

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN032423\  
 Data File : VN077178.D  
 Acq On : 24 Mar 2023 14:13  
 Operator : JC\MD  
 Sample : VIBLK  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VIBLK

Integration Parameters: RTEINT3.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % 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:\voasrv\HPCHEM1\MSVOA\_N\methods\624N032423W.M

Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC: VN077178.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         | 2.390       | 71            | 77          | 79           | rBV6     | 7345           | 14700         | 1.89%           | 0.424%        |
| 2         | 2.825       | 143           | 151         | 158          | rBV5     | 30897          | 76159         | 9.80%           | 2.195%        |
| 3         | 3.290       | 228           | 230         | 237          | rVB3     | 7946           | 11328         | 1.46%           | 0.327%        |
| 4         | 4.460       | 421           | 429         | 431          | rBV2     | 9594           | 22874         | 2.94%           | 0.659%        |
| 5         | 4.737       | 464           | 476         | 486          | rBV3     | 27255          | 91404         | 11.76%          | 2.635%        |
| 6         | 7.437       | 930           | 935         | 941          | rVB2     | 5725           | 11761         | 1.51%           | 0.339%        |
| 7         | 7.819       | 988           | 1000        | 1013         | rBV2     | 109482         | 293162        | 37.72%          | 8.450%        |
| 8         | 8.583       | 1120          | 1130        | 1141         | rBV2     | 143751         | 334438        | 43.03%          | 9.640%        |
| 9         | 9.107       | 1210          | 1219        | 1228         | rBV      | 282433         | 574727        | 73.95%          | 16.566%       |
| 10        | 10.572      | 1460          | 1468        | 1476         | rBV      | 372849         | 689204        | 88.68%          | 19.865%       |
| 11        | 11.866      | 1681          | 1688        | 1703         | rVB      | 426415         | 777201        | 100.00%         | 22.402%       |
| 12        | 12.854      | 1846          | 1856        | 1864         | rBV      | 298982         | 527750        | 67.90%          | 15.212%       |
| 13        | 13.877      | 2023          | 2030        | 2037         | rBV5     | 11693          | 20929         | 2.69%           | 0.603%        |
| 14        | 14.918      | 2198          | 2207        | 2216         | rBV6     | 8342           | 23770         | 3.06%           | 0.685%        |

