

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM092122\  
 Data File : BM036648.D  
 Acq On : 22 Sep 2022 05:33  
 Operator : CG/JU  
 Sample : N4649-08  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 EXZ36

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM091522.M  
 Title : SVOA CALIBRATION

Signal : TIC: BM036648.D\data.ms

| 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         | 3.122       | 3             | 6           | 27           | rVB      | 7052609        | 9395276       | 85.82%          | 8.344%        |
| 2         | 3.393       | 48            | 52          | 56           | rBV      | 73302          | 88844         | 0.81%           | 0.079%        |
| 3         | 3.687       | 98            | 102         | 109          | rVB3     | 10418          | 16351         | 0.15%           | 0.015%        |
| 4         | 3.828       | 122           | 126         | 142          | rBV2     | 342205         | 668051        | 6.10%           | 0.593%        |
| 5         | 4.063       | 161           | 166         | 171          | rBV      | 44732          | 63634         | 0.58%           | 0.057%        |
| 6         | 4.158       | 177           | 182         | 187          | rBV      | 27611          | 41517         | 0.38%           | 0.037%        |
| 7         | 4.699       | 268           | 274         | 283          | rBV      | 155752         | 247154        | 2.26%           | 0.220%        |
| 8         | 5.105       | 335           | 343         | 353          | rBV      | 90002          | 143421        | 1.31%           | 0.127%        |
