

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111920\  
 Data File : VW017370.D  
 Acq On : 19 Nov 2020 14:36  
 Operator : SY/VA  
 Sample : L4793-04  
 Misc : 5.45G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 C0BA5

Manual Integrations  
 APPROVED

MMDadoda  
 11/23/2020 1:43:48 PM

Quant Time: Nov 20 03:42:08 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM111820S.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Nov 20 01:18:11 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.85  | 114  | 367049   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 334240   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 161688   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 132526   | 24.39    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 97.56% |
| 7) Chloroethane-d5             | 2.89   | 69    | 105157   | 24.36    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 97.44% |
| 10) 1,1-Dichloroethene-d2      | 4.02   | 63    | 167593   | 17.63    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 70.52% |
| 20) 2-Butanone-d5              | 7.08   | 46    | 40029    | 44.86    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 89.72% |
| 24) Chloroform-d               | 7.65   | 84    | 224764   | 23.31    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 93.24% |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 111741   | 23.98    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 95.92% |
| 29) Benzene-d6                 | 8.27   | 84    | 450156   | 23.89    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 95.56% |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 121898   | 24.28    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 97.12% |
| 37) Toluene-d8                 | 10.32  | 98    | 425178   | 23.97    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 95.88% |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 50036    | 22.89    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 91.56% |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 31127    | 46.25    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 92.50% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 91177    | 23.97    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 95.88% |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 148705   | 24.91    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 99.64% |

| Target Compounds       |      |    |       |            | Ovalue |
|------------------------|------|----|-------|------------|--------|
| 13) Acetone            | 4.13 | 43 | 1544m | 2.371 ug/L |        |
| 16) Methylene chloride | 4.92 | 84 | 15615 | 2.487 ug/L | 94     |

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

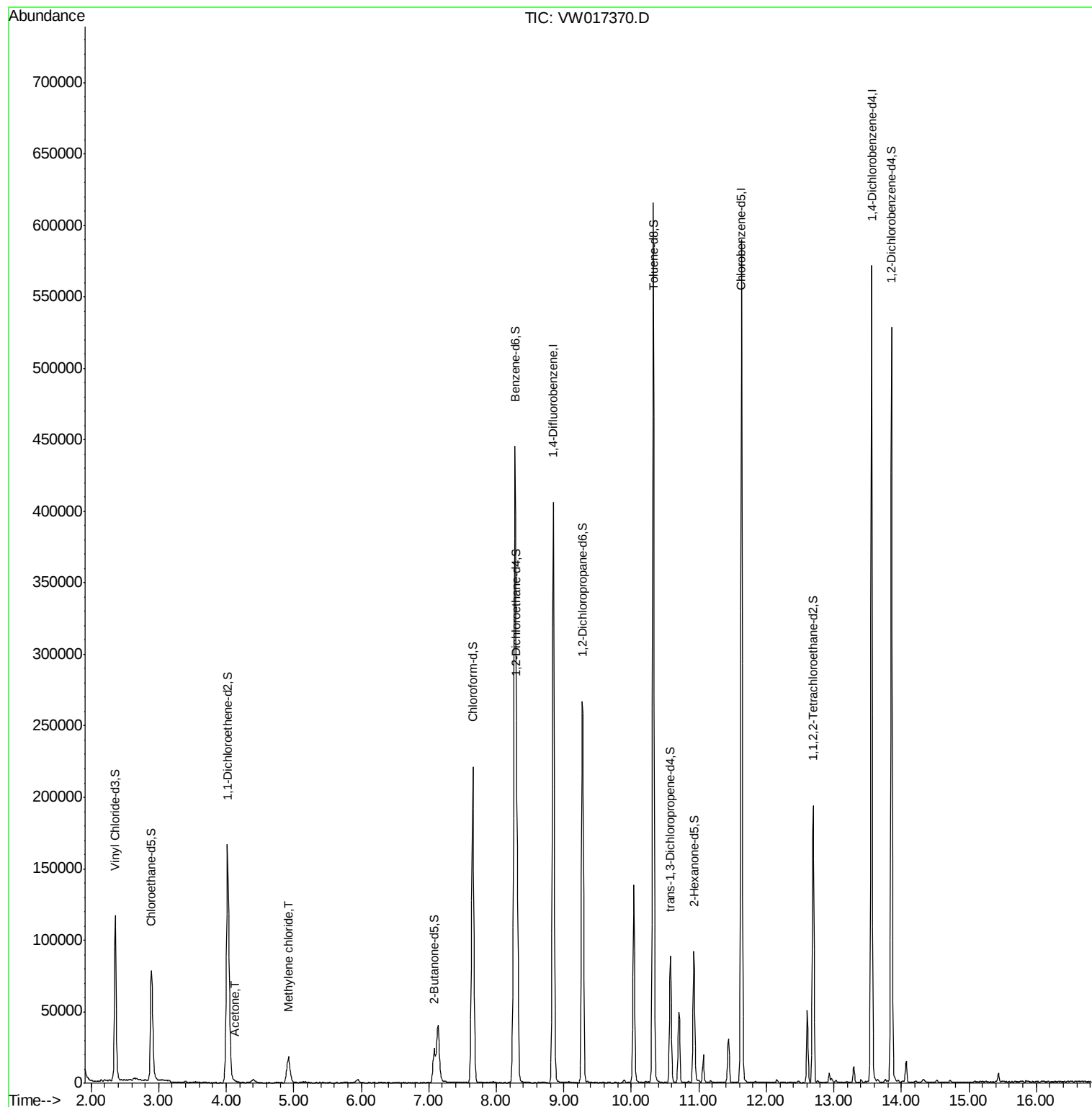
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111920\  
Data File : VW017370.D  
Acq On : 19 Nov 2020 14:36  
Operator : SY/VA  
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ALS Vial : 1 Sample Multiplier: 1

