

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV073020\  
 Data File : VV017750.D  
 Acq On : 30 Jul 2020 14:50  
 Operator : SY/MD  
 Sample : L3358-11ME  
 Misc : 5.41g/5.0mL/100uL/5.0mL/MSVOA\_V/MEOH  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 GAY37ME

Quant Time: Jul 31 02:39:06 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM073020WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Jul 31 02:37:22 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 377235   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 361129   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.28 | 152  | 173073   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.31    | 65    | 83114    | 45.18    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 90.36%  |
| 7) Chloroethane-d5             | 1.58    | 69    | 66410    | 42.28    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 84.56%  |
| 11) 1,1-Dichloroethene-d2      | 2.10    | 63    | 151918   | 34.37    | ug/L | -0.02   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 68.74%  |
| 21) 2-Butanone-d5              | 3.93    | 46    | 122440   | 88.52    | ug/L | 0.02    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 88.52%  |
| 24) Chloroform-d               | 4.37    | 84    | 226205   | 45.00    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 90.00%  |
| 26) 1,2-Dichloroethane-d4      | 5.05    | 65    | 176338   | 48.02    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 96.04%  |
| 32) Benzene-d6                 | 5.07    | 84    | 419915   | 49.15    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 98.30%  |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 121320   | 51.42    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 102.84% |
| 41) Toluene-d8                 | 7.34    | 98    | 406778   | 48.55    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 97.10%  |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 73888    | 47.38    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 94.76%  |
| 47) 2-Hexanone-d5              | 8.14    | 63    | 92383    | 91.09    | ug/L | 0.04    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 91.09%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.25   | 84    | 154320   | 43.31    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 86.62%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 169871   | 50.00    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 100.00% |

## Target Compounds

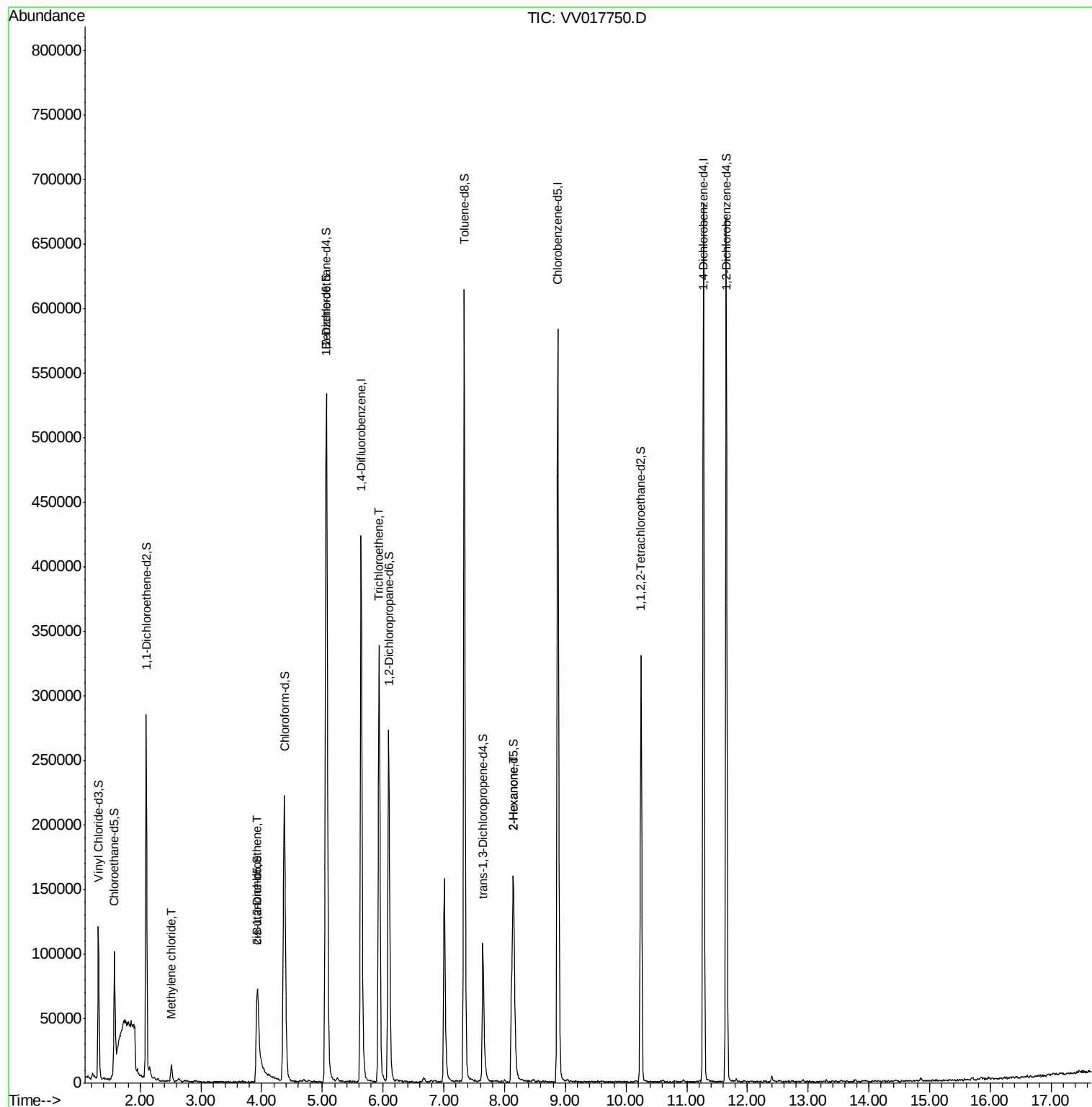
|                            |      |    |        |        | Ovalue    |
|----------------------------|------|----|--------|--------|-----------|
| 16) Methylene chloride     | 2.51 | 84 | 5579   | 2.084  | ug/L 92   |
| 20) cis-1,2-Dichloroethene | 3.93 | 96 | 15116  | 5.528  | ug/L 97   |
| 34) Trichloroethene        | 5.93 | 95 | 115337 | 41.432 | ug/L 96   |
| 48) 2-Hexanone             | 8.14 | 43 | 6082   | 2.443  | ug/L # 54 |