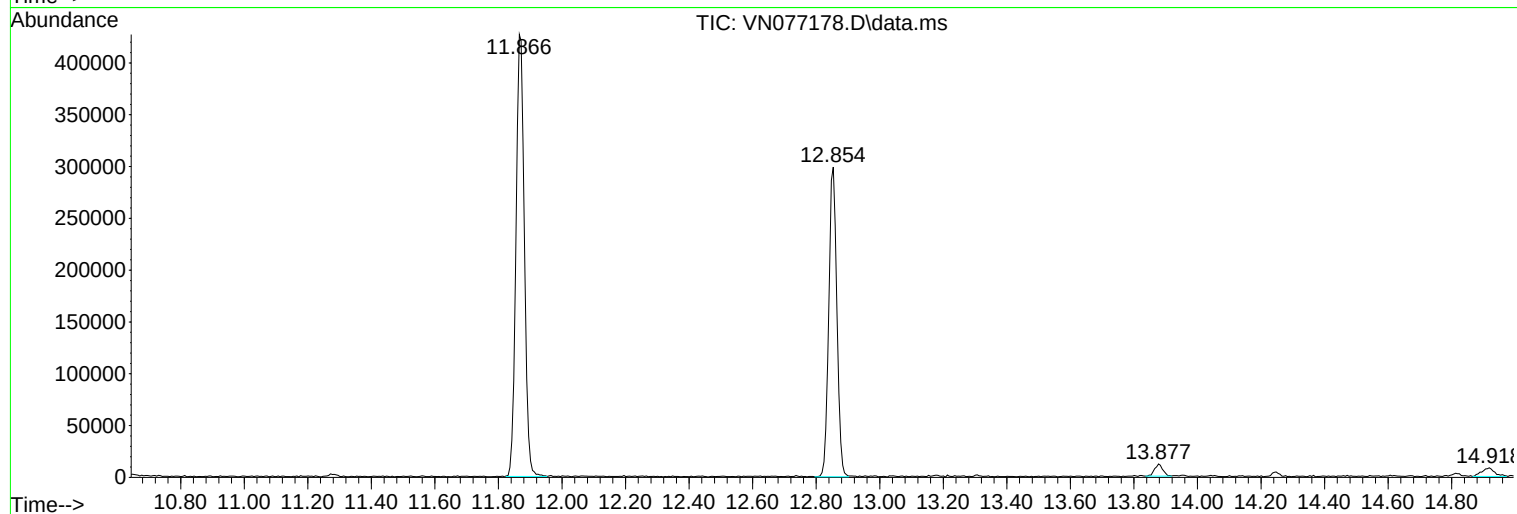
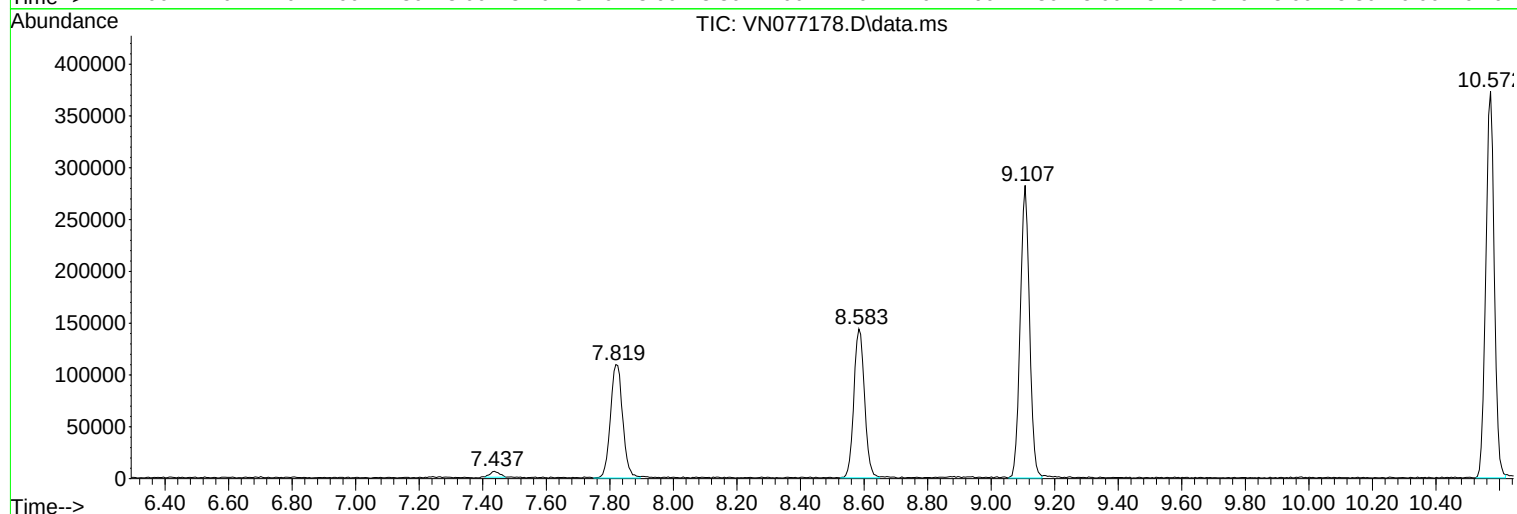
