

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121219\  
 Data File : VU036169.D  
 Acq On : 12 Dec 2019 23:37  
 Operator : JC/MD  
 Sample : K6273-12  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BFDQ9

Quant Time: Dec 13 04:04:01 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  | 257028   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.45  | 117  | 284193   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.84 | 152  | 109604   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61   | 65    | 135135   | 5.19     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 103.80% |
| 7) Chloroethane-d5             | 1.93   | 69    | 119586   | 5.22     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 104.40% |
| 11) 1,1-Dichloroethene-d2      | 2.59   | 63    | 133854   | 3.89     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 77.80%  |
| 20) 2-Butanone-d5              | 4.69   | 46    | 237525   | 56.76    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 113.52% |
| 24) Chloroform-d               | 5.11   | 84    | 199434   | 5.27     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 105.40% |
| 26) 1,2-Dichloroethane-d4      | 5.75   | 65    | 104277   | 5.44     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 108.80% |
| 32) Benzene-d6                 | 5.77   | 84    | 372295   | 4.90     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 98.00%  |
| 36) 1,2-Dichloropropane-d6     | 6.73   | 67    | 118847   | 5.03     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 100.60% |
| 41) Toluene-d8                 | 7.93   | 98    | 300622   | 4.28     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 85.60%  |
| 43) trans-1,3-Dichloropropene- | 8.21   | 79    | 43072    | 4.36     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 87.20%  |
| 46) 2-Hexanone-d5              | 8.67   | 63    | 178887   | 49.24    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 98.48%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.78  | 84    | 110245   | 5.23     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 104.60% |
| 64) 1,2-Dichlorobenzene-d4     | 12.22  | 152   | 116696   | 5.60     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 112.00% |

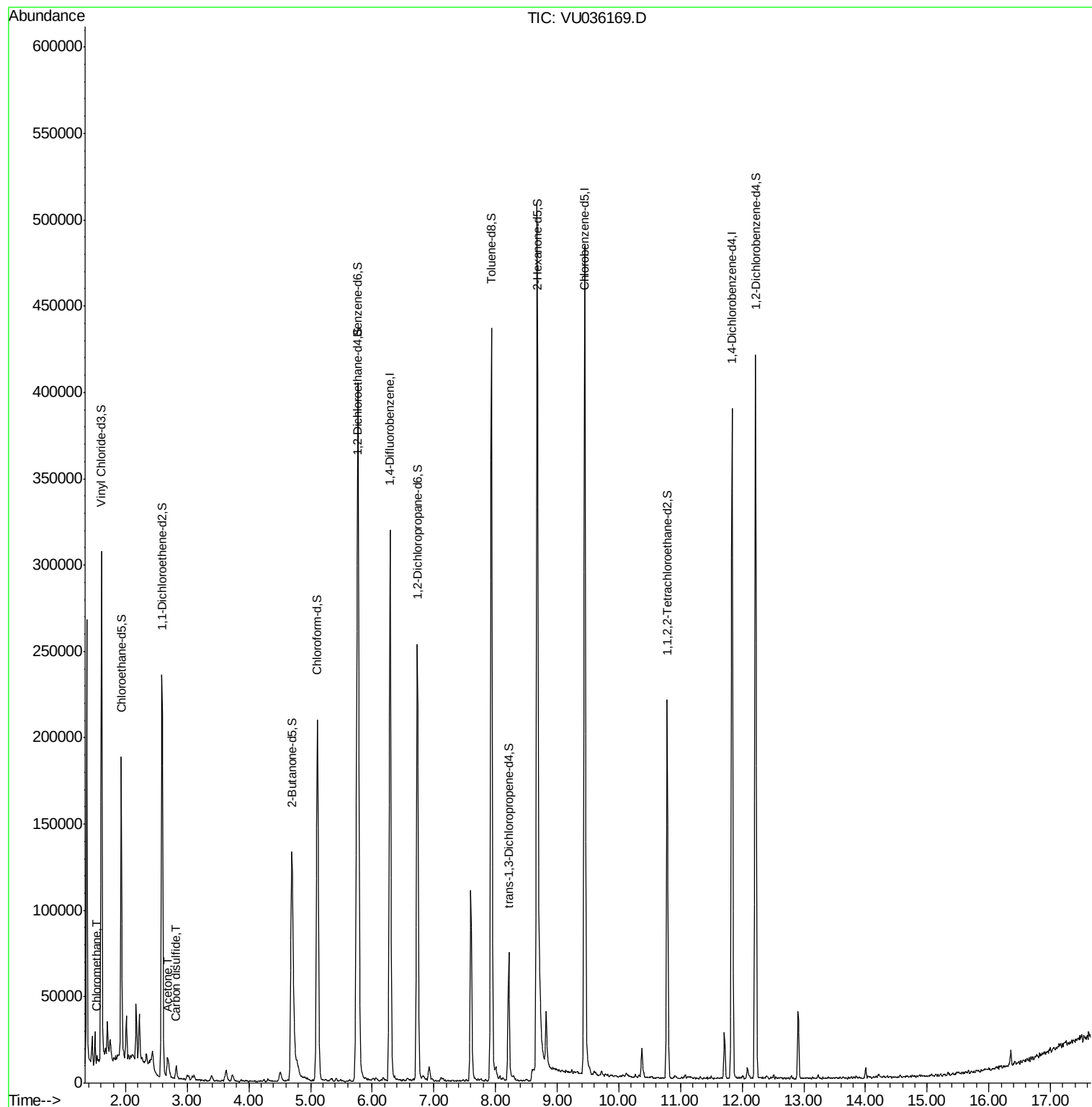
| Target Compounds     |      |    |       |            | Ovalue |
|----------------------|------|----|-------|------------|--------|
| 3) Chloromethane     | 1.53 | 50 | 3423  | 0.093 ug/L | 88     |
| 13) Acetone          | 2.68 | 43 | 21802 | 5.989 ug/L | 94     |
| 14) Carbon disulfide | 2.82 | 76 | 10893 | 0.169 ug/L | 97     |

