

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062520\  
 Data File : VV017133.D  
 Acq On : 25 Jun 2020 17:35  
 Operator : SY/MD  
 Sample : L3106-03  
 Misc : 25.0mL/MSVOA V/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BFXM5

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\SOMVTR061720WMA.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           | 20           | rVB      | 169146         | 161314        | 14.21%          | 2.079%        |
| 2         | 1.315       | 61            | 70          | 81           | rVB2     | 94961          | 115286        | 10.15%          | 1.485%        |
| 3         | 1.579       | 144           | 152         | 160          | rBV      | 72253          | 81686         | 7.19%           | 1.053%        |
| 4         | 2.126       | 309           | 322         | 336          | rBV2     | 155903         | 248413        | 21.88%          | 3.201%        |
| 5         | 2.778       | 516           | 525         | 537          | rBV4     | 13326          | 26505         | 2.33%           | 0.342%        |
| 6         | 3.213       | 647           | 660         | 679          | rVB2     | 143173         | 304875        | 26.85%          | 3.928%        |
| 7         | 3.939       | 868           | 886         | 913          | rBV3     | 256719         | 720488        | 63.46%          | 9.283%        |
| 8         | 4.106       | 923           | 938         | 966          | rVB      | 422858         | 1135426       | 100.00%         | 14.630%       |
| 9         | 4.380       | 1003          | 1023        | 1048         | rBV3     | 130567         | 420962        | 37.08%          | 5.424%        |
| 10        | 4.634       | 1084          | 1102        | 1115         | rBV4     | 42557          | 111681        | 9.84%           | 1.439%        |
| 11        | 4.701       | 1117          | 1123        | 1139         | rVB6     | 16682          | 36848         | 3.25%           | 0.475%        |
| 12        | 5.074       | 1223          | 1239        | 1257         | rBV2     | 247069         | 599321        | 52.78%          | 7.722%        |
| 13        | 5.161       | 1260          | 1266        | 1279         | rVB2     | 12970          | 25160         | 2.22%           | 0.324%        |
| 14        | 5.643       | 1402          | 1416        | 1436         | rBV      | 208253         | 418275        | 36.84%          | 5.389%        |
| 15        | 5.939       | 1496          | 1508        | 1522         | rBV3     | 40434          | 81807         | 7.20%           | 1.054%        |
| 16        | 6.097       | 1542          | 1557        | 1575         | rBV      | 137624         | 281933        | 24.83%          | 3.633%        |
| 17        | 7.010       | 1830          | 1841        | 1858         | rBV2     | 70821          | 127345        | 11.22%          | 1.641%        |
| 18        | 7.338       | 1930          | 1943        | 1960         | rBV      | 290661         | 498274        | 43.88%          | 6.420%        |
| 19        | 7.643       | 2028          | 2038        | 2051         | rBV      | 44756          | 77761         | 6.85%           | 1.002%        |
| 20        | 7.862       | 2093          | 2106        | 2126         | rVB3     | 37413          | 73465         | 6.47%           | 0.947%        |
| 21        | 8.109       | 2170          | 2183        | 2202         | rBV      | 274534         | 488600        | 43.03%          | 6.296%        |
| 22        | 8.325       | 2240          | 2250        | 2263         | rBV      | 22533          | 37791         | 3.33%           | 0.487%        |
| 23        | 8.412       | 2265          | 2277        | 2283         | rBV10    | 7098           | 14912         | 1.31%           | 0.192%        |
| 24        | 8.875       | 2409          | 2421        | 2440         | rBV      | 313080         | 519136        | 45.72%          | 6.689%        |
| 25        | 10.238      | 2828          | 2845        | 2860         | rBV      | 98077          | 156692        | 13.80%          | 2.019%        |
| 26        | 11.270      | 3156          | 3166        | 3184         | rBV      | 310155         | 474976        | 41.83%          | 6.120%        |
| 27        | 11.646      | 3271          | 3283        | 3299         | rBV      | 289330         | 456903        | 40.24%          | 5.887%        |
| 28        | 16.736      | 4857          | 4866        | 4879         | rBV      | 41450          | 65145         | 5.74%           | 0.839%        |

