

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\VU050219\  
Quantitation Report (QT Reviewed)

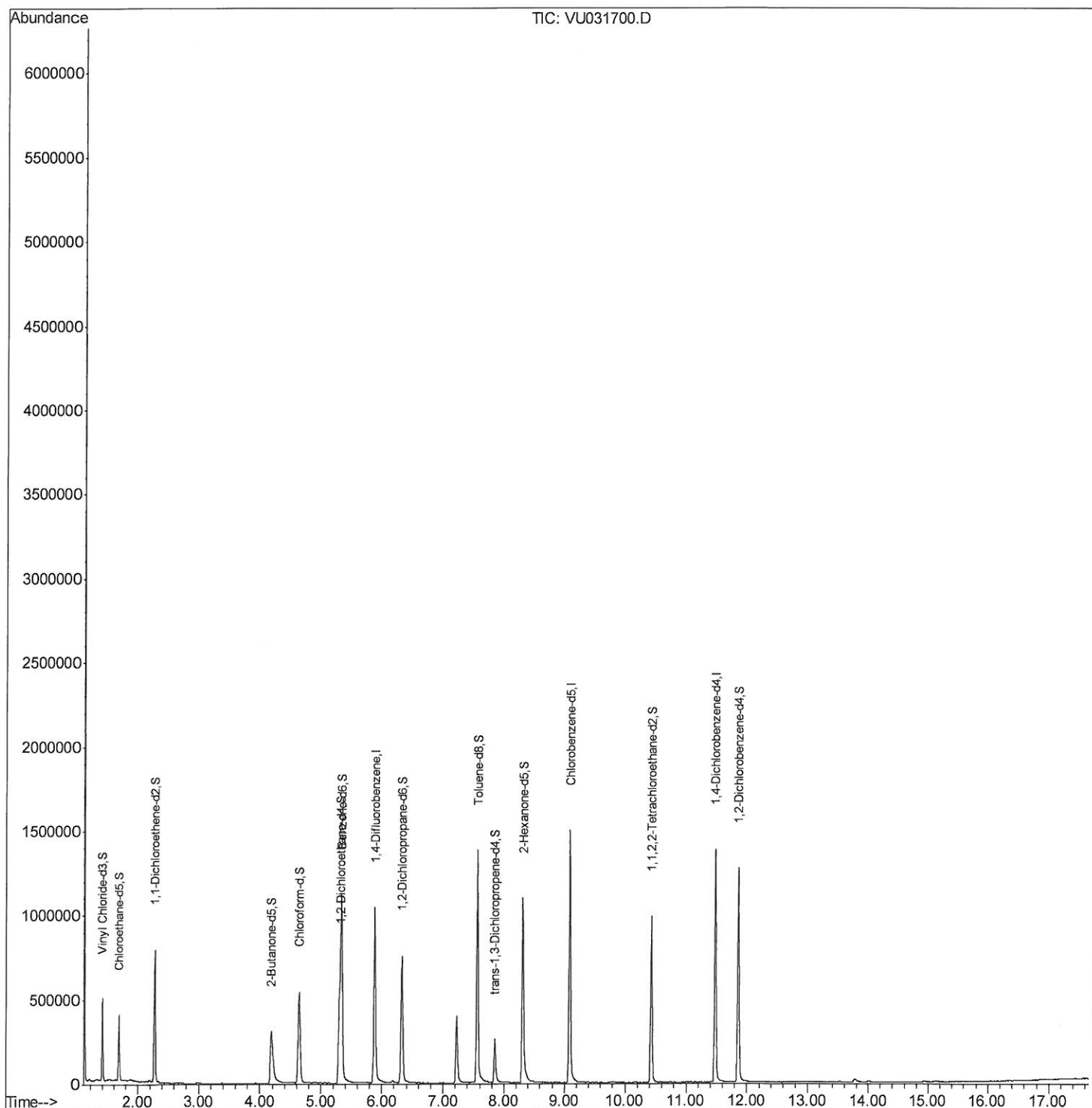
Data File : VU031700.D  
Acq On : 02 May 2019 10:29  
Operator : JC/SP  
Sample : VU0502MBL01  
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA\_U/MEOH  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
VBLK53

