

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081320\  
 Data File : VX017875.D  
 Acq On : 13 Aug 2020 15:10  
 Operator : JC/SP  
 Sample : L3643-10  
 Misc : 25.0mL/MSVOA X/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BG0B6

Quant Time: Aug 14 08:13:34 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\SOMXTR080720WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Aug 14 07:35:30 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.83  | 114  | 294237   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 10.10 | 117  | 283007   | 5.00 | ug/L  | 0.00     |
| 61) 1,4-Dichlorobenzene-d4 | 12.06 | 152  | 129264   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.39   | 65    | 101233   | 4.98     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 99.60% |
| 7) Chloroethane-d5             | 1.69   | 69    | 76404    | 4.73     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 94.60% |
| 11) 1,1-Dichloroethene-d2      | 2.34   | 63    | 145684   | 3.48     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 69.60% |
| 20) 2-Butanone-d5              | 4.53   | 46    | 217041   | 40.20    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 80.40% |
| 24) Chloroform-d               | 5.14   | 84    | 172124   | 4.17     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 83.40% |
| 26) 1,2-Dichloroethane-d4      | 6.04   | 65    | 97235    | 4.29     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 85.80% |
| 32) Benzene-d6                 | 6.05   | 84    | 349913   | 4.50     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 90.00% |
| 36) 1,2-Dichloropropane-d6     | 7.37   | 67    | 105667   | 4.40     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 88.00% |
| 41) Toluene-d8                 | 8.70   | 98    | 300749   | 4.07     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 81.40% |
| 45) trans-1,3-Dichloropropene- | 8.99   | 79    | 38585    | 3.71     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 74.20% |
| 48) 2-Hexanone-d5              | 9.43   | 63    | 165941   | 38.39    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 76.78% |
| 59) 1,1,2,2-Tetrachloroethane- | 11.23  | 84    | 75549    | 4.14     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 82.80% |
| 65) 1,2-Dichlorobenzene-d4     | 12.36  | 152   | 117715   | 4.73     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 94.60% |

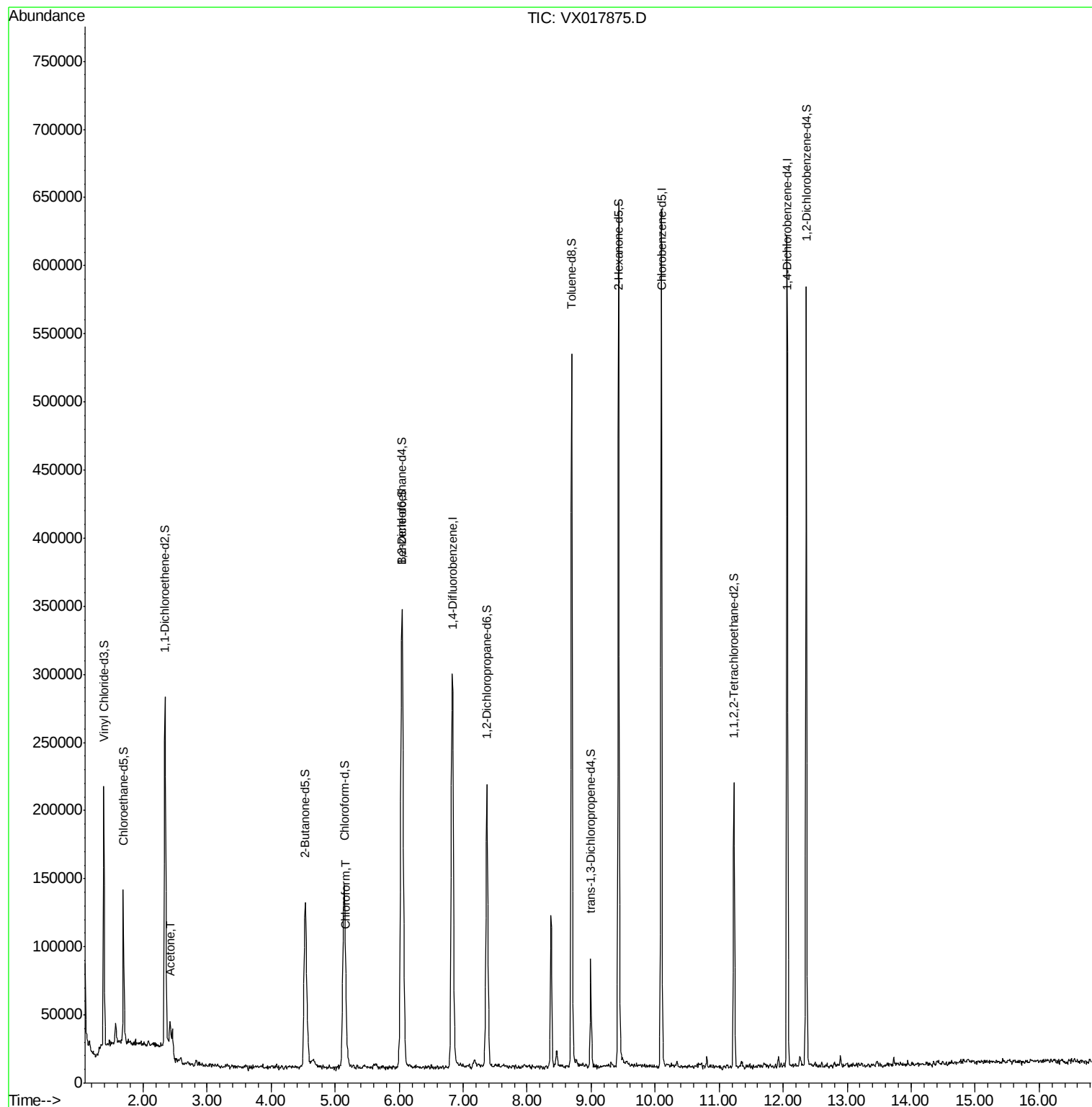
| Target Compounds |      |    |       |            | Ovalue |
|------------------|------|----|-------|------------|--------|
| 13) Acetone      | 2.42 | 43 | 16334 | 4.140 ug/L | 94     |
| 25) Chloroform   | 5.17 | 83 | 12548 | 0.255 ug/L | 97     |