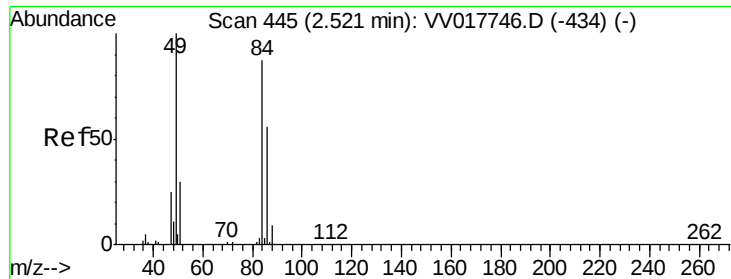
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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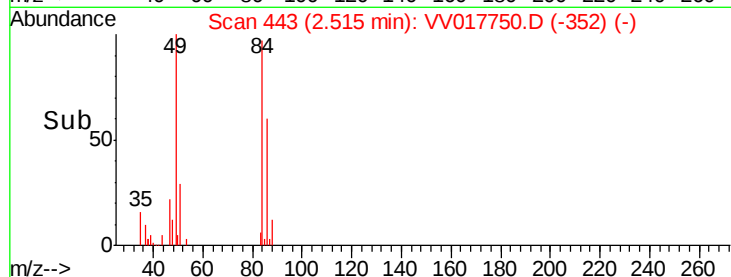
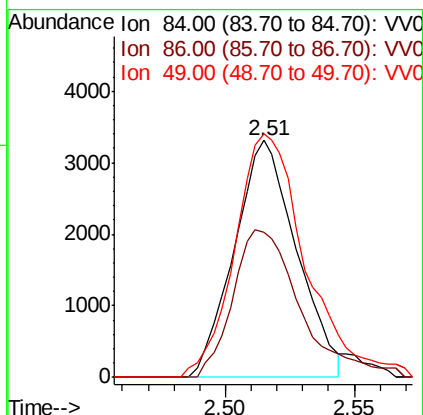
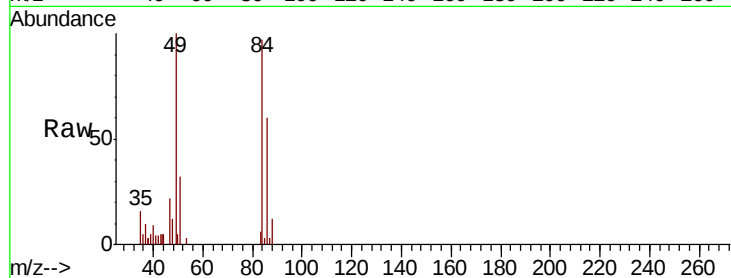




