

Data File : VV011548.D  
Acq On : 17 Jun 2019 13:57  
Operator : SY/MD  
Sample : VIBLK  
Misc : 25ML/MSVOA\_V/WATER  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
VIBLK21

Quant Time: Jun 18 08:45:20 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR061419WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Tue Jun 18 08:42:07 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 192751   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 176552   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 69046    | 5.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.31   | 65    | 55665    | 3.83     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 76.60% |
| 7) Chloroethane-d5             | 1.58   | 69    | 43371    | 4.70     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 94.00% |
| 11) 1,1-Dichloroethene-d2      | 2.12   | 63    | 84483    | 3.05     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 61.00% |
| 20) 2-Butanone-d5              | 3.96   | 46    | 171639   | 41.91    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 83.82% |
| 24) Chloroform-d               | 4.40   | 84    | 118849   | 4.25     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 85.00% |
| 26) 1,2-Dichloroethane-d4      | 5.08   | 65    | 66506    | 4.30     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 86.00% |
| 32) Benzene-d6                 | 5.09   | 84    | 229770   | 4.36     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 87.20% |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 72809    | 4.35     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 87.00% |
| 41) Toluene-d8                 | 7.36   | 98    | 192868   | 4.11     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 82.20% |
| 43) trans-1,3-Dichloropropene- | 7.66   | 79    | 22087    | 3.97     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 79.40% |
| 46) 2-Hexanone-d5              | 8.14   | 63    | 129609   | 40.37    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 80.74% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 48754    | 3.89     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 77.80% |
| 64) 1,2-Dichlorobenzene-d4     | 11.67  | 152   | 64042    | 4.65     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 93.00% |

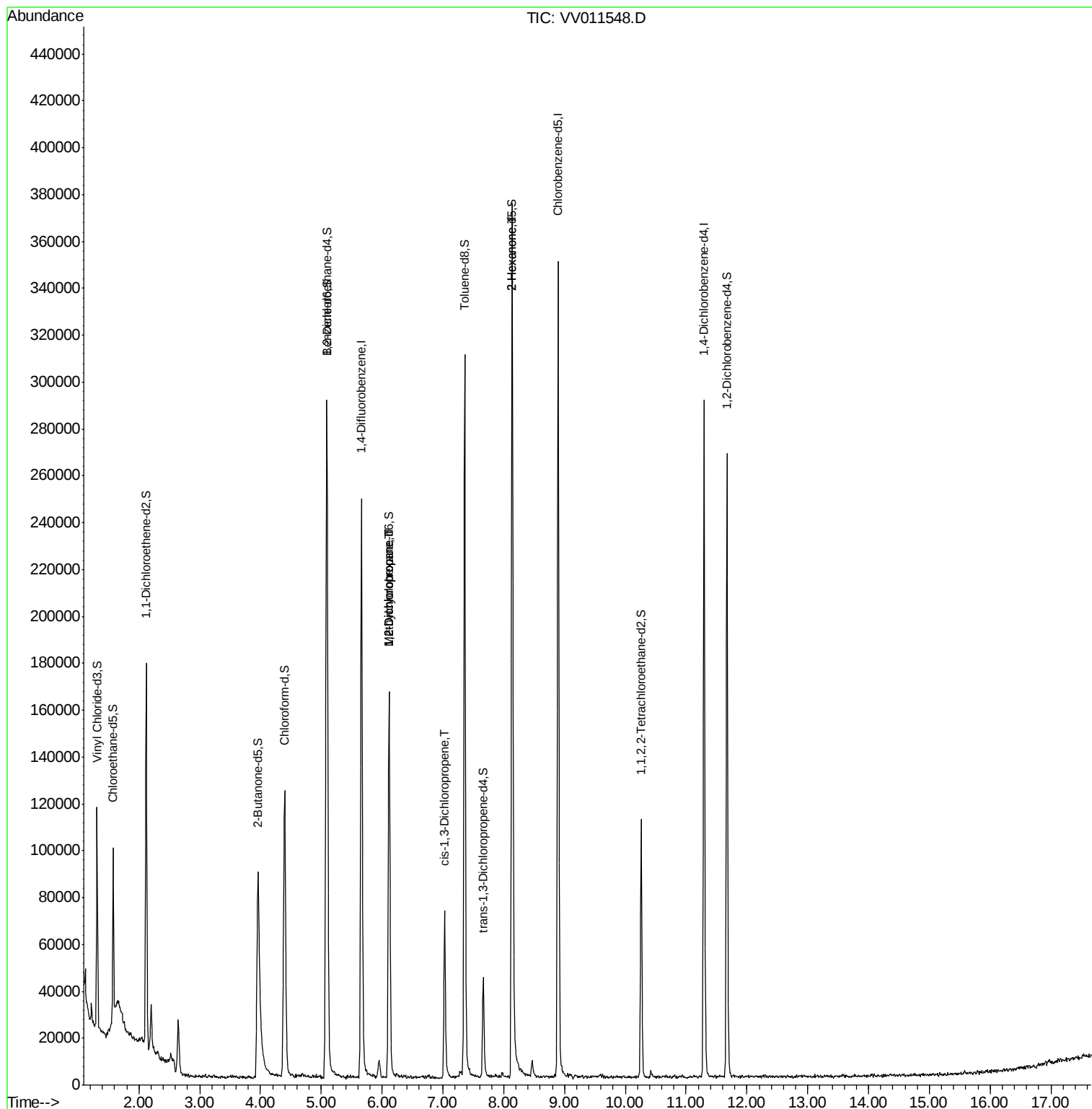
| Target Compounds            |      |    |       |              | Qvalue |
|-----------------------------|------|----|-------|--------------|--------|
| 35) Methylcyclohexane       | 6.12 | 83 | 18262 | 0.871 ug/L # | 16     |
| 37) 1,2-Dichloropropane     | 6.12 | 63 | 9473  | 0.617 ug/L # | 88     |
| 39) cis-1,3-Dichloropropene | 7.03 | 75 | 2194  | 0.114 ug/L # | 73     |
| 48) 2-Hexanone              | 8.14 | 43 | 18404 | 2.393 ug/L # | 70     |

