

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052019\  
 Data File : VU032164.D  
 Acq On : 20 May 2019 19:04  
 Operator : JC/SP  
 Sample : K2888-15  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0BP7

Quant Time: May 21 09:12:40 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR051619WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Tue May 21 08:29:49 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 346854   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 364718   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 149434   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40   | 65    | 87684    | 3.00     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 60.00%  |
| 7) Chloroethane-d5             | 1.67   | 69    | 87849    | 3.52     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 70.40%  |
| 11) 1,1-Dichloroethene-d2      | 2.27   | 63    | 134299   | 2.88     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 57.60%# |
| 20) 2-Butanone-d5              | 4.19   | 46    | 237965   | 41.49    | ug/L | -0.01   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 82.98%  |
| 24) Chloroform-d               | 4.64   | 84    | 200624   | 3.91     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 78.20%  |
| 26) 1,2-Dichloroethane-d4      | 5.31   | 65    | 102504   | 3.87     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 77.40%  |
| 32) Benzene-d6                 | 5.33   | 84    | 401976   | 3.61     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 72.20%  |
| 36) 1,2-Dichloropropane-d6     | 6.32   | 67    | 118717   | 3.65     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 73.00%  |
| 41) Toluene-d8                 | 7.56   | 98    | 319561   | 3.26     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 65.20%# |
| 43) trans-1,3-Dichloropropene- | 7.85   | 79    | 40391    | 3.45     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 69.00%  |
| 46) 2-Hexanone-d5              | 8.31   | 63    | 200273   | 37.88    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 75.76%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43  | 84    | 105314   | 3.96     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 79.20%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.86  | 152   | 134260   | 4.24     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 84.80%  |

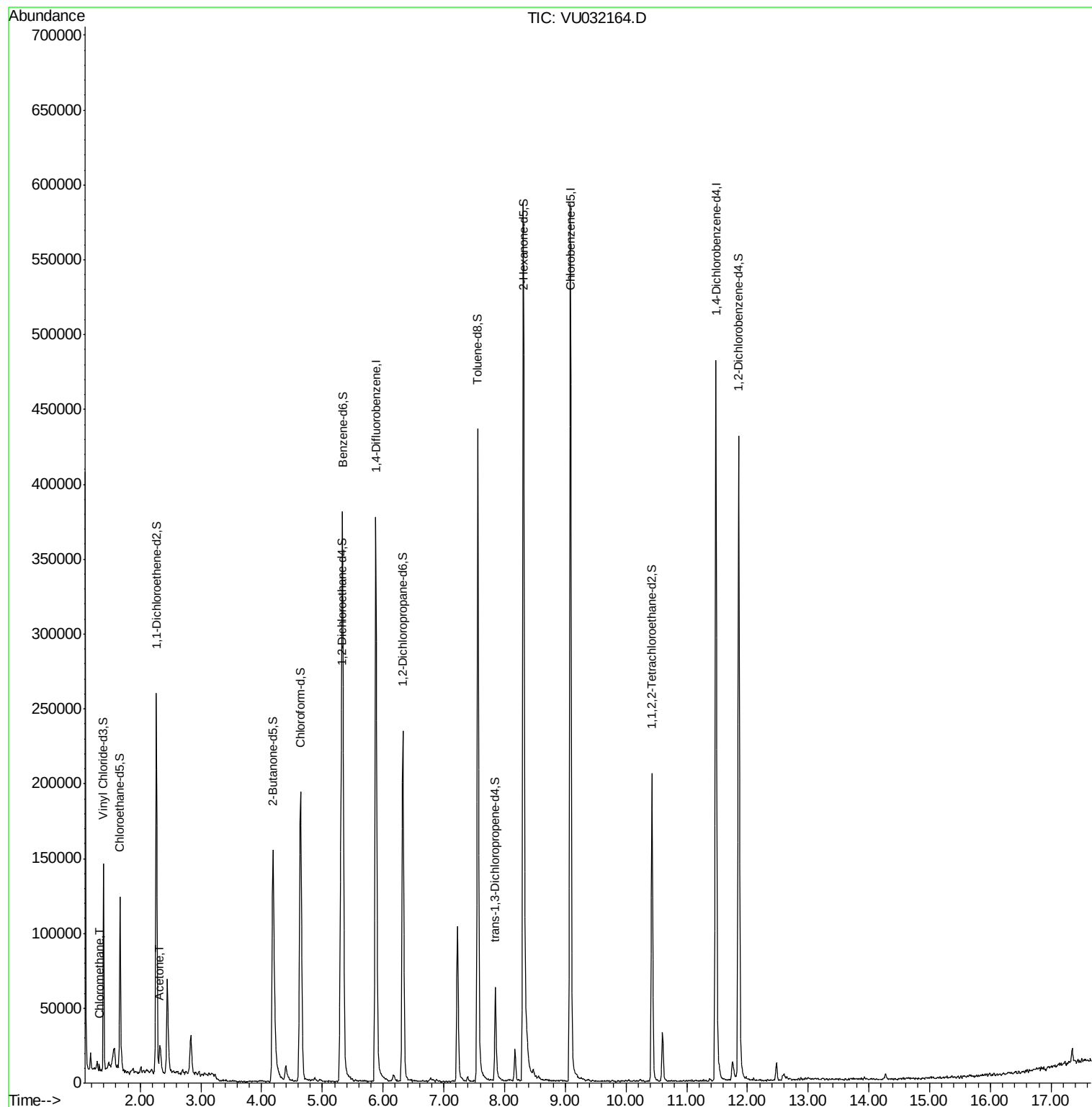
| Target Compounds |      |    |       |            | Ovalue |
|------------------|------|----|-------|------------|--------|
| 3) Chloromethane | 1.33 | 50 | 3482  | 0.209 ug/L | 90     |
| 13) Acetone      | 2.32 | 43 | 12667 | 6.727 ug/L | 93     |

