

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100820\  
 Data File : VX018839.D  
 Acq On : 08 Oct 2020 15:23  
 Operator : JC/SP  
 Sample : L4283-03  
 Misc : 25.0mL/MSVOA X/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BFZR5

Quant Time: Oct 09 05:51:08 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\SOMXTR100220WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Oct 09 04:43:33 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.83  | 114  | 167550   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 10.10 | 117  | 160369   | 5.00 | ug/L  | 0.00     |
| 61) 1,4-Dichlorobenzene-d4 | 12.06 | 152  | 75815    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.39   | 65    | 31108    | 3.18     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 63.60%  |
| 7) Chloroethane-d5             | 1.70   | 69    | 30372    | 3.97     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 79.40%  |
| 11) 1,1-Dichloroethene-d2      | 2.34   | 63    | 56187    | 2.54     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 50.80%# |
| 20) 2-Butanone-d5              | 4.54   | 46    | 136420   | 53.14    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 106.28% |
| 24) Chloroform-d               | 5.14   | 84    | 93527    | 3.95     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 79.00%  |
| 26) 1,2-Dichloroethane-d4      | 6.03   | 65    | 54123    | 3.74     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 74.80%  |
| 32) Benzene-d6                 | 6.04   | 84    | 162265   | 4.07     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 81.40%  |
| 36) 1,2-Dichloropropane-d6     | 7.37   | 67    | 53406    | 4.64     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 92.80%  |
| 41) Toluene-d8                 | 8.70   | 98    | 140476   | 3.58     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 71.60%  |
| 45) trans-1,3-Dichloropropene- | 8.99   | 79    | 22279    | 3.59     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 71.80%  |
| 48) 2-Hexanone-d5              | 9.43   | 63    | 107071   | 51.54    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 103.08% |
| 59) 1,1,2,2-Tetrachloroethane- | 11.23  | 84    | 43389    | 4.63     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 92.60%  |
| 65) 1,2-Dichlorobenzene-d4     | 12.36  | 152   | 62898    | 4.50     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 90.00%  |

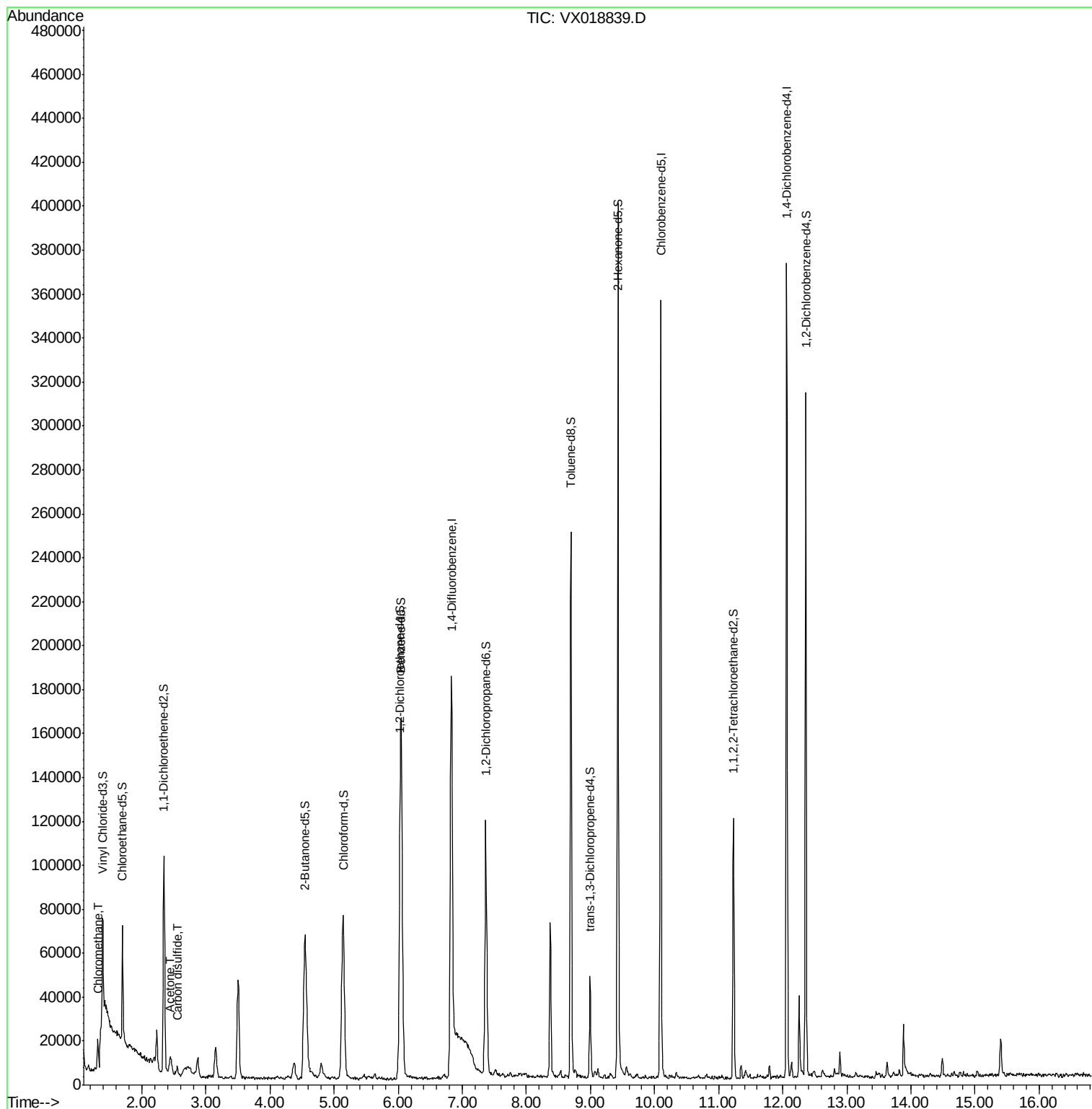
| Target Compounds     |      |    |       |              | Ovalue |
|----------------------|------|----|-------|--------------|--------|
| 3) Chloromethane     | 1.31 | 50 | 8486  | 1.047 ug/L   | 95     |
| 13) Acetone          | 2.45 | 43 | 15645 | 11.162 ug/L  | 98     |
| 14) Carbon disulfide | 2.56 | 76 | 5817  | 0.223 ug/L # | 85     |