Manual Integrations  
APPROVED

MMDadoda  
5/3/2019 10:39:31 AM

Quant Time: May 03 04:45:35 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM042719WMA.M  
Quant Title : VOC Analysis  
QLast Update : Fri May 03 04:37:29 2019  
Response via : Initial Calibration



Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\VU050219\  
Quantitation Report (Qedit)

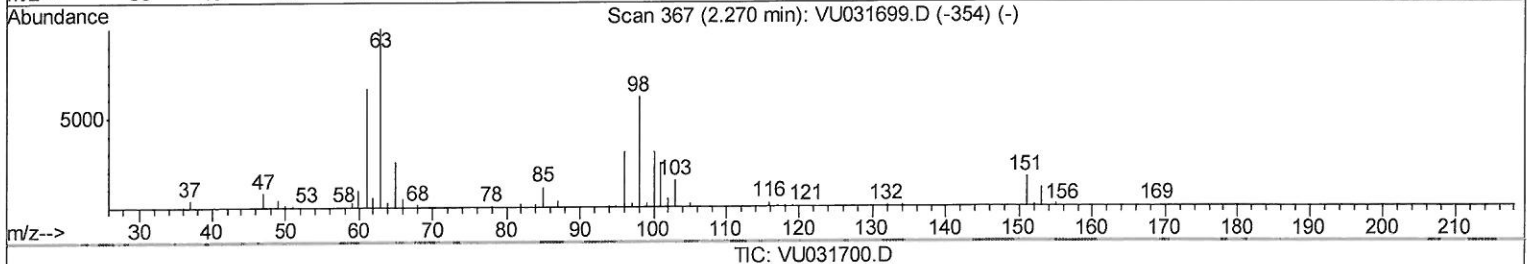
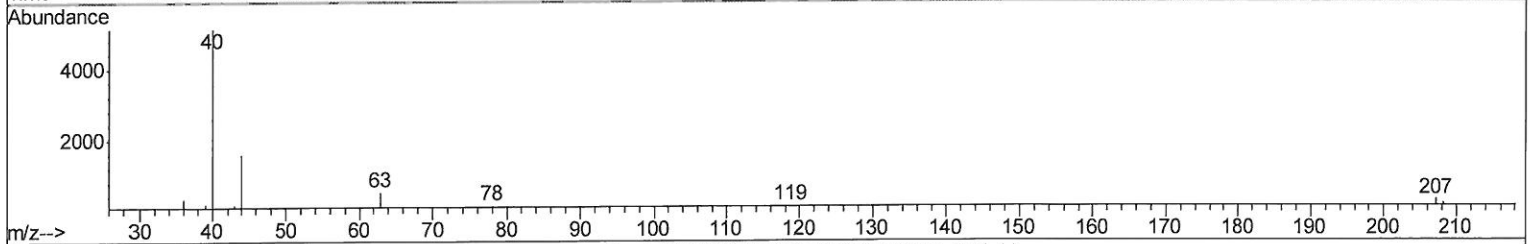
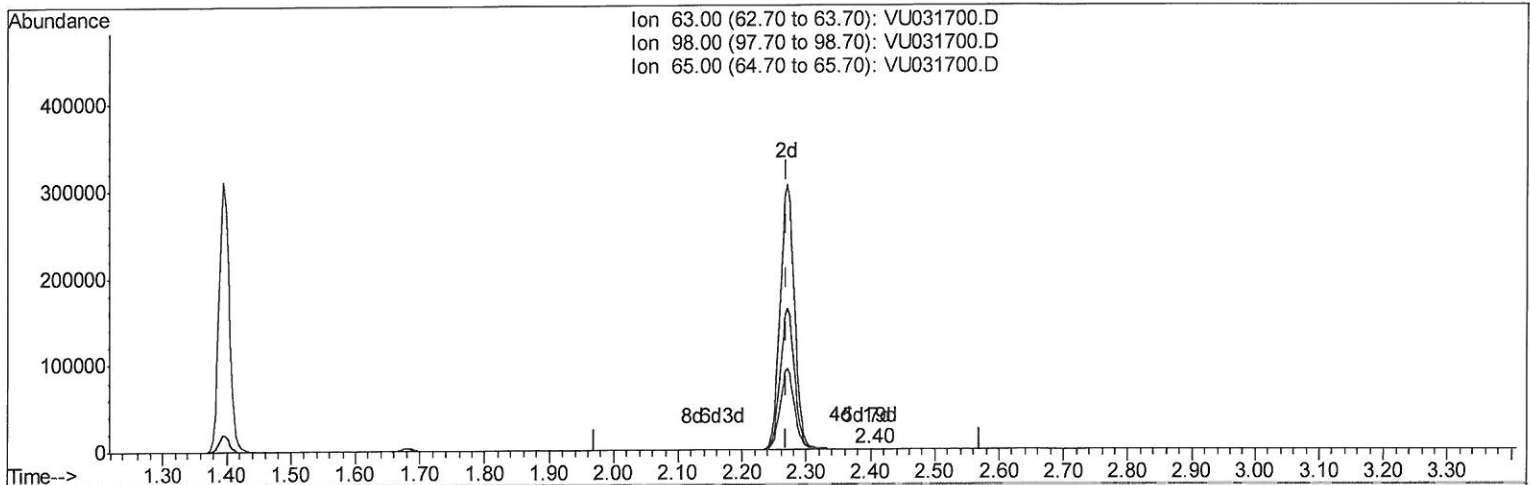
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TIC: VU031700.D

