

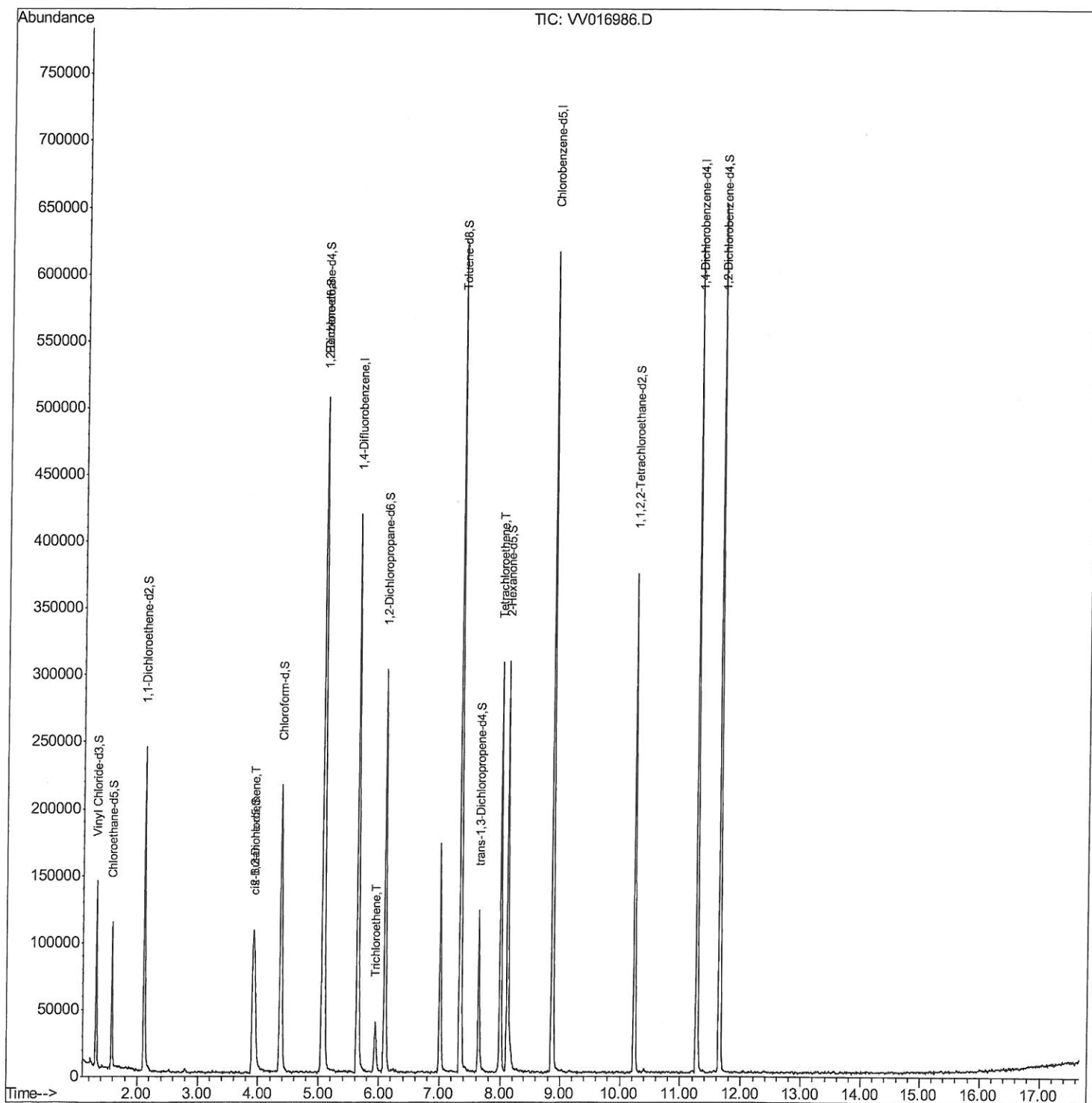
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061820\  
Data File : VV016986.D  
Acq On : 18 Jun 2020 18:38  
Operator : SY/MD  
Sample : L3039-05  
Misc : 5.0mL/MSVOA V/WATER  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampled :  
F9M08

