

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042420\  
 Data File : VV015671.D  
 Acq On : 24 Apr 2020 14:11  
 Operator : SY/MD  
 Sample : L2416-03  
 Misc : 25.0mL/MSVOA V/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 ETKP1

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\SOMVTR042220WMA.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         | 1.113       | 4             | 7           | 24           | rVB2     | 20793          | 26127         | 6.20%           | 0.659%        |
| 2         | 1.219       | 31            | 40          | 54           | rVB3     | 35057          | 47773         | 11.34%          | 1.206%        |
| 3         | 1.312       | 60            | 69          | 76           | rBV      | 74360          | 83619         | 19.85%          | 2.110%        |
| 4         | 1.360       | 76            | 84          | 88           | rBV2     | 19267          | 31212         | 7.41%           | 0.788%        |
| 5         | 1.576       | 145           | 151         | 165          | rVB      | 47574          | 57728         | 13.70%          | 1.457%        |
| 6         | 2.119       | 311           | 320         | 331          | rVV      | 84527          | 123525        | 29.32%          | 3.117%        |
| 7         | 2.180       | 331           | 339         | 366          | rVB      | 22645          | 45064         | 10.70%          | 1.137%        |
| 8         | 2.659       | 474           | 488         | 511          | rVB2     | 12869          | 33922         | 8.05%           | 0.856%        |
| 9         | 3.904       | 863           | 875         | 900          | rBV      | 51322          | 148396        | 35.23%          | 3.745%        |
| 10        | 4.376       | 1003          | 1022        | 1044         | rBV      | 69534          | 178147        | 42.29%          | 4.495%        |
| 11        | 5.074       | 1219          | 1239        | 1251         | rBV2     | 161123         | 409800        | 97.28%          | 10.341%       |
| 12        | 5.640       | 1402          | 1415        | 1439         | rBV      | 153514         | 310889        | 73.80%          | 7.845%        |
| 13        | 6.097       | 1543          | 1557        | 1579         | rBV2     | 97429          | 201143        | 47.75%          | 5.076%        |
| 14        | 6.601       | 1701          | 1714        | 1727         | rBV6     | 2013           | 4742          | 1.13%           | 0.120%        |
| 15        | 7.010       | 1828          | 1841        | 1859         | rBV2     | 44584          | 82967         | 19.70%          | 2.094%        |
| 16        | 7.338       | 1931          | 1943        | 1957         | rBV      | 196334         | 341435        | 81.05%          | 8.616%        |
| 17        | 7.412       | 1957          | 1966        | 1981         | rVB      | 46052          | 81980         | 19.46%          | 2.069%        |
| 18        | 7.643       | 2028          | 2038        | 2052         | rBV      | 26374          | 45832         | 10.88%          | 1.157%        |
| 19        | 8.109       | 2172          | 2183        | 2213         | rBV      | 224869         | 421243        | 100.00%         | 10.630%       |
| 20        | 8.875       | 2409          | 2421        | 2444         | rBV      | 238582         | 389617        | 92.49%          | 9.832%        |
| 21        | 9.161       | 2501          | 2510        | 2522         | rVB3     | 8722           | 14094         | 3.35%           | 0.356%        |
| 22        | 9.566       | 2626          | 2636        | 2647         | rBV3     | 6895           | 10824         | 2.57%           | 0.273%        |
| 23        | 9.733       | 2680          | 2688        | 2702         | rBV3     | 3869           | 7007          | 1.66%           | 0.177%        |
| 24        | 10.238      | 2830          | 2845        | 2858         | rBV      | 68477          | 108170        | 25.68%          | 2.730%        |
| 25        | 10.405      | 2888          | 2897        | 2907         | rVB5     | 2841           | 4382          | 1.04%           | 0.111%        |
| 26        | 11.270      | 3155          | 3166        | 3188         | rBV      | 254248         | 390872        | 92.79%          | 9.863%        |
| 27        | 11.566      | 3247          | 3258        | 3272         | rBV6     | 7343           | 20284         | 4.82%           | 0.512%        |
| 28        | 11.646      | 3272          | 3283        | 3310         | rVB      | 212093         | 337307        | 80.07%          | 8.512%        |
| 29        | 12.270      | 3467          | 3477        | 3486         | rVB5     | 3071           | 4723          | 1.12%           | 0.119%        |

