

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121919\  
 Data File : VV014140.D  
 Acq On : 19 Dec 2019 19:23  
 Operator : SY/MD  
 Sample : K6286-12  
 Misc : 25.0mL/MSVOA V/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BFDY8

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.1

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR112219WMA.M

Title : TRACE VOA SOM01.0

Signal : TIC

| 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         | 1.116       | 3             | 8           | 19           | rVB      | 210398         | 197683        | 17.10%          | 1.863%        |
| 2         | 1.229       | 38            | 43          | 48           | rVB      | 38352          | 33919         | 2.93%           | 0.320%        |
| 3         | 1.319       | 62            | 71          | 79           | rBV2     | 241657         | 265488        | 22.97%          | 2.501%        |
| 4         | 1.582       | 141           | 153         | 164          | rVB      | 156356         | 189169        | 16.37%          | 1.782%        |
| 5         | 1.650       | 168           | 174         | 181          | rVB      | 20927          | 24500         | 2.12%           | 0.231%        |
| 6         | 1.785       | 210           | 216         | 221          | rBV2     | 15783          | 18153         | 1.57%           | 0.171%        |
| 7         | 1.823       | 222           | 228         | 239          | rVB      | 28060          | 36402         | 3.15%           | 0.343%        |
| 8         | 2.129       | 314           | 323         | 337          | rVB      | 230755         | 339395        | 29.36%          | 3.198%        |
| 9         | 2.788       | 515           | 528         | 530          | rBV9     | 11399          | 14519         | 1.26%           | 0.137%        |
| 10        | 3.929       | 870           | 883         | 917          | rBV2     | 177759         | 651229        | 56.34%          | 6.136%        |
| 11        | 4.396       | 1014          | 1028        | 1052         | rBV      | 212276         | 508844        | 44.02%          | 4.794%        |
| 12        | 5.090       | 1227          | 1244        | 1271         | rBV2     | 424932         | 1069257       | 92.51%          | 10.074%       |
| 13        | 5.659       | 1408          | 1421        | 1443         | rBV      | 433979         | 863623        | 74.72%          | 8.137%        |
| 14        | 5.958       | 1499          | 1514        | 1530         | rBV      | 266115         | 517610        | 44.78%          | 4.877%        |
| 15        | 6.113       | 1547          | 1562        | 1587         | rBV      | 268419         | 548713        | 47.47%          | 5.170%        |
| 16        | 7.026       | 1833          | 1846        | 1862         | rBV      | 112440         | 212623        | 18.40%          | 2.003%        |
| 17        | 7.357       | 1937          | 1949        | 1967         | rBV      | 401048         | 706391        | 61.12%          | 6.655%        |
| 18        | 7.662       | 2035          | 2044        | 2056         | rBV2     | 67935          | 113403        | 9.81%           | 1.068%        |
| 19        | 8.129       | 2177          | 2189        | 2222         | rBV2     | 566282         | 1155820       | 100.00%         | 10.890%       |
| 20        | 8.280       | 2228          | 2236        | 2251         | rVB3     | 37749          | 67611         | 5.85%           | 0.637%        |
| 21        | 8.891       | 2412          | 2426        | 2444         | rBV      | 655980         | 1077034       | 93.18%          | 10.148%       |
| 22        | 10.254      | 2839          | 2850        | 2864         | rBV      | 207238         | 330414        | 28.59%          | 3.113%        |
| 23        | 11.199      | 3135          | 3144        | 3148         | rBV      | 9211           | 14554         | 1.26%           | 0.137%        |
| 24        | 11.289      | 3159          | 3172        | 3192         | rBV      | 576524         | 893234        | 77.28%          | 8.416%        |
| 25        | 11.665      | 3275          | 3289        | 3305         | rBV      | 468488         | 737296        | 63.79%          | 6.947%        |
| 26        | 12.392      | 3506          | 3515        | 3524         | rBV10    | 17052          | 26860         | 2.32%           | 0.253%        |

