

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060319\  
 Data File : VU032407.D  
 Acq On : 03 Jun 2019 21:00  
 Operator : JC/SP  
 Sample : K2888-15  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0BP7

Quant Time: Jun 04 09:34:30 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR060319WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Tue Jun 04 08:55:15 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 103132   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 96320    | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 43394    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40   | 65    | 41605    | 4.30     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 86.00%  |
| 7) Chloroethane-d5             | 1.67   | 69    | 36889    | 3.56     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 71.20%  |
| 11) 1,1-Dichloroethene-d2      | 2.27   | 63    | 67501    | 2.98     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 59.60%# |
| 20) 2-Butanone-d5              | 4.18   | 46    | 89589    | 39.77    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 79.54%  |
| 24) Chloroform-d               | 4.64   | 84    | 66499    | 4.51     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 90.20%  |
| 26) 1,2-Dichloroethane-d4      | 5.30   | 65    | 39044    | 4.80     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 96.00%  |
| 32) Benzene-d6                 | 5.33   | 84    | 136084   | 5.04     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 100.80% |
| 36) 1,2-Dichloropropane-d6     | 6.32   | 67    | 45562    | 5.11     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 102.20% |
| 41) Toluene-d8                 | 7.56   | 98    | 125436   | 4.94     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 98.80%  |
| 43) trans-1,3-Dichloropropene- | 7.85   | 79    | 17970    | 4.30     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 86.00%  |
| 46) 2-Hexanone-d5              | 8.31   | 63    | 76901    | 41.71    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 83.42%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43  | 84    | 34394    | 4.58     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 91.60%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.86  | 152   | 42002    | 5.04     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 100.80% |

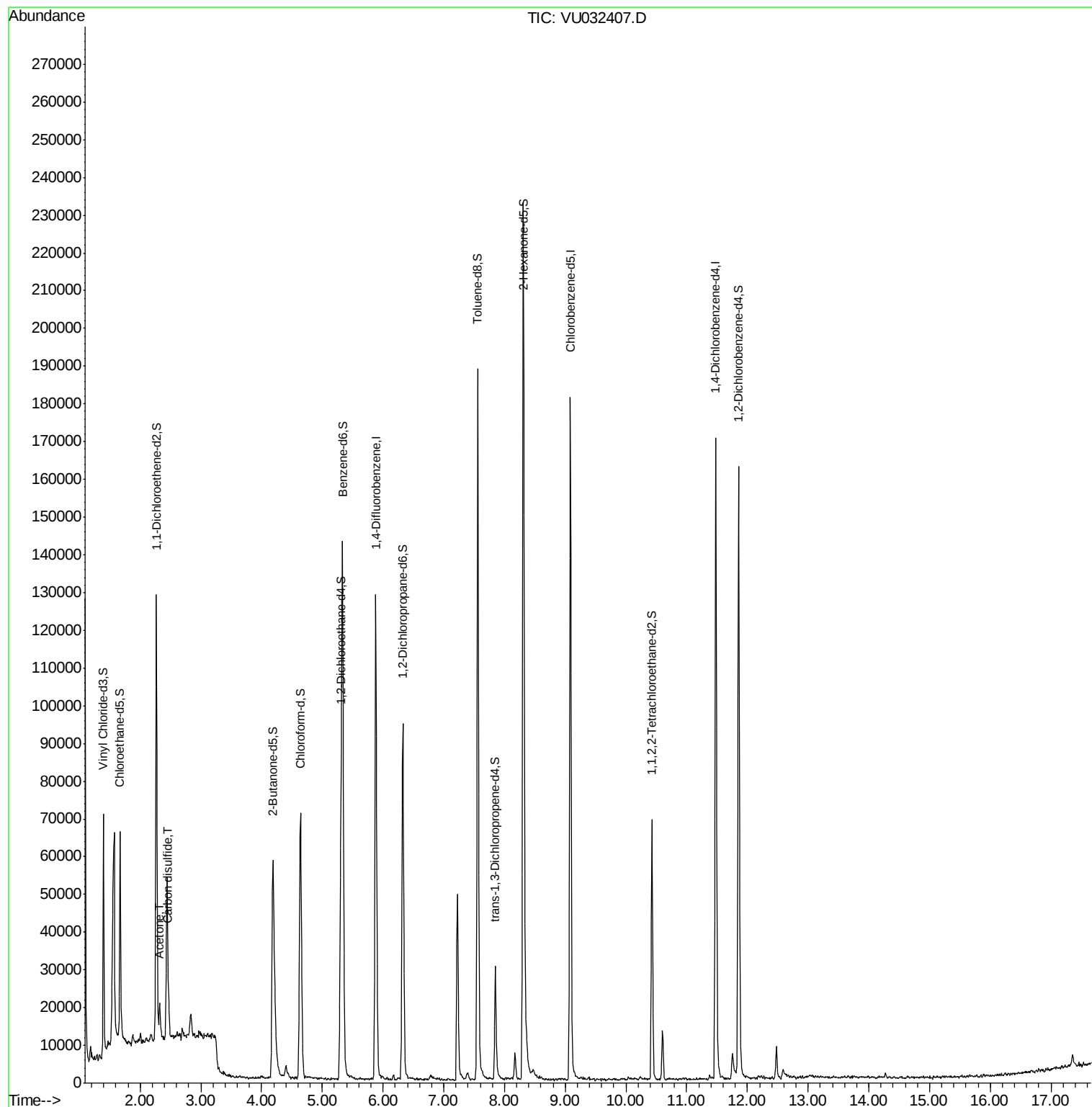
| Target Compounds     |      |    |      |            | Ovalue |
|----------------------|------|----|------|------------|--------|
| 13) Acetone          | 2.32 | 43 | 8478 | 2.253 ug/L | 91     |
| 14) Carbon disulfide | 2.47 | 76 | 7251 | 0.153 ug/L | 96     |

