

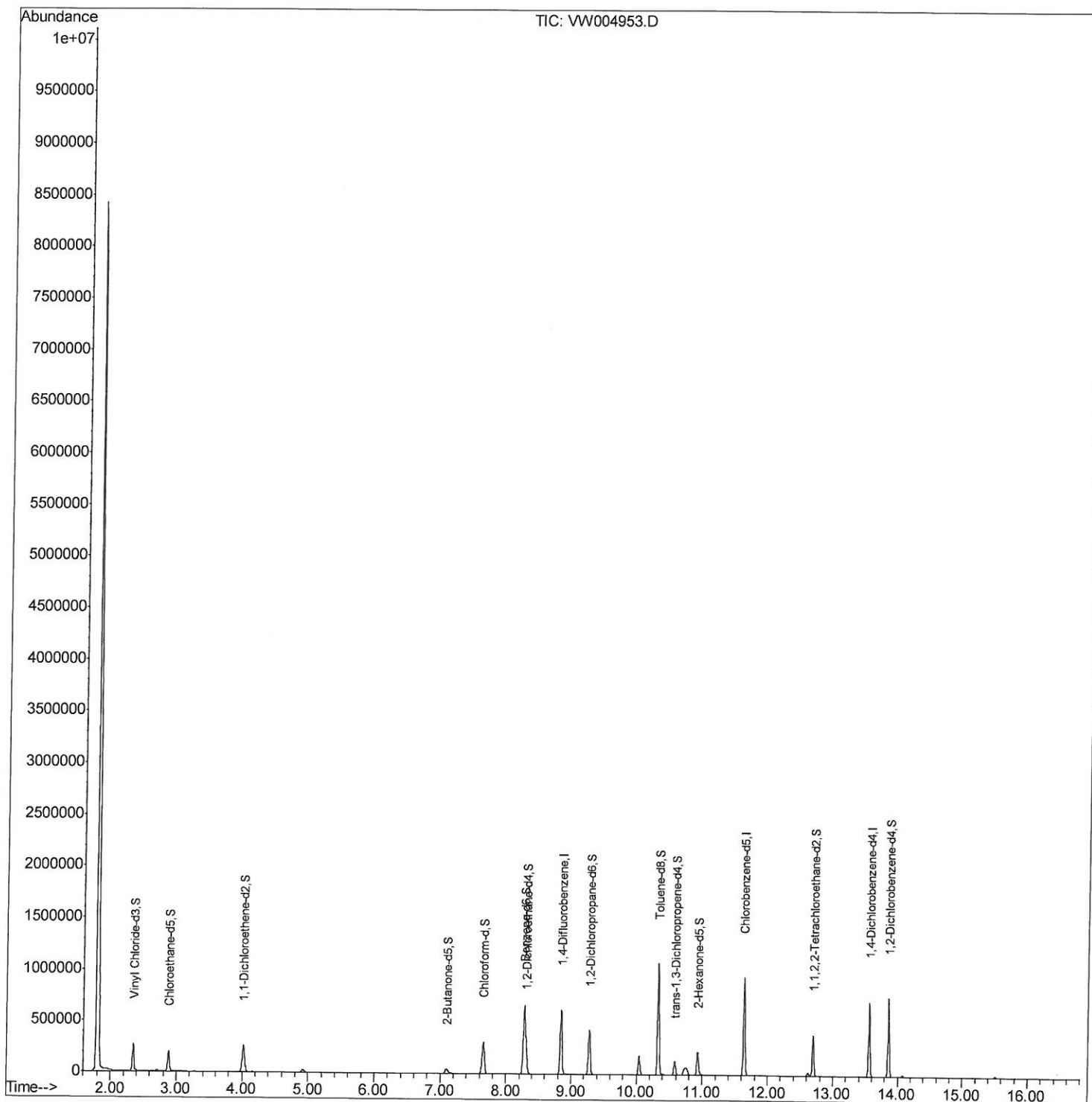
Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_W\DATA\VW082418\  
Data File : VW004953.D  
Acq On : 24 Aug 2018 23:08  
Operator : SY/AP  
Sample : J4634-03  
Misc : 6.17G/10ML/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
DB3H6

Manual Integrations  
APPROVED

apatel  
8/31/2018 11:37:47 AM

Quant Time: Aug 25 04:44:44 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM082218S.M  
Quant Title : VOC Analysis  
QLast Update : Sat Aug 25 01:34:01 2018  
Response via : Initial Calibration



