

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_V\DATA\VV061618\  
 Data File : VV006314.D  
 Acq On : 16 Jun 2018 12:18  
 Operator : SY/MD  
 Sample : J3549-01  
 Misc : 25 mL/MSVOA\_V/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 ESWD6

Quant Time: Jun 18 01:17:34 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR053118WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Mon Jun 18 01:15:51 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 354658   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 320499   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 144510   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 72698    | 3.75     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 75.00%  |
| 7) Chloroethane-d5             | 1.58   | 69    | 61607    | 3.97     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 79.40%  |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 101456   | 2.69     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 53.80%# |
| 20) 2-Butanone-d5              | 3.95   | 46    | 189328   | 46.03    | ug/L | -0.02   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 92.06%  |
| 24) Chloroform-d               | 4.41   | 84    | 139388   | 3.72     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 74.40%  |
| 26) 1,2-Dichloroethane-d4      | 5.09   | 65    | 71235    | 3.93     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 78.60%  |
| 32) Benzene-d6                 | 5.10   | 84    | 291642   | 3.79     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 75.80%  |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 90283    | 3.90     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 78.00%  |
| 41) Toluene-d8                 | 7.36   | 98    | 267129   | 3.64     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 72.80%  |
| 43) trans-1,3-Dichloropropene- | 7.67   | 79    | 29434    | 2.84     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 56.80%  |
| 46) 2-Hexanone-d5              | 8.14   | 63    | 152861   | 34.17    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 68.34%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.27  | 84    | 60327    | 3.60     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 72.00%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.68  | 152   | 102711   | 4.10     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 82.00%  |

## Target Compounds

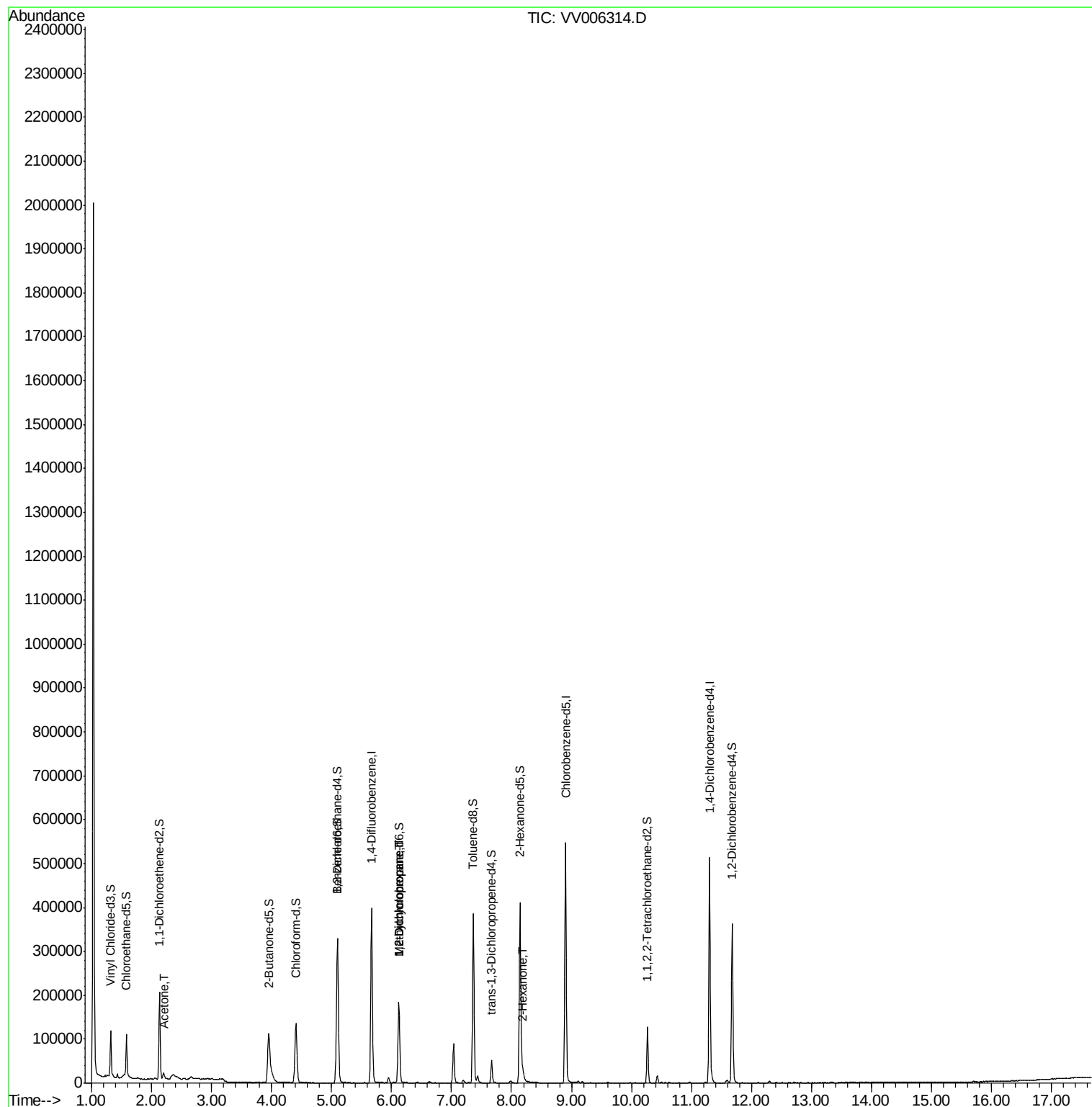
|                         |      |    |       |              | Qvalue |
|-------------------------|------|----|-------|--------------|--------|
| 13) Acetone             | 2.21 | 43 | 13631 | 6.116 ug/L   | 93     |
| 35) Methylcyclohexane   | 6.12 | 83 | 22485 | 0.542 ug/L # | 20     |
| 37) 1,2-Dichloropropane | 6.12 | 63 | 9540  | 0.451 ug/L # | 85     |
| 48) 2-Hexanone          | 8.19 | 43 | 14894 | 1.936 ug/L # | 87     |

