

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U112719\  
 Data File : VU035905.D  
 Acq On : 27 Nov 2019 19:24  
 Operator : JC/SP  
 Sample : K6057-08DL 5X  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0AA7DL

Quant Time: Nov 29 04:20:27 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR112119WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Thu Nov 28 04:57:50 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.29  | 114  | 227193   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.45  | 117  | 265813   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.84 | 152  | 93065    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61   | 65    | 127263   | 4.29     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 85.80%  |
| 7) Chloroethane-d5             | 1.93   | 69    | 118373   | 4.61     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 92.20%  |
| 11) 1,1-Dichloroethene-d2      | 2.59   | 63    | 154378   | 2.80     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 56.00%# |
| 20) 2-Butanone-d5              | 4.69   | 46    | 312735   | 45.53    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 91.06%  |
| 24) Chloroform-d               | 5.11   | 84    | 225927   | 4.50     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 90.00%  |
| 26) 1,2-Dichloroethane-d4      | 5.75   | 65    | 123924   | 4.39     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 87.80%  |
| 32) Benzene-d6                 | 5.77   | 84    | 421053   | 4.15     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 83.00%  |
| 36) 1,2-Dichloropropane-d6     | 6.74   | 67    | 147235   | 4.31     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 86.20%  |
| 41) Toluene-d8                 | 7.93   | 98    | 322391   | 3.44     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 68.80%# |
| 43) trans-1,3-Dichloropropene- | 8.22   | 79    | 49682    | 3.73     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 74.60%  |
| 46) 2-Hexanone-d5              | 8.68   | 63    | 233243   | 43.64    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 87.28%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.78  | 84    | 119080   | 4.14     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 82.80%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.22  | 152   | 97063    | 4.80     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 96.00%  |

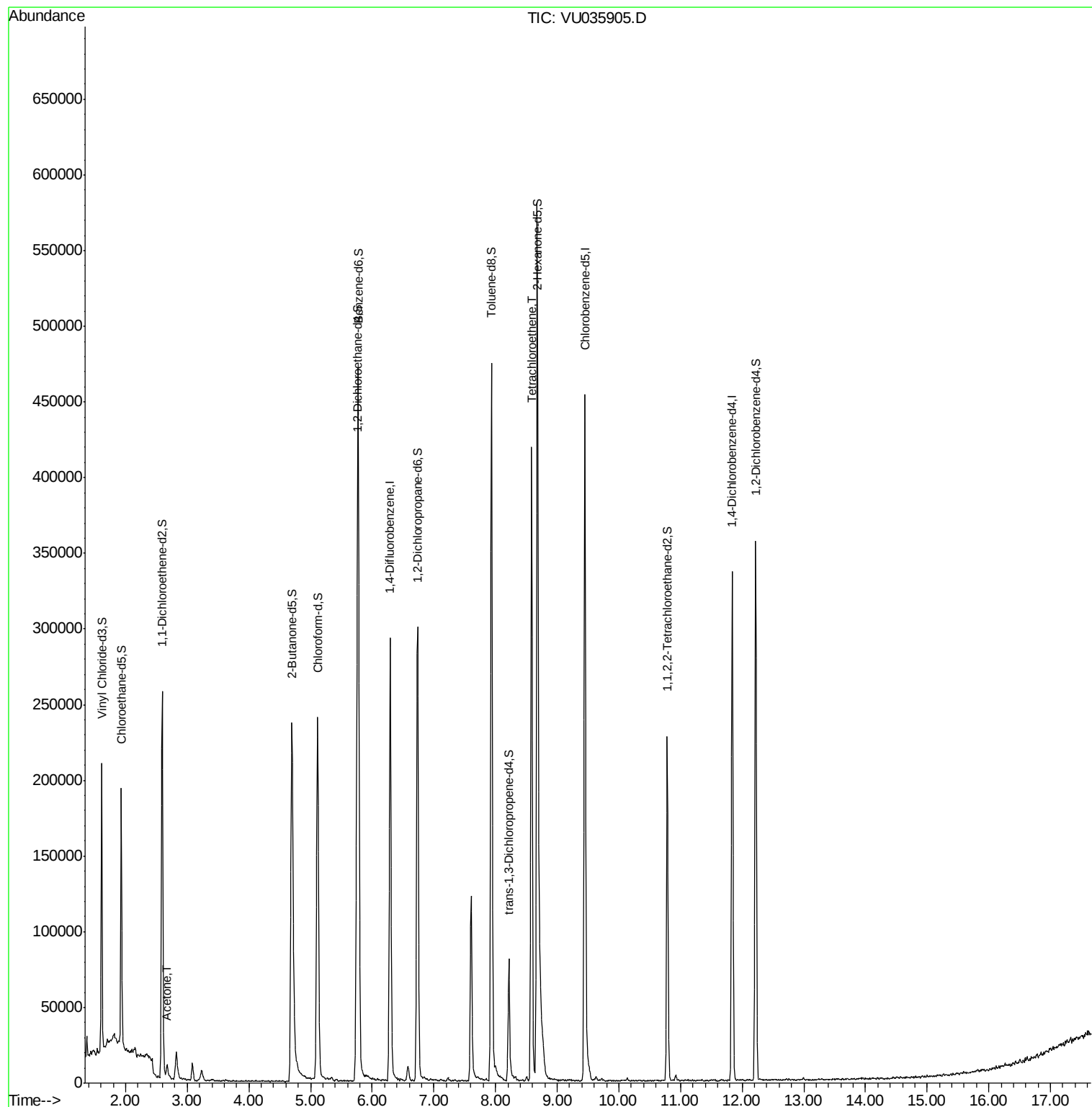
| Target Compounds      |      |     |       |            | Ovalue |
|-----------------------|------|-----|-------|------------|--------|
| 13) Acetone           | 2.67 | 43  | 11029 | 1.828 ug/L | 97     |
| 47) Tetrachloroethene | 8.58 | 164 | 93470 | 4.515 ug/L | 98     |