| 9         | 7.175       | 688           | 695         | 704          | rVB      | 417679         | 673747        | 6.15%           | 0.598%        |
| 10        | 7.346       | 716           | 724         | 733          | rBV      | 1648539        | 2509395       | 22.92%          | 2.229%        |
| 11        | 7.546       | 751           | 758         | 769          | rBV      | 1535688        | 2386359       | 21.80%          | 2.119%        |
| 12        | 7.640       | 769           | 774         | 780          | rVB7     | 9495           | 17210         | 0.16%           | 0.015%        |
| 13        | 8.016       | 831           | 838         | 846          | rBV      | 1499838        | 2400279       | 21.92%          | 2.132%        |
| 14        | 8.081       | 846           | 849         | 859          | rVB3     | 12591          | 22142         | 0.20%           | 0.020%        |
| 15        | 8.728       | 951           | 959         | 972          | rBV      | 1280588        | 2022935       | 18.48%          | 1.797%        |
| 16        | 9.187       | 1029          | 1037        | 1047         | rBV      | 1884085        | 3072706       | 28.07%          | 2.729%        |
| 17        | 9.298       | 1050          | 1056        | 1061         | rVV4     | 15661          | 30190         | 0.28%           | 0.027%        |
| 18        | 9.351       | 1061          | 1065        | 1071         | rVB8     | 8610           | 12572         | 0.11%           | 0.011%        |
| 19        | 9.610       | 1104          | 1109        | 1115         | rVB3     | 11016          | 22034         | 0.20%           | 0.020%        |
| 20        | 9.910       | 1152          | 1160        | 1173         | rBV      | 1413587        | 2326021       | 21.25%          | 2.066%        |
