

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_W\DATA\VW121619\  
Quantitation Report (Qedit)

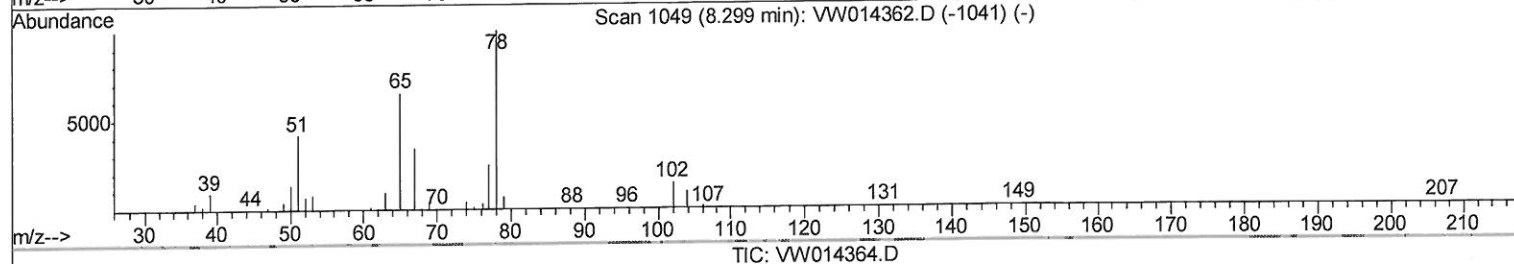
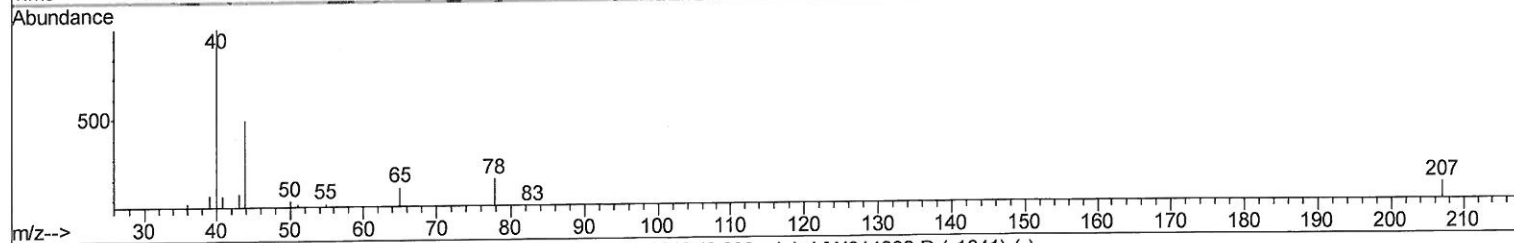
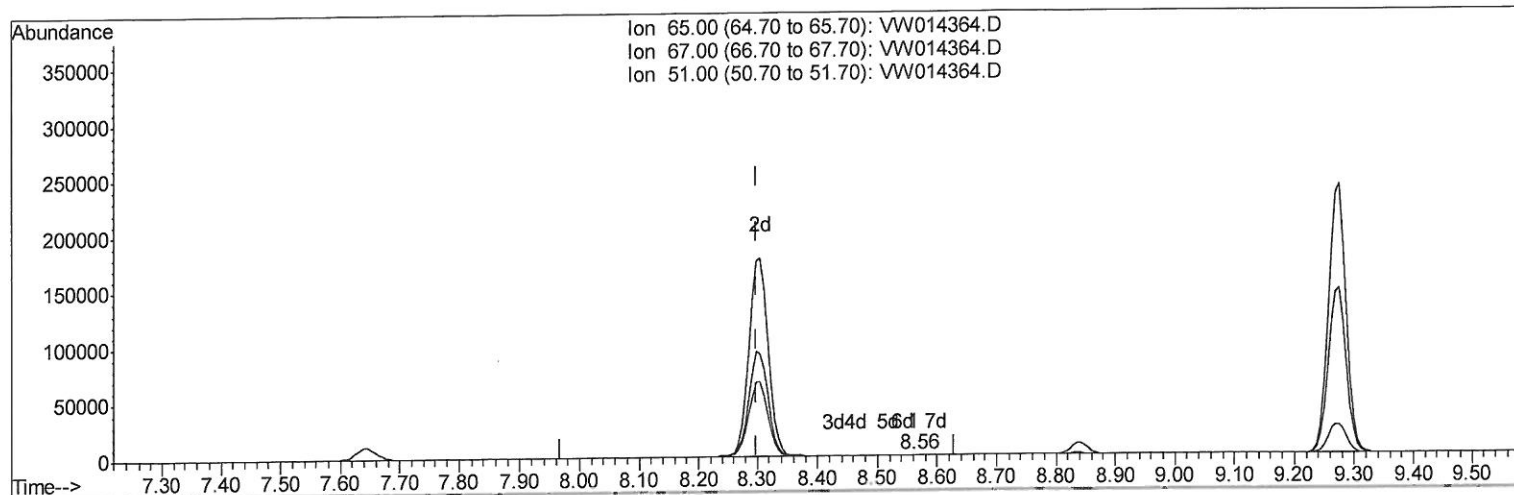
Data File : VW014364.D  
Acq On : 16 Dec 2019 12:47  
Operator : SY/VA  
Sample : K6238-06  
Misc : 5.02G/10ML/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
Client Sampled :  
VHBLK01

