

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX120820\  
 Data File : VX019766.D  
 Acq On : 08 Dec 2020 18:07  
 Operator : JC/MD  
 Sample : L4946-02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 002-35TH-AVE(DEC)

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\_X\METHOD\624X120820W.M

Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC: VX019766.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         | 2.416       | 211           | 218         | 236          | rBV      | 1886365        | 3077353       | 100.00%         | 39.218%       |
| 2         | 2.575       | 236           | 244         | 264          | rBV      | 526950         | 984078        | 31.98%          | 12.541%       |
| 3         | 4.977       | 625           | 638         | 651          | rBV2     | 113627         | 339811        | 11.04%          | 4.331%        |
| 4         | 6.025       | 798           | 810         | 825          | rBV      | 115608         | 307802        | 10.00%          | 3.923%        |
| 5         | 6.824       | 930           | 941         | 953          | rBV      | 279103         | 691127        | 22.46%          | 8.808%        |
| 6         | 8.616       | 1228          | 1235        | 1241         | rBV      | 55562          | 88141         | 2.86%           | 1.123%        |
| 7         | 8.696       | 1241          | 1248        | 1254         | rVV      | 569506         | 869660        | 28.26%          | 11.083%       |
| 8         | 8.763       | 1254          | 1259        | 1265         | rVB      | 20238          | 34021         | 1.11%           | 0.434%        |
| 9         | 8.891       | 1275          | 1280        | 1286         | rVB      | 23433          | 36345         | 1.18%           | 0.463%        |
| 10        | 10.092      | 1471          | 1477        | 1491         | rVB      | 542665         | 738559        | 24.00%          | 9.412%        |
| 11        | 11.122      | 1637          | 1646        | 1656         | rVB      | 420658         | 548033        | 17.81%          | 6.984%        |
| 12        | 12.853      | 1925          | 1930        | 1943         | rBV      | 96758          | 131859        | 4.28%           | 1.680%        |

