

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_V\DATA\VV101819\  
 Data File : VV013214.D  
 Acq On : 18 Oct 2019 20:24  
 Operator : SY/MD  
 Sample : K5321-21  
 Misc : 25.00ML/MSVOA\_V/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 E0AB8

Quant Time: Nov 01 03:57:26 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR101819WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Nov 01 02:14:39 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.68  | 114  | 430166   | 5.00 | ug/L  | 0.02     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 463133   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152  | 231263   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 213610   | 4.83     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 96.60%  |
| 7) Chloroethane-d5             | 1.60   | 69    | 178973   | 5.13     | ug/L | 0.02    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 102.60% |
| 11) 1,1-Dichloroethene-d2      | 2.16   | 63    | 192394   | 2.81     | ug/L | 0.04    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 56.20%# |
| 20) 2-Butanone-d5              | 4.03   | 46    | 479234   | 52.73    | ug/L | 0.06    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 105.46% |
| 24) Chloroform-d               | 4.43   | 84    | 424272   | 5.01     | ug/L | 0.04    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 100.20% |
| 26) 1,2-Dichloroethane-d4      | 5.11   | 65    | 207339   | 5.16     | ug/L | 0.03    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 103.20% |
| 32) Benzene-d6                 | 5.12   | 84    | 864048   | 4.89     | ug/L | 0.03    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 97.80%  |
| 36) 1,2-Dichloropropane-d6     | 6.13   | 67    | 261746   | 4.96     | ug/L | 0.02    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 99.20%  |
| 41) Toluene-d8                 | 7.37   | 98    | 709081   | 4.51     | ug/L | 0.01    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 90.20%  |
| 43) trans-1,3-Dichloropropene- | 7.67   | 79    | 86342    | 4.59     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 91.80%  |
| 46) 2-Hexanone-d5              | 8.14   | 63    | 364766   | 48.28    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 96.56%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 176588   | 4.69     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 93.80%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.67  | 152   | 275664   | 5.62     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 112.40% |

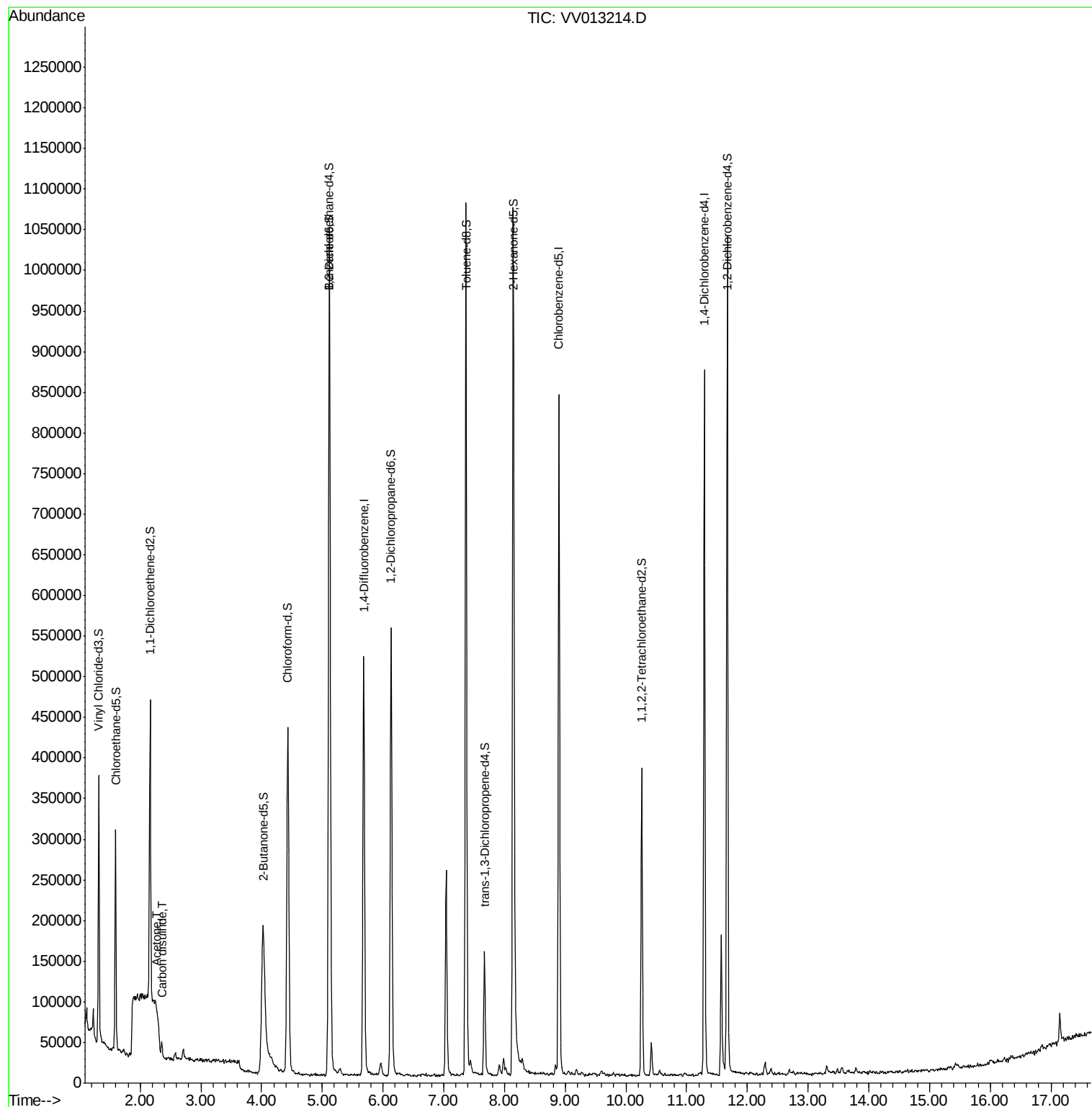
| Target Compounds     |      |    |       |              | Qvalue |
|----------------------|------|----|-------|--------------|--------|
| 13) Acetone          | 2.28 | 43 | 9021  | 2.027 ug/L   | 82     |
| 14) Carbon disulfide | 2.35 | 76 | 21018 | 0.214 ug/L # | 93     |