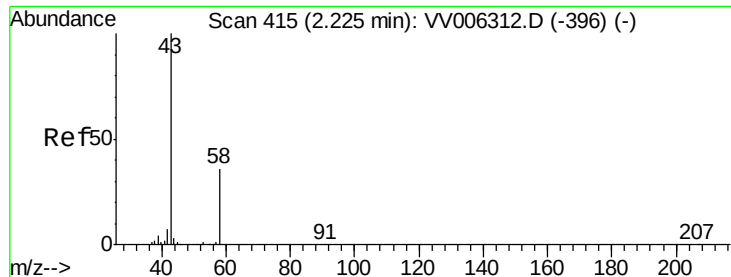
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jun 18 01:15:51 2018  
Response via : Initial Calibration





#13

Acetone

Concen: 6.116 ug/L

RT: 2.21 min Scan# 409

Delta R.T. -0.02 min

Lab File: VV006314.D

Acq: 16 Jun 2018 12:18

Instrument :

MSVOA\_V

ClientSampleId :

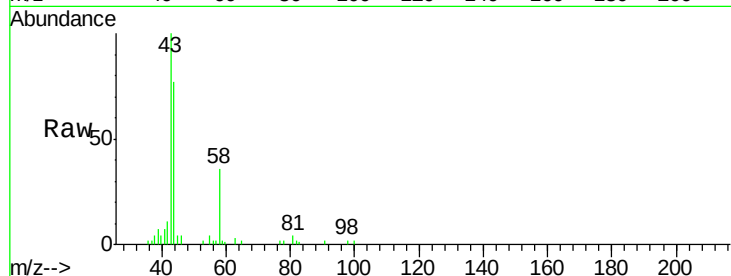
ESWD6

Tgt Ion: 43 Resp: 13631

Ion Ratio Lower Upper

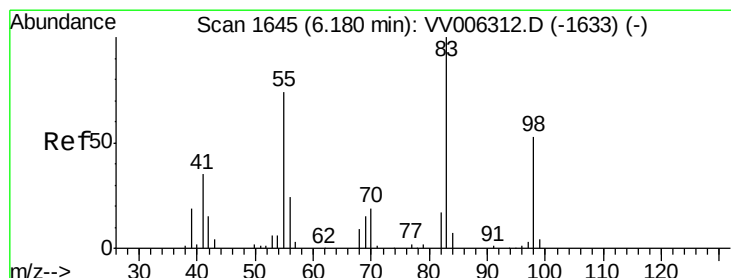
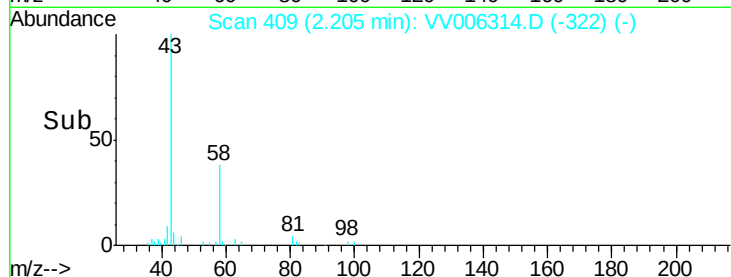
