

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR101618\  
 Data File : VR026103.D  
 Acq On : 16 Oct 2018 16:33  
 Operator : SY/MD  
 Sample : J5379-15  
 Misc : 25mL/MSVOA R/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_R  
 ClientSampleId :  
 VHBLK01

Quant Time: Oct 17 09:23:18 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_R\METHODS\SOMRTR101518WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Wed Oct 17 08:49:24 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.46  | 114  | 645173   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.29 | 117  | 527802   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.23 | 152  | 161748   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.15   | 65    | 235672   | 4.17     | ug/L | -0.01   |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 83.40%  |
| 7) Chloroethane-d5             | 2.63   | 69    | 189510   | 3.90     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 78.00%  |
| 11) 1,1-Dichloroethene-d2      | 3.60   | 63    | 428107   | 3.09     | ug/L | -0.02   |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 61.80%  |
| 20) 2-Butanone-d5              | 6.58   | 46    | 155228   | 33.49    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 66.98%  |
| 24) Chloroform-d               | 7.20   | 84    | 290839   | 3.24     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 64.80%# |
| 26) 1,2-Dichloroethane-d4      | 7.90   | 65    | 121757   | 3.26     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 65.20%# |
| 32) Benzene-d6                 | 7.85   | 84    | 603625   | 3.56     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 71.20%  |
| 36) 1,2-Dichloropropane-d6     | 8.89   | 67    | 156869   | 3.58     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 71.60%  |
| 41) Toluene-d8                 | 9.97   | 98    | 575149   | 3.59     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 71.80%  |
| 43) trans-1,3-Dichloropropene- | 10.23  | 79    | 34306    | 2.99     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 59.80%  |
| 46) 2-Hexanone-d5              | 10.59  | 63    | 117142   | 35.32    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 70.64%  |
| 57) 1,1,2,2-Tetrachloroethane- | 12.36  | 84    | 56046    | 3.26     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 65.20%  |
| 64) 1,2-Dichlorobenzene-d4     | 13.51  | 152   | 91214    | 3.57     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 71.40%# |

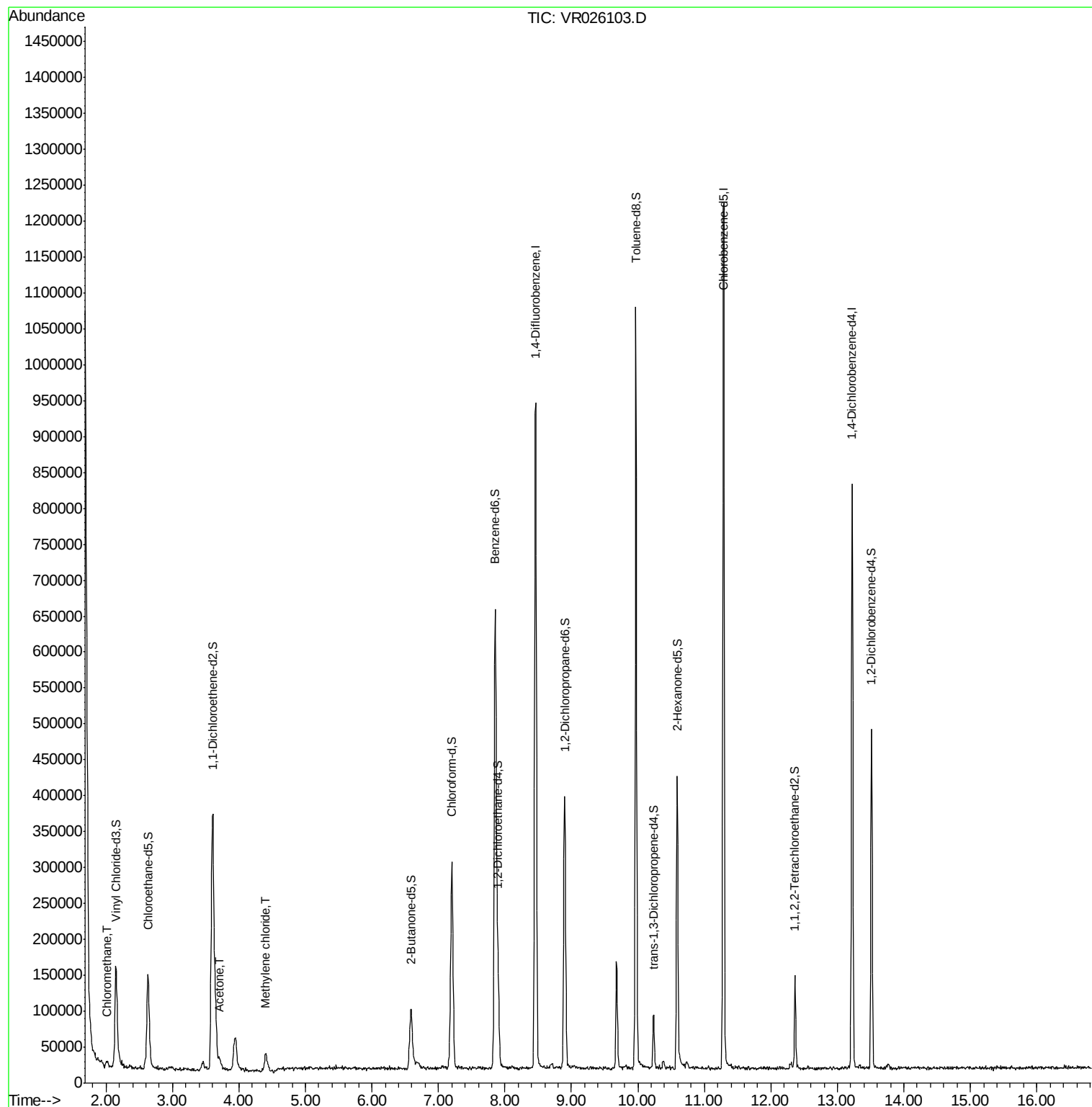
| Target Compounds       |      |    |       |            | Ovalue |
|------------------------|------|----|-------|------------|--------|
| 3) Chloromethane       | 2.01 | 50 | 13021 | 0.189 ug/L | 93     |
| 13) Acetone            | 3.70 | 43 | 18392 | 3.838 ug/L | 93     |
| 16) Methylene chloride | 4.40 | 84 | 17431 | 0.306 ug/L | 95     |

