

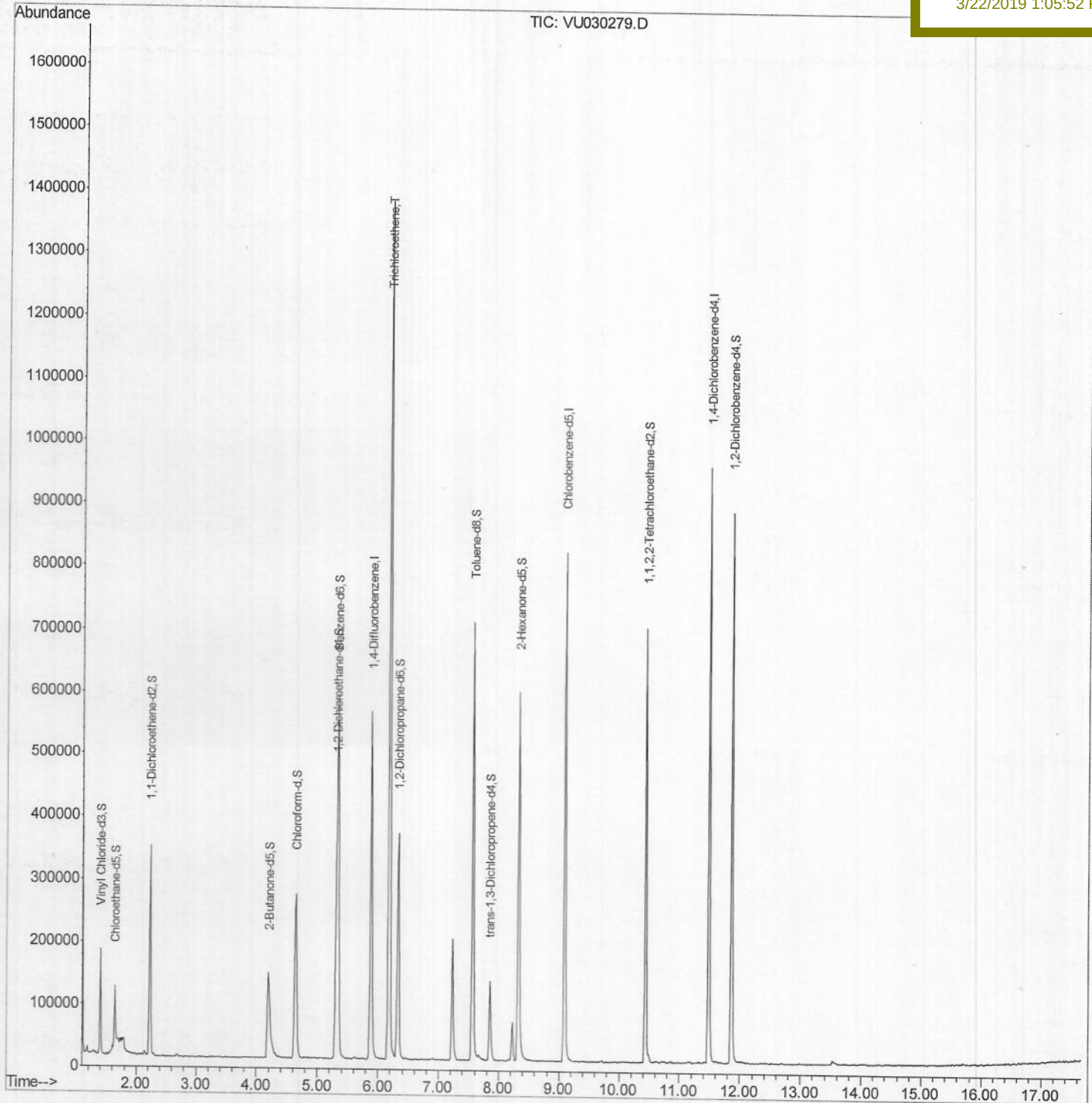
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032119\  
Data File : VU030279.D  
Acq On : 21 Mar 2019 20:29  
Operator : JC/SP  
Sample : K1988-21ME  
Misc : 5.79µ/5mL/100uL/5.0mL/MSVOA\_U/MEOH  
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Apr 05 07:12:43 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM031919WMA.M  
Quant Title : VOC Analysis  
QLast Update : Fri Mar 22 05:14:44 2019  
Response via : Initial Calibration