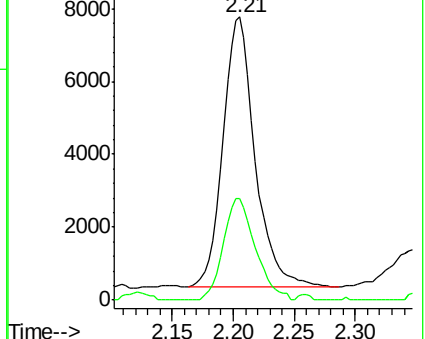
43 100

58 37.7 0.0 67.4



Abundance Ion 43.05 (42.75 to 43.75): VV006312.D (-396) (-)

Ion 58.05 (57.75 to 58.75): VV006312.D (-396) (-)



#35

Methylcyclohexane

Concen: 0.542 ug/L

RT: 6.12 min Scan# 1627

Delta R.T. -0.06 min

Lab File: VV006314.D

Acq: 16 Jun 2018 12:18

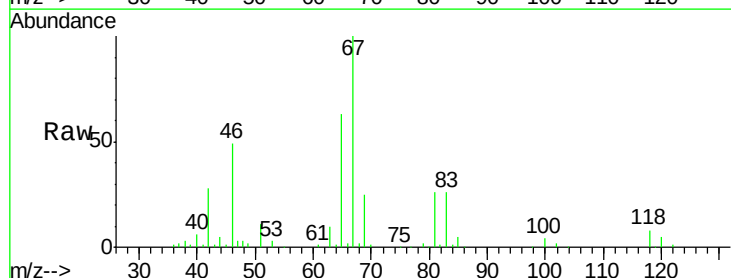
Tgt Ion: 83 Resp: 22485

Ion Ratio Lower Upper

83 100

55 0.5 57.5 86.3#

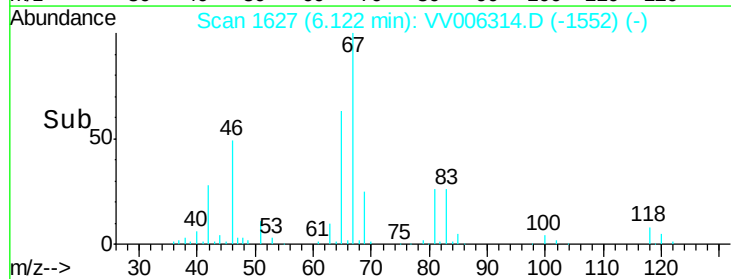
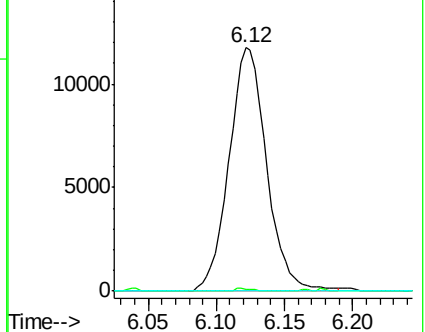
98 0.0 39.8 59.8#

