

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

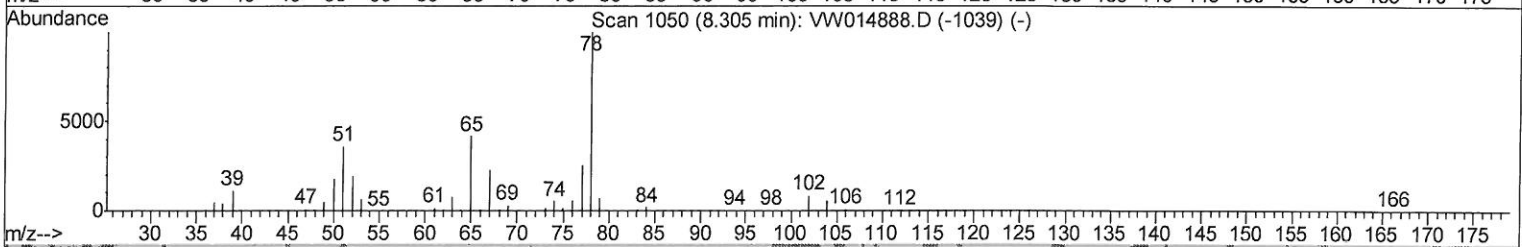
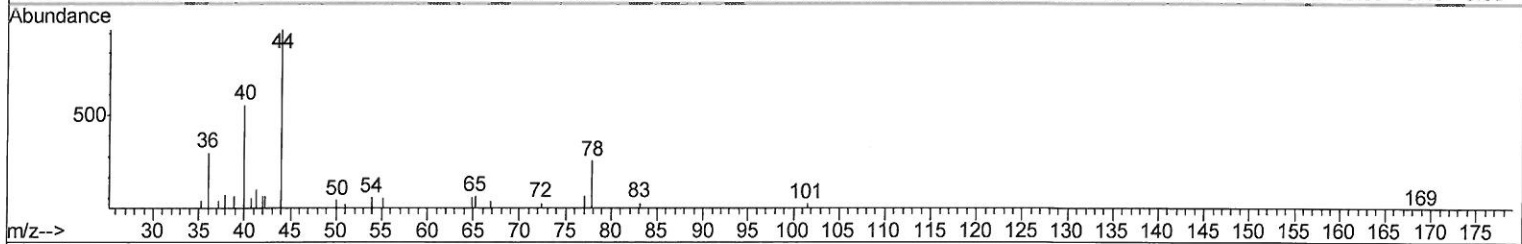
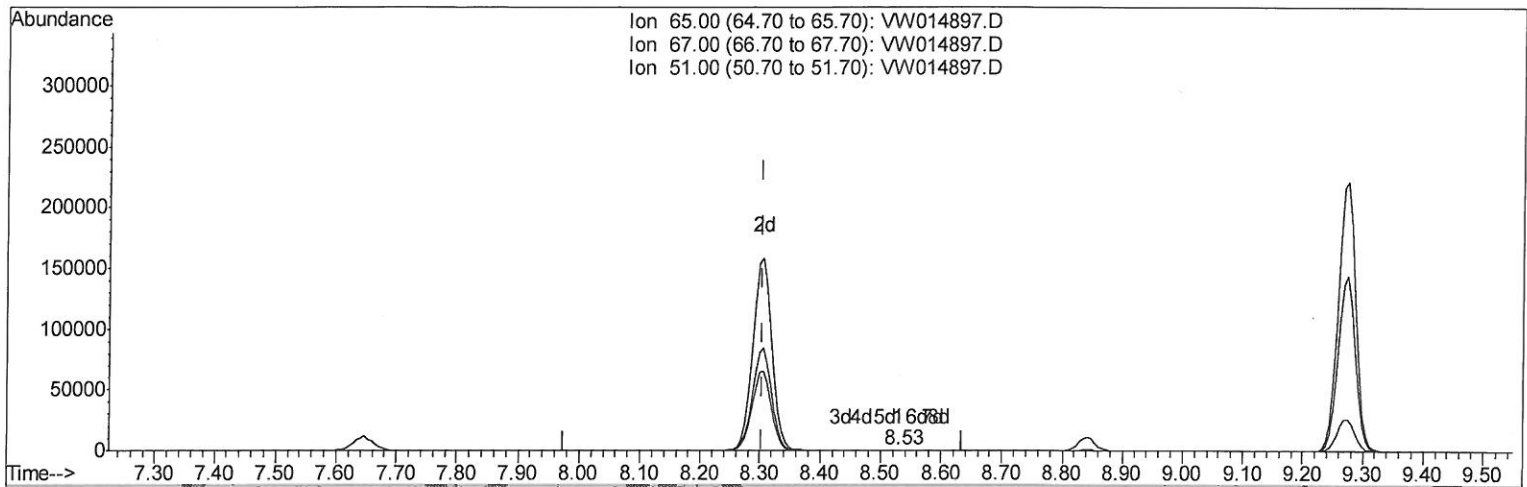
Data File : VW014897.D  
Acq On : 06 Feb 2020 15:29  
Operator : SY/VA  
Sample : L1386-02  
Misc : 4.75G/10ML/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
F3S01

