

Data File : VU035570.D  
Acq On : 30 Oct 2019 19:01  
Operator : JC/SP  
Sample : K5559-01  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
C0CP5

Quant Time: Oct 31 00:45:05 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM103119WMA.M  
Quant Title : VOC Analysis  
QLast Update : Thu Oct 31 00:14:38 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.30  | 114  | 671436   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.45  | 117  | 642437   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.84 | 152  | 198940   | 50.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.62    | 65    | 232139   | 42.81    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 85.62%  |
| 7) Chloroethane-d5             | 1.94    | 69    | 196711   | 45.42    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 90.84%  |
| 11) 1,1-Dichloroethene-d2      | 2.60    | 63    | 287807   | 34.13    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 68.26%  |
| 21) 2-Butanone-d5              | 4.69    | 46    | 311837   | 98.44    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 98.44%  |
| 24) Chloroform-d               | 5.12    | 84    | 390499   | 46.63    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 93.26%  |
| 26) 1,2-Dichloroethane-d4      | 5.75    | 65    | 244272   | 47.61    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 95.22%  |
| 32) Benzene-d6                 | 5.77    | 84    | 829575   | 49.54    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 99.08%  |
| 36) 1,2-Dichloropropane-d6     | 6.74    | 67    | 272304   | 50.14    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 100.28% |
| 41) Toluene-d8                 | 7.93    | 98    | 750453   | 47.51    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 95.02%  |
| 43) trans-1,3-Dichloropropene- | 8.22    | 79    | 116481   | 46.56    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 93.12%  |
| 47) 2-Hexanone-d5              | 8.68    | 63    | 201377   | 96.75    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 96.75%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.79   | 84    | 361518   | 46.81    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 93.62%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.22   | 152   | 206977   | 51.58    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 103.16% |

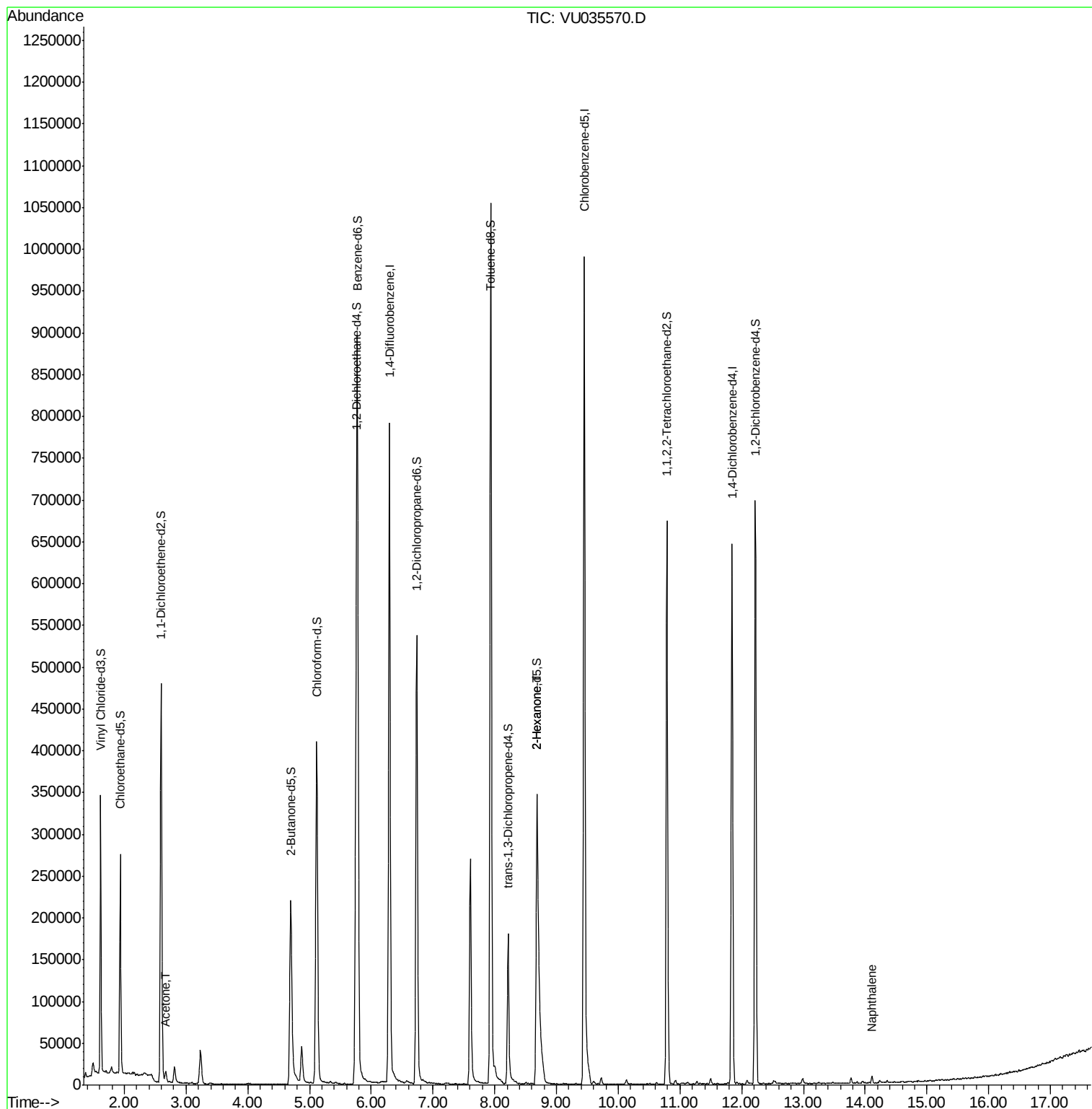
| Target Compounds |       |     |       |              | Qvalue |
|------------------|-------|-----|-------|--------------|--------|
| 13) Acetone      | 2.67  | 43  | 14541 | 5.217 ug/L   | 97     |
| 48) 2-Hexanone   | 8.68  | 43  | 17563 | 3.339 ug/L # | 59     |
| 69) Naphthalene  | 14.11 | 128 | 6278  | 1.008 ug/L   | 96     |

