

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U120219\  
 Data File : VU035935.D  
 Acq On : 02 Dec 2019 15:44  
 Operator : JC/SP  
 Sample : K6056-13DL 5X  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BFE19DL

Quant Time: Dec 11 07:56:28 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR112119WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Mon Dec 02 18:11:23 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.29  | 114  | 246518   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.45  | 117  | 285877   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.84 | 152  | 107451   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61   | 65    | 187591   | 5.83     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 116.60% |
| 7) Chloroethane-d5             | 1.93   | 69    | 150989   | 5.42     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 108.40% |
| 11) 1,1-Dichloroethene-d2      | 2.59   | 63    | 200306   | 3.35     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 67.00%  |
| 20) 2-Butanone-d5              | 4.70   | 46    | 327394   | 43.93    | ug/L | 0.02    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 87.86%  |
| 24) Chloroform-d               | 5.11   | 84    | 243474   | 4.47     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 89.40%  |
| 26) 1,2-Dichloroethane-d4      | 5.75   | 65    | 135408   | 4.42     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 88.40%  |
| 32) Benzene-d6                 | 5.77   | 84    | 487692   | 4.47     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 89.40%  |
| 36) 1,2-Dichloropropane-d6     | 6.73   | 67    | 160978   | 4.38     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 87.60%  |
| 41) Toluene-d8                 | 7.93   | 98    | 395987   | 3.93     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 78.60%  |
| 43) trans-1,3-Dichloropropene- | 8.22   | 79    | 56347    | 3.94     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 78.80%  |
| 46) 2-Hexanone-d5              | 8.68   | 63    | 233603   | 40.64    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 81.28%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.78  | 84    | 129584   | 4.19     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 83.80%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.22  | 152   | 117030   | 5.01     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 100.20% |

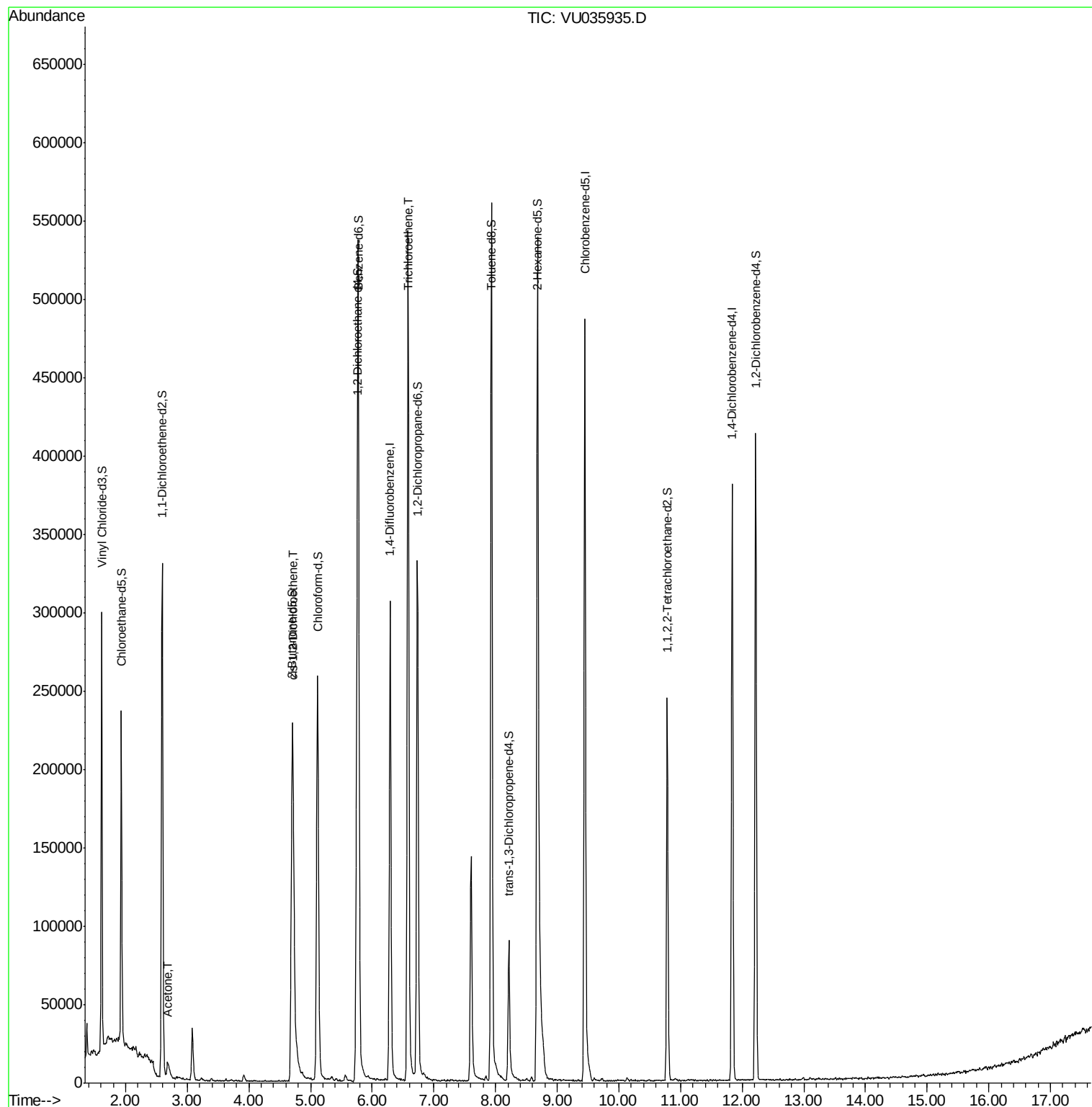
| Target Compounds           |      |    |        |            | Ovalue |
|----------------------------|------|----|--------|------------|--------|
| 13) Acetone                | 2.68 | 43 | 16943  | 2.589 ug/L | 99     |
| 22) cis-1,2-Dichloroethene | 4.72 | 96 | 38228  | 1.358 ug/L | 96     |
| 34) Trichloroethene        | 6.58 | 95 | 195395 | 6.679 ug/L | 96     |

