

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_V\DATA\VV111818\  
 Data File : VV008633.D  
 Acq On : 17 Nov 2018 17:19  
 Operator : SY/MD  
 Sample : J5990-09  
 Misc : 25.0 mL/MSVOA\_V/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 ETO72

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\SOMVTR111718WMA.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         | 1.280       | 50            | 59          | 62           | rBV      | 90254          | 139818        | 34.47%          | 3.501%        |
| 2         | 1.431       | 100           | 106         | 123          | rVB      | 179537         | 226058        | 55.73%          | 5.661%        |
| 3         | 1.586       | 149           | 154         | 179          | rVB2     | 52702          | 93975         | 23.17%          | 2.353%        |
| 4         | 2.135       | 317           | 325         | 338          | rVB      | 78255          | 112409        | 27.71%          | 2.815%        |
| 5         | 2.348       | 376           | 391         | 420          | rBV      | 67048          | 215812        | 53.20%          | 5.404%        |
| 6         | 3.955       | 873           | 891         | 904          | rBV2     | 57925          | 161360        | 39.78%          | 4.041%        |
| 7         | 4.405       | 1014          | 1031        | 1054         | rVB      | 70230          | 169078        | 41.68%          | 4.234%        |
| 8         | 5.100       | 1229          | 1247        | 1270         | rBV4     | 170541         | 405640        | 100.00%         | 10.158%       |
| 9         | 5.669       | 1409          | 1424        | 1449         | rBV      | 152202         | 303392        | 74.79%          | 7.597%        |
| 10        | 6.032       | 1524          | 1537        | 1547         | rBV7     | 3672           | 9307          | 2.29%           | 0.233%        |
| 11        | 6.122       | 1551          | 1565        | 1582         | rVV2     | 94811          | 188373        | 46.44%          | 4.717%        |
| 12        | 6.624       | 1713          | 1721        | 1730         | rBV7     | 2852           | 5216          | 1.29%           | 0.131%        |
| 13        | 7.035       | 1836          | 1849        | 1861         | rBV      | 45032          | 79645         | 19.63%          | 1.994%        |
| 14        | 7.193       | 1888          | 1898        | 1913         | rVB2     | 8699           | 17801         | 4.39%           | 0.446%        |
| 15        | 7.363       | 1938          | 1951        | 1967         | rBV      | 199585         | 347493        | 85.67%          | 8.702%        |
| 16        | 7.669       | 2035          | 2046        | 2059         | rBV      | 25964          | 45545         | 11.23%          | 1.141%        |
| 17        | 8.142       | 2181          | 2193        | 2226         | rBV      | 196281         | 402038        | 99.11%          | 10.068%       |
| 18        | 8.897       | 2413          | 2428        | 2449         | rBV      | 211381         | 358403        | 88.35%          | 8.975%        |
| 19        | 10.264      | 2842          | 2853        | 2869         | rBV2     | 65858          | 104409        | 25.74%          | 2.615%        |
| 20        | 11.299      | 3163          | 3175        | 3199         | rBV      | 190741         | 319115        | 78.67%          | 7.991%        |
| 21        | 11.592      | 3253          | 3266        | 3277         | rBV7     | 2859           | 6369          | 1.57%           | 0.159%        |
| 22        | 11.675      | 3280          | 3292        | 3315         | rVB      | 170466         | 282107        | 69.55%          | 7.064%        |

