

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_R\DATA\VR022619\  
 Data File : VR026389.D  
 Acq On : 26 Feb 2019 15:47  
 Operator : SY/MD  
 Sample : K1585-03  
 Misc : 25mL/MSVOA\_R/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 27 07:48:36 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_R\METHODS\SOMRTR022219WMA.M

Quant Title : TRACE VOA SOM01.0

QLast Update : Wed Feb 27 07:30:50 2019

Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.46  | 114  | 472321   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.28 | 117  | 390165   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.23 | 152  | 116993   | 5.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

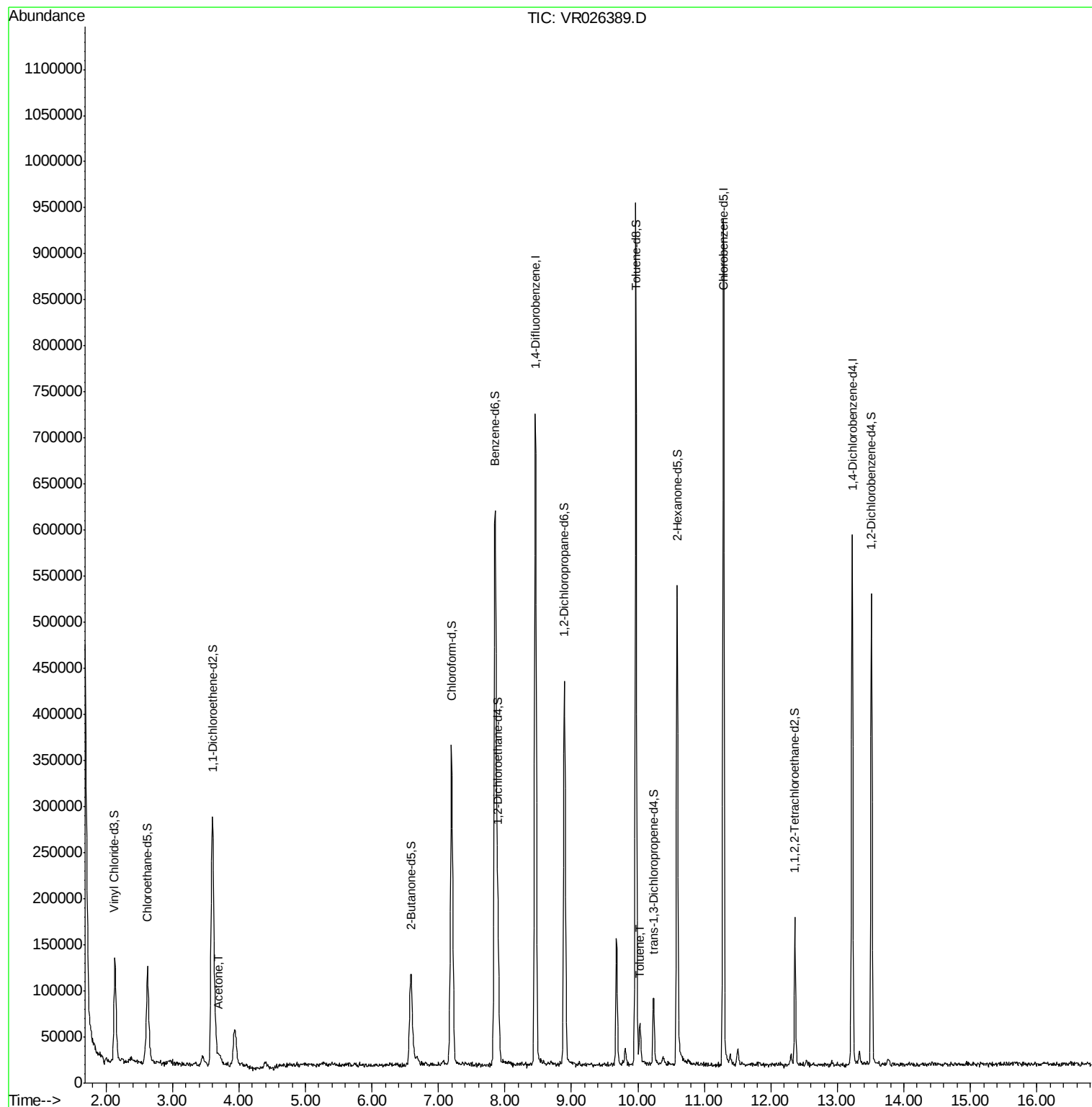
|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.14   | 65    | 159691   | 3.46     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 69.20%  |
| 7) Chloroethane-d5             | 2.63   | 69    | 142207   | 3.75     | ug/L | 0.01    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 75.00%  |
| 11) 1,1-Dichloroethene-d2      | 3.60   | 63    | 315647   | 2.91     | ug/L | -0.01   |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 58.20%# |
| 20) 2-Butanone-d5              | 6.58   | 46    | 185919   | 55.13    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 110.26% |
| 24) Chloroform-d               | 7.20   | 84    | 333229   | 4.43     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 88.60%  |
| 26) 1,2-Dichloroethane-d4      | 7.89   | 65    | 138150   | 4.52     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 90.40%  |
| 32) Benzene-d6                 | 7.85   | 84    | 585153   | 3.99     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 79.80%  |
| 36) 1,2-Dichloropropane-d6     | 8.89   | 67    | 161934   | 4.36     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 87.20%  |
| 41) Toluene-d8                 | 9.97   | 98    | 509224   | 3.85     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 77.00%  |
| 43) trans-1,3-Dichloropropene- | 10.24  | 79    | 35115    | 3.58     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 71.60%  |
| 46) 2-Hexanone-d5              | 10.59  | 63    | 136142   | 55.00    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 110.00% |
| 57) 1,1,2,2-Tetrachloroethane- | 12.36  | 84    | 62627    | 4.44     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 88.80%  |
| 64) 1,2-Dichlorobenzene-d4     | 13.51  | 152   | 105328   | 5.21     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 104.20% |

