

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_W\DATA\VW012920\  
Quantitation Report (Qedit)

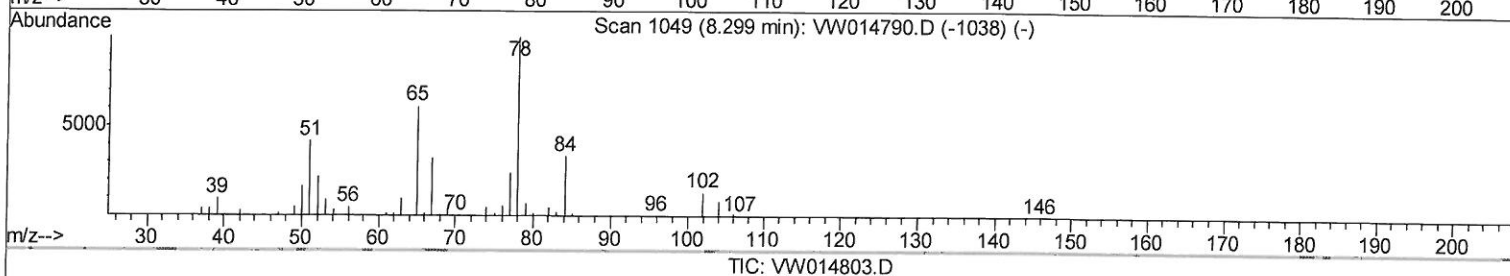
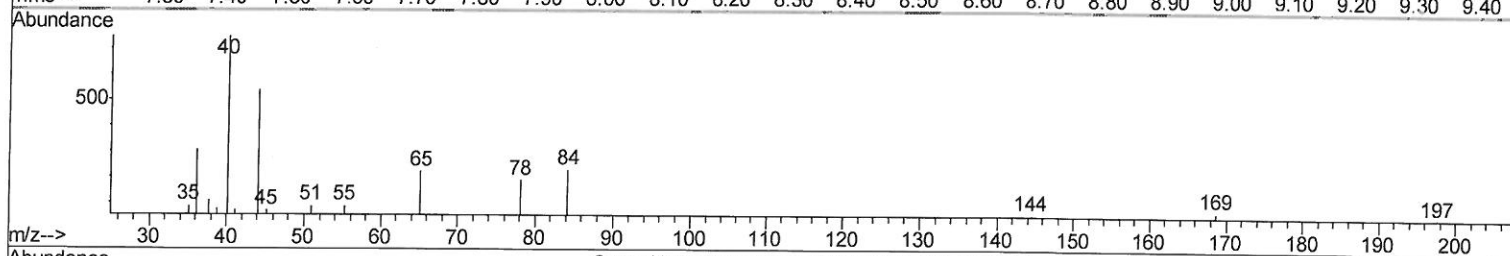
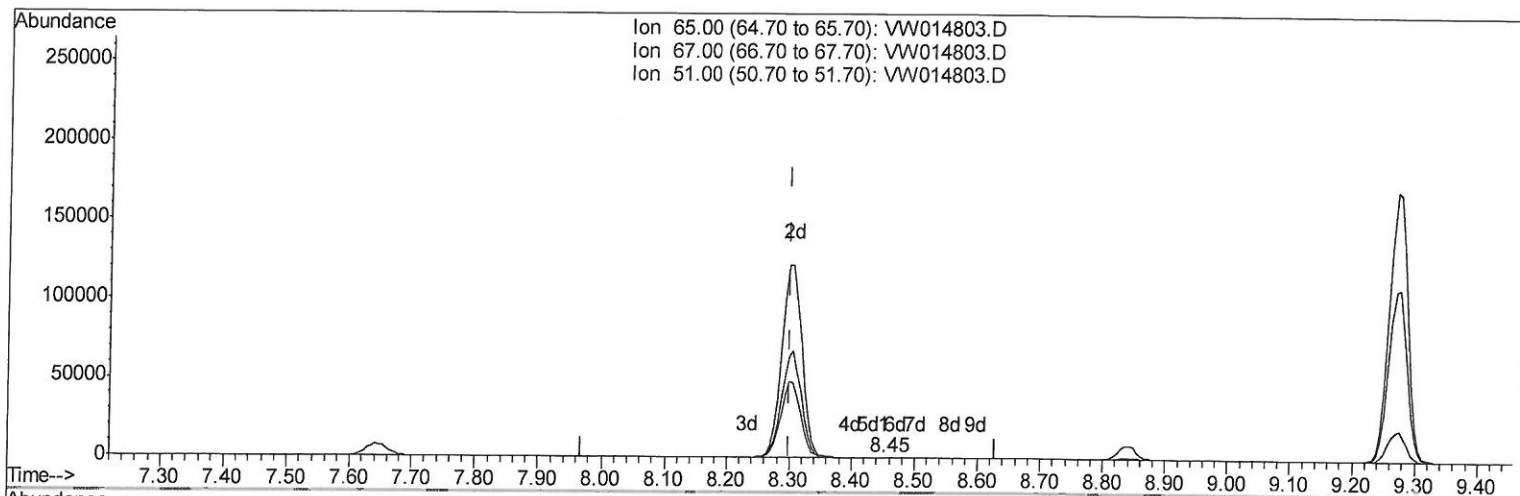
Data File : VW014803.D  
Acq On : 29 Jan 2020 18:54  
Operator : SY/VA  
Sample : L1303-10  
Misc : 4.55G/10ML/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
C0AF5

