

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112020\  
 Data File : VW017406.D  
 Acq On : 20 Nov 2020 10:54  
 Operator : SY/VA  
 Sample : VW1120SBL01  
 Misc : 5.00G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VBLK08

Manual Integrations  
 APPROVED

MMDadoda  
 11/23/2020 12:51:44 PM

Quant Time: Nov 21 00:39:49 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM111820S.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Nov 21 00:30:34 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.85  | 114  | 333181   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 302096   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 146635   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 2.36   | 65    | 111620   | 22.63    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 90.52% |
| 7) Chloroethane-d5             | 2.89   | 69    | 95306    | 24.32    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 97.28% |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 148841   | 17.25    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 69.00% |
| 20) 2-Butanone-d5              | 7.10   | 46    | 35645    | 44.00    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 88.00% |
| 24) Chloroform-d               | 7.65   | 84    | 207471   | 23.70    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 94.80% |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 103086   | 24.37    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 97.48% |
| 29) Benzene-d6                 | 8.27   | 84    | 411049   | 24.14    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 96.56% |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 111930   | 24.67    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 98.68% |
| 37) Toluene-d8                 | 10.33  | 98    | 390458   | 24.35    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 97.40% |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 45195    | 22.88    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 91.52% |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 26831    | 44.10    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 88.20% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 83071    | 24.16    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 96.64% |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 134536   | 24.85    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 99.40% |

| Target Compounds       |      |    |       | Ovalue          |
|------------------------|------|----|-------|-----------------|
| 14) Carbon disulfide   | 4.39 | 76 | 4236  | 0.329 ug/L # 79 |
| 16) Methylene chloride | 4.93 | 84 | 6894m | 1.210 ug/L      |

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

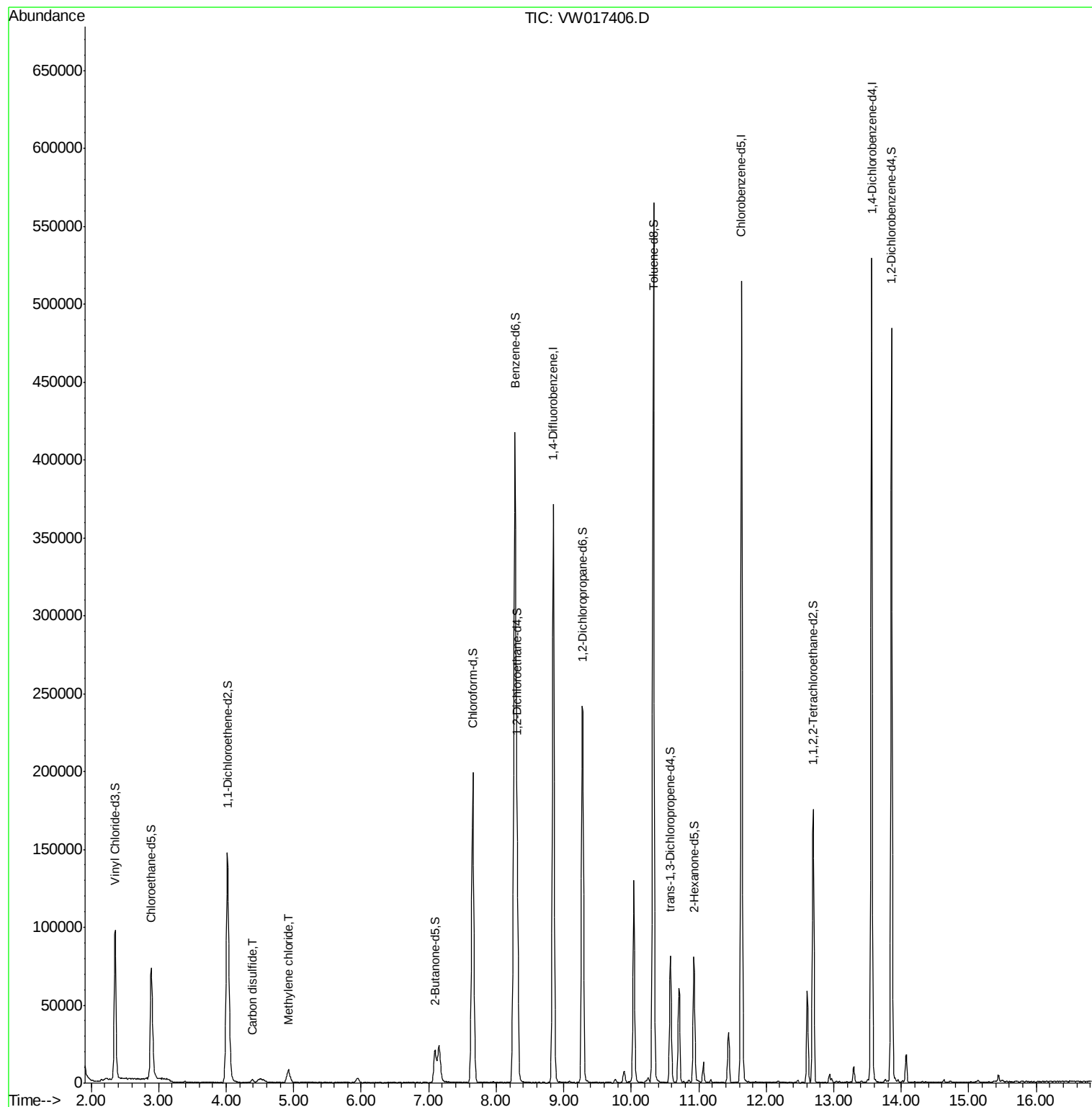
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW112020\  
Data File : VW017406.D  
Acq On : 20 Nov 2020 10:54  
Operator : SY/VA  
Sample : VW1120SBL01  
Misc : 5.00G/10ML/MSVOA W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