Manual Integrations  
APPROVED

MMDadoda  
2/10/2020 12:32:26 PM

Quant Time: Feb 07 06:01:54 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: VW014897.D

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

8.531min (+0.226) 0.01ug/L

response 106

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100    | 100    |
| 67.00 | 53.80  | 64.15  |
| 51.00 | 115.00 | 131.13 |
| 0.00  | 0.00   | 0.00   |

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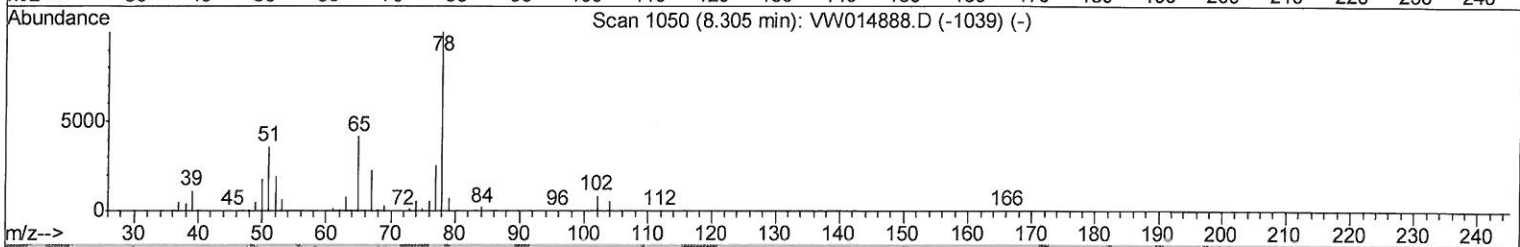
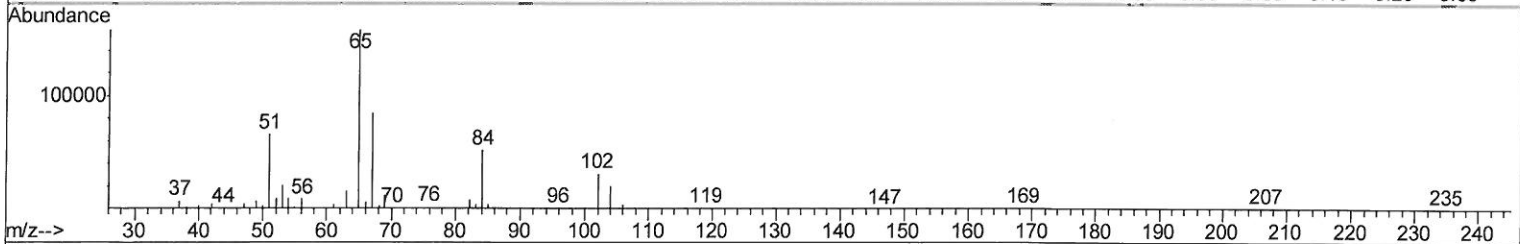
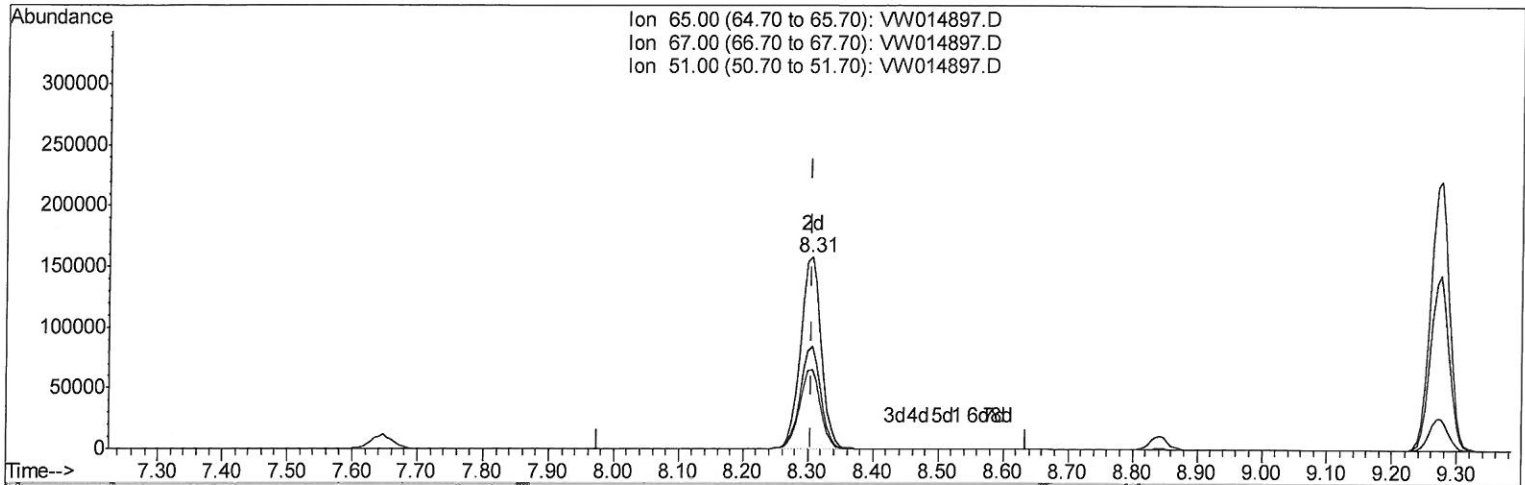
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TIC: VW014897.D