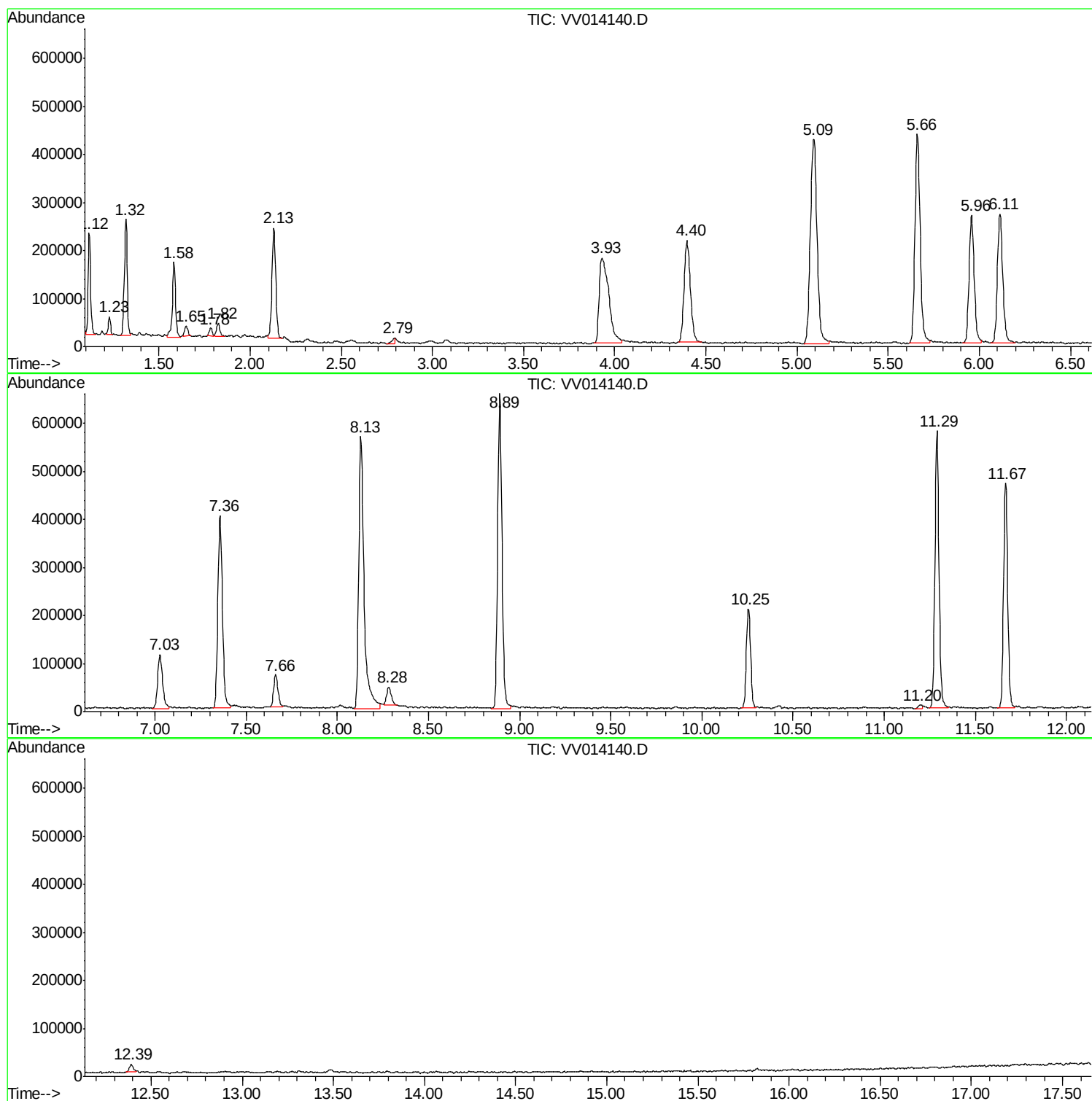
Sum of corrected areas: 10613744

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR112219WMA.M  
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P



