

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050620\  
 Data File : VV015919.D  
 Acq On : 06 May 2020 18:50  
 Operator : SY/MD  
 Sample : L2527-08  
 Misc : 25.0mL/MSVOA V/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BFSJ5

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\SOMVTR050520WMA.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       | 3             | 7           | 17           | rVB      | 54754          | 49996         | 9.43%           | 0.897%        |
| 2         | 1.315       | 61            | 70          | 82           | rVB      | 72645          | 80741         | 15.23%          | 1.449%        |
| 3         | 1.579       | 144           | 152         | 162          | rBV      | 65407          | 74919         | 14.13%          | 1.344%        |
| 4         | 2.122       | 310           | 321         | 339          | rVB      | 119891         | 179476        | 33.85%          | 3.221%        |
| 5         | 2.437       | 406           | 419         | 423          | rBV5     | 2465           | 5455          | 1.03%           | 0.098%        |
| 6         | 2.781       | 514           | 526         | 540          | rVB4     | 7632           | 16246         | 3.06%           | 0.292%        |
| 7         | 3.061       | 600           | 613         | 630          | rBV3     | 9278           | 19851         | 3.74%           | 0.356%        |
| 8         | 3.791       | 825           | 840         | 859          | rVB4     | 9135           | 23520         | 4.44%           | 0.422%        |
| 9         | 3.936       | 869           | 885         | 923          | rBV2     | 65625          | 296510        | 55.93%          | 5.321%        |
| 10        | 4.106       | 927           | 938         | 969          | rVB3     | 60121          | 174643        | 32.94%          | 3.134%        |
| 11        | 4.379       | 1006          | 1023        | 1054         | rBV2     | 103754         | 291415        | 54.97%          | 5.230%        |
| 12        | 4.704       | 1111          | 1124        | 1140         | rVB5     | 7729           | 20644         | 3.89%           | 0.370%        |
| 13        | 5.074       | 1218          | 1239        | 1263         | rBV2     | 210690         | 528771        | 99.74%          | 9.489%        |
| 14        | 5.643       | 1403          | 1416        | 1444         | rBV      | 197947         | 402565        | 75.94%          | 7.224%        |
| 15        | 5.942       | 1496          | 1509        | 1529         | rBV3     | 51924          | 107797        | 20.33%          | 1.934%        |
| 16        | 6.096       | 1542          | 1557        | 1581         | rBV2     | 125853         | 260093        | 49.06%          | 4.667%        |
| 17        | 6.492       | 1667          | 1680        | 1712         | rBV      | 63574          | 134843        | 25.44%          | 2.420%        |
| 18        | 7.010       | 1830          | 1841        | 1860         | rBV      | 59744          | 108483        | 20.46%          | 1.947%        |
| 19        | 7.338       | 1931          | 1943        | 1965         | rBV      | 262272         | 456166        | 86.05%          | 8.186%        |
| 20        | 7.646       | 2027          | 2039        | 2058         | rBV2     | 35014          | 63469         | 11.97%          | 1.139%        |
| 21        | 7.961       | 2120          | 2137        | 2140         | rBV2     | 13680          | 21504         | 4.06%           | 0.386%        |
| 22        | 7.997       | 2141          | 2148        | 2162         | rVB2     | 55709          | 96103         | 18.13%          | 1.725%        |
| 23        | 8.112       | 2174          | 2184        | 2218         | rBV      | 267947         | 530139        | 100.00%         | 9.514%        |
| 24        | 8.874       | 2409          | 2421        | 2445         | rBV      | 307229         | 501439        | 94.59%          | 8.999%        |
| 25        | 10.238      | 2831          | 2845        | 2860         | rBV      | 85476          | 134762        | 25.42%          | 2.418%        |
| 26        | 10.402      | 2886          | 2896        | 2908         | rVB3     | 23132          | 37043         | 6.99%           | 0.665%        |
| 27        | 11.273      | 3155          | 3167        | 3188         | rBV      | 306906         | 478286        | 90.22%          | 8.583%        |
| 28        | 11.559      | 3246          | 3256        | 3272         | rBV4     | 11142          | 25262         | 4.77%           | 0.453%        |
| 29        | 11.649      | 3272          | 3284        | 3302         | rVB      | 257670         | 405155        | 76.42%          | 7.271%        |
| 30        | 12.273      | 3466          | 3478        | 3489         | rBV      | 9213           | 14529         | 2.74%           | 0.261%        |
| 31        | 16.736      | 4857          | 4866        | 4880         | rBV      | 21455          | 32610         | 6.15%           | 0.585%        |