Instrument :  
MSVOA\_U  
ClientSampleId :  
BF0D3ME

Manual Integrations  
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Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\VU032119\  
Quantitation Report (Qedit)

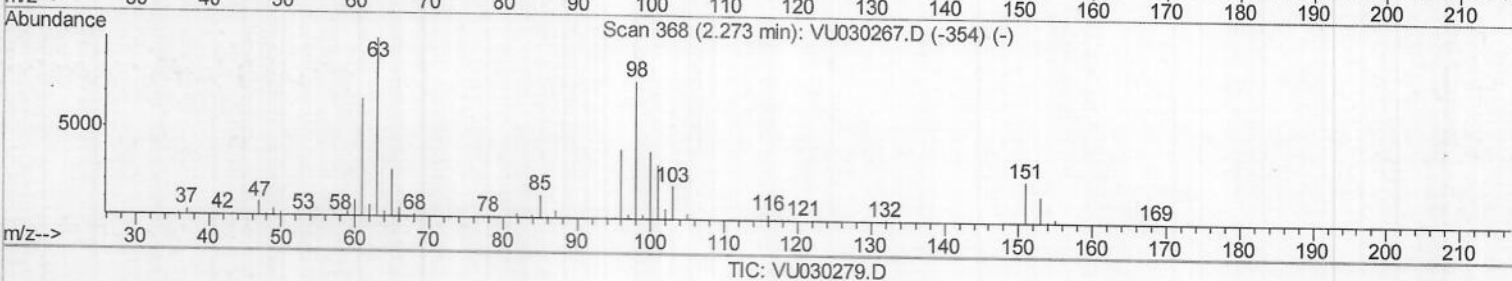
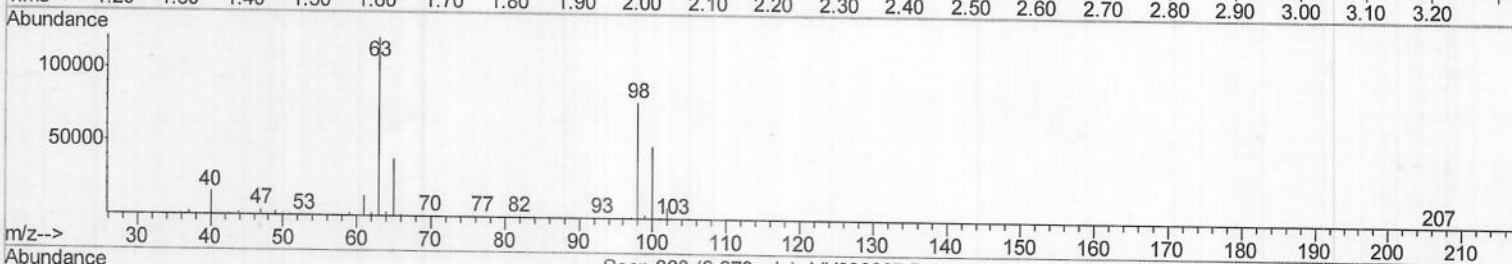
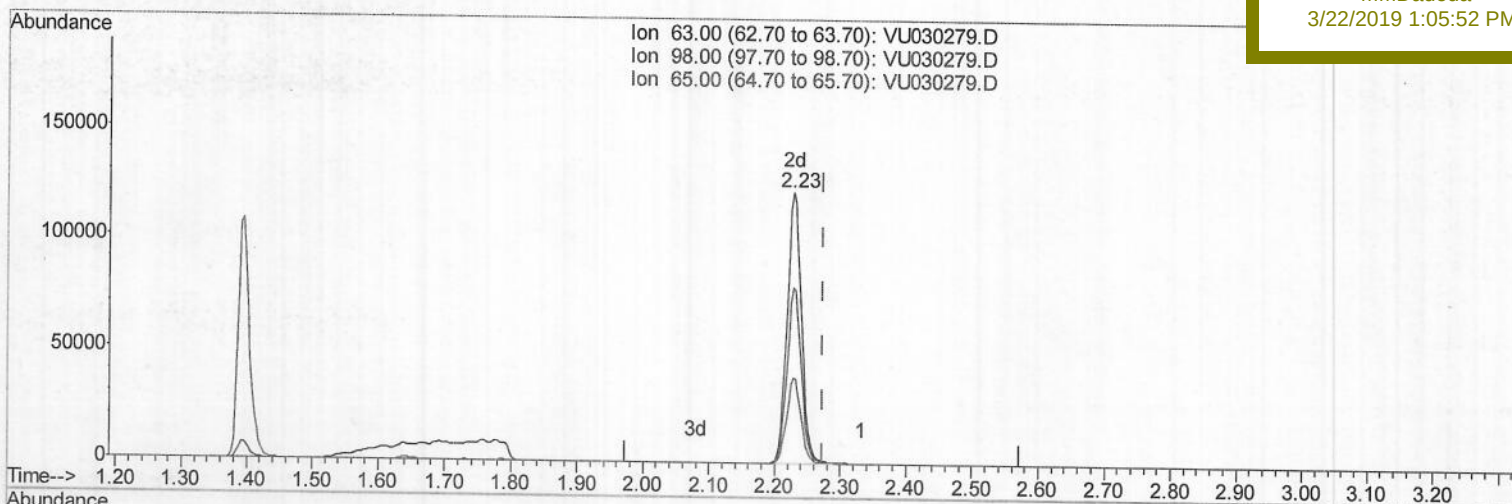
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(11) 1,1-Dichloroethene-d2 (S)

