

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW073020\  
 Data File : VW016010.D  
 Acq On : 30 Jul 2020 14:45  
 Operator : SY/VA  
 Sample : L3492-16  
 Misc : 3.50G/10ML/MSVOA W/SOIL  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 D0AA9

Quant Time: Jul 31 07:16:19 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM072020S.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Jul 31 06:34:21 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.85  | 114  | 25680    | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 23299    | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.57 | 152  | 6218     | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 9679     | 26.71    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 106.84%  |
| 7) Chloroethane-d5             | 2.89   | 69    | 8953     | 30.42    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 121.68%  |
| 10) 1,1-Dichloroethene-d2      | 4.03   | 63    | 13784    | 18.82    | ug/L | 0.02     |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 75.28%   |
| 20) 2-Butanone-d5              | 7.09   | 46    | 6834     | 71.80    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 143.60%# |
| 24) Chloroform-d               | 7.65   | 84    | 19183    | 26.60    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 106.40%  |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 11538    | 29.14    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 116.56%  |
| 29) Benzene-d6                 | 8.28   | 84    | 36231    | 25.55    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 102.20%  |
| 33) 1,2-Dichloropropane-d6     | 9.28   | 67    | 12111    | 28.49    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 113.96%  |
| 37) Toluene-d8                 | 10.33  | 98    | 27257    | 21.22    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 84.88%   |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 4004     | 22.09    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 88.36%   |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 3092     | 43.68    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 87.36%   |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 10342    | 31.65    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 126.60%# |
| 61) 1,2-Dichlorobenzene-d4     | 13.86  | 152   | 6635     | 27.37    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 109.48%  |

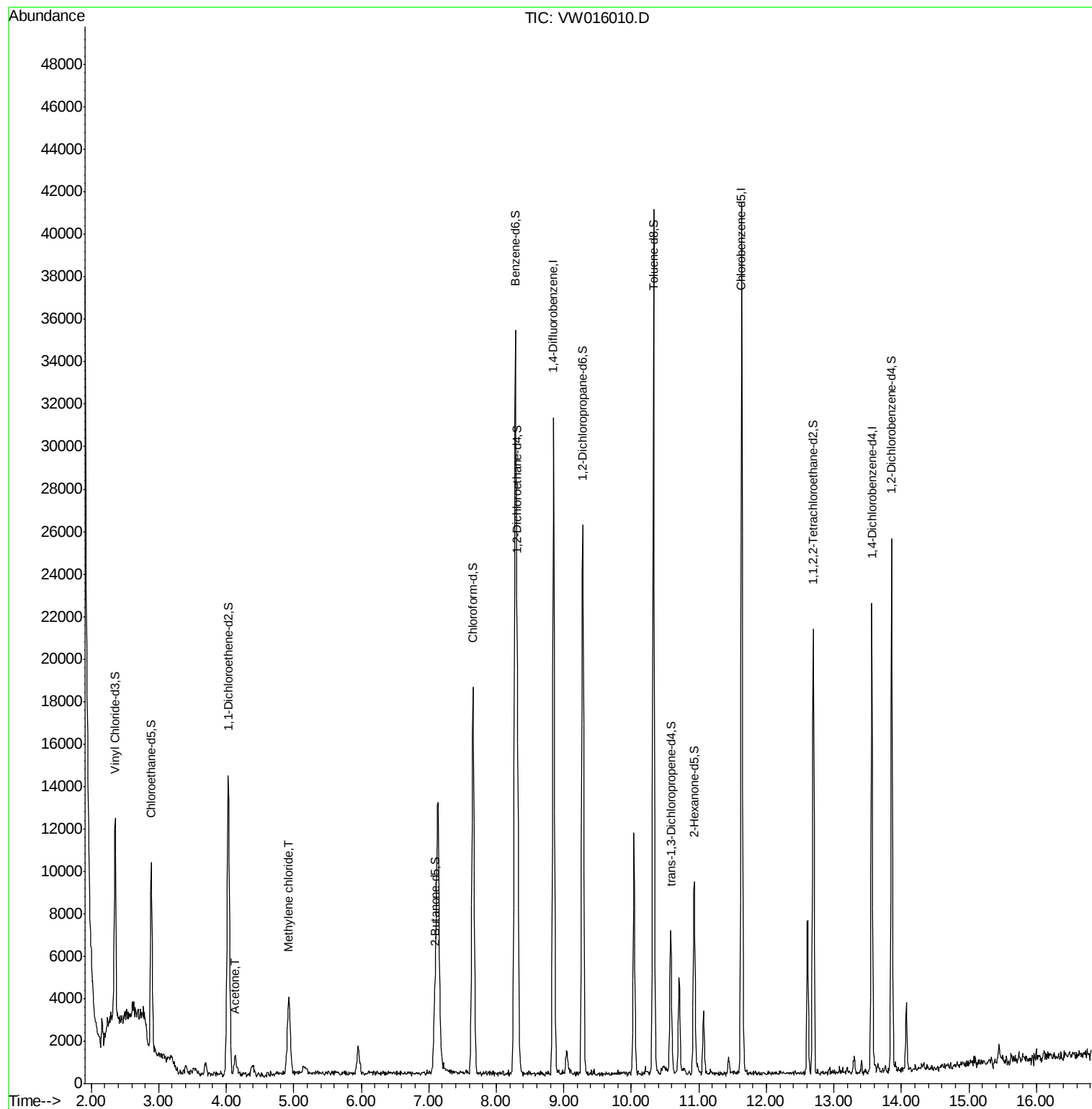
| Target Compounds       |      |    |      |             | Ovalue |
|------------------------|------|----|------|-------------|--------|
| 13) Acetone            | 4.13 | 43 | 1640 | 20.517 ug/L | 53     |
| 16) Methylene chloride | 4.93 | 84 | 2888 | 6.863 ug/L  | 96     |

