

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061419\  
 Data File : VU032718.D  
 Acq On : 14 Jun 2019 01:04  
 Operator : JC/SP  
 Sample : K3364-18  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 COM39

Quant Time: Jun 14 09:08:26 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR060419WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Jun 14 07:38:22 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 94043    | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.08  | 117  | 88849    | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 46626    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.39   | 65    | 27588    | 4.51     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 90.20%  |
| 7) Chloroethane-d5             | 1.68   | 69    | 25846    | 4.94     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 98.80%  |
| 11) 1,1-Dichloroethene-d2      | 2.27   | 63    | 42244    | 3.41     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 68.20%  |
| 20) 2-Butanone-d5              | 4.19   | 46    | 95149    | 55.76    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 111.52% |
| 24) Chloroform-d               | 4.64   | 84    | 58291    | 5.27     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 105.40% |
| 26) 1,2-Dichloroethane-d4      | 5.30   | 65    | 33198    | 5.80     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 116.00% |
| 32) Benzene-d6                 | 5.33   | 84    | 109892   | 4.98     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 99.60%  |
| 36) 1,2-Dichloropropane-d6     | 6.32   | 67    | 36097    | 5.30     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 106.00% |
| 41) Toluene-d8                 | 7.56   | 98    | 97836    | 4.79     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 95.80%  |
| 43) trans-1,3-Dichloropropene- | 7.84   | 79    | 14185    | 4.88     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 97.60%  |
| 46) 2-Hexanone-d5              | 8.31   | 63    | 74383    | 51.02    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 102.04% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.42  | 84    | 32094    | 5.59     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 111.80% |
| 64) 1,2-Dichlorobenzene-d4     | 11.85  | 152   | 42381    | 5.05     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 101.00% |

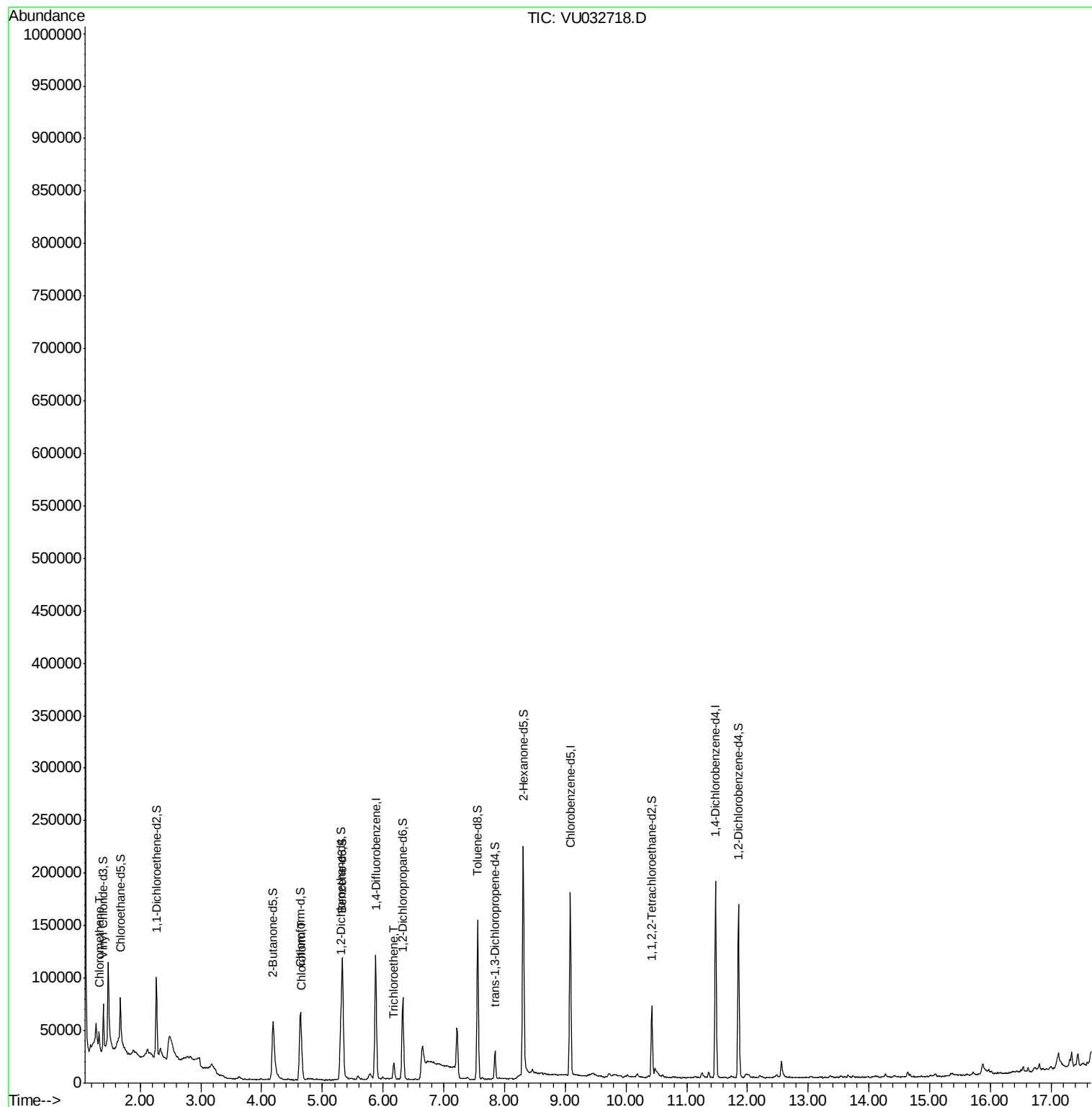
| Target Compounds    |      |    |       |            | Ovalue |
|---------------------|------|----|-------|------------|--------|
| 3) Chloromethane    | 1.32 | 50 | 12508 | 1.495 ug/L | 100    |
| 25) Chloroform      | 4.67 | 83 | 8120  | 0.689 ug/L | 97     |
| 34) Trichloroethene | 6.18 | 95 | 4726  | 0.627 ug/L | 98     |

