

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100419\  
 Data File : VU034943.D  
 Acq On : 04 Oct 2019 18:26  
 Operator : JC/SP  
 Sample : K5201-08  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0AC2

Quant Time: Oct 05 04:21:20 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR093019WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Sat Oct 05 00:29:19 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.86  | 114  | 192588   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.07  | 117  | 192790   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.46 | 152  | 79980    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40   | 65    | 70856    | 5.20     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 104.00% |
| 7) Chloroethane-d5             | 1.67   | 69    | 61263    | 5.51     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 110.20% |
| 11) 1,1-Dichloroethene-d2      | 2.26   | 63    | 96752    | 4.14     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 82.80%  |
| 20) 2-Butanone-d5              | 4.17   | 46    | 172822   | 44.52    | ug/L | -0.02   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 89.04%  |
| 24) Chloroform-d               | 4.62   | 84    | 123811   | 5.37     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 107.40% |
| 26) 1,2-Dichloroethane-d4      | 5.29   | 65    | 68949    | 4.81     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 96.20%  |
| 32) Benzene-d6                 | 5.32   | 84    | 250762   | 5.28     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 105.60% |
| 36) 1,2-Dichloropropane-d6     | 6.31   | 67    | 83538    | 5.26     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 105.20% |
| 41) Toluene-d8                 | 7.54   | 98    | 230944   | 5.06     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 101.20% |
| 43) trans-1,3-Dichloropropene- | 7.84   | 79    | 25131    | 4.30     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 86.00%  |
| 46) 2-Hexanone-d5              | 8.30   | 63    | 135420   | 46.98    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 93.96%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.41  | 84    | 64919    | 5.13     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 102.60% |
| 64) 1,2-Dichlorobenzene-d4     | 11.84  | 152   | 78863    | 5.95     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 119.00% |

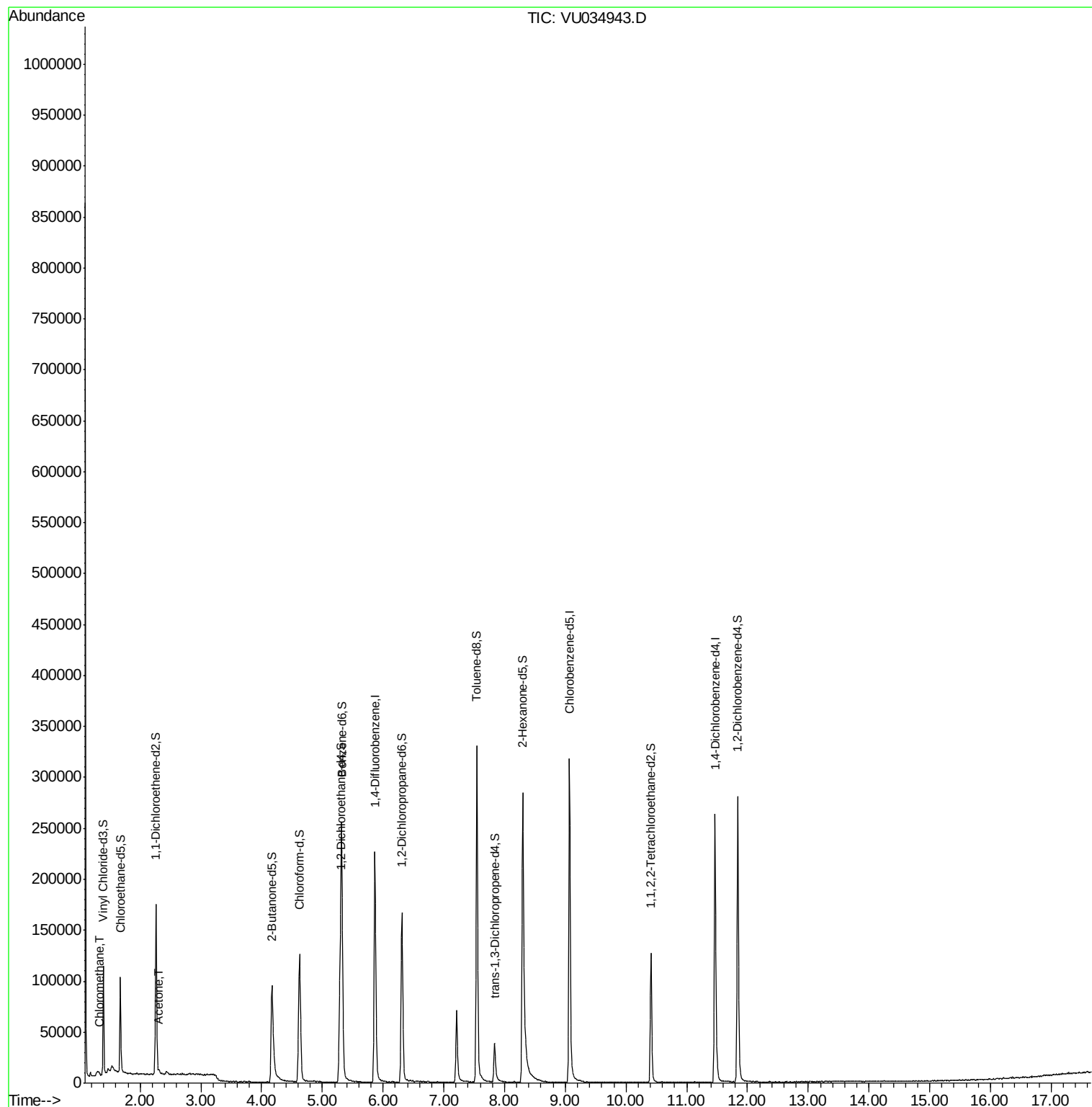
| Target Compounds |      |    |      |            | Ovalue |
|------------------|------|----|------|------------|--------|
| 3) Chloromethane | 1.32 | 50 | 1659 | 0.178 ug/L | 91     |
| 13) Acetone      | 2.31 | 43 | 4435 | 1.561 ug/L | 87     |