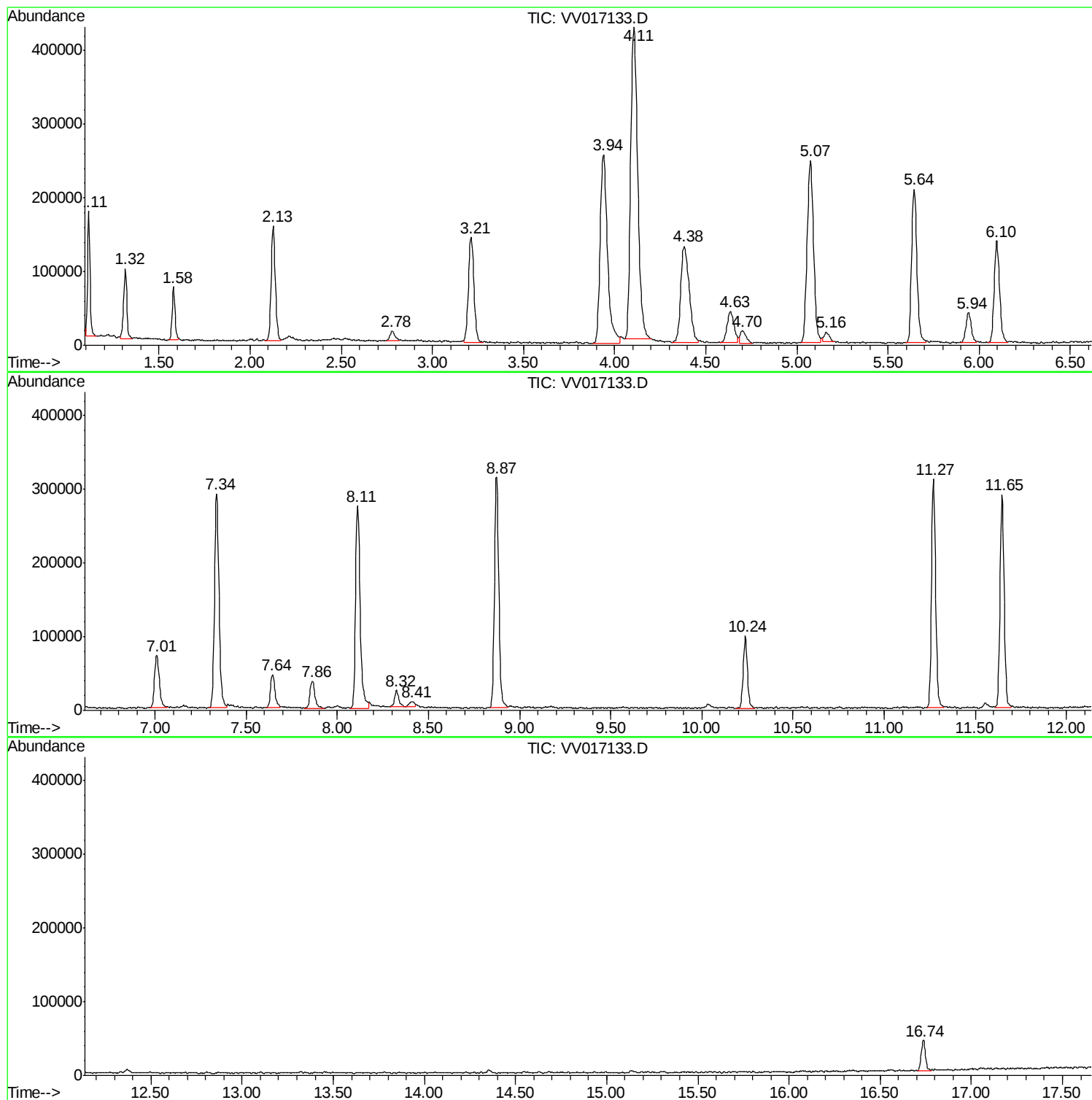
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ALS Vial : 16 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampled :  
BFXM5