Manual Integrations  
APPROVED

MMDadoda  
12/18/2019 12:58:27 PM

Quant Time: Dec 17 07:29:38 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM120519S.M  
Quant Title : VOC Analysis  
QLast Update : Tue Dec 17 07:27:11 2019  
Response via : Initial Calibration



TIC: VW014364.D

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

8.561min (+0.262) 0.01ug/L

response 129

| Ion   | Exp%   | Act%  |
|-------|--------|-------|
| 65.00 | 100    | 100   |
| 67.00 | 54.40  | 69.77 |
| 51.00 | 107.20 | 95.35 |
| 0.00  | 0.00   | 0.00  |

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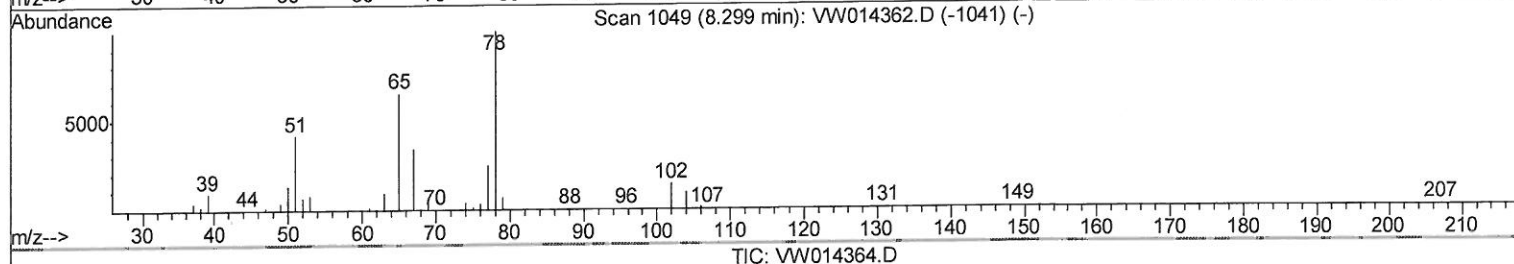
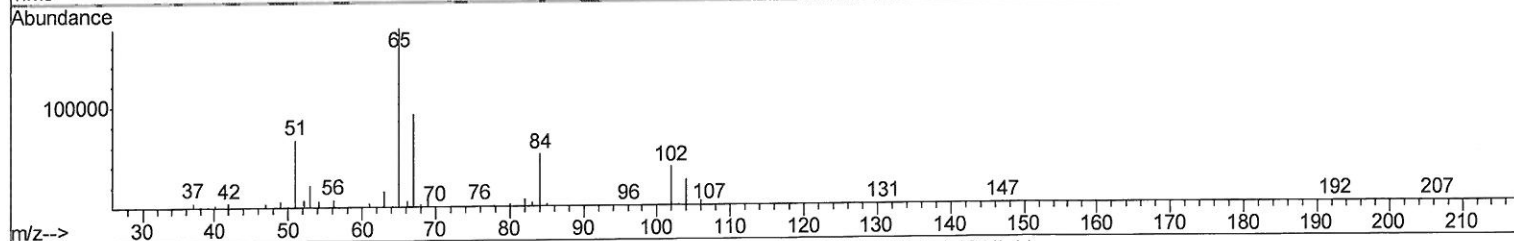
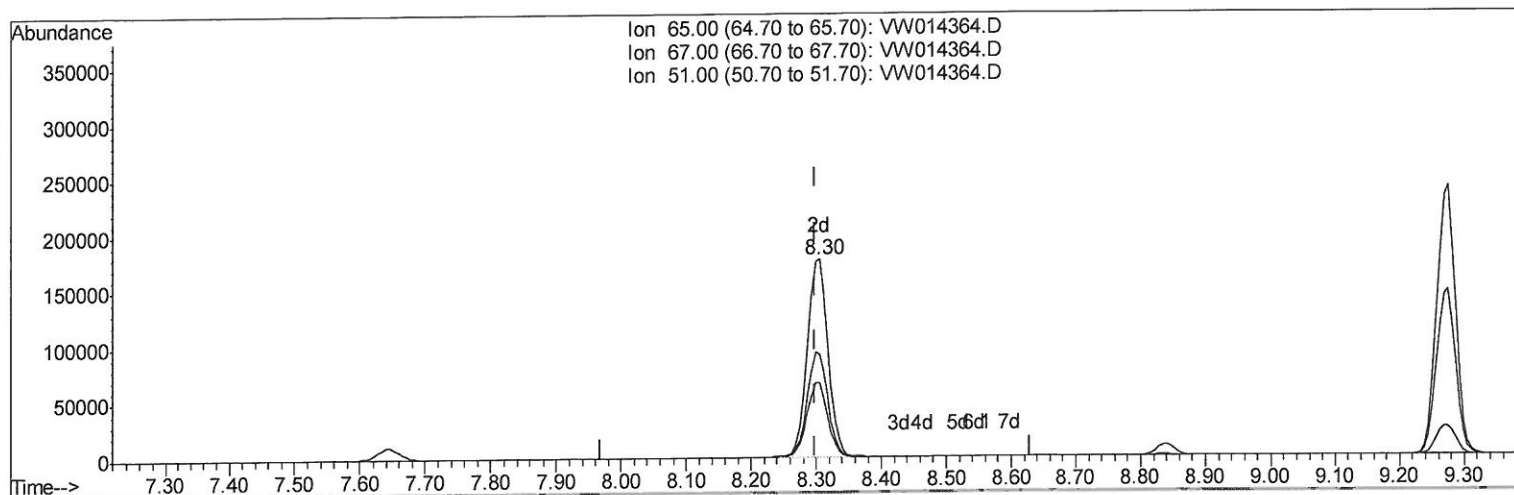
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(26) 1,2-Dichloroethane-d4 (S)