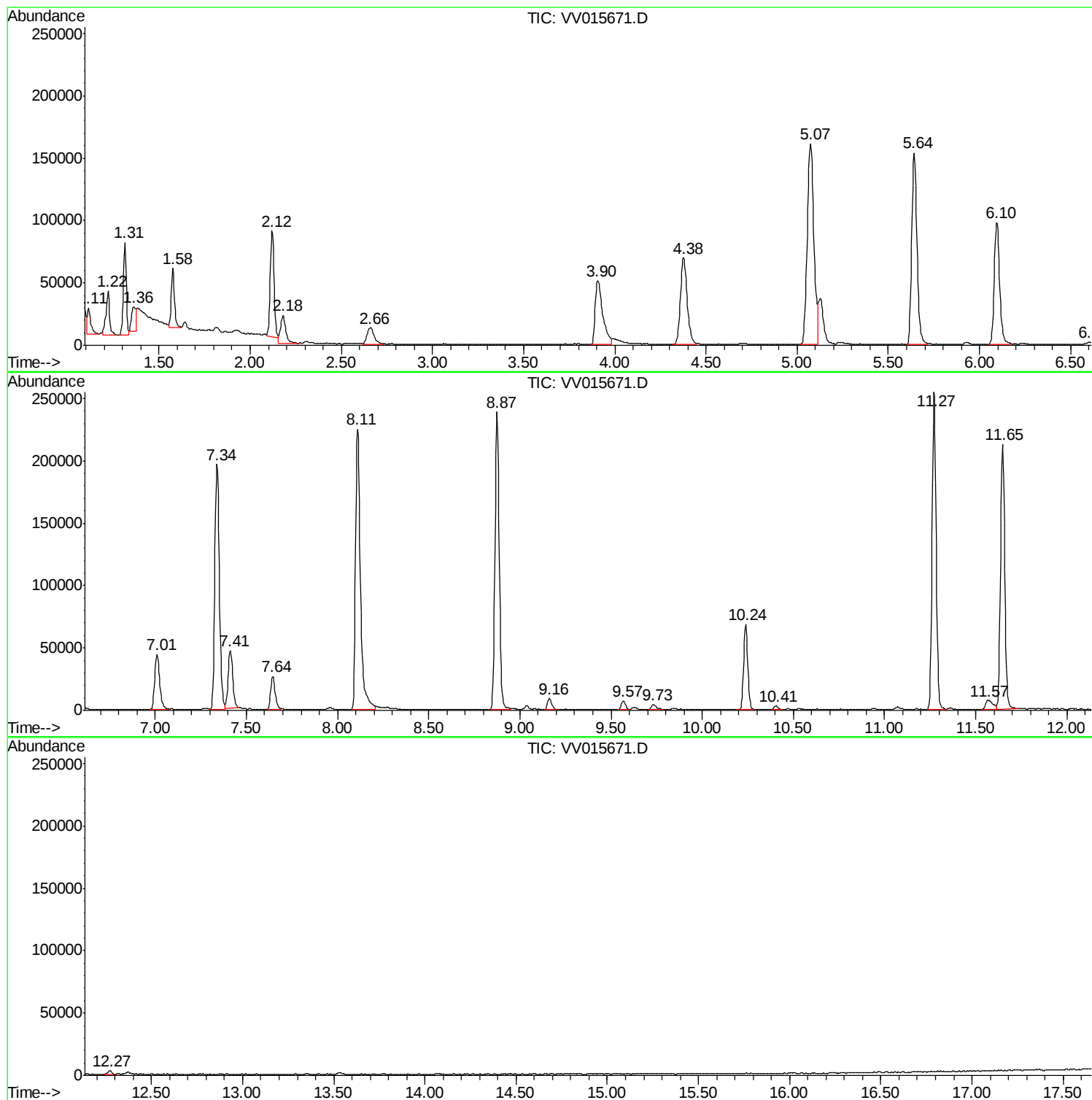
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Instrument :  
MSVOA\_V  
ClientSampled :  
ETKP1

