

Data File : VV014112.D  
Acq On : 18 Dec 2019 11:24  
Operator : SY/MD  
Sample : K6276-14  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
VHBLK01

Quant Time: Dec 19 07:08:42 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM120219WMA.M  
Quant Title : VOC Analysis  
QLast Update : Thu Dec 19 07:06:05 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 745831   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 731264   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152  | 325201   | 50.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |                |     |            |         |      |      |
|--------------------------------|----------------|-----|------------|---------|------|------|
| 4) Vinyl Chloride-d3           | 1.32           | 65  | 230074     | 53.34   | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 60 - 135 |     | Recovery = | 106.68% |      |      |
| 7) Chloroethane-d5             | 1.58           | 69  | 213929     | 47.51   | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 70 - 130 |     | Recovery = | 95.02%  |      |      |
| 11) 1,1-Dichloroethene-d2      | 2.13           | 63  | 313556     | 32.87   | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 60 - 125 |     | Recovery = | 65.74%  |      |      |
| 21) 2-Butanone-d5              | 3.92           | 46  | 301943     | 99.45   | ug/L | 0.00 |
| Spiked Amount 100.000          | Range 40 - 130 |     | Recovery = | 99.45%  |      |      |
| 24) Chloroform-d               | 4.40           | 84  | 442283     | 48.82   | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 70 - 125 |     | Recovery = | 97.64%  |      |      |
| 26) 1,2-Dichloroethane-d4      | 5.08           | 65  | 278440     | 48.51   | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 70 - 125 |     | Recovery = | 97.02%  |      |      |
| 32) Benzene-d6                 | 5.10           | 84  | 874449     | 46.15   | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 70 - 125 |     | Recovery = | 92.30%  |      |      |
| 36) 1,2-Dichloropropane-d6     | 6.11           | 67  | 278449     | 48.95   | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 70 - 120 |     | Recovery = | 97.90%  |      |      |
| 41) Toluene-d8                 | 7.36           | 98  | 719941     | 41.68   | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 80 - 120 |     | Recovery = | 83.36%  |      |      |
| 43) trans-1,3-Dichloropropene- | 7.66           | 79  | 112723     | 40.73   | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 60 - 125 |     | Recovery = | 81.46%  |      |      |
| 47) 2-Hexanone-d5              | 8.13           | 63  | 196938     | 92.73   | ug/L | 0.00 |
| Spiked Amount 100.000          | Range 45 - 130 |     | Recovery = | 92.73%  |      |      |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26          | 84  | 368671     | 44.76   | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 65 - 120 |     | Recovery = | 89.52%  |      |      |
| 64) 1,2-Dichlorobenzene-d4     | 11.67          | 152 | 312476     | 48.92   | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 80 - 120 |     | Recovery = | 97.84%  |      |      |

