

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042720\  
 Data File : VV015724.D  
 Acq On : 27 Apr 2020 13:15  
 Operator : SY/MD  
 Sample : L2413-15  
 Misc : 25.0mL/MSVOA V/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 ETKM4

Quant Time: Apr 28 03:37:31 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR042220WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Tue Apr 28 02:16:08 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 127904   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 128212   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 59387    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.31   | 65    | 25940    | 3.88     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 77.60%  |
| 7) Chloroethane-d5             | 1.58   | 69    | 28008    | 4.35     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 87.00%  |
| 11) 1,1-Dichloroethene-d2      | 2.12   | 63    | 43701    | 2.99     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 59.80%# |
| 20) 2-Butanone-d5              | 3.91   | 46    | 107437   | 50.06    | ug/L | -0.03   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 100.12% |
| 24) Chloroform-d               | 4.38   | 84    | 69227    | 4.44     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 88.80%  |
| 26) 1,2-Dichloroethane-d4      | 5.06   | 65    | 43180    | 4.95     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 99.00%  |
| 32) Benzene-d6                 | 5.08   | 84    | 134503   | 4.39     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 87.80%  |
| 36) 1,2-Dichloropropane-d6     | 6.10   | 67    | 45091    | 4.61     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 92.20%  |
| 41) Toluene-d8                 | 7.34   | 98    | 121081   | 4.17     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 83.40%  |
| 43) trans-1,3-Dichloropropene- | 7.65   | 79    | 14534    | 3.84     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 76.80%  |
| 46) 2-Hexanone-d5              | 8.11   | 63    | 78394    | 42.51    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 85.02%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24  | 84    | 32925    | 4.52     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 90.40%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.65  | 152   | 49087    | 4.86     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 97.20%  |

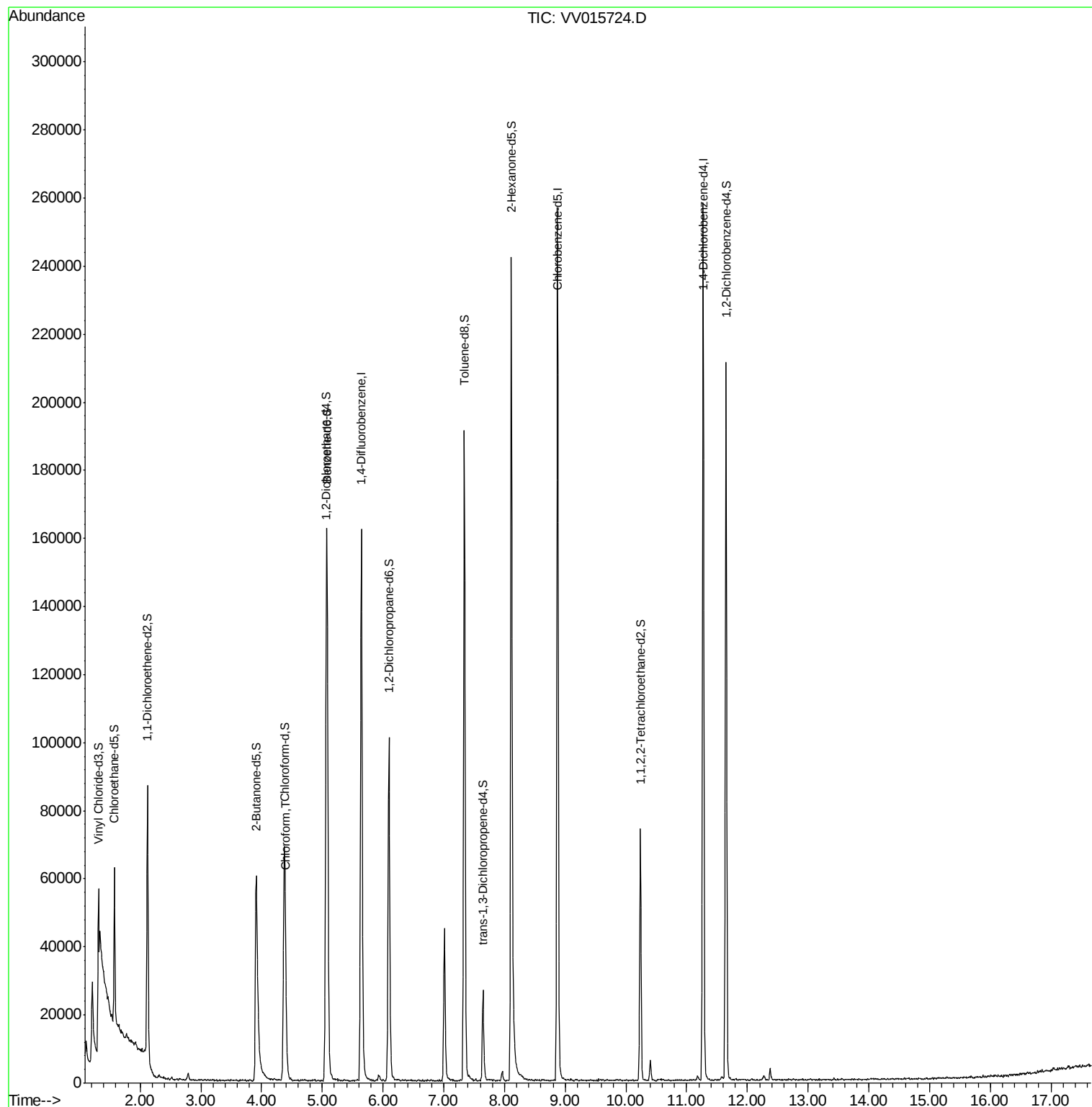
| Target Compounds |      |    |      |            | Ovalue |
|------------------|------|----|------|------------|--------|
| 25) Chloroform   | 4.40 | 83 | 5819 | 0.335 ug/L | 90     |

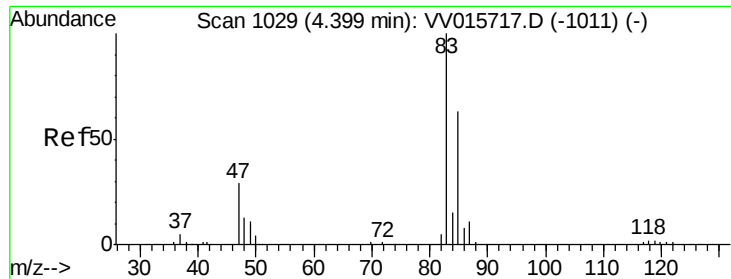
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#25  
 Chloroform  
 Concen: 0.335 ug/L  
 RT: 4.40 min Scan# 1030  
 Delta R.T. 0.00 min  
 Lab File: VV015724.D  
 Acq: 27 Apr 2020 13:15

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 MSVOA\_V  
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Tot Ion: 83 Resp: 5819  
 Ion Ratio Lower Upper  
 83 100  
 85 58.0 46.1 85.5