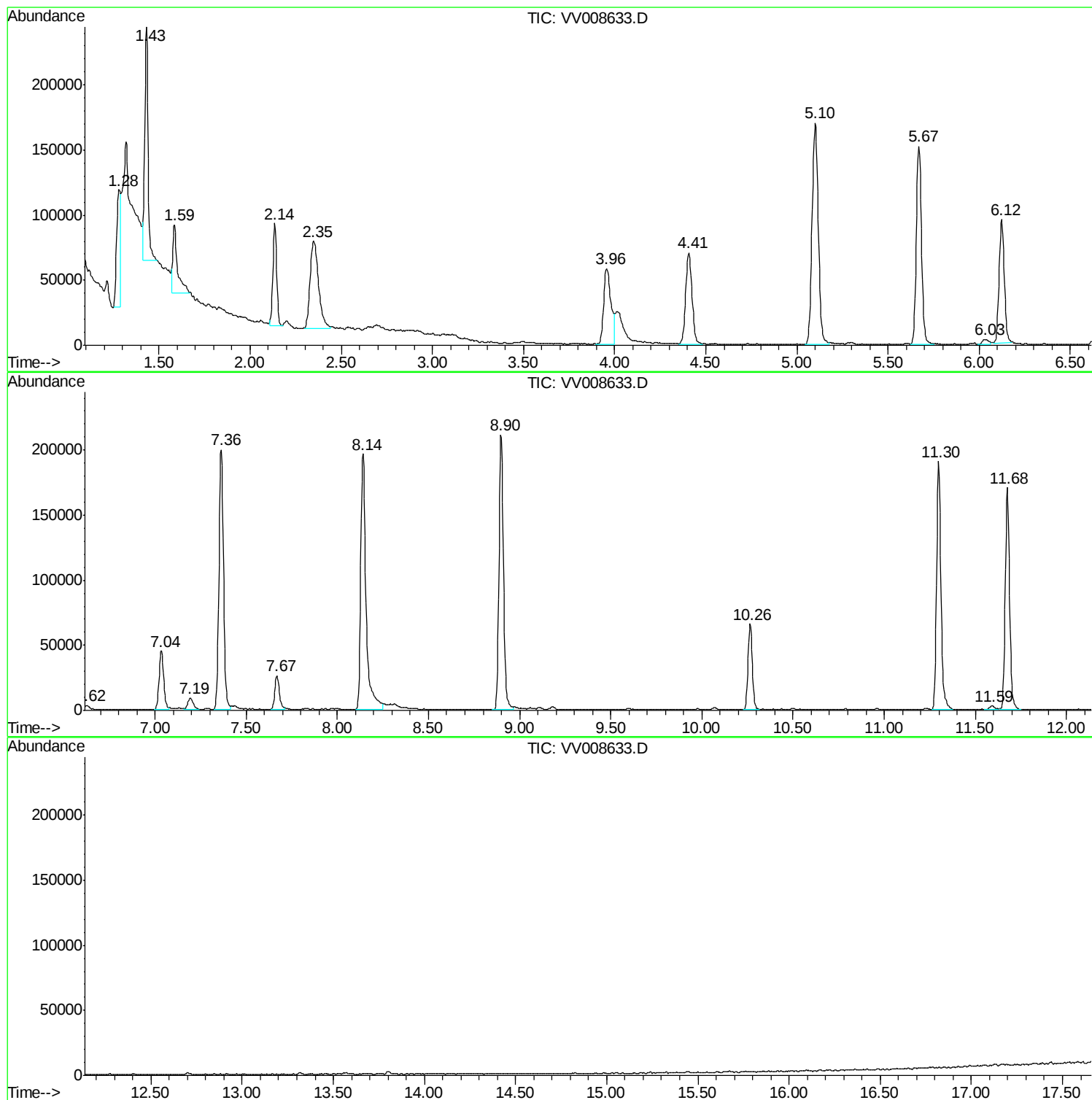
Sum of corrected areas: 3993363

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MSVOA\_V  
ClientSampleId :  
ETO72

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR111718WMA.M  
Quant Title : TRACE VOA SOM01.0

