

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR061618\  
 Data File : VR025337.D  
 Acq On : 16 Jun 2018 22:27  
 Operator : SY/MD  
 Sample : J3550-07  
 Misc : 25mL/MSVOA R/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_R  
 ClientSampleId :  
 ESWF9

Quant Time: Jun 18 03:56:53 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_R\METHODS\SOMRTR061518WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Mon Jun 18 02:40:54 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.46  | 114  | 556185   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.29 | 117  | 456550   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.22 | 152  | 133934   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.14   | 65    | 86413    | 4.56     | ug/L | -0.01   |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 91.20%  |
| 7) Chloroethane-d5             | 2.63   | 69    | 73525    | 5.28     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 105.60% |
| 11) 1,1-Dichloroethene-d2      | 3.63   | 63    | 170048   | 3.49     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 69.80%  |
| 20) 2-Butanone-d5              | 6.59   | 46    | 278103   | 54.77    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 109.54% |
| 24) Chloroform-d               | 7.20   | 84    | 341754   | 4.83     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 96.60%  |
| 26) 1,2-Dichloroethane-d4      | 7.89   | 65    | 140591   | 5.19     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 103.80% |
| 32) Benzene-d6                 | 7.86   | 84    | 731625   | 4.72     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 94.40%  |
| 36) 1,2-Dichloropropane-d6     | 8.90   | 67    | 229169   | 5.21     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 104.20% |
| 41) Toluene-d8                 | 9.97   | 98    | 607029   | 4.43     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 88.60%  |
| 43) trans-1,3-Dichloropropene- | 10.24  | 79    | 34890    | 2.98     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 59.60%  |
| 46) 2-Hexanone-d5              | 10.59  | 63    | 231884   | 57.08    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 114.16% |
| 57) 1,1,2,2-Tetrachloroethane- | 12.36  | 84    | 95721    | 5.59     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 111.80% |
| 64) 1,2-Dichlorobenzene-d4     | 13.51  | 152   | 125811   | 5.54     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 110.80% |

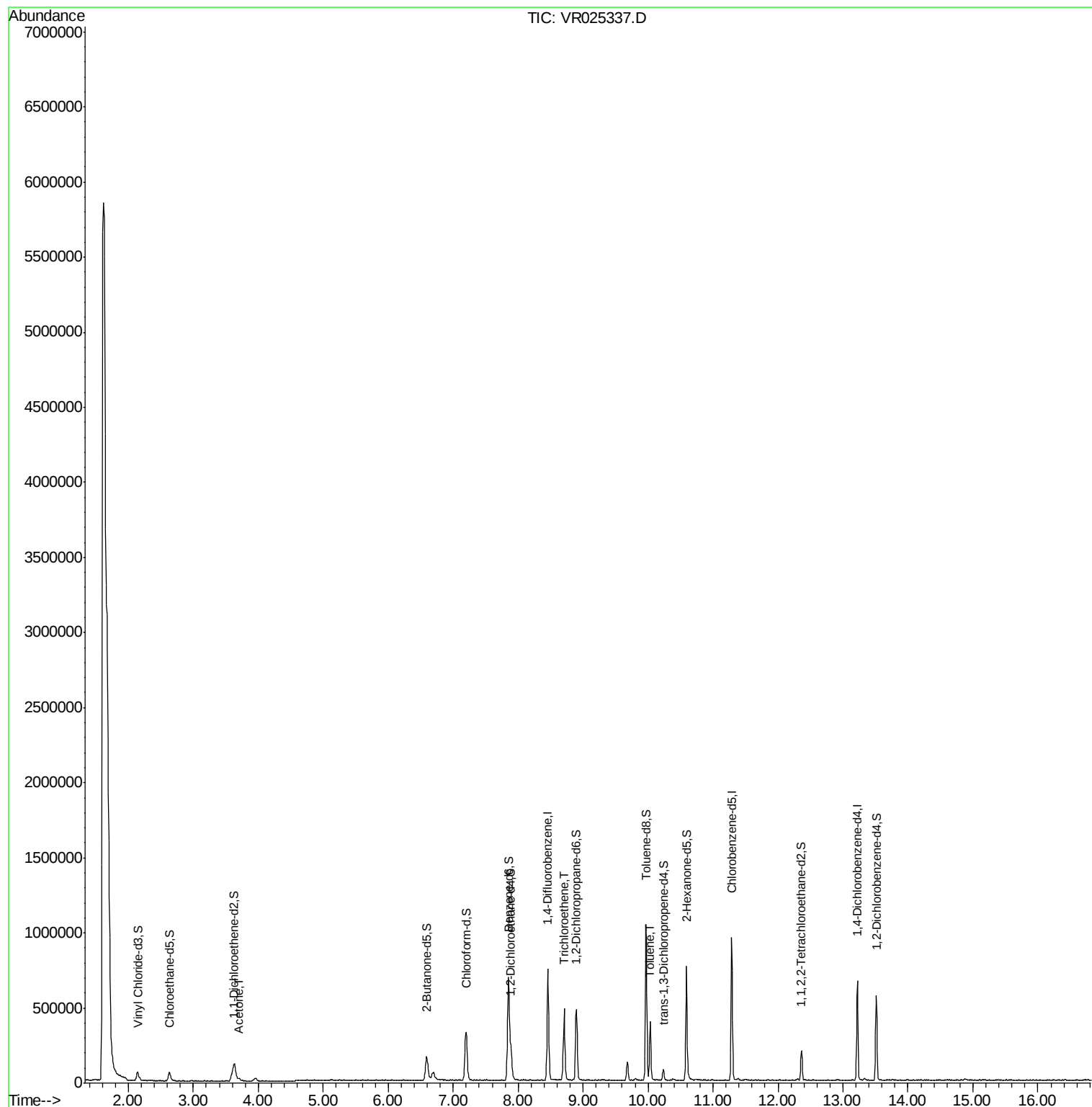
| Target Compounds    |       |    |        |             | Ovalue |
|---------------------|-------|----|--------|-------------|--------|
| 13) Acetone         | 3.71  | 43 | 29818  | 13.002 ug/L | 96     |
| 34) Trichloroethene | 8.71  | 95 | 167731 | 3.868 ug/L  | 98     |
| 42) Toluene         | 10.03 | 91 | 262492 | 1.367 ug/L  | 100    |

