

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_R\DATA\VR071318\  
 Data File : VR025463.D  
 Acq On : 13 Jul 2018 15:49  
 Operator : SY/MD  
 Sample : VR0713WBL01  
 Misc : 25mL/MSVOA\_R/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_R  
 ClientSampleId :  
 VBLK83

Quant Time: Jul 13 23:51:18 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_R\METHODS\SOMRTR070518WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Jul 13 23:51:14 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.46  | 114  | 851375   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.29 | 117  | 654035   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.22 | 152  | 233776   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.14   | 65    | 134196   | 5.72     | ug/L | -0.01   |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 114.40% |
| 7) Chloroethane-d5             | 2.63   | 69    | 103613   | 5.18     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 103.60% |
| 11) 1,1-Dichloroethene-d2      | 3.63   | 63    | 261671   | 3.68     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 73.60%  |
| 20) 2-Butanone-d5              | 6.59   | 46    | 311652   | 42.75    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 85.50%  |
| 24) Chloroform-d               | 7.20   | 84    | 475756   | 4.10     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 82.00%  |
| 26) 1,2-Dichloroethane-d4      | 7.89   | 65    | 178004   | 4.00     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 80.00%  |
| 32) Benzene-d6                 | 7.86   | 84    | 1031690  | 4.72     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 94.40%  |
| 36) 1,2-Dichloropropane-d6     | 8.90   | 67    | 274264   | 4.32     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 86.40%  |
| 41) Toluene-d8                 | 9.97   | 98    | 883965   | 4.60     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 92.00%  |
| 43) trans-1,3-Dichloropropene- | 10.24  | 79    | 75412    | 4.48     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 89.60%  |
| 46) 2-Hexanone-d5              | 10.59  | 63    | 233072   | 42.87    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 85.74%  |
| 57) 1,1,2,2-Tetrachloroethane- | 12.36  | 84    | 108026   | 3.81     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 76.20%  |
| 64) 1,2-Dichlorobenzene-d4     | 13.51  | 152   | 182330   | 4.72     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 94.40%  |

## Target Compounds

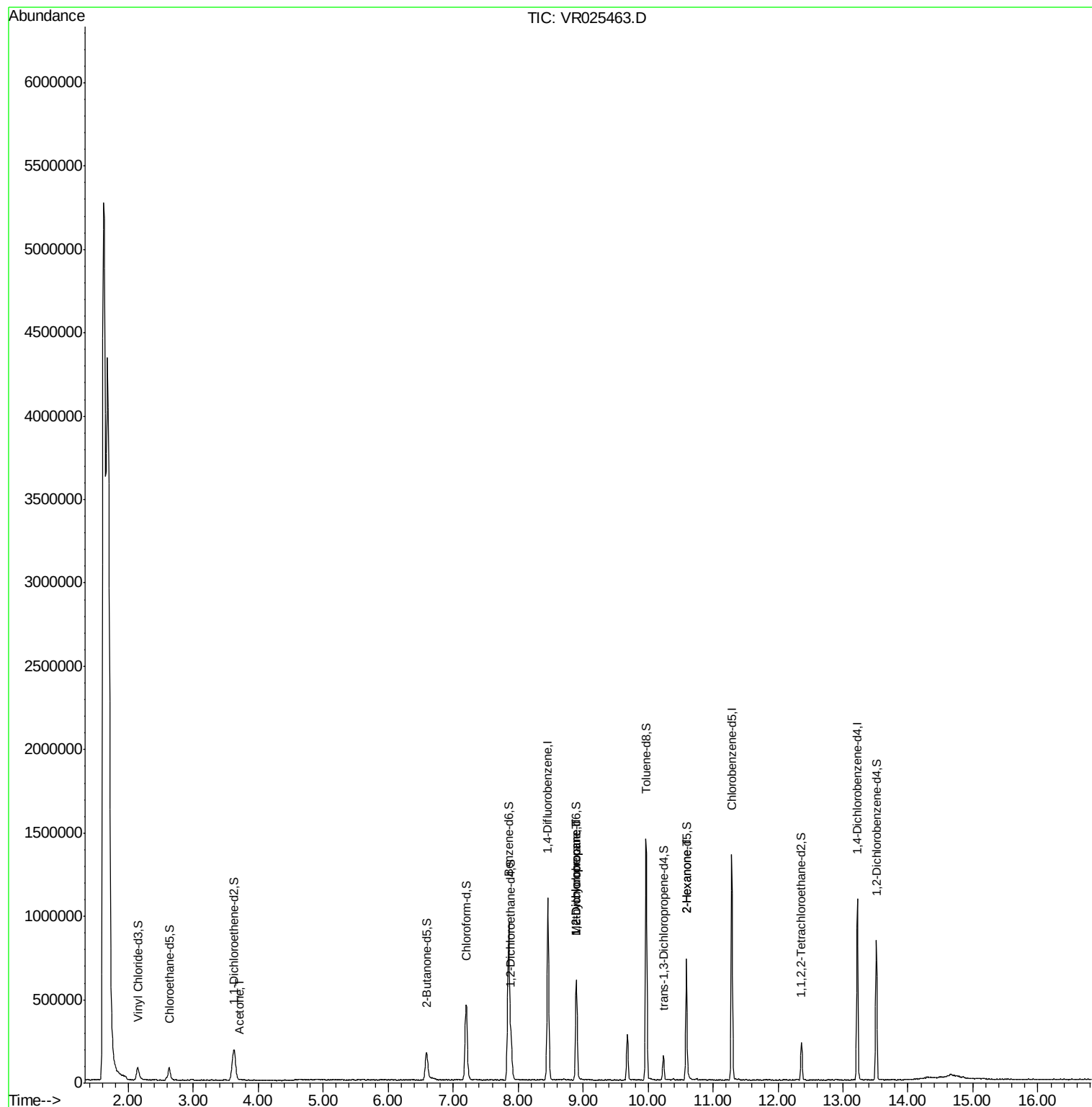
|                         |       |    |       |              | Qvalue |
|-------------------------|-------|----|-------|--------------|--------|
| 13) Acetone             | 3.71  | 43 | 1452  | 0.442 ug/L   | 79     |
| 35) Methylcyclohexane   | 8.90  | 83 | 63548 | 0.828 ug/L # | 18     |
| 37) 1,2-Dichloropropane | 8.90  | 63 | 29092 | 0.555 ug/L # | 91     |
| 48) 2-Hexanone          | 10.59 | 43 | 28553 | 2.733 ug/L # | 67     |