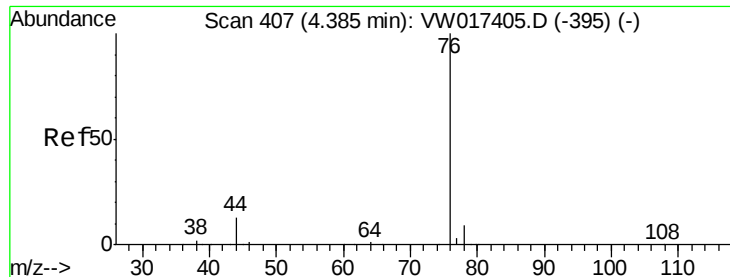
Instrument :  
MSVOA\_W  
ClientSampleId :  
VBLK08

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Quant Time: Nov 21 00:39:49 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM111820S.M  
Quant Title : VOC Analysis  
QLast Update : Sat Nov 21 00:30:34 2020  
Response via : Initial Calibration





#14

Carbon disulfide

Concen: 0.329 ug/L

RT: 4.39 min Scan# 407

Delta R.T. 0.00 min

Lab File: VW017406.D

Acq: 20 Nov 2020 10:54

Instrument :

MSVOA\_W

ClientSampled :

VBLK08

Tot Ion: 76 Resp: 4236

Ion Ratio Lower Upper

76 100

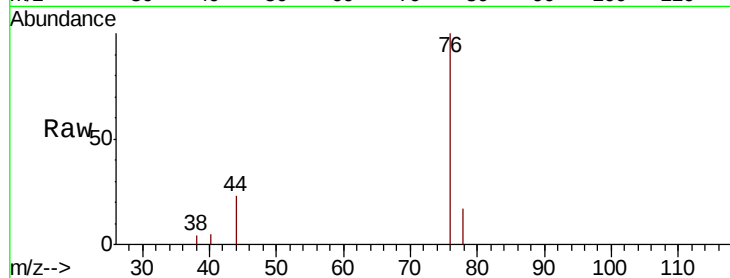
78 17.3 7.8 11.6#

Manual Integrations

APPROVED

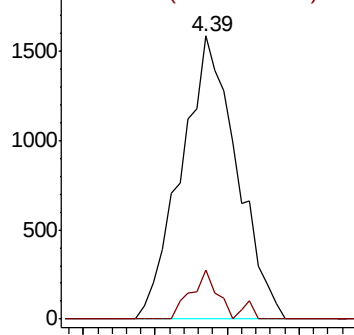
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11/23/2020 12:51:44 PM

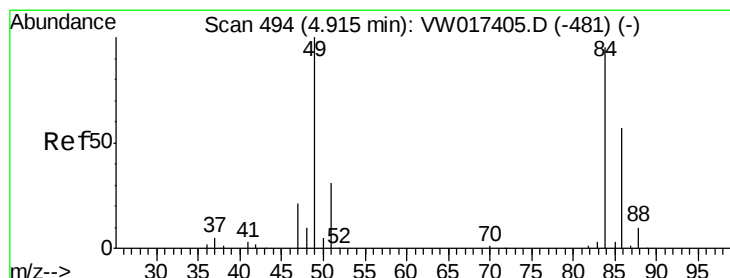
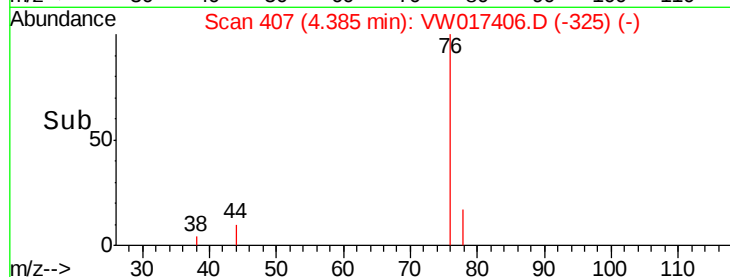


Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW



Time-->



#16

Methylene chloride

Concen: 1.210 ug/L m

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW017406.D

Acq: 20 Nov 2020 10:54

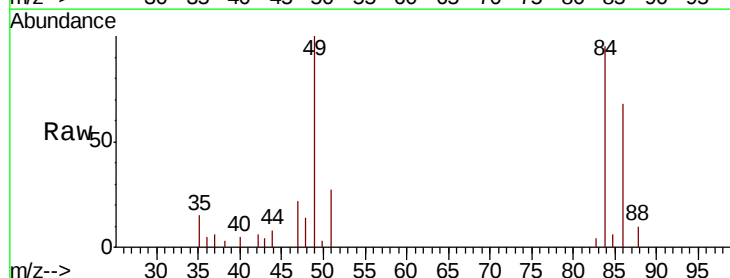
Tgt Ion: 84 Resp: 6894

Ion Ratio Lower Upper

84 100

49 105.5 71.5 132.9

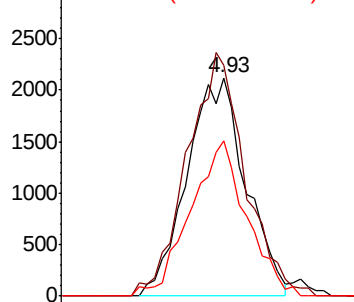
86 71.3 42.8 79.4



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-->

