

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052820\  
 Data File : VV016268.D  
 Acq On : 28 May 2020 11:45  
 Operator : SY/MD  
 Sample : L2755-13  
 Misc : 25.0mL/MSVOA V/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 GAXD7

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\SOMVTR052620WMA.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         | 1.116       | 3             | 8           | 25           | rVB      | 67545          | 67749         | 2.49%           | 0.996%        |
| 2         | 1.315       | 61            | 70          | 84           | rVB2     | 59138          | 80892         | 2.98%           | 1.189%        |
| 3         | 1.582       | 143           | 153         | 162          | rBV      | 35493          | 44019         | 1.62%           | 0.647%        |
| 4         | 2.126       | 312           | 322         | 335          | rBV      | 64218          | 95121         | 3.50%           | 1.398%        |
| 5         | 3.939       | 869           | 886         | 921          | rBV3     | 49935          | 173176        | 6.38%           | 2.545%        |
| 6         | 4.109       | 922           | 939         | 976          | rVV      | 458868         | 1225228       | 45.11%          | 18.005%       |
| 7         | 4.379       | 1007          | 1023        | 1047         | rVB2     | 52513          | 136515        | 5.03%           | 2.006%        |
| 8         | 5.074       | 1223          | 1239        | 1269         | rBV3     | 120656         | 302636        | 11.14%          | 4.447%        |
| 9         | 5.643       | 1404          | 1416        | 1439         | rBV      | 111399         | 219003        | 8.06%           | 3.218%        |
| 10        | 5.939       | 1496          | 1508        | 1532         | rVB      | 75933          | 147272        | 5.42%           | 2.164%        |
| 11        | 6.096       | 1544          | 1557        | 1579         | rBV      | 69091          | 140816        | 5.18%           | 2.069%        |
| 12        | 7.010       | 1828          | 1841        | 1859         | rBV2     | 31989          | 58382         | 2.15%           | 0.858%        |
| 13        | 7.338       | 1932          | 1943        | 1960         | rBV      | 140320         | 245128        | 9.02%           | 3.602%        |
| 14        | 7.646       | 2029          | 2039        | 2052         | rBV2     | 19742          | 33271         | 1.22%           | 0.489%        |
| 15        | 7.997       | 2130          | 2148        | 2170         | rBV      | 1651982        | 2716113       | 100.00%         | 39.915%       |
| 16        | 8.116       | 2175          | 2185        | 2213         | rVV      | 159039         | 291531        | 10.73%          | 4.284%        |
| 17        | 8.874       | 2409          | 2421        | 2446         | rBV      | 173837         | 275453        | 10.14%          | 4.048%        |
| 18        | 10.238      | 2831          | 2845        | 2859         | rBV      | 48323          | 75999         | 2.80%           | 1.117%        |
| 19        | 11.270      | 3156          | 3166        | 3183         | rBV      | 165494         | 259947        | 9.57%           | 3.820%        |
| 20        | 11.646      | 3272          | 3283        | 3303         | rBV      | 138016         | 216508        | 7.97%           | 3.182%        |