2.228min (-0.045) 28.03ug/L m

response 185422

| Ion | Exp% | Act% |
|-----|------|------|
|-----|------|------|

|       |     |     |
|-------|-----|-----|
| 63.00 | 100 | 100 |
|-------|-----|-----|

|       |       |       |
|-------|-------|-------|
| 98.00 | 83.00 | 0.34# |
|-------|-------|-------|

|       |       |       |
|-------|-------|-------|
| 65.00 | 23.80 | 0.00# |
|-------|-------|-------|

|      |      |      |
|------|------|------|
| 0.00 | 0.00 | 0.00 |
|------|------|------|

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Quantitation Report (Qedit)

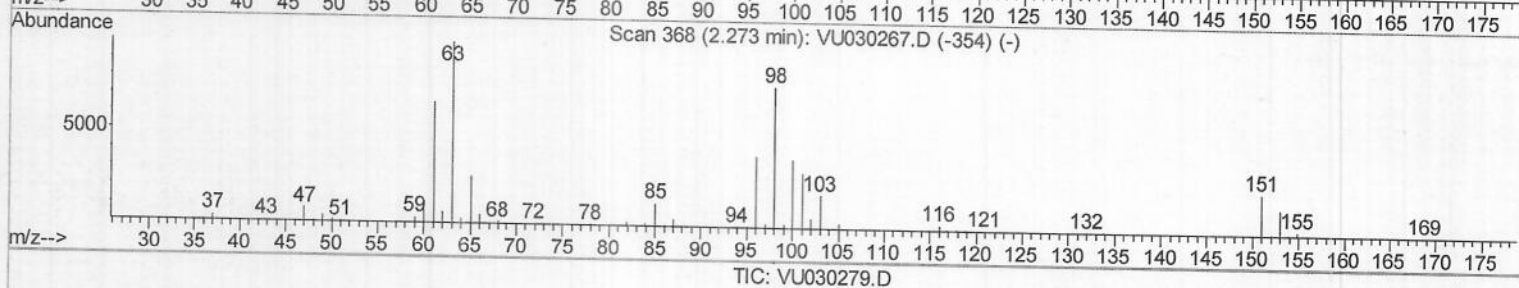
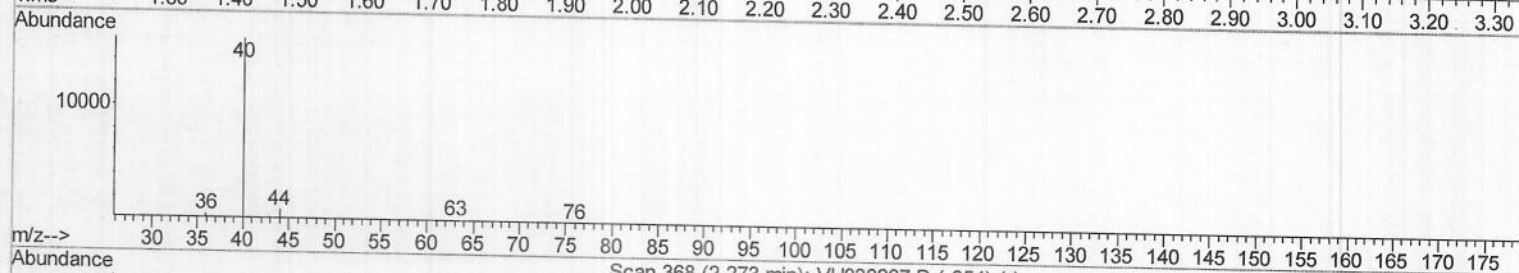
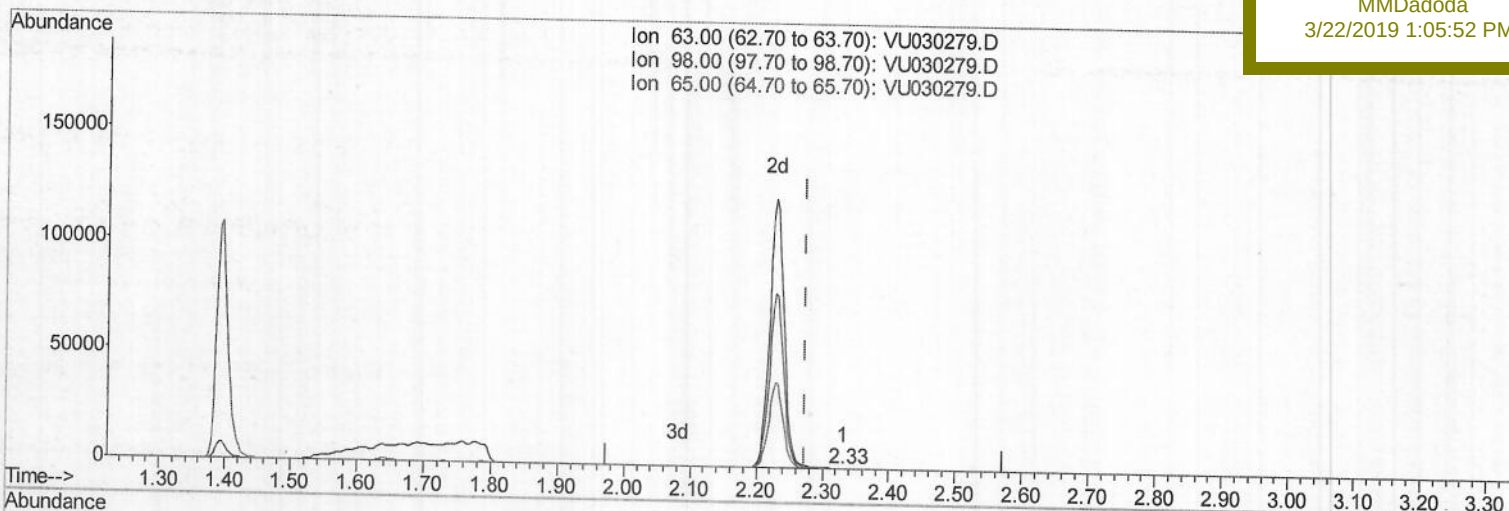
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Operator : JC/SP  
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Response via : Initial Calibration

Instrument :  
MSVOA\_U  
ClientSampleId :  
BF0D3ME

Manual Integrations  
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TIC: VU030279.D