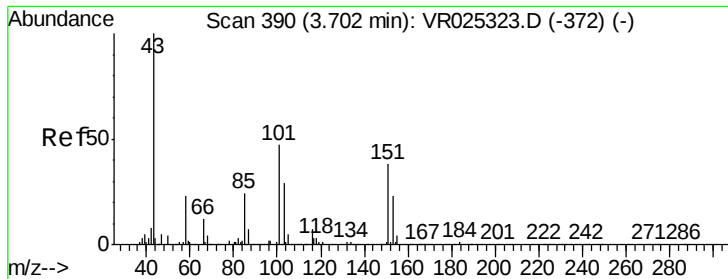
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 13.002 ug/L

RT: 3.71 min Scan# 391

Delta R.T. 0.01 min

Lab File: VR025337.D

Acq: 16 Jun 2018 22:27

Instrument :

MSVOA\_R

ClientSampled :

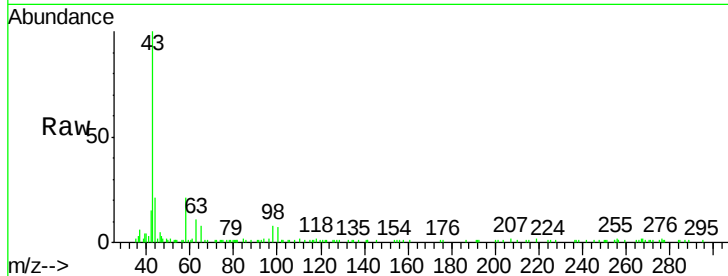
ESWF9

Tot Ion: 43 Resp: 29818

Ion Ratio Lower Upper

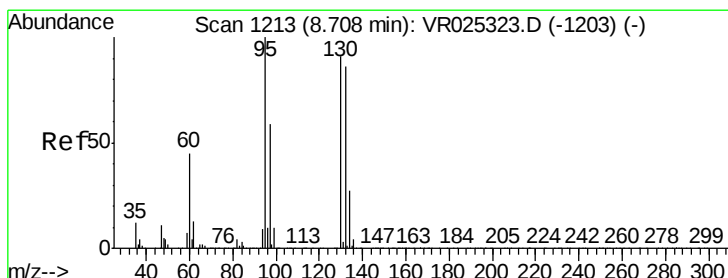
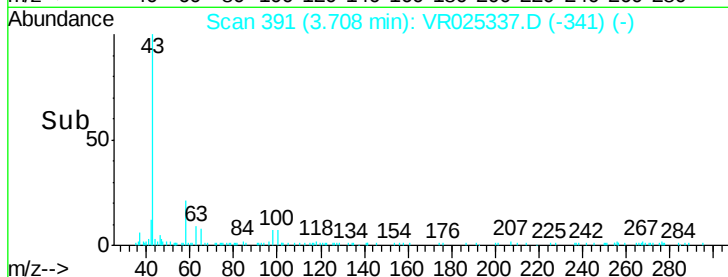
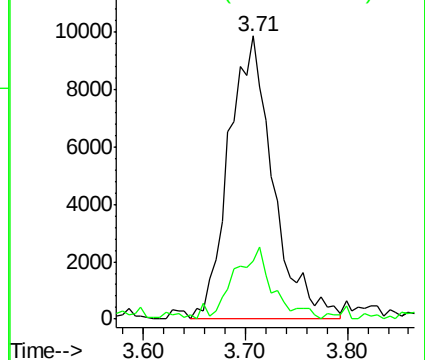
43 100

58 22.6 0.0 41.6



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0



#34

Trichloroethene

Concen: 3.868 ug/L

RT: 8.71 min Scan# 1213

Delta R.T. -0.00 min

Lab File: VR025337.D

Acq: 16 Jun 2018 22:27

