

Data Path : W:\HPCHEM1\MSVOA\_V\DATA\VV050718\  
 Data File : VV005818.D  
 Acq On : 07 May 2018 15:42  
 Operator : SY/MD  
 Sample : J2640-22  
 Misc : 25.0 mL/MSVOA\_V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VHBLK01

Quant Time: May 08 01:23:57 2018  
 Quant Method : W:\HPCHEM1\MSVOA\_V\METHOD\SOMVTR050518WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Tue May 08 01:22:26 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 319744   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 305344   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 132527   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 103378   | 4.26     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 85.20% |
| 7) Chloroethane-d5             | 1.58   | 69    | 87558    | 4.18     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 83.60% |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 168003   | 3.14     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 62.80% |
| 20) 2-Butanone-d5              | 3.96   | 46    | 231872   | 48.57    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 97.14% |
| 24) Chloroform-d               | 4.41   | 84    | 186583   | 4.22     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 84.40% |
| 26) 1,2-Dichloroethane-d4      | 5.09   | 65    | 108702   | 4.14     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 82.80% |
| 32) Benzene-d6                 | 5.11   | 84    | 363781   | 4.39     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 87.80% |
| 36) 1,2-Dichloropropane-d6     | 6.13   | 67    | 113186   | 4.45     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 89.00% |
| 41) Toluene-d8                 | 7.37   | 98    | 322969   | 4.04     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 80.80% |
| 43) trans-1,3-Dichloropropene- | 7.67   | 79    | 40686    | 4.05     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 81.00% |
| 46) 2-Hexanone-d5              | 8.14   | 63    | 166626   | 42.47    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 84.94% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.27  | 84    | 74801    | 3.91     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 78.20% |
| 64) 1,2-Dichlorobenzene-d4     | 11.68  | 152   | 116163   | 4.22     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 84.40% |

## Target Compounds

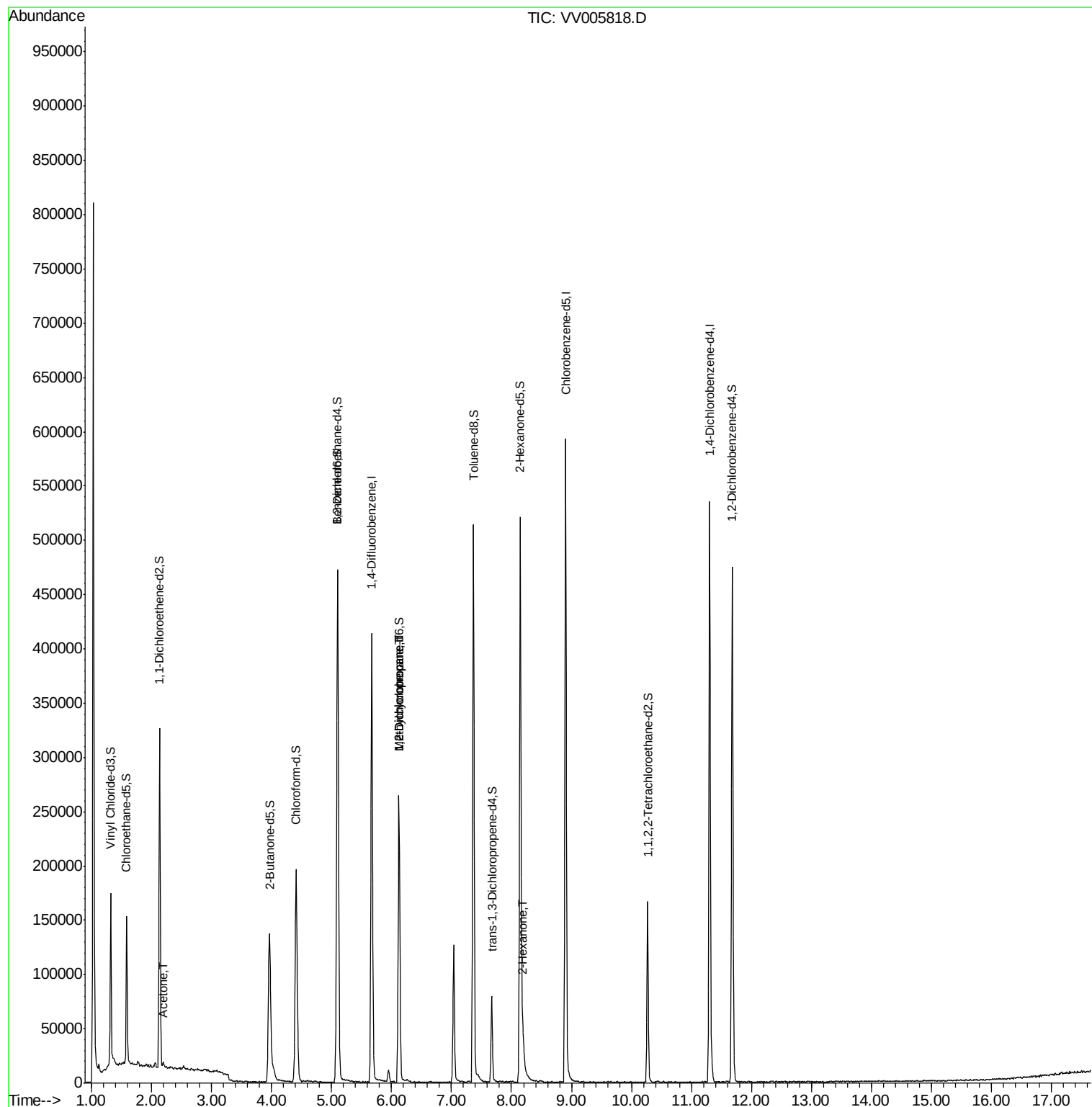
|                         |      |    |       |             | Qvalue |
|-------------------------|------|----|-------|-------------|--------|
| 13) Acetone             | 2.21 | 43 | 1404  | 0.35 ug/L   | 73     |
| 35) Methylcyclohexane   | 6.12 | 83 | 27145 | 0.76 ug/L # | 18     |
| 37) 1,2-Dichloropropane | 6.13 | 63 | 13998 | 0.64 ug/L # | 87     |
| 48) 2-Hexanone          | 8.20 | 43 | 19678 | 1.96 ug/L # | 71     |