(11) 1,1-Dichloroethene-d2 (S)

2.331min (+0.058) 0.02ug/L

response 133

| Ion   | Exp%  | Act%    |
|-------|-------|---------|
| 63.00 | 100   | 100     |
| 98.00 | 83.00 | 472.93# |
| 65.00 | 23.80 | 0.00#   |
| 0.00  | 0.00  | 0.00    |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\VU032119\  
Quantitation Report (Qedit)

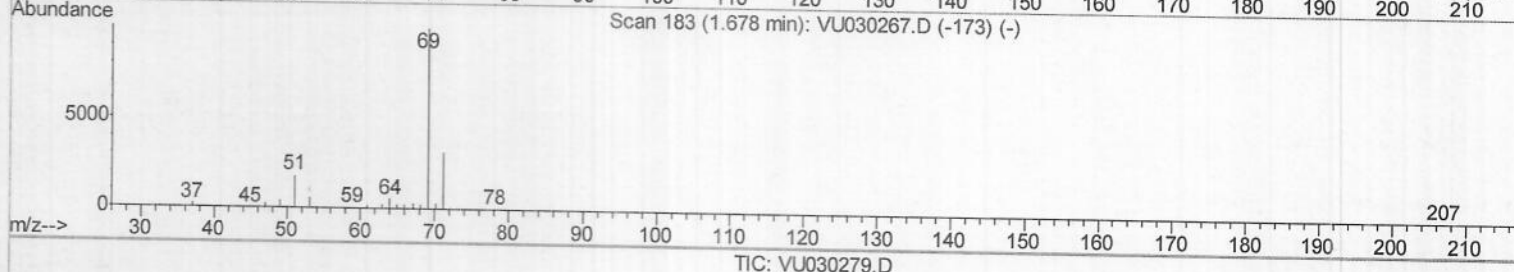
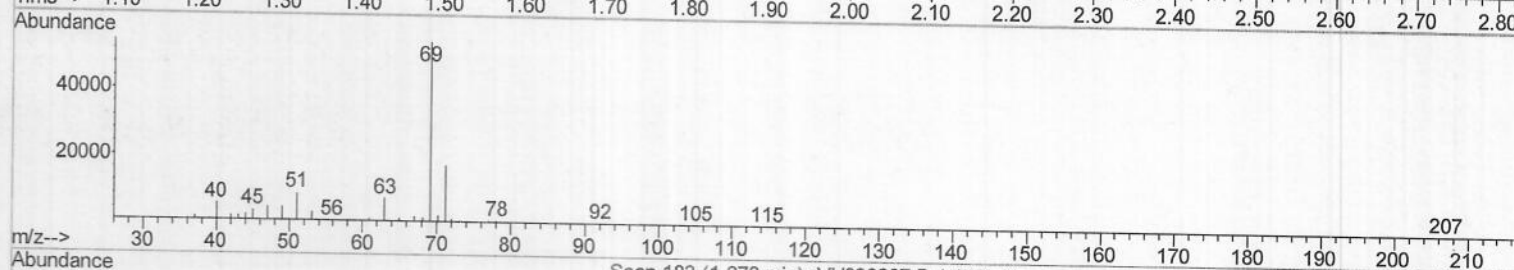
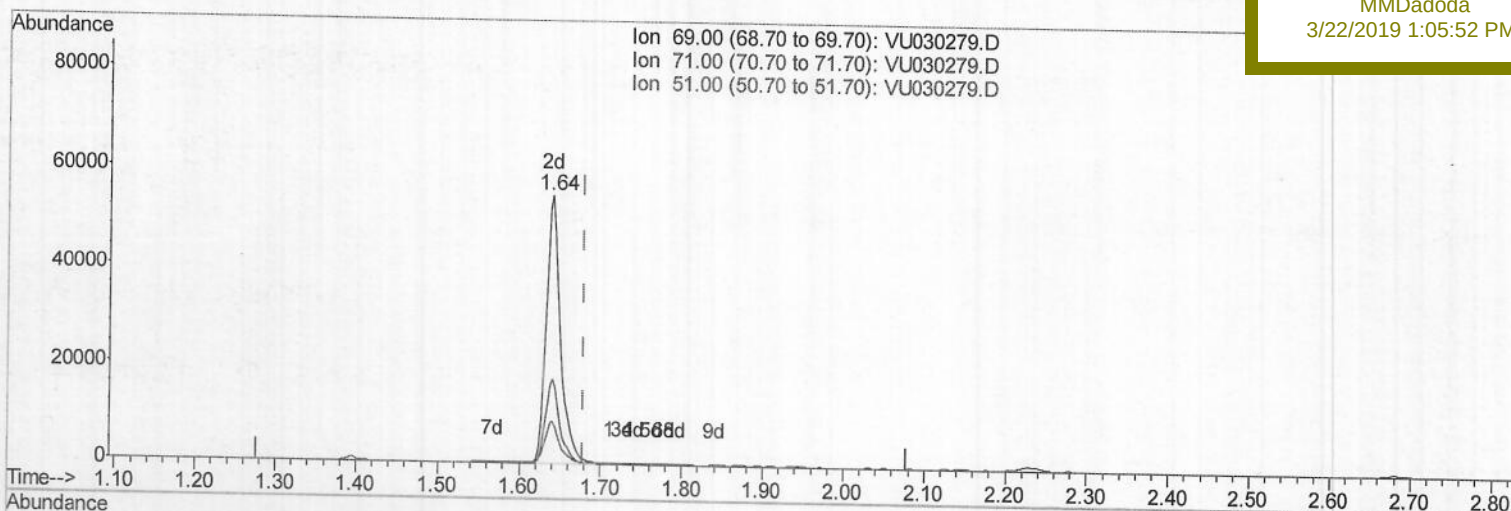
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ClientSampleId :  
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Manual Integrations  
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(7) Chloroethane-d5 (S)

