

# Quantitation Report (Qedit)

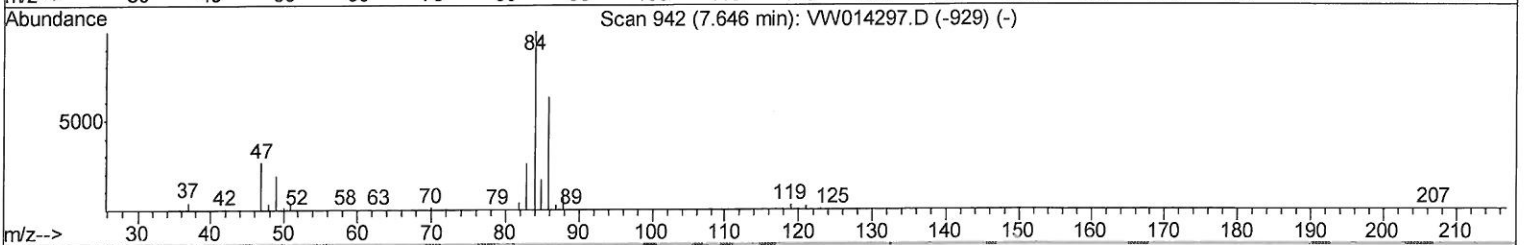
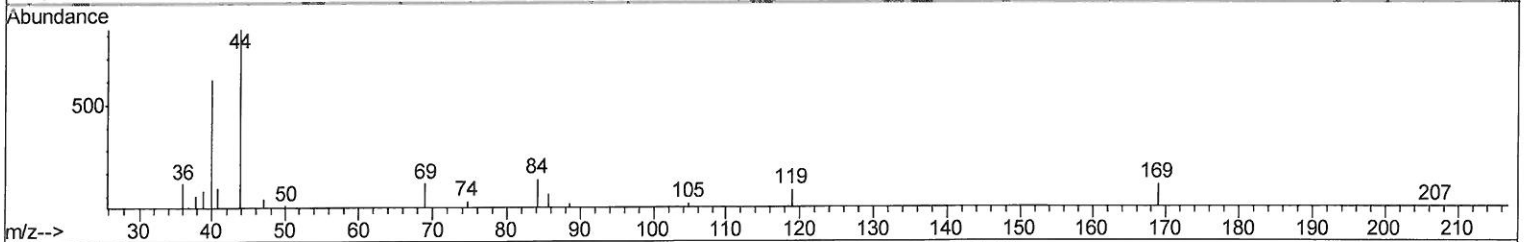
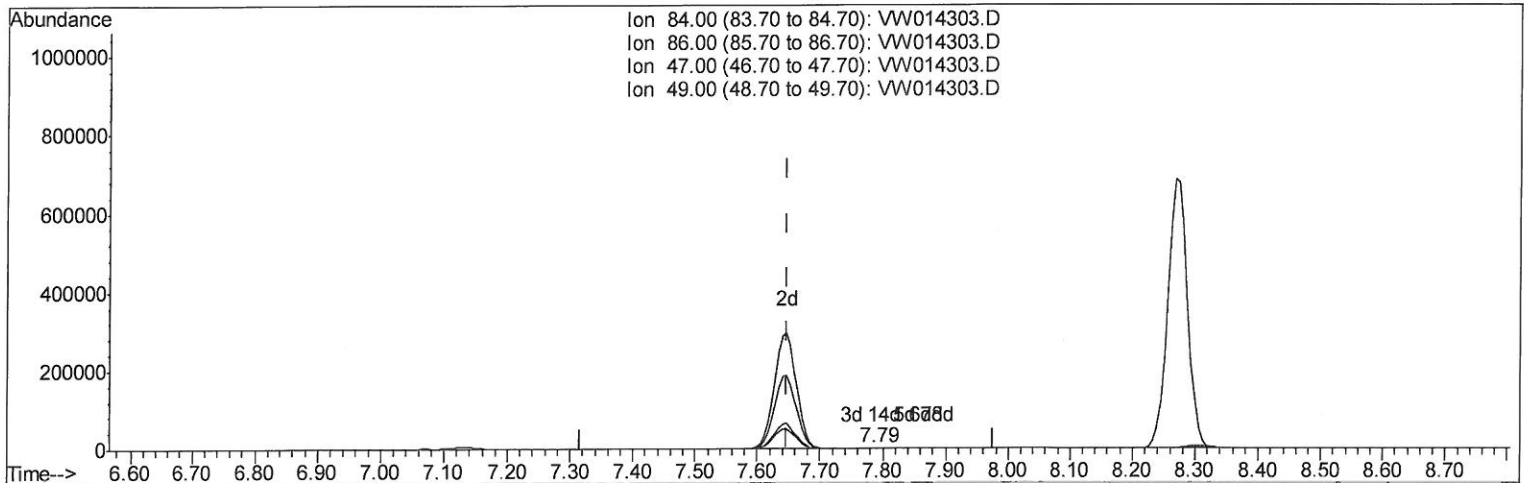
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121119\  
 Data File : VW014303.D  
 Acq On : 11 Dec 2019 15:02  
 Operator : SY/VA  
 Sample : K6236-03  
 Misc : 4.18G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