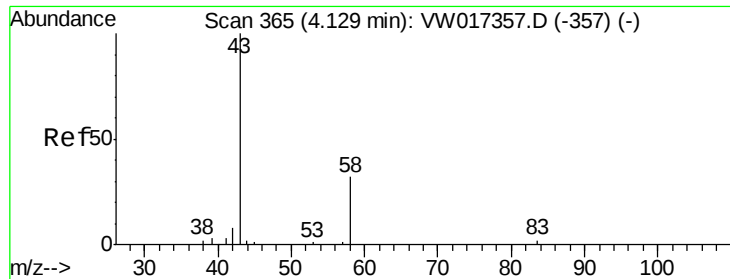
Instrument :  
MSVOA\_W  
ClientSampleId :  
C0BA5

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM111820S.M  
Quant Title : VOC Analysis  
QLast Update : Fri Nov 20 01:18:11 2020  
Response via : Initial Calibration





#13

Acetone

Concen: 2.371 ug/L m

RT: 4.13 min Scan# 365

Delta R.T. 0.00 min

Lab File: VW017370.D

Acq: 19 Nov 2020 14:36

Tot Ion: 43 Resp: 1544

Ion Ratio Lower Upper

43 100

58 8.5 0.0 67.0

Instrument :

MSVOA\_W

ClientSampled :

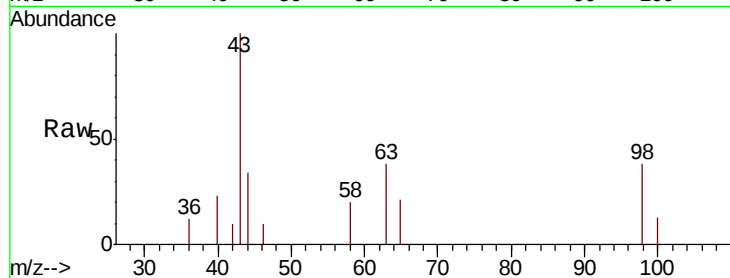
C0BA5

Manual Integrations

APPROVED

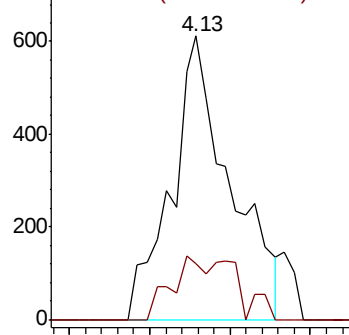
MMDadoda

11/23/2020 1:43:48 PM

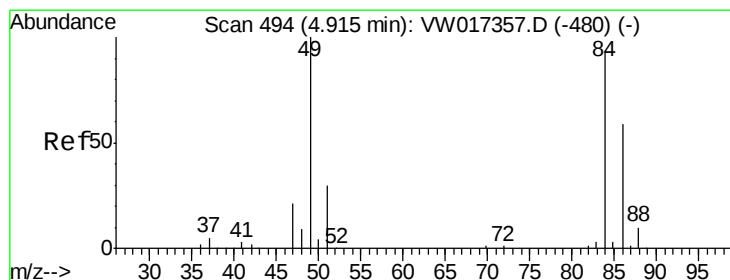
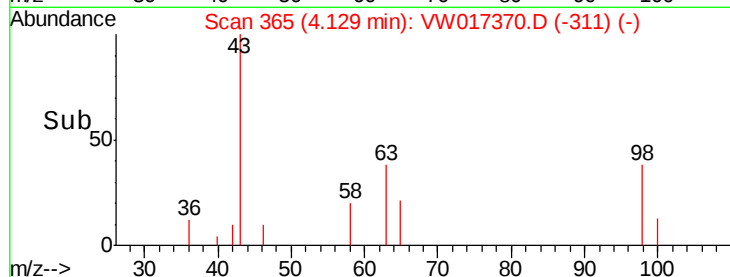


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



Time-->



#16

Methylene chloride

Concen: 2.487 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW017370.D

Acq: 19 Nov 2020 14:36

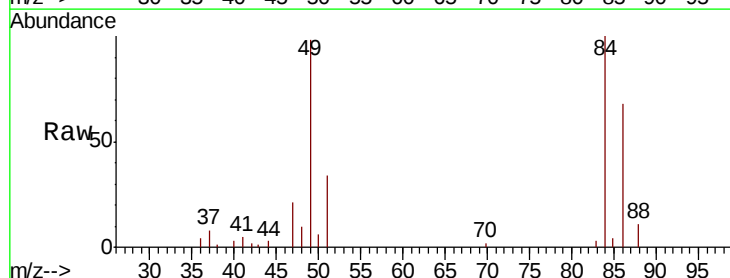
Tgt Ion: 84 Resp: 15615

Ion Ratio Lower Upper

84 100

49 98.2 71.5 132.9

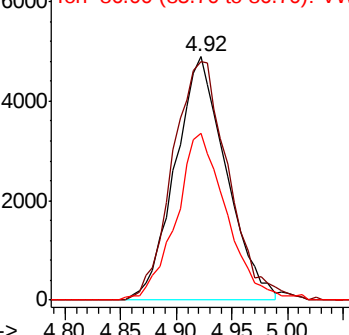
86 68.3 42.8 79.4



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-->

