

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121219\  
 Data File : VU036159.D  
 Acq On : 12 Dec 2019 19:34  
 Operator : JC/MD  
 Sample : K6273-02  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BFD9

Quant Time: Dec 13 03:02:01 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR121219WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Dec 13 02:41:23 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.29  | 114  | 260326   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.45  | 117  | 292980   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.84 | 152  | 107293   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61   | 65    | 135226   | 5.12     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 102.40% |
| 7) Chloroethane-d5             | 1.93   | 69    | 116929   | 5.04     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 100.80% |
| 11) 1,1-Dichloroethene-d2      | 2.59   | 63    | 135184   | 3.88     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 77.60%  |
| 20) 2-Butanone-d5              | 4.69   | 46    | 232577   | 54.87    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 109.74% |
| 24) Chloroform-d               | 5.11   | 84    | 195915   | 5.11     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 102.20% |
| 26) 1,2-Dichloroethane-d4      | 5.75   | 65    | 101564   | 5.23     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 104.60% |
| 32) Benzene-d6                 | 5.77   | 84    | 367479   | 4.69     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 93.80%  |
| 36) 1,2-Dichloropropane-d6     | 6.73   | 67    | 121107   | 4.97     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 99.40%  |
| 41) Toluene-d8                 | 7.93   | 98    | 299074   | 4.13     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 82.60%  |
| 43) trans-1,3-Dichloropropene- | 8.21   | 79    | 44538    | 4.37     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 87.40%  |
| 46) 2-Hexanone-d5              | 8.68   | 63    | 178715   | 47.72    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 95.44%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.78  | 84    | 106024   | 4.88     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 97.60%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.22  | 152   | 110022   | 5.40     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 108.00% |

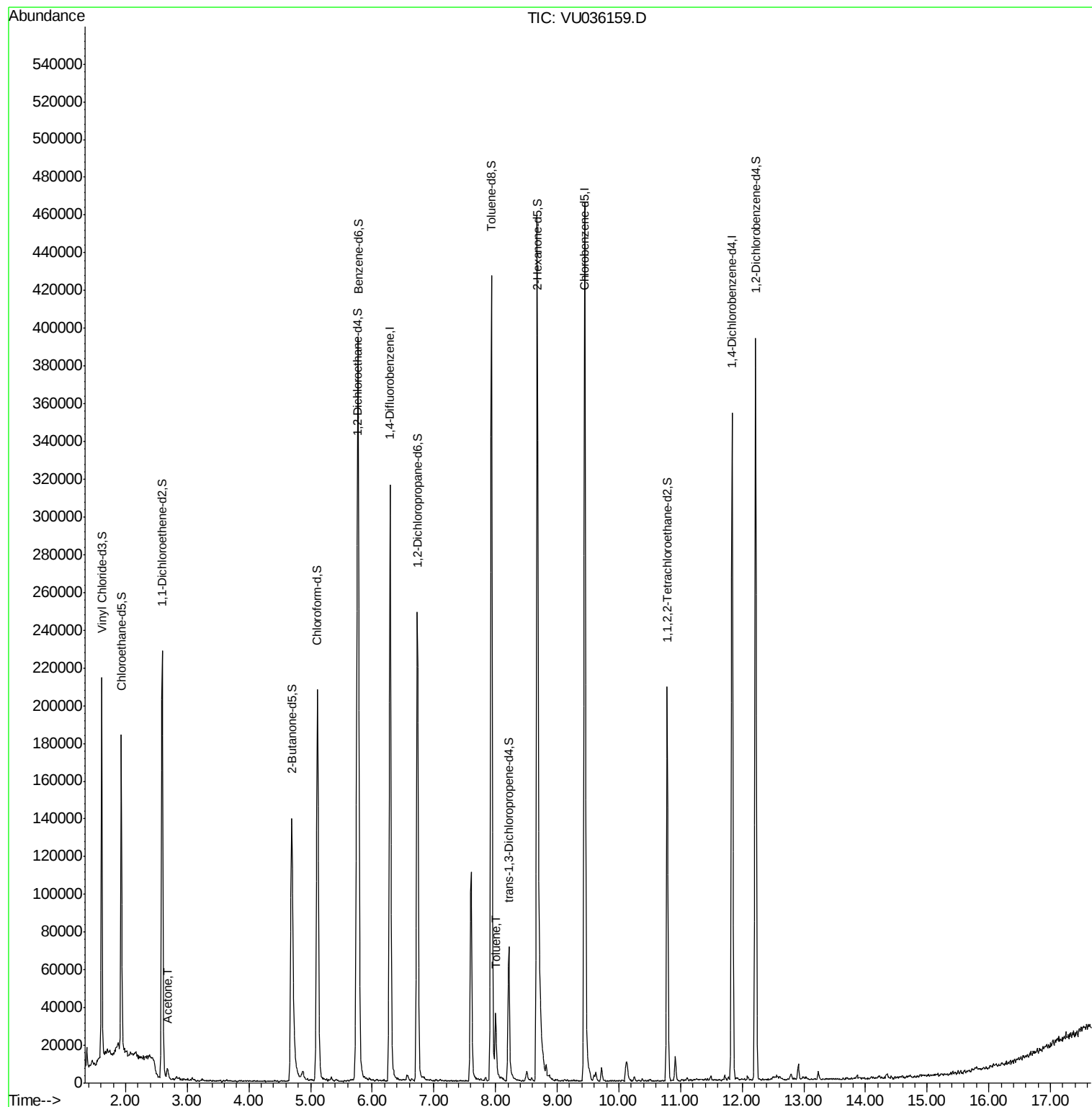
| Target Compounds |      |    |       |            | Ovalue |
|------------------|------|----|-------|------------|--------|
| 13) Acetone      | 2.67 | 43 | 7016  | 1.903 ug/L | 87     |
| 42) Toluene      | 8.00 | 91 | 23509 | 0.246 ug/L | 98     |