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR061720WMA.M  
Quant Title : TRACE VOA SOM01.0

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



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BFXM5

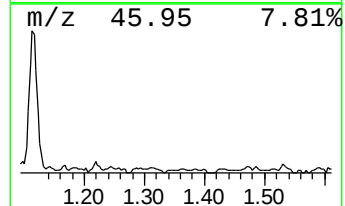
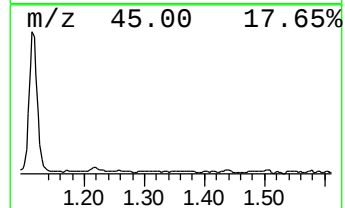
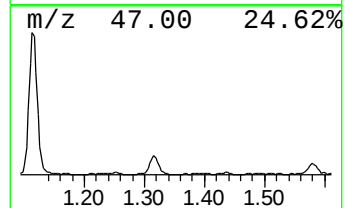
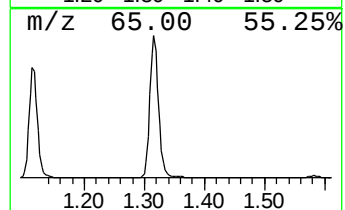
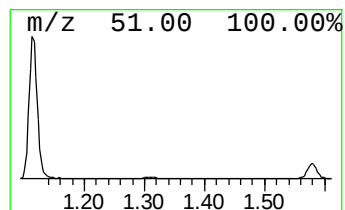
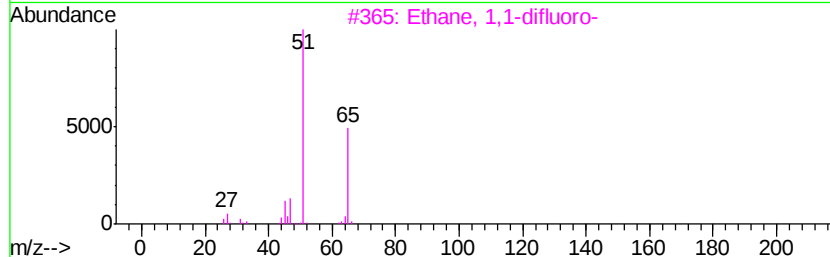
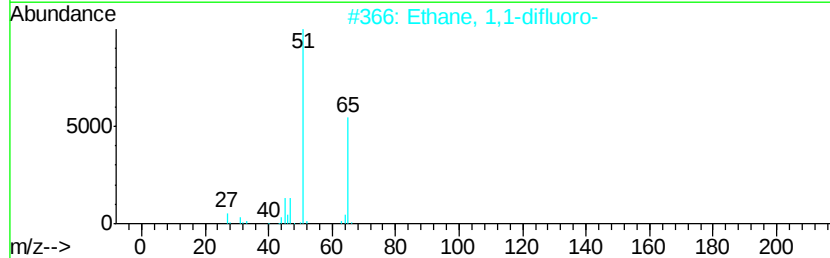
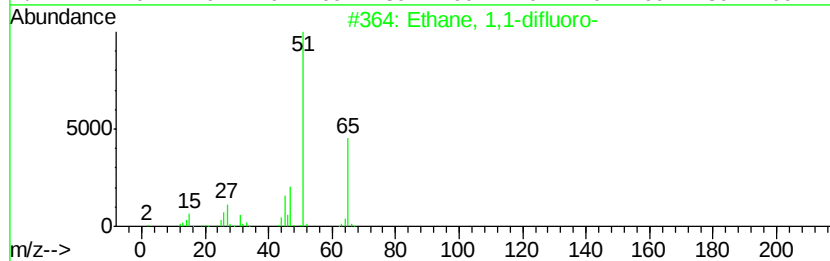
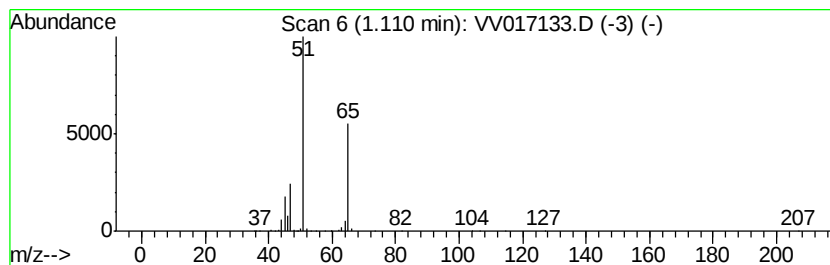
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR061720WMA.M  
Quant Title : TRACE VOA SOM01.0

