

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052919\  
 Data File : VU032350.D  
 Acq On : 29 May 2019 10:47  
 Operator : JC/SP  
 Sample : K3045-07  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0C51

Quant Time: May 30 06:32:39 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR052219WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Thu May 30 05:34:28 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 351738   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 347606   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 143611   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40   | 65    | 126095   | 6.38     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 127.60% |
| 7) Chloroethane-d5             | 1.68   | 69    | 109935   | 5.97     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 119.40% |
| 11) 1,1-Dichloroethene-d2      | 2.27   | 63    | 180989   | 4.97     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 99.40%  |
| 20) 2-Butanone-d5              | 4.19   | 46    | 289976   | 52.04    | ug/L | -0.03   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 104.08% |
| 24) Chloroform-d               | 4.64   | 84    | 232622   | 4.61     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 92.20%  |
| 26) 1,2-Dichloroethane-d4      | 5.31   | 65    | 116506   | 4.36     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 87.20%  |
| 32) Benzene-d6                 | 5.33   | 84    | 483309   | 4.90     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 98.00%  |
| 36) 1,2-Dichloropropane-d6     | 6.33   | 67    | 145764   | 4.55     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 91.00%  |
| 41) Toluene-d8                 | 7.56   | 98    | 408477   | 4.26     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 85.20%  |
| 43) trans-1,3-Dichloropropene- | 7.85   | 79    | 49919    | 4.05     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 81.00%  |
| 46) 2-Hexanone-d5              | 8.31   | 63    | 206606   | 44.58    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 89.16%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43  | 84    | 114892   | 3.61     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 72.20%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.86  | 152   | 157994   | 3.99     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 79.80%# |

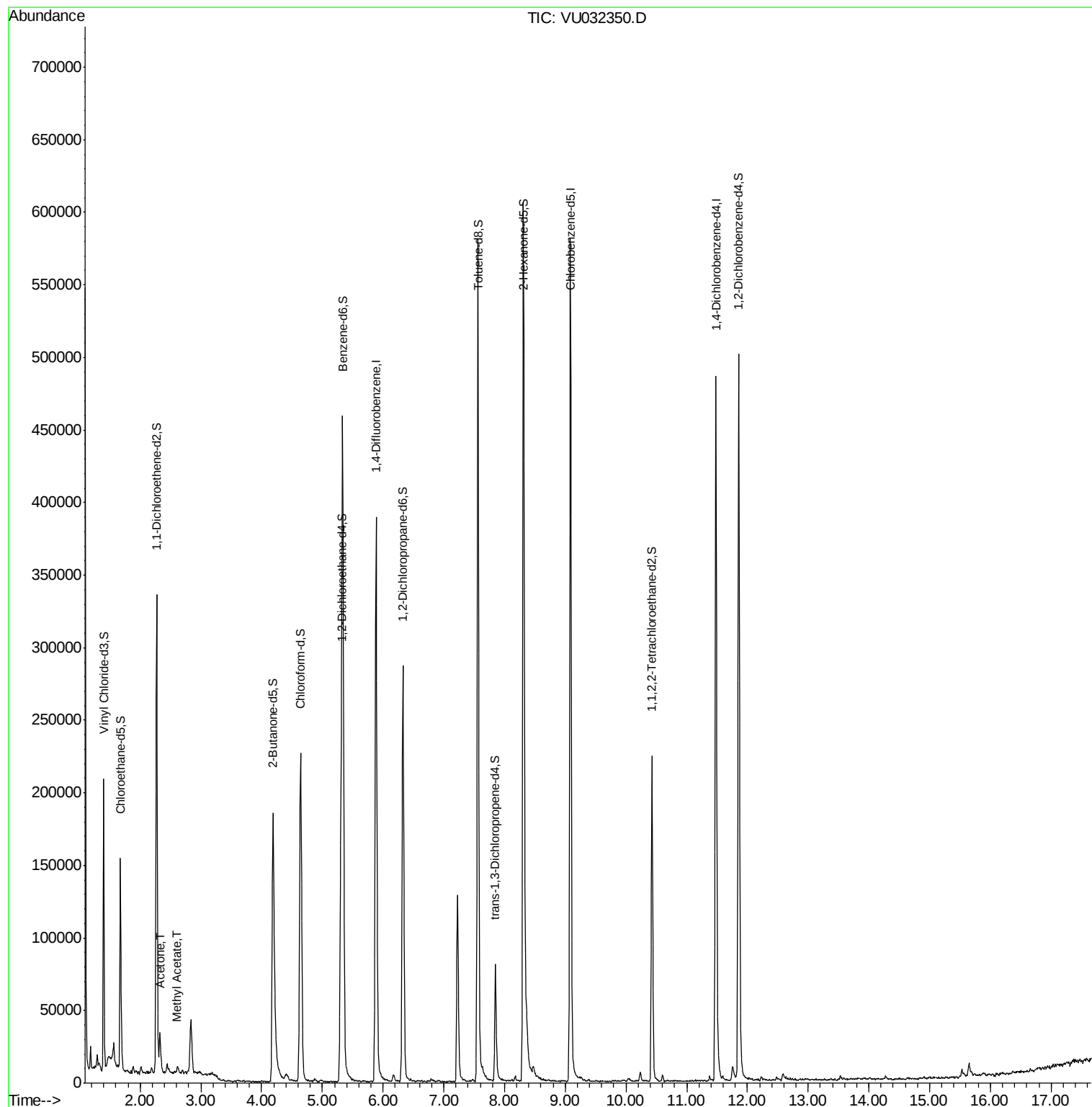
| Target Compounds   |      |    |       | Ovalue          |
|--------------------|------|----|-------|-----------------|
| 13) Acetone        | 2.32 | 43 | 23870 | 13.827 ug/L 95  |
| 15) Methyl Acetate | 2.61 | 43 | 6460  | 1.275 ug/L # 78 |

