

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050620\  
 Data File : VV015920.D  
 Acq On : 06 May 2020 19:14  
 Operator : SY/MD  
 Sample : L2527-09  
 Misc : 25.0mL/MSVOA V/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BFSJ6

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           | 23           | rVB      | 66029          | 62456         | 11.83%          | 1.144%        |
| 2         | 1.312       | 61            | 69          | 84           | rVB      | 70132          | 79559         | 15.07%          | 1.458%        |
| 3         | 1.576       | 144           | 151         | 165          | rBV      | 61652          | 72610         | 13.75%          | 1.330%        |
| 4         | 2.123       | 310           | 321         | 338          | rVB      | 118463         | 173300        | 32.82%          | 3.176%        |
| 5         | 2.415       | 391           | 412         | 413          | rBV4     | 2477           | 5888          | 1.12%           | 0.108%        |
| 6         | 2.785       | 514           | 527         | 544          | rVB5     | 11860          | 26390         | 5.00%           | 0.484%        |
| 7         | 3.061       | 601           | 613         | 628          | rBV3     | 13084          | 26535         | 5.03%           | 0.486%        |
| 8         | 3.791       | 824           | 840         | 860          | rVB3     | 9979           | 25168         | 4.77%           | 0.461%        |
| 9         | 3.933       | 867           | 884         | 914          | rBV2     | 65847          | 274827        | 52.04%          | 5.036%        |
| 10        | 4.106       | 927           | 938         | 967          | rVB2     | 52475          | 145413        | 27.54%          | 2.665%        |
| 11        | 4.380       | 1005          | 1023        | 1049         | rBV2     | 97789          | 274282        | 51.94%          | 5.026%        |
| 12        | 4.701       | 1111          | 1123        | 1125         | rBV5     | 8352           | 12135         | 2.30%           | 0.222%        |
| 13        | 5.074       | 1222          | 1239        | 1265         | rBV2     | 211865         | 522652        | 98.98%          | 9.577%        |
| 14        | 5.643       | 1403          | 1416        | 1441         | rBV      | 188736         | 381055        | 72.16%          | 6.982%        |
| 15        | 5.942       | 1495          | 1509        | 1526         | rVB6     | 13907          | 31963         | 6.05%           | 0.586%        |
| 16        | 6.097       | 1542          | 1557        | 1580         | rBV2     | 122858         | 253708        | 48.05%          | 4.649%        |
| 17        | 6.492       | 1670          | 1680        | 1707         | rBV      | 44452          | 94323         | 17.86%          | 1.728%        |
| 18        | 7.010       | 1830          | 1841        | 1862         | rBV      | 58486          | 108663        | 20.58%          | 1.991%        |
| 19        | 7.338       | 1931          | 1943        | 1962         | rBV      | 254805         | 445036        | 84.28%          | 8.155%        |
| 20        | 7.646       | 2028          | 2039        | 2059         | rBV2     | 34849          | 63088         | 11.95%          | 1.156%        |
| 21        | 7.997       | 2127          | 2148        | 2165         | rBV2     | 168678         | 302267        | 57.24%          | 5.539%        |
| 22        | 8.113       | 2173          | 2184        | 2223         | rBV      | 266850         | 528059        | 100.00%         | 9.676%        |
| 23        | 8.875       | 2409          | 2421        | 2441         | rBV      | 293469         | 478183        | 90.55%          | 8.762%        |
| 24        | 10.238      | 2832          | 2845        | 2860         | rBV      | 82515          | 131181        | 24.84%          | 2.404%        |
| 25        | 10.402      | 2887          | 2896        | 2909         | rVB3     | 16501          | 26352         | 4.99%           | 0.483%        |
| 26        | 11.270      | 3154          | 3166        | 3183         | rBV      | 297044         | 458747        | 86.87%          | 8.406%        |
| 27        | 11.560      | 3245          | 3256        | 3268         | rBV4     | 5654           | 11360         | 2.15%           | 0.208%        |
| 28        | 11.650      | 3271          | 3284        | 3298         | rVV      | 250526         | 396396        | 75.07%          | 7.264%        |
| 29        | 12.277      | 3468          | 3479        | 3489         | rVB2     | 6019           | 9988          | 1.89%           | 0.183%        |
| 30        | 16.736      | 4855          | 4866        | 4877         | rBV3     | 23096          | 35782         | 6.78%           | 0.656%        |