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

2.399min (+0.129) 0.02ug/L

response 302

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 63.00 | 100   | 100   |
| 98.00 | 66.60 | 58.61 |
| 65.00 | 23.40 | 22.19 |
| 0.00  | 0.00  | 0.00  |

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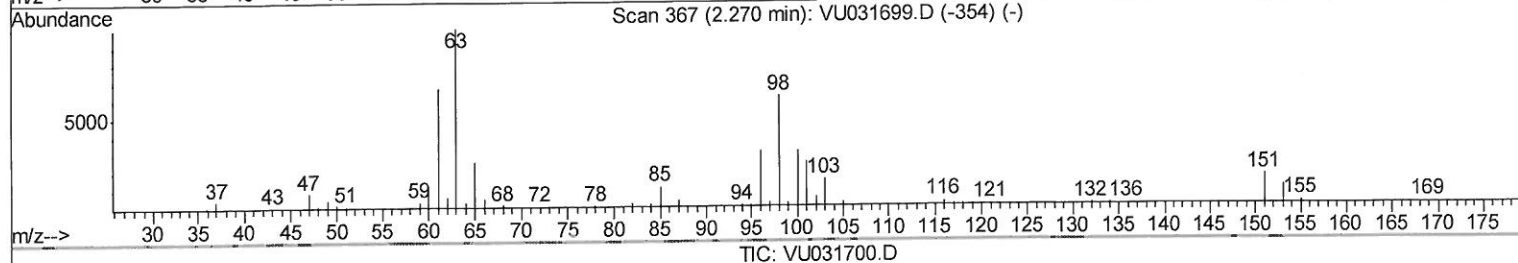