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



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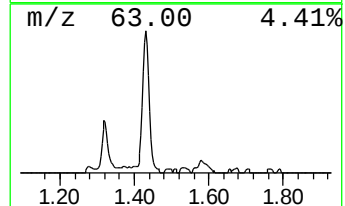
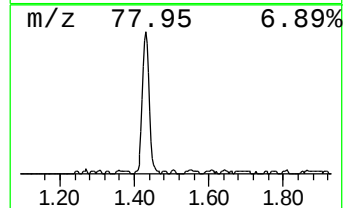
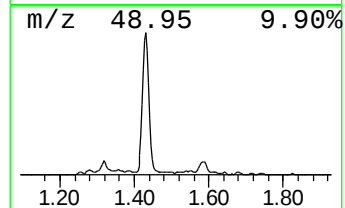
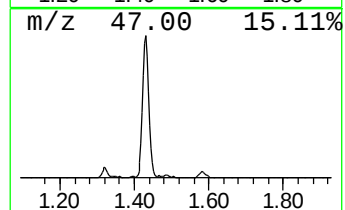
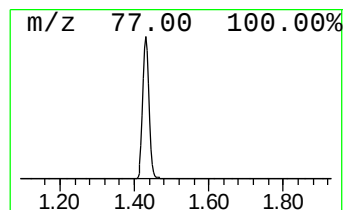
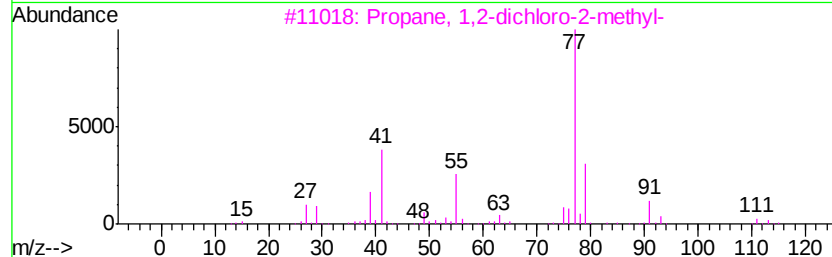
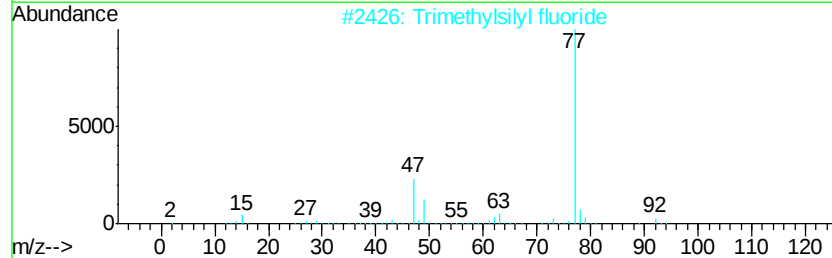
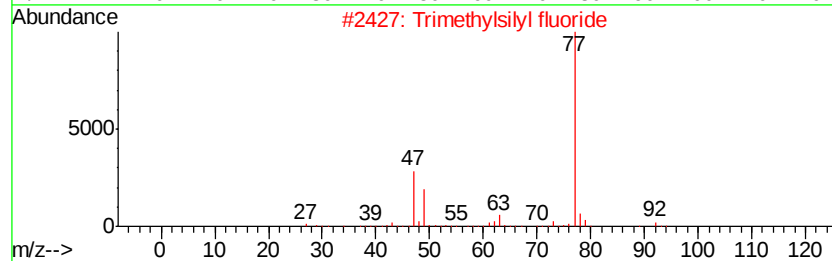
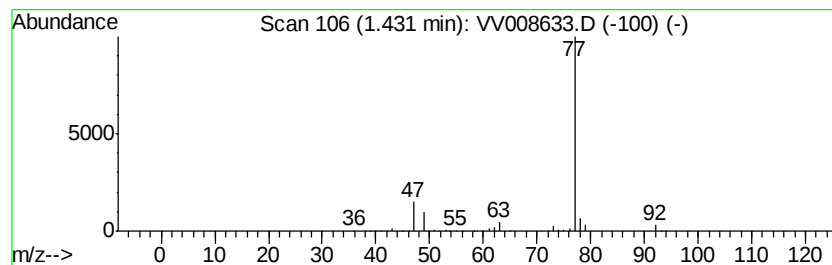
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Trimethylsilyl fluoride Concentration Rank 1

| R.T. | EstConc   | Area   | Relative to ISTD    | R.T. |
|------|-----------|--------|---------------------|------|
| 1.43 | 3.73 ug/L | 226058 | 1,4-Difluorobenzene | 5.67 |

| Hit# | of | 5 | Tentative ID                    | MW  | MolForm   | CAS#        | Qual |
|------|----|---|---------------------------------|-----|-----------|-------------|------|
| 1    |    |   | Trimethylsilyl fluoride         | 92  | C3H9FSi   | 000420-56-4 | 91   |
| 2    |    |   | Trimethylsilyl fluoride         | 92  | C3H9FSi   | 000420-56-4 | 49   |
| 3    |    |   | Propane, 1,2-dichloro-2-methyl- | 126 | C4H8Cl2   | 000594-37-6 | 39   |
| 4    |    |   | Trimethylphosphine oxide        | 92  | C3H9OP    | 000676-96-0 | 4    |
| 5    |    |   | Propane, 2-chloro-2-nitro-      | 123 | C3H6ClNO2 | 000594-71-8 | 4    |