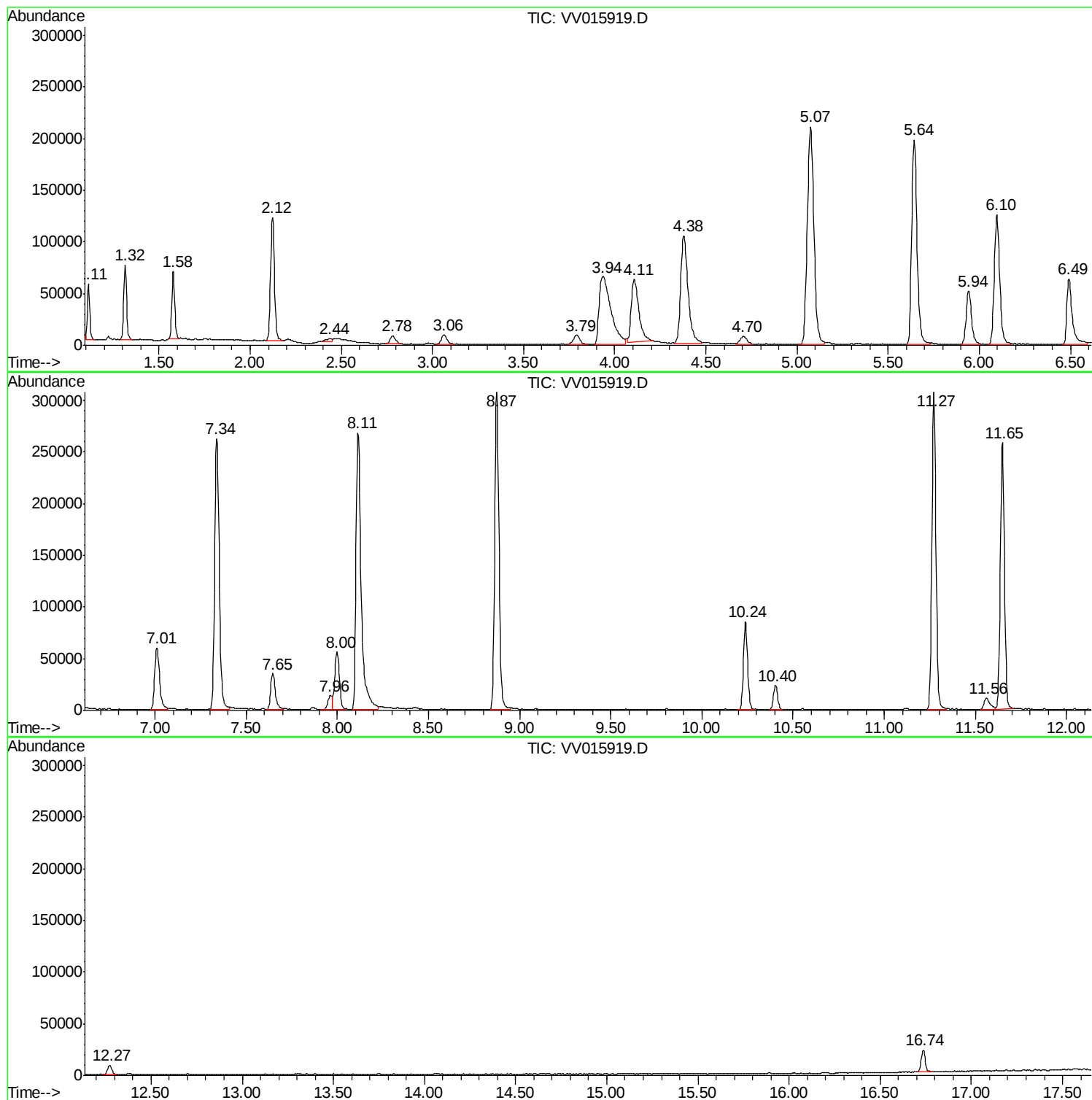
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MSVOA\_V  
ClientSampleId :  
BFSJ5