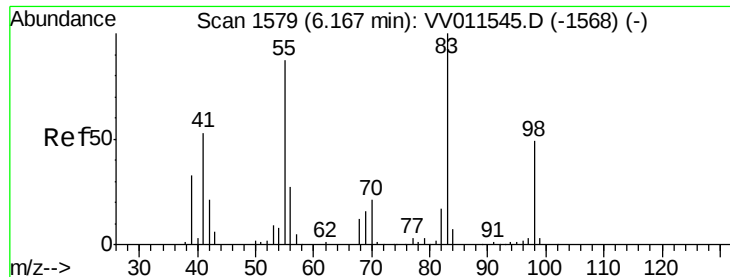
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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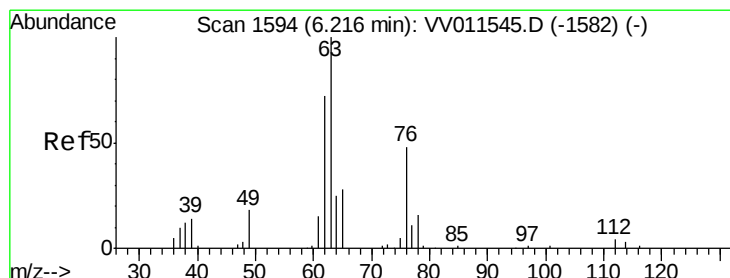
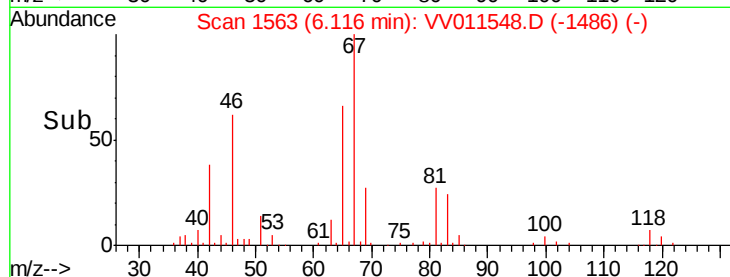
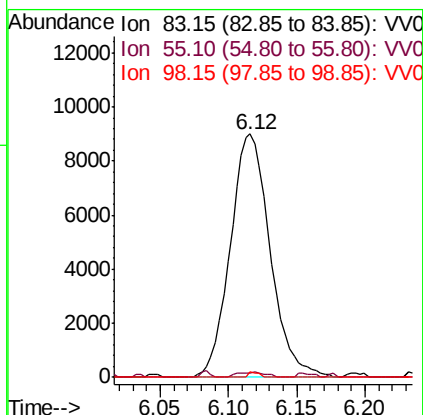
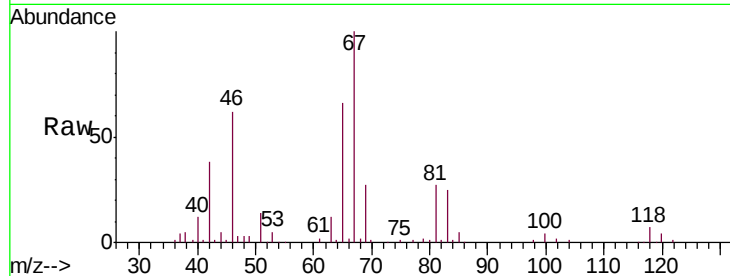