**Instrument :**  
 MSVOA\_W  
**ClientSampled :**  
 BFEX2

**Manual Integrations**  
**APPROVED**

apatel  
 12/12/2019 4:21:09 PM

Quant Time: Dec 12 04:59:54 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM120519S.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Dec 12 04:57:07 2019  
 Response via : Initial Calibration



TIC: VW014303.D

(24) Chloroform-d (S)

7.787min (+0.140) 0.01ug/L

response 258

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 84.00 | 100   | 100   |
| 86.00 | 62.00 | 72.09 |
| 47.00 | 40.50 | 36.43 |
| 49.00 | 22.80 | 24.42 |

## Quantitation Report (Qedit)

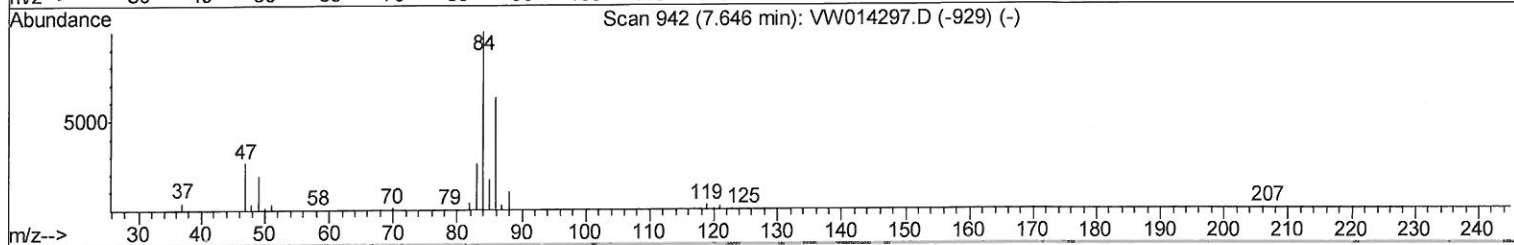
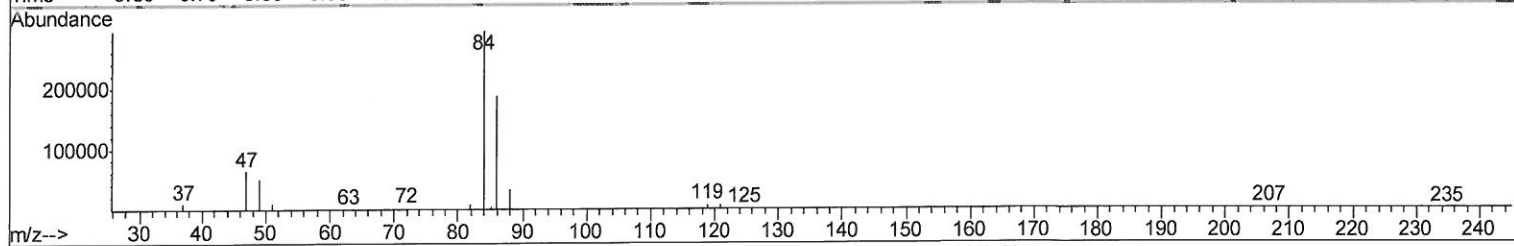
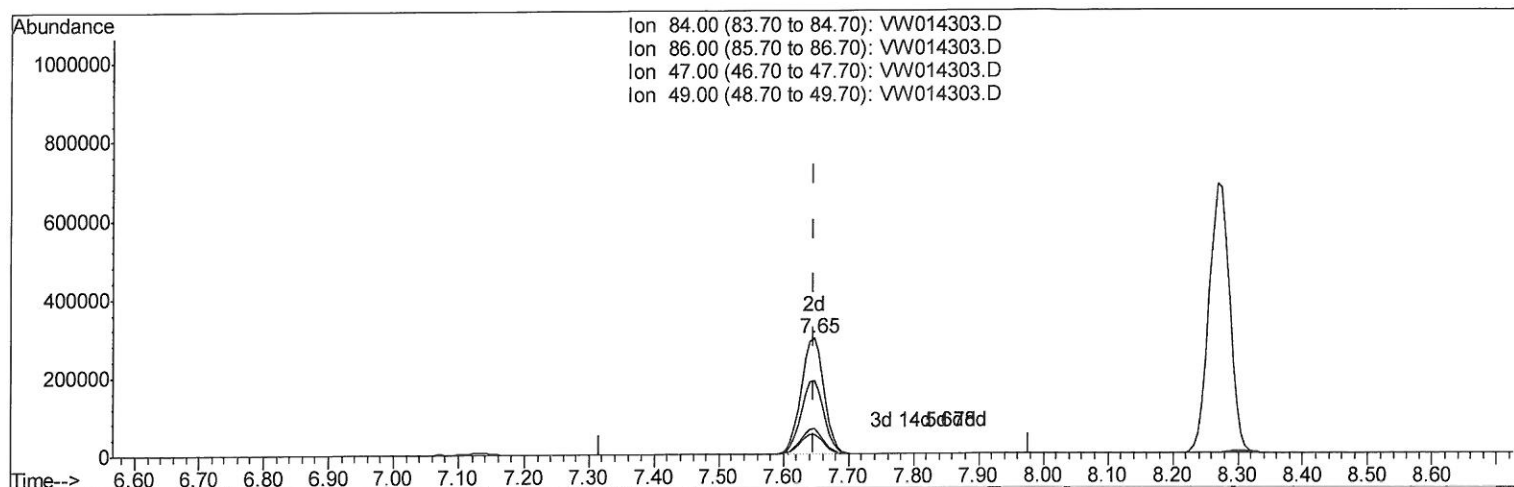
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Response via : Initial Calibration



