

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW032019\  
Quantitation Report (Qedit)

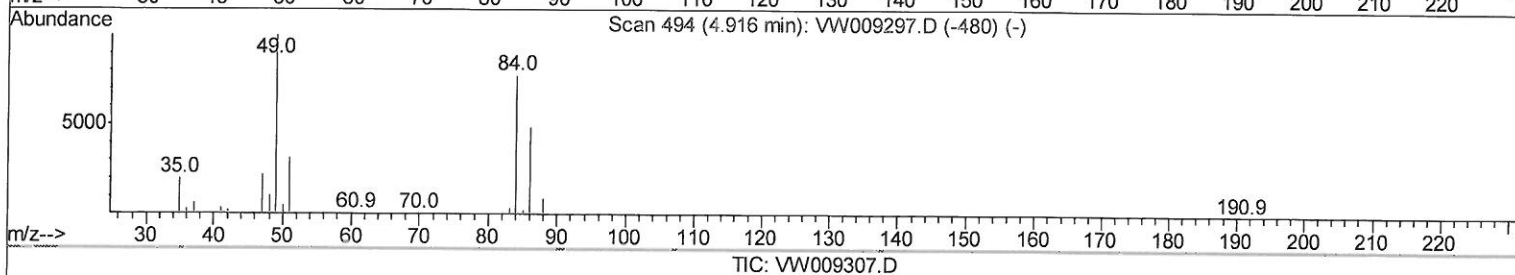
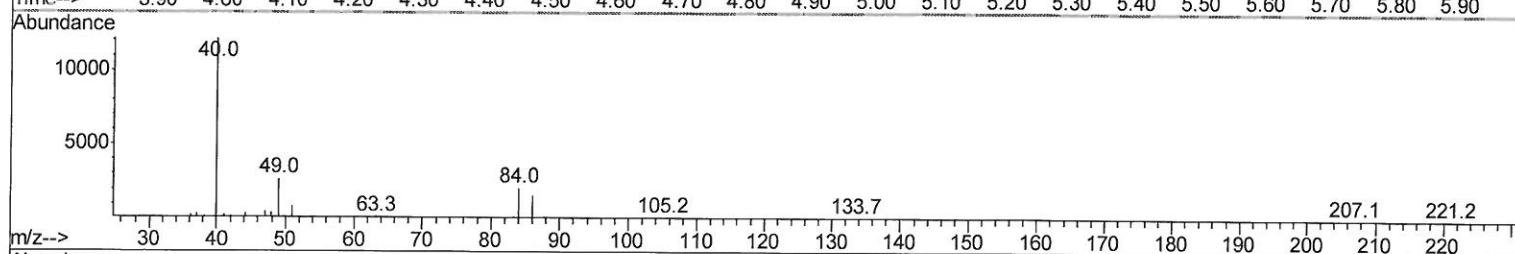
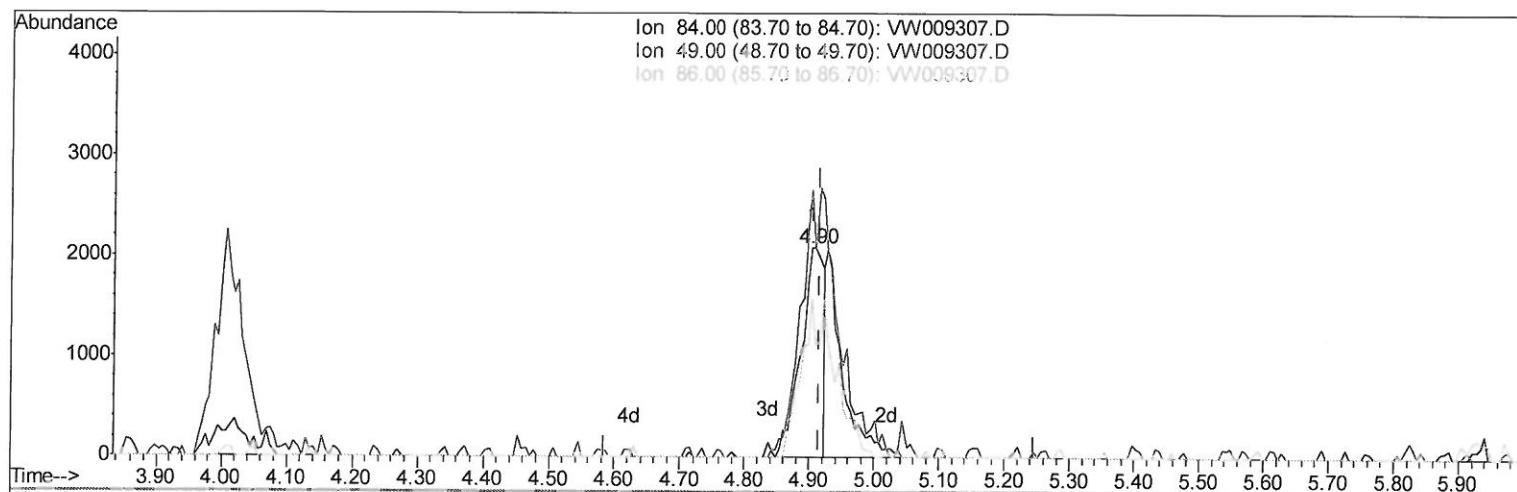
Data File : VW009307.D  
Acq On : 21 Mar 2019 01:24  
Operator : SY/VA  
Sample : K1988-08  
Misc : 4.95G/10ML/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
Client Sampled :  
BF0B9