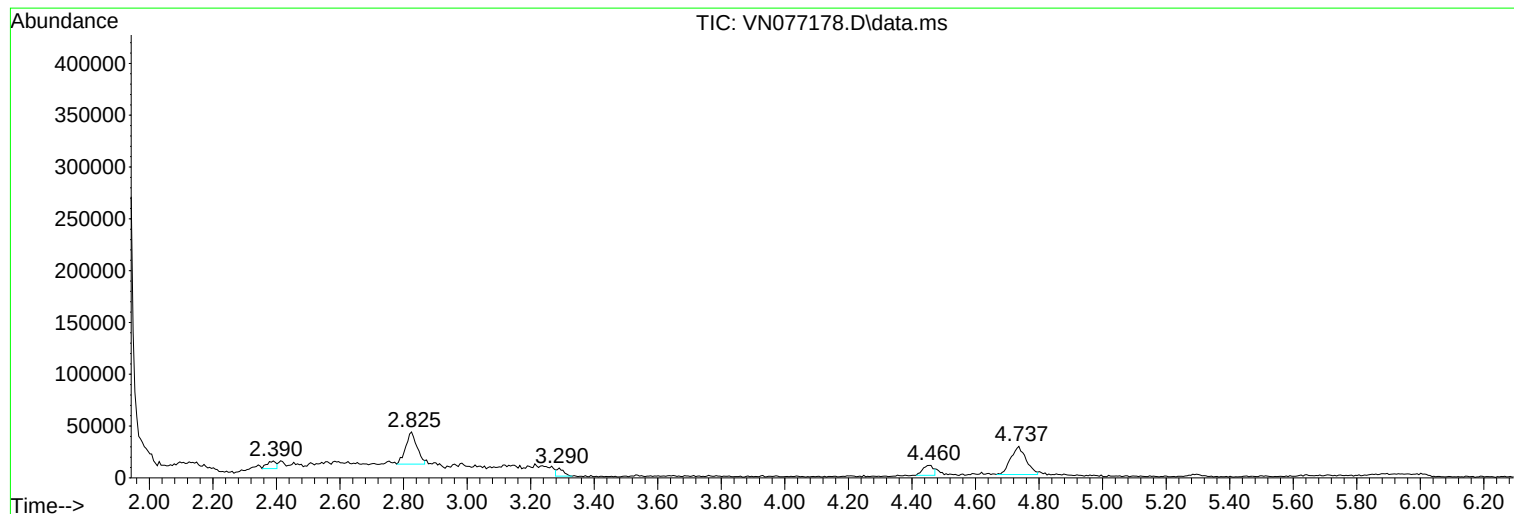
Sum of corrected areas: 3469407