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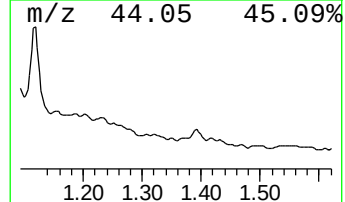
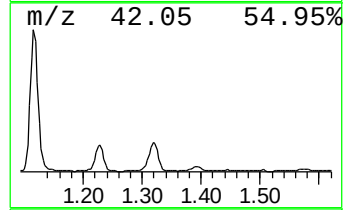
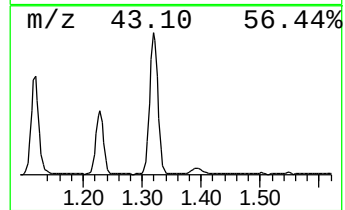
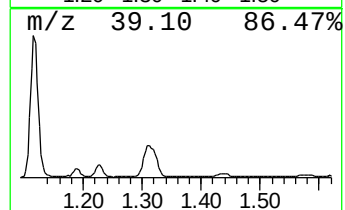
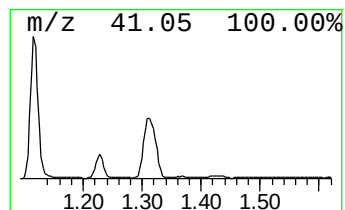
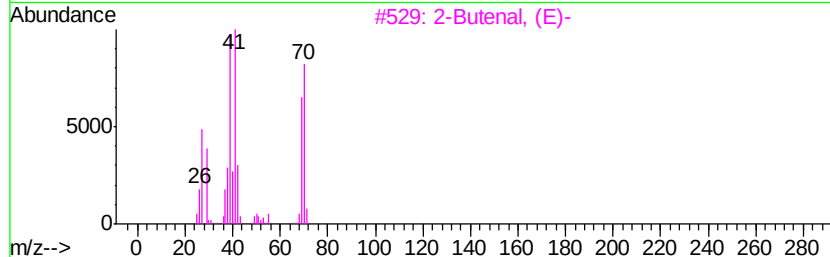
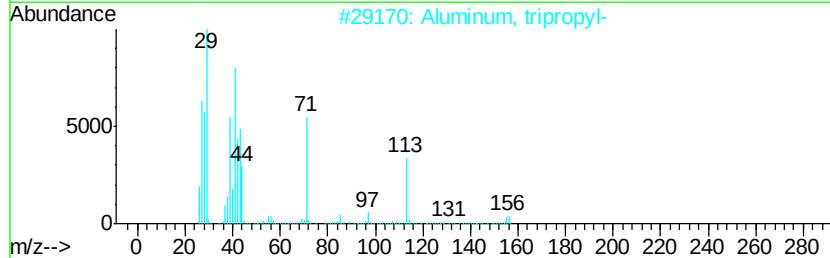
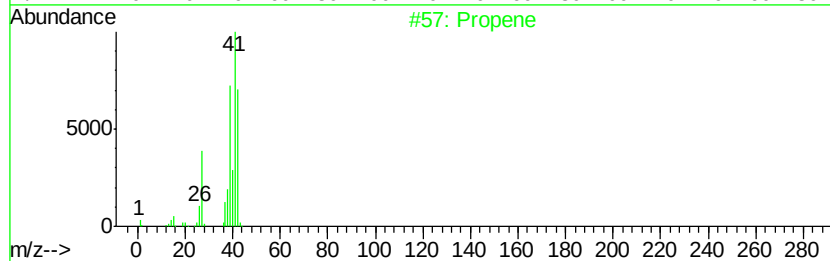
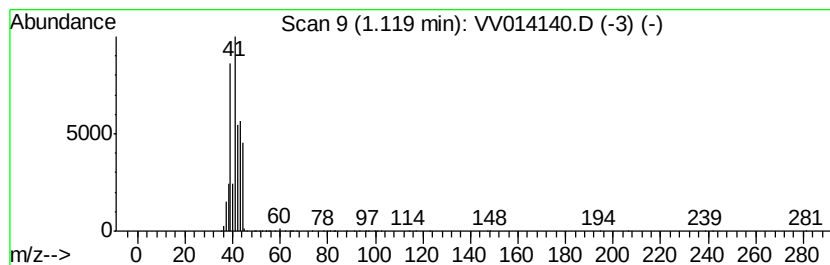
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Quant Title : TRACE VOA SOM01.0

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TIC Integration Parameters: LSCINT.P

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Peak Number 1 (DEL) Alkane: Cyclic1.12 Concentration Rank 2

| R.T.    | EstConc                             | Area         | Relative to ISTD    | R.T.           |
|---------|-------------------------------------|--------------|---------------------|----------------|
| 1.12    | 1.14 ug/L                           | 197683       | 1,4-Difluorobenzene | 5.66           |
| Hit# of | 5                                   | Tentative ID | MW MolForm          | CAS# Qual      |
| 1       | Propene                             |              | 42 C3H6             | 000115-07-1 86 |
| 2       | Aluminum, tripropyl-                |              | 156 C9H21Al         | 000102-67-0 74 |
| 3       | 2-Butenal, (E)-                     |              | 70 C4H6O            | 000123-73-9 72 |
| 4       | 3-Butenoic acid                     |              | 86 C4H6O2           | 000625-38-7 72 |
| 5       | Bis(3-methylbutyl) fluorene-2,7-... |              | 466 C23H30O6S2      | 253664-95-8 72 |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| (DEL) Alkane: Cyc... | 1.12 | 1.1     | ug/L  | 197683   | 1                     | 5.66 | 863623 | 5.0  |