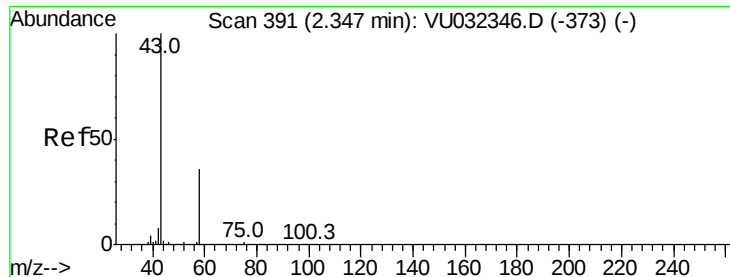
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 13.827 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.03 min

Lab File: VU032350.D

Acq: 29 May 2019 10:47

Instrument :

MSVOA\_U

ClientSampleId :

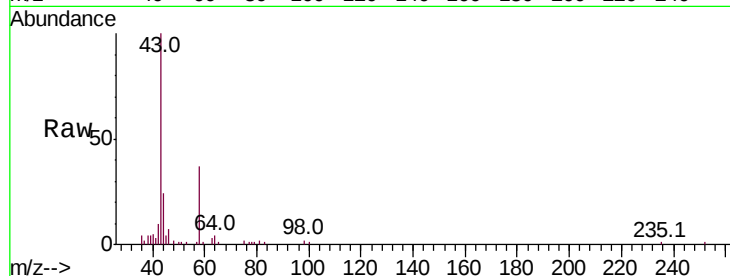
C0C51

Tot Ion: 43 Resp: 23870

Ion Ratio Lower Upper

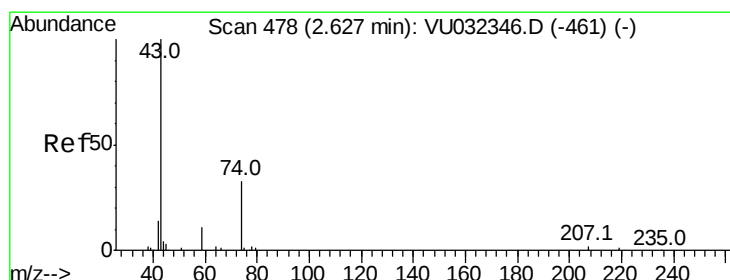
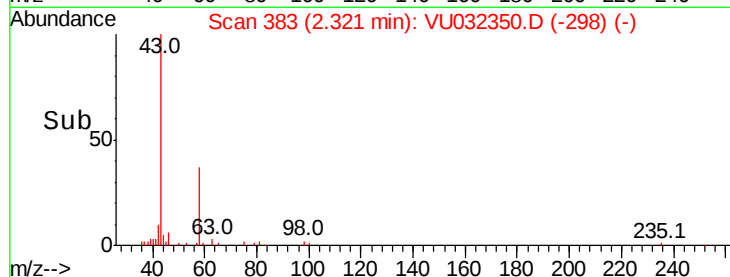
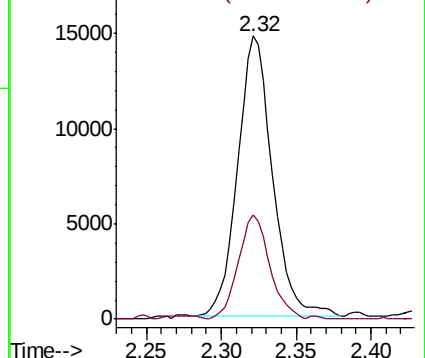
43 100

58 33.5 0.0 72.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#15

Methyl Acetate

Concen: 1.275 ug/L

RT: 2.61 min Scan# 474

Delta R.T. -0.01 min

Lab File: VU032350.D

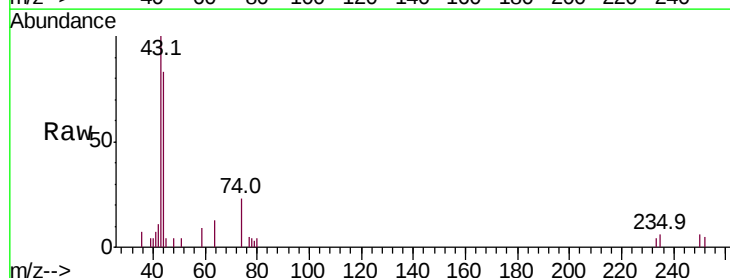
Acq: 29 May 2019 10:47

Tgt Ion: 43 Resp: 6460

Ion Ratio Lower Upper

43 100

74 21.7 27.3 40.9#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 74.05 (73.75 to 74.75): VU0

