

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061419\  
 Data File : VU032700.D  
 Acq On : 13 Jun 2019 17:38  
 Operator : JC/SP  
 Sample : K3364-01  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 COM22

Quant Time: Jun 17 15:56:44 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR060419WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Jun 14 07:38:22 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 97410    | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 92888    | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 42871    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40   | 65    | 29742    | 4.70     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 94.00%  |
| 7) Chloroethane-d5             | 1.68   | 69    | 24935    | 4.61     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 92.20%  |
| 11) 1,1-Dichloroethene-d2      | 2.27   | 63    | 46522    | 3.62     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 72.40%  |
| 20) 2-Butanone-d5              | 4.19   | 46    | 89072    | 50.39    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 100.78% |
| 24) Chloroform-d               | 4.64   | 84    | 60693    | 5.30     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 106.00% |
| 26) 1,2-Dichloroethane-d4      | 5.31   | 65    | 34247    | 5.78     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 115.60% |
| 32) Benzene-d6                 | 5.33   | 84    | 117763   | 5.10     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 102.00% |
| 36) 1,2-Dichloropropane-d6     | 6.33   | 67    | 38572    | 5.42     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 108.40% |
| 41) Toluene-d8                 | 7.56   | 98    | 103391   | 4.84     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 96.80%  |
| 43) trans-1,3-Dichloropropene- | 7.85   | 79    | 13643    | 4.49     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 89.80%  |
| 46) 2-Hexanone-d5              | 8.31   | 63    | 61837    | 40.57    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 81.14%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43  | 84    | 28642    | 4.77     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 95.40%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.86  | 152   | 41194    | 5.34     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 106.80% |

## Target Compounds

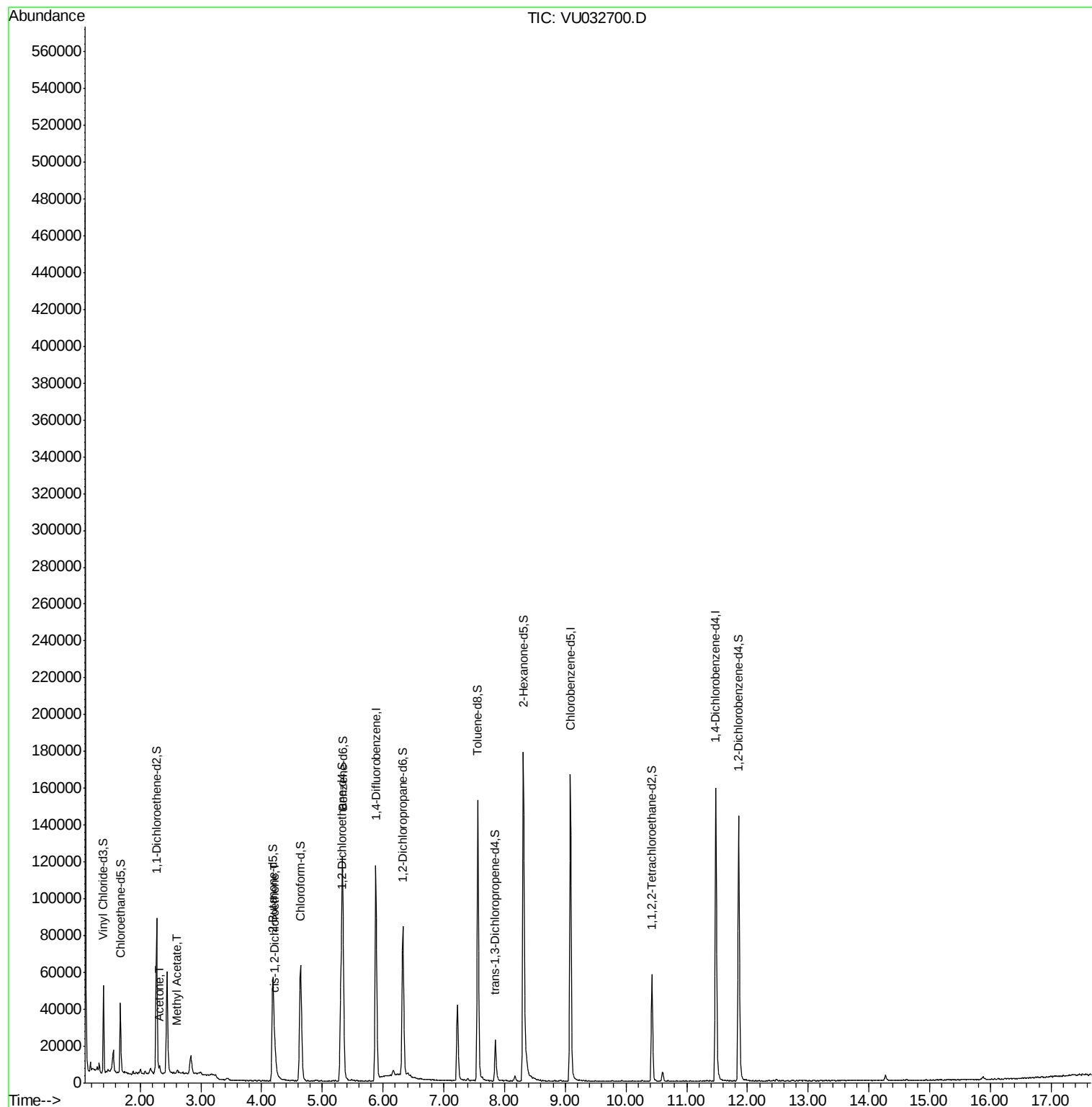
|                            |      |    |      |              | Ovalue |
|----------------------------|------|----|------|--------------|--------|
| 13) Acetone                | 2.32 | 43 | 4162 | 3.034 ug/L   | 89     |
| 15) Methyl Acetate         | 2.61 | 43 | 1886 | 0.501 ug/L # | 84     |
| 22) cis-1,2-Dichloroethene | 4.22 | 96 | 2113 | 0.280 ug/L   | 92     |

