

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111820\  
 Data File : VW017334.D  
 Acq On : 18 Nov 2020 17:55  
 Operator : SY/VA  
 Sample : L4711-20  
 Misc : 4.66G/10ML/MSVOA W/SOIL  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 C0B05

Manual Integrations  
 APPROVED

MMDadoda  
 11/20/2020 12:26:19 PM

Quant Time: Nov 19 05:31:17 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM111820S.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Nov 19 05:03:18 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.85  | 114  | 388682   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 300728   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 94876    | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.36   | 65    | 147226   | 25.58    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 102.32% |
| 7) Chloroethane-d5             | 2.90   | 69    | 117233   | 25.65    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 102.60% |
| 10) 1,1-Dichloroethene-d2      | 4.03   | 63    | 188994   | 18.78    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 75.12%  |
| 20) 2-Butanone-d5              | 7.09   | 46    | 34506    | 36.51    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 73.02%  |
| 24) Chloroform-d               | 7.65   | 84    | 239712   | 23.48    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 93.92%  |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 112099   | 22.72    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 90.88%  |
| 29) Benzene-d6                 | 8.27   | 84    | 478740   | 28.24    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 112.96% |
| 33) 1,2-Dichloropropane-d6     | 9.28   | 67    | 125566   | 27.80    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 111.20% |
| 37) Toluene-d8                 | 10.33  | 98    | 423283   | 26.52    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 106.08% |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 41630    | 21.17    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 84.68%  |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 25831    | 42.65    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 85.30%  |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 72431    | 21.16    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 84.64%  |
| 61) 1,2-Dichlorobenzene-d4     | 13.86  | 152   | 83649    | 23.88    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 95.52%  |

| Target Compounds       |      |    |       |            | Ovalue |
|------------------------|------|----|-------|------------|--------|
| 13) Acetone            | 4.14 | 43 | 1961m | 2.844 ug/L |        |
| 16) Methylene chloride | 4.92 | 84 | 12538 | 1.886 ug/L | 97     |

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

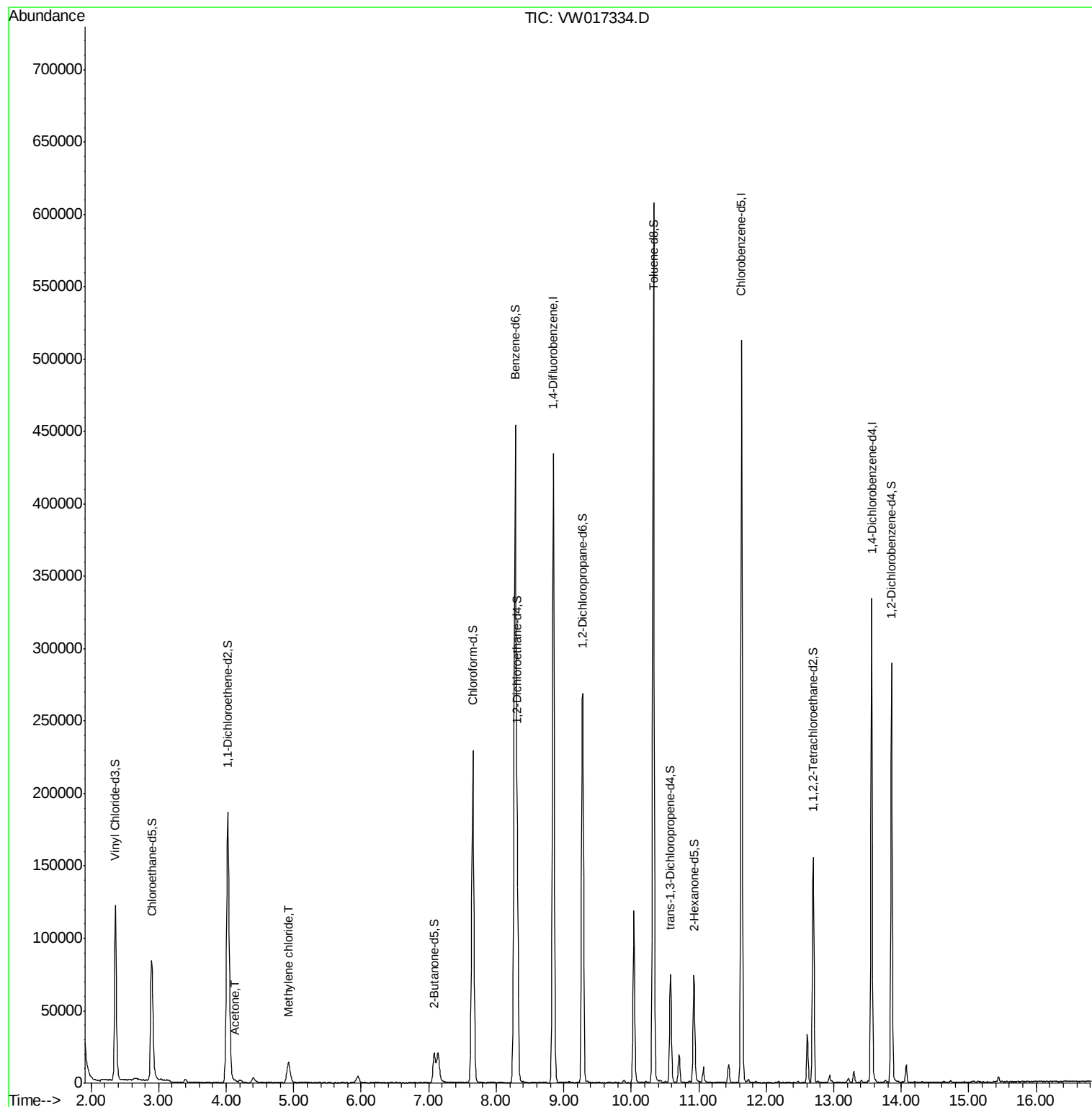
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111820\  
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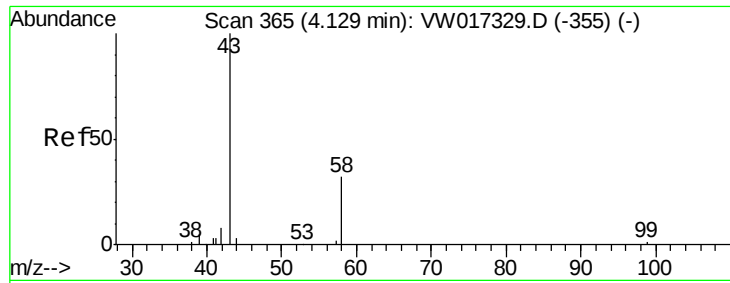
Instrument :  
MSVOA\_W  
ClientSampleId :  
C0B05

