

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU053120\  
 Data File : VU038423.D  
 Acq On : 30 May 2020 19:06  
 Operator : JC/MD  
 Sample : L2787-02  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BFX72

Quant Time: Jun 01 04:32:49 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR053120WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Mon Jun 01 02:37:32 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.28  | 114  | 316405   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.44  | 117  | 311378   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.83 | 152  | 153229   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61   | 65    | 103280   | 5.04     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 100.80% |
| 7) Chloroethane-d5             | 1.93   | 69    | 85431    | 5.43     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 108.60% |
| 11) 1,1-Dichloroethene-d2      | 2.59   | 63    | 149099   | 3.70     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 74.00%  |
| 20) 2-Butanone-d5              | 4.67   | 46    | 352670   | 56.69    | ug/L | -0.01   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 113.38% |
| 24) Chloroform-d               | 5.10   | 84    | 200294   | 5.21     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 104.20% |
| 26) 1,2-Dichloroethane-d4      | 5.74   | 65    | 119850   | 5.49     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 109.80% |
| 32) Benzene-d6                 | 5.76   | 84    | 413937   | 5.32     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 106.40% |
| 36) 1,2-Dichloropropane-d6     | 6.72   | 67    | 124423   | 5.21     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 104.20% |
| 41) Toluene-d8                 | 7.92   | 98    | 344493   | 4.94     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 98.80%  |
| 43) trans-1,3-Dichloropropene- | 8.20   | 79    | 52009    | 5.06     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 101.20% |
| 46) 2-Hexanone-d5              | 8.65   | 63    | 300830   | 59.26    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 118.52% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.77  | 84    | 106812   | 5.26     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 105.20% |
| 64) 1,2-Dichlorobenzene-d4     | 12.20  | 152   | 140881   | 5.33     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 106.60% |

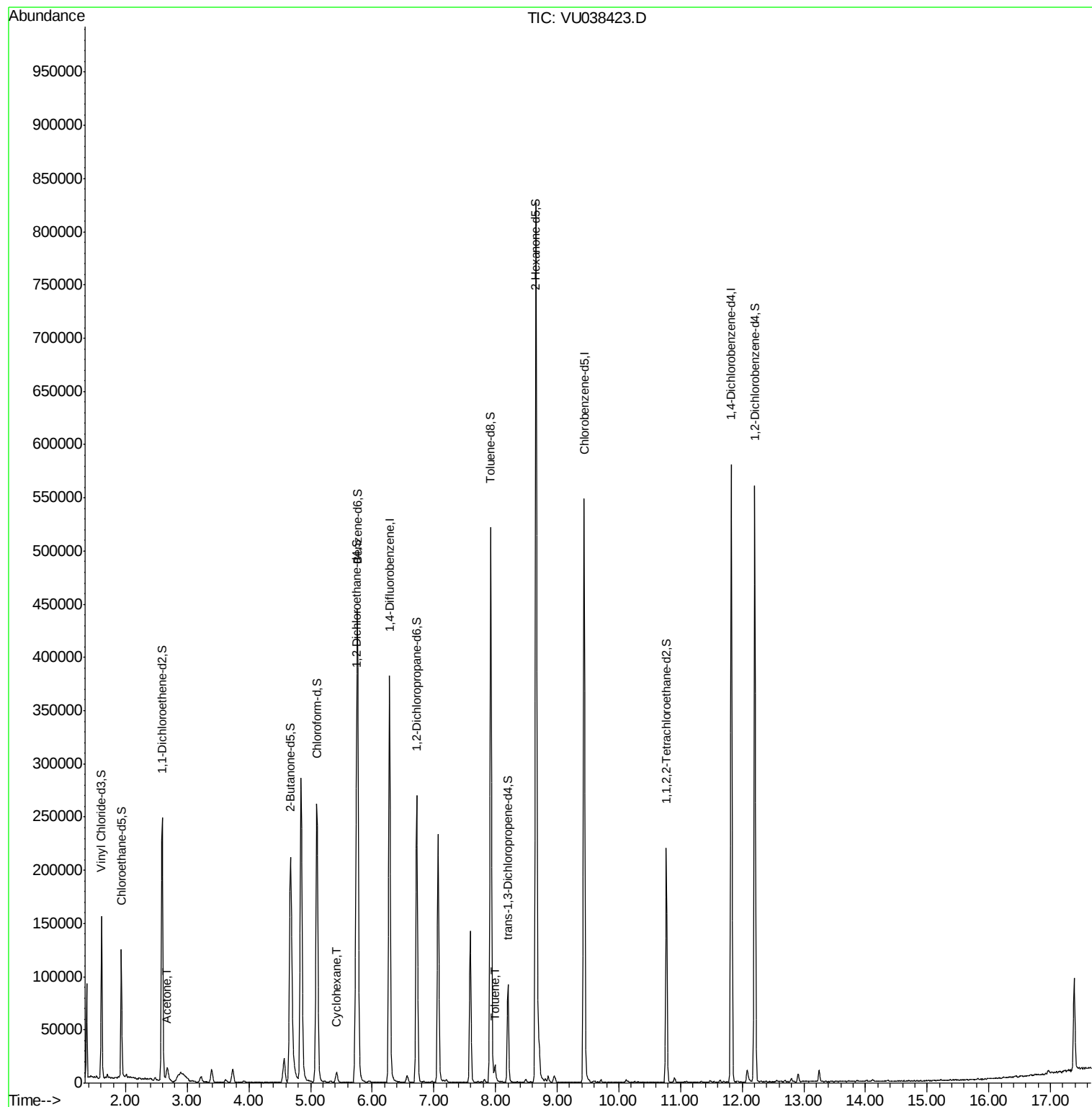
| Target Compounds |      |    |       |            | Ovalue |
|------------------|------|----|-------|------------|--------|
| 13) Acetone      | 2.67 | 43 | 22529 | 5.534 ug/L | 98     |
| 30) Cyclohexane  | 5.42 | 56 | 4163  | 0.120 ug/L | 86     |
| 42) Toluene      | 7.99 | 91 | 8004  | 0.088 ug/L | 96     |