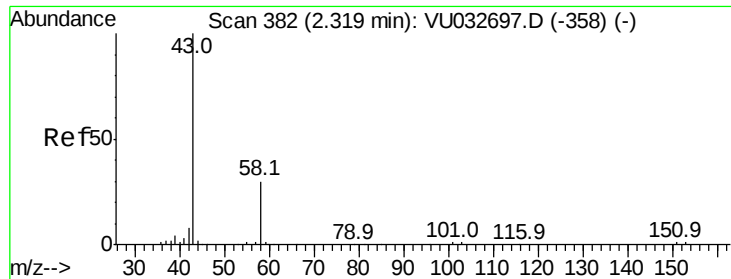
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU061419\  
Data File : VU032700.D  
Acq On : 13 Jun 2019 17:38  
Operator : JC/SP  
Sample : K3364-01  
Misc : 25.0mL/MSVOA U/WATER  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
COM22

Quant Time: Jun 17 15:56:44 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR060419WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Fri Jun 14 07:38:22 2019  
Response via : Initial Calibration





#13

Acetone

Concen: 3.034 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

Lab File: VU032700.D

Acq: 13 Jun 2019 17:38

Instrument :

MSVOA\_U

ClientSampleId :

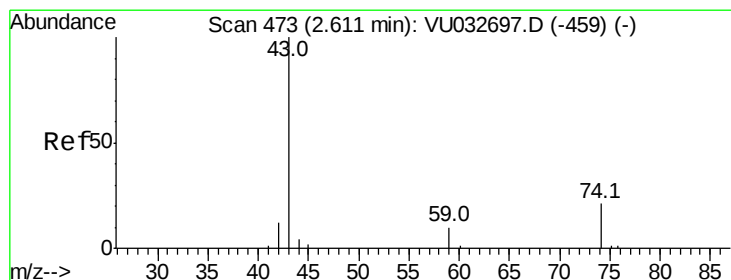
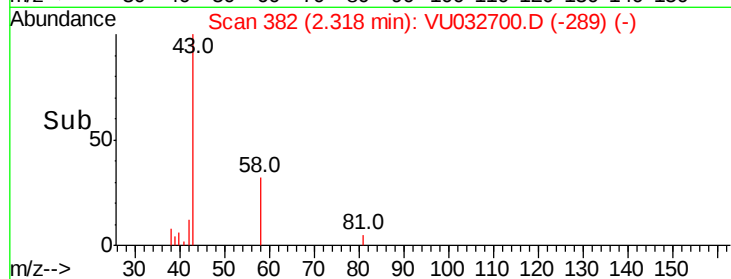
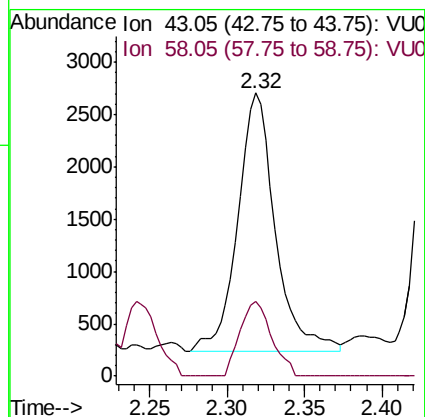
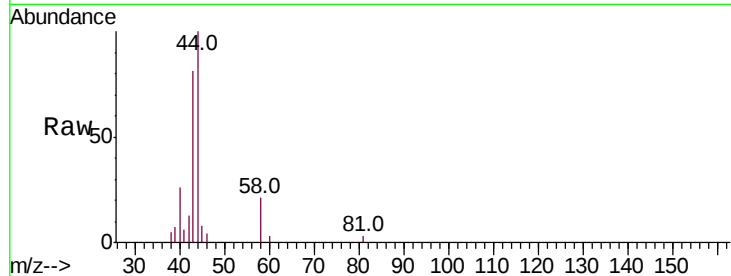
COM22