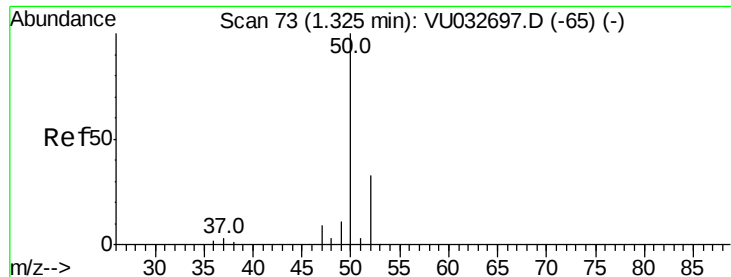
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 1.495 ug/L

RT: 1.32 min Scan# 73

Delta R.T. -0.00 min

Lab File: VU032718.D

Acq: 14 Jun 2019 01:04

Instrument :

MSVOA\_U

ClientSampled :

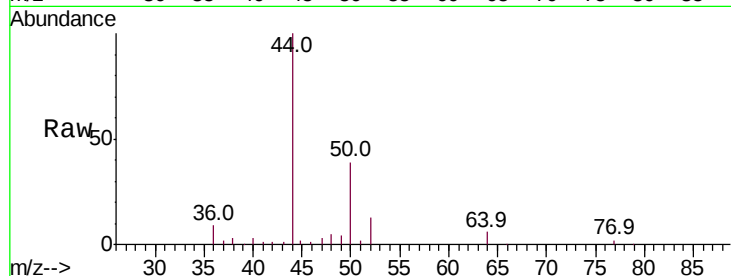
COM39

Tot Ion: 50 Resp: 12508

Ion Ratio Lower Upper

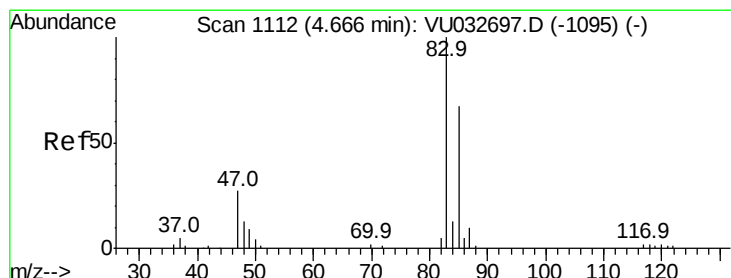
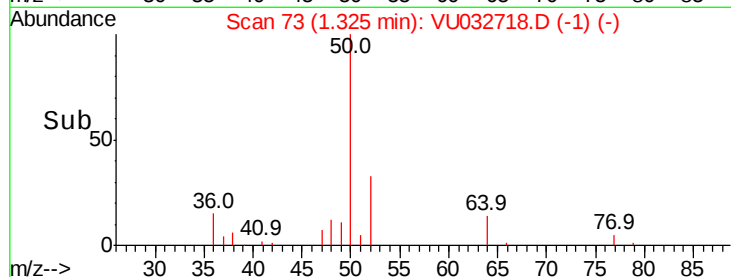
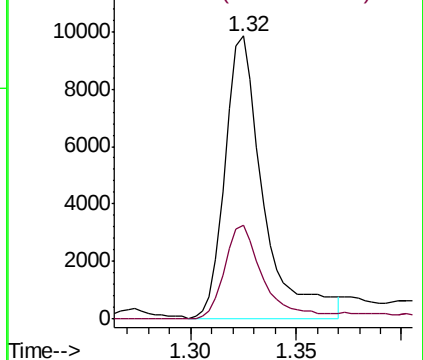
50 100