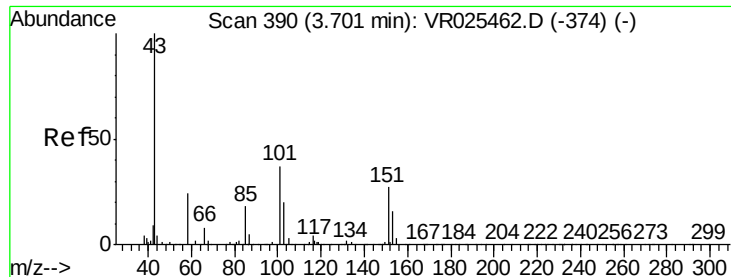
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_R\DATA\VR071318\  
Data File : VR025463.D  
Acq On : 13 Jul 2018 15:49  
Operator : SY/MD  
Sample : VR0713WBL01  
Misc : 25mL/MSVOA\_R/WATER  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
MSVOA\_R  
ClientSampleId :  
VBLK83

Quant Time: Jul 13 23:51:18 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_R\METHODS\SOMRTR070518WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Fri Jul 13 23:51:14 2018  
Response via : Initial Calibration





#13

Acetone

Concen: 0.442 ug/L

RT: 3.71 min Scan# 391

Delta R.T. 0.01 min

Lab File: VR025463.D

Acq: 13 Jul 2018 15:49

Instrument :

MSVOA\_R

ClientSampled :