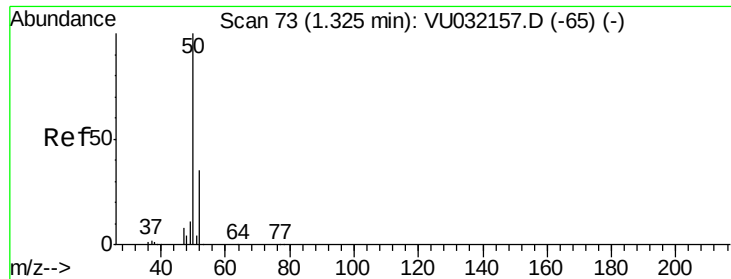
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.209 ug/L

RT: 1.33 min Scan# 74

Delta R.T. 0.00 min

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Acq: 20 May 2019 19:04

Instrument :

MSVOA\_U

ClientSampleId :

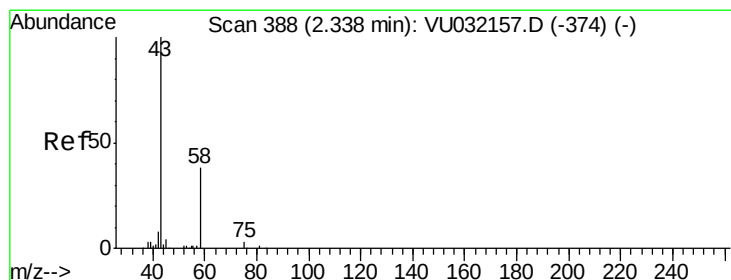
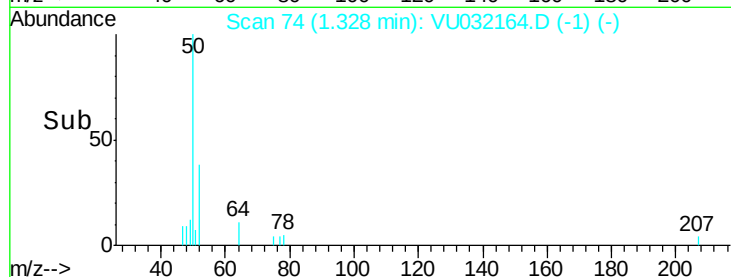
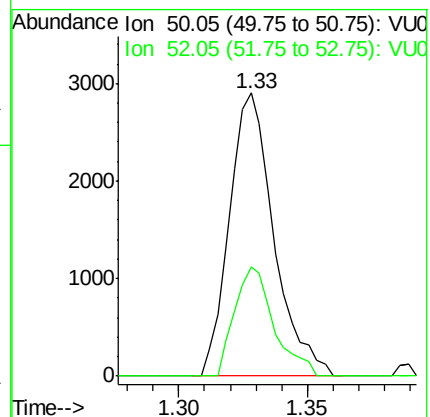
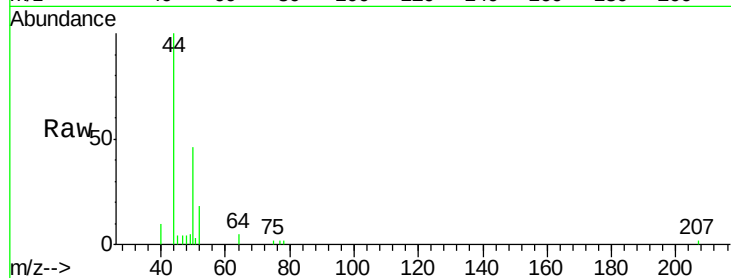
C0BP7

Tot Ion: 50 Resp: 3482

Ion Ratio Lower Upper

50 100

52 38.5 23.2 43.0



#13

Acetone

Concen: 6.727 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.02 min

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Acq: 20 May 2019 19:04

Tgt Ion: 43 Resp: 12667

Ion Ratio Lower Upper

43 100

58 43.9 0.0 78.8

