

