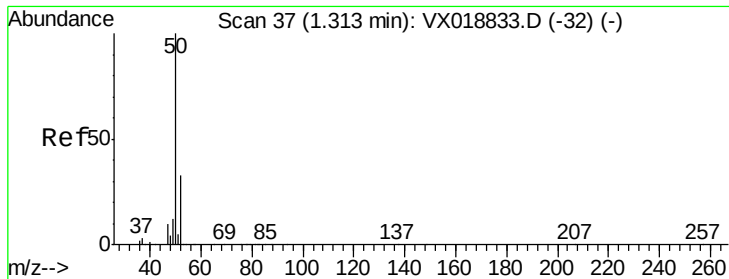
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 1.047 ug/L

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX018839.D

Acq: 08 Oct 2020 15:23

Instrument :

MSVOA\_X

ClientSampleId :

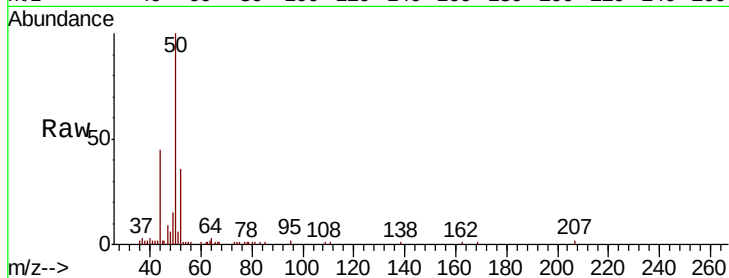
BFZR5

Tot Ion: 50 Resp: 8486

Ion Ratio Lower Upper

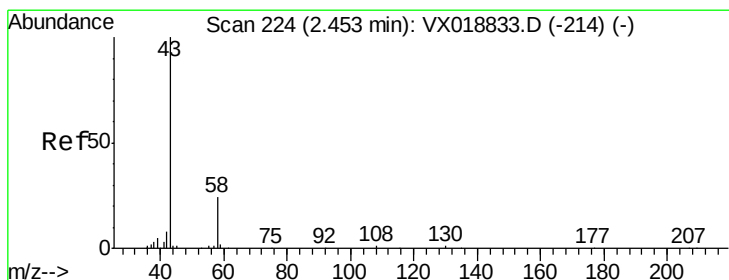
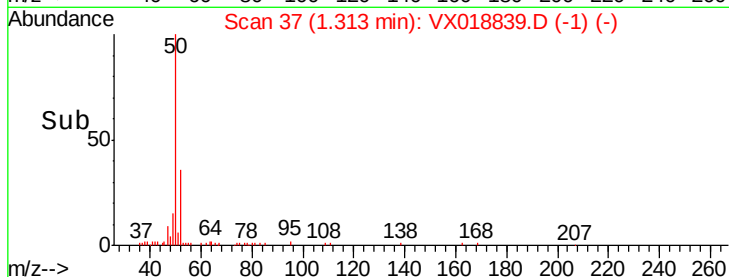
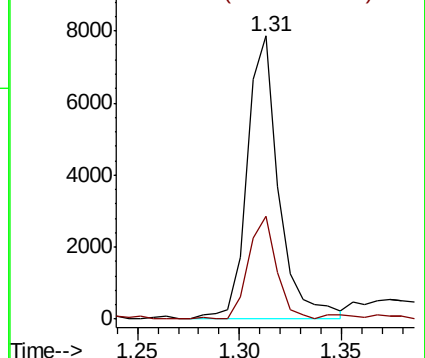
50 100