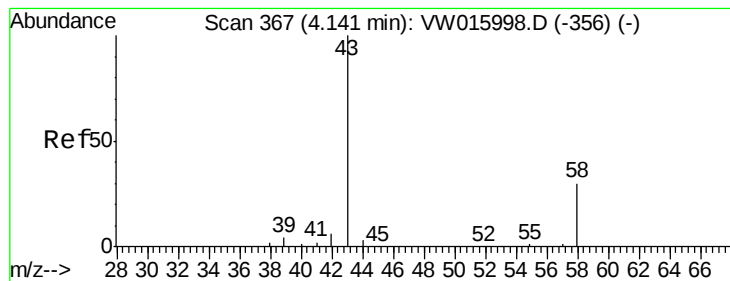
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW073020\  
Data File : VW016010.D  
Acq On : 30 Jul 2020 14:45  
Operator : SY/VA  
Sample : L3492-16  
Misc : 3.50G/10ML/MSVOA W/SOIL  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
D0AA9

Quant Time: Jul 31 07:16:19 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM072020S.M  
Quant Title : VOC Analysis  
QLast Update : Fri Jul 31 06:34:21 2020  
Response via : Initial Calibration





#13

Acetone

Concen: 20.517 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW016010.D

Acq: 30 Jul 2020 14:45

Instrument :

MSVOA\_W

ClientSampleId :

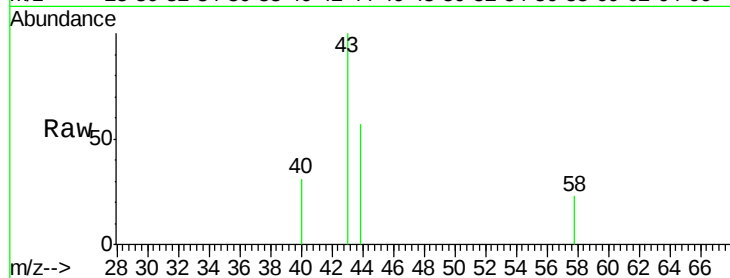
D0AA9

Tot Ion: 43 Resp: 1640

Ion Ratio Lower Upper

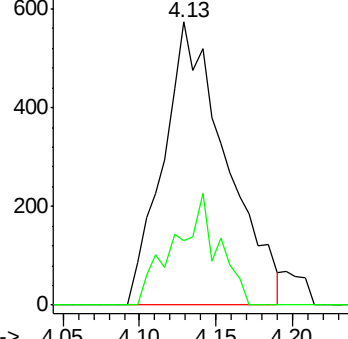
43 100

58 4.1 0.0 58.2

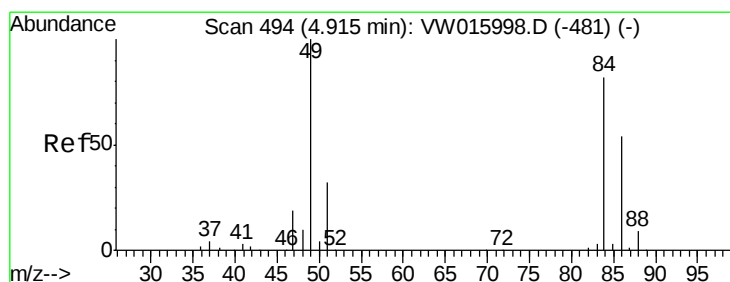
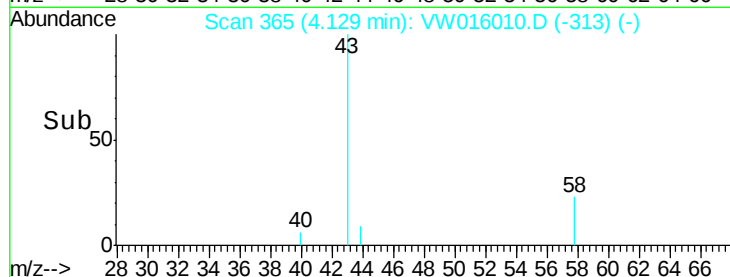


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



Time-->



#16

Methylene chloride

Concen: 6.863 ug/L

RT: 4.93 min Scan# 497

Delta R.T. 0.02 min

Lab File: VW016010.D

Acq: 30 Jul 2020 14:45

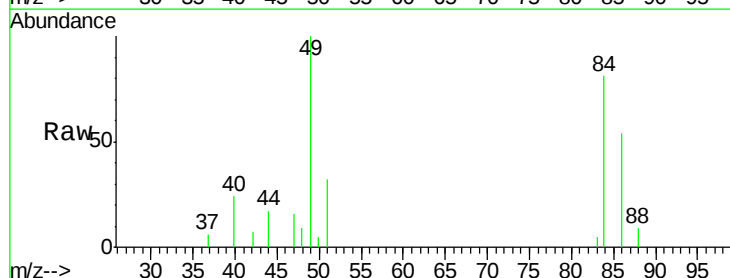
Tgt Ion: 84 Resp: 2888

Ion Ratio Lower Upper

84 100

49 123.2 91.1 169.1

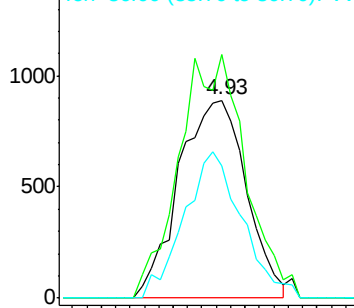
86 66.9 46.0 85.4



Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW



Time-->