| 21        | 10.445      | 1241          | 1251        | 1263         | rBV      | 2175775        | 3619129       | 33.06%          | 3.214%        |
| 22        | 10.616      | 1272          | 1280        | 1288         | rVB2     | 34314          | 60356         | 0.55%           | 0.054%        |
| 23        | 10.834      | 1308          | 1317        | 1327         | rBV      | 2238044        | 3754020       | 34.29%          | 3.334%        |
| 24        | 10.963      | 1330          | 1339        | 1349         | rBV      | 1970619        | 3347620       | 30.58%          | 2.973%        |
| 25        | 11.616      | 1445          | 1450        | 1455         | rBV8     | 8454           | 16873         | 0.15%           | 0.015%        |
| 26        | 12.104      | 1526          | 1533        | 1540         | rBV5     | 7035           | 15599         | 0.14%           | 0.014%        |
| 27        | 12.410      | 1576          | 1585        | 1591         | rVB2     | 47757          | 81482         | 0.74%           | 0.072%        |
| 28        | 12.628      | 1614          | 1622        | 1627         | rVB10    | 7798           | 16388         | 0.15%           | 0.015%        |
| 29        | 13.022      | 1683          | 1689        | 1692         | rBV7     | 7723           | 13550         | 0.12%           | 0.012%        |
| 30        | 13.269      | 1726          | 1731        | 1736         | rBV      | 16013          | 26668         | 0.24%           | 0.024%        |
| 31        | 13.616      | 1783          | 1790        | 1796         | rBV7     | 9498           | 18211         | 0.17%           | 0.016%        |
