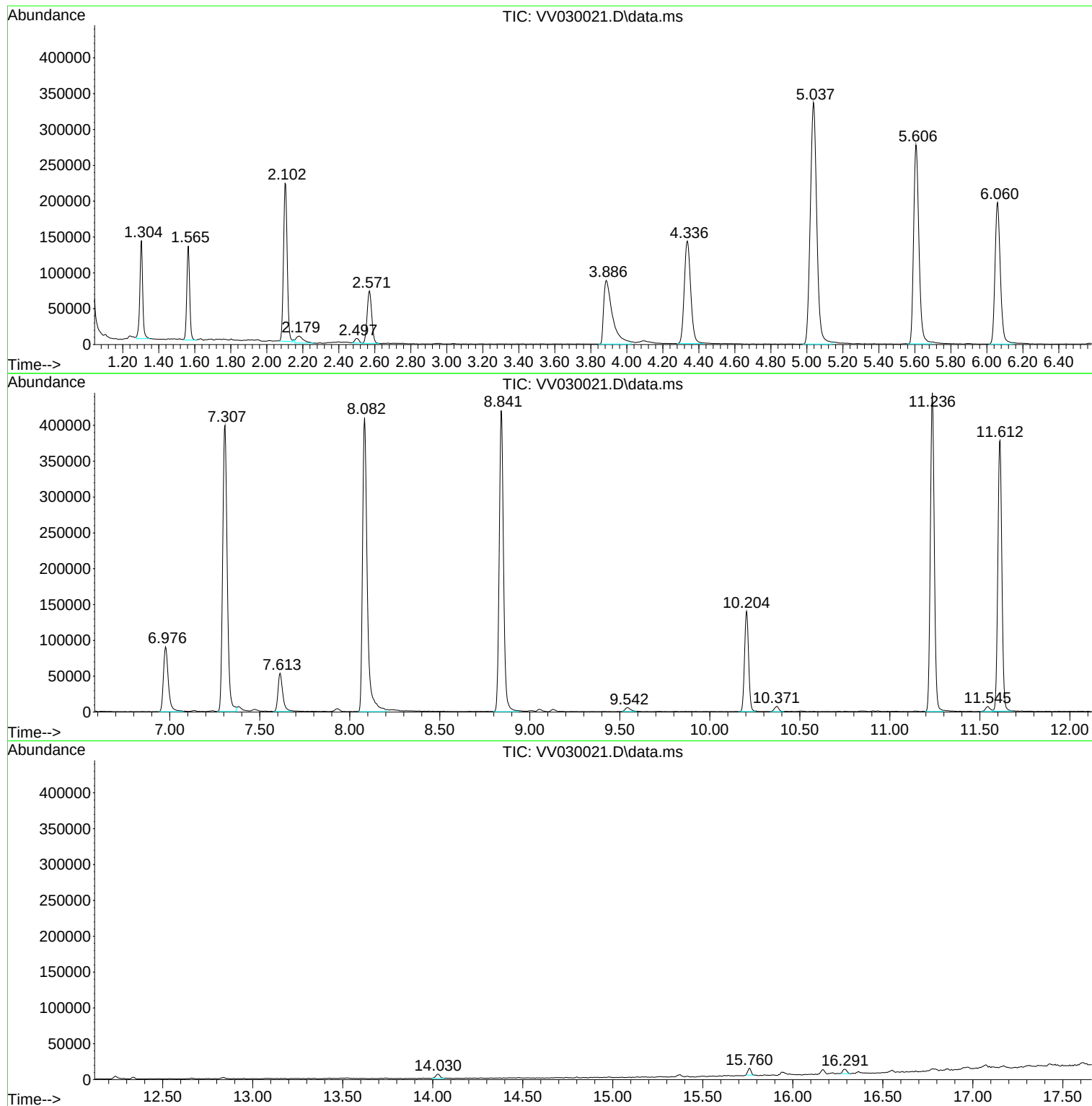
Sum of corrected areas: 7223044

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C0B61

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR011223WMA.M  
Quant Title : TRACE VOA SFAM1.0