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

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Peak Number 1 Ethane, 1,1-difluoro- Concentration Rank 2

| R.T. | EstConc   | Area   | Relative to ISTD    | R.T. |
|------|-----------|--------|---------------------|------|
| 1.11 | 1.93 ug/L | 161314 | 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 | 91   |
| 3    |    |   | Ethane, 1,1-difluoro-  | 66 | C2H4F2  | 000075-37-6 | 90   |
| 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  
ClientSampleId :  
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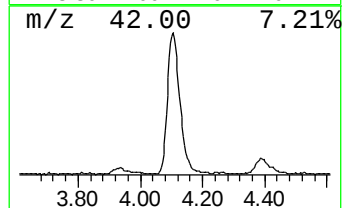
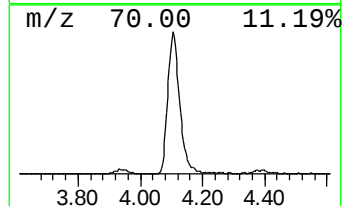
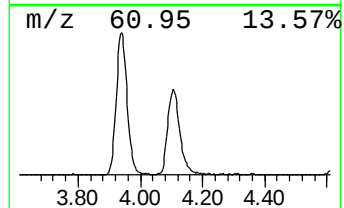
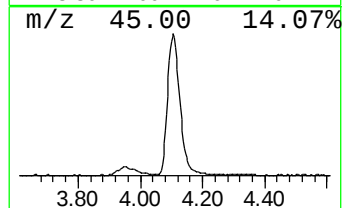
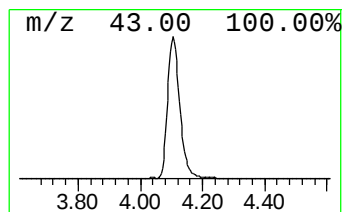
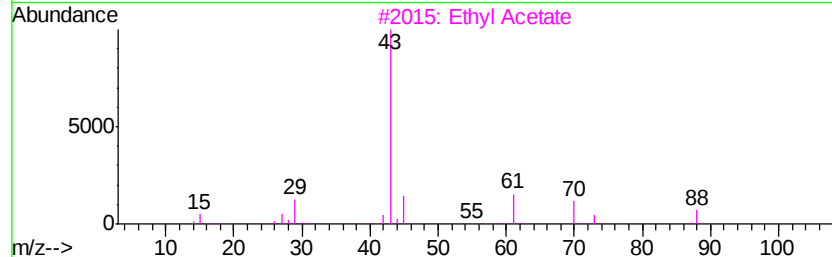
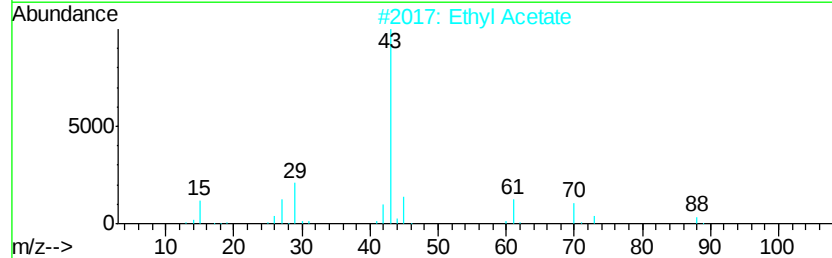
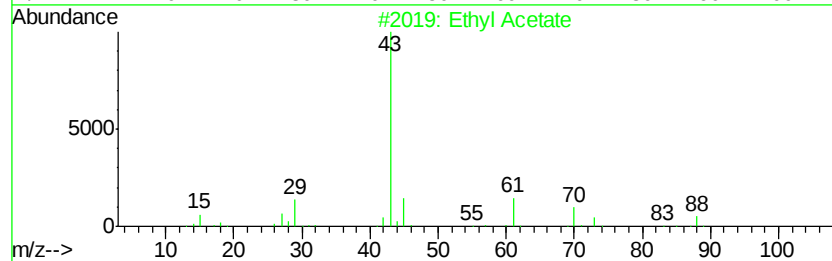
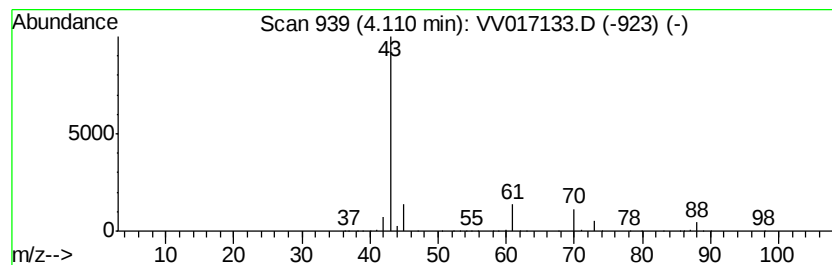
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR061720WMA.M  
Quant Title : TRACE VOA SOM01.0