Manual Integrations  
APPROVED

MMDadoda  
6/19/2020 3:03:06 PM

Quant Time: Jun 19 07:08:50 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM060820WMA.M  
Quant Title : VOC Analysis  
QLast Update : Fri Jun 19 04:33:43 2020  
Response via : Initial Calibration



# Quantitation Report (Qedit)

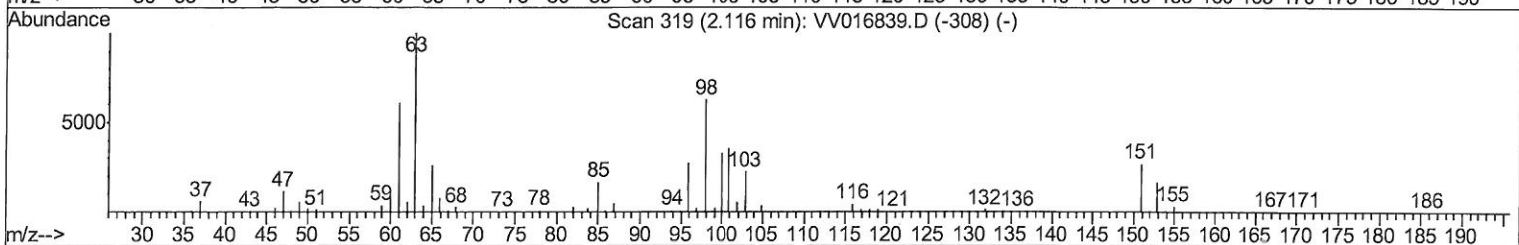
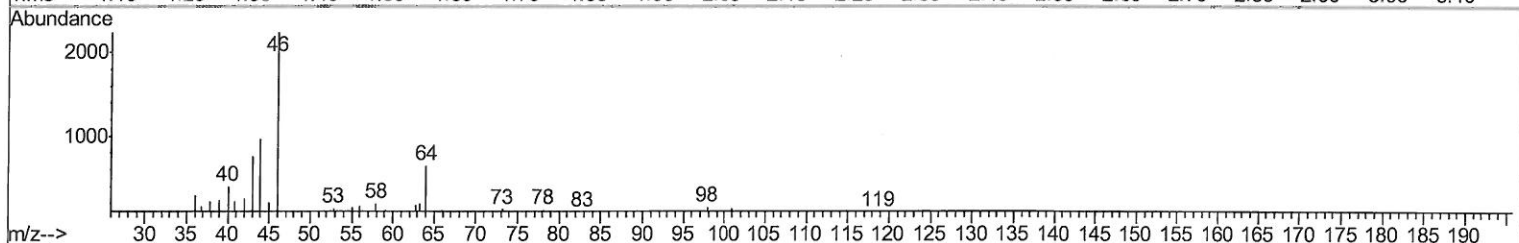
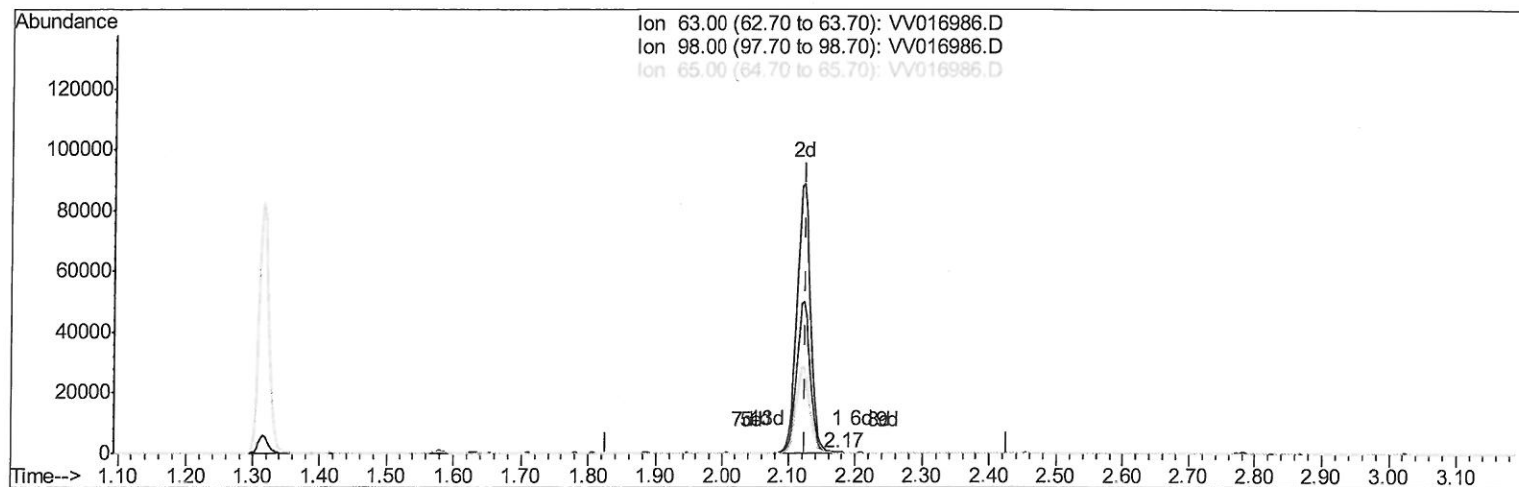
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TIC: VV016986.D