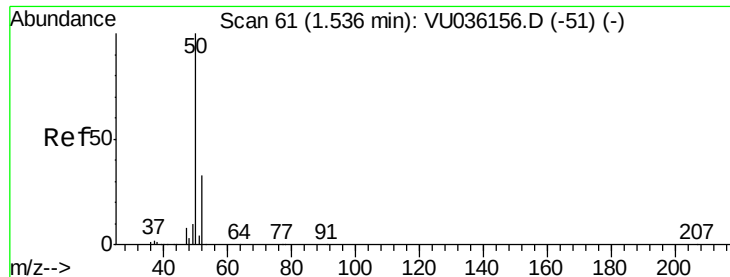
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 13 02:41:23 2019  
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.093 ug/L

RT: 1.53 min Scan# 60

Delta R.T. -0.00 min

Lab File: VU036169.D

Acq: 12 Dec 2019 23:37

Instrument :

MSVOA\_U

ClientSampleId :

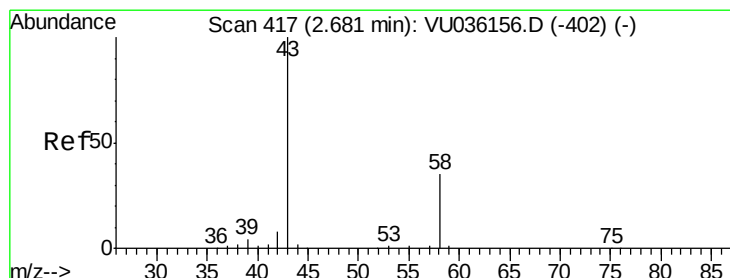
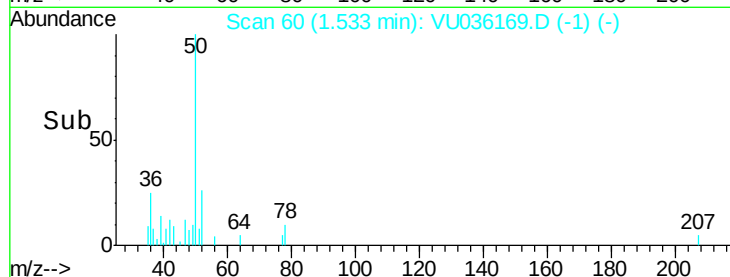
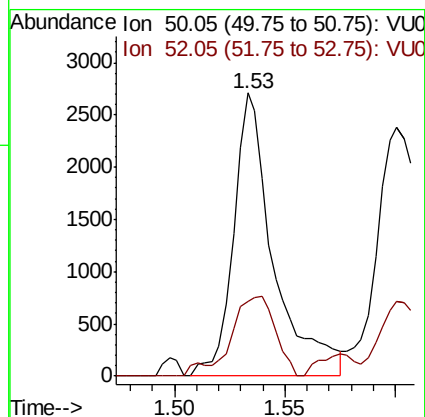
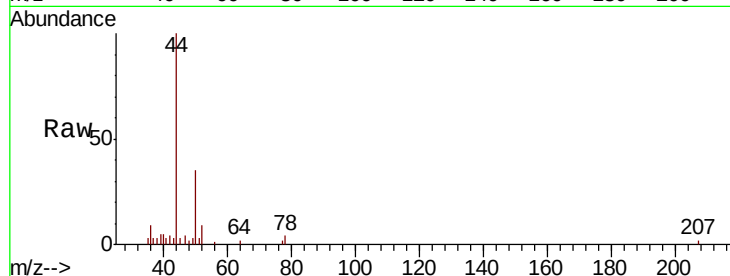
BFDQ9