# Quantitation Report (Qedit)

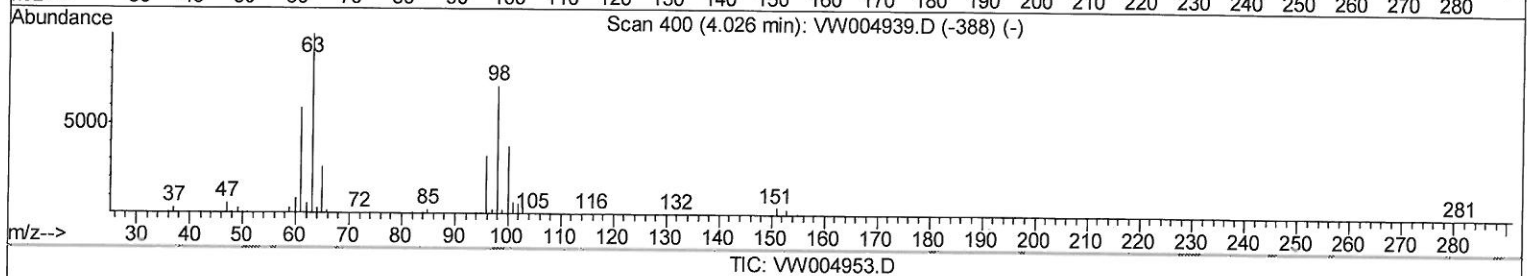
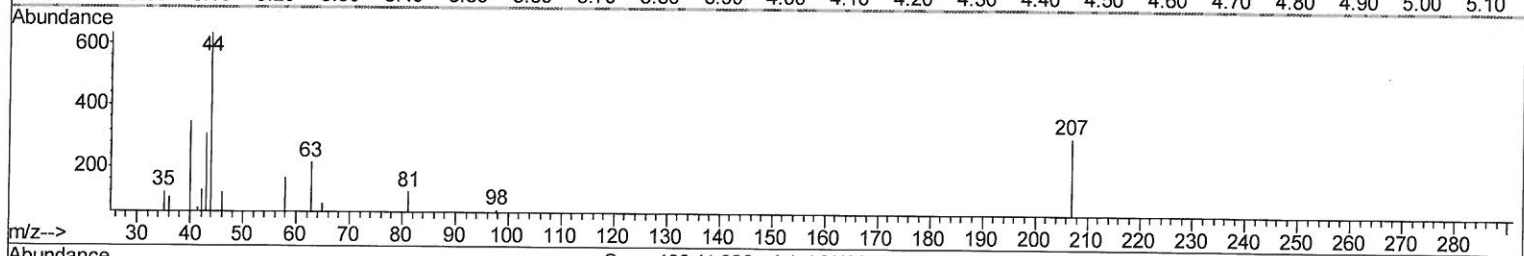
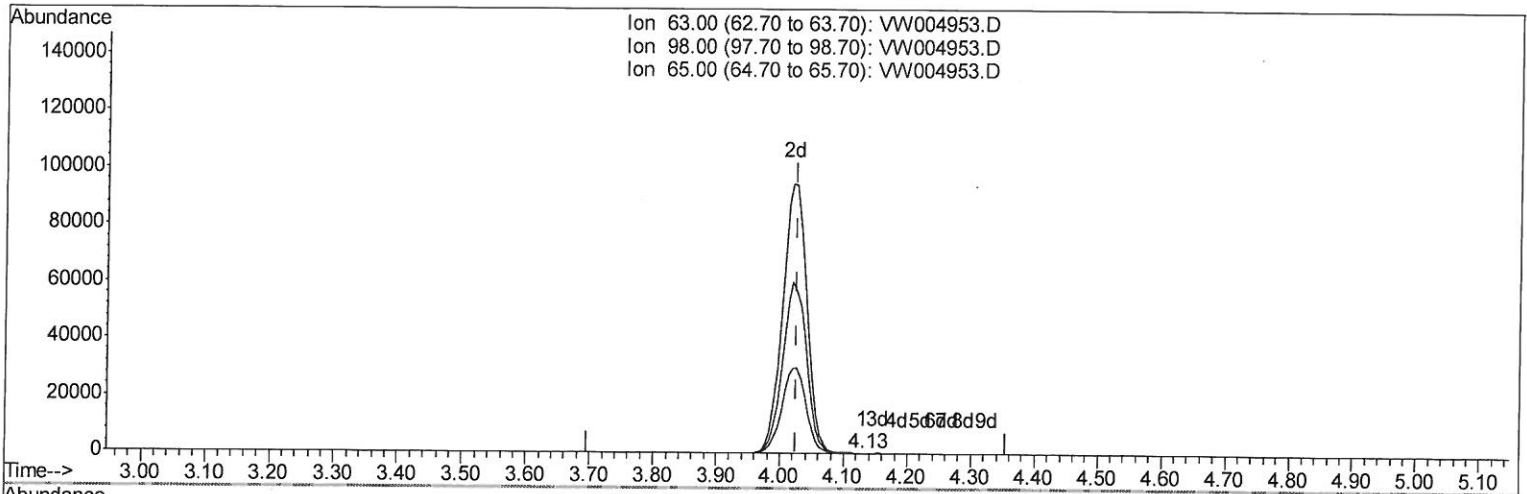
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Quant Time: Aug 25 04:39:25 2018  
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 Quant Title : VOC Analysis  
 QLast Update : Sat Aug 25 01:34:01 2018  
 Response via : Initial Calibration