1.640min (-0.038) 22.87ug/L m

response 66296

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 69.00 | 100   | 100   |
| 71.00 | 31.60 | 0.06# |
| 51.00 | 24.00 | 0.00# |
| 0.00  | 0.00  | 0.00  |

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Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\VU032119\  
Quantitation Report (Qedit)

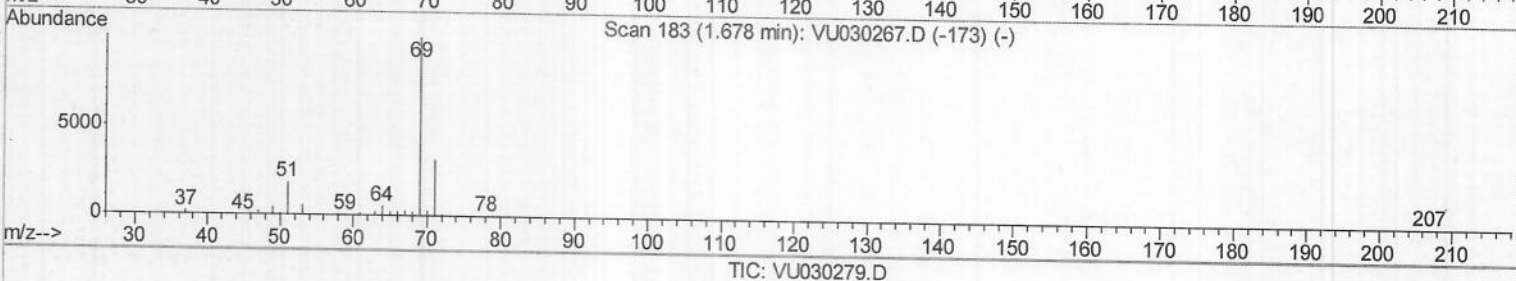
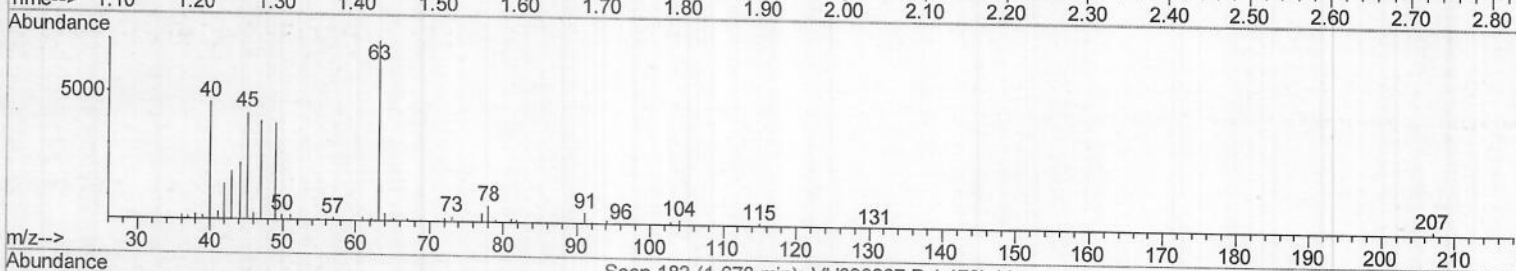
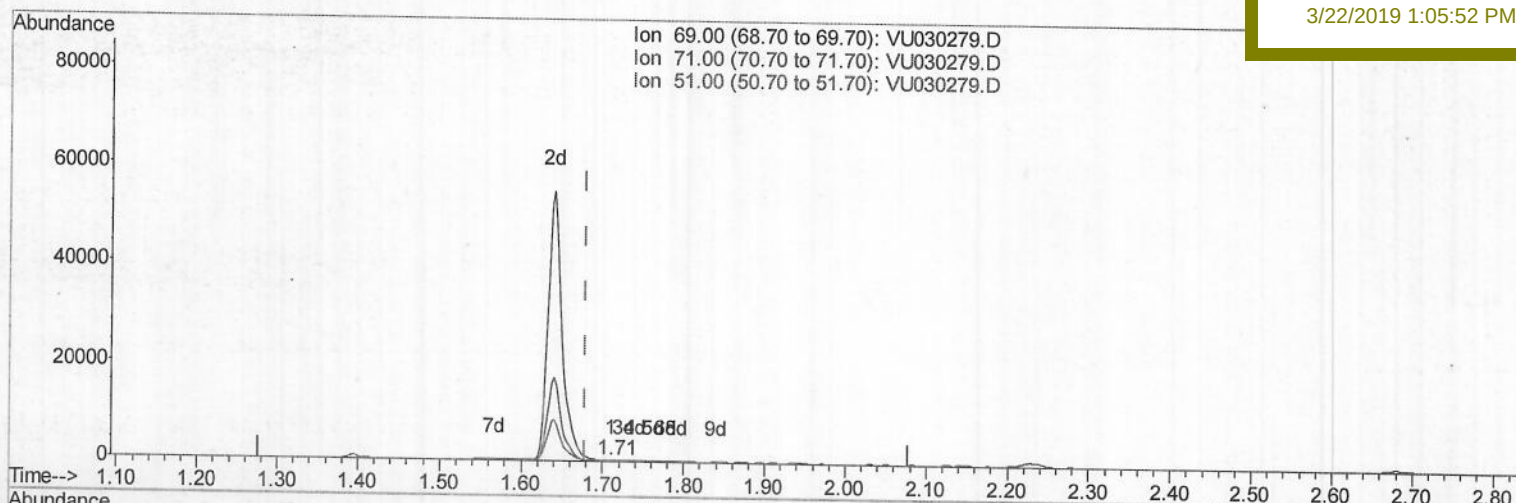
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Operator : JC/SP  
Sample : K1988-21ME  
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Quant Title : VOC Analysis  
QLast Update : Fri Mar 22 05:14:44 2019  
Response via : Initial Calibration

Instrument :  
MSVOA\_U  
ClientSampleId :  
BF0D3ME

Manual Integrations  
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(7) Chloroethane-d5 (S)

1.711min (+0.032) 0.04ug/L

response 121

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 69.00 | 100   | 100   |
| 71.00 | 31.60 | 33.88 |
| 51.00 | 24.00 | 0.00# |
| 0.00  | 0.00  | 0.00  |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032119\  
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 Quant Title : VOC Analysis  
 QLast Update : Fri Mar 22 05:14:44 2019  
 Response via : Initial Calibration