Manual Integrations  
APPROVED

MMDadoda  
3/25/2019 11:43:31 AM

Quant Time: Mar 21 12:24:18 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM031419S.M  
Quant Title : VOC Analysis  
QLast Update : Thu Mar 21 12:20:05 2019  
Response via : Initial Calibration



(16) Methylene chloride (T)

4.903min (-0.012) 1.00ug/L

response 5063

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 84.00 | 100    | 100    |
| 49.00 | 137.10 | 127.76 |
| 86.00 | 63.50  | 76.13  |
| 0.00  | 0.00   | 0.00   |

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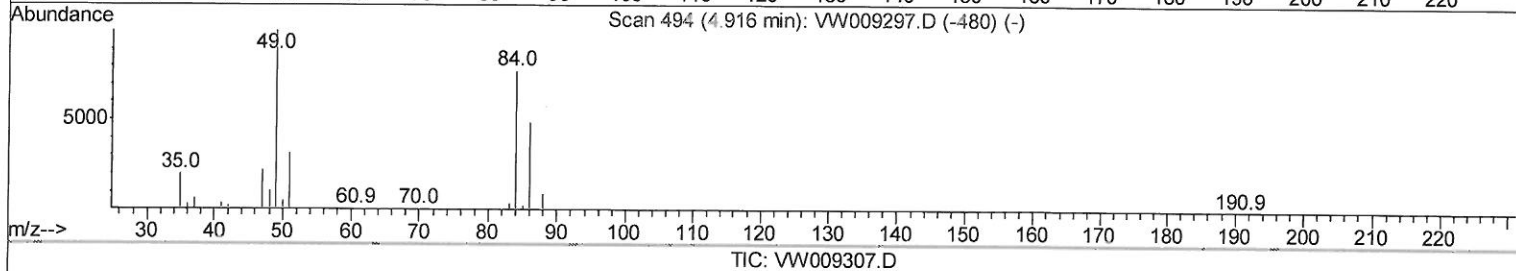
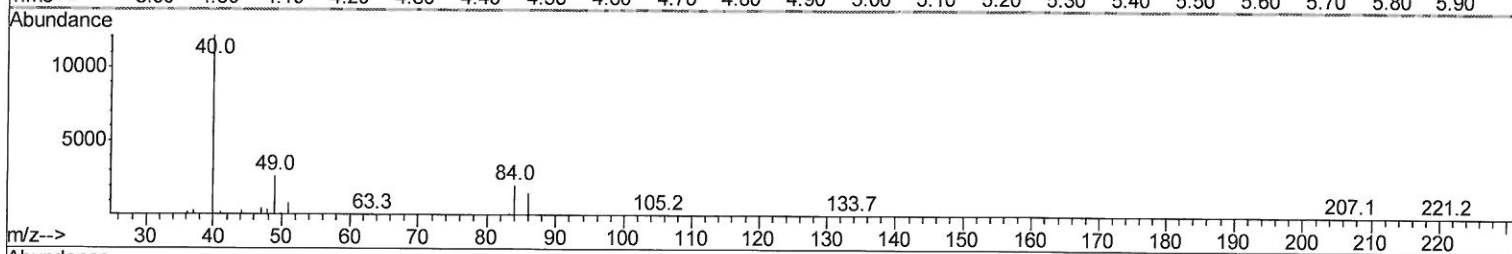
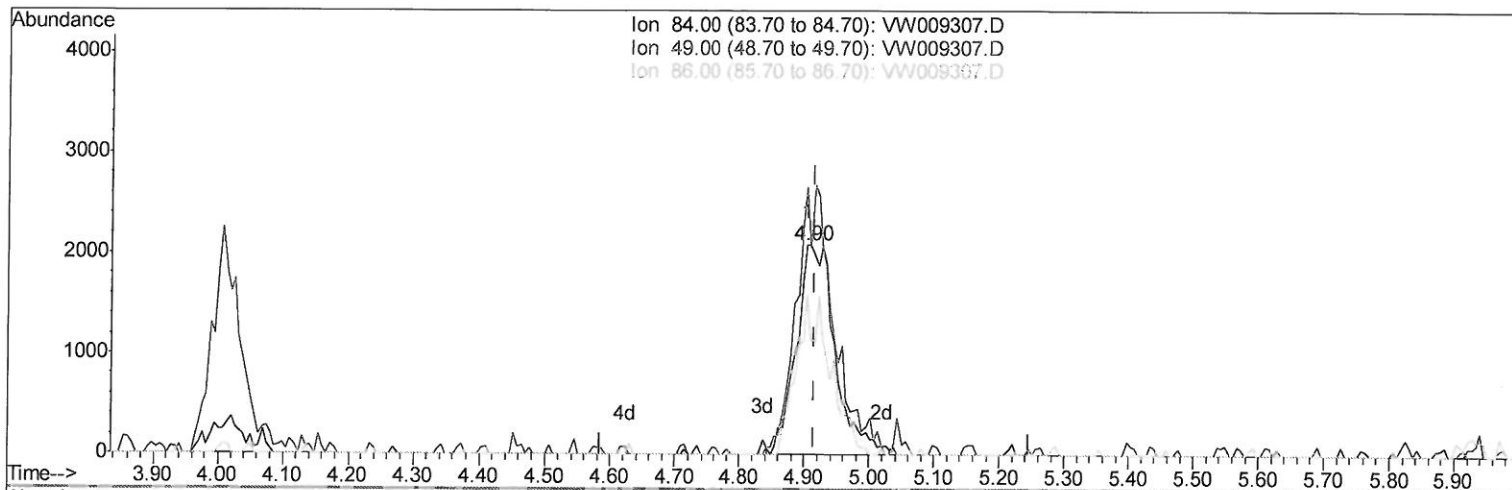
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(16) Methylene chloride (T)