52 36.2 23.4 43.6



Abundance Ion 50.05 (49.75 to 50.75): VX0

Ion 52.05 (51.75 to 52.75): VX0



#13

Acetone

Concen: 11.162 ug/L

RT: 2.45 min Scan# 223

Delta R.T. -0.01 min

Lab File: VX018839.D

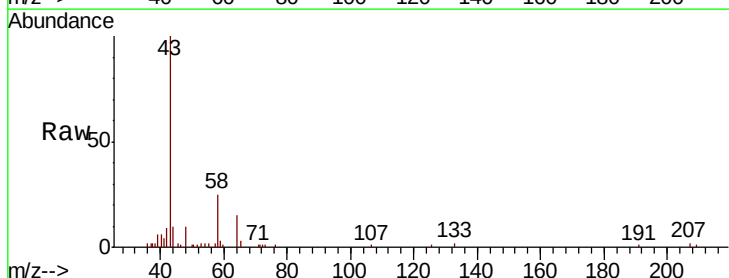
Acq: 08 Oct 2020 15:23

Tgt Ion: 43 Resp: 15645

Ion Ratio Lower Upper

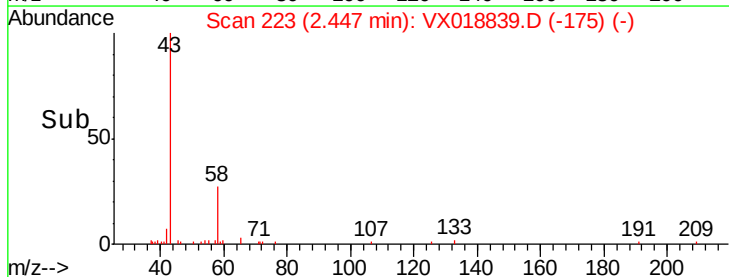
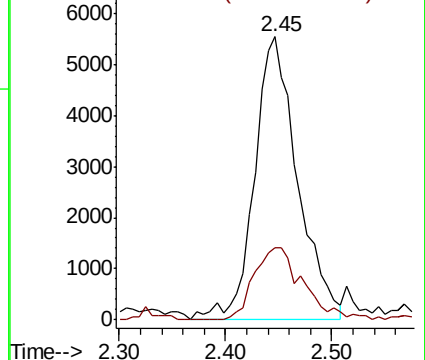
43 100

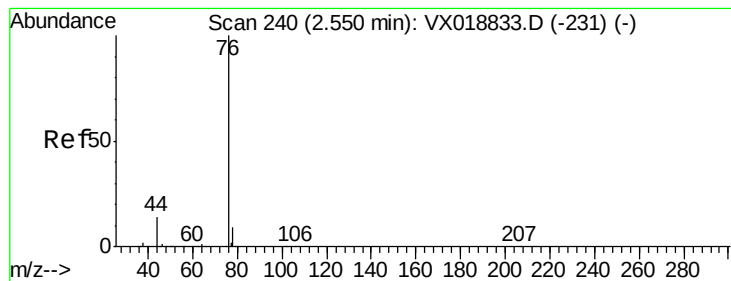
58 29.2 0.0 56.4



Abundance Ion 43.05 (42.75 to 43.75): VX0

Ion 58.05 (57.75 to 58.75): VX0





#14

Carbon disulfide

Concen: 0.223 ug/L

RT: 2.56 min Scan# 241

Delta R.T. 0.01 min

Lab File: VX018839.D

Acq: 08 Oct 2020 15:23

Instrument :

MSVOA\_X

ClientSampleId :

BFZR5

Tot Ion: 76 Resp: 5817

Ion Ratio Lower Upper

76 100

78 14.8 7.4 11.2#