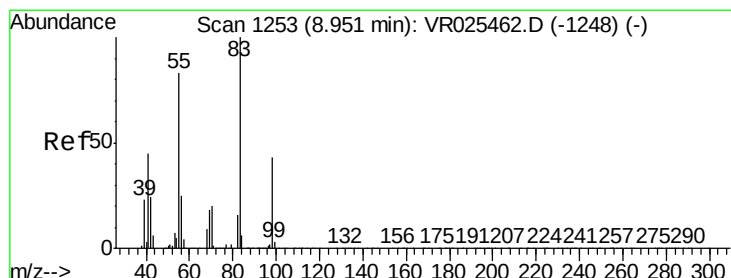
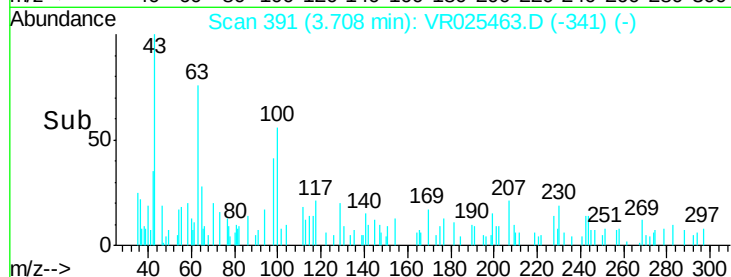
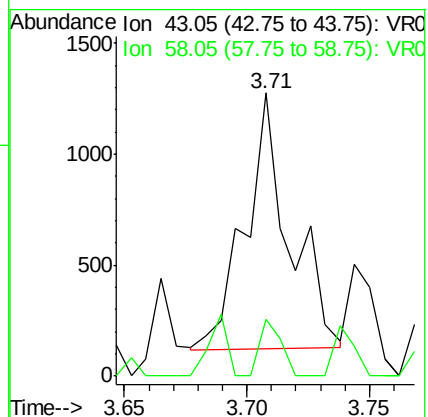
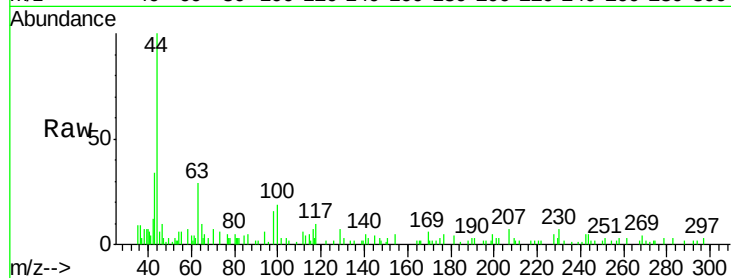
VBLK83

Tgt Ion: 43 Resp: 1452

Ion Ratio Lower Upper

43 100

58 10.8 0.0 41.6



#35

Methylcyclohexane

Concen: 0.828 ug/L

RT: 8.90 min Scan# 1244

Delta R.T. -0.05 min

Lab File: VR025463.D

Acq: 13 Jul 2018 15:49

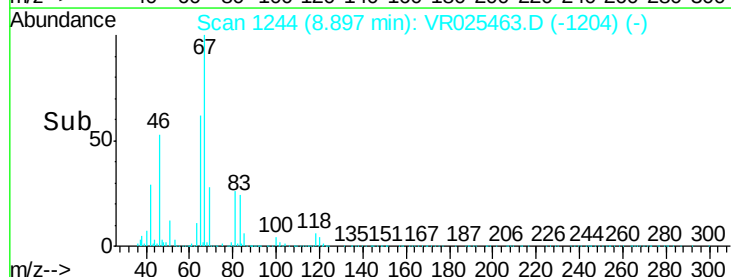
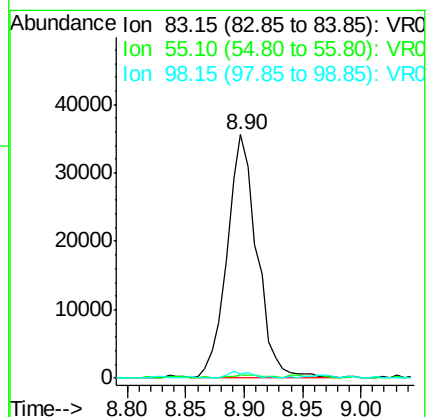
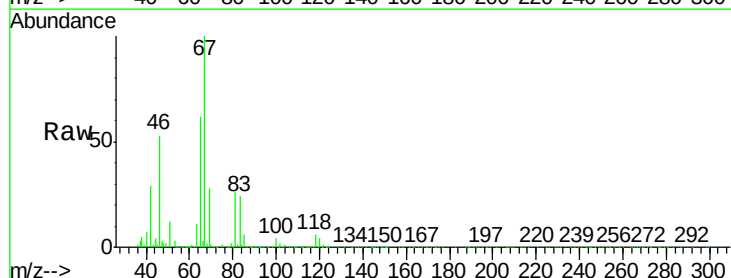
Tgt Ion: 83 Resp: 63548