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

2.174min (+0.048) 0.06ug/L

response 248

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 63.00 | 100   | 100   |
| 98.00 | 67.20 | 59.27 |
| 65.00 | 24.40 | 27.82 |
| 0.00  | 0.00  | 0.00  |

## Quantitation Report (Qedit)

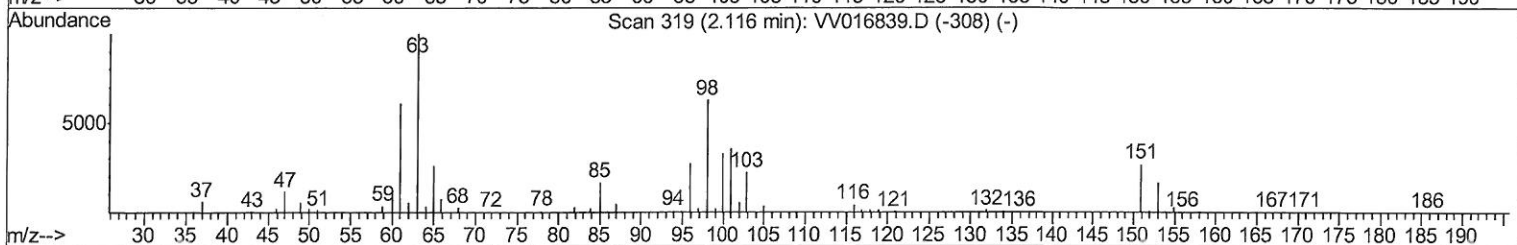
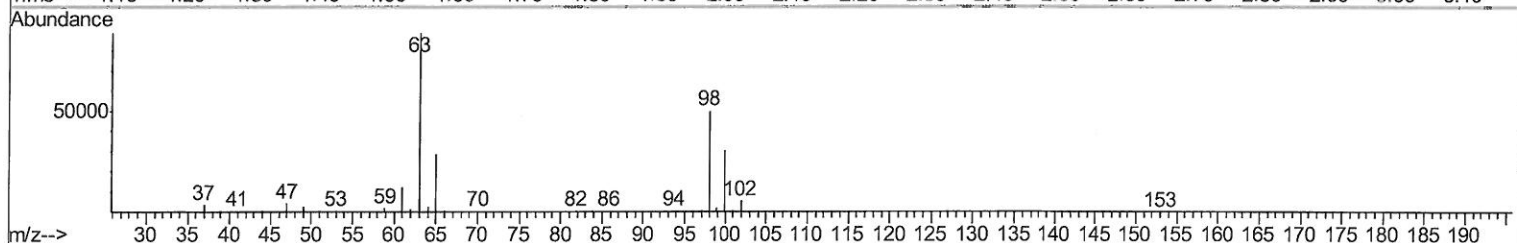
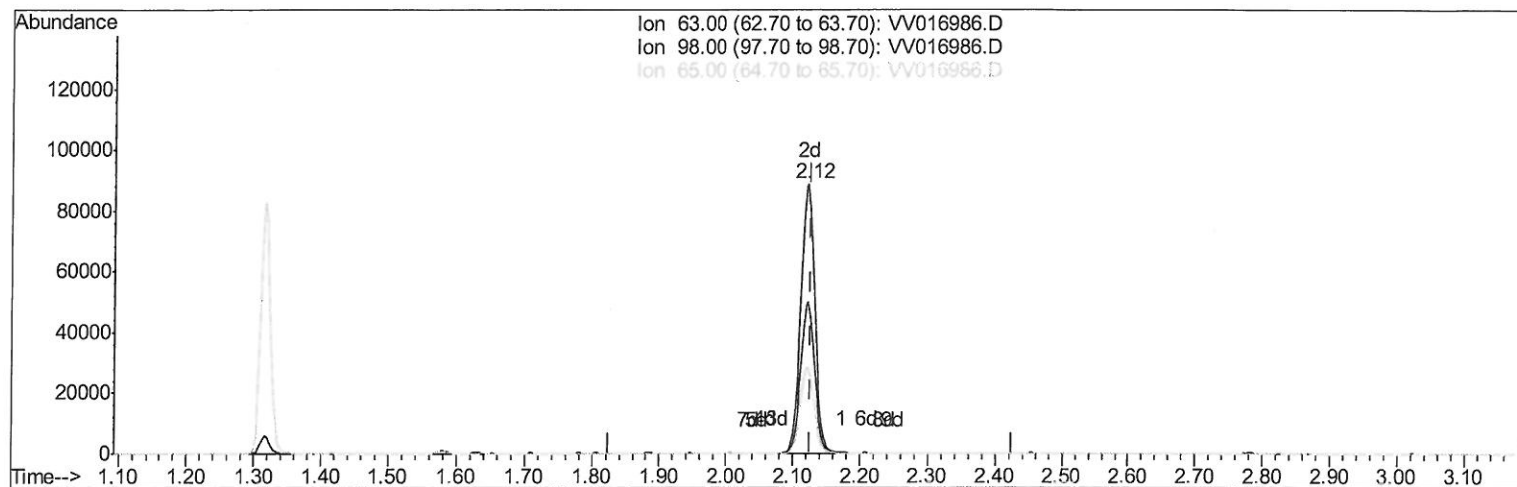
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TIC: VV016986.D