TIC: VW014303.D

(24) Chloroform-d (S)

7.647min (+0.000) 22.38ug/L m

response 721776

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 84.00 | 100   | 100   |
| 86.00 | 62.00 | 0.03# |
| 47.00 | 40.50 | 0.01# |
| 49.00 | 22.80 | 0.01# |

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Manual Integrations  
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apatel  
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Quant Time: Dec 12 05:54:40 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM120519S.M  
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 QLast Update : Thu Dec 12 04:57:07 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 1266519  | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 1156801  | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 509825   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 394883   | 20.59    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 82.36% |
| 7) Chloroethane-d5             | 2.89   | 69    | 311481   | 21.84    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 87.36% |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 550231   | 16.24    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 64.96% |
| 20) 2-Butanone-d5              | 7.07   | 46    | 201664   | 40.35    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 80.70% |
| 24) Chloroform-d               | 7.65   | 84    | 721776m  | 22.38    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 89.52% |
| 26) 1,2-Dichloroethane-d4      | 8.30   | 65    | 388892   | 23.00    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 92.00% |
| 29) Benzene-d6                 | 8.27   | 84    | 1525661  | 22.50    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 90.00% |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 480561   | 23.04    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 92.16% |
| 37) Toluene-d8                 | 10.32  | 98    | 1355916  | 22.12    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 88.48% |
| 38) trans-1,3-Dichloropropene- | 10.57  | 79    | 181158   | 20.70    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 82.80% |
| 39) 2-Hexanone-d5              | 10.92  | 63    | 154244   | 37.19    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 74.38% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 347426   | 20.44    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 81.76% |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 453886   | 23.30    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 93.20% |

| Target Compounds |      |    |       | Ovalue        |
|------------------|------|----|-------|---------------|
| 13) Acetone      | 4.12 | 43 | 22125 | 4.592 ug/L 94 |

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

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