4.903min (-0.012) 1.72ug/L m

703/24/19 sy

response 8696

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 84.00 | 100    | 100    |
| 49.00 | 137.10 | 127.76 |
| 86.00 | 63.50  | 76.13  |
| 0.00  | 0.00   | 0.00   |

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ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
Client Sampled :  
BF0B9

Manual Integrations  
APPROVED

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3/25/2019 11:43:31 AM

Quant Time: Mar 21 12:49:30 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM031419S.M  
Quant Title : VOC Analysis  
QLast Update : Thu Mar 21 12:20:05 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 347556   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 328056   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 140139   | 25.00 | ug/L  | 0.00     |

System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 115216   | 27.74    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 110.96% |
| 7) Chloroethane-d5             | 2.90   | 69    | 106699   | 21.96    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 87.84%  |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 171829   | 19.14    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 76.56%  |
| 20) 2-Butanone-d5              | 7.07   | 46    | 64511    | 37.56    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 75.12%  |
| 24) Chloroform-d               | 7.64   | 84    | 239608   | 25.26    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 101.04% |
| 26) 1,2-Dichloroethane-d4      | 8.30   | 65    | 134115   | 23.47    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 93.88%  |
| 29) Benzene-d6                 | 8.27   | 84    | 445166   | 24.61    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 98.44%  |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 135815   | 24.99    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 99.96%  |
| 37) Toluene-d8                 | 10.32  | 98    | 380167   | 22.73    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 90.92%  |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 48362    | 17.72    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 70.88%  |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 44692    | 33.96    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 67.92%  |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 112174   | 20.96    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 83.84%  |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 122433   | 22.78    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 91.12%  |

Target Compounds

|                        |      |    |       |        | Qvalue          |
|------------------------|------|----|-------|--------|-----------------|
| 13) Acetone            | 4.12 | 43 | 44479 | 31.578 | ug/L 98         |
| 14) Carbon disulfide   | 4.37 | 76 | 23906 | 2.075  | ug/L # 94       |
| 16) Methylene chloride | 4.90 | 84 | 8696m | 1.716  | ug/L 03/24/19SY |

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

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