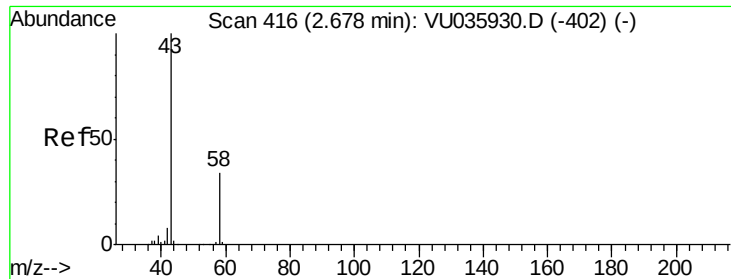
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.589 ug/L

RT: 2.68 min Scan# 418

Delta R.T. 0.02 min

Lab File: VU035935.D

Acq: 02 Dec 2019 15:44

Instrument :

MSVOA\_U

ClientSampleId :

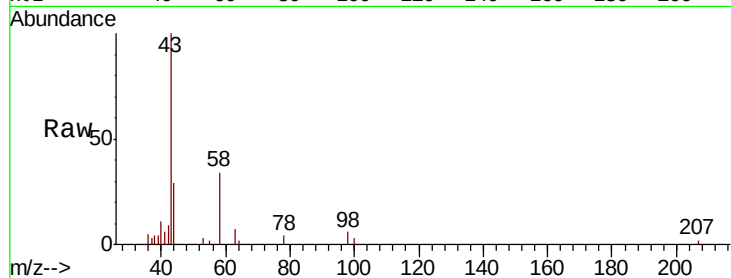
BFE19DL

Tot Ion: 43 Resp: 16943

Ion Ratio Lower Upper

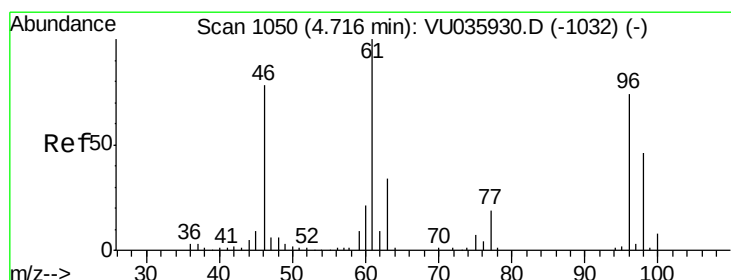
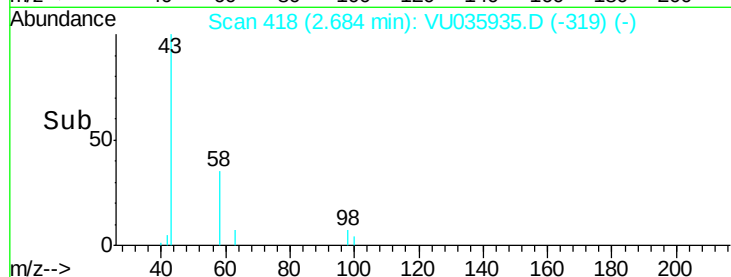
43 100