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR050520WMA.M  
Quant Title : TRACE VOA SOM01.0

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



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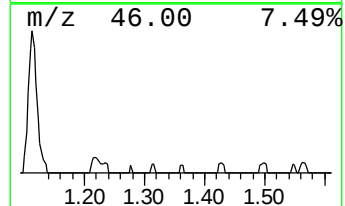
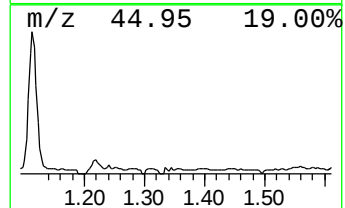
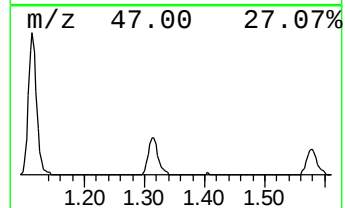
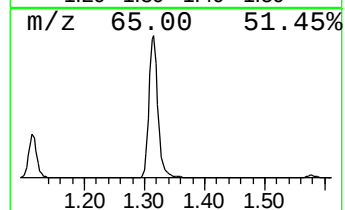
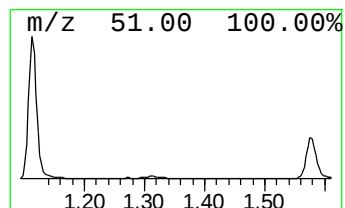
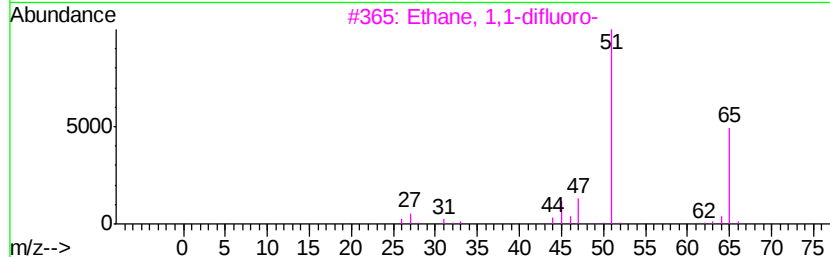
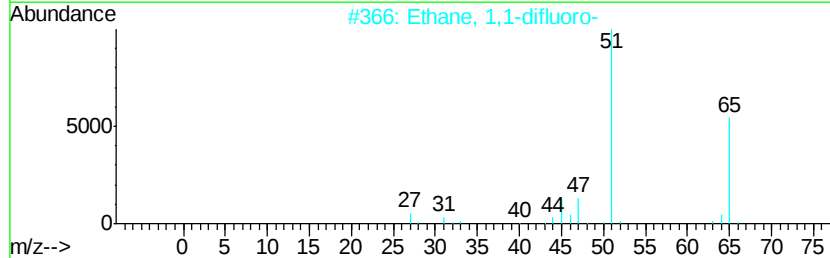
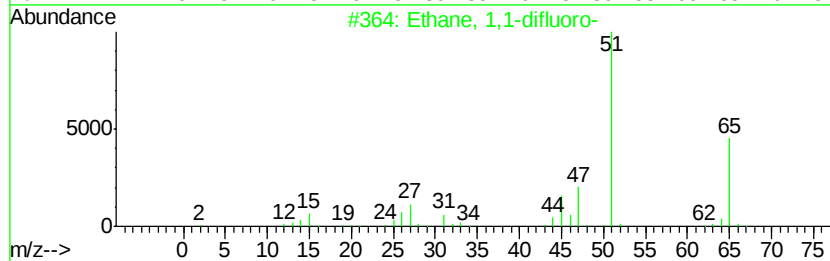
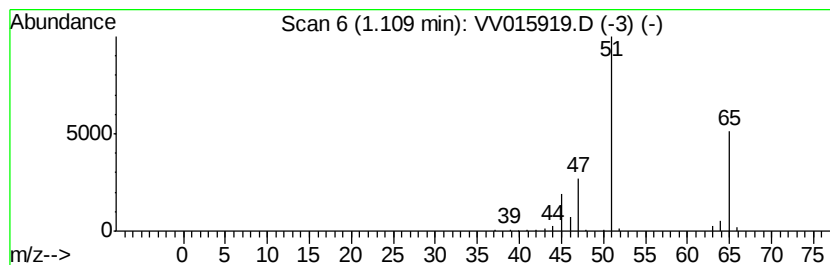
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Quant Title : TRACE VOA SOM01.0

