

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW093020\  
 Data File : VW016708.D  
 Acq On : 30 Sep 2020 12:39  
 Operator : SY/VA  
 Sample : L4184-17  
 Misc : 4.41G/10ML/MSVOA W/SOIL  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 C0AQ1

Manual Integrations  
 APPROVED

MMDadoda  
 10/5/2020 4:10:11 PM

Quant Time: Oct 01 05:36:33 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM091520S.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Oct 01 05:05:13 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.85  | 114  | 578167   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 460879   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 178486   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.37   | 65    | 110585   | 19.76    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 79.04%  |
| 7) Chloroethane-d5             | 2.90   | 69    | 109819   | 24.03    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 96.12%  |
| 10) 1,1-Dichloroethene-d2      | 4.03   | 63    | 189511   | 15.15    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 60.60%  |
| 20) 2-Butanone-d5              | 7.09   | 46    | 53362    | 34.97    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 69.94%  |
| 24) Chloroform-d               | 7.66   | 84    | 296019   | 24.47    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 97.88%  |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 150394   | 24.22    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 96.88%  |
| 29) Benzene-d6                 | 8.28   | 84    | 571265   | 27.64    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 110.56% |
| 33) 1,2-Dichloropropane-d6     | 9.28   | 67    | 162056   | 28.93    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 115.72% |
| 37) Toluene-d8                 | 10.33  | 98    | 515088   | 25.33    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 101.32% |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 58589    | 20.75    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 83.00%  |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 44808    | 43.98    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 87.96%  |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 111707   | 23.44    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 93.76%  |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 145088   | 25.44    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 101.76% |

| Target Compounds       |      |    |       |            | Ovalue |
|------------------------|------|----|-------|------------|--------|
| 13) Acetone            | 4.14 | 43 | 1709  | 1.430 ug/L | 83     |
| 16) Methylene chloride | 4.93 | 84 | 6920m | 0.776 ug/L |        |

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

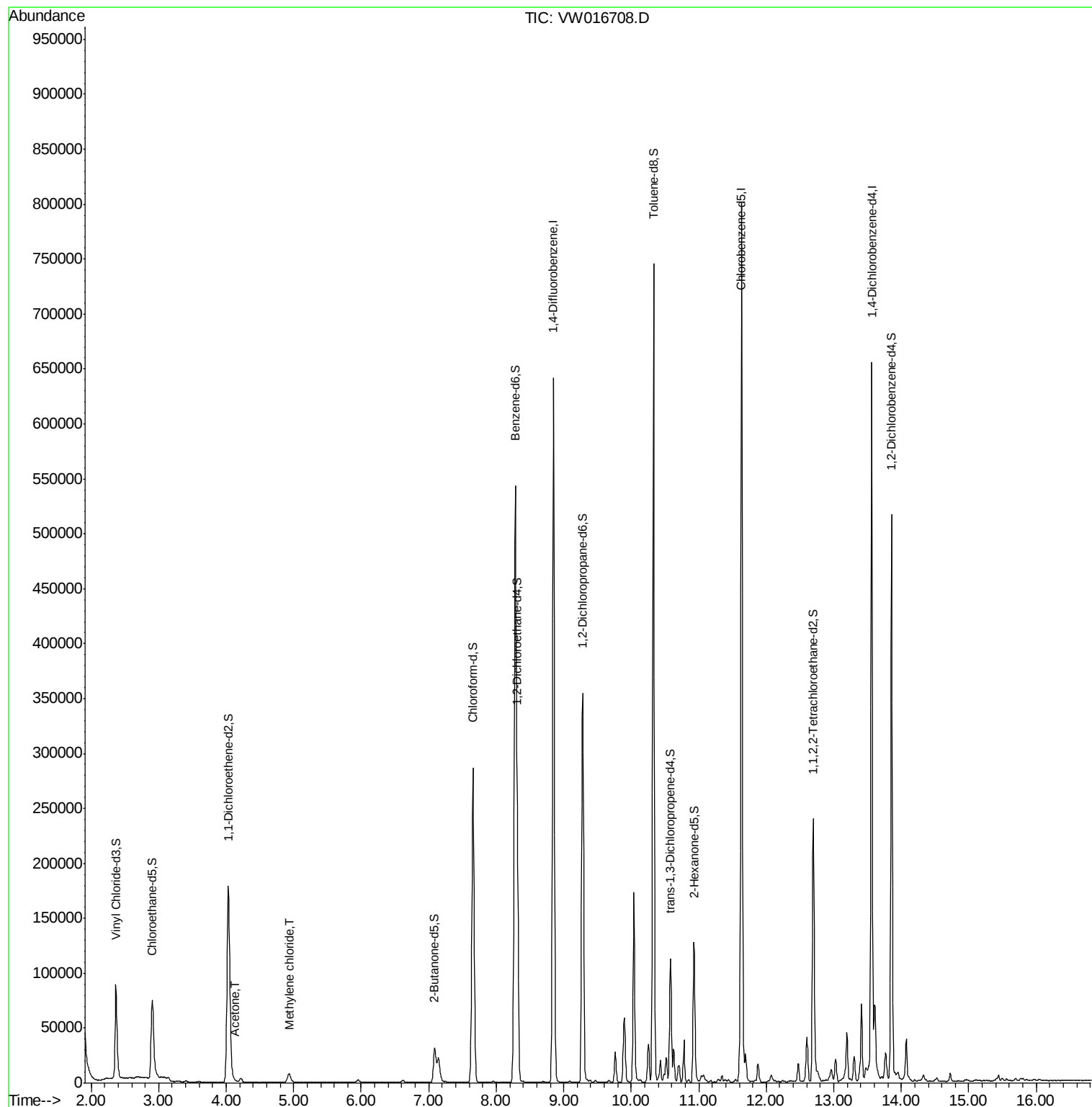
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW093020\  
Data File : VW016708.D  
Acq On : 30 Sep 2020 12:39  
Operator : SY/VA  
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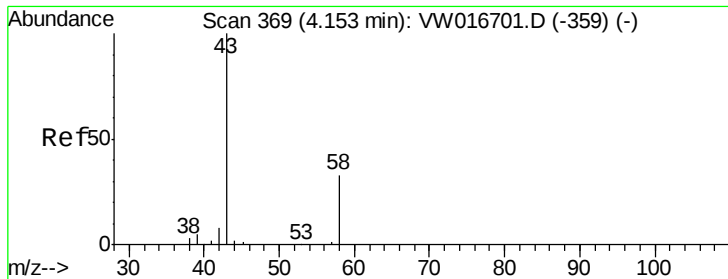
Instrument :  
MSVOA\_W  
ClientSampleId :  
C0AQ1