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 | 13.57 ug/L | 1135430 | 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 | 86   |
| 5    |    | CH3C(O)CH2CH2OH | 88 | C4H8O2  | 000590-90-9 | 40   |



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Quant Title : TRACE VOA SOM01.0

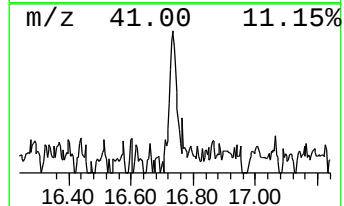
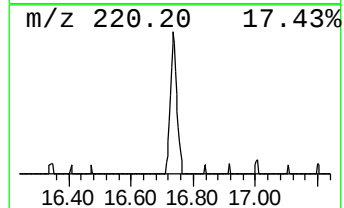
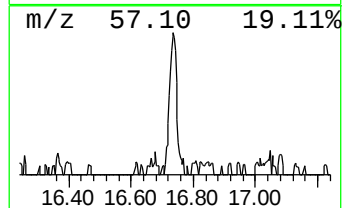
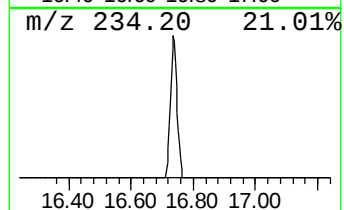
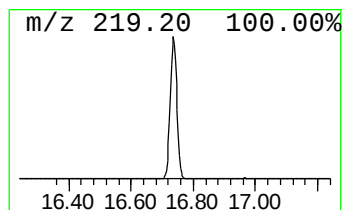
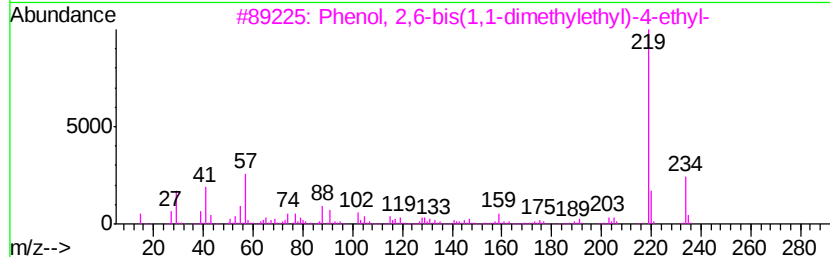
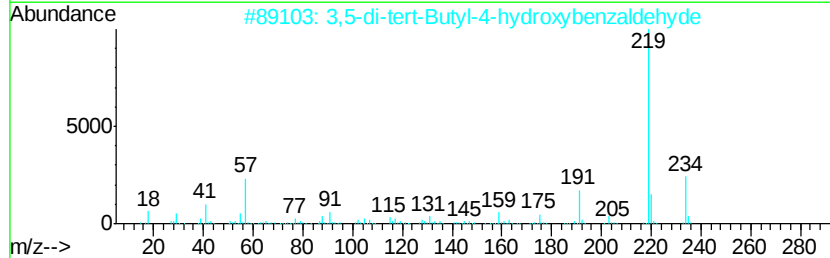
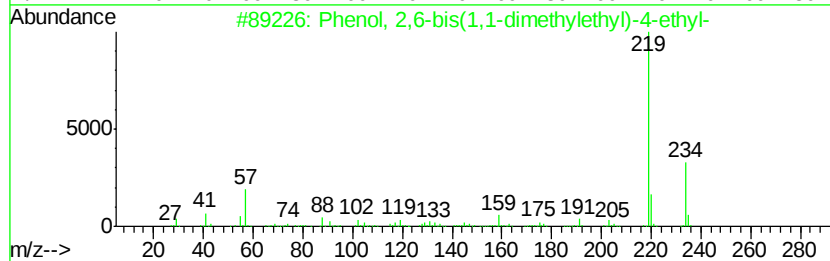
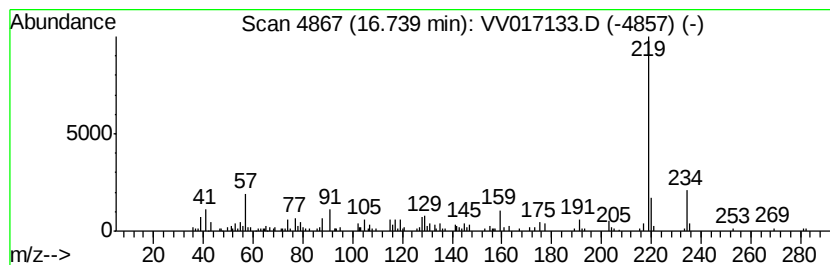
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TIC Integration Parameters: LSCINT.P

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Peak Number 4 Phenol, 2,6-bis(1,1-dimethy... Concentration Rank 4

| R.T.  | EstConc   | Area  | Relative to ISTD       | R.T.  |
|-------|-----------|-------|------------------------|-------|
| 16.74 | 0.69 ug/L | 65145 | 1,4-Dichlorobenzene-d4 | 11.27 |