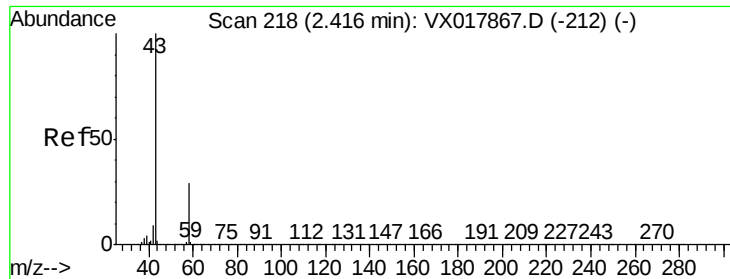
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.140 ug/L

RT: 2.42 min Scan# 219

Delta R.T. 0.01 min

Lab File: VX017875.D

Acq: 13 Aug 2020 15:10

Instrument :

MSVOA\_X

ClientSampleId :

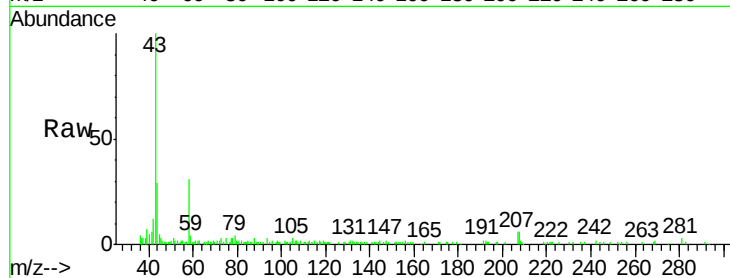
BG0B6

Tot Ion: 43 Resp: 16334

Ion Ratio Lower Upper

43 100

58 33.8 0.0 60.8



Abundance Ion 43.05 (42.75 to 43.75): VX0

Ion 58.05 (57.75 to 58.75): VX0

2.42

12000

10000

8000

6000

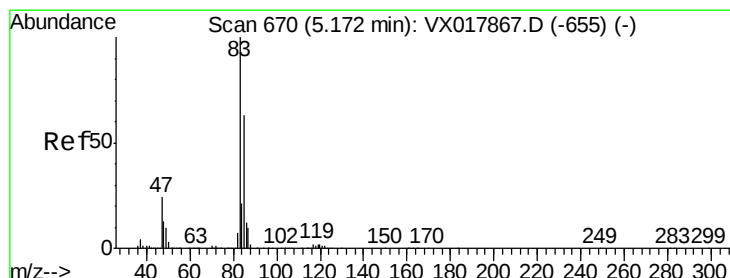
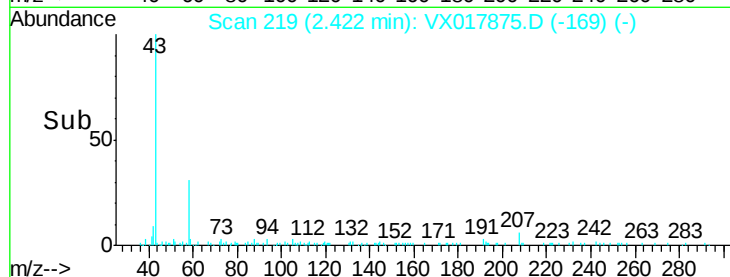
4000

2000

0

Time-->

2.35 2.40 2.45 2.50



#25

Chloroform

Concen: 0.255 ug/L

RT: 5.17 min Scan# 670

Delta R.T. -0.00 min

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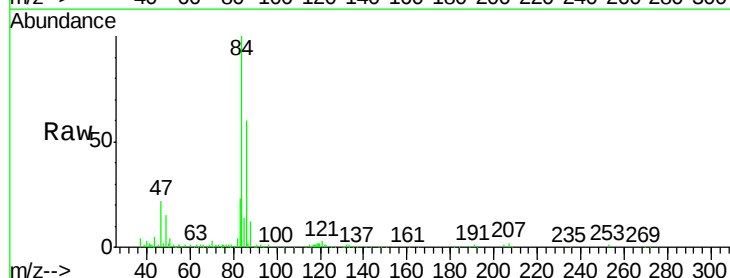
Acq: 13 Aug 2020 15:10

Tgt Ion: 83 Resp: 12548

Ion Ratio Lower Upper

83 100

85 61.9 44.7 83.1



Abundance Ion 83.05 (82.75 to 83.75): VX0

Ion 85.00 (84.70 to 85.70): VX0

5.17

5000

4000

3000

2000

1000

0

Time-->

5.10 5.15 5.20 5.30