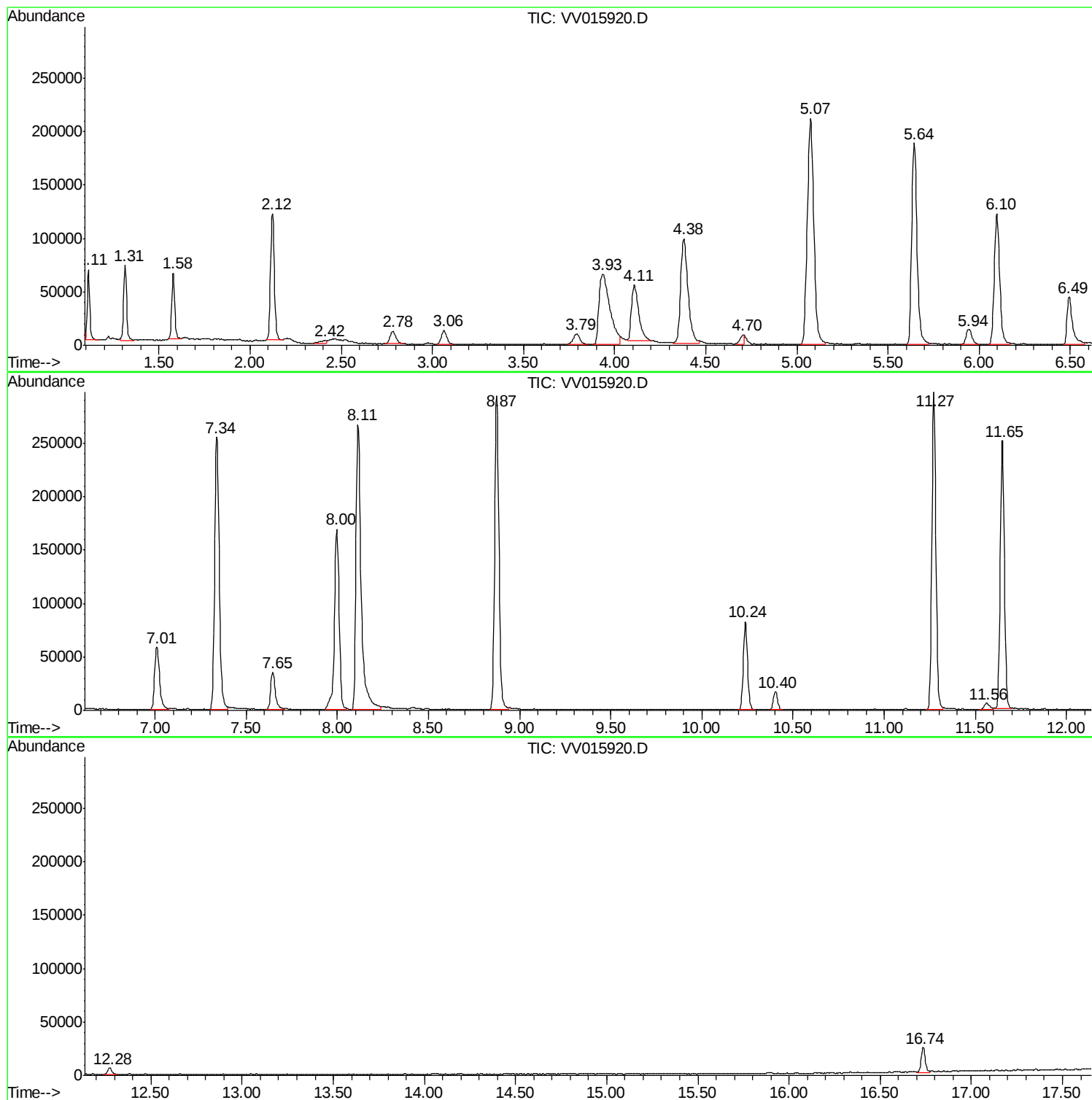
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MSVOA\_V  
ClientSampleId :  
BFSJ6

