

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042919\  
 Data File : VW010191.D  
 Acq On : 29 Apr 2019 20:23  
 Operator : SY/VA  
 Sample : K2596-19  
 Misc : 5.13G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BFH45

Manual Integrations  
 APPROVED

MMDadoda  
 5/2/2019 1:07:20 PM

Quant Time: Apr 30 07:55:33 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM042919S.M  
 Quant Title : VOC Analysis  
 QLast Update : Mon Apr 29 15:05:07 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 531541   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 469859   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 169173   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.36   | 65    | 101085   | 16.76    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 67.04%  |
| 7) Chloroethane-d5             | 2.89   | 69    | 91960    | 18.60    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 74.40%  |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 173993   | 12.98    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 51.92%  |
| 20) 2-Butanone-d5              | 7.07   | 46    | 76664    | 34.47    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 68.94%  |
| 24) Chloroform-d               | 7.64   | 84    | 295977   | 21.49    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 85.96%  |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 190596   | 24.08    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 96.32%  |
| 29) Benzene-d6                 | 8.27   | 84    | 604503   | 23.89    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 95.56%  |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 179528   | 22.71    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 90.84%  |
| 37) Toluene-d8                 | 10.32  | 98    | 439156   | 19.09    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 76.36%  |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 63924    | 17.55    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 70.20%  |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 57606    | 34.68    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 69.36%  |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 168852   | 25.01    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 100.04% |
| 61) 1,2-Dichlorobenzene-d4     | 13.86  | 152   | 118600   | 18.87    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 75.48%  |

| Target Compounds       |      |    |        | Ovalue     |
|------------------------|------|----|--------|------------|
| 16) Methylene chloride | 4.91 | 84 | 28462m | 3.218 ug/L |

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

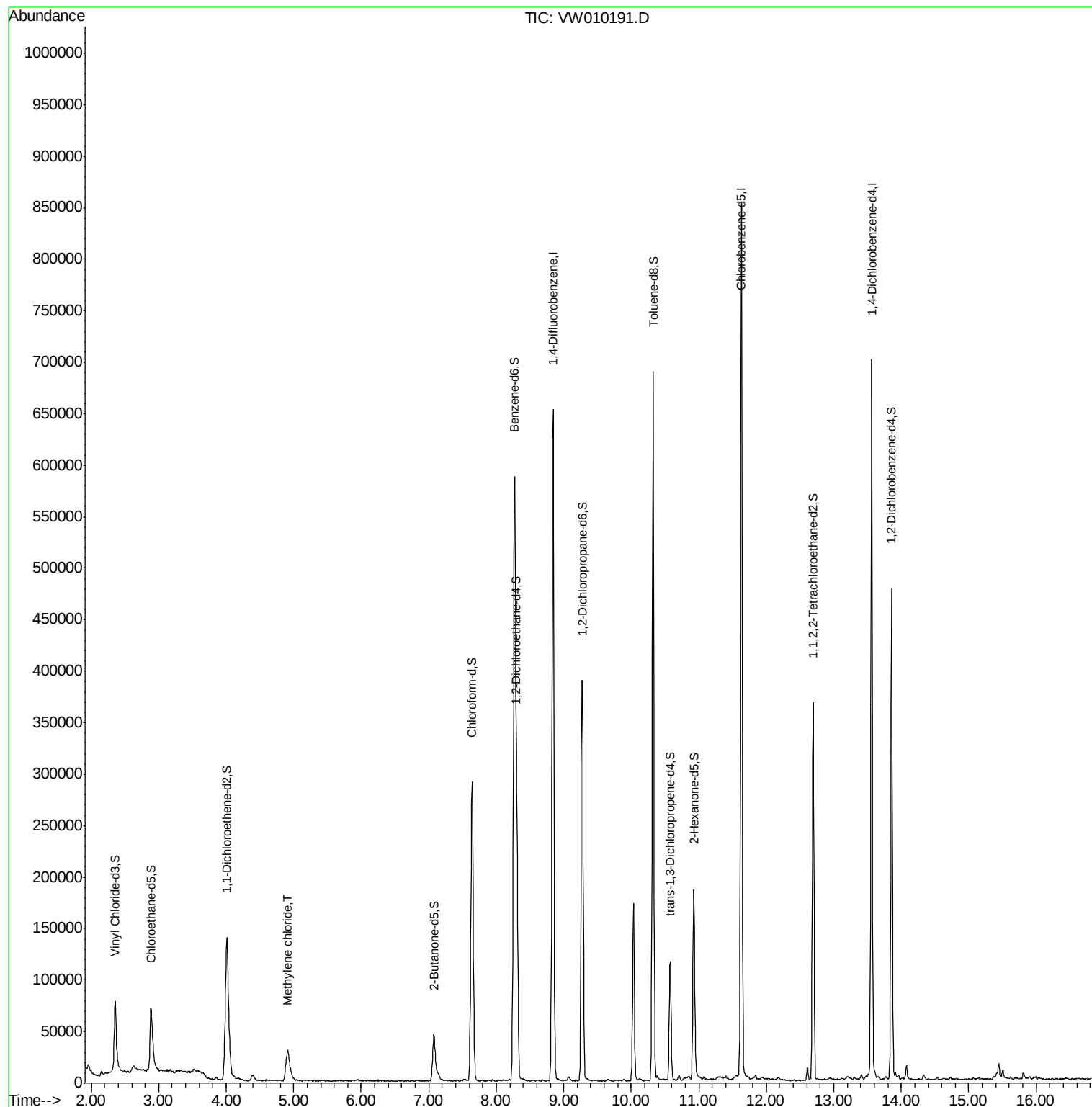
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042919\  
Data File : VW010191.D  
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ALS Vial : 1 Sample Multiplier: 1

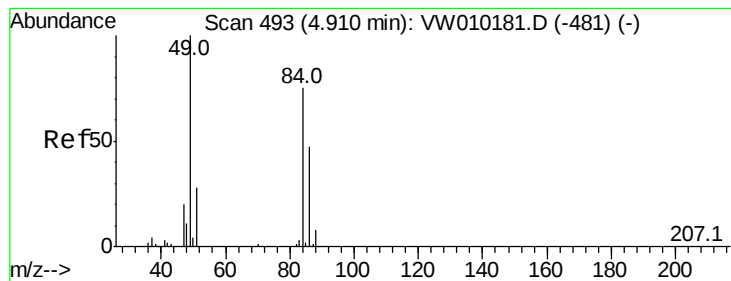
Instrument :  
MSVOA\_W  
ClientSampleId :  
BFH45

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Quant Time: Apr 30 07:55:33 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM042919S.M  
Quant Title : VOC Analysis  
QLast Update : Mon Apr 29 15:05:07 2019  
Response via : Initial Calibration





#16

Methylene chloride

Concen: 3.218 ug/L m

RT: 4.91 min Scan# 493

Delta R.T. 0.00 min

Lab File: VW010191.D

Acq: 29 Apr 2019 20:23

Instrument :

MSVOA\_W

ClientSampleId :

BFH45

Tot Ion: 84 Resp: 28462

Ion Ratio Lower Upper

84 100

49 130.7 90.2 167.6

86 65.4 46.3 86.1

Manual Integrations

APPROVED

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