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



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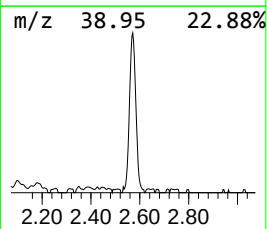
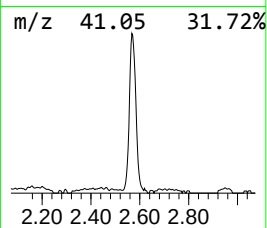
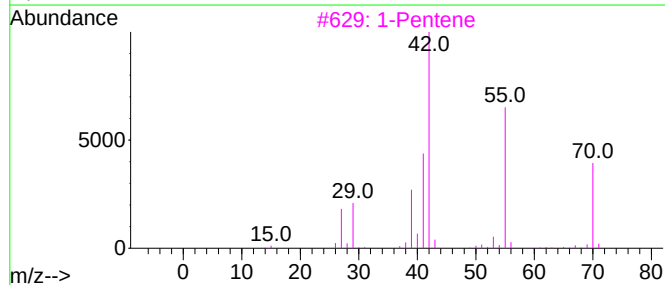
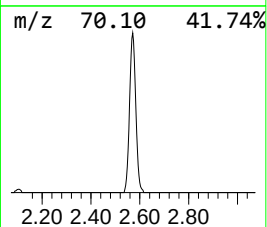
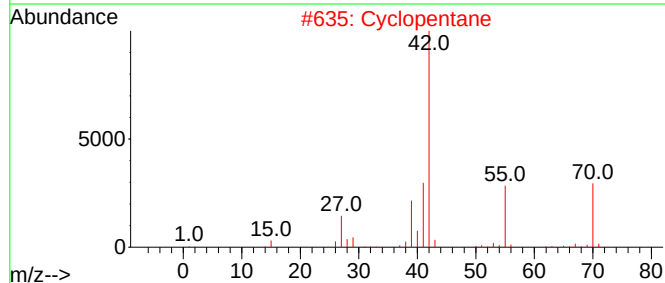
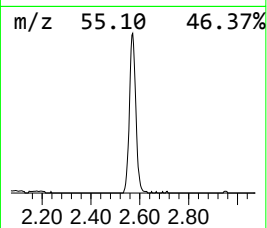
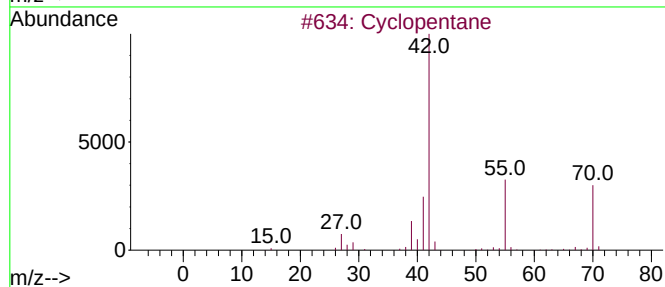
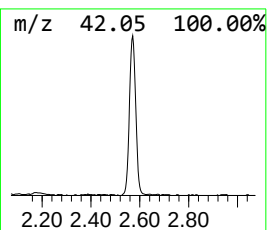
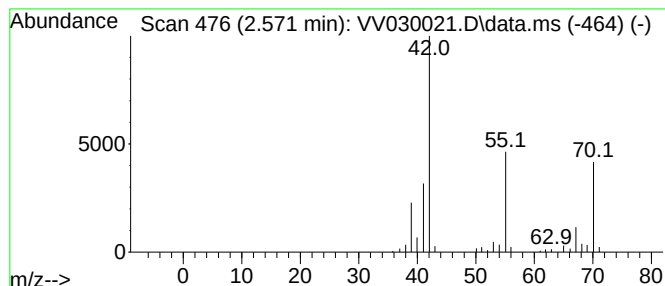
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR011223WMA.M  
Quant Title : TRACE VOA SFAM1.0

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

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Peak Number 1 (DEL) Alkane: Cyclic2.571 Concentration Rank 2

| R.T.  | EstConc   | Area   | Relative to ISTD    | R.T.  |
|-------|-----------|--------|---------------------|-------|
| 2.571 | 1.15 ug/L | 131081 | 1,4-Difluorobenzene | 5.606 |

| Hit# | of | 5 | Tentative ID | MW | MolForm | CAS#        | Qual |
|------|----|---|--------------|----|---------|-------------|------|
| 1    |    |   | Cyclopentane | 70 | C5H10   | 000287-92-3 | 72   |
| 2    |    |   | Cyclopentane | 70 | C5H10   | 000287-92-3 | 64   |
| 3    |    |   | 1-Pentene    | 70 | C5H10   | 000109-67-1 | 59   |
| 4    |    |   | Cyclopentane | 70 | C5H10   | 000287-92-3 | 56   |
| 5    |    |   | 1-Pentene    | 70 | C5H10   | 000109-67-1 | 53   |



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| TIC Top Hit name   | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|--------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                    |       |         |       |          | #                     | RT    | Resp   | Conc |
| (DEL) Alkane: C... | 2.571 | 1.1     | ug/L  | 131081   | 1                     | 5.606 | 570982 | 5.0  |