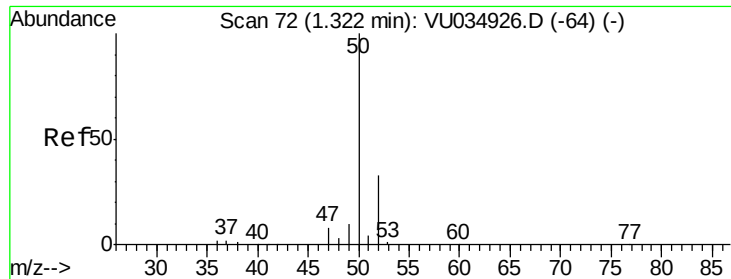
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.178 ug/L

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU034943.D

Acq: 04 Oct 2019 18:26

Instrument :

MSVOA\_U

ClientSampleId :

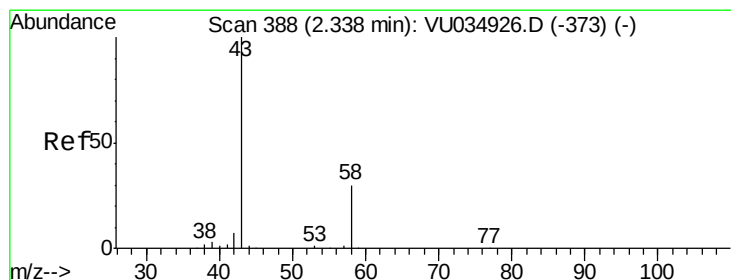
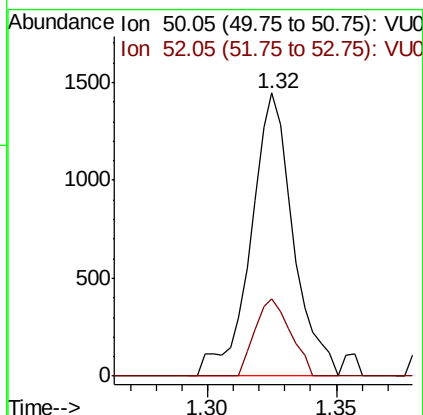
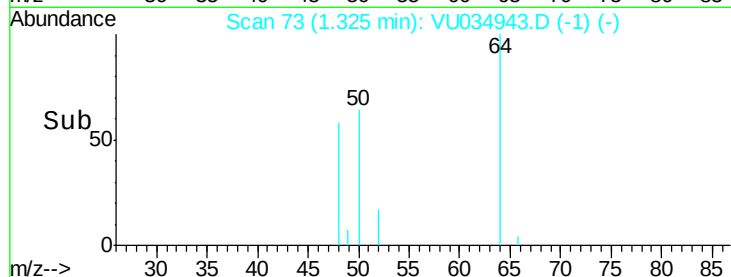
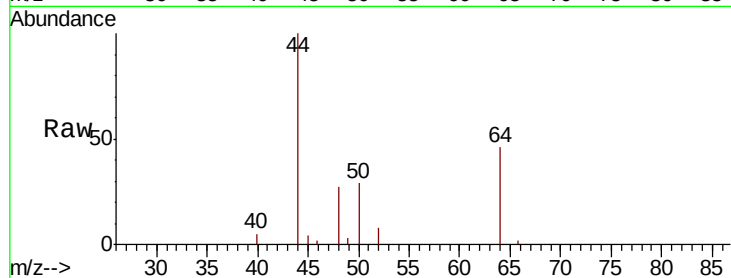
C0AC2

Tot Ion: 50 Resp: 1659

Ion Ratio Lower Upper

50 100

52 27.2 22.7 42.1



#13

Acetone

Concen: 1.561 ug/L

RT: 2.31 min Scan# 379

Delta R.T. -0.03 min

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Tgt Ion: 43 Resp: 4435

Ion Ratio Lower Upper

43 100

58 33.8 0.0 54.0