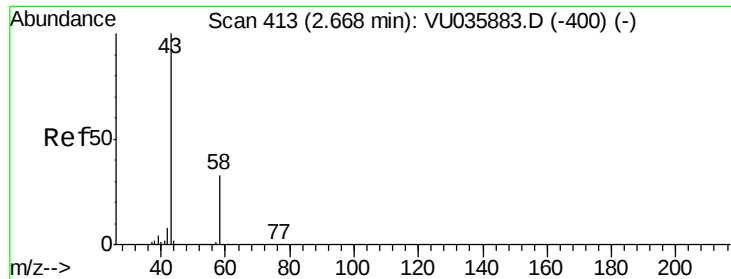
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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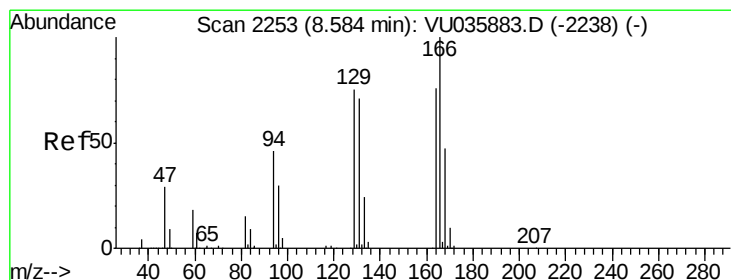
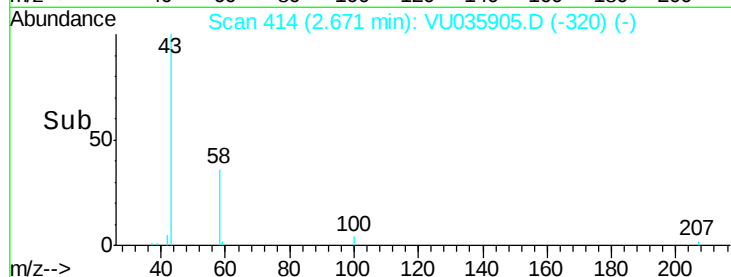
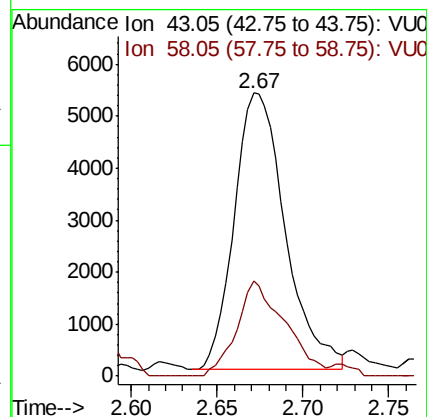
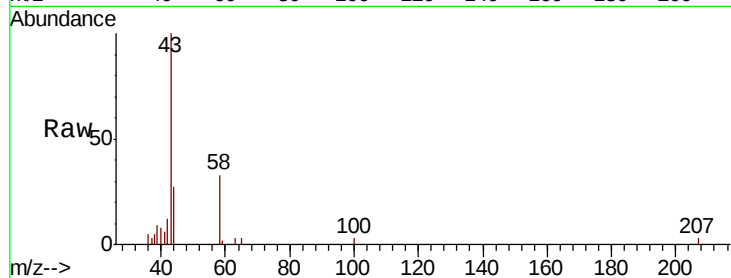




#13  
Acetone  
Concen: 1.828 ug/L  
RT: 2.67 min Scan# 414  
Delta R.T. 0.00 min  
Lab File: VU035905.D  
Acq: 27 Nov 2019 19:24

Instrument :  
MSVOA\_U  
ClientSampleId :  
C0AA7DL

Tot Ion: 43 Resp: 11029  
Ion Ratio Lower Upper  
43 100  
58 32.3 0.0 61.2



#47  
Tetrachloroethene  
Concen: 4.515 ug/L  
RT: 8.58 min Scan# 2253  
Delta R.T. -0.00 min  
Lab File: VU035905.D  
Acq: 27 Nov 2019 19:24

Tgt Ion: 164 Resp: 93470  
Ion Ratio Lower Upper  
164 100  
129 97.0 68.8 127.8  
131 93.2 67.3 124.9  
166 128.6 91.6 170.2