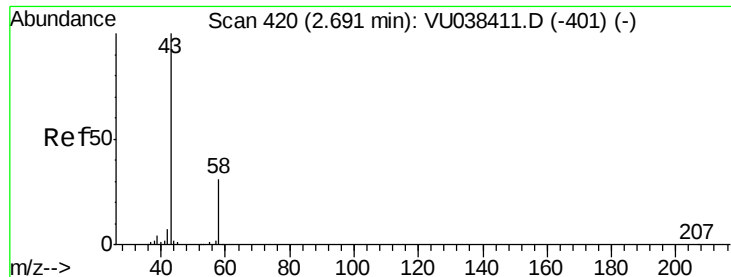
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jun 01 02:37:32 2020  
Response via : Initial Calibration





#13

Acetone

Concen: 5.534 ug/L

RT: 2.67 min Scan# 415

Delta R.T. -0.02 min

Lab File: VU038423.D

Acq: 30 May 2020 19:06

Instrument :

MSVOA\_U

ClientSampleId :

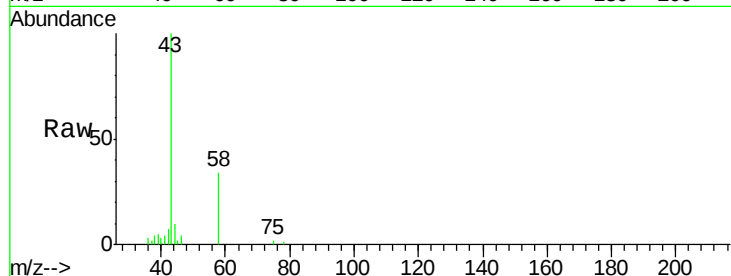
BFX72

Tot Ion: 43 Resp: 22529

Ion Ratio Lower Upper

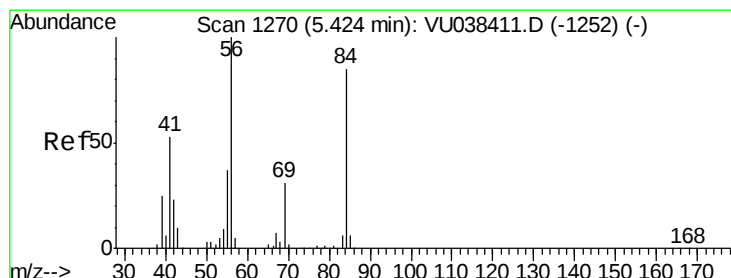
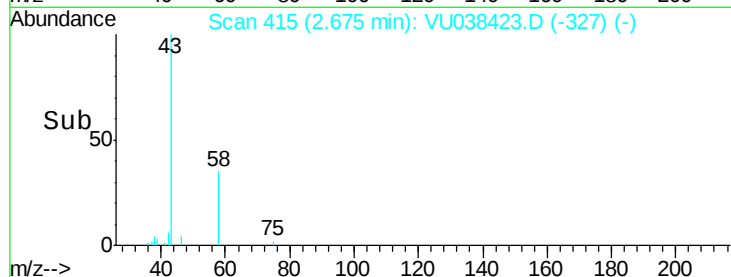
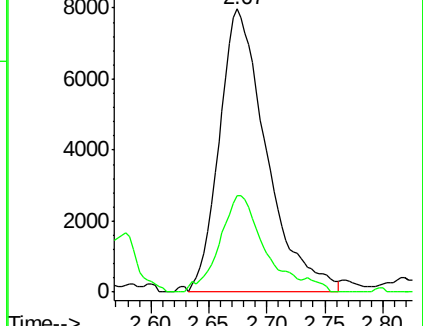
43 100