(10) 1,1-Dichloroethene-d2 (S)

4.129min (+0.104) 0.02ug/L

response 274

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 63.00 | 100   | 100   |
| 98.00 | 77.70 | 78.47 |
| 65.00 | 24.00 | 18.25 |
| 0.00  | 0.00  | 0.00  |

# Quantitation Report (Qedit)

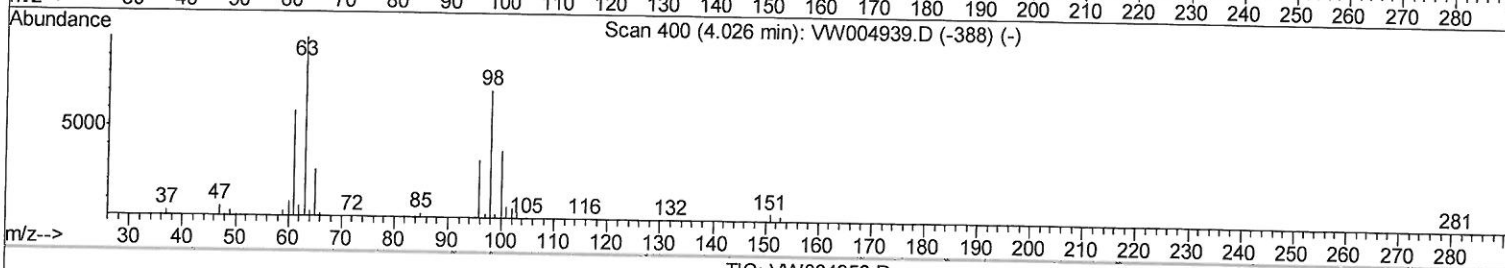
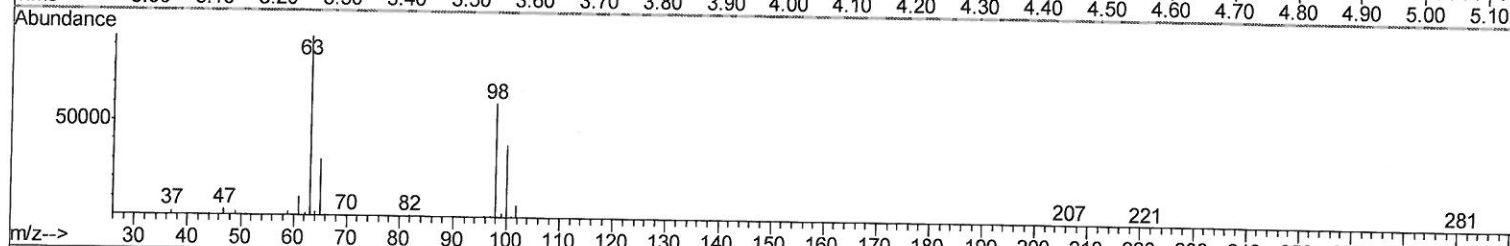
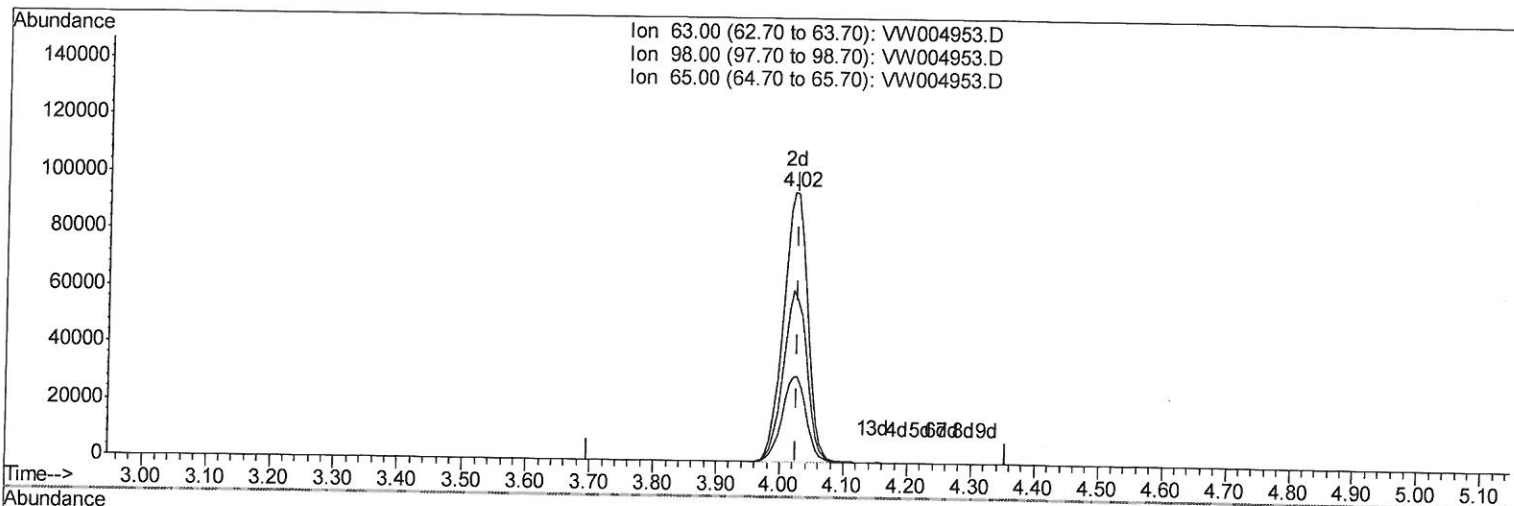
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Manual Integrations  
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apatel  
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 Quant Title : VOC Analysis  
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 Response via : Initial Calibration