Tot Ion: 50 Resp: 3423

Ion Ratio Lower Upper

50 100

52 26.2 23.0 42.8



#13

Acetone

Concen: 5.989 ug/L

RT: 2.68 min Scan# 418

Delta R.T. 0.00 min

Lab File: VU036169.D

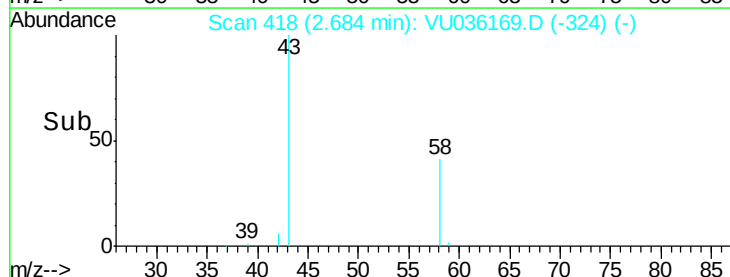
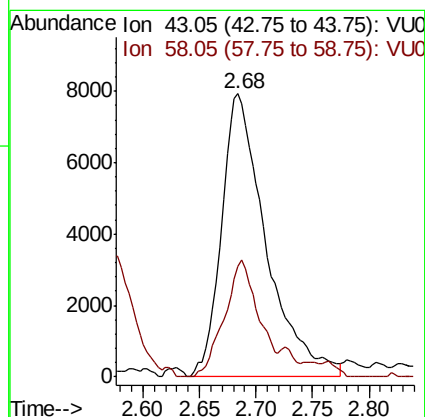
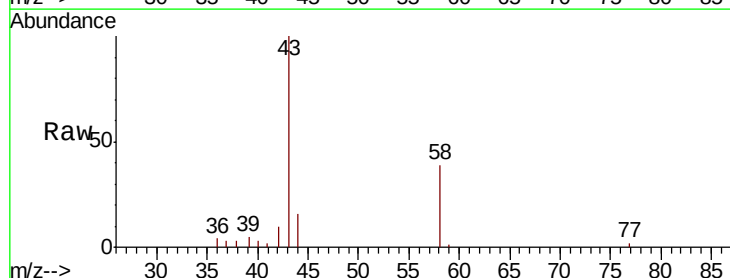
Acq: 12 Dec 2019 23:37

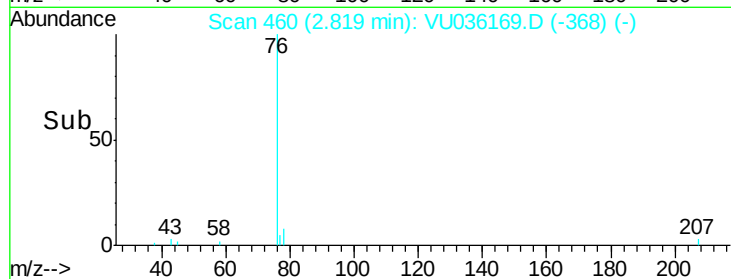
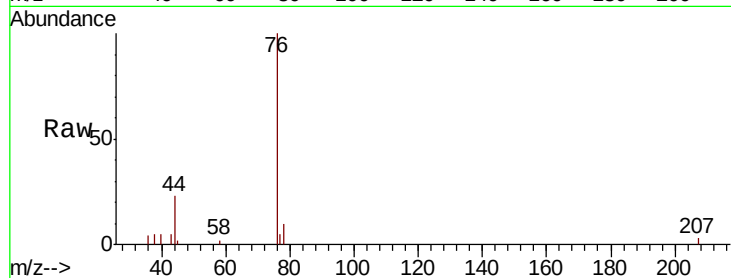
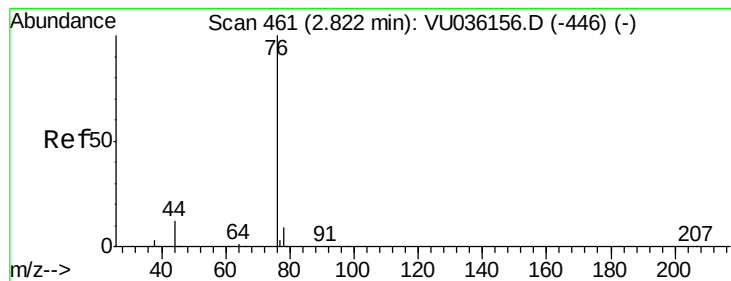
Tgt Ion: 43 Resp: 21802

Ion Ratio Lower Upper

43 100

58 31.8 0.0 70.0





#14

Carbon disulfide

Concen: 0.169 ug/L

RT: 2.82 min Scan# 460

Delta R.T. -0.00 min

Lab File: VU036169.D

Acq: 12 Dec 2019 23:37

Instrument :

MSVOA\_U

ClientSampleId :

BFDQ9

Tot Ion: 76 Resp: 10893

Ion Ratio Lower Upper

76 100

78 10.0 7.2 10.8