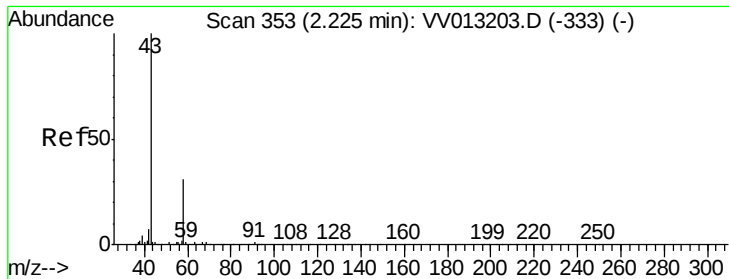
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.027 ug/L

RT: 2.28 min Scan# 370

Delta R.T. 0.05 min

Lab File: VV013214.D

Acq: 18 Oct 2019 20:24

Instrument :

MSVOA\_V

ClientSampleId :

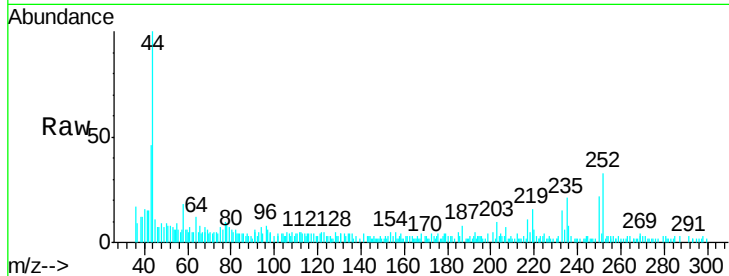
E0AB8

Tgt Ion: 43 Resp: 9021

Ion Ratio Lower Upper

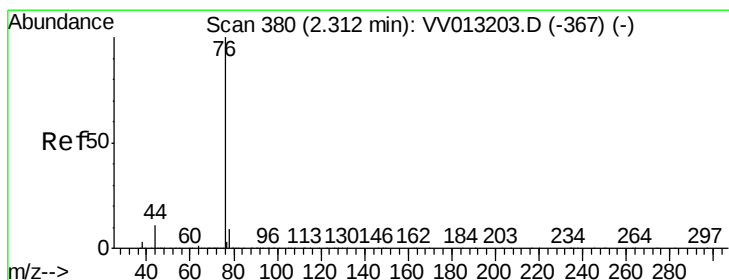
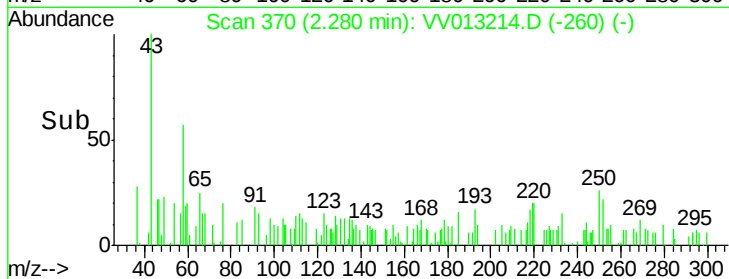
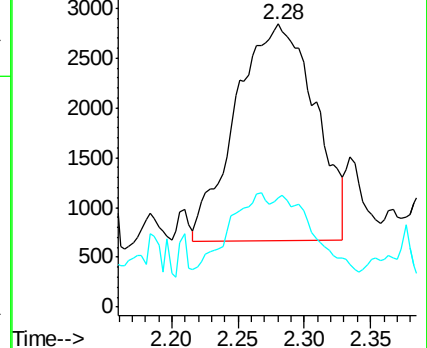
43 100

58 16.8 0.0 52.4



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#14

Carbon disulfide

Concen: 0.214 ug/L

RT: 2.35 min Scan# 393

Delta R.T. 0.04 min

Lab File: VV013214.D

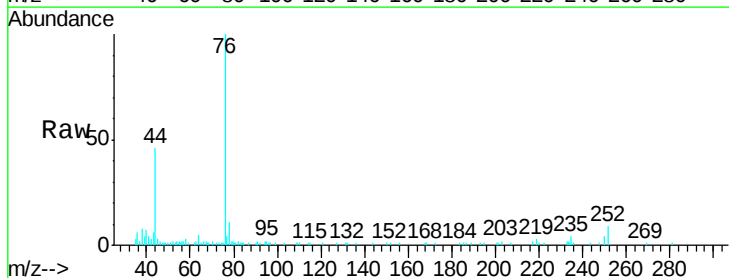
Acq: 18 Oct 2019 20:24

Tgt Ion: 76 Resp: 21018

Ion Ratio Lower Upper

76 100

78 11.2 7.1 10.7#



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0