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

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Peak Number 1 Ethane, 1,1-difluoro- Concentration Rank 4

| R.T. | EstConc   | Area  | Relative to ISTD    | R.T. |
|------|-----------|-------|---------------------|------|
| 1.11 | 0.62 ug/L | 49996 | 1,4-Difluorobenzene | 5.64 |

| Hit# | of | 5 | Tentative ID           | MW | MolForm | CAS#        | Qual |
|------|----|---|------------------------|----|---------|-------------|------|
| 1    |    |   | Ethane, 1,1-difluoro-  | 66 | C2H4F2  | 000075-37-6 | 91   |
| 2    |    |   | Ethane, 1,1-difluoro-  | 66 | C2H4F2  | 000075-37-6 | 90   |
| 3    |    |   | Ethane, 1,1-difluoro-  | 66 | C2H4F2  | 000075-37-6 | 90   |
| 4    |    |   | Propane, 2,2-difluoro- | 80 | C3H6F2  | 000420-45-1 | 4    |
| 5    |    |   | Propiolonitrile        | 51 | C3HN    | 001070-71-9 | 3    |



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Quant Title : TRACE VOA SOM01.0

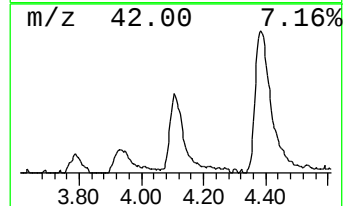
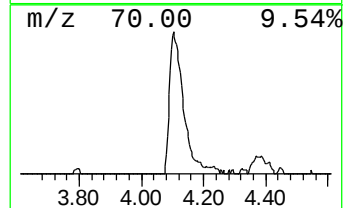
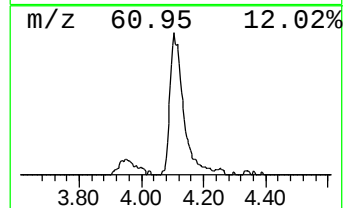
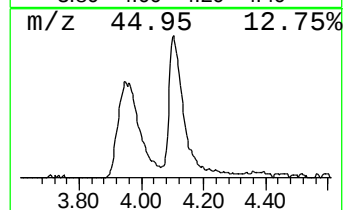
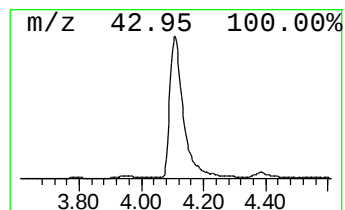
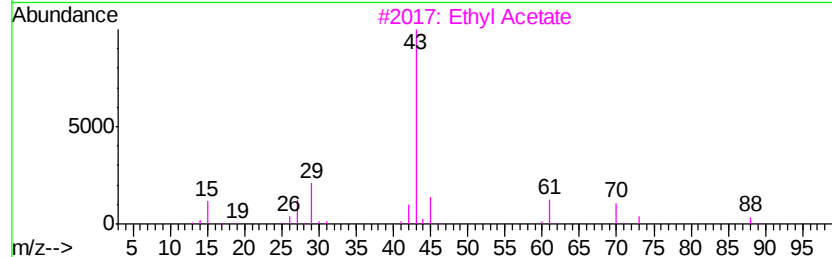
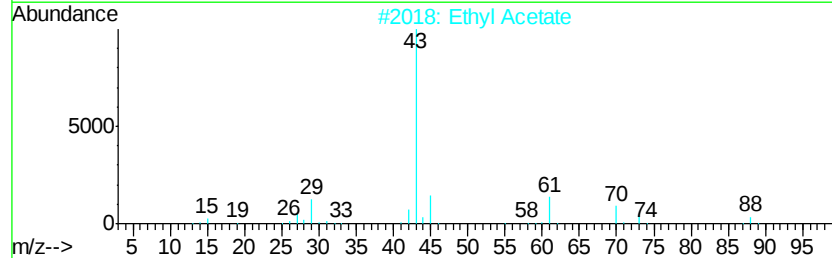
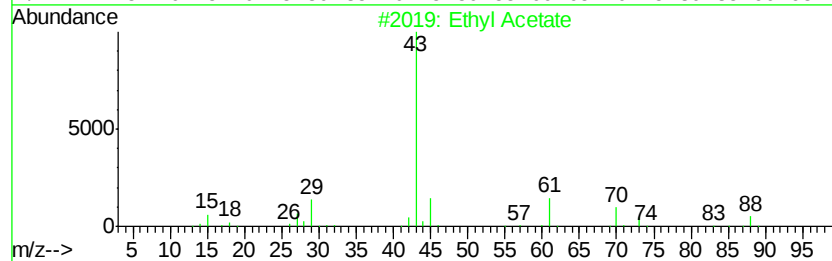
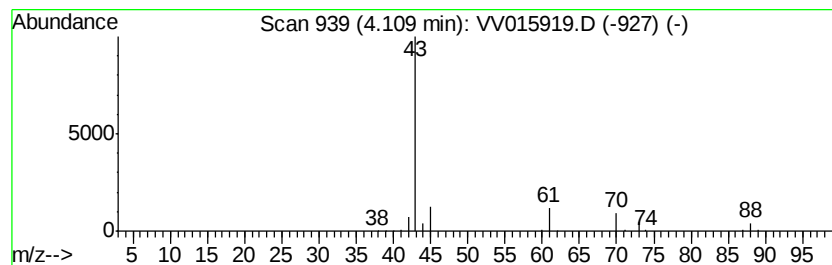
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 Ethyl Acetate Concentration Rank 1

