

Data File : VV008591.D  
Acq On : 16 Nov 2018 19:35  
Operator : SY/MD  
Sample : J5987-03  
Misc : 25.0 mL/MSVOA\_V/WATER  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
COL29

Quant Time: Nov 17 04:48:24 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR111718WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Sat Nov 17 04:38:54 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 147028   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 134883   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 59276    | 5.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 31554    | 4.83     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 96.60%  |
| 7) Chloroethane-d5             | 1.58   | 69    | 26792    | 4.98     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 99.60%  |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 46667    | 3.52     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 70.40%  |
| 20) 2-Butanone-d5              | 3.97   | 46    | 119852   | 51.29    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 102.58% |
| 24) Chloroform-d               | 4.41   | 84    | 83962    | 4.71     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 94.20%  |
| 26) 1,2-Dichloroethane-d4      | 5.09   | 65    | 46756    | 5.14     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 102.80% |
| 32) Benzene-d6                 | 5.10   | 84    | 175802   | 5.00     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 100.00% |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 57148    | 5.04     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 100.80% |
| 41) Toluene-d8                 | 7.36   | 98    | 161496   | 4.89     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 97.80%  |
| 43) trans-1,3-Dichloropropene- | 7.67   | 79    | 19570    | 4.52     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 90.40%  |
| 46) 2-Hexanone-d5              | 8.14   | 63    | 98829    | 50.41    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 100.82% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 38249    | 4.82     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 96.40%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.68  | 152   | 54397    | 5.08     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 101.60% |

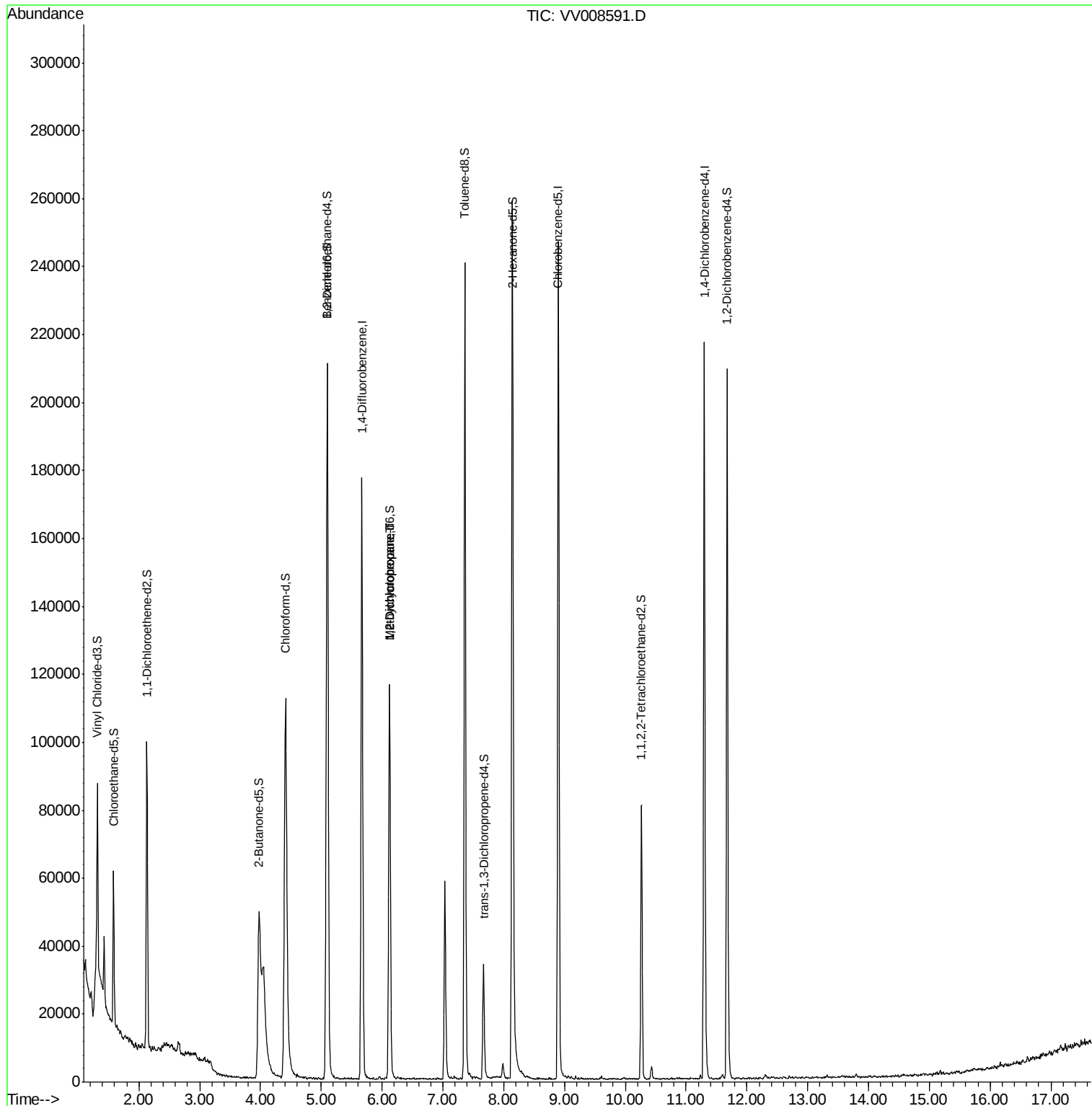
| Target Compounds        |      |    |       |              | Qvalue |
|-------------------------|------|----|-------|--------------|--------|
| 35) Methylcyclohexane   | 6.12 | 83 | 13571 | 0.709 ug/L # | 17     |
| 37) 1,2-Dichloropropane | 6.12 | 63 | 6443  | 0.573 ug/L # | 89     |

