

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070720\  
 Data File : VV017366.D  
 Acq On : 07 Jul 2020 10:07  
 Operator : SY/MD  
 Sample : VV0707WBL01  
 Misc : 25.0mL/MSVOA V/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VBLK32

Manual Integrations  
 APPROVED

MMDadoda  
 7/8/2020 12:31:43 PM

Quant Time: Jul 08 01:40:45 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR061720WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Wed Jul 08 01:30:57 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 173097   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 164960   | 5.00 | ug/L  | 0.00     |
| 61) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 80862    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.31   | 65    | 42385    | 4.08     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 81.60% |
| 7) Chloroethane-d5             | 1.58   | 69    | 33971    | 4.50     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 90.00% |
| 11) 1,1-Dichloroethene-d2      | 2.12   | 63    | 68957    | 3.49     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 69.80% |
| 20) 2-Butanone-d5              | 3.96   | 46    | 98105m   | 37.05    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 74.10% |
| 24) Chloroform-d               | 4.37   | 84    | 99070    | 4.46     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 89.20% |
| 26) 1,2-Dichloroethane-d4      | 5.05   | 65    | 55594    | 4.72     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 94.40% |
| 32) Benzene-d6                 | 5.07   | 84    | 181634   | 4.25     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 85.00% |
| 36) 1,2-Dichloropropane-d6     | 6.09   | 67    | 51984    | 4.06     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 81.20% |
| 41) Toluene-d8                 | 7.33   | 98    | 166638   | 4.15     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 83.00% |
| 45) trans-1,3-Dichloropropene- | 7.64   | 79    | 21600    | 4.05     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 81.00% |
| 48) 2-Hexanone-d5              | 8.11   | 63    | 70229    | 34.54    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 69.08% |
| 59) 1,1,2,2-Tetrachloroethane- | 10.24  | 84    | 36756    | 4.32     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 86.40% |
| 65) 1,2-Dichlorobenzene-d4     | 11.65  | 152   | 67601    | 4.52     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 90.40% |

| Target Compounds       |      |    |      |            | Ovalue |
|------------------------|------|----|------|------------|--------|
| 16) Methylene chloride | 2.52 | 84 | 2511 | 0.282 ug/L | 99     |

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

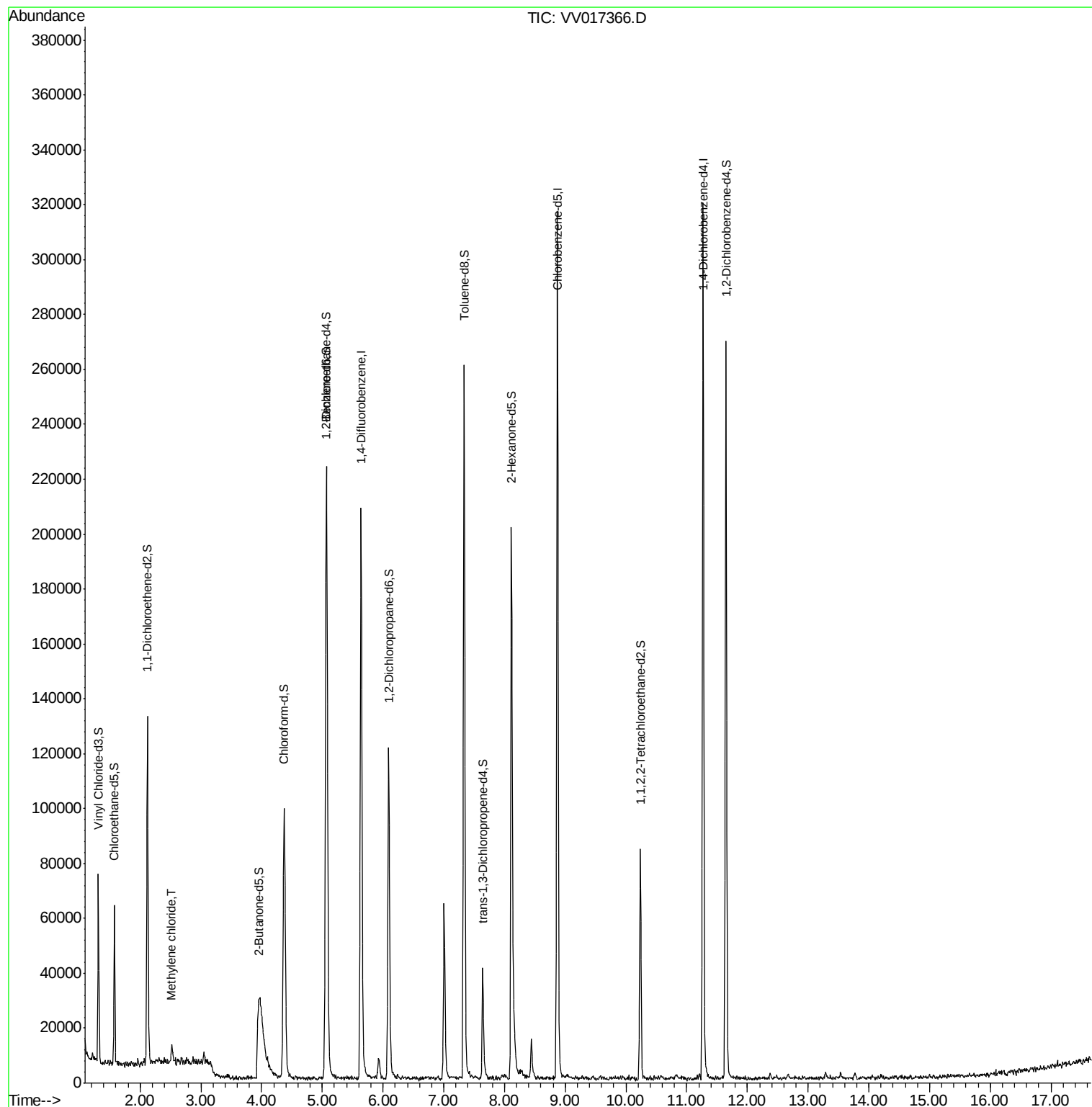
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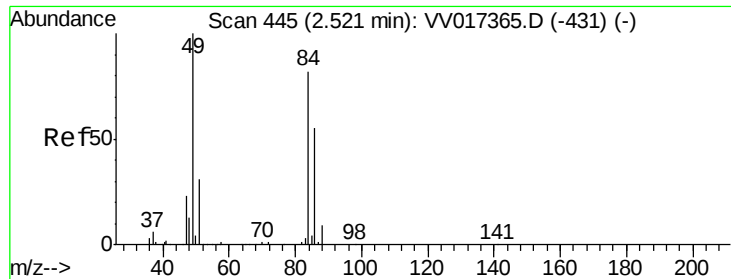
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Quant Title : TRACE VOA SOM01.0  
QLast Update : Wed Jul 08 01:30:57 2020  
Response via : Initial Calibration





#16  
 Methvlene chloride  
 Concen: 0.282 ug/L  
 RT: 2.52 min Scan# 445  
 Delta R.T. 0.00 min  
 Lab File: VV017366.D  
 Acq: 07 Jul 2020 10:07

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VBLK32

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 84    | Resp: | 2511  |
| Ion Ratio | Lower | Upper |       |
| 84        | 100   |       |       |
| 86        | 63.6  | 45.8  | 85.0  |
| 49        | 127.4 | 89.6  | 166.4 |

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