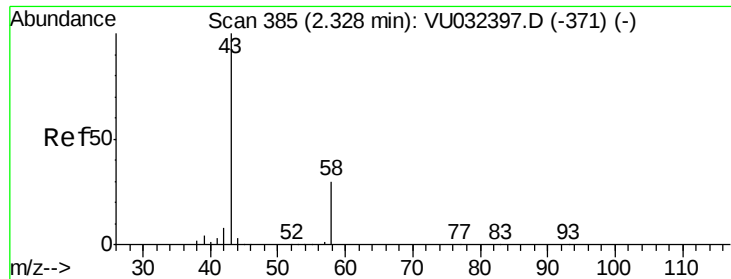
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jun 04 08:55:15 2019  
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#13

Acetone

Concen: 2.253 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.01 min

Lab File: VU032407.D

Acq: 03 Jun 2019 21:00

Instrument :

MSVOA\_U

ClientSampleId :

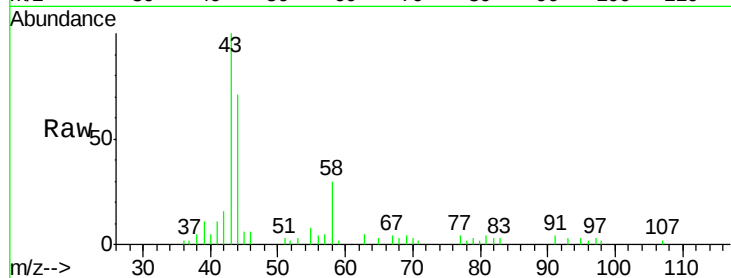
C0BP7

Tot Ion: 43 Resp: 8478

Ion Ratio Lower Upper

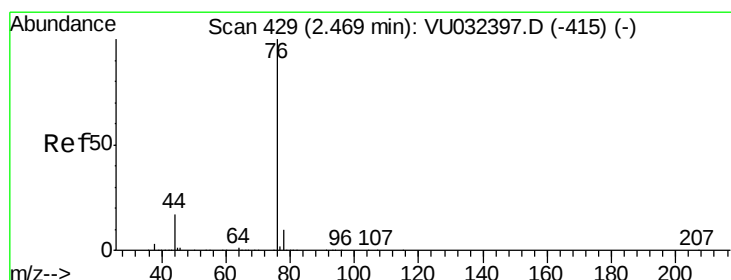
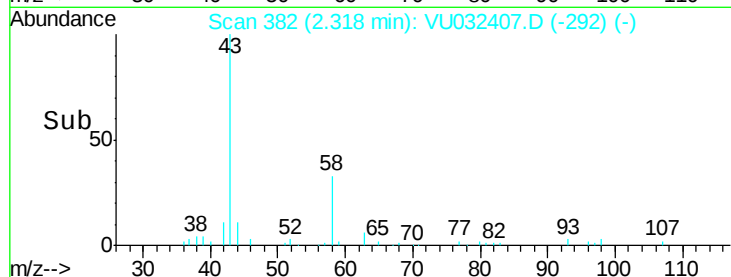
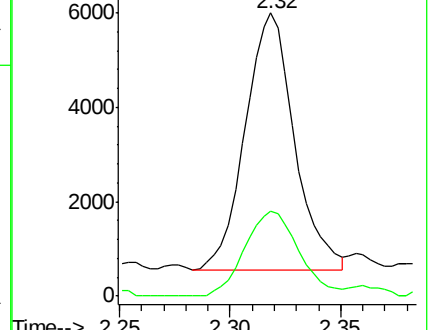
43 100

58 36.2 0.0 62.2



Abundance Ion 43.05 (42.75 to 43.75): VU032397.D (-371) (-)

Ion 58.05 (57.75 to 58.75): VU032397.D (-371) (-)



#14

Carbon disulfide

Concen: 0.153 ug/L

RT: 2.47 min Scan# 429

Delta R.T. 0.00 min

Lab File: VU032407.D

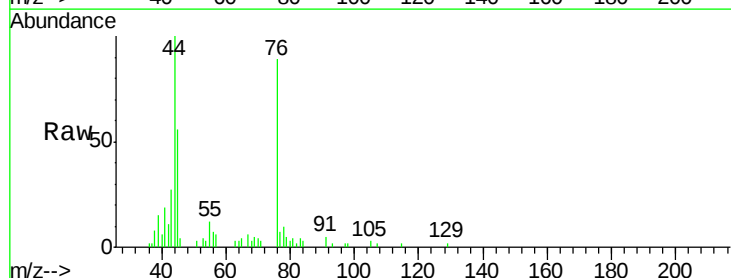
Acq: 03 Jun 2019 21:00

Tgt Ion: 76 Resp: 7251

Ion Ratio Lower Upper

76 100

78 10.9 7.6 11.4



Abundance Ion 76.05 (75.75 to 76.75): VU032397.D (-415) (-)

Ion 78.00 (77.70 to 78.70): VU032397.D (-415) (-)