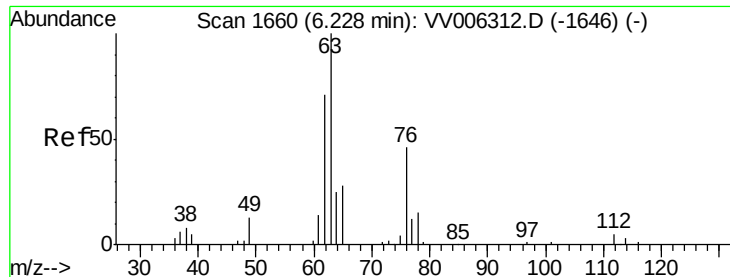


Abundance Ion 83.15 (82.85 to 83.85): VV006312.D (-1633) (-)

Ion 55.10 (54.80 to 55.80): VV006312.D (-1633) (-)

Ion 98.15 (97.85 to 98.85): VV006312.D (-1633) (-)

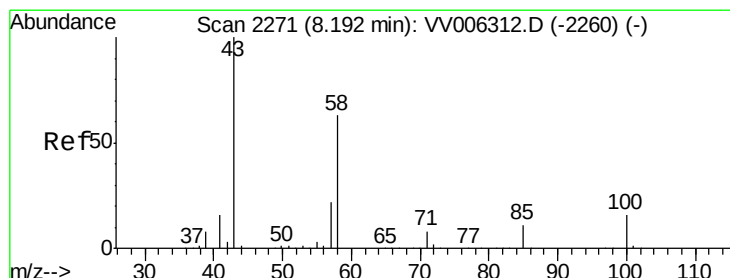
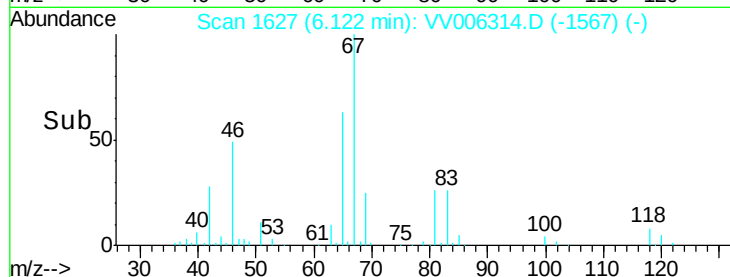
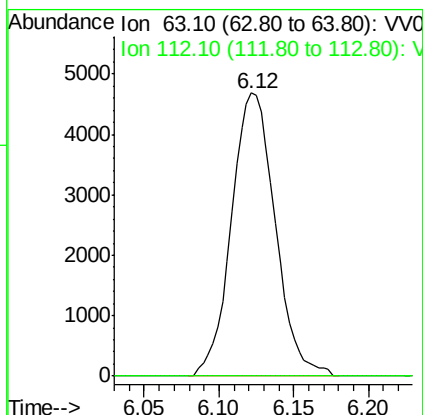
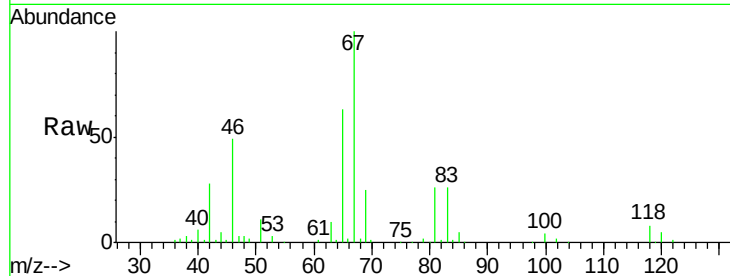




#37  
 1,2-Dichloropropane  
 Concen: 0.451 ug/L  
 RT: 6.12 min Scan# 1627  
 Delta R.T. -0.11 min  
 Lab File: VV006314.D  
 Acq: 16 Jun 2018 12:18

Instrument :  
 MSVOA\_V  
 ClientSampled :  
 ESWD6

Tgt Ion: 63 Resp: 9540  
 Ion Ratio Lower Upper  
 63 100  
 112 0.0 4.1 6.1#



#48  
 2-Hexanone  
 Concen: 1.936 ug/L  
 RT: 8.19 min Scan# 2271  
 Delta R.T. -0.00 min  
 Lab File: VV006314.D  
 Acq: 16 Jun 2018 12:18

Tgt Ion: 43 Resp: 14894  
 Ion Ratio Lower Upper  
 43 100  
 58 50.6 48.6 72.8  
 57 16.6 17.5 26.3#  
 100 8.5 12.6 18.8#