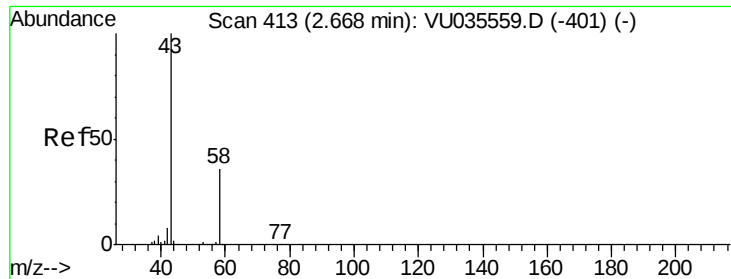
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.217 ug/L

RT: 2.67 min Scan# 414

Delta R.T. 0.00 min

Lab File: VU035570.D

Acq: 30 Oct 2019 19:01

Instrument :

MSVOA\_U

ClientSampleId :

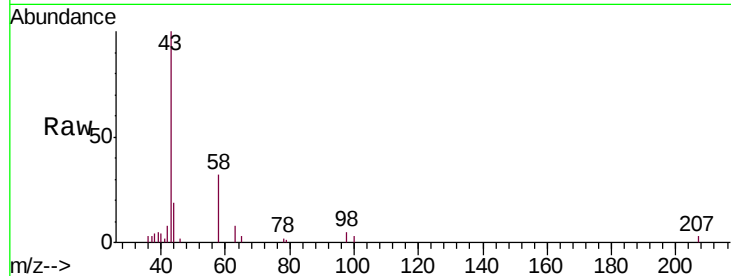
C0CP5

Tgt Ion: 43 Resp: 14541

Ion Ratio Lower Upper

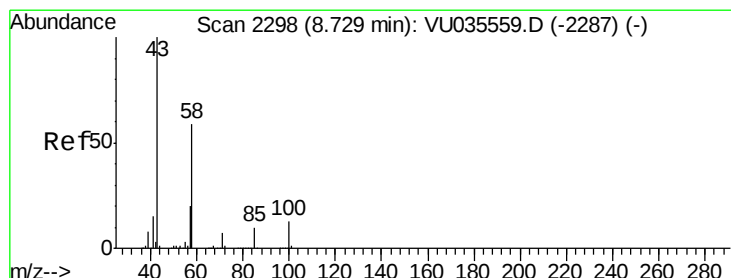
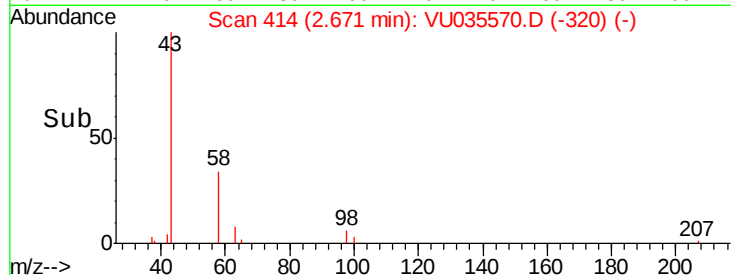
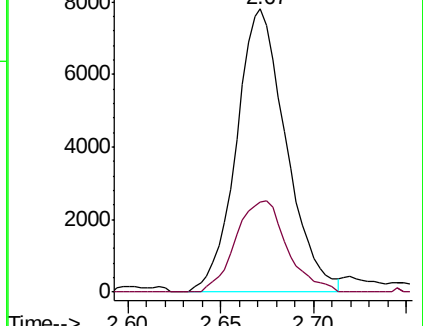
43 100

