

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_W\DATA\VW020620\  
Quantitation Report (Qedit)

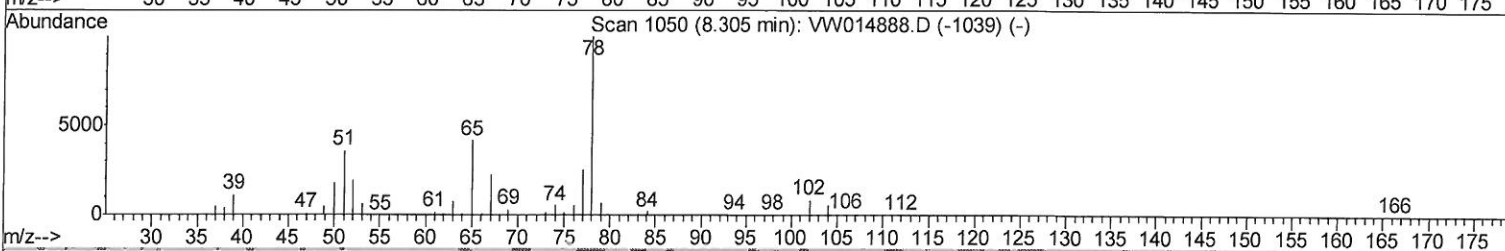
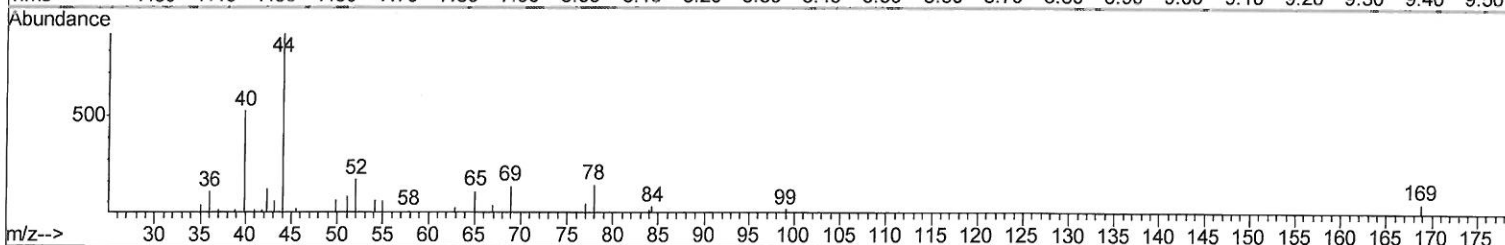
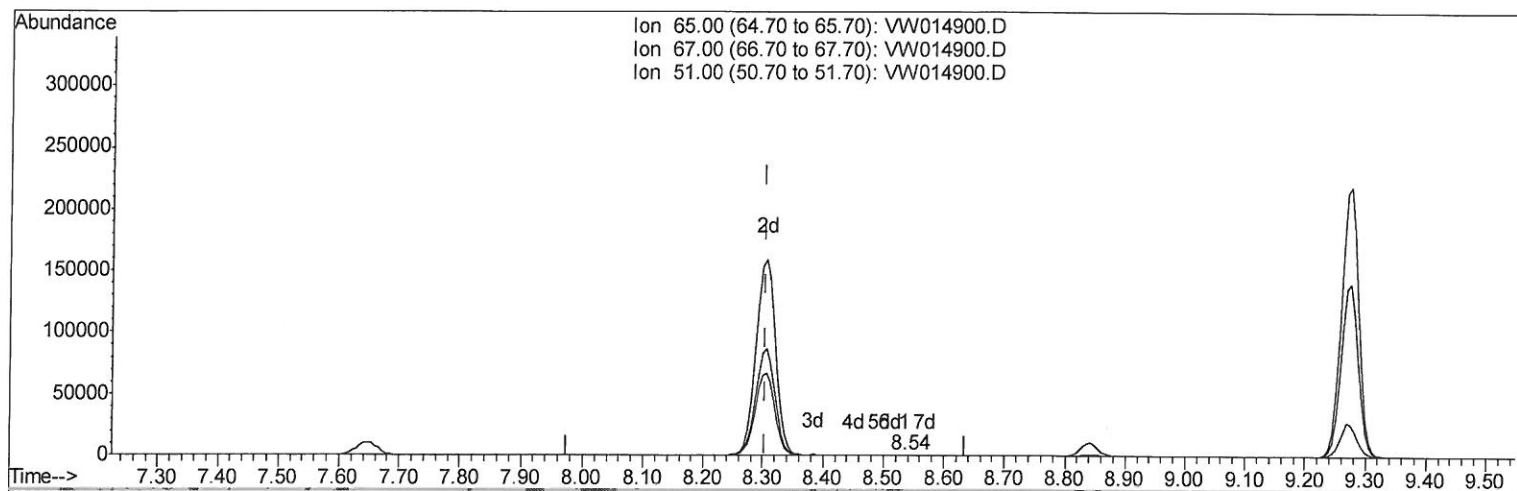
Data File : VW014900.D  
Acq On : 06 Feb 2020 16:47  
Operator : SY/VA  
Sample : L1386-05  
Misc : 5.80G/10ML/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampled :  
F3S04