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR042220WMA.M  
Quant Title : TRACE VOA SOM01.0

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



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Quant Title : TRACE VOA SOM01.0

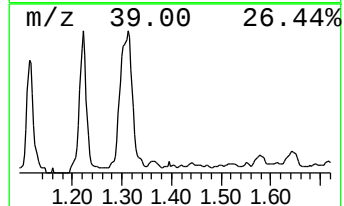
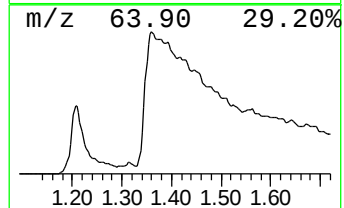
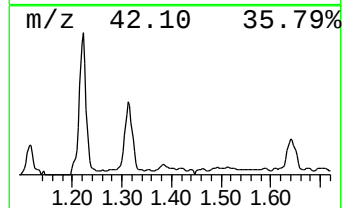
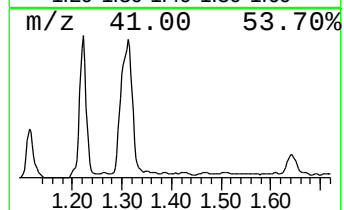
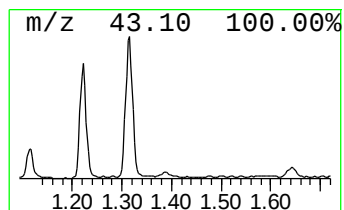
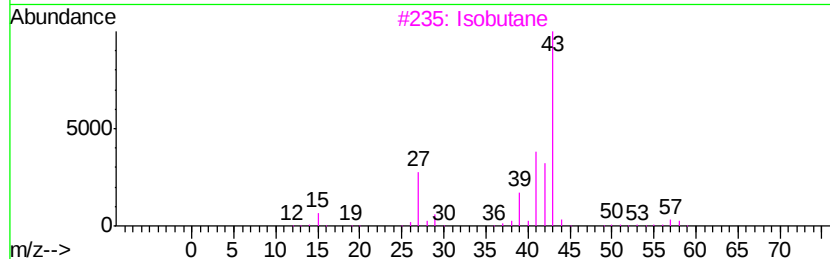
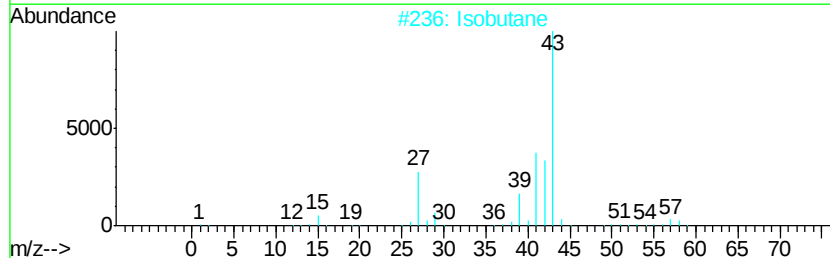
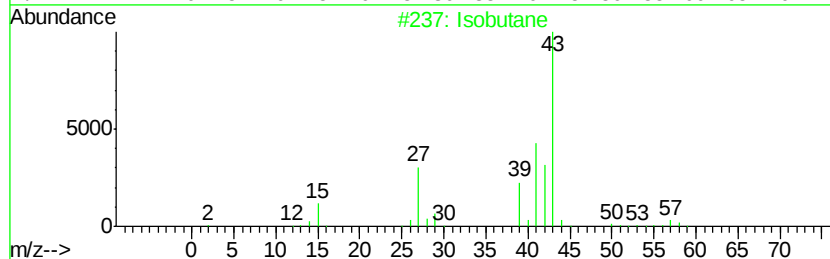
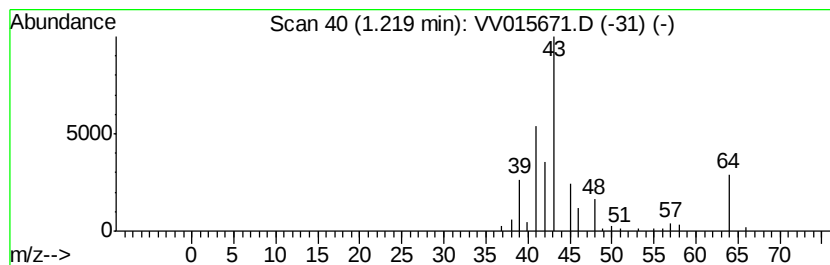
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 2