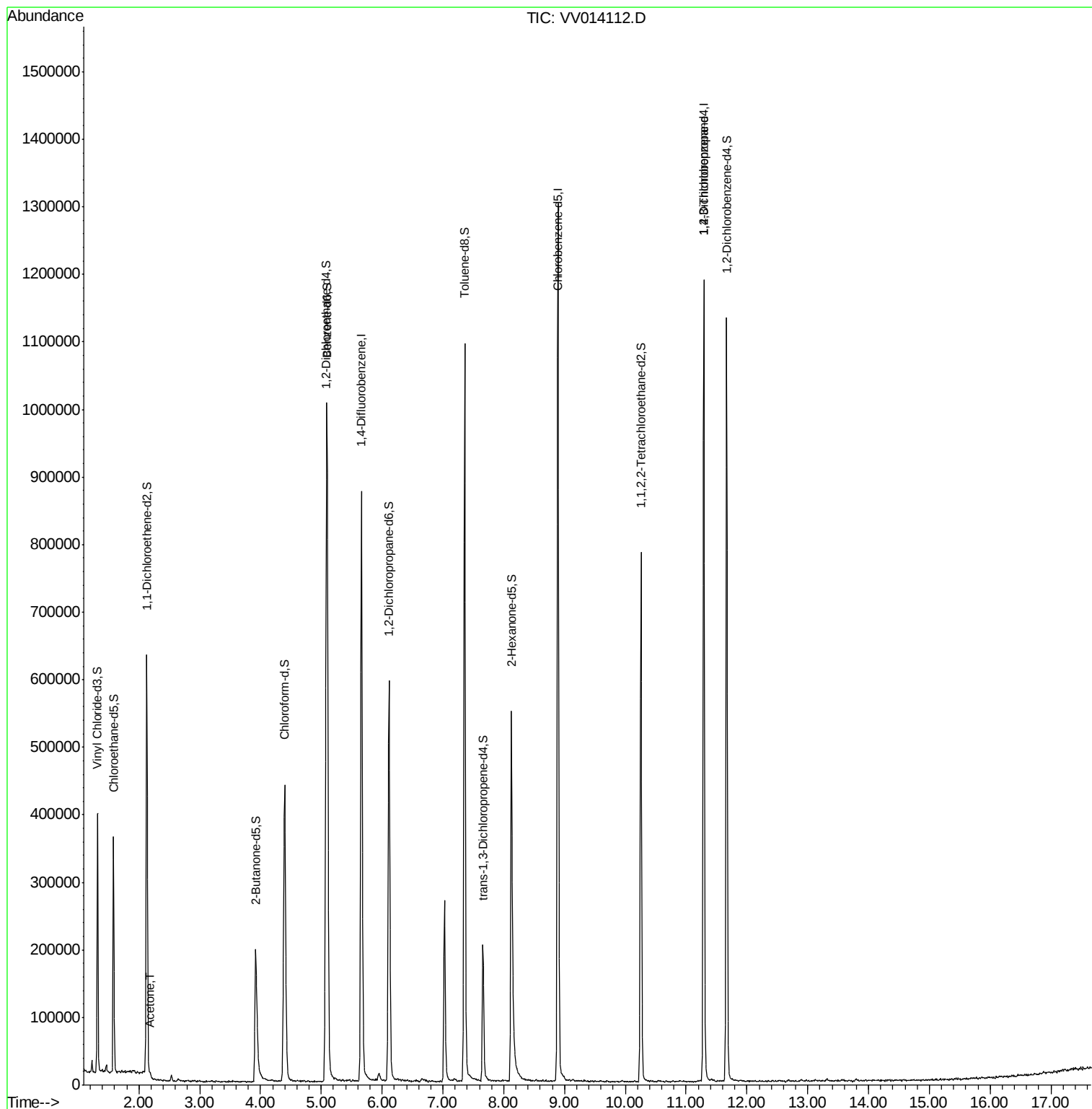
| Target Compounds           |       |    |       |            | Qvalue |
|----------------------------|-------|----|-------|------------|--------|
| 13) Acetone                | 2.19  | 43 | 5080  | 1.142 ug/L | 73     |
| 59) 1,2,3-Trichloropropane | 11.29 | 75 | 33447 | 4.689 ug/L | 91     |

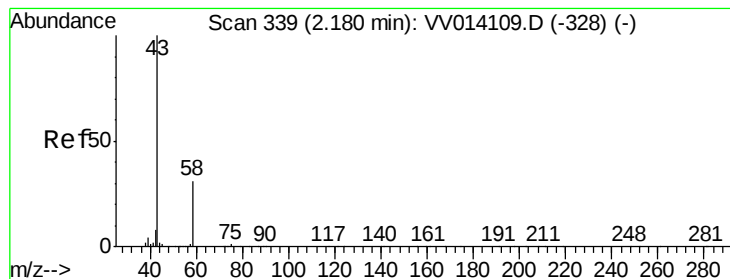
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.142 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.01 min

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Acq: 18 Dec 2019 11:24

Instrument :

MSVOA\_V

ClientSampleId :