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Quant Time: Nov 19 05:31:17 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM111820S.M  
Quant Title : VOC Analysis  
QLast Update : Thu Nov 19 05:03:18 2020  
Response via : Initial Calibration





#13

Acetone

Concen: 2.844 ug/L m

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW017334.D

Acq: 18 Nov 2020 17:55

Instrument :

MSVOA\_W

ClientSampleId :

C0B05

Tot Ion: 43 Resp: 1961

Ion Ratio Lower Upper

43 100

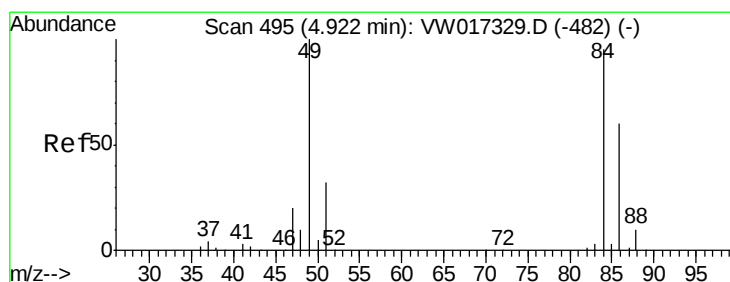
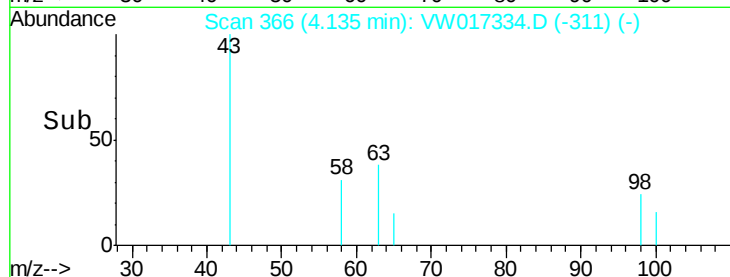
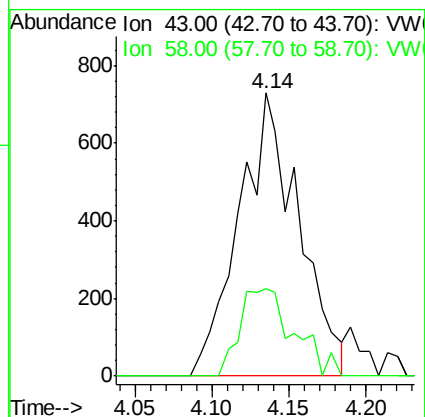
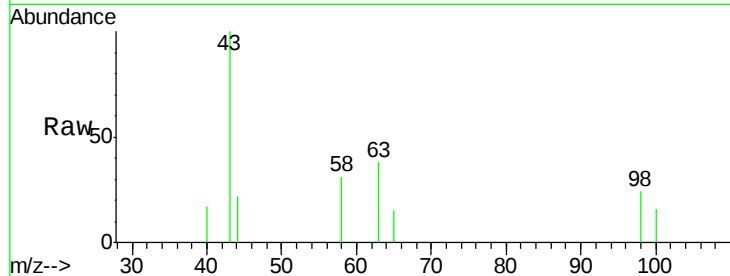
58 11.1 0.0 67.0

Manual Integrations

APPROVED

MMDadoda

11/20/2020 12:26:19 PM



#16

Methylene chloride

Concen: 1.886 ug/L

RT: 4.92 min Scan# 495

Delta R.T. -0.00 min

Lab File: VW017334.D

Acq: 18 Nov 2020 17:55

Tgt Ion: 84 Resp: 12538

Ion Ratio Lower Upper

84 100

49 97.3 71.5 132.9

86 60.9 42.8 79.4