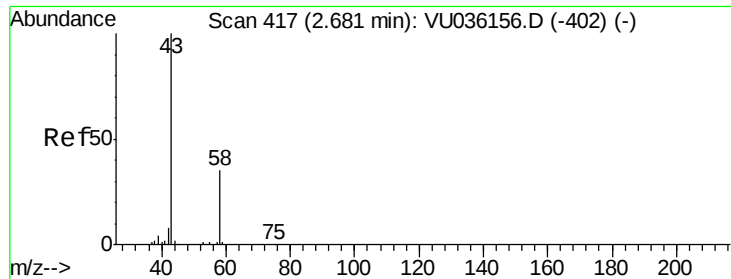
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 13 02:41:23 2019  
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#13

Acetone

Concen: 1.903 ug/L

RT: 2.67 min Scan# 415

Delta R.T. -0.01 min

Lab File: VU036159.D

Acq: 12 Dec 2019 19:34

Instrument :

MSVOA\_U

ClientSampleId :

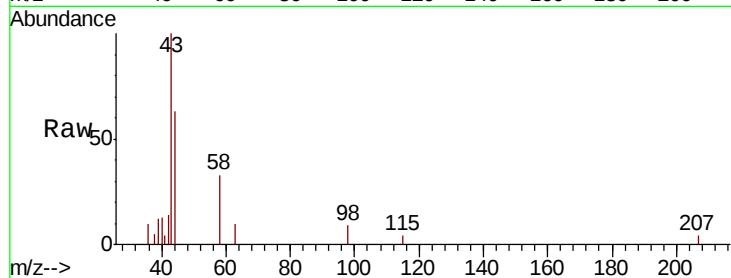
BFD9

Tot Ion: 43 Resp: 7016

Ion Ratio Lower Upper

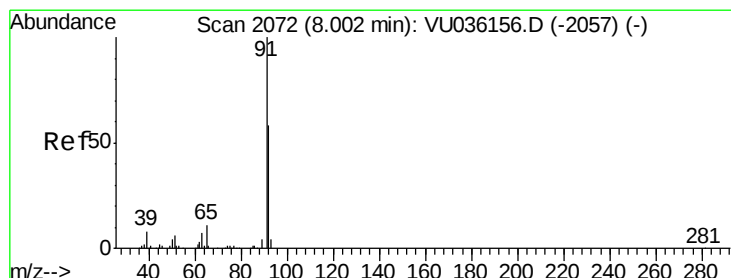
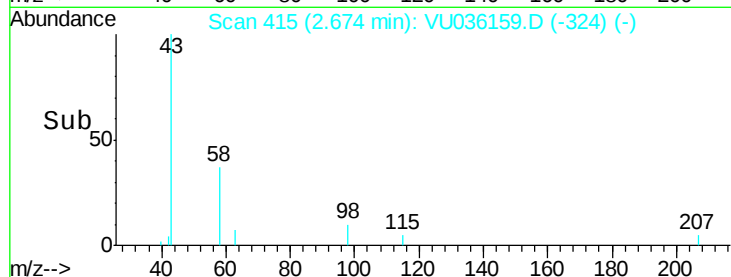
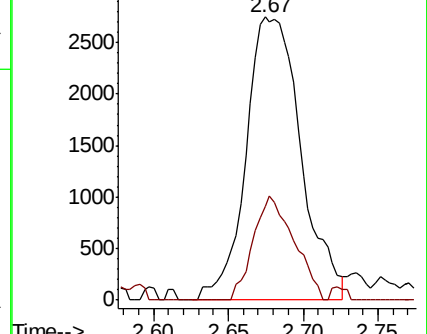
43 100

58 27.3 0.0 70.0



Abundance Ion 43.05 (42.75 to 43.75): VU036156.D (-402) (-)

Ion 58.05 (57.75 to 58.75): VU036156.D (-402) (-)



#42

Toluene

Concen: 0.246 ug/L

RT: 8.00 min Scan# 2072

Delta R.T. -0.00 min

Lab File: VU036159.D

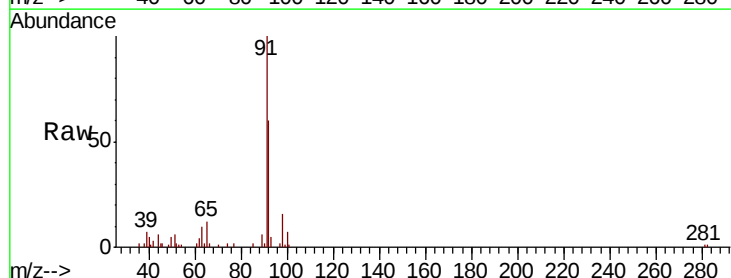
Acq: 12 Dec 2019 19:34

Tgt Ion: 91 Resp: 23509

Ion Ratio Lower Upper

91 100

92 59.5 40.7 75.7



Abundance Ion 91.15 (90.85 to 91.85): VU036156.D (-2057) (-)

Ion 92.15 (91.85 to 92.85): VU036156.D (-2057) (-)