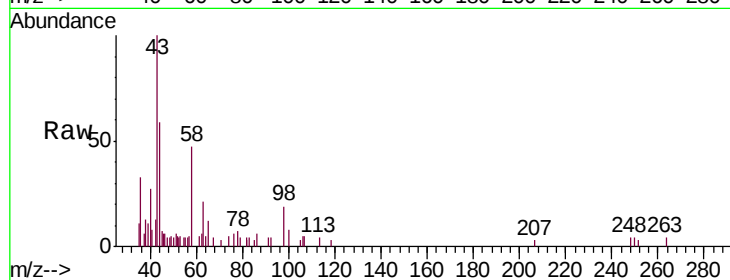
VHBLK01

Tgt Ion: 43 Resp: 5080

Ion Ratio Lower Upper

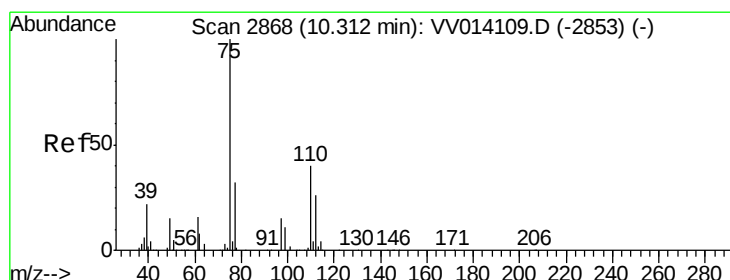
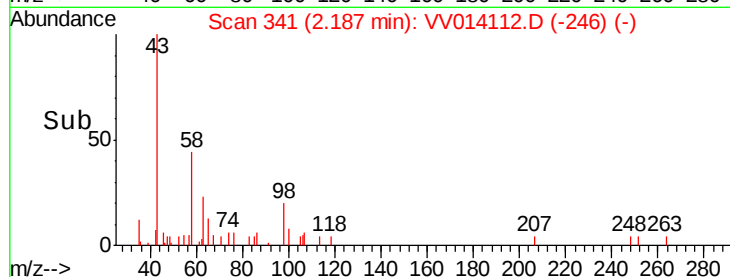
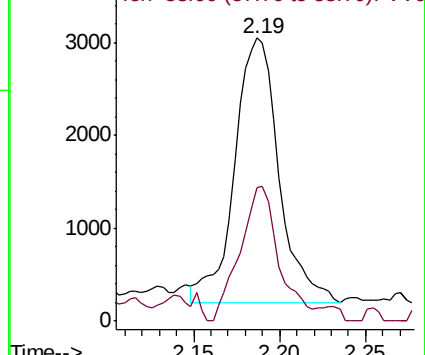
43 100

58 44.9 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VV014109.D (-328) (-)

Ion 58.00 (57.70 to 58.70): VV014109.D (-328) (-)



#59

1,2,3-Trichloropropane

Concen: 4.689 ug/L

RT: 11.29 min Scan# 3172

Delta R.T. 0.98 min

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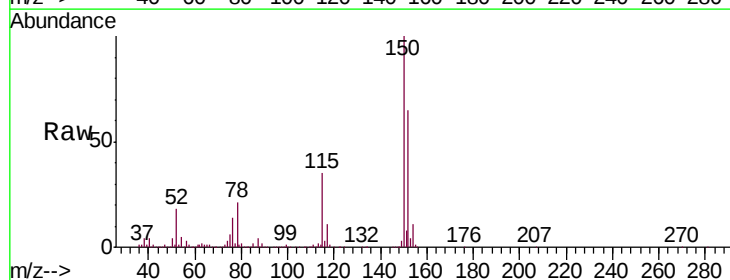
Acq: 18 Dec 2019 11:24

Tgt Ion: 75 Resp: 33447

Ion Ratio Lower Upper

75 100

77 37.2 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VV014109.D (-2853) (-)

Ion 77.00 (76.70 to 77.70): VV014109.D (-2853) (-)