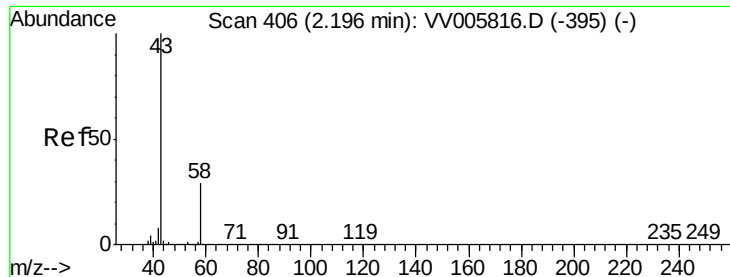
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 0.35 ug/L

RT: 2.21 min Scan# 409

Delta R.T. 0.01 min

Lab File: VV005818.D

Acq: 07 May 2018 15:42

Instrument :

MSVOA\_V

ClientSampleId :

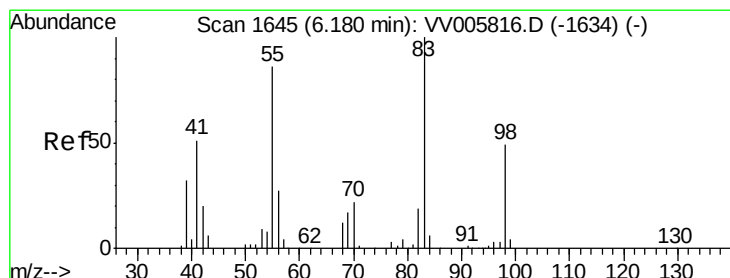
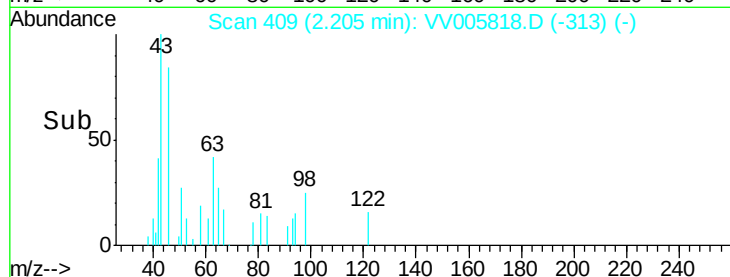
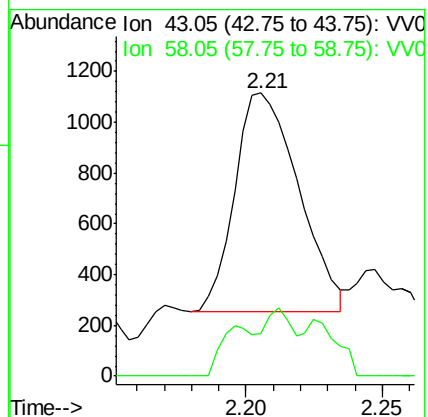
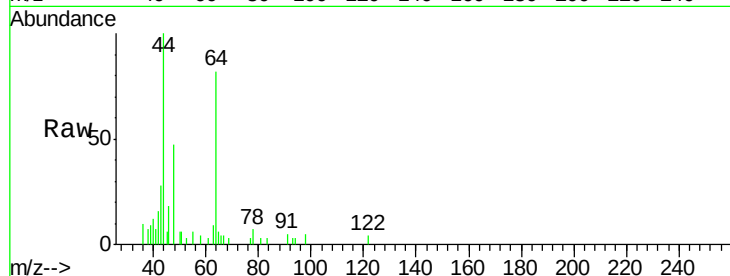
VHBLK01

Tgt Ion: 43 Resp: 1404

Ion Ratio Lower Upper

43 100

58 14.5 0.0 57.8



#35

Methylcyclohexane

Concen: 0.76 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.05 min

Lab File: VV005818.D

Acq: 07 May 2018 15:42

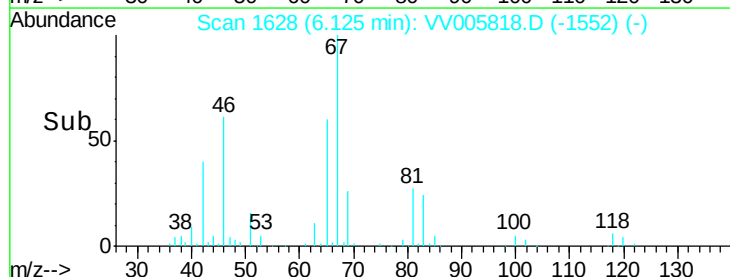
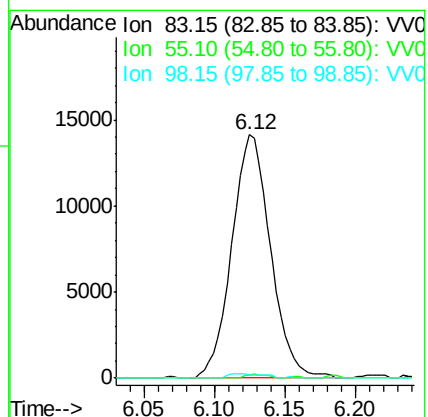
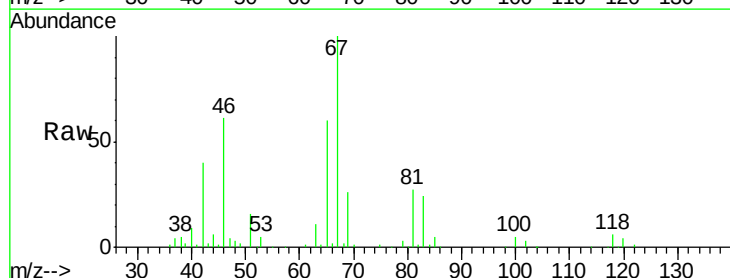
Tgt Ion: 83 Resp: 27145

