

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_W\DATA\VW121719\  
Quantitation Report (Qedit)

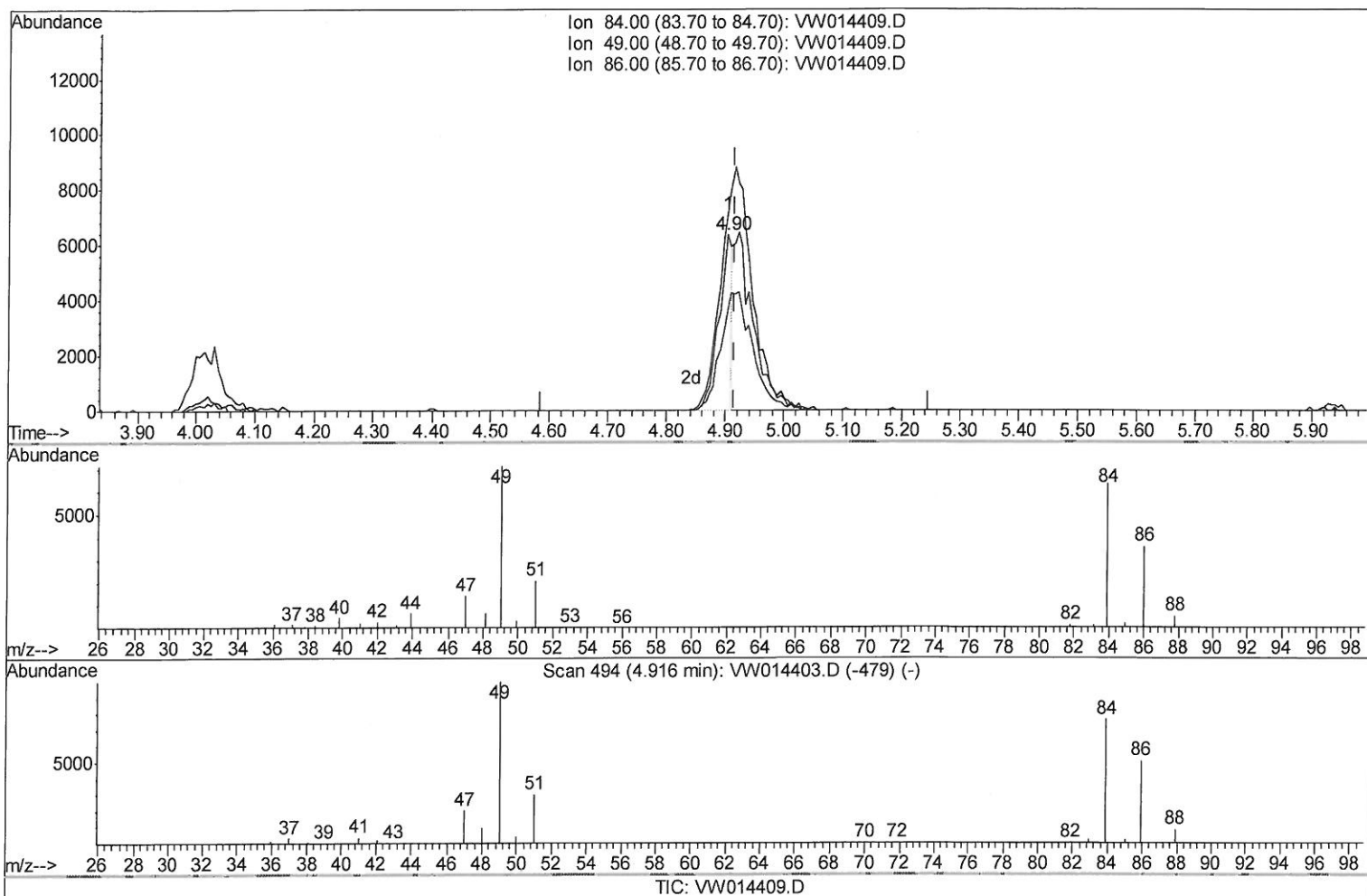
Data File : VW014409.D  
Acq On : 17 Dec 2019 23:08  
Operator : SY/VA  
Sample : K6322-10  
Misc : 4.43G/10ML/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
C0C94