| 32        | 14.057      | 1858          | 1865        | 1876         | rBV      | 4635806        | 6089831       | 55.63%          | 5.409%        |
| 33        | 14.339      | 1906          | 1913        | 1927         | rVV      | 5034863        | 7099997       | 64.85%          | 6.306%        |
| 34        | 14.539      | 1943          | 1947        | 1955         | rVB10    | 7724           | 13785         | 0.13%           | 0.012%        |
| 35        | 14.645      | 1955          | 1965        | 1975         | rBV      | 3582758        | 5030697       | 45.95%          | 4.468%        |
| 36        | 14.722      | 1975          | 1978        | 1984         | rVB8     | 8349           | 14684         | 0.13%           | 0.013%        |

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Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM091522.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |          |         |        |
|----|--------|------|------|------|------|---------|----------|---------|--------|
| 37 | 14.827 | 1989 | 1996 | 2010 | rBV  | 416904  | 623491   | 5.70%   | 0.554% |
| 38 | 14.992 | 2021 | 2024 | 2030 | rVB7 | 8860    | 14059    | 0.13%   | 0.012% |
| 39 | 15.051 | 2030 | 2034 | 2040 | rBV7 | 28714   | 45241    | 0.41%   | 0.040% |
| 40 | 15.445 | 2097 | 2101 | 2106 | rBV5 | 7315    | 12839    | 0.12%   | 0.011% |
| 41 | 15.633 | 2126 | 2133 | 2141 | rBV  | 6750566 | 9394291  | 85.81%  | 8.344% |
| 42 | 15.739 | 2145 | 2151 | 2165 | rVV  | 1647058 | 2347689  | 21.44%  | 2.085% |
| 43 | 15.869 | 2168 | 2173 | 2180 | rVB2 | 60469   | 102249   | 0.93%   | 0.091% |