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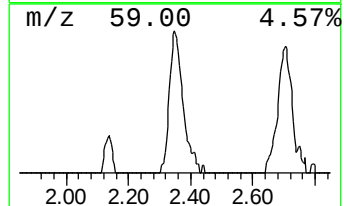
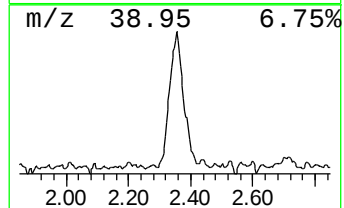
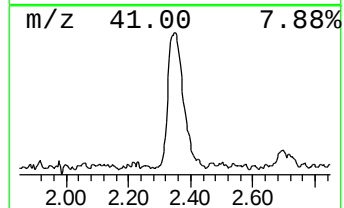
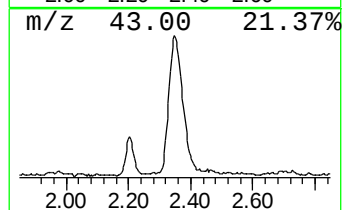
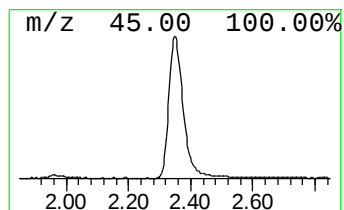
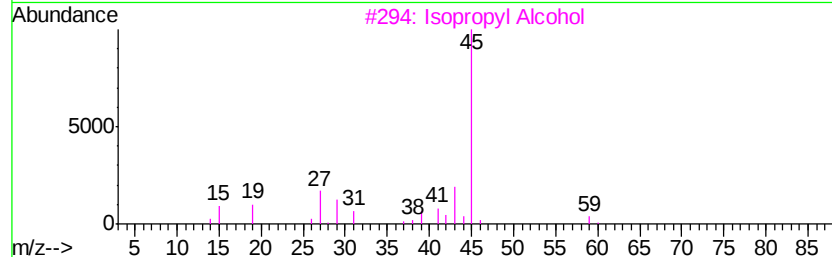
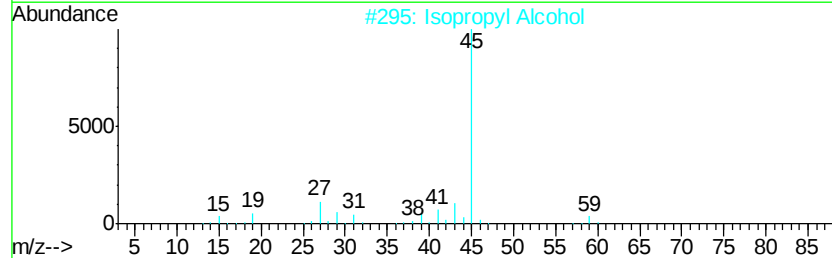
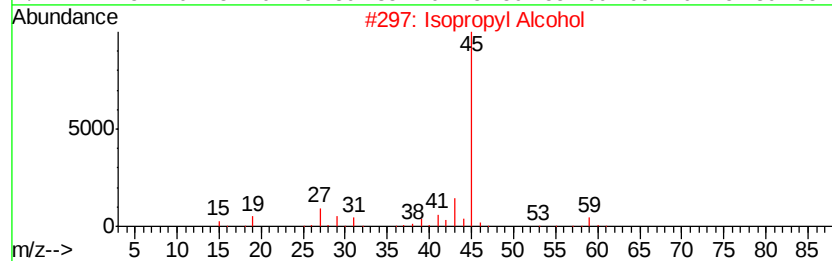
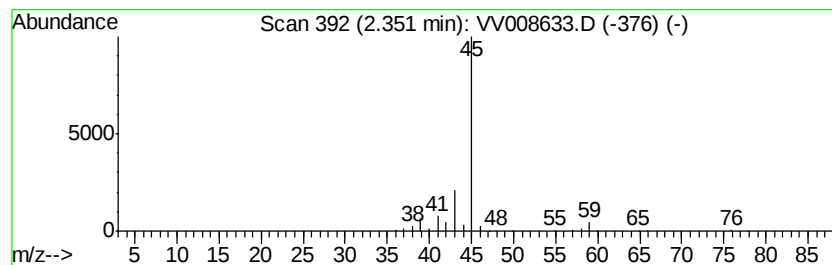
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Quant Title : TRACE VOA SOM01.0

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TIC Integration Parameters: LSCINT.P

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Peak Number 2 Isopropyl Alcohol Concentration Rank 2

| R.T. | EstConc   | Area   | Relative to ISTD    | R.T. |
|------|-----------|--------|---------------------|------|
| 2.35 | 3.56 ug/L | 215812 | 1,4-Difluorobenzene | 5.67 |

| Hit# | of | 5 | Tentative ID       | MW | MolForm | CAS#        | Qual |
|------|----|---|--------------------|----|---------|-------------|------|
| 1    |    |   | Isopropyl Alcohol  | 60 | C3H8O   | 000067-63-0 | 86   |
| 2    |    |   | Isopropyl Alcohol  | 60 | C3H8O   | 000067-63-0 | 78   |
| 3    |    |   | Isopropyl Alcohol  | 60 | C3H8O   | 000067-63-0 | 78   |
| 4    |    |   | Propane, 2-ethoxy- | 88 | C5H12O  | 000625-54-7 | 56   |
| 5    |    |   | Propane, 2-ethoxy- | 88 | C5H12O  | 000625-54-7 | 56   |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| Trimethylsilyl fl... | 1.43 | 3.7     | ug/L  | 226058   | 1                     | 5.67 | 303392 | 5.0  |
| Isopropyl Alcohol    | 2.35 | 3.6     | ug/L  | 215812   | 1                     | 5.67 | 303392 | 5.0  |