Manual Integrations  
APPROVED

MMDadoda  
12/18/2019 3:32:12 PM

Quant Time: Dec 18 03:34:58 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM120519S.M  
Quant Title : VOC Analysis  
QLast Update : Wed Dec 18 03:31:53 2019  
Response via : Initial Calibration



(16) Methylene chloride (T)

4.903min (-0.012) 1.03ug/L

response 10000

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 84.00 | 100    | 100    |
| 49.00 | 120.30 | 112.02 |
| 86.00 | 62.40  | 56.62  |
| 0.00  | 0.00   | 0.00   |

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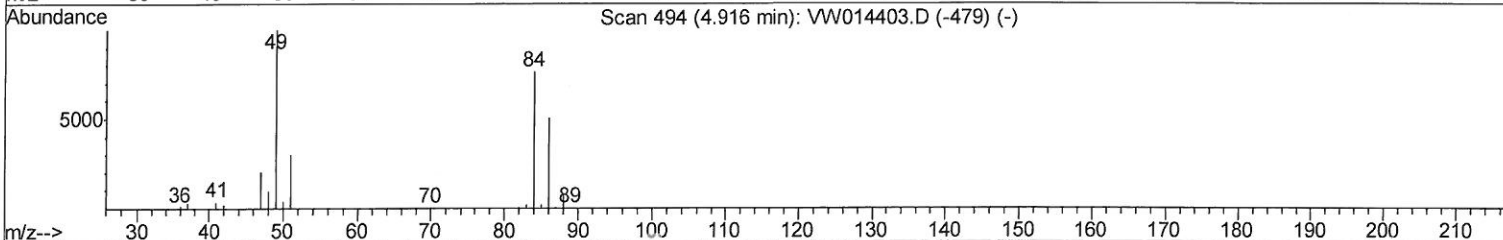
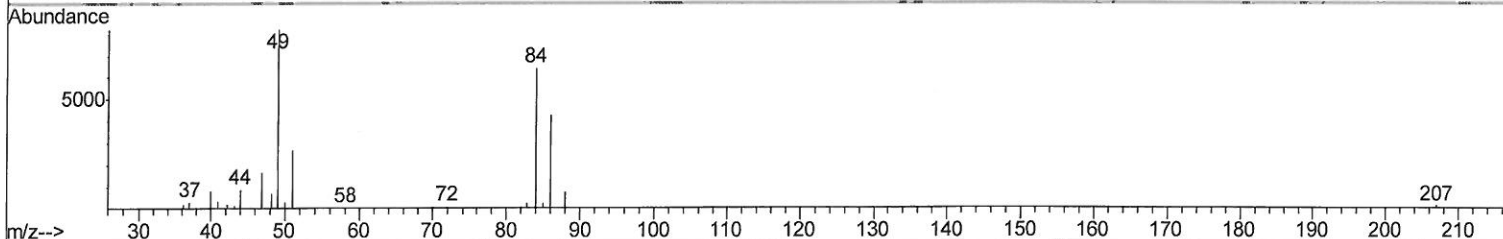
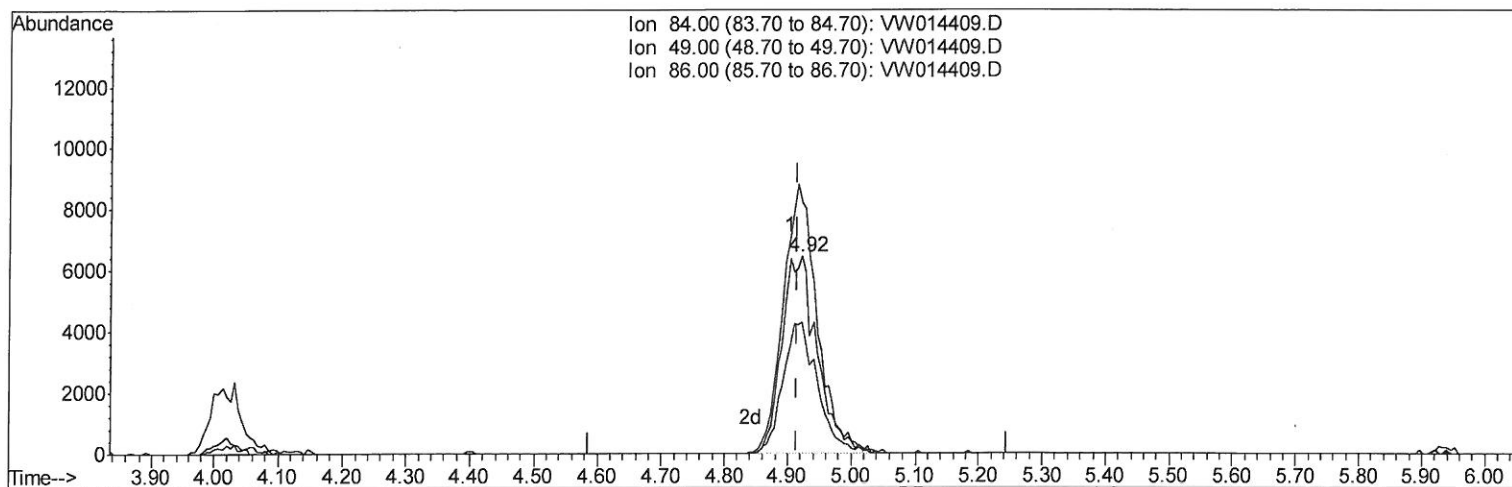
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TIC: VW014409.D

