

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091519\  
 Data File : VV012798.D  
 Acq On : 15 Sep 2019 13:28  
 Operator : SY/MD  
 Sample : K4865-11  
 Misc : 25.0mL/MSVOA V/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 COMNO

Quant Time: Sep 16 08:03:55 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR090919WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Mon Sep 16 07:16:11 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 431305   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 424532   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152  | 159304   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 187778   | 6.42     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 128.40%  |
| 7) Chloroethane-d5             | 1.58   | 69    | 160310   | 6.62     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 132.40%# |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 230085   | 4.87     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 97.40%   |
| 20) 2-Butanone-d5              | 3.96   | 46    | 389150   | 55.27    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 110.54%  |
| 24) Chloroform-d               | 4.40   | 84    | 310748   | 5.84     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 116.80%  |
| 26) 1,2-Dichloroethane-d4      | 5.08   | 65    | 157131   | 6.17     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 123.40%  |
| 32) Benzene-d6                 | 5.10   | 84    | 621936   | 6.13     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 122.60%  |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 196450   | 6.10     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 122.00%  |
| 41) Toluene-d8                 | 7.36   | 98    | 501803   | 5.52     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 110.40%  |
| 43) trans-1,3-Dichloropropene- | 7.66   | 79    | 59592    | 5.38     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 107.60%  |
| 46) 2-Hexanone-d5              | 8.14   | 63    | 208277   | 49.68    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 99.36%   |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 110909   | 4.80     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 96.00%   |
| 64) 1,2-Dichlorobenzene-d4     | 11.67  | 152   | 166261   | 6.10     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 122.00%# |

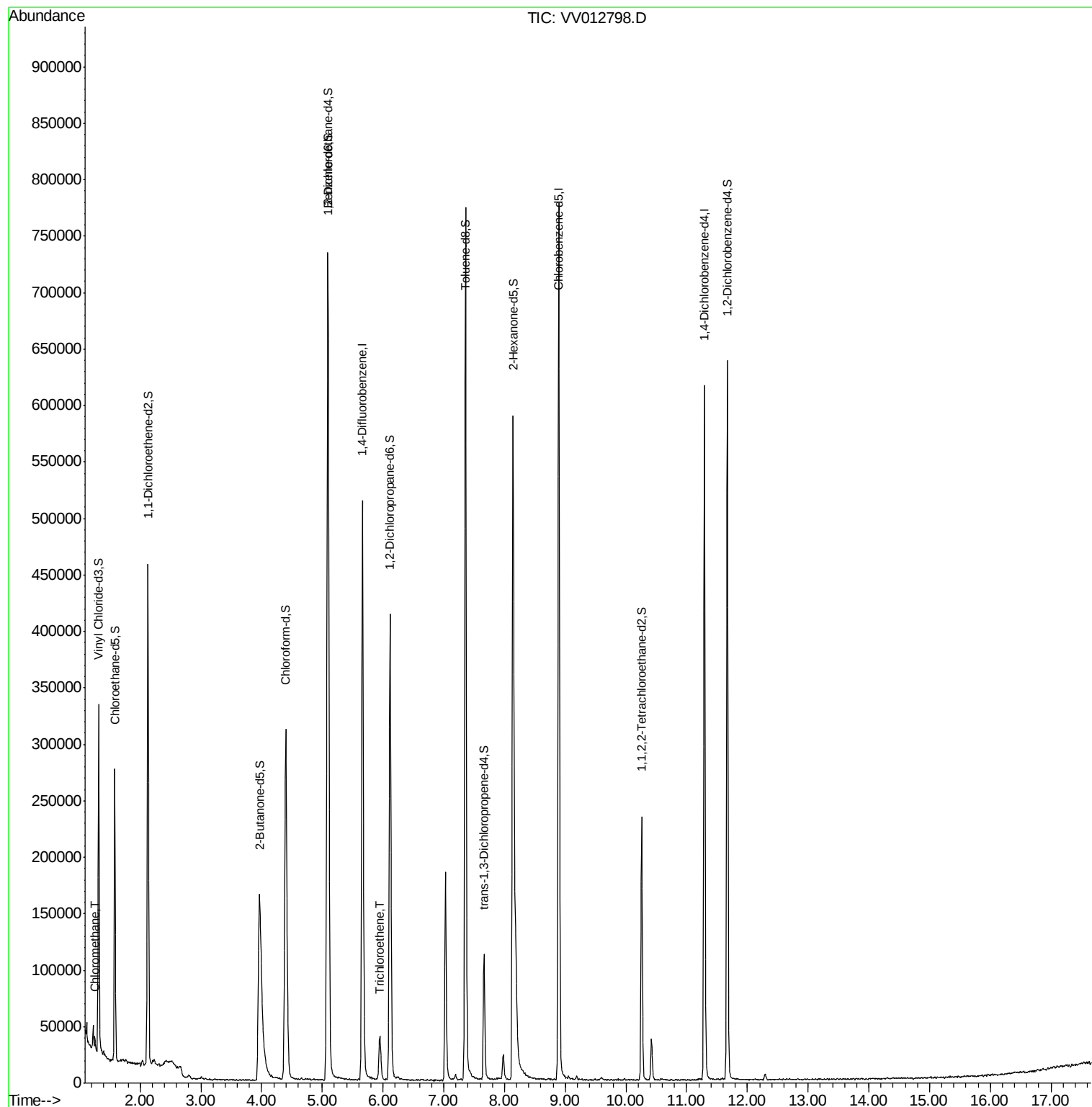
| Target Compounds    |      |    |      |            | Ovalue |
|---------------------|------|----|------|------------|--------|
| 3) Chloromethane    | 1.25 | 50 | 8118 | 0.221 ug/L | 96     |
| 34) Trichloroethene | 5.96 | 95 | 4335 | 0.126 ug/L | 89     |