#16  
Methvlene chloride  
Concen: 2.084 ug/L  
RT: 2.51 min Scan# 443  
Delta R.T. -0.01 min  
Lab File: VV017750.D  
Acq: 30 Jul 2020 14:50

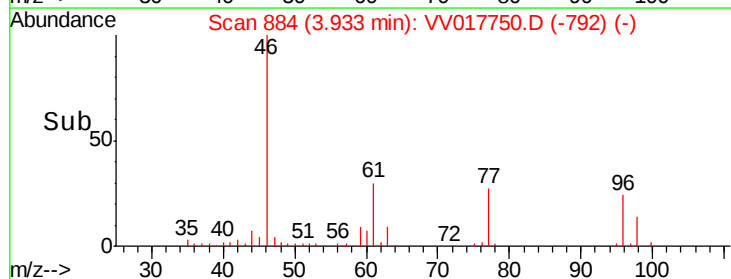
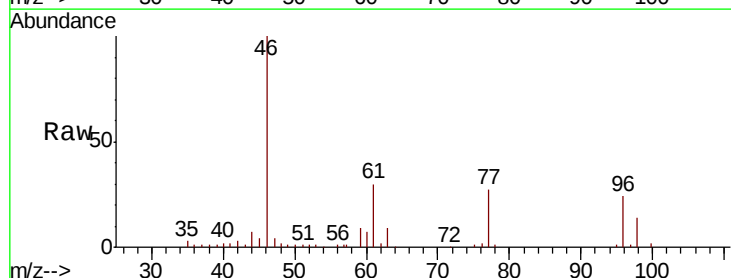
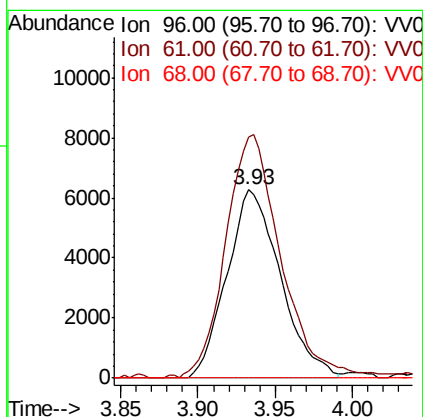
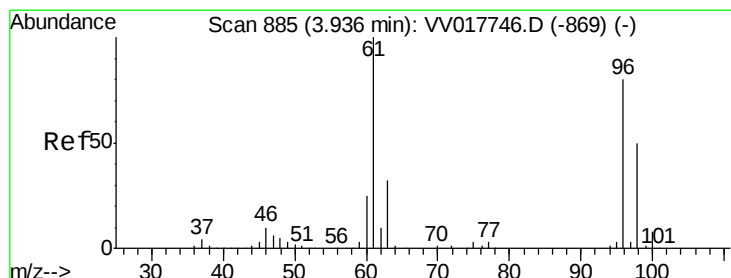
Instrument :  
MSVOA\_V  
ClientSampleId :  
GAY37ME

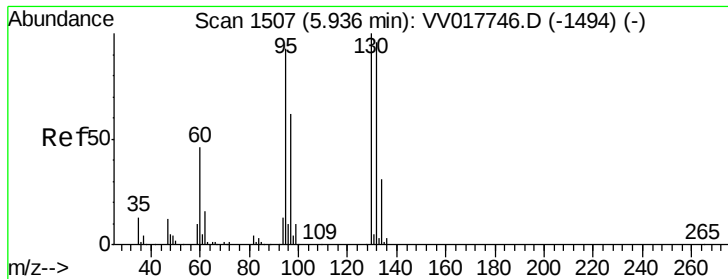
Tot Ion: 84 Resp: 5579  
Ion Ratio Lower Upper  
84 100  
86 61.3 45.4 84.4  
49 102.7 79.2 147.2



#20  
cis-1,2-Dichloroethene  
Concen: 5.528 ug/L  
RT: 3.93 min Scan# 884  
Delta R.T. -0.00 min  
Lab File: VV017750.D  
Acq: 30 Jul 2020 14:50