| R.T. | EstConc   | Area  | Relative to ISTD    | R.T. |
|------|-----------|-------|---------------------|------|
| 1.22 | 0.77 ug/L | 47773 | 1,4-Difluorobenzene | 5.64 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|-----|---------|-------------|------|
| 1    |    |   | Isobutane                   | 58  | C4H10   | 000075-28-5 | 25   |
| 2    |    |   | Isobutane                   | 58  | C4H10   | 000075-28-5 | 25   |
| 3    |    |   | Isobutane                   | 58  | C4H10   | 000075-28-5 | 25   |
| 4    |    |   | Isobutane                   | 58  | C4H10   | 000075-28-5 | 9    |
| 5    |    |   | tert-Butyl methyl sulfoxide | 120 | C5H12OS | 014094-11-2 | 9    |



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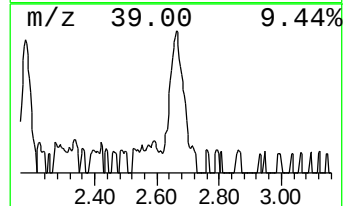
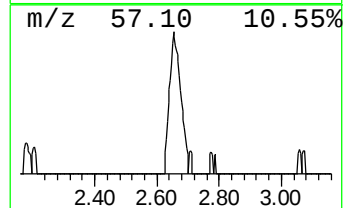
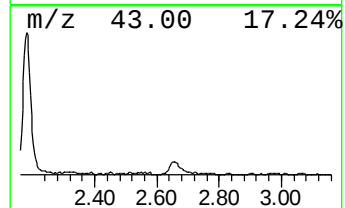
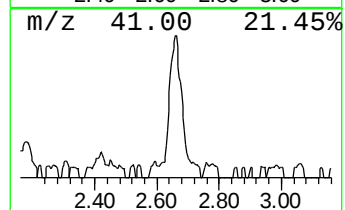
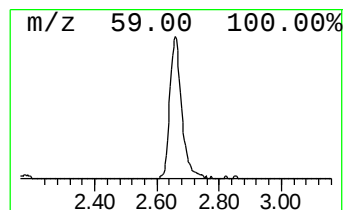
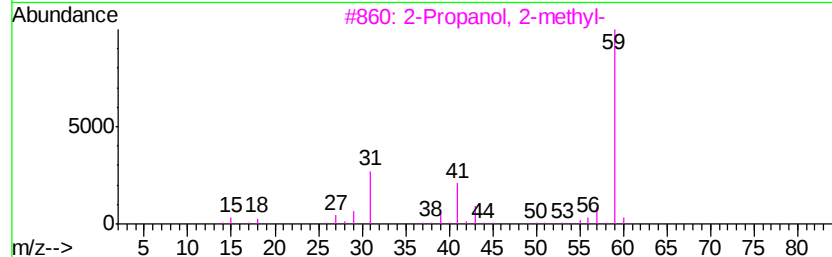
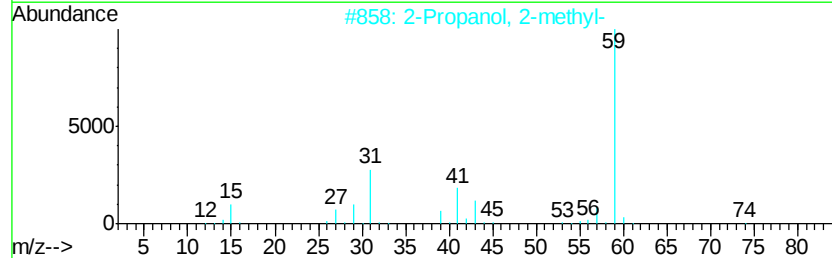
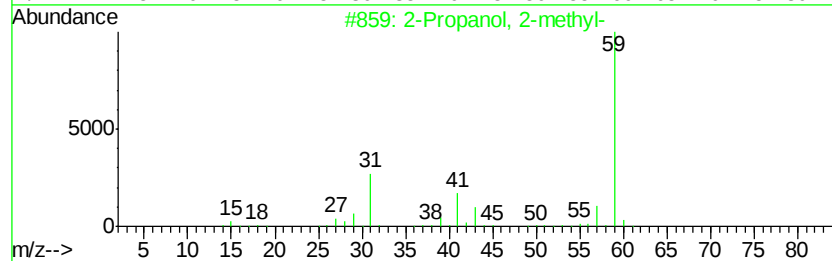
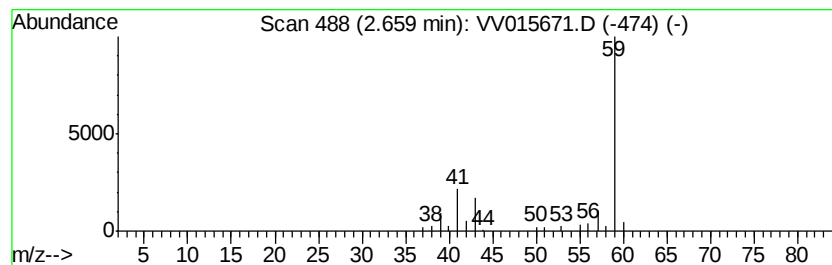
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Quant Title : TRACE VOA SOM01.0