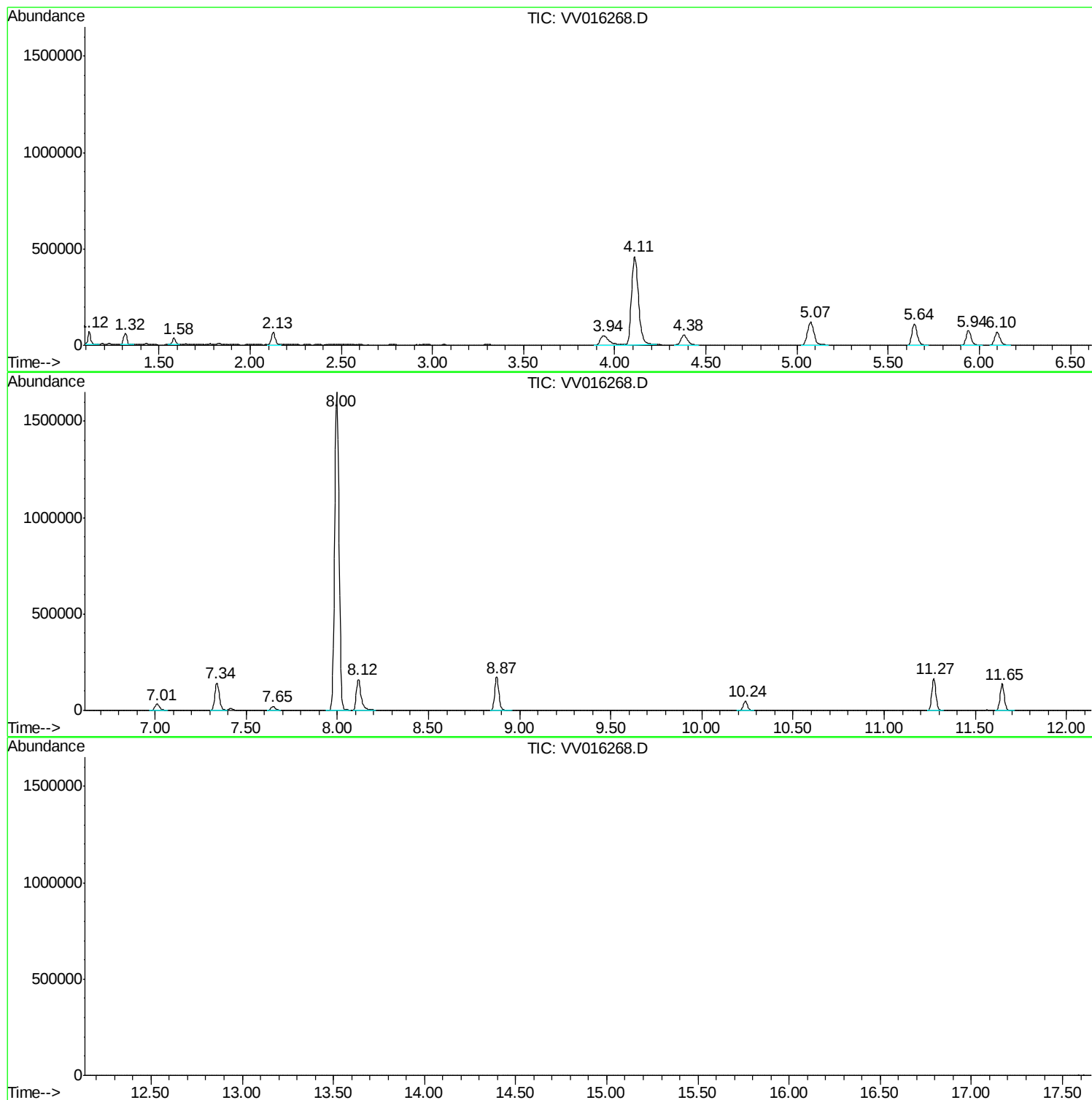
Sum of corrected areas: 6804759

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MSVOA\_V  
ClientSampleId :  
GAXD7

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR052620WMA.M  
Quant Title : TRACE VOA SOM01.0

