

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122420\  
 Data File : VW017749.D  
 Acq On : 24 Dec 2020 20:43  
 Operator : SY/VA  
 Sample : VIBLK25  
 Misc : 5.00G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VIBLK25

Quant Time: Dec 25 08:25:22 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM122420S.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Dec 25 07:46:43 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 301605   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 279387   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 134798   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 2.36   | 65    | 108013   | 23.15    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 92.60%   |
| 7) Chloroethane-d5             | 2.89   | 69    | 93652    | 24.32    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 97.28%   |
| 10) 1,1-Dichloroethene-d2      | 4.02   | 63    | 140841   | 17.32    | ug/L | -0.01    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 69.28%   |
| 20) 2-Butanone-d5              | 7.07   | 46    | 54372    | 71.89    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 143.78%# |
| 24) Chloroform-d               | 7.65   | 84    | 198850   | 25.23    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 100.92%  |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 121658   | 29.82    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 119.28%  |
| 29) Benzene-d6                 | 8.27   | 84    | 396418   | 25.19    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 100.76%  |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 114502   | 26.39    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 105.56%  |
| 37) Toluene-d8                 | 10.32  | 98    | 363187   | 24.03    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 96.12%   |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 48332    | 24.99    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 99.96%   |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 37165    | 68.22    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 136.44%# |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 99600    | 30.93    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 123.72%# |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 123790   | 26.37    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 105.48%  |

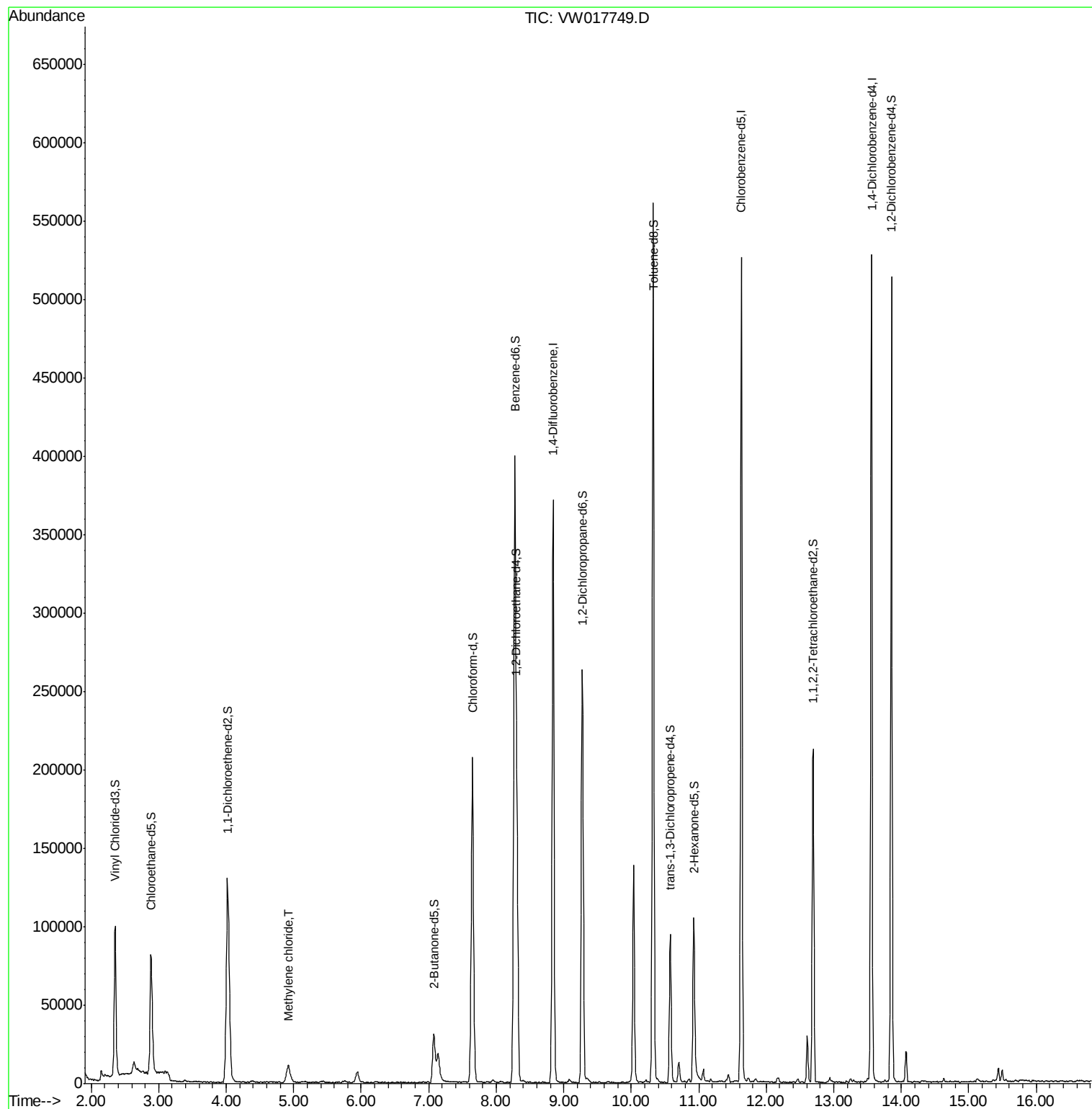
| Target Compounds       |      |    |      |            | Ovalue |
|------------------------|------|----|------|------------|--------|
| 16) Methylene chloride | 4.92 | 84 | 9494 | 2.201 ug/L | 85     |

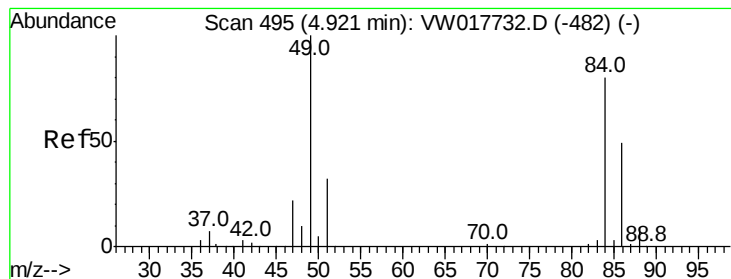
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00G/10ML/MSVOA W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

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ClientSampleId :  
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Quant Title : VOC Analysis  
QLast Update : Fri Dec 25 07:46:43 2020  
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#16

Methylene chloride

Concen: 2.201 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW017749.D

Acq: 24 Dec 2020 20:43

Instrument :

MSVOA\_W

ClientSampleId :

VIBLK25

Tot Ion: 84 Resp: 9494

Ion Ratio Lower Upper

84 100

49 110.1 90.5 168.1

86 54.4 44.8 83.2