Tgt Ion: 95 Resp: 167731

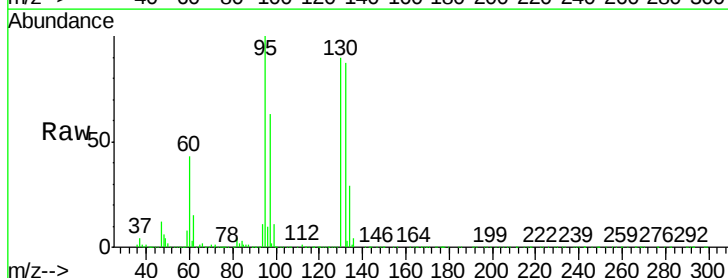
Ion Ratio Lower Upper

95 100

97 62.6 45.6 84.6

132 87.2 60.9 113.1

130 90.5 62.0 115.2

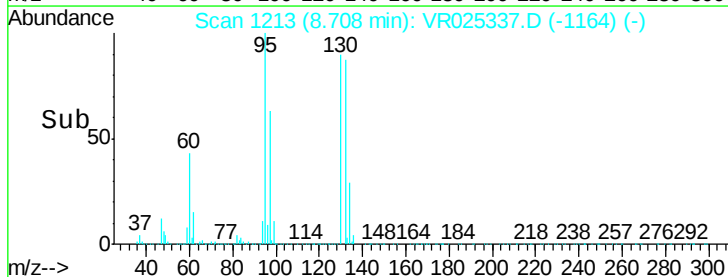
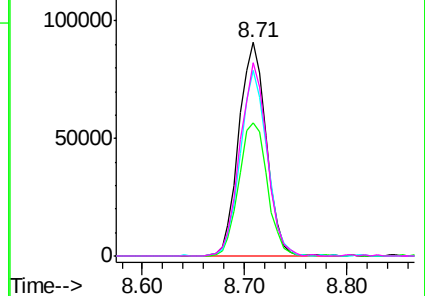


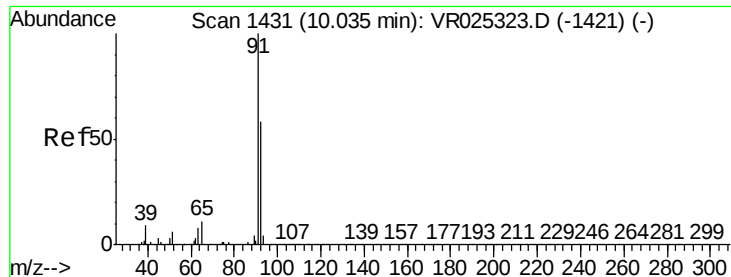
Abundance Ion 95.00 (94.70 to 95.70): VR0

Ion 96.95 (96.65 to 97.65): VR0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V





#42

Toluene

Concen: 1.367 ug/L

RT: 10.03 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VR025337.D

Acq: 16 Jun 2018 22:27

Instrument :

MSVOA\_R

ClientSampleId :

ESWF9

Tot Ion: 91 Resp: 262492

Ion Ratio Lower Upper

91 100

92 59.8 41.9 77.7