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

2.122min (-0.003) 31.36ug/L m

response 128227

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 63.00 | 100   | 100   |
| 98.00 | 67.20 | 0.11# |
| 65.00 | 24.40 | 0.05# |
| 0.00  | 0.00  | 0.00  |

MD  
06/23/20

# Quantitation Report (Qedit)

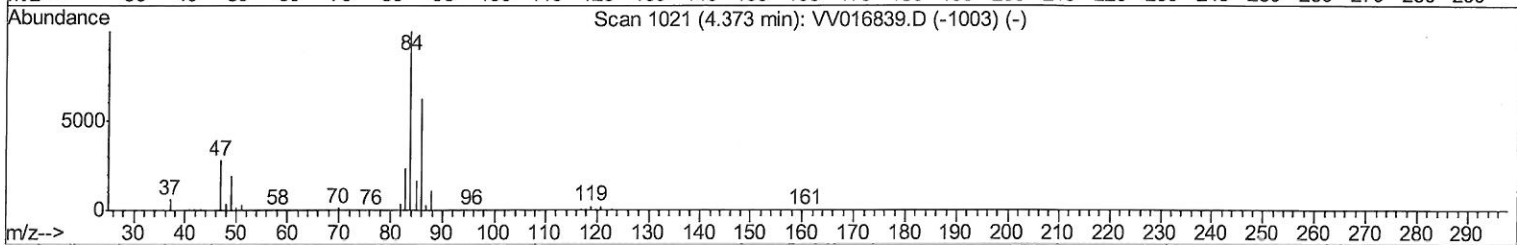