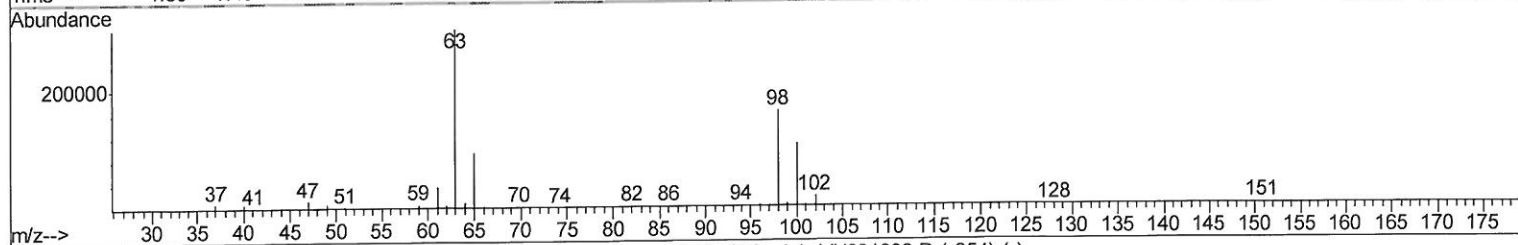
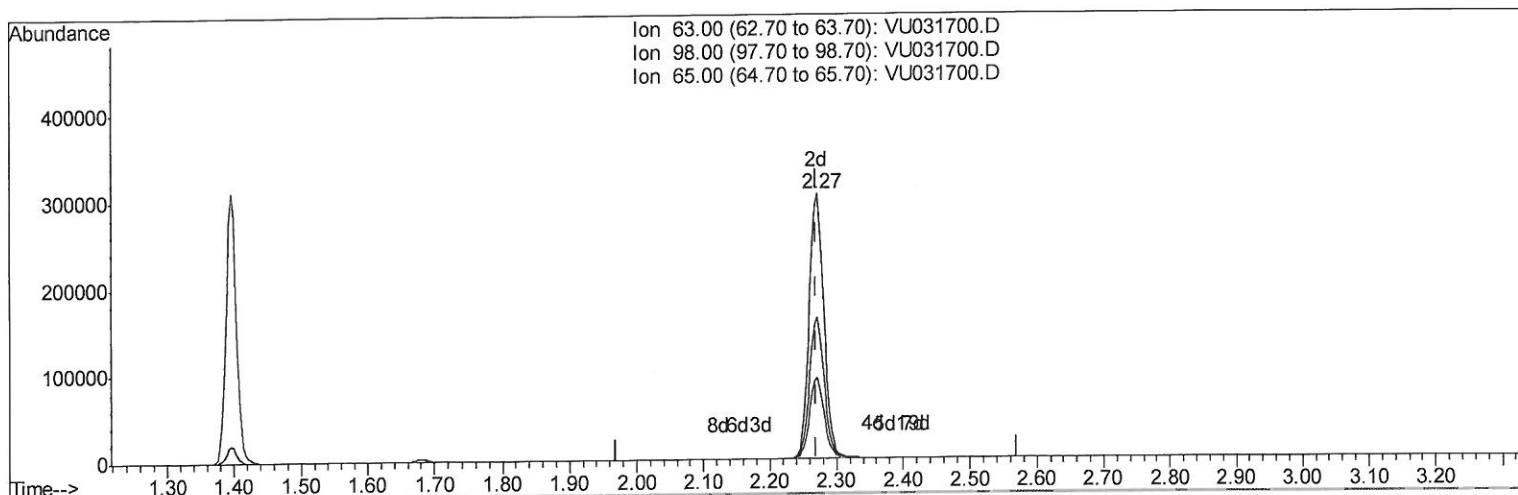
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(11) 1,1-Dichloroethene-d2 (S)

2.270min (+0.000) 31.85ug/L m

response 466501

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 63.00 | 100   | 100   |
| 98.00 | 66.60 | 0.04# |
| 65.00 | 23.40 | 0.01# |
| 0.00  | 0.00  | 0.00  |