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

8.305min (+0.000) 23.68ug/L m

202/07/2020

response 350154

| 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  |

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ALS Vial : 1 Sample Multiplier: 1

Instrument :

MSVOA\_W

ClientSampleId :

F3S01

Manual Integrations

APPROVED

MMDadoda

2/10/2020 12:32:26 PM

Quant Time: Feb 07 06:34:47 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  | 941038   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 861508   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 336444   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.36   | 65    | 299643   | 19.23    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 76.92%  |
| 7) Chloroethane-d5             | 2.89   | 69    | 292866   | 23.48    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 93.92%  |
| 10) 1,1-Dichloroethene-d2      | 4.02   | 63    | 460911   | 16.19    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 64.76%  |
| 20) 2-Butanone-d5              | 7.07   | 46    | 159490   | 36.48    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 72.96%  |
| 24) Chloroform-d               | 7.65   | 84    | 653578   | 24.46    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 97.84%  |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 350154m  | 23.68    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 94.72%  |
| 29) Benzene-d6                 | 8.27   | 84    | 1319078  | 23.81    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 95.24%  |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 446131   | 24.71    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 98.84%  |
| 37) Toluene-d8                 | 10.32  | 98    | 1132745  | 23.23    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 92.92%  |
| 38) trans-1,3-Dichloropropene- | 10.57  | 79    | 140144   | 19.66    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 78.64%  |
| 39) 2-Hexanone-d5              | 10.92  | 63    | 111866   | 33.99    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 67.98%  |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 271385   | 19.96    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 79.84%  |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 326763   | 25.05    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 100.20% |

2/07/20 Sy

## Target Compounds

| Target Compounds |      |    |       | Qvalue        |
|------------------|------|----|-------|---------------|
| 13) Acetone      | 4.12 | 43 | 13297 | 2.946 ug/L 96 |

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

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