52 33.0 23.2 43.2



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#25

Chloroform

Concen: 0.689 ug/L

RT: 4.67 min Scan# 1112

Delta R.T. -0.00 min

Lab File: VU032718.D

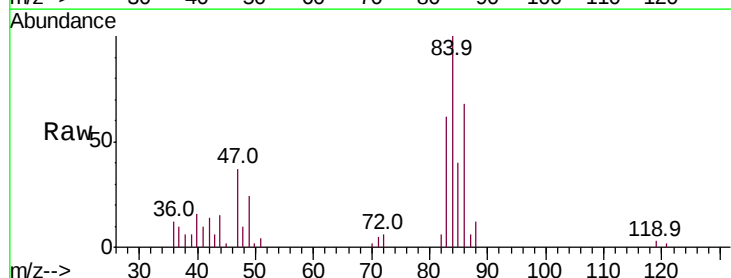
Acq: 14 Jun 2019 01:04

Tgt Ion: 83 Resp: 8120

Ion Ratio Lower Upper

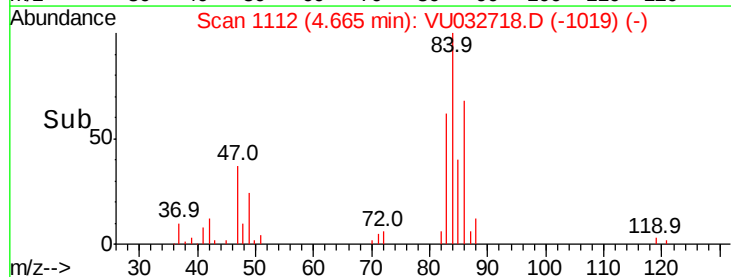
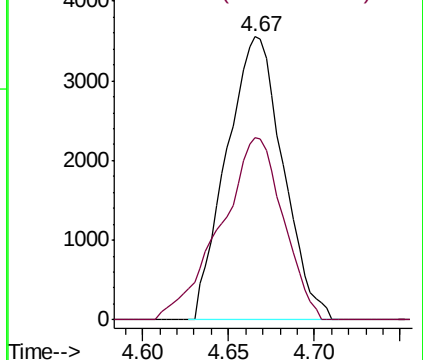
83 100

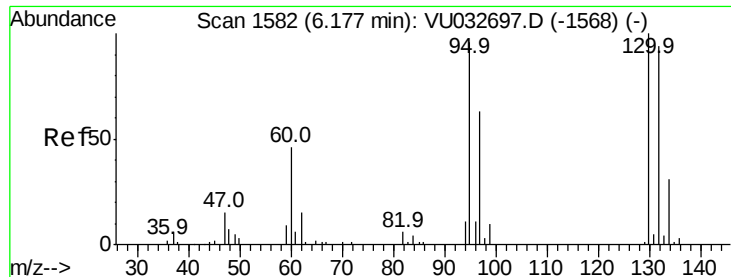
85 64.5 43.8 81.3



Abundance Ion 83.05 (82.75 to 83.75): VU0

Ion 85.00 (84.70 to 85.70): VU0





#34

Trichloroethene

Concen: 0.627 ug/L

RT: 6.18 min Scan# 1582

Delta R.T. -0.00 min

Lab File: VU032718.D

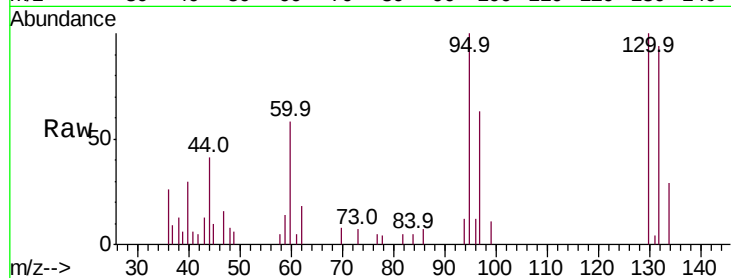
Acq: 14 Jun 2019 01:04

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Tot Ion: 95 Resp: 4726

Ion Ratio Lower Upper

95 100

97 63.4 44.1 81.9

132 94.7 68.8 127.8

130 100.3 71.0 131.8

Abundance

Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