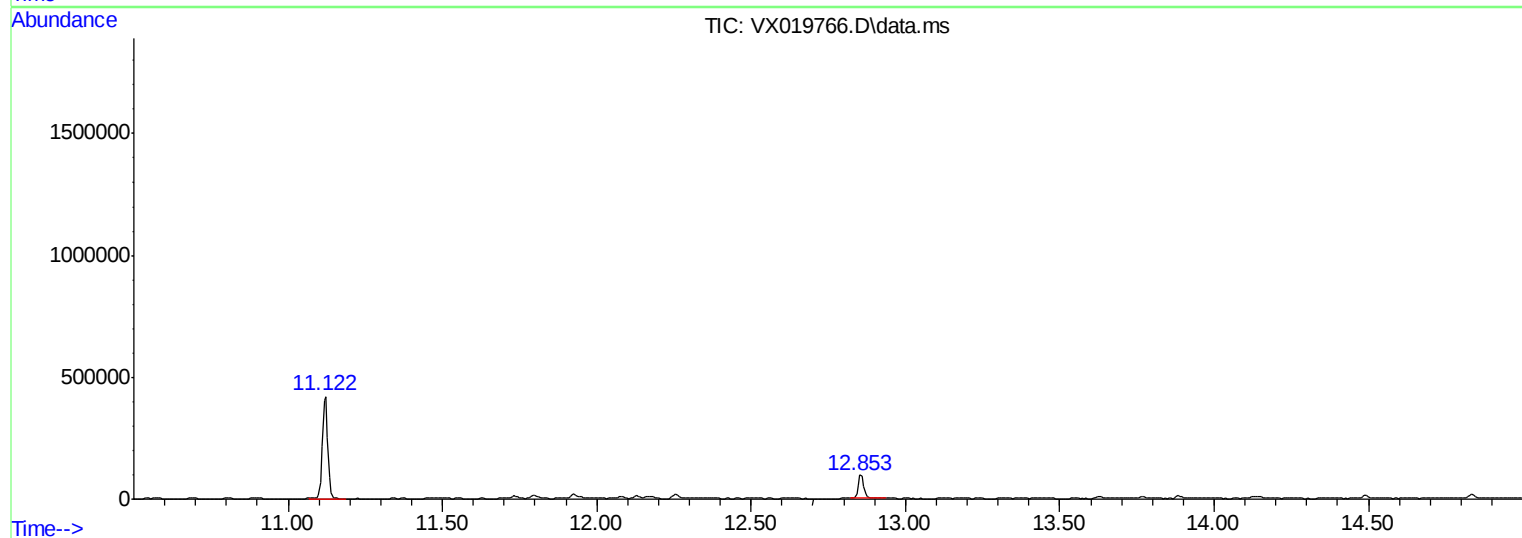
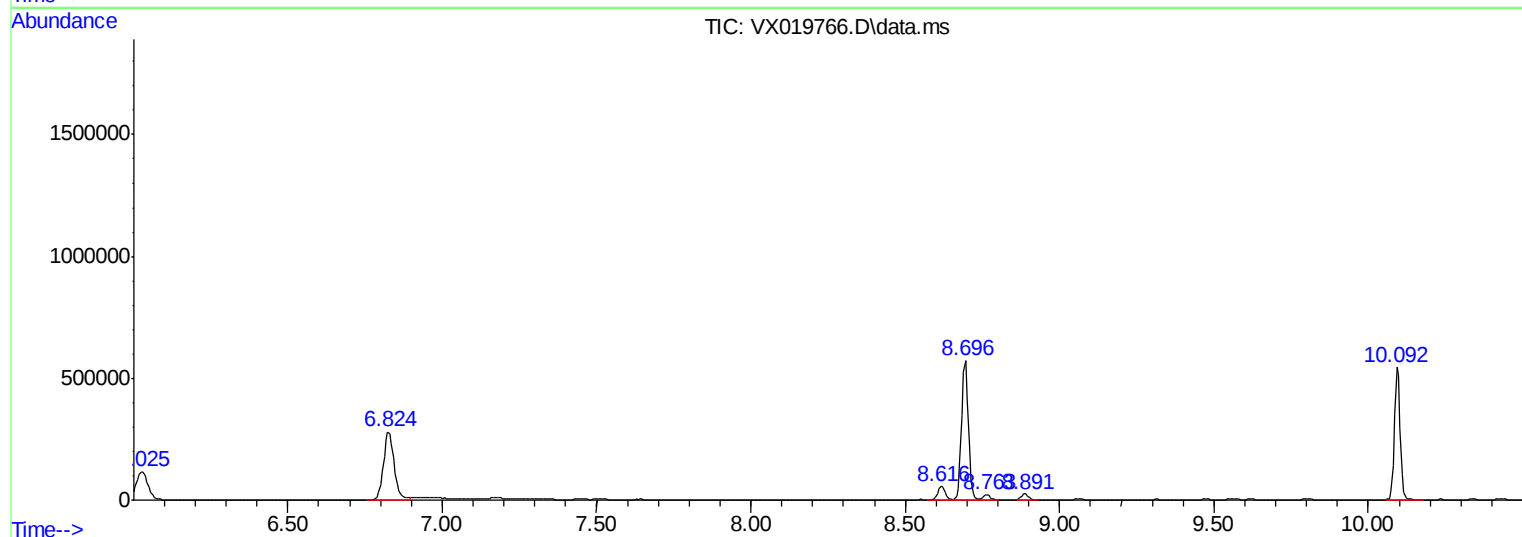
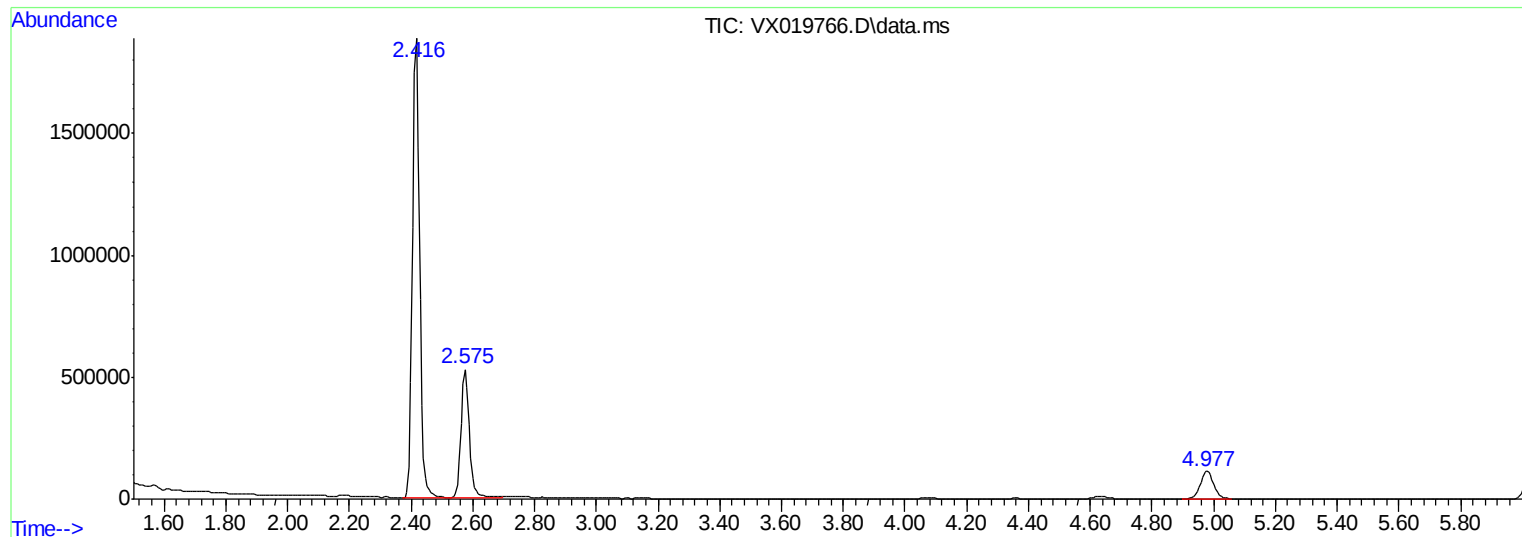
Sum of corrected areas: 7846789