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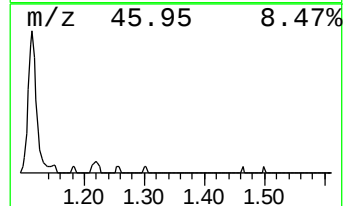
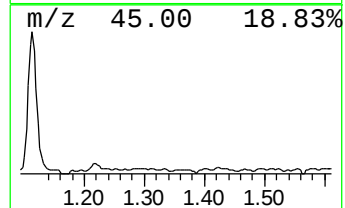
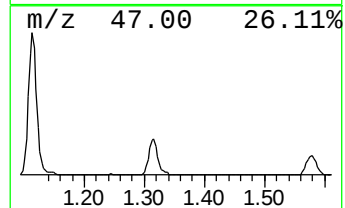
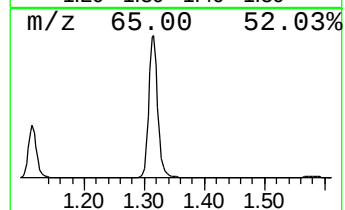
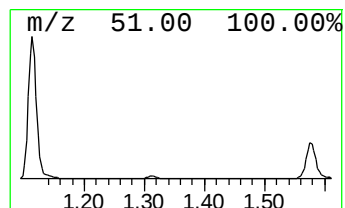
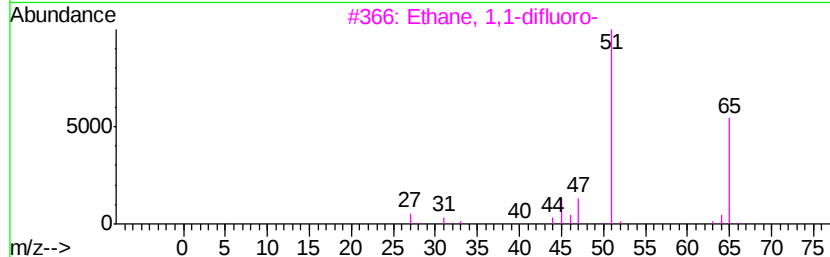
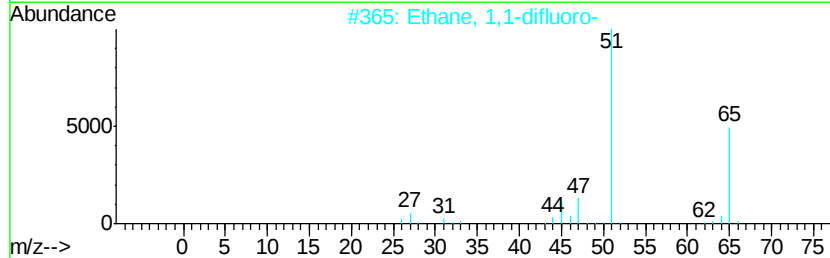
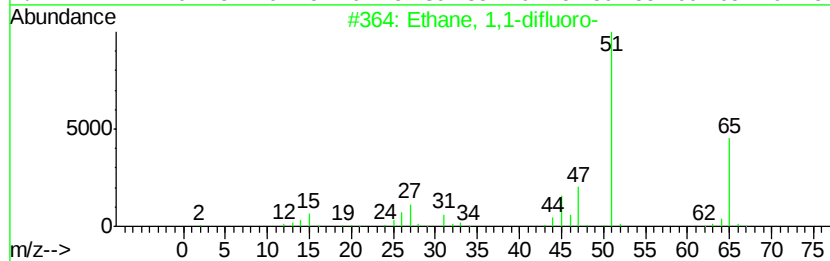
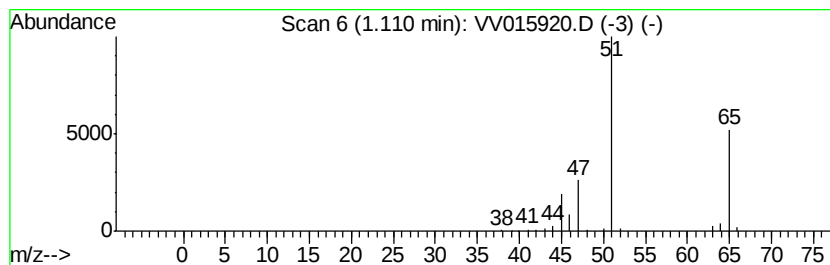
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR050520WMA.M  
Quant Title : TRACE VOA SOM01.0