| Hit# | of | Tentative ID                          | MW  | MolForm  | CAS#        | Qual |
|------|----|---------------------------------------|-----|----------|-------------|------|
| 1    | 5  | Phenol, 2,6-bis(1,1-dimethylethyl)... | 234 | C16H26O  | 004130-42-1 | 95   |
| 2    |    | 3,5-di-tert-Butyl-4-hydroxybenza...   | 234 | C15H22O2 | 001620-98-0 | 93   |
| 3    |    | Phenol, 2,6-bis(1,1-dimethylethyl)... | 234 | C16H26O  | 004130-42-1 | 93   |
| 4    |    | Phenol, 2,6-bis(1,1-dimethylethyl)... | 234 | C16H26O  | 004130-42-1 | 91   |
| 5    |    | 3,5-di-tert-Butyl-4-hydroxybenza...   | 234 | C15H22O2 | 001620-98-0 | 87   |



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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  | 1.9     | ug/L  | 161314   | 1                     | 5.64  | 418275 | 5.0  |
| Ethyl Acetate        | 4.11  | 13.6    | ug/L  | 1135430  | 1                     | 5.64  | 418275 | 5.0  |
| Phenol, 2,6-bis(1... | 16.74 | 0.7     | ug/L  | 65145    | 3                     | 11.27 | 474976 | 5.0  |