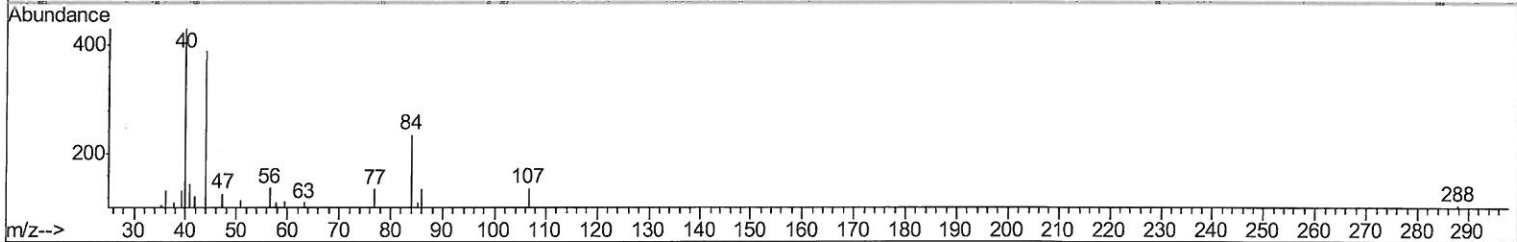
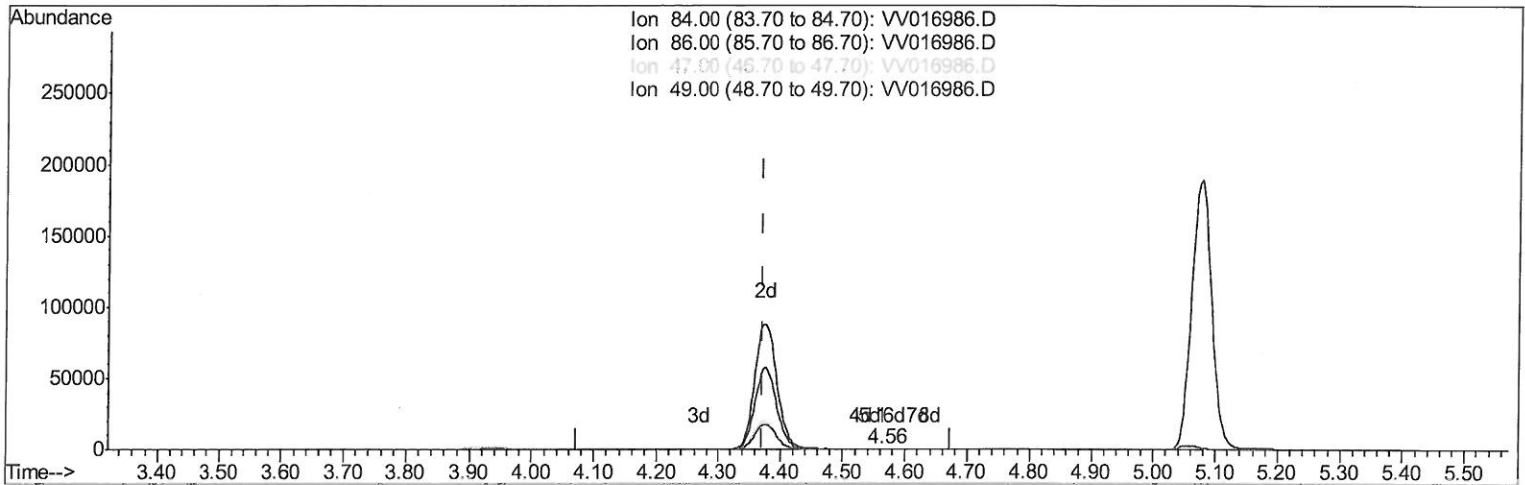
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TIC: VV016986.D

(24) Chloroform-d (S)

4.563min (+0.190) 0.04ug/L

response 208

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 84.00 | 100   | 100   |
| 86.00 | 62.80 | 45.19 |
| 47.00 | 44.50 | 49.04 |
| 49.00 | 27.40 | 31.25 |