Instrument :  
 MSVOA\_U  
 Client Sampled :  
 BF0D3ME

Manual Integrations  
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| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev (Min) |
|----------------------------|-------|------|----------|-------|-------|-----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 536202   | 50.00 | ug/L  | 0.00      |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 537931   | 50.00 | ug/L  | 0.00      |
| 60) 1,4-Dichlorobenzene-d4 | 11.49 | 152  | 272682   | 50.00 | ug/L  | 0.00      |

## System Monitoring Compounds

|                                |                |     |            |         |      |       |
|--------------------------------|----------------|-----|------------|---------|------|-------|
| 4) Vinyl Chloride-d3           | 1.40           | 65  | 127760     | 35.24   | ug/L | 0.00  |
| Spiked Amount 50.000           | Range 60 - 135 |     | Recovery = | 70.48%  |      |       |
| 7) Chloroethane-d5             | 1.64           | 69  | 66296m     | 22.87   | ug/L | -0.04 |
| Spiked Amount 50.000           | Range 70 - 130 |     | Recovery = | 45.74%# |      |       |
| 11) 1,1-Dichloroethene-d2      | 2.23           | 63  | 185422m    | 28.03   | ug/L | -0.04 |
| Spiked Amount 50.000           | Range 60 - 125 |     | Recovery = | 56.06%# |      |       |
| 21) 2-Butanone-d5              | 4.19           | 46  | 277323     | 103.10  | ug/L | 0.02  |
| Spiked Amount 100.000          | Range 40 - 130 |     | Recovery = | 103.10% |      |       |
| 24) Chloroform-d               | 4.64           | 84  | 288358     | 43.34   | ug/L | 0.00  |
| Spiked Amount 50.000           | Range 70 - 125 |     | Recovery = | 86.68%  |      |       |
| 26) 1,2-Dichloroethane-d4      | 5.30           | 65  | 178850     | 47.13   | ug/L | 0.00  |
| Spiked Amount 50.000           | Range 70 - 125 |     | Recovery = | 94.26%  |      |       |
| 32) Benzene-d6                 | 5.33           | 84  | 606142     | 42.76   | ug/L | 0.00  |
| Spiked Amount 50.000           | Range 70 - 125 |     | Recovery = | 85.52%  |      |       |
| 36) 1,2-Dichloropropane-d6     | 6.32           | 67  | 199918     | 45.58   | ug/L | 0.00  |
| Spiked Amount 50.000           | Range 70 - 120 |     | Recovery = | 91.16%  |      |       |
| 41) Toluene-d8                 | 7.56           | 98  | 529634     | 39.74   | ug/L | 0.00  |
| Spiked Amount 50.000           | Range 80 - 120 |     | Recovery = | 79.48%# |      |       |
| 43) trans-1,3-Dichloropropene- | 7.85           | 79  | 89292      | 41.81   | ug/L | 0.00  |
| Spiked Amount 50.000           | Range 60 - 125 |     | Recovery = | 83.62%  |      |       |
| 47) 2-Hexanone-d5              | 8.32           | 63  | 249077     | 109.51  | ug/L | 0.02  |
| Spiked Amount 100.000          | Range 45 - 130 |     | Recovery = | 109.51% |      |       |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43          | 84  | 358549     | 53.29   | ug/L | 0.00  |
| Spiked Amount 50.000           | Range 65 - 120 |     | Recovery = | 106.58% |      |       |
| 64) 1,2-Dichlorobenzene-d4     | 11.86          | 152 | 258085     | 47.14   | ug/L | 0.00  |
| Spiked Amount 50.000           | Range 80 - 120 |     | Recovery = | 94.28%  |      |       |

| Target Compounds    | R.T. | QIon | Response | Conc    | Units | Ovalue |
|---------------------|------|------|----------|---------|-------|--------|
| 34) Trichloroethene | 6.18 | 95   | 502112   | 122.746 | ug/L  | 98     |

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

M.D  
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