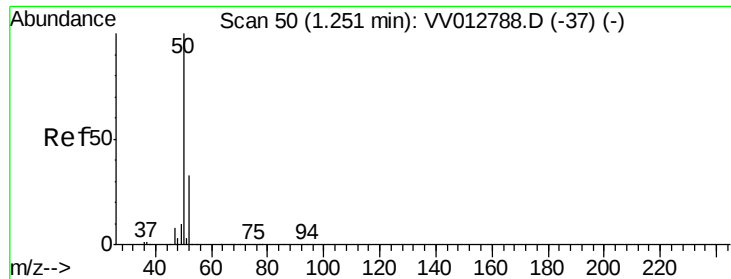
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Sep 16 07:16:11 2019  
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#3

Chloromethane

Concen: 0.221 ug/L

RT: 1.25 min Scan# 50

Delta R.T. -0.00 min

Lab File: VV012798.D

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Instrument :

MSVOA\_V

ClientSampleId :

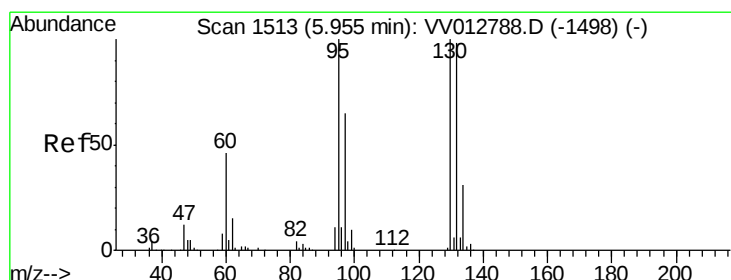
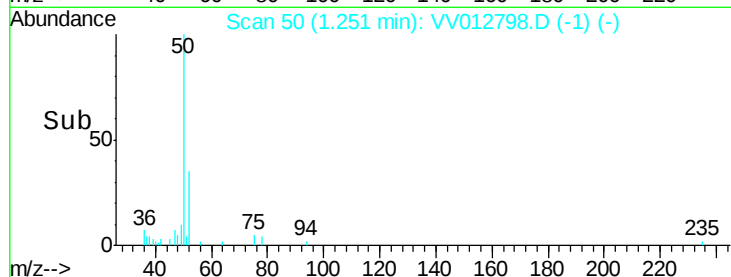
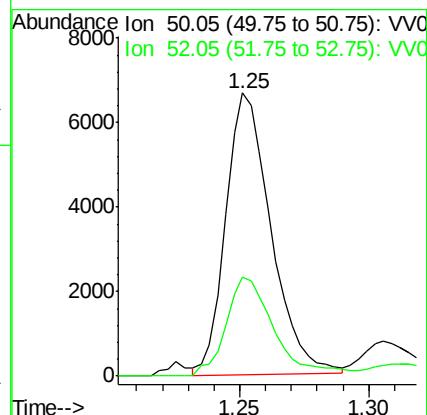
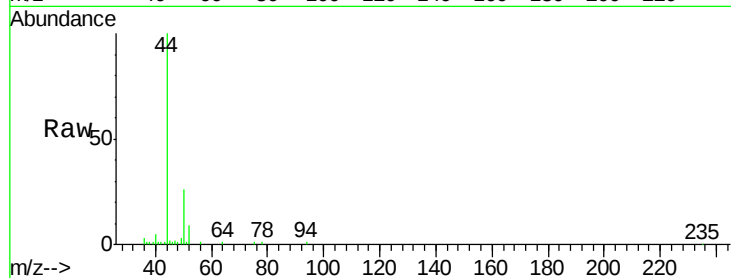
COMNO

Tot Ion: 50 Resp: 8118

Ion Ratio Lower Upper

50 100

52 35.1 22.9 42.5



#34

Trichloroethene

Concen: 0.126 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.01 min

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Acq: 15 Sep 2019 13:28

Tgt Ion: 95 Resp: 4335

Ion Ratio Lower Upper

95 100

97 51.1 45.4 84.2

132 93.3 70.2 130.4

130 94.1 74.2 137.8