| R.T. | EstConc   | Area   | Relative to ISTD    | R.T. |
|------|-----------|--------|---------------------|------|
| 4.11 | 2.17 ug/L | 174643 | 1,4-Difluorobenzene | 5.64 |

| Hit# | of | Tentative ID    | MW | MolForm | CAS#        | Qual |
|------|----|-----------------|----|---------|-------------|------|
| 1    | 5  | Ethyl Acetate   | 88 | C4H8O2  | 000141-78-6 | 90   |
| 2    |    | Ethyl Acetate   | 88 | C4H8O2  | 000141-78-6 | 86   |
| 3    |    | Ethyl Acetate   | 88 | C4H8O2  | 000141-78-6 | 86   |
| 4    |    | Ethyl Acetate   | 88 | C4H8O2  | 000141-78-6 | 78   |
| 5    |    | CH3C(O)CH2CH2OH | 88 | C4H8O2  | 000590-90-9 | 53   |



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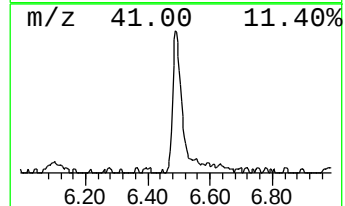
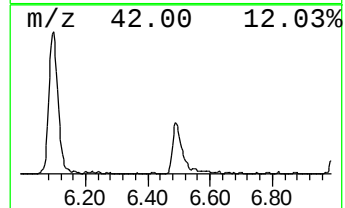
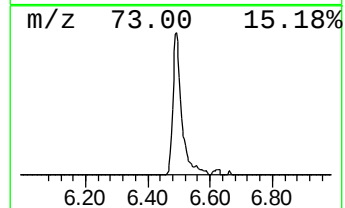
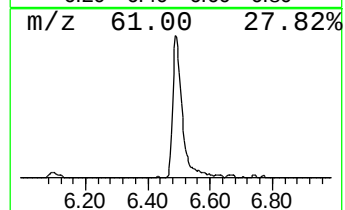
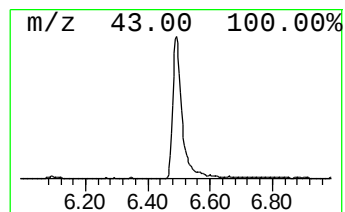
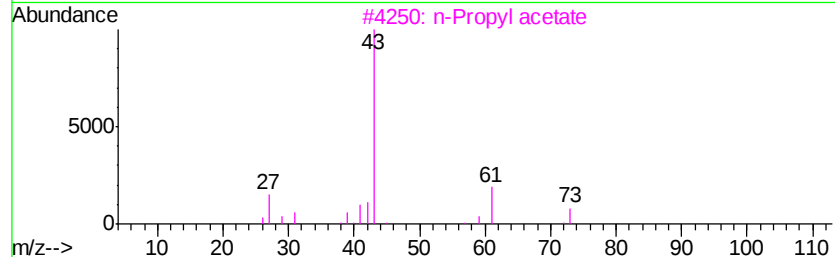
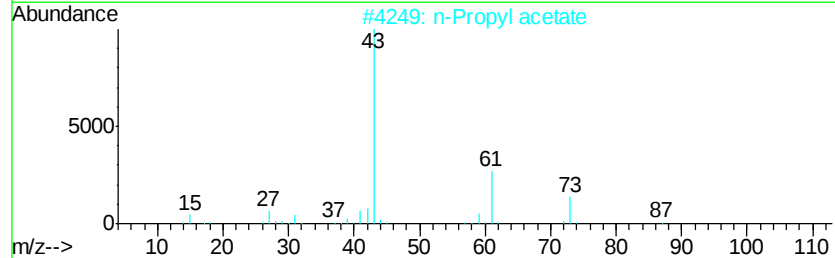
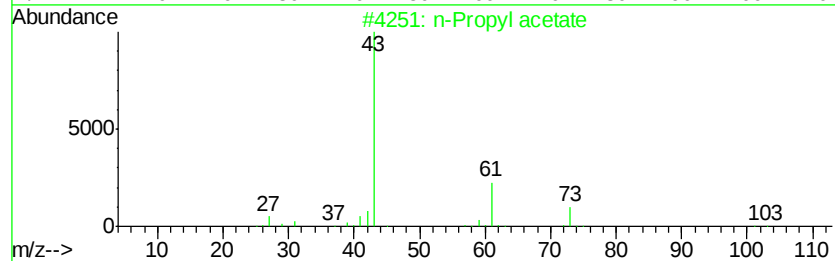
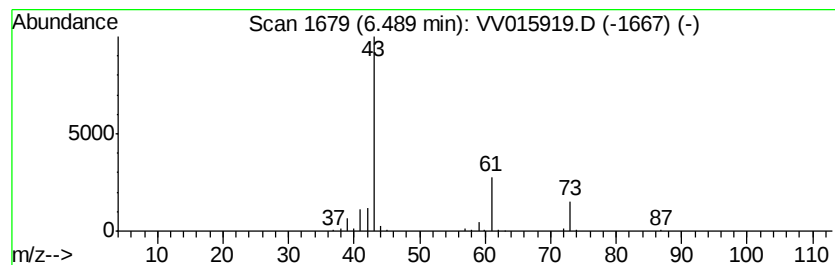
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Quant Title : TRACE VOA SOM01.0

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