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



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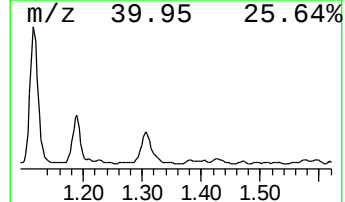
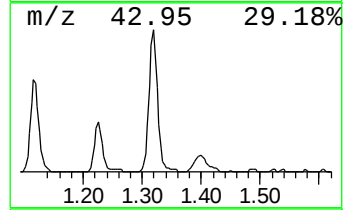
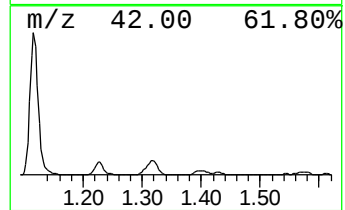
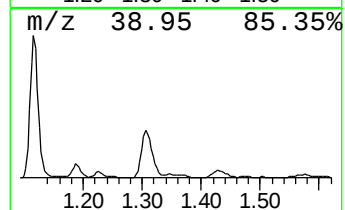
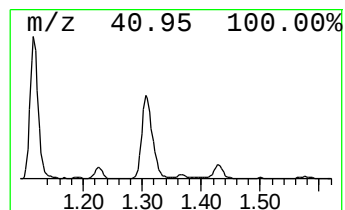
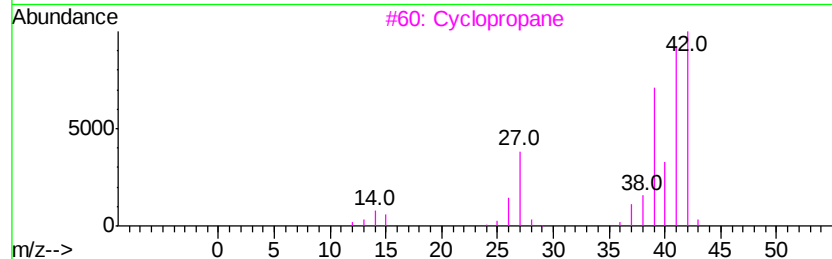
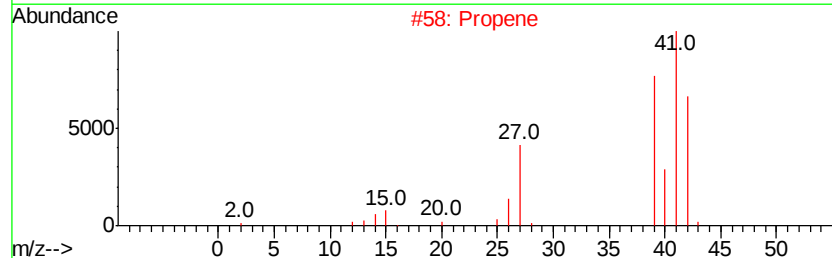
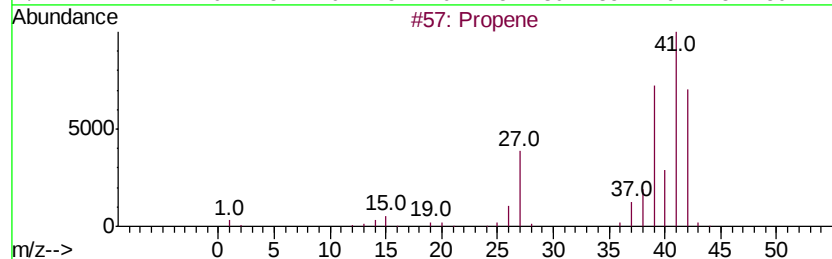
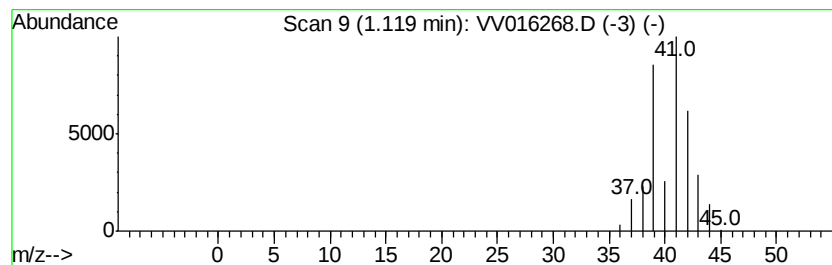
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 2

| R.T. | EstConc   | Area  | Relative to ISTD    | R.T. |
|------|-----------|-------|---------------------|------|
| 1.12 | 1.55 ug/L | 67749 | 1,4-Difluorobenzene | 5.64 |

| Hit# | of | 5 | Tentative ID | MW | MolForm | CAS#        | Qual |
|------|----|---|--------------|----|---------|-------------|------|
| 1    |    |   | Propene      | 42 | C3H6    | 000115-07-1 | 90   |
| 2    |    |   | Propene      | 42 | C3H6    | 000115-07-1 | 45   |
| 3    |    |   | Cyclopropane | 42 | C3H6    | 000075-19-4 | 43   |
| 4    |    |   | Cyclopropane | 42 | C3H6    | 000075-19-4 | 43   |
| 5    |    |   | Cyclopropene | 40 | C3H4    | 002781-85-3 | 9    |