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

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

| R.T. | EstConc   | Area  | Relative to ISTD    | R.T. |
|------|-----------|-------|---------------------|------|
| 1.11 | 0.82 ug/L | 62456 | 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 | 83   |
| 4    |    |   | Propiolonitrile        | 51 | C3HN    | 001070-71-9 | 3    |
| 5    |    |   | Propane, 2,2-difluoro- | 80 | C3H6F2  | 000420-45-1 | 2    |



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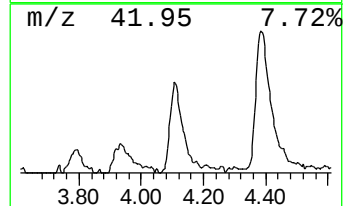
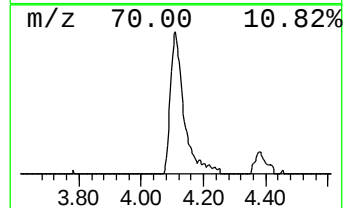
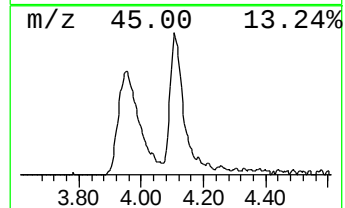
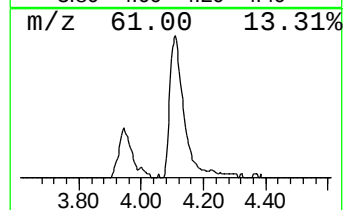
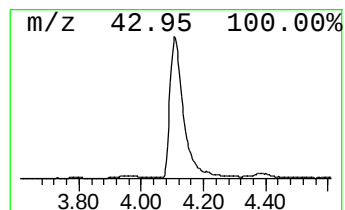
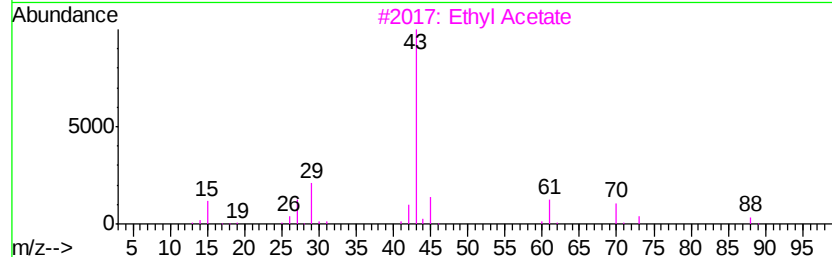
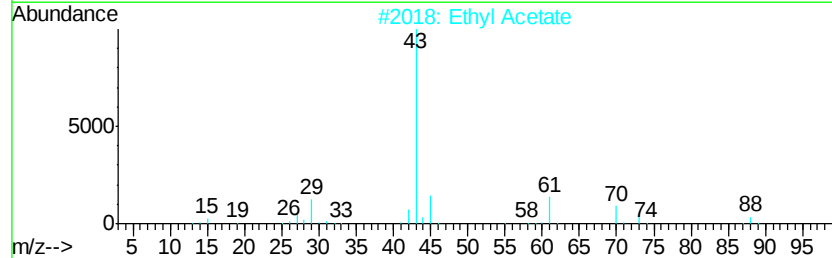
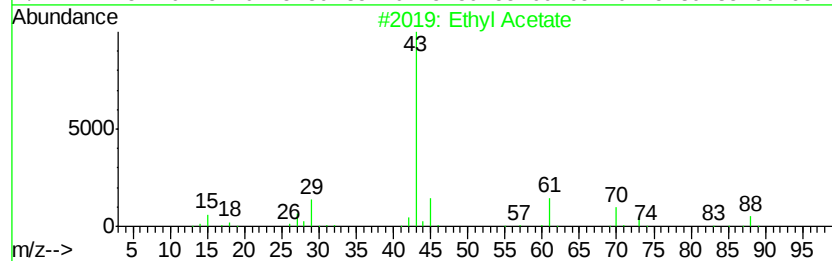
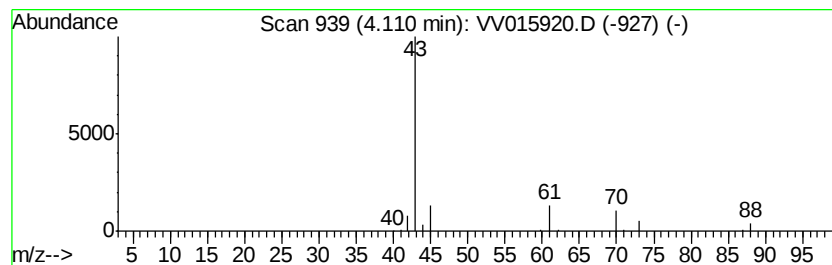
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 Ethyl Acetate Concentration Rank 1