| 44 | 16.316 | 2243 | 2249 | 2252 | rBV6 | 8662    | 20706    | 0.19%   | 0.018% |
| 45 | 16.410 | 2262 | 2265 | 2270 | rVB5 | 17455   | 23480    | 0.21%   | 0.021% |
| 46 | 16.874 | 2341 | 2344 | 2347 | rVB  | 14299   | 14542    | 0.13%   | 0.013% |
| 47 | 17.063 | 2371 | 2376 | 2379 | rBV6 | 14317   | 24659    | 0.23%   | 0.022% |
| 48 | 17.145 | 2384 | 2390 | 2391 | rBV6 | 8957    | 14207    | 0.13%   | 0.013% |
| 49 | 17.380 | 2423 | 2430 | 2436 | rBV  | 4206300 | 5608822  | 51.23%  | 4.982% |
| 50 | 17.480 | 2440 | 2447 | 2460 | rVV  | 7616455 | 10409043 | 95.08%  | 9.245% |
| 51 | 17.745 | 2490 | 2492 | 2497 | rBV6 | 10384   | 15362    | 0.14%   | 0.014% |
| 52 | 17.939 | 2523 | 2525 | 2532 | rBV4 | 15122   | 25435    | 0.23%   | 0.023% |
| 53 | 18.051 | 2541 | 2544 | 2550 | rVB3 | 26021   | 35885    | 0.33%   | 0.032% |
| 54 | 18.274 | 2577 | 2582 | 2591 | rBV  | 233319  | 376119   | 3.44%   | 0.334% |
| 55 | 19.327 | 2757 | 2761 | 2768 | rBV3 | 88216   | 130869   | 1.20%   | 0.116% |
| 56 | 19.398 | 2769 | 2773 | 2776 | rBV  | 90309   | 125714   | 1.15%   | 0.112% |
| 57 | 19.545 | 2794 | 2798 | 2803 | rBV  | 143062  | 203485   | 1.86%   | 0.181% |
| 58 | 19.762 | 2829 | 2835 | 2841 | rBV  | 8438856 | 10947967 | 100.00% | 9.724% |
| 59 | 20.756 | 3001 | 3004 | 3008 | rBV  | 235700  | 236536   | 2.16%   | 0.210% |
| 60 | 21.256 | 3086 | 3089 | 3093 | rBV2 | 278357  | 324326   | 2.96%   | 0.288% |
| 61 | 21.545 | 3133 | 3138 | 3147 | rBV  | 3771836 | 4737407  | 43.27%  | 4.208% |
| 62 | 23.833 | 3520 | 3527 | 3534 | rVB2 | 3821648 | 7451847  | 68.07%  | 6.618% |
| 63 | 23.986 | 3547 | 3553 | 3561 | rVB2 | 1978729 | 3947521  | 36.06%  | 3.506% |