#35  
Methylcyclohexane  
Concen: 0.871 ug/L  
RT: 6.12 min Scan# 1563  
Delta R.T. -0.05 min  
Lab File: VV011548.D  
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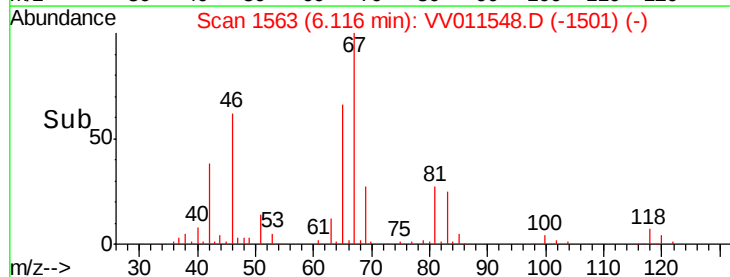
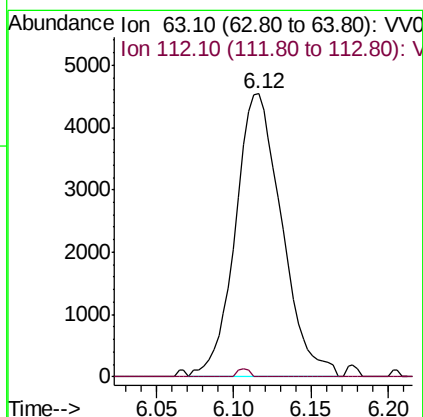
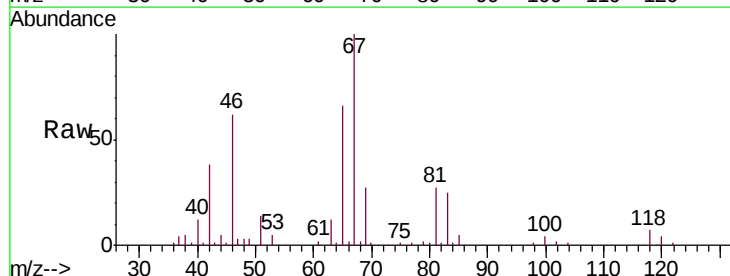
Instrument :  
MSVOA\_V  
ClientSampleId :  
VIBLK21

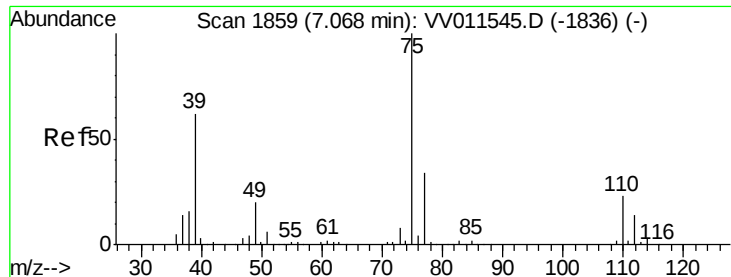
Tgt Ion: 83 Resp: 18262  
Ion Ratio Lower Upper  
83 100  
55 1.5 67.9 101.9#  
98 0.6 39.6 59.4#