58 30.0 0.0 61.2



Abundance Ion 43.05 (42.75 to 43.75): VU035935.D (-319) (-)

Ion 58.05 (57.75 to 58.75): VU035935.D (-319) (-)



#22

cis-1,2-Dichloroethene

Concen: 1.358 ug/L

RT: 4.72 min Scan# 1051

Delta R.T. 0.01 min

Lab File: VU035935.D

Acq: 02 Dec 2019 15:44

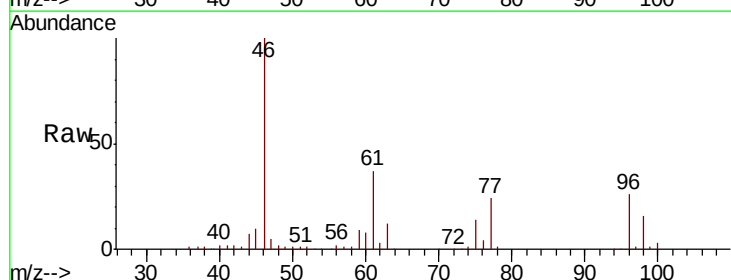
Tgt Ion: 96 Resp: 38228

Ion Ratio Lower Upper

96 100

61 144.5 98.1 182.1

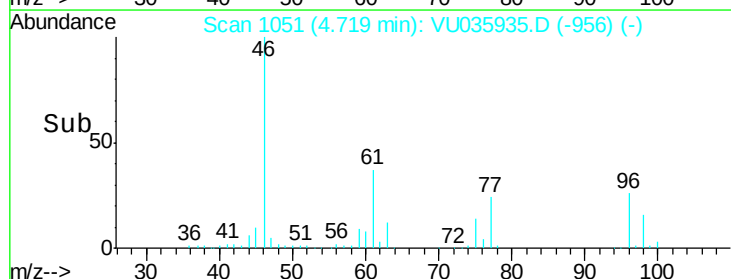
68 0.0 0.0 0.0

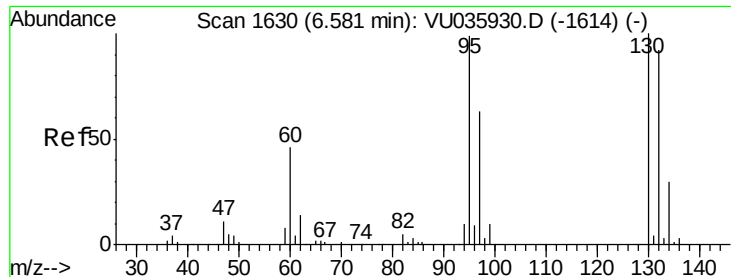


Abundance Ion 96.00 (95.70 to 96.70): VU035935.D (-956) (-)

Ion 61.05 (60.75 to 61.75): VU035935.D (-956) (-)

Ion 68.15 (67.85 to 68.85): VU035935.D (-956) (-)





#34

Trichloroethene

Concen: 6.679 ug/L

RT: 6.58 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VU035935.D

Acq: 02 Dec 2019 15:44

Instrument :

MSVOA\_U

ClientSampleId :

BFE19DL

Tot Ion: 95 Resp: 195395

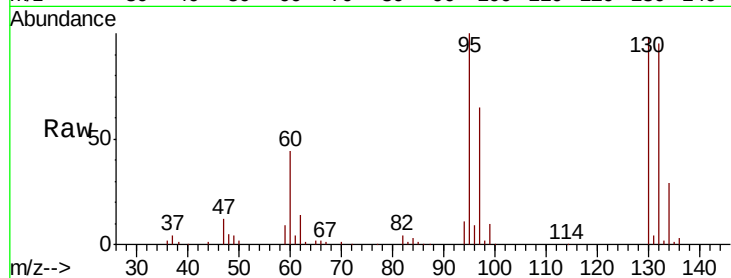
Ion Ratio Lower Upper

95 100

97 64.6 45.1 83.9

132 95.2 61.9 114.9

130 97.7 66.3 123.1



Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