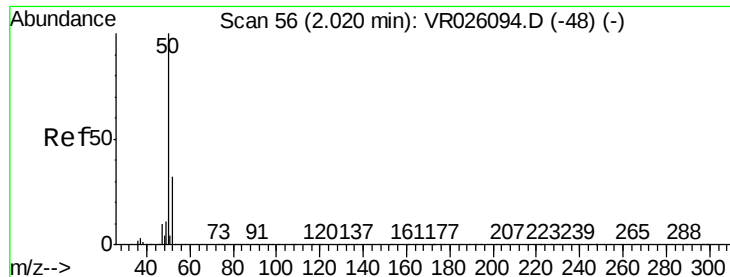
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.189 ug/L

RT: 2.01 min Scan# 54

Delta R.T. -0.01 min

Lab File: VR026103.D

Acq: 16 Oct 2018 16:33

Instrument :

MSVOA\_R

ClientSampleId :

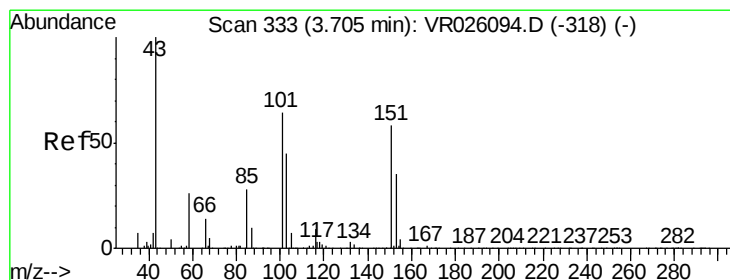
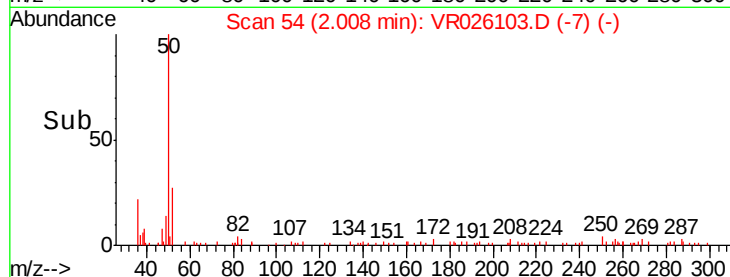
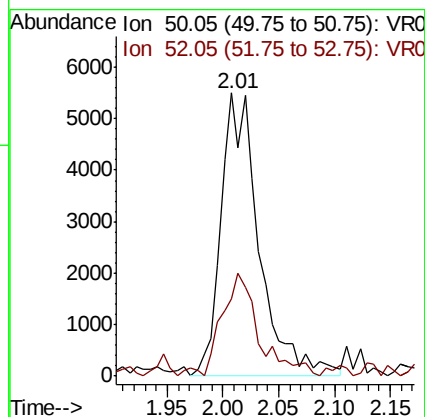
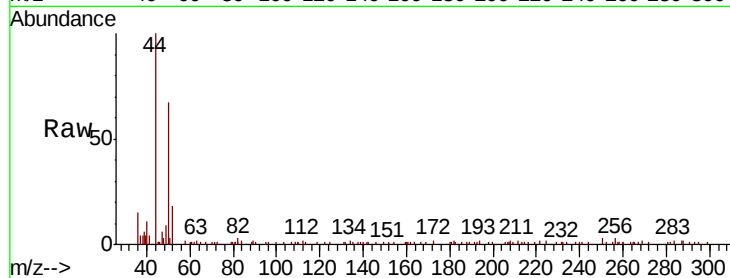
VHBLK01