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MSVOA\_N  
ClientSampleId :  
VIBLK

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N032423W.M  
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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



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Misc : 5.0mL/MSVOA\_N/WATER  
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Instrument :  
MSVOA\_N  
ClientSampleId :  
VIBLK

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N032423W.M  
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

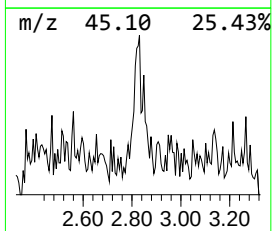
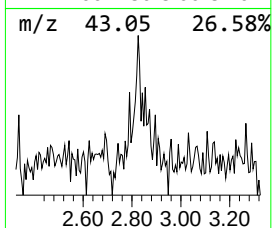
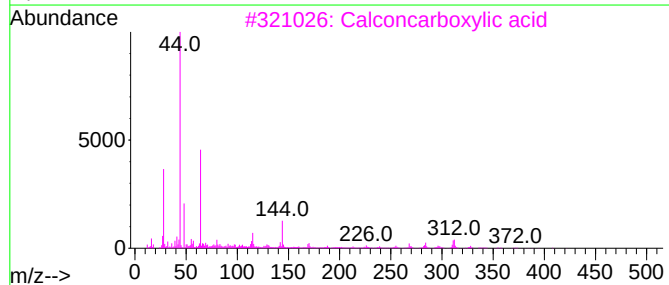
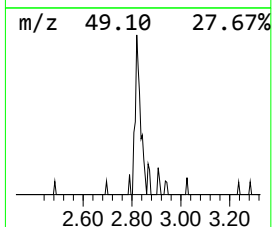
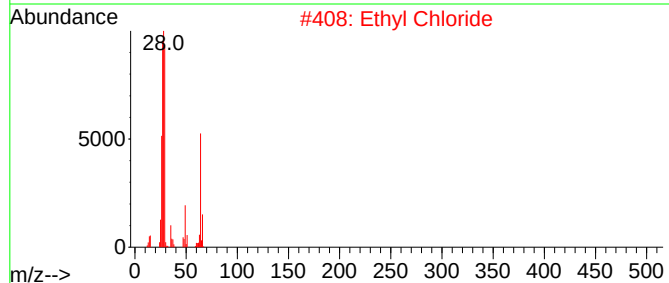
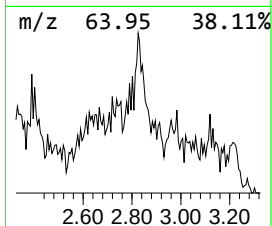
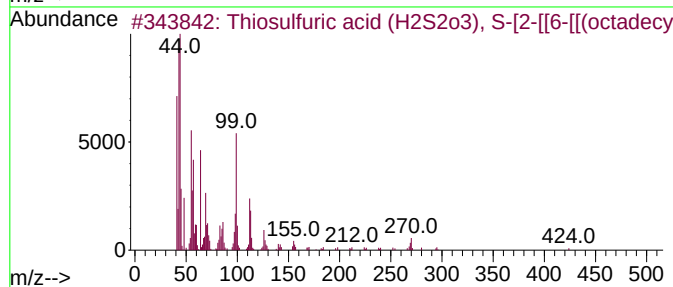
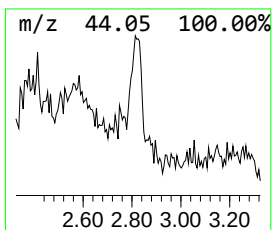
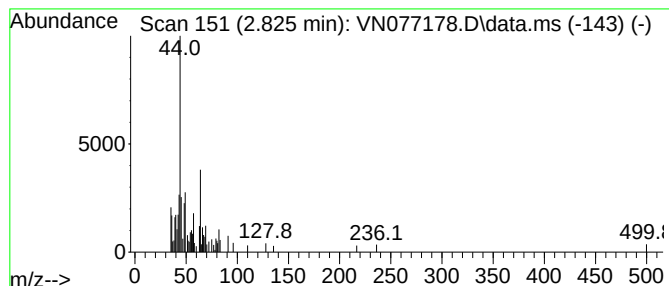
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 unknown2.825 Concentration Rank 2

| R.T.  | EstConc   | Area  | Relative to ISTD   | R.T.  |
|-------|-----------|-------|--------------------|-------|
| 2.825 | 7.79 ug/l | 76159 | Bromochloromethane | 7.819 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm      | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|--------------|-------------|------|
| 1    |    |   | Thiosulfuric acid (H2S2O3), S-[2... | 551 | C27H57N3O4S2 | 062228-37-9 | 42   |
| 2    |    |   | Ethyl Chloride                      | 64  | C2H5Cl       | 000075-00-3 | 30   |
| 3    |    |   | Calconcarboxylic acid               | 438 | C21H14N2O7S  | 003737-95-9 | 25   |
| 4    |    |   | N,N'-Octamethylenebis[s-3-aminop... | 452 | C14H32N2O6S4 | 035871-57-9 | 23   |
| 5    |    |   | Pteridine-8-oxide, 6-aldoximino-... | 222 | C7H6N6O3     | 023663-23-2 | 9    |