| R.T. | EstConc   | Area   | Relative to ISTD    | R.T. |
|------|-----------|--------|---------------------|------|
| 4.11 | 1.91 ug/L | 145413 | 1,4-Difluorobenzene | 5.64 |

| Hit# of | 5               | Tentative ID | MW | MolForm | CAS#        | Qual |
|---------|-----------------|--------------|----|---------|-------------|------|
| 1       | 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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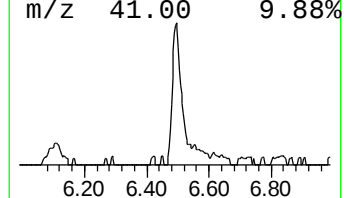
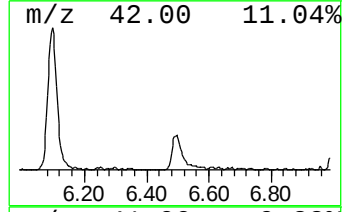
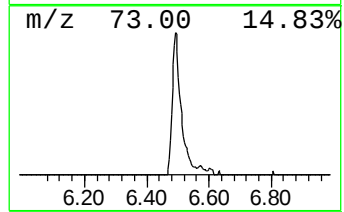
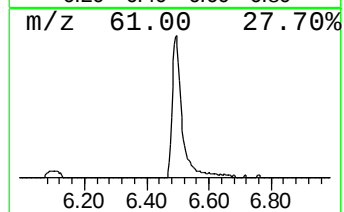
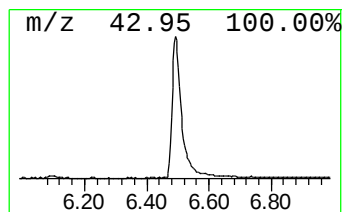
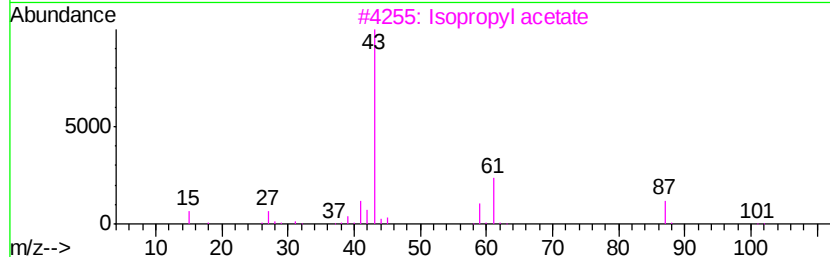
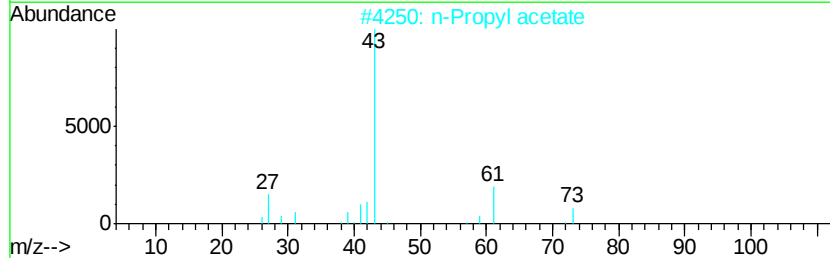
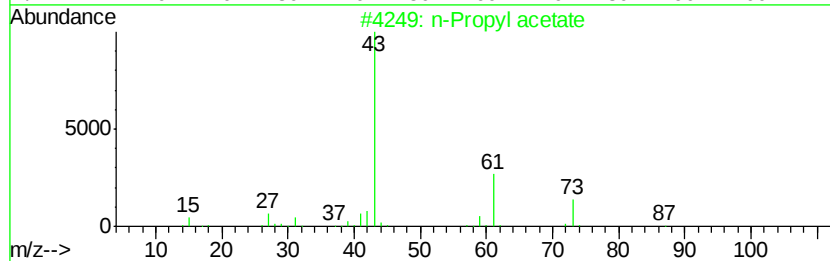
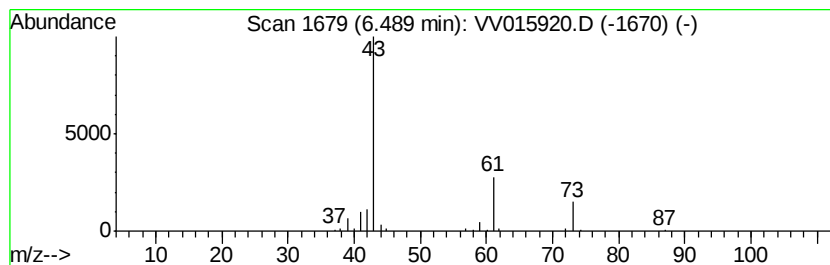
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Quant Title : TRACE VOA SOM01.0

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

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Peak Number 3 n-Propyl acetate Concentration Rank 3

| R.T. | EstConc   | Area  | Relative to ISTD    | R.T. |
|------|-----------|-------|---------------------|------|
| 6.49 | 1.24 ug/L | 94323 | 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 | 72   |
| 3    |    | Isopropyl acetate | 102 | C5H10O2 | 000108-21-4 | 38   |
| 4    |    | n-Propyl acetate  | 102 | C5H10O2 | 000109-60-4 | 38   |
| 5    |    | Isopropyl acetate | 102 | C5H10O2 | 000108-21-4 | 36   |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| Ethane, 1,1-diflu... | 1.11 | 0.8     | ug/L  | 62456    | 1                     | 5.64 | 381055 | 5.0  |
| Ethyl Acetate        | 4.11 | 1.9     | ug/L  | 145413   | 1                     | 5.64 | 381055 | 5.0  |
| n-Propyl acetate     | 6.49 | 1.2     | ug/L  | 94323    | 1                     | 5.64 | 381055 | 5.0  |