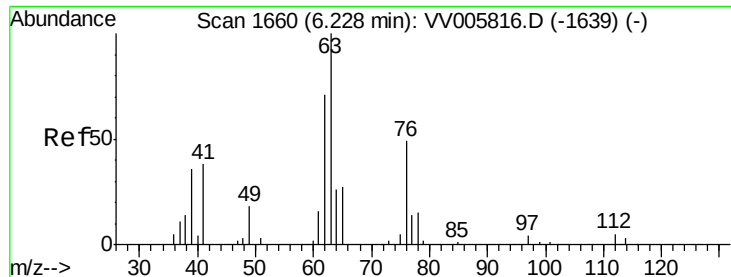
Ion Ratio Lower Upper

83 100

55 0.8 64.1 96.1#

98 1.6 37.0 55.4#

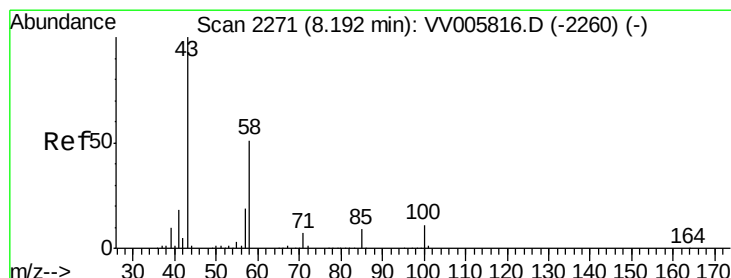
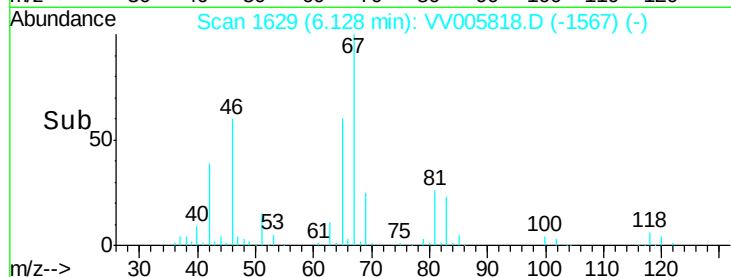
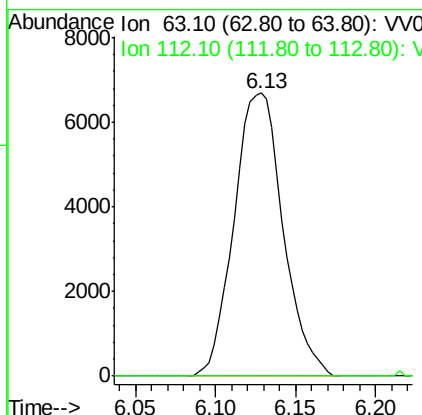
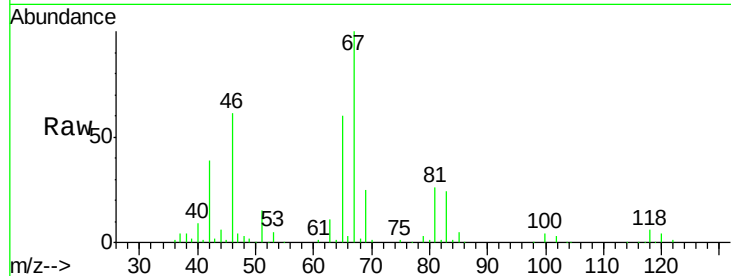




#37  
 1,2-Dichloropropane  
 Concen: 0.64 ug/L  
 RT: 6.13 min Scan# 1629  
 Delta R.T. -0.10 min  
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Instrument :  
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 VHBLK01

Tgt Ion: 63 Resp: 13998  
 Ion Ratio Lower Upper  
 63 100  
 112 0.2 3.5 5.3#



#48  
 2-Hexanone  
 Concen: 1.96 ug/L  
 RT: 8.20 min Scan# 2272  
 Delta R.T. 0.00 min  
 Lab File: VV005818.D  
 Acq: 07 May 2018 15:42

Tgt Ion: 43 Resp: 19678  
 Ion Ratio Lower Upper  
 43 100  
 58 23.2 40.2 60.2#  
 57 14.5 14.6 22.0#  
 100 4.8 8.6 12.8#