Tot Ion: 43 Resp: 4162

Ion Ratio Lower Upper

43 100

58 24.2 0.0 60.8



#15

Methyl Acetate

Concen: 0.501 ug/L

RT: 2.61 min Scan# 474

Delta R.T. 0.00 min

Lab File: VU032700.D

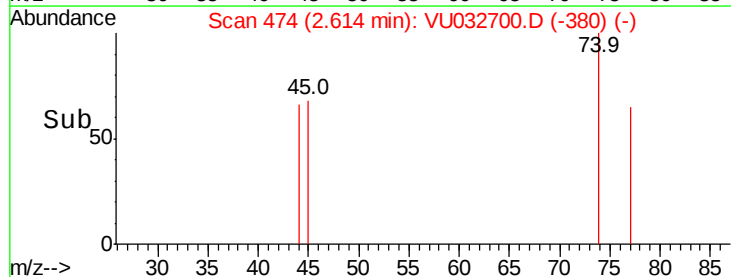
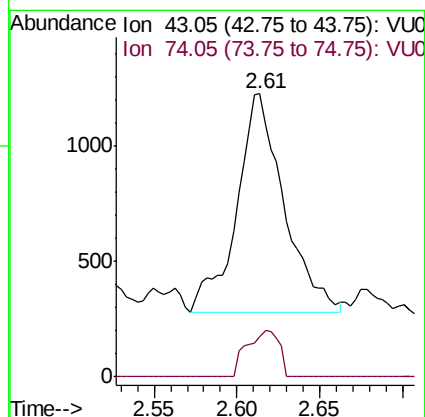
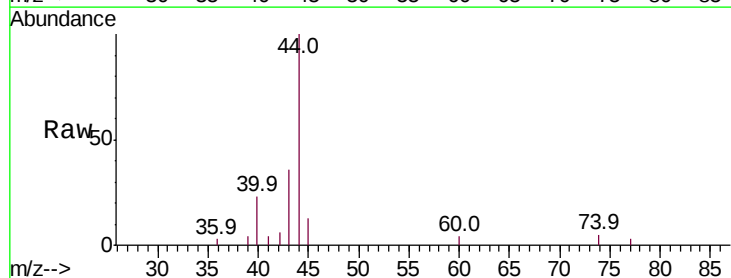
Acq: 13 Jun 2019 17:38

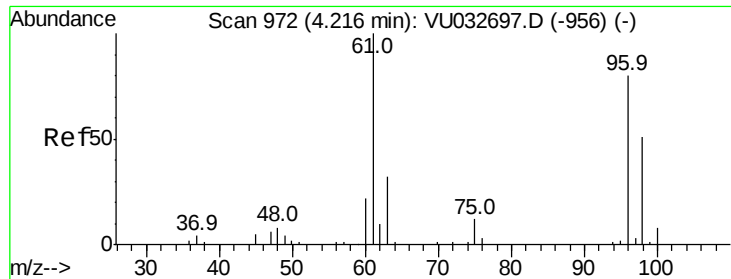
Tgt Ion: 43 Resp: 1886

Ion Ratio Lower Upper

43 100

74 14.4 17.8 26.8#





#22  
 cis-1,2-Dichloroethene  
 Concen: 0.280 ug/L  
 RT: 4.22 min Scan# 975  
 Delta R.T. 0.01 min  
 Lab File: VU032700.D  
 Acq: 13 Jun 2019 17:38

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 COM22

Tot Ion: 96 Resp: 2113  
 Ion Ratio Lower Upper  
 96 100  
 61 114.7 86.6 160.8  
 68 0.0 0.0 0.0