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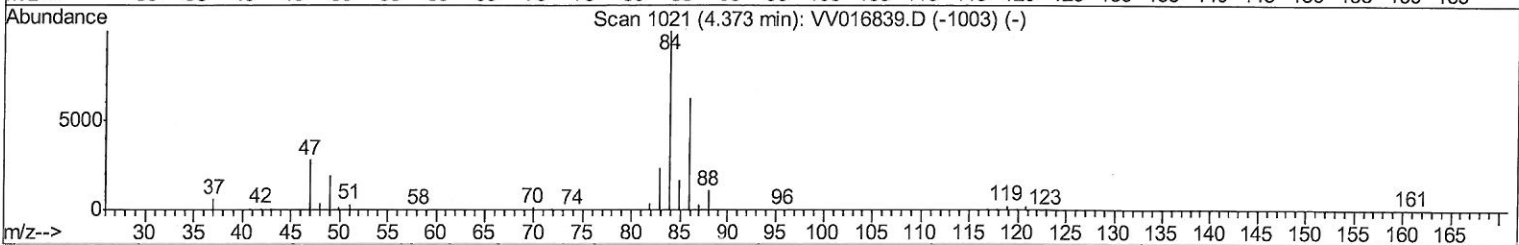
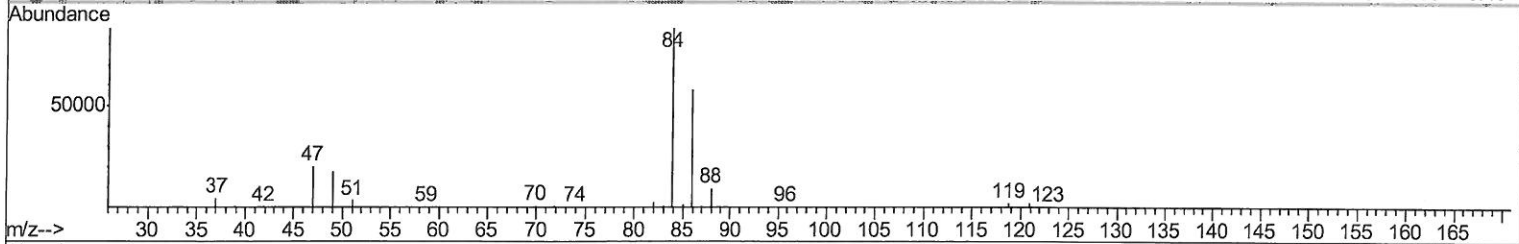
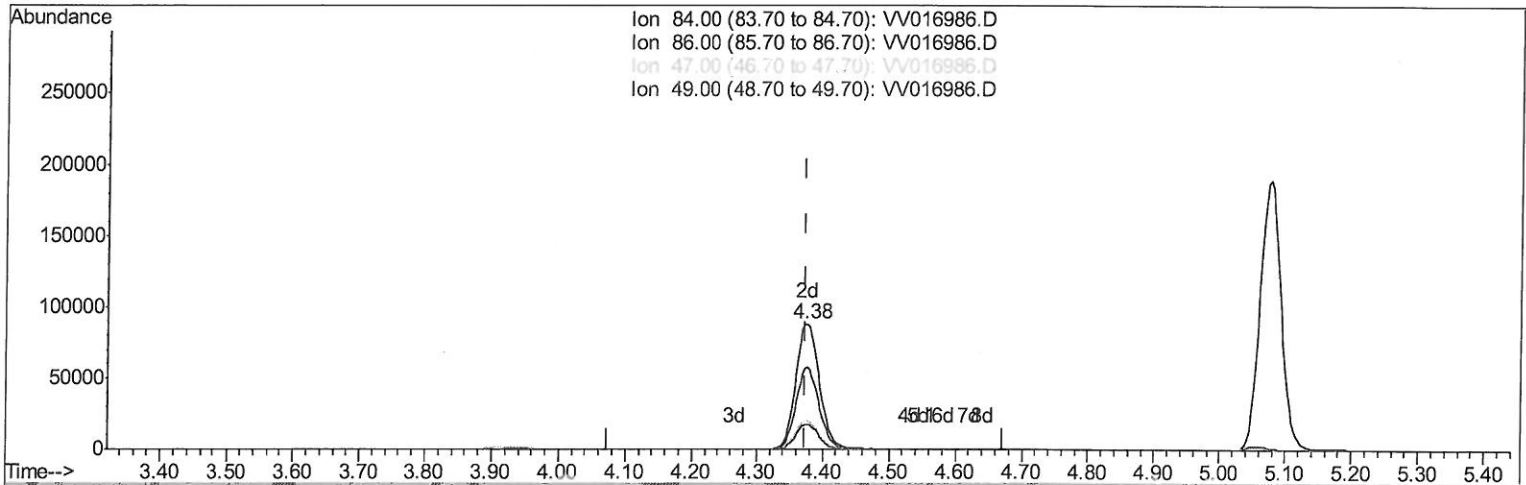
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Instrument :  
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Manual Integrations  
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TIC: VV016986.D

(24) Chloroform-d (S)