58 31.6 0.0 65.6



Abundance Ion 43.05 (42.75 to 43.75): VU038411.D (-401) (-)

Ion 58.05 (57.75 to 58.75): VU038411.D (-401) (-)



#30

Cyclohexane

Concen: 0.120 ug/L

RT: 5.42 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VU038423.D

Acq: 30 May 2020 19:06

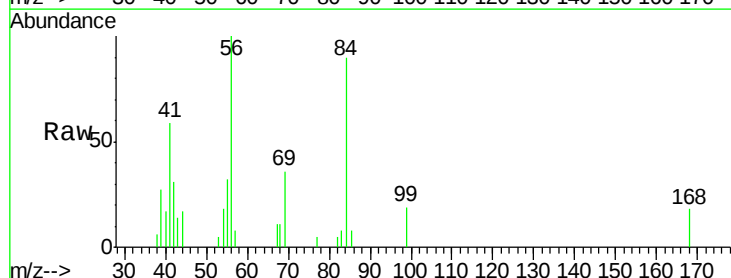
Tgt Ion: 56 Resp: 4163

Ion Ratio Lower Upper

56 100

69 33.7 24.2 36.4

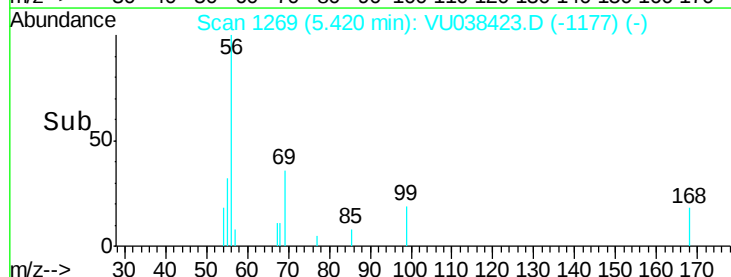
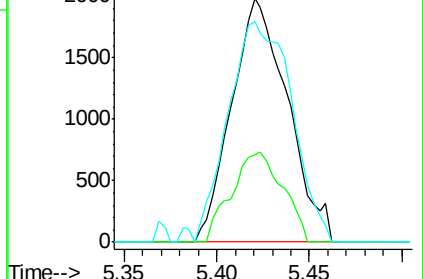
84 103.8 70.8 106.2

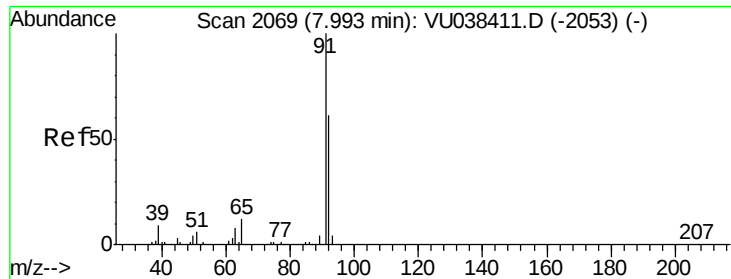


Abundance Ion 56.10 (55.80 to 56.80): VU038411.D (-1252) (-)

Ion 69.15 (68.85 to 69.85): VU038411.D (-1252) (-)

Ion 84.15 (83.85 to 84.85): VU038411.D (-1252) (-)





#42

Toluene

Concen: 0.088 ug/L

RT: 7.99 min Scan# 2069

Delta R.T. 0.00 min

Lab File: VU038423.D

Acq: 30 May 2020 19:06

Instrument :

MSVOA\_U

ClientSampleId :

BFX72

Tot Ion: 91 Resp: 8004

Ion Ratio Lower Upper

91 100

92 58.5 43.0 79.8