> MD  
5/6/19

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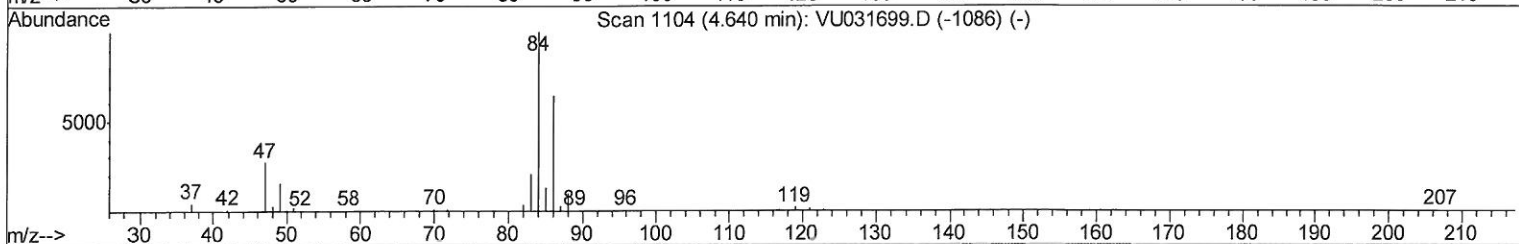
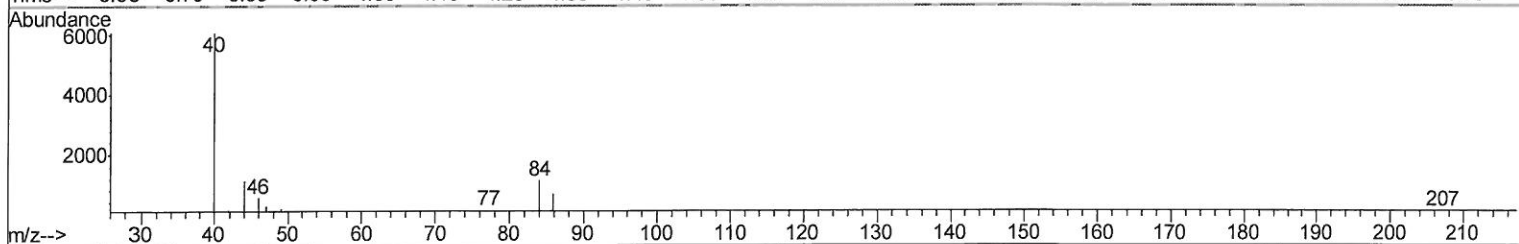
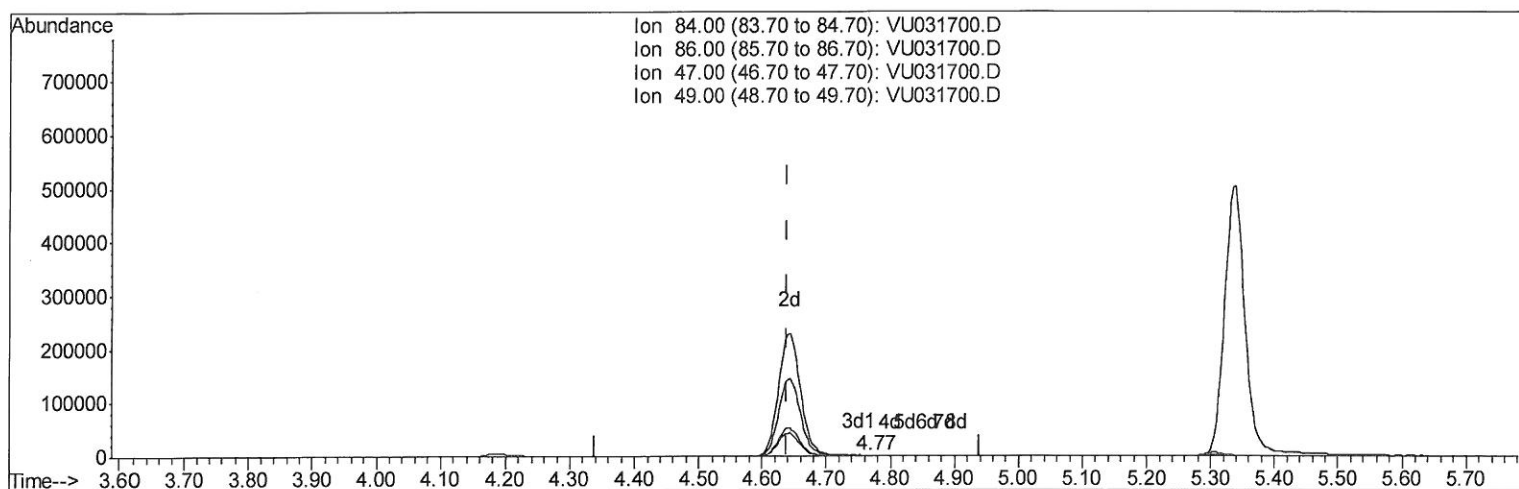
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TIC: VU031700.D