58 33.2 0.0 70.0



Abundance Ion 43.00 (42.70 to 43.70): VU035570.D (-320) (-)

Ion 58.00 (57.70 to 58.70): VU035570.D (-320) (-)



#48

2-Hexanone

Concen: 3.339 ug/L

RT: 8.68 min Scan# 2284

Delta R.T. -0.04 min

Lab File: VU035570.D

Acq: 30 Oct 2019 19:01

Tgt Ion: 43 Resp: 17563

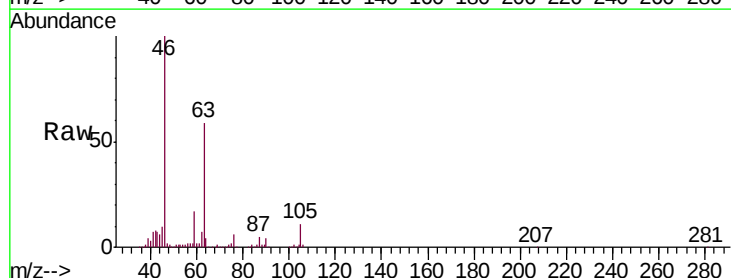
Ion Ratio Lower Upper

43 100

58 24.8 50.4 75.6#

57 32.0 17.4 26.0#

100 0.2 10.5 15.7#

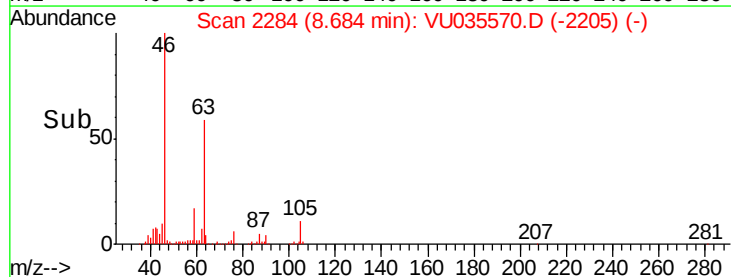
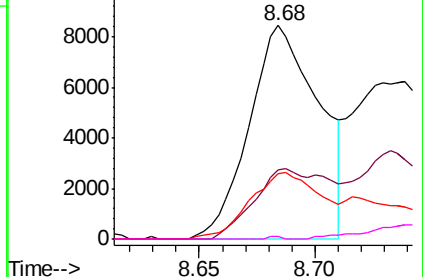


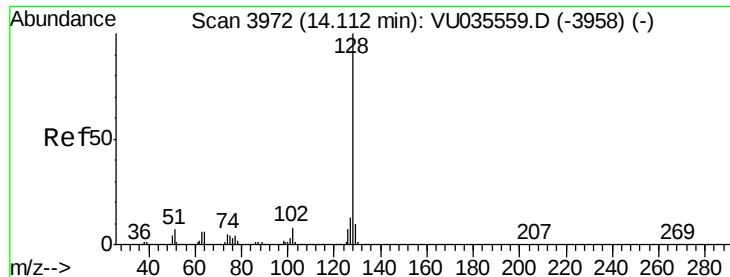
Abundance Ion 43.00 (42.70 to 43.70): VU035570.D (-2205) (-)

Ion 58.00 (57.70 to 58.70): VU035570.D (-2205) (-)

Ion 57.00 (56.70 to 57.70): VU035570.D (-2205) (-)

Ion 100.00 (99.70 to 100.70): VU035570.D (-2205) (-)





#69

Naphthalene

Concen: 1.008 ug/L

RT: 14.11 min Scan# 3972

Delta R.T. 0.00 min

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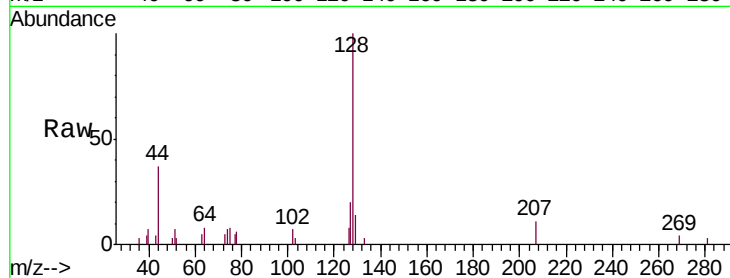
Tgt Ion:128 Resp: 6278

Ion Ratio Lower Upper

128 100

127 15.6 10.7 16.1

129 11.6 8.5 12.7



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