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Quant Time: Oct 01 05:36:33 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM091520S.M  
Quant Title : VOC Analysis  
QLast Update : Thu Oct 01 05:05:13 2020  
Response via : Initial Calibration





#13

Acetone

Concen: 1.430 ug/L

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW016708.D

Acq: 30 Sep 2020 12:39

Instrument :

MSVOA\_W

ClientSampled :

C0AQ1

Tot Ion: 43 Resp: 1709

Ion Ratio Lower Upper

43 100

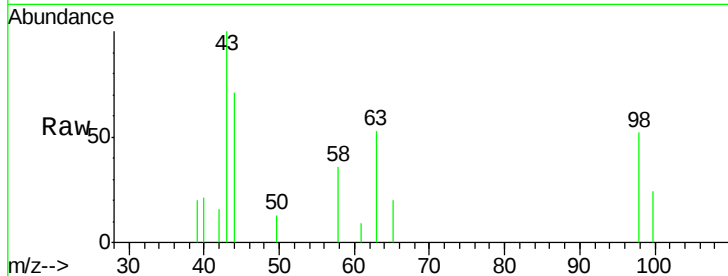
58 20.9 0.0 60.2

Manual Integrations

APPROVED

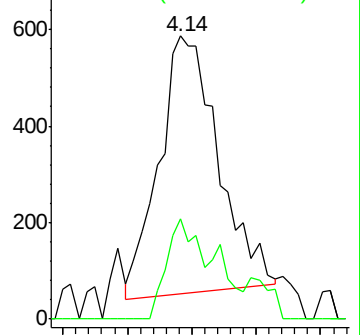
MMDadoda

10/5/2020 4:10:11 PM

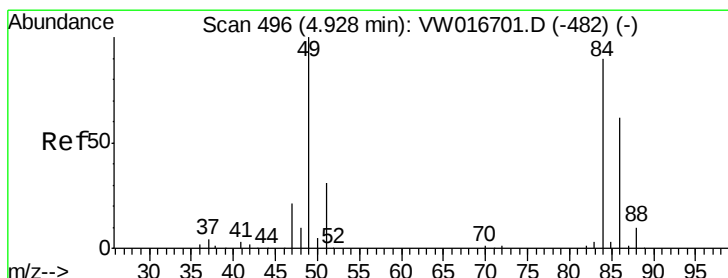
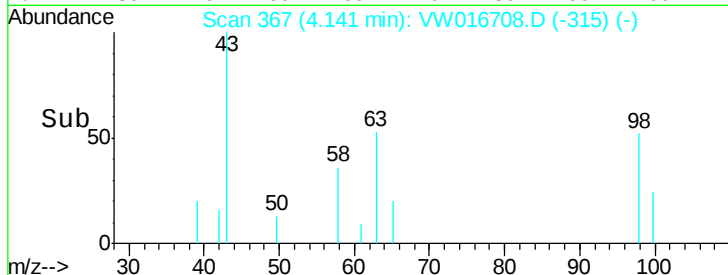


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



Time-->



#16

Methylene chloride

Concen: 0.776 ug/L m

RT: 4.93 min Scan# 497

Delta R.T. 0.01 min

Lab File: VW016708.D

Acq: 30 Sep 2020 12:39

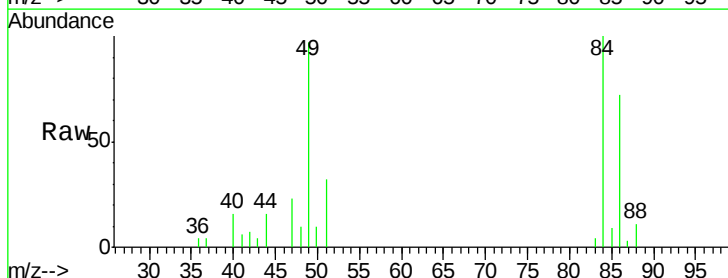
Tgt Ion: 84 Resp: 6920

Ion Ratio Lower Upper

84 100

49 96.6 76.0 141.2

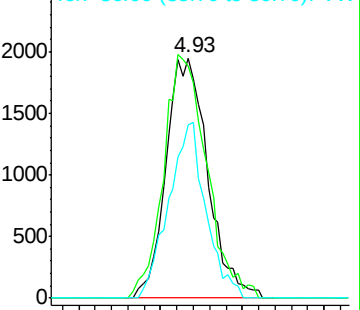
86 71.8 45.6 84.6



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-->