(24) Chloroform-d (S)

4.768min (+0.129) 0.03ug/L

response 438

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 84.00 | 100   | 100   |
| 86.00 | 62.50 | 52.74 |
| 47.00 | 45.70 | 40.18 |
| 49.00 | 27.20 | 22.83 |

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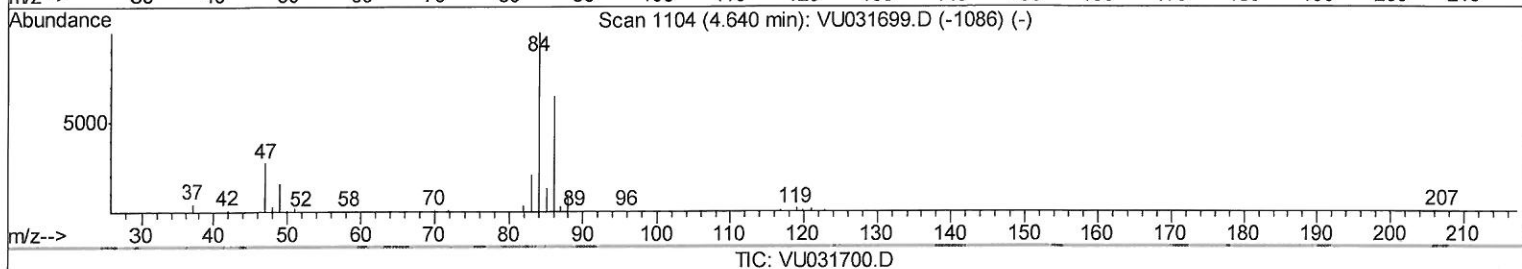
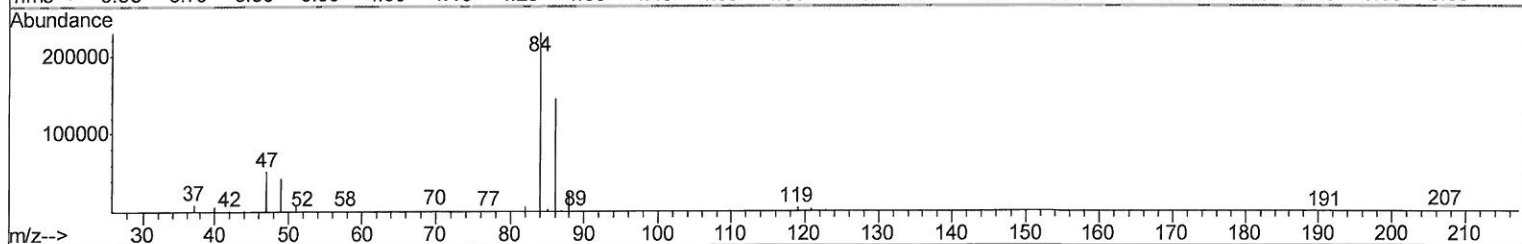
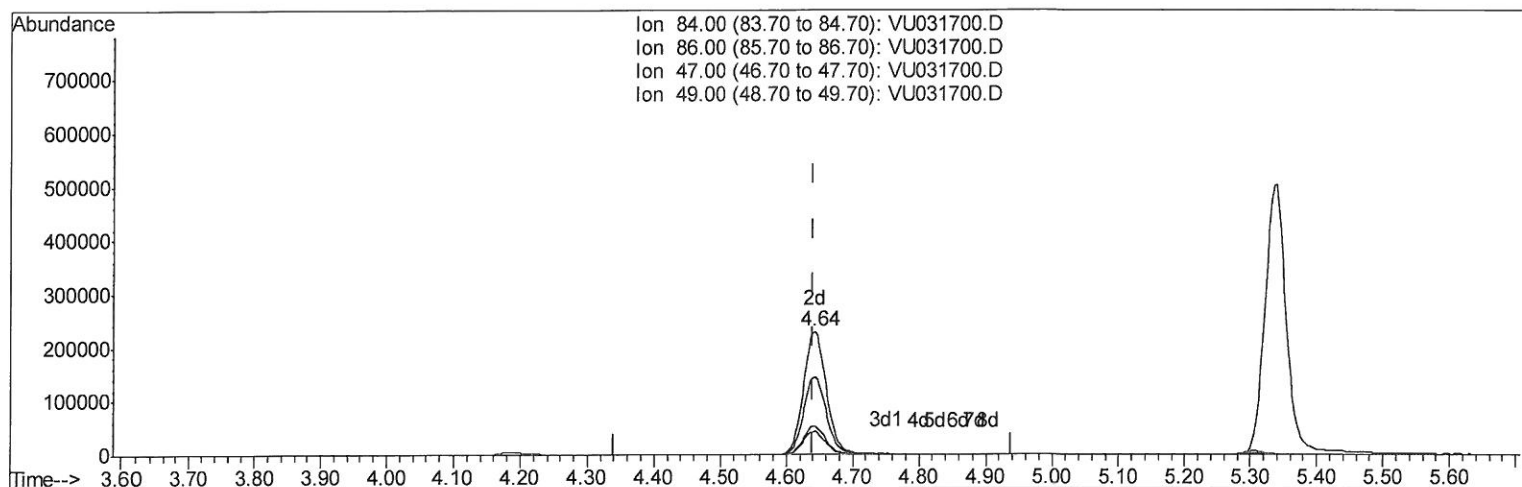
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Manual Integrations  
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(24) Chloroform-d (S)