(16) Methylene chloride (T)

4.922min (+0.006) 2.60ug/L m

response 25105

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 84.00 | 100    | 100    |
| 49.00 | 120.30 | 127.36 |
| 86.00 | 62.40  | 66.44  |
| 0.00  | 0.00   | 0.00   |

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Manual Integrations  
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Quant Time: Dec 18 03:54:26 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM120519S.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Dec 18 03:31:53 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 630576   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 356039   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.55 | 152  | 47667    | 25.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |                |     |            |          |      |      |
|--------------------------------|----------------|-----|------------|----------|------|------|
| 4) Vinyl Chloride-d3           | 2.35           | 65  | 231244     | 24.22    | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 30 - 150 |     | Recovery = | 96.88%   |      |      |
| 7) Chloroethane-d5             | 2.89           | 69  | 205889     | 29.00    | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 30 - 150 |     | Recovery = | 116.00%  |      |      |
| 10) 1,1-Dichloroethene-d2      | 4.02           | 63  | 293283     | 17.39    | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 45 - 110 |     | Recovery = | 69.56%   |      |      |
| 20) 2-Butanone-d5              | 7.07           | 46  | 140239     | 56.36    | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 20 - 135 |     | Recovery = | 112.72%  |      |      |
| 24) Chloroform-d               | 7.65           | 84  | 505163     | 31.46    | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 40 - 150 |     | Recovery = | 125.84%  |      |      |
| 26) 1,2-Dichloroethane-d4      | 8.30           | 65  | 254277     | 30.21    | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 70 - 130 |     | Recovery = | 120.84%  |      |      |
| 29) Benzene-d6                 | 8.27           | 84  | 959428     | 45.98    | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 20 - 135 |     | Recovery = | 183.92%# |      |      |
| 33) 1,2-Dichloropropane-d6     | 9.27           | 67  | 334805     | 52.15    | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 70 - 120 |     | Recovery = | 208.60%# |      |      |
| 37) Toluene-d8                 | 10.32          | 98  | 632315     | 33.51    | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 30 - 130 |     | Recovery = | 134.04%# |      |      |
| 38) trans-1,3-Dichloropropene- | 10.57          | 79  | 53618      | 19.91    | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 30 - 135 |     | Recovery = | 79.64%   |      |      |
| 39) 2-Hexanone-d5              | 10.92          | 63  | 96131      | 75.31    | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 20 - 135 |     | Recovery = | 150.62%# |      |      |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69          | 84  | 221535     | 42.35    | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 45 - 120 |     | Recovery = | 169.40%# |      |      |
| 61) 1,2-Dichlorobenzene-d4     | 13.85          | 152 | 67783      | 37.21    | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 75 - 120 |     | Recovery = | 148.84%# |      |      |

#### Target Compounds

|                        | R.T. | QIon | Response | Conc  | Units | Qvalue |
|------------------------|------|------|----------|-------|-------|--------|
| 13) Acetone            | 4.12 | 43   | 11090    | 4.623 | ug/L  | 83     |
| 16) Methylene chloride | 4.92 | 84   | 25105m   | 2.597 | ug/L  |        |

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

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