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\624X120820W.M  
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P



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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\624X120820W.M  
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

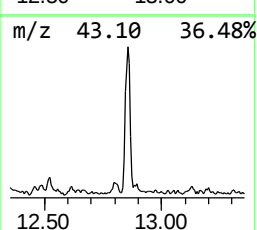
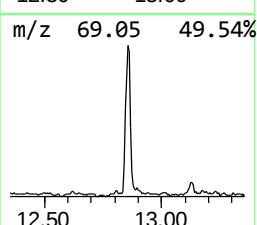
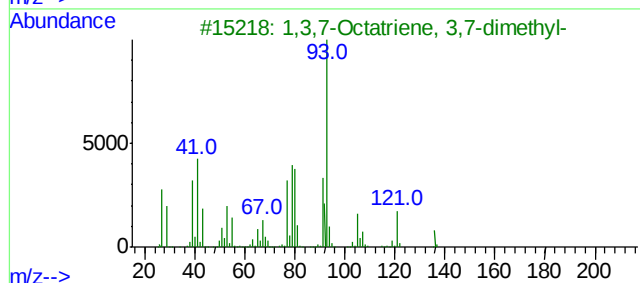
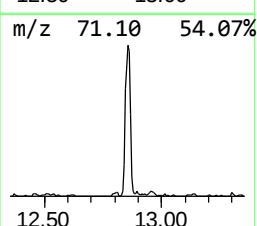
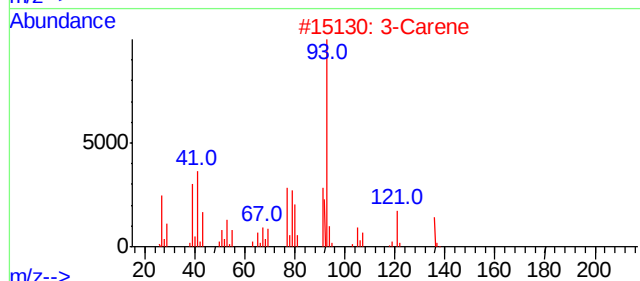
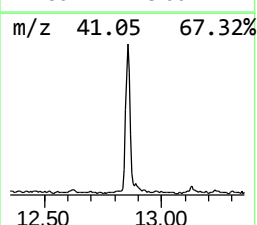
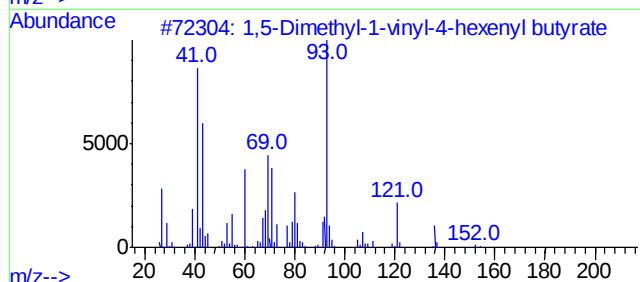
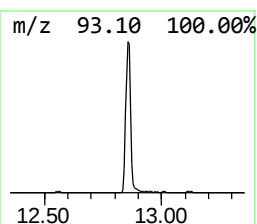
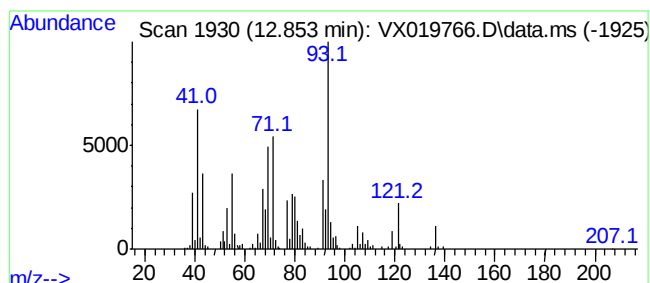
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 1,5-Dimethyl-1-vinyl-4-hex... Concentration Rank 1

| R.T.   | EstConc   | Area   | Relative to ISTD | R.T.   |
|--------|-----------|--------|------------------|--------|
| 12.853 | 5.36 ug/l | 131859 | Chlorobenzene-d5 | 10.092 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | 1,5-Dimethyl-1-vinyl-4-hexenyl b... | 224 | C14H24O2 | 000078-36-4  | 80   |
| 2    |    |   | 3-Carene                            | 136 | C10H16   | 013466-78-9  | 64   |
| 3    |    |   | 1,3,7-Octatriene, 3,7-dimethyl-     | 136 | C10H16   | 000502-99-8  | 62   |
| 4    |    |   | 4-Carene                            | 136 | C10H16   | 1000150-36-1 | 60   |
| 5    |    |   | Tricyclo[2.2.1.0(2,6)]heptane, 1... | 136 | C10H16   | 000508-32-7  | 60   |



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| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| 1,5-Dimethyl-1-... | 12.853 | 5.4     | ug/l  | 131859   | 3                     | 10.092 | 738559 | 30.0 |