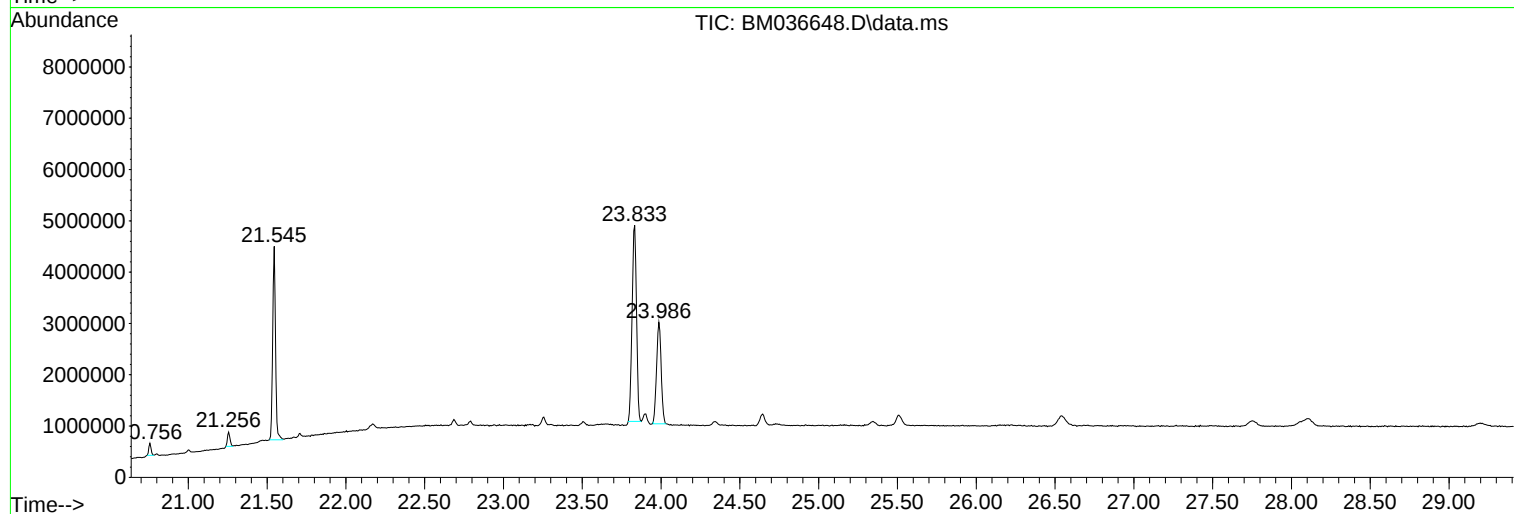
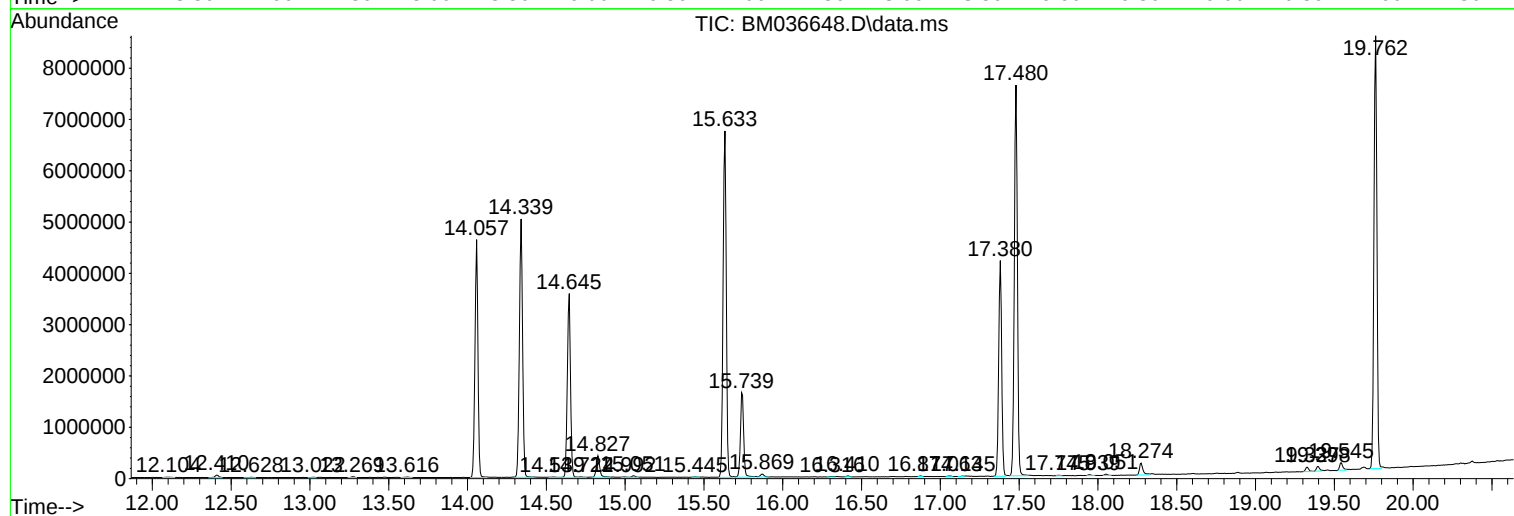
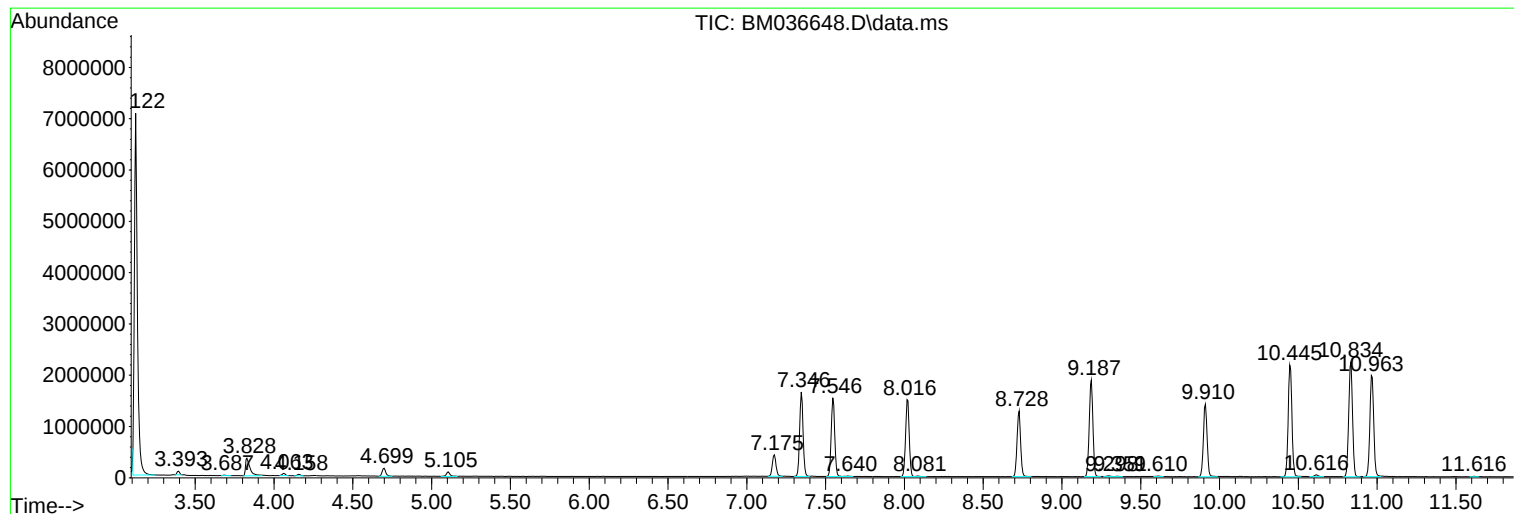
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM091522.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P



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Instrument :  
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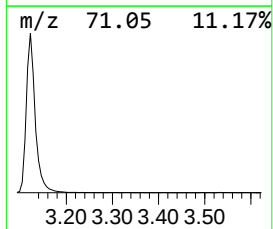
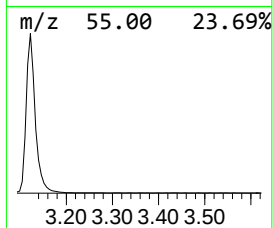
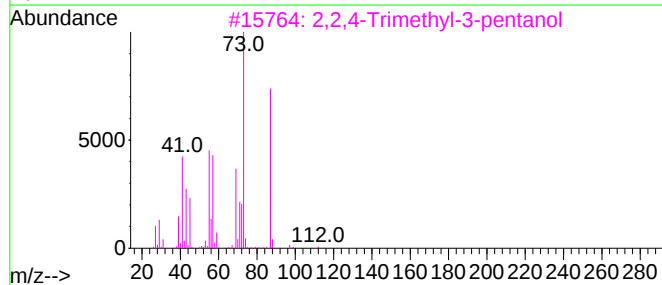
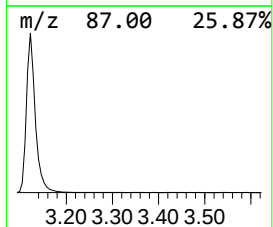
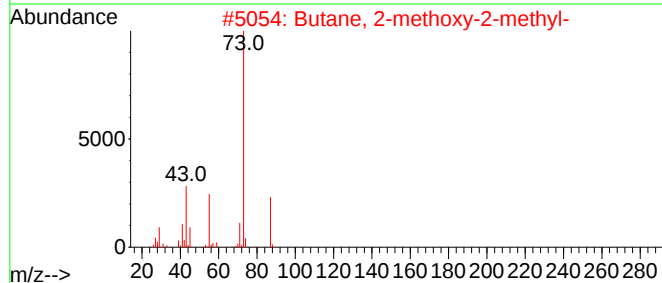
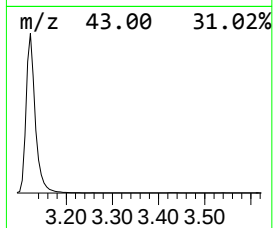
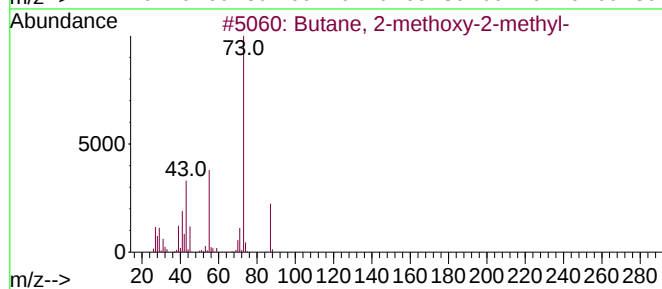
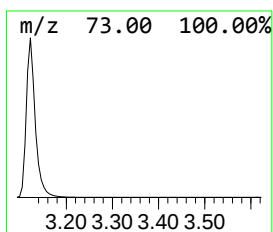
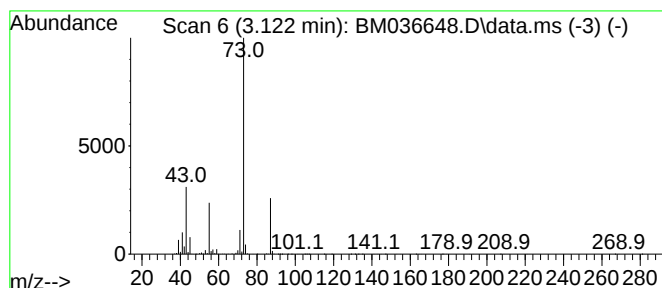
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM091522.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

| R.T.  | EstConc     | Area    | Relative to ISTD       | R.T.  |
|-------|-------------|---------|------------------------|-------|
| 3.122 | 78.28 ng/ul | 9395280 | 1,4-Dichlorobenzene-d4 | 8.022 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|-----|---------|-------------|------|
| 1    |    |   | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 83   |
| 2    |    |   | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 78   |
| 3    |    |   | 2,2,4-Trimethyl-3-pentanol  | 130 | C8H18O  | 005162-48-1 | 39   |
| 4    |    |   | Pentane, 3-methoxy-         | 102 | C6H14O  | 036839-67-5 | 23   |
| 5    |    |   | 1,3-Dioxolane, 2-methyl-    | 88  | C4H8O2  | 000497-26-7 | 9    |



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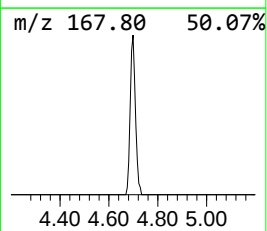
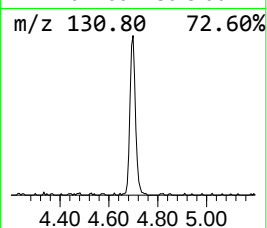