Manual Integrations  
APPROVED

MMDadoda  
2/10/2020 12:32:30 PM

Quant Time: Feb 07 06:02:10 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM020520S.M  
Quant Title : VOC Analysis  
QLast Update : Fri Feb 07 05:58:53 2020  
Response via : Initial Calibration



TIC: VW014900.D

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

8.537min (+0.232) 0.01ug/L

response 177

| Ion   | Exp%   | Act%  |
|-------|--------|-------|
| 65.00 | 100    | 100   |
| 67.00 | 53.80  | 48.59 |
| 51.00 | 115.00 | 87.01 |
| 0.00  | 0.00   | 0.00  |

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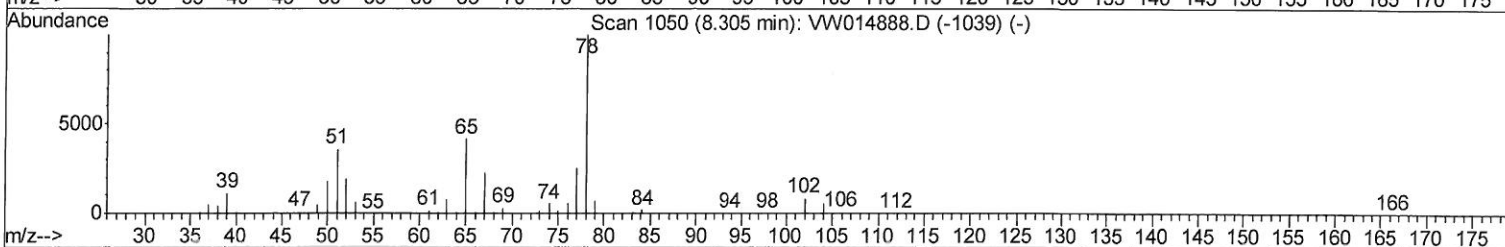
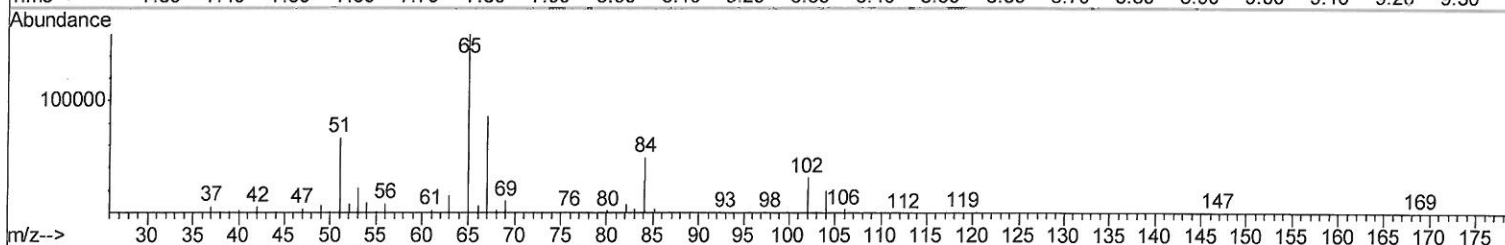
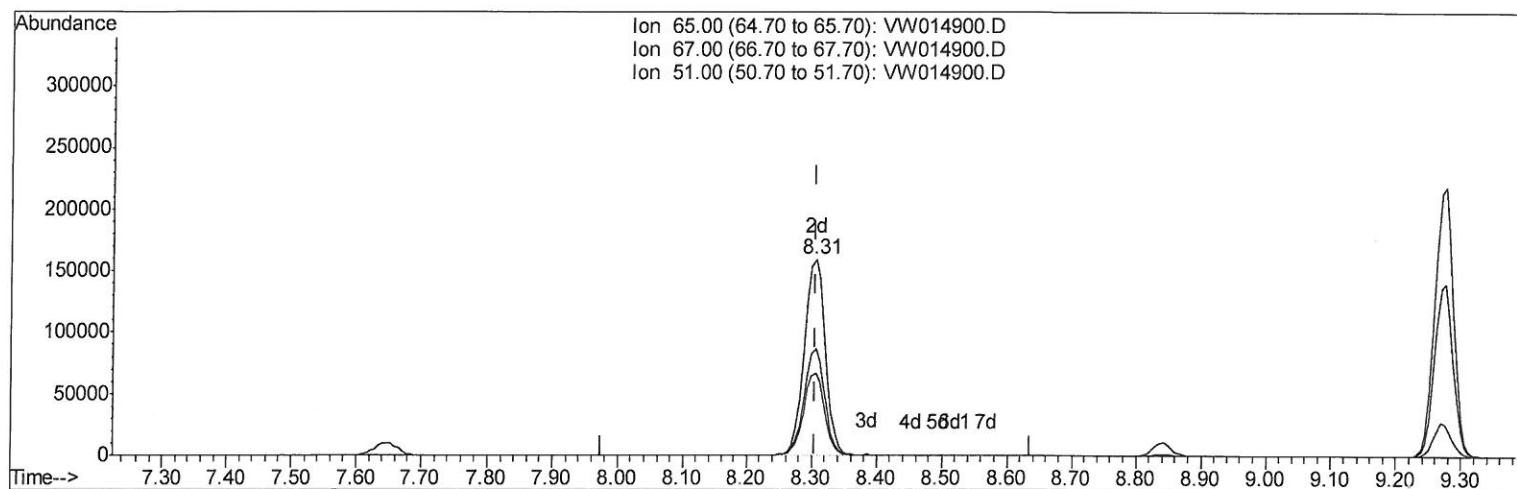
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MSVOA\_W  
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Manual Integrations  
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TIC: VW014900.D