8.305min (+0.006) 26.44ug/L m

response 395612

| Ion   | Exp%   | Act%  |
|-------|--------|-------|
| 65.00 | 100    | 100   |
| 67.00 | 54.40  | 0.02# |
| 51.00 | 107.20 | 0.03# |
| 0.00  | 0.00   | 0.00  |

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 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VHBLK01

Manual Integrations  
 APPROVED

MMDadoda  
 12/18/2019 12:58:27 PM

Quant Time: Dec 17 07:37:37 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM120519S.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Dec 17 07:27:11 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 1120694  | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 1022269  | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 442844   | 25.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |                |     |            |         |      |      |
|--------------------------------|----------------|-----|------------|---------|------|------|
| 4) Vinyl Chloride-d3           | 2.35           | 65  | 366475     | 21.59   | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 30 - 150 |     | Recovery = | 86.36%  |      |      |
| 7) Chloroethane-d5             | 2.89           | 69  | 308086     | 24.42   | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 30 - 150 |     | Recovery = | 97.68%  |      |      |
| 10) 1,1-Dichloroethene-d2      | 4.01           | 63  | 540539     | 18.03   | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 45 - 110 |     | Recovery = | 72.12%  |      |      |
| 20) 2-Butanone-d5              | 7.07           | 46  | 222721     | 50.36   | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 20 - 135 |     | Recovery = | 100.72% |      |      |
| 24) Chloroform-d               | 7.65           | 84  | 726711     | 25.47   | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 40 - 150 |     | Recovery = | 101.88% |      |      |
| 26) 1,2-Dichloroethane-d4      | 8.30           | 65  | 395612m    | 26.44   | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 70 - 130 |     | Recovery = | 105.76% |      |      |
| 29) Benzene-d6                 | 8.27           | 84  | 1531895    | 25.57   | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 20 - 135 |     | Recovery = | 102.28% |      |      |
| 33) 1,2-Dichloropropane-d6     | 9.27           | 67  | 481304     | 26.11   | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 70 - 120 |     | Recovery = | 104.44% |      |      |
| 37) Toluene-d8                 | 10.32          | 98  | 1357788    | 25.06   | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 30 - 130 |     | Recovery = | 100.24% |      |      |
| 38) trans-1,3-Dichloropropene- | 10.58          | 79  | 183321     | 23.71   | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 30 - 135 |     | Recovery = | 94.84%  |      |      |
| 39) 2-Hexanone-d5              | 10.92          | 63  | 170173     | 46.43   | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 20 - 135 |     | Recovery = | 92.86%  |      |      |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69          | 84  | 358814     | 23.89   | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 45 - 120 |     | Recovery = | 95.56%  |      |      |
| 61) 1,2-Dichlorobenzene-d4     | 13.85          | 152 | 451470     | 26.68   | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 75 - 120 |     | Recovery = | 106.72% |      |      |

12/17/19 Sy

| Target Compounds       |      |    |       |            | Qvalue |
|------------------------|------|----|-------|------------|--------|
| 13) Acetone            | 4.12 | 43 | 18832 | 4.417 ug/L | 72     |
| 16) Methylene chloride | 4.92 | 84 | 28994 | 1.688 ug/L | 95     |

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

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