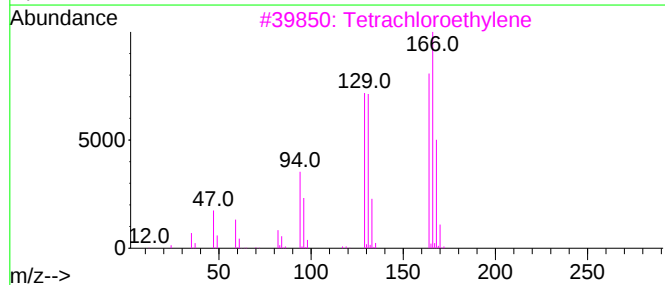
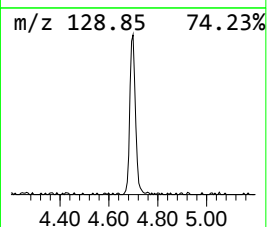
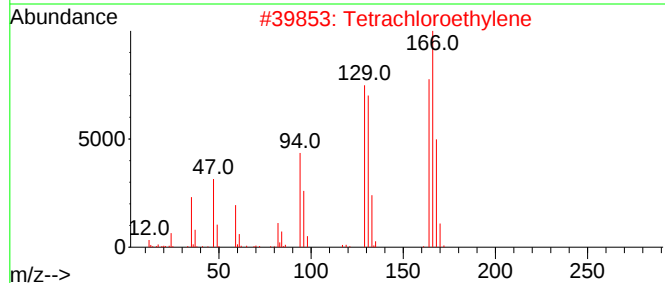
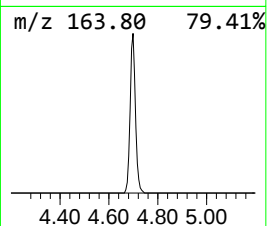
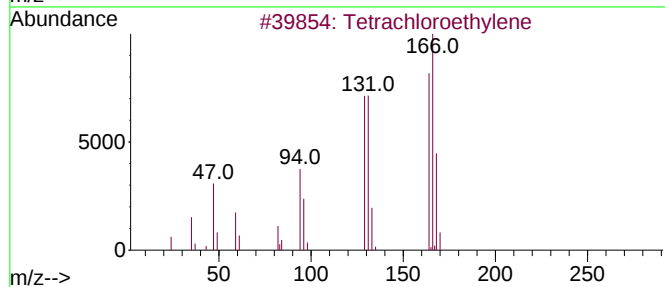
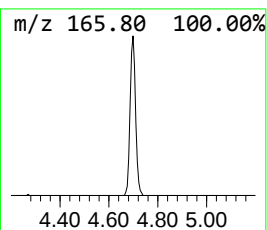
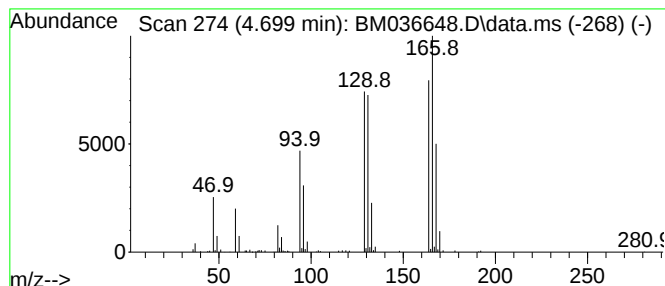
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 2 Tetrachloroethylene Concentration Rank 2

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 4.699 | 2.06 ng/ul | 247154 | 1,4-Dichlorobenzene-d4 | 8.022 |

| Hit# | of | 5 | Tentative ID                       | MW  | MolForm   | CAS#        | Qual |
|------|----|---|------------------------------------|-----|-----------|-------------|------|
| 1    |    |   | Tetrachloroethylene                | 164 | C2Cl4     | 000127-18-4 | 97   |
| 2    |    |   | Tetrachloroethylene                | 164 | C2Cl4     | 000127-18-4 | 97   |
| 3    |    |   | Tetrachloroethylene                | 164 | C2Cl4     | 000127-18-4 | 96   |
| 4    |    |   | Tetrachloroethylene                | 164 | C2Cl4     | 000127-18-4 | 96   |
| 5    |    |   | Pyrimidine, 5-fluoro-2,4-dichloro- | 166 | C4HCl2FN2 | 002927-71-1 | 35   |



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| TIC Top Hit name   | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|--------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                    |       |         |       |          | #                     | RT    | Resp    | Conc |
| Butane, 2-metho... | 3.122 | 78.3    | ng/u1 | 9395280  | 1                     | 8.022 | 2400280 | 20.0 |
| Tetrachloroethy... | 4.699 | 2.1     | ng/u1 | 247154   | 1                     | 8.022 | 2400280 | 20.0 |