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Peak Number 3 n-Propyl acetate Concentration Rank 2

| R.T. | EstConc   | Area   | Relative to ISTD    | R.T. |
|------|-----------|--------|---------------------|------|
| 6.49 | 1.67 ug/L | 134843 | 1,4-Difluorobenzene | 5.64 |

| Hit# | of | Tentative ID      | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------|-----|---------|-------------|------|
| 1    | 5  | n-Propyl acetate  | 102 | C5H10O2 | 000109-60-4 | 83   |
| 2    |    | n-Propyl acetate  | 102 | C5H10O2 | 000109-60-4 | 78   |
| 3    |    | n-Propyl acetate  | 102 | C5H10O2 | 000109-60-4 | 64   |
| 4    |    | Isopropyl acetate | 102 | C5H10O2 | 000108-21-4 | 36   |
| 5    |    | Isopropyl acetate | 102 | C5H10O2 | 000108-21-4 | 33   |



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TIC Library : C:\DATABASE\NIST11.L  
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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| Ethane, 1,1-diflu... | 1.11 | 0.6     | ug/L  | 49996    | 1                     | 5.64 | 402565 | 5.0  |
| Ethyl Acetate        | 4.11 | 2.2     | ug/L  | 174643   | 1                     | 5.64 | 402565 | 5.0  |
| n-Propyl acetate     | 6.49 | 1.7     | ug/L  | 134843   | 1                     | 5.64 | 402565 | 5.0  |