Manual Integrations  
APPROVED

MMDadoda  
1/30/2020 5:33:44 PM

Quant Time: Jan 30 07:09:25 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM012720S.M  
Quant Title : VOC Analysis  
QLast Update : Thu Jan 30 07:05:48 2020  
Response via : Initial Calibration



TIC: VW014803.D

(26) 1,2-Dichloroethane-d4 (S)

8.451min (+0.152) 0.01ug/L

response 159

| Ion   | Exp%   | Act%  |
|-------|--------|-------|
| 65.00 | 100    | 100   |
| 67.00 | 53.40  | 60.38 |
| 51.00 | 102.70 | 77.36 |
| 0.00  | 0.00   | 0.00  |

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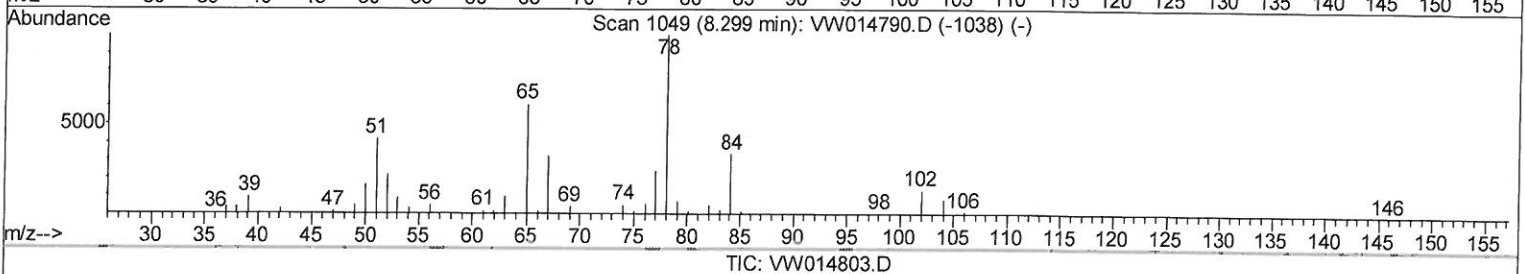
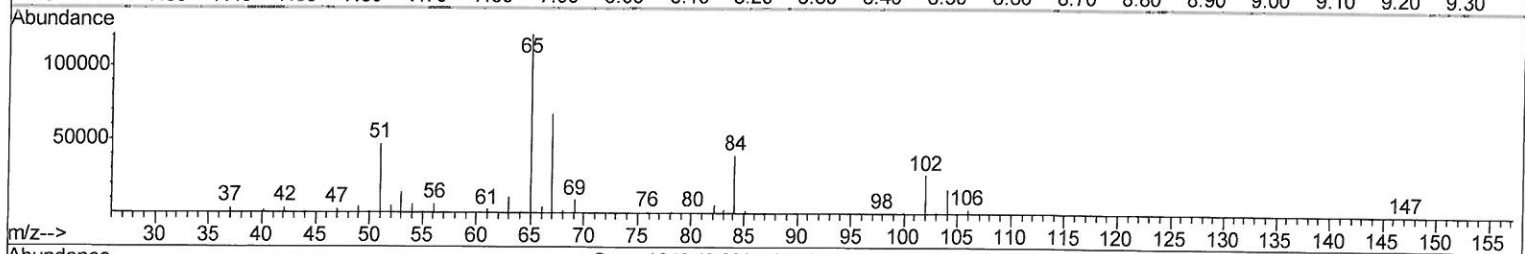
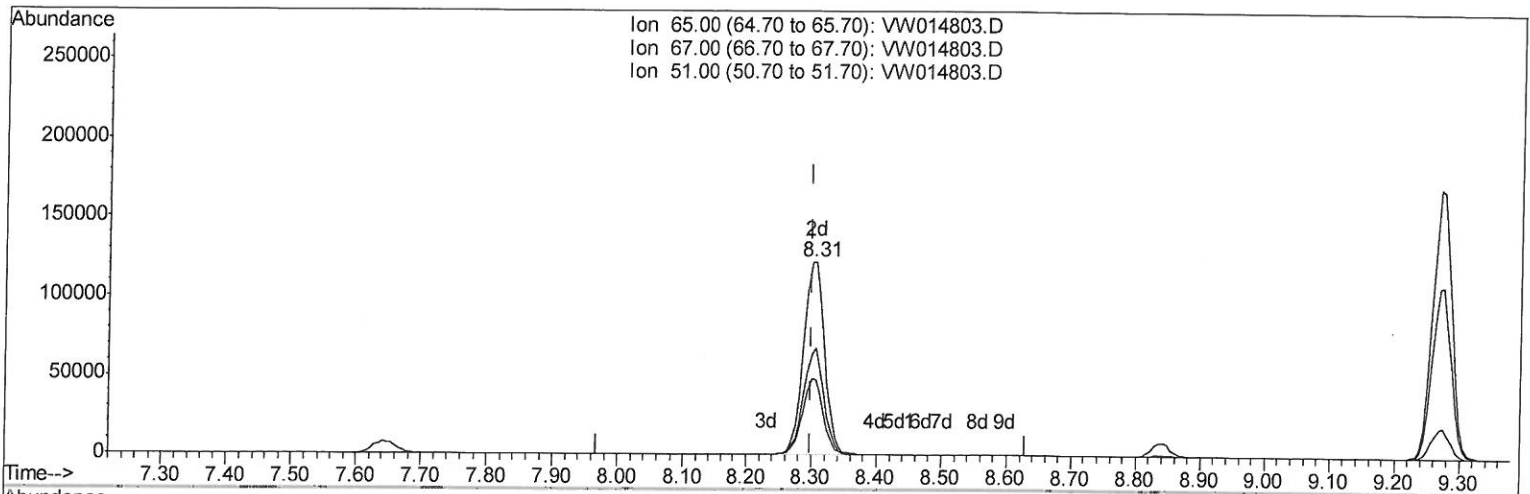
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Instrument :  
MSVOA\_W  
ClientSampled :  
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Manual Integrations  
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TIC: VW014803.D