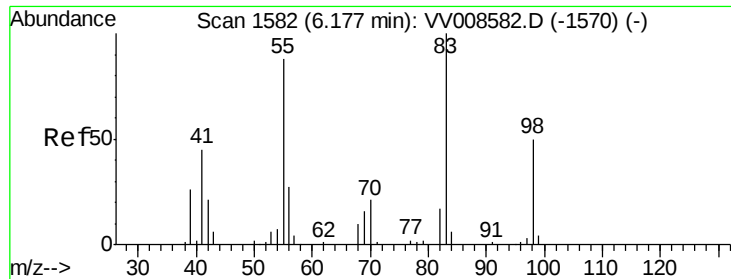
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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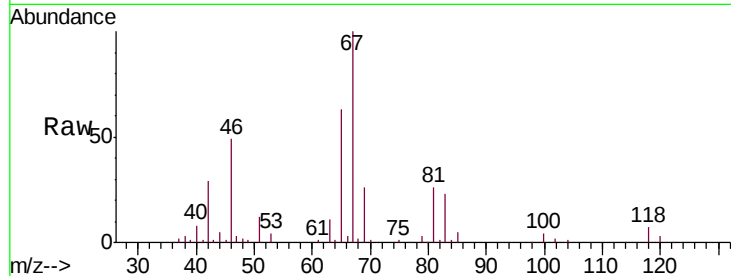




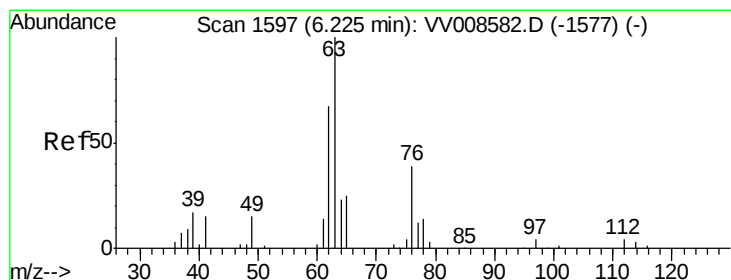
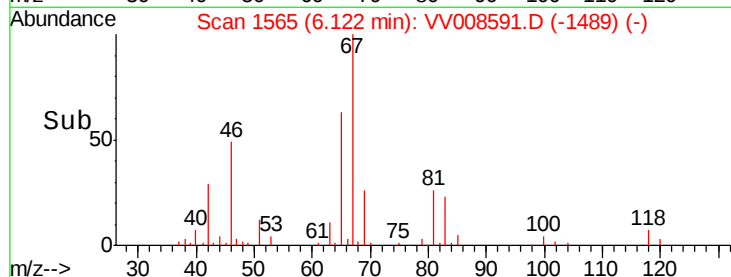
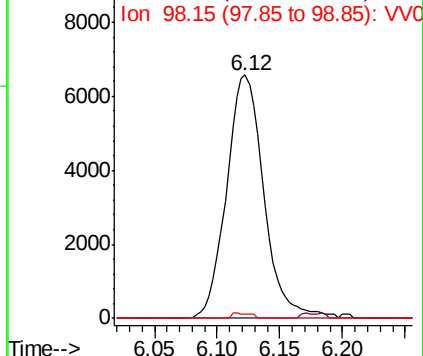
#35  
Methylcyclohexane  
Concen: 0.709 ug/L  
RT: 6.12 min Scan# 1565  
Delta R.T. -0.05 min  
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MSVOA\_V  
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Tgt Ion: 83 Resp: 13571  
Ion Ratio Lower Upper  
83 100  
55 0.7 65.6 98.4#  
98 1.0 36.4 54.6#

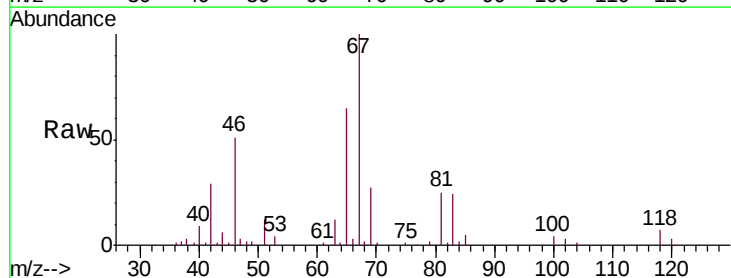


Abundance Ion 83.15 (82.85 to 83.85): VV0  
Ion 55.10 (54.80 to 55.80): VV0  
Ion 98.15 (97.85 to 98.85): VV0



#37  
1,2-Dichloropropane  
Concen: 0.573 ug/L  
RT: 6.12 min Scan# 1564  
Delta R.T. -0.11 min  
Lab File: VV008591.D  
Acq: 16 Nov 2018 19:35

Tgt Ion: 63 Resp: 6443  
Ion Ratio Lower Upper  
63 100  
112 0.0 2.8 4.2#



Abundance Ion 63.10 (62.80 to 63.80): VV0  
Ion 112.10 (111.80 to 112.80): V