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

8.305min (+0.000) 24.25ug/L m

2/07/2020

response 357680

| Ion   | Exp%   | Act%  |
|-------|--------|-------|
| 65.00 | 100    | 100   |
| 67.00 | 53.80  | 0.02# |
| 51.00 | 115.00 | 0.04# |
| 0.00  | 0.00   | 0.00  |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_W\DATA\VW020620\  
Quantitation Report (QT Reviewed)

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ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
F3S04

Manual Integrations  
APPROVED

MMDadoda  
2/10/2020 12:32:30 PM

Quant Time: Feb 07 06:43:49 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM020520S.M  
Quant Title : VOC Analysis  
QLast Update : Fri Feb 07 05:58:53 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 938870   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 887140   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.55 | 152  | 352529   | 25.00 | ug/L  | 0.00     |

System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 2.36   | 65    | 281275   | 18.10    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 72.40% |
| 7) Chloroethane-d5             | 2.89   | 69    | 273005   | 21.94    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 87.76% |
| 10) 1,1-Dichloroethene-d2      | 4.02   | 63    | 429726   | 15.13    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 60.52% |
| 20) 2-Butanone-d5              | 7.07   | 46    | 199199   | 45.67    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 91.34% |
| 24) Chloroform-d               | 7.65   | 84    | 620565   | 23.28    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 93.12% |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 357680m  | > 24.25  | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 97.00% |
| 29) Benzene-d6                 | 8.27   | 84    | 1250284  | 21.92    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 87.68% |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 434389   | 23.37    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 93.48% |
| 37) Toluene-d8                 | 10.32  | 98    | 1066411  | 21.24    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 84.96% |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 144773   | 19.72    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 78.88% |
| 39) 2-Hexanone-d5              | 10.92  | 63    | 142037   | 41.91    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 83.82% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 305060   | 21.79    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 87.16% |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 331514   | 24.25    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 97.00% |

| Target Compounds |      |    |       | Qvalue        |
|------------------|------|----|-------|---------------|
| 13) Acetone      | 4.12 | 43 | 13907 | 3.089 ug/L 96 |

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

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