(26) 1,2-Dichloroethane-d4 (S)

8.305min (+0.006) 19.92ug/L m

response 273925

| Ion   | Exp%   | Act%  |
|-------|--------|-------|
| 65.00 | 100    | 100   |
| 67.00 | 53.40  | 0.04# |
| 51.00 | 102.70 | 0.04# |
| 0.00  | 0.00   | 0.00  |

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ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
C0AF5

Manual Integrations  
APPROVED

MMDadoda  
1/30/2020 5:33:44 PM

Quant Time: Jan 30 08:03:16 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM012720S.M  
Quant Title : VOC Analysis  
QLast Update : Thu Jan 30 07:05:48 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 924856   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 830155   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.55 | 152  | 340556   | 25.00 | ug/L  | 0.00     |

System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 342470   | 23.38    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 93.52% |
| 7) Chloroethane-d5             | 2.89   | 69    | 272576   | 21.90    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 87.60% |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 430014   | 16.22    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 64.88% |
| 20) 2-Butanone-d5              | 7.07   | 46    | 120592   | 28.99    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 57.98% |
| 24) Chloroform-d               | 7.65   | 84    | 522393   | 20.46    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 81.84% |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 273925m  | 19.92    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 79.68% |
| 29) Benzene-d6                 | 8.27   | 84    | 1114293  | 21.33    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 85.32% |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 344008   | 21.18    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 84.72% |
| 37) Toluene-d8                 | 10.32  | 98    | 975658   | 20.96    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 83.84% |
| 38) trans-1,3-Dichloropropene- | 10.57  | 79    | 123296   | 19.05    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 76.20% |
| 39) 2-Hexanone-d5              | 10.92  | 63    | 88599    | 29.07    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 58.14% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 198752   | 15.59    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 62.36% |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 300045   | 22.48    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 89.92% |

Target Compounds

|                        |       |     |       |       | Qvalue  |
|------------------------|-------|-----|-------|-------|---------|
| 13) Acetone            | 4.12  | 43  | 13063 | 2.932 | ug/L 74 |
| 16) Methylene chloride | 4.92  | 84  | 40912 | 2.618 | ug/L 97 |
| 47) Tetrachloroethene  | 10.86 | 164 | 49993 | 4.632 | ug/L 96 |

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

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