Tgt Ion: 96 Resp: 15116  
Ion Ratio Lower Upper  
96 100  
61 128.4 87.3 162.1  
68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 41.432 ug/L

RT: 5.93 min Scan# 1506

Delta R.T. -0.00 min

Lab File: VV017750.D

Acq: 30 Jul 2020 14:50

Instrument :

MSVOA\_V

ClientSampleId :

GAY37ME

Tot Ion: 95 Resp: 115337

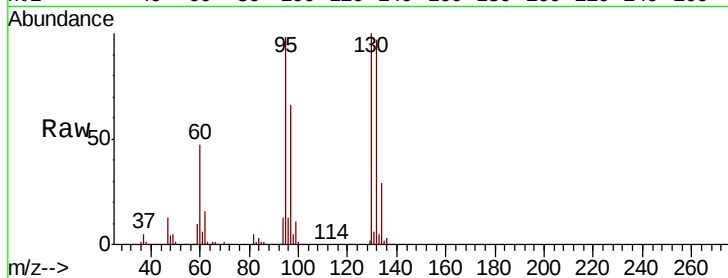
Ion Ratio Lower Upper

95 100

97 67.3 45.3 84.1

132 99.7 71.4 132.6

130 102.5 75.3 139.9

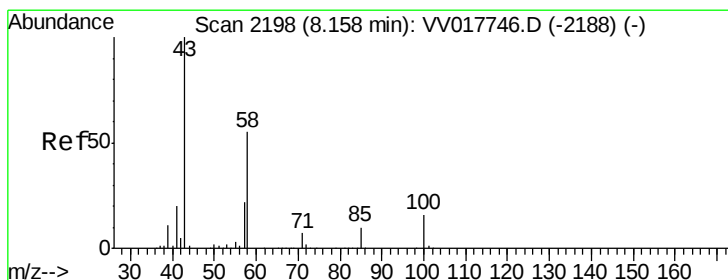
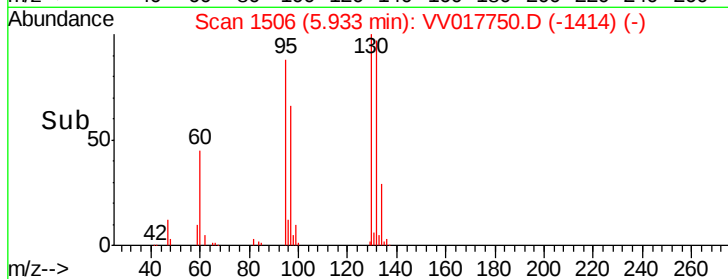
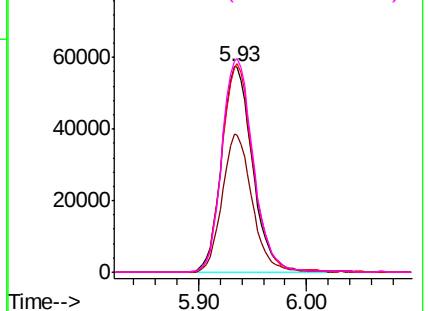


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0



#48

2-Hexanone

Concen: 2.443 ug/L

RT: 8.14 min Scan# 2194

Delta R.T. -0.01 min

Lab File: VV017750.D

Acq: 30 Jul 2020 14:50

Tgt Ion: 43 Resp: 6082

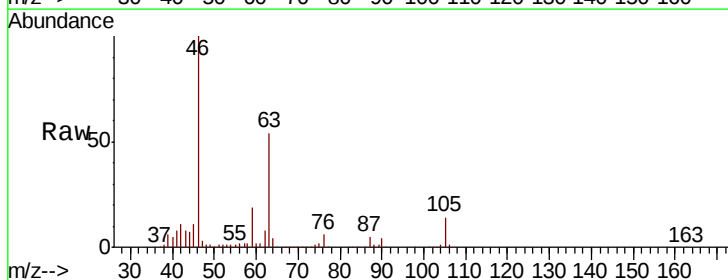
Ion Ratio Lower Upper

43 100

58 19.6 42.8 64.2#

57 45.0 16.6 24.8#

100 0.9 11.6 17.4#



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0