4.643min (+0.003) 40.61ug/L m

response 547083

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 84.00 | 100   | 100   |
| 86.00 | 62.50 | 0.04# |
| 47.00 | 45.70 | 0.03# |
| 49.00 | 27.20 | 0.02# |

> MD  
5/6/19

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| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 878856   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 832608   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 349897   | 50.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40    | 65    | 329232   | 44.76    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 89.52%  |
| 7) Chloroethane-d5             | 1.68    | 69    | 265649   | 46.74    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 93.48%  |
| 11) 1,1-Dichloroethene-d2      | 2.27    | 63    | 466501m  | 31.85    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 63.70%  |
| 21) 2-Butanone-d5              | 4.18    | 46    | 642558   | 96.42    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 96.42%  |
| 24) Chloroform-d               | 4.64    | 84    | 547083m  | 40.61    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 81.22%  |
| 26) 1,2-Dichloroethane-d4      | 5.31    | 65    | 366803   | 41.68    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 83.36%  |
| 32) Benzene-d6                 | 5.34    | 84    | 1109209  | 43.38    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 86.76%  |
| 36) 1,2-Dichloropropane-d6     | 6.32    | 67    | 390383   | 43.40    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 86.80%  |
| 41) Toluene-d8                 | 7.56    | 98    | 950207   | 42.67    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 85.34%  |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 158144   | 40.96    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 81.92%  |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 403063   | 103.53   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 103.53% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43   | 84    | 519965   | 43.07    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 86.14%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.86   | 152   | 333265   | 45.29    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 90.58%  |

MO  
 5/6/19

Target Compounds Qvalue

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