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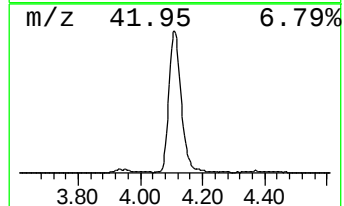
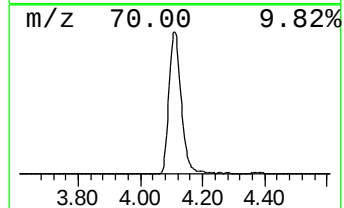
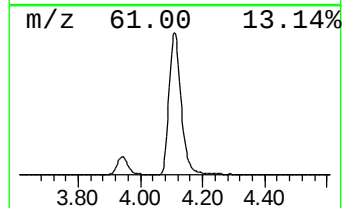
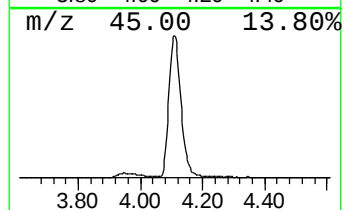
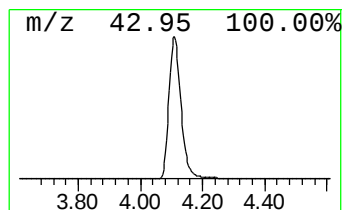
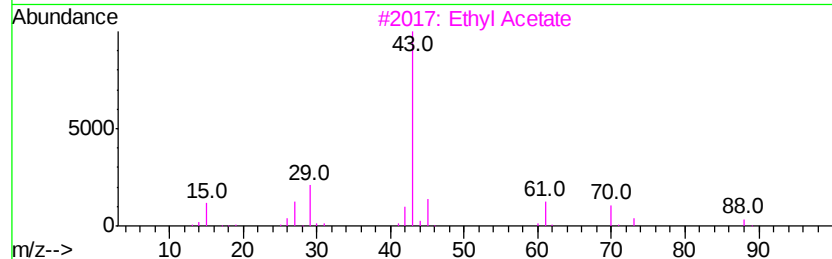
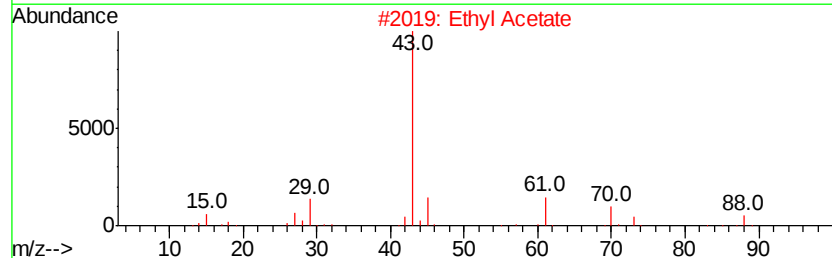
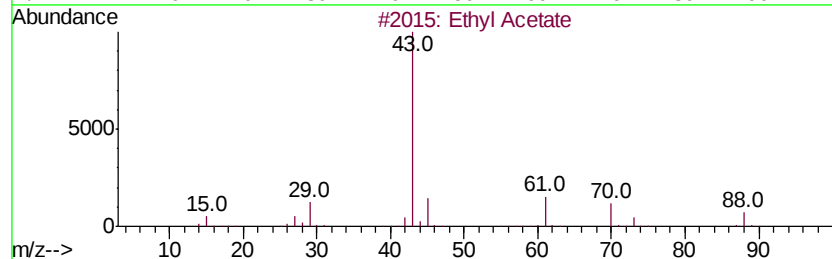
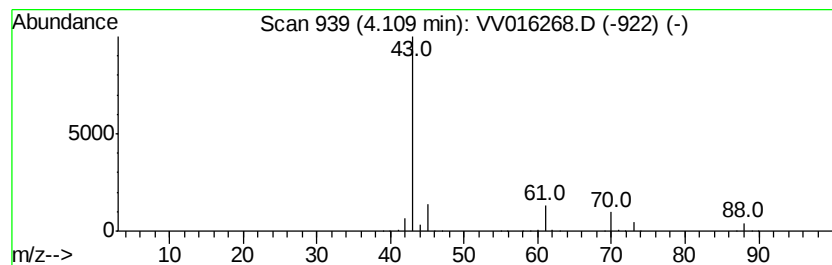
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TIC Integration Parameters: LSCINT.P

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Peak Number 2 Ethyl Acetate Concentration Rank 1

| R.T. | EstConc    | Area    | Relative to ISTD    | R.T. |
|------|------------|---------|---------------------|------|
| 4.11 | 27.97 ug/L | 1225230 | 1,4-Difluorobenzene | 5.64 |

| Hit# | of | Tentative ID    | MW | MolForm | CAS#        | Qual |
|------|----|-----------------|----|---------|-------------|------|
| 1    | 5  | Ethyl Acetate   | 88 | C4H8O2  | 000141-78-6 | 86   |
| 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 | 33   |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| (DEL) Alkane: Str... | 1.12 | 1.6     | ug/L  | 67749    | 1                     | 5.64 | 219003 | 5.0  |
| Ethyl Acetate        | 4.11 | 28.0    | ug/L  | 1225230  | 1                     | 5.64 | 219003 | 5.0  |