Tot Ion: 50 Resp: 13021

Ion Ratio Lower Upper

50 100

52 27.4 22.0 40.8



#13

Acetone

Concen: 3.838 ug/L

RT: 3.70 min Scan# 332

Delta R.T. -0.01 min

Lab File: VR026103.D

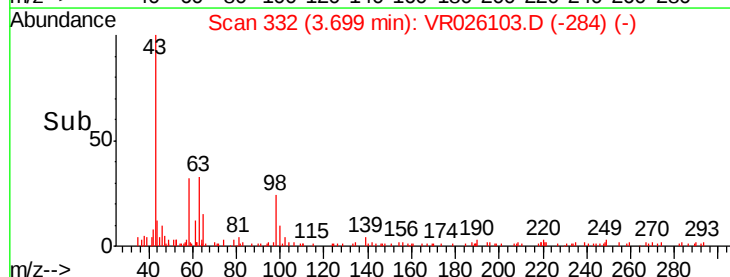
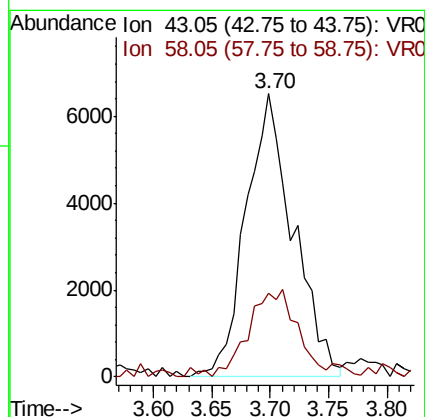
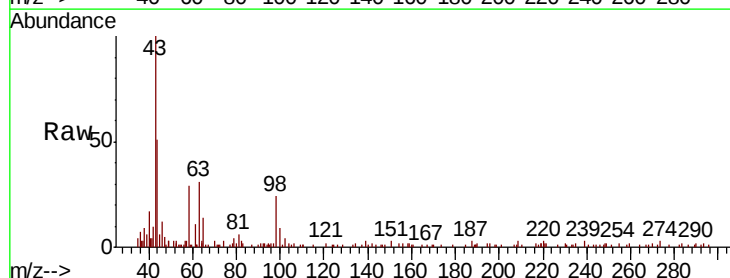
Acq: 16 Oct 2018 16:33

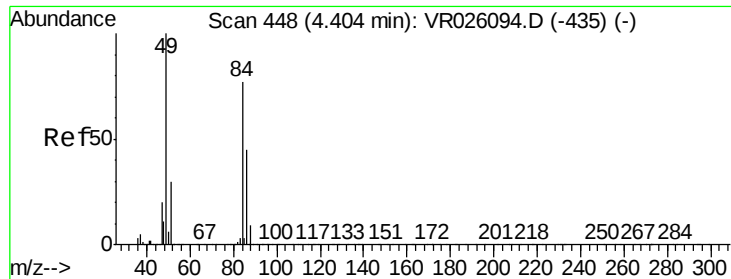
Tgt Ion: 43 Resp: 18392

Ion Ratio Lower Upper

43 100

58 31.2 0.0 55.4





#16  
Methylene chloride  
Concen: 0.306 ug/L  
RT: 4.40 min Scan# 448  
Delta R.T. 0.00 min  
Lab File: VR026103.D  
Acq: 16 Oct 2018 16:33

Instrument :  
MSVOA\_R  
ClientSampleId :  
VHBLK01

Tot Ion: 84 Resp: 17431  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 86  | 60.8  | 43.0  | 79.8  |
| 49  | 120.0 | 89.1  | 165.5 |