#37  
1,2-Dichloropropane  
Concen: 0.617 ug/L  
RT: 6.12 min Scan# 1563  
Delta R.T. -0.10 min  
Lab File: VV011548.D  
Acq: 17 Jun 2019 13:57

Tgt Ion: 63 Resp: 9473  
Ion Ratio Lower Upper  
63 100  
112 0.7 3.7 5.5#

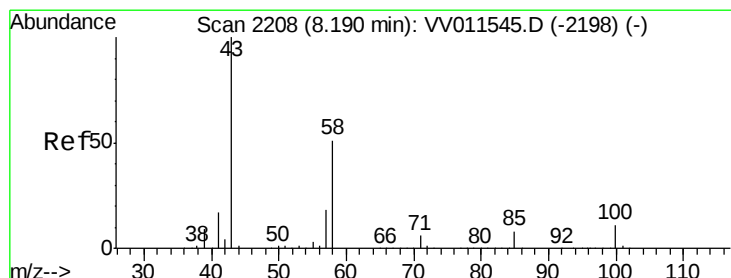
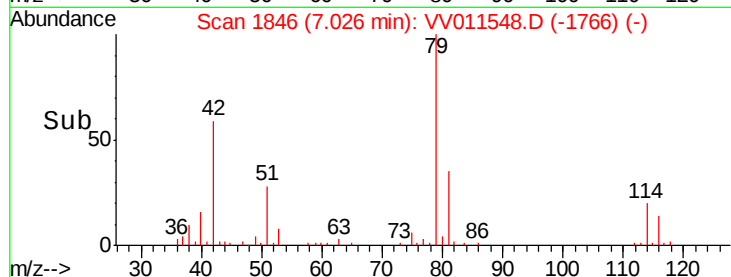
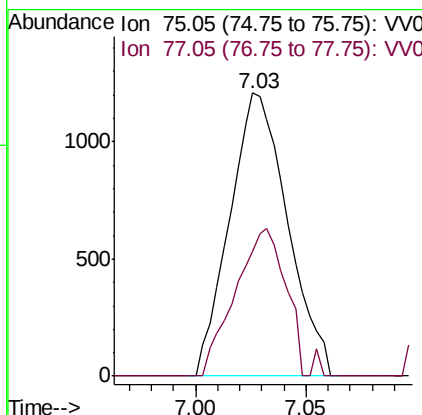
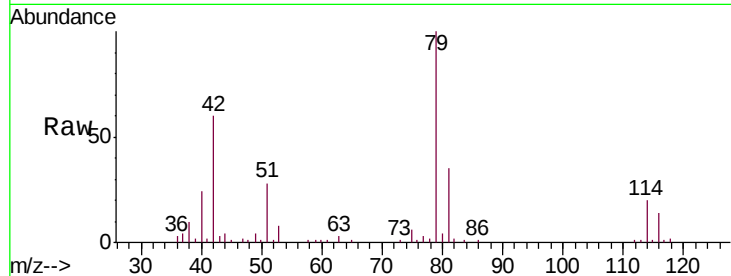




#39  
 cis-1,3-Dichloropropene  
 Concen: 0.114 ug/L  
 RT: 7.03 min Scan# 1846  
 Delta R.T. -0.04 min  
 Lab File: VV011548.D  
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Instrument :  
 MSVOA\_V  
 ClientSampled :  
 VIBLK21

Tgt Ion: 75 Resp: 2194  
 Ion Ratio Lower Upper  
 75 100  
 77 44.2 20.6 38.4#



#48  
 2-Hexanone  
 Concen: 2.393 ug/L  
 RT: 8.14 min Scan# 2192  
 Delta R.T. -0.05 min  
 Lab File: VV011548.D  
 Acq: 17 Jun 2019 13:57

Tgt Ion: 43 Resp: 18404  
 Ion Ratio Lower Upper  
 43 100  
 58 26.2 40.6 60.8#  
 57 25.6 14.2 21.4#  
 100 0.9 8.6 12.8#