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VIBLK

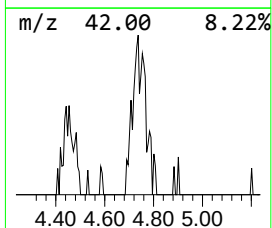
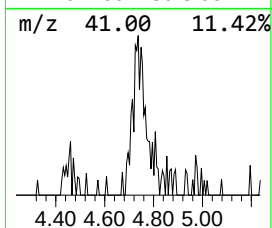
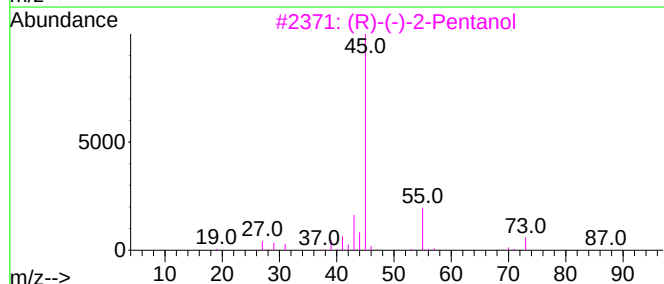
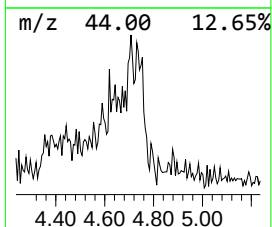
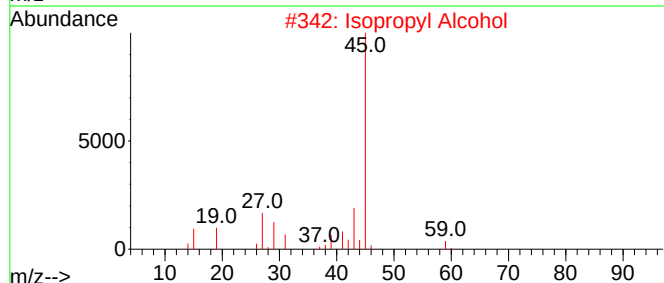
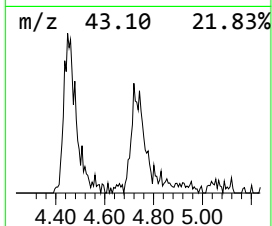
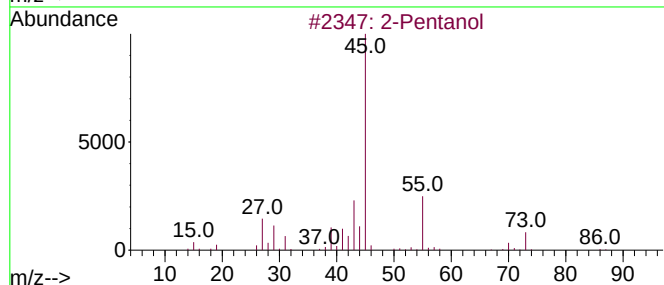
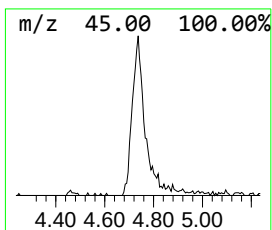
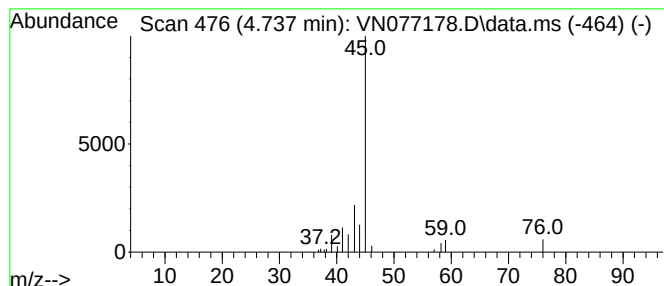
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

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Peak Number 2 2-Pentanol Concentration Rank 1

| R.T.  | EstConc   | Area  | Relative to ISTD   | R.T.  |
|-------|-----------|-------|--------------------|-------|
| 4.737 | 9.35 ug/l | 91404 | Bromochloromethane | 7.819 |

| Hit# | of | 5 | Tentative ID        | MW | MolForm | CAS#        | Qual |
|------|----|---|---------------------|----|---------|-------------|------|
| 1    |    |   | 2-Pentanol          | 88 | C5H12O  | 006032-29-7 | 56   |
| 2    |    |   | Isopropyl Alcohol   | 60 | C3H8O   | 000067-63-0 | 39   |
| 3    |    |   | (R)-(-)-2-Pentanol  | 88 | C5H12O  | 031087-44-2 | 39   |
| 4    |    |   | Propane, 2-ethoxy-  | 88 | C5H12O  | 000625-54-7 | 38   |
| 5    |    |   | Ethanol, 2-methoxy- | 76 | C3H8O2  | 000109-86-4 | 9    |



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| TIC Top Hit name | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                  |       |         |       |          | #                     | RT    | Resp   | Conc |
| unknown2.825     | 2.825 | 7.8     | ug/l  | 76159    | 1                     | 7.819 | 293162 | 30.0 |
| 2-Pentanol       | 4.737 | 9.4     | ug/l  | 91404    | 1                     | 7.819 | 293162 | 30.0 |