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TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 2 2-Propanol, 2-methyl- Concentration Rank 3

| R.T. | EstConc   | Area  | Relative to ISTD    | R.T. |
|------|-----------|-------|---------------------|------|
| 2.66 | 0.55 ug/L | 33922 | 1,4-Difluorobenzene | 5.64 |

| Hit# | of | 5 | Tentative ID          | MW | MolForm | CAS#        | Qual |
|------|----|---|-----------------------|----|---------|-------------|------|
| 1    |    |   | 2-Propanol, 2-methyl- | 74 | C4H10O  | 000075-65-0 | 64   |
| 2    |    |   | 2-Propanol, 2-methyl- | 74 | C4H10O  | 000075-65-0 | 64   |
| 3    |    |   | 2-Propanol, 2-methyl- | 74 | C4H10O  | 000075-65-0 | 64   |
| 4    |    |   | 3-Pentanol            | 88 | C5H12O  | 000584-02-1 | 40   |
| 5    |    |   | 2-Propanol, 2-methyl- | 74 | C4H10O  | 000075-65-0 | 9    |



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TIC Integration Parameters: LSCINT.P

| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| (DEL) Alkane: Str... | 1.22 | 0.8     | ug/L  | 47773    | 1                     | 5.64 | 310889 | 5.0  |
| 2-Propanol, 2-met... | 2.66 | 0.6     | ug/L  | 33922    | 1                     | 5.64 | 310889 | 5.0  |