TIC: VW004953.D

(10) 1,1-Dichloroethene-d2 (S)

4.020min (-0.006) 18.69ug/L m

response 250105

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 63.00 | 100   | 100   |
| 98.00 | 77.70 | 0.09# |
| 65.00 | 24.00 | 0.02# |
| 0.00  | 0.00  | 0.00  |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_W\DATA\VW082418\  
 Data File : VW004953.D  
 Acq On : 24 Aug 2018 23:08  
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Instrument :  
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Manual Integrations  
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Quant Time: Aug 25 04:44:44 2018  
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 Quant Title : VOC Analysis  
 QLast Update : Sat Aug 25 01:34:01 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.85  | 114  | 554420   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 569253   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.57 | 152  | 200526   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |                |     |            |         |      |      |
|--------------------------------|----------------|-----|------------|---------|------|------|
| 4) Vinyl Chloride-d3           | 2.35           | 65  | 258911     | 24.71   | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 30 - 150 |     | Recovery = | 98.84%  |      |      |
| 7) Chloroethane-d5             | 2.89           | 69  | 210003     | 27.03   | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 30 - 150 |     | Recovery = | 108.12% |      |      |
| 10) 1,1-Dichloroethene-d2      | 4.02           | 63  | 250105m    | 18.69   | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 45 - 110 |     | Recovery = | 74.76%  |      |      |
| 20) 2-Butanone-d5              | 7.09           | 46  | 77218      | 36.21   | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 20 - 135 |     | Recovery = | 72.42%  |      |      |
| 24) Chloroform-d               | 7.65           | 84  | 328918     | 26.72   | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 40 - 150 |     | Recovery = | 106.88% |      |      |
| 26) 1,2-Dichloroethane-d4      | 8.31           | 65  | 190966     | 28.55   | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 70 - 130 |     | Recovery = | 114.20% |      |      |
| 29) Benzene-d6                 | 8.28           | 84  | 718360     | 24.53   | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 20 - 135 |     | Recovery = | 98.12%  |      |      |
| 33) 1,2-Dichloropropane-d6     | 9.28           | 67  | 220451     | 25.62   | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 70 - 120 |     | Recovery = | 102.48% |      |      |
| 37) Toluene-d8                 | 10.33          | 98  | 747591     | 24.10   | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 30 - 130 |     | Recovery = | 96.40%  |      |      |
| 38) trans-1,3-Dichloropropene- | 10.59          | 79  | 76349      | 20.63   | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 30 - 135 |     | Recovery = | 82.52%  |      |      |
| 39) 2-Hexanone-d5              | 10.93          | 63  | 74235      | 34.83   | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 20 - 135 |     | Recovery = | 69.66%  |      |      |
| 48) 1,1,2,2-Tetrachloroethane- | 12.70          | 84  | 204059     | 23.61   | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 45 - 120 |     | Recovery = | 94.44%  |      |      |
| 61) 1,2-Dichlorobenzene-d4     | 13.86          | 152 | 218004     | 27.06   | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 75 - 120 |     | Recovery = | 108.24% |      |      |

Target Compounds Qvalue

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