4.376min (+0.003) 43.92ug/L m

response 217441

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 84.00 | 100   | 100   |
| 86.00 | 62.80 | 0.04# |
| 47.00 | 44.50 | 0.05# |
| 49.00 | 27.40 | 0.03# |

MD  
 06/23/20

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| Internal Standards             | R.T.           | QIon | Response   | Conc    | Units | Dev(Min) |
|--------------------------------|----------------|------|------------|---------|-------|----------|
| 1) 1,4-Difluorobenzene         | 5.64           | 114  | 345082     | 50.00   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5           | 8.87           | 117  | 323869     | 50.00   | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4     | 11.27          | 152  | 150821     | 50.00   | ug/L  | 0.00     |
| System Monitoring Compounds    |                |      |            |         |       |          |
| 4) Vinyl Chloride-d3           | 1.32           | 65   | 82084      | 33.71   | ug/L  | 0.00     |
| Spiked Amount 50.000           | Range 60 - 135 |      | Recovery = | 67.42%  |       |          |
| 7) Chloroethane-d5             | 1.58           | 69   | 60543      | 41.44   | ug/L  | 0.00     |
| Spiked Amount 50.000           | Range 70 - 130 |      | Recovery = | 82.88%  |       |          |
| 11) 1,1-Dichloroethene-d2      | 2.12           | 63   | 128227m    | 31.36   | ug/L  | 0.00     |
| Spiked Amount 50.000           | Range 60 - 125 |      | Recovery = | 62.72%  |       |          |
| 21) 2-Butanone-d5              | 3.91           | 46   | 162636     | 90.24   | ug/L  | 0.00     |
| Spiked Amount 100.000          | Range 40 - 130 |      | Recovery = | 90.24%  |       |          |
| 24) Chloroform-d               | 4.38           | 84   | 217441m    | 43.92   | ug/L  | 0.00     |
| Spiked Amount 50.000           | Range 70 - 125 |      | Recovery = | 87.84%  |       |          |
| 26) 1,2-Dichloroethane-d4      | 5.06           | 65   | 156652     | 46.51   | ug/L  | 0.00     |
| Spiked Amount 50.000           | Range 70 - 125 |      | Recovery = | 93.02%  |       |          |
| 32) Benzene-d6                 | 5.08           | 84   | 421990     | 45.20   | ug/L  | 0.00     |
| Spiked Amount 50.000           | Range 70 - 125 |      | Recovery = | 90.40%  |       |          |
| 36) 1,2-Dichloropropane-d6     | 6.09           | 67   | 134650     | 46.27   | ug/L  | 0.00     |
| Spiked Amount 50.000           | Range 70 - 120 |      | Recovery = | 92.54%  |       |          |
| 41) Toluene-d8                 | 7.34           | 98   | 384376     | 44.87   | ug/L  | 0.00     |
| Spiked Amount 50.000           | Range 80 - 120 |      | Recovery = | 89.74%  |       |          |
| 43) trans-1,3-Dichloropropene- | 7.64           | 79   | 66139      | 43.64   | ug/L  | 0.00     |
| Spiked Amount 50.000           | Range 60 - 125 |      | Recovery = | 87.28%  |       |          |
| 47) 2-Hexanone-d5              | 8.11           | 63   | 98386      | 77.55   | ug/L  | 0.00     |
| Spiked Amount 100.000          | Range 45 - 130 |      | Recovery = | 77.55%  |       |          |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24          | 84   | 167977     | 43.60   | ug/L  | 0.00     |
| Spiked Amount 50.000           | Range 65 - 120 |      | Recovery = | 87.20%  |       |          |
| 64) 1,2-Dichlorobenzene-d4     | 11.65          | 152  | 161769     | 50.26   | ug/L  | 0.00     |
| Spiked Amount 50.000           | Range 80 - 120 |      | Recovery = | 100.52% |       |          |
| Target Compounds               |                |      |            |         |       |          |
| 20) cis-1,2-Dichloroethene     | 3.94           | 96   | 28907      | 11.354  | ug/L  | 98       |
| 34) Trichloroethene            | 5.94           | 95   | 8372       | 3.258   | ug/L  | 87       |
| 46) Tetrachloroethene          | 8.00           | 164  | 65973      | 32.640  | ug/L  | 97       |

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