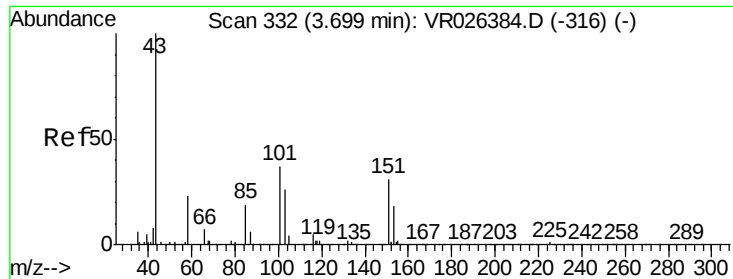
| Target Compounds |       |    |       |            | Qvalue |
|------------------|-------|----|-------|------------|--------|
| 13) Acetone      | 3.69  | 43 | 16002 | 5.275 ug/L | 98     |
| 42) Toluene      | 10.03 | 91 | 24086 | 0.160 ug/L | 95     |

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

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#13

Acetone

Concen: 5.275 ug/L

RT: 3.69 min Scan# 331

Delta R.T. -0.01 min

Lab File: VR026389.D

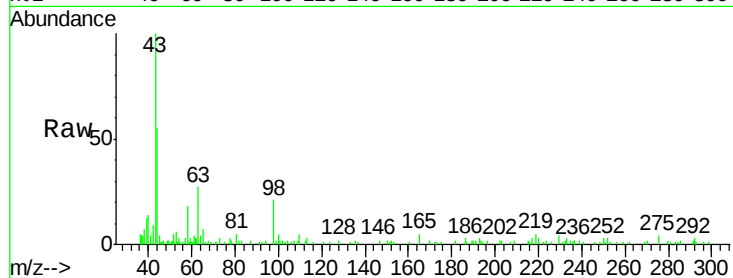
Acq: 26 Feb 2019 15:47

Tgt Ion: 43 Resp: 16002

Ion Ratio Lower Upper

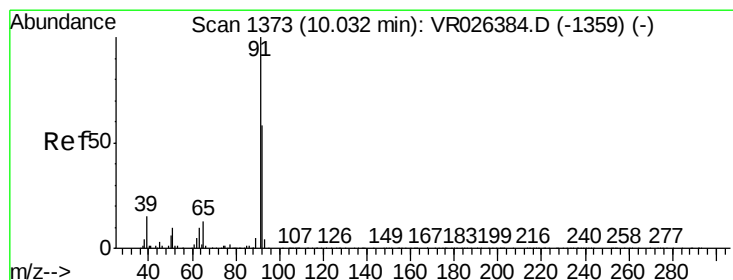
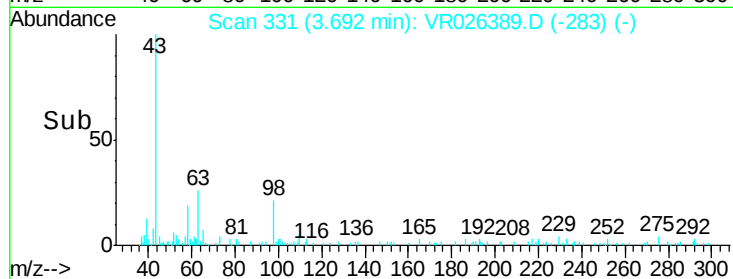
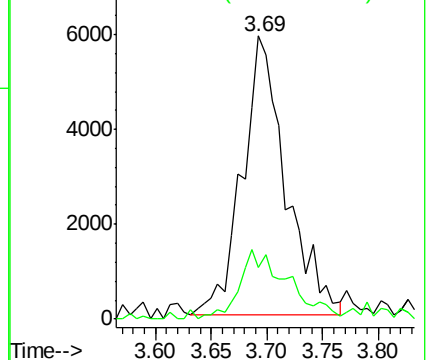
43 100

58 27.4 0.0 52.2



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0



#42

Toluene

Concen: 0.160 ug/L

RT: 10.03 min Scan# 1373

Delta R.T. -0.00 min

Lab File: VR026389.D

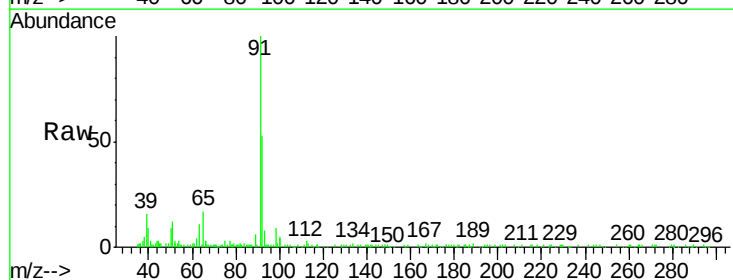
Acq: 26 Feb 2019 15:47

Tgt Ion: 91 Resp: 24086

Ion Ratio Lower Upper

91 100

92 52.9 39.6 73.6



Abundance Ion 91.15 (90.85 to 91.85): VR0

Ion 92.15 (91.85 to 92.85): VR0