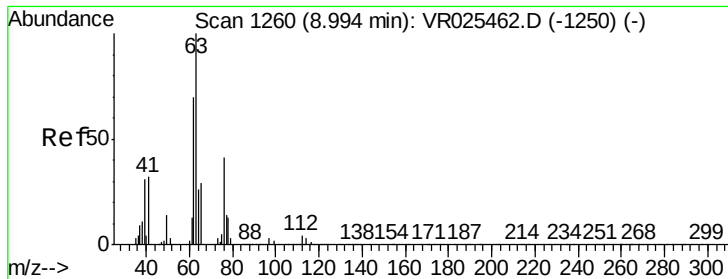
Ion Ratio Lower Upper

83 100

55 1.2 66.1 99.1#

98 2.1 36.2 54.4#

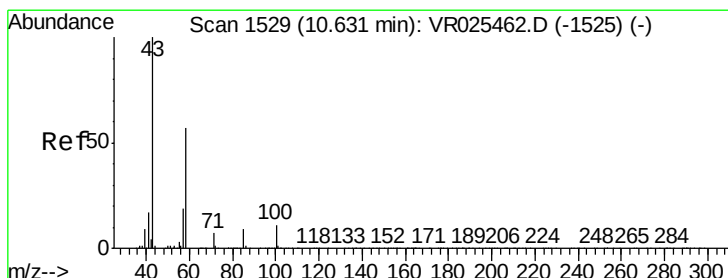
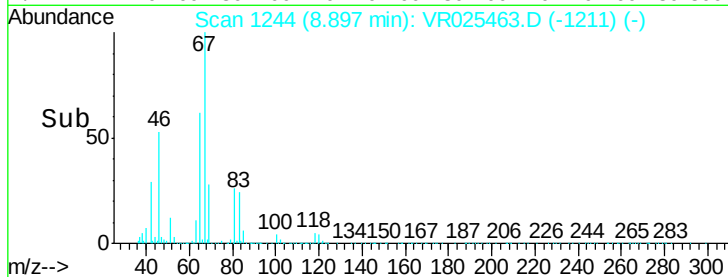
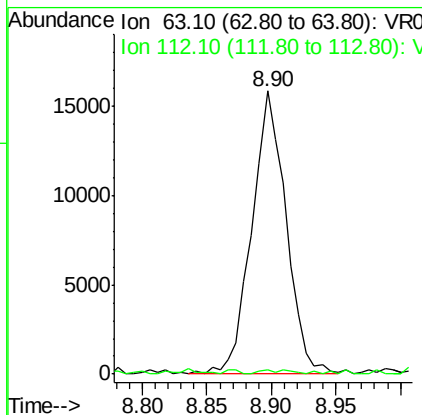
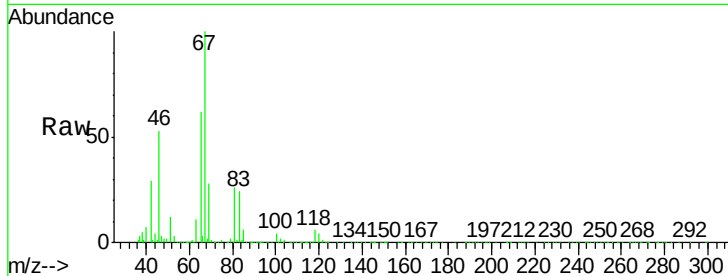




#37  
 1,2-Dichloropropane  
 Concen: 0.555 ug/L  
 RT: 8.90 min Scan# 1244  
 Delta R.T. -0.10 min  
 Lab File: VR025463.D  
 Acq: 13 Jul 2018 15:49

Instrument :  
 MSVOA\_R  
 ClientSampleId :  
 VBLK83

Tgt Ion: 63 Resp: 29092  
 Ion Ratio Lower Upper  
 63 100  
 112 0.6 2.9 4.3#



#48  
 2-Hexanone  
 Concen: 2.733 ug/L  
 RT: 10.59 min Scan# 1522  
 Delta R.T. -0.04 min  
 Lab File: VR025463.D  
 Acq: 13 Jul 2018 15:49

Tgt Ion: 43 Resp: 28553  
 Ion Ratio Lower Upper  
 43 100  
 58 23.8 43.1 64.7#  
 57 26.2 15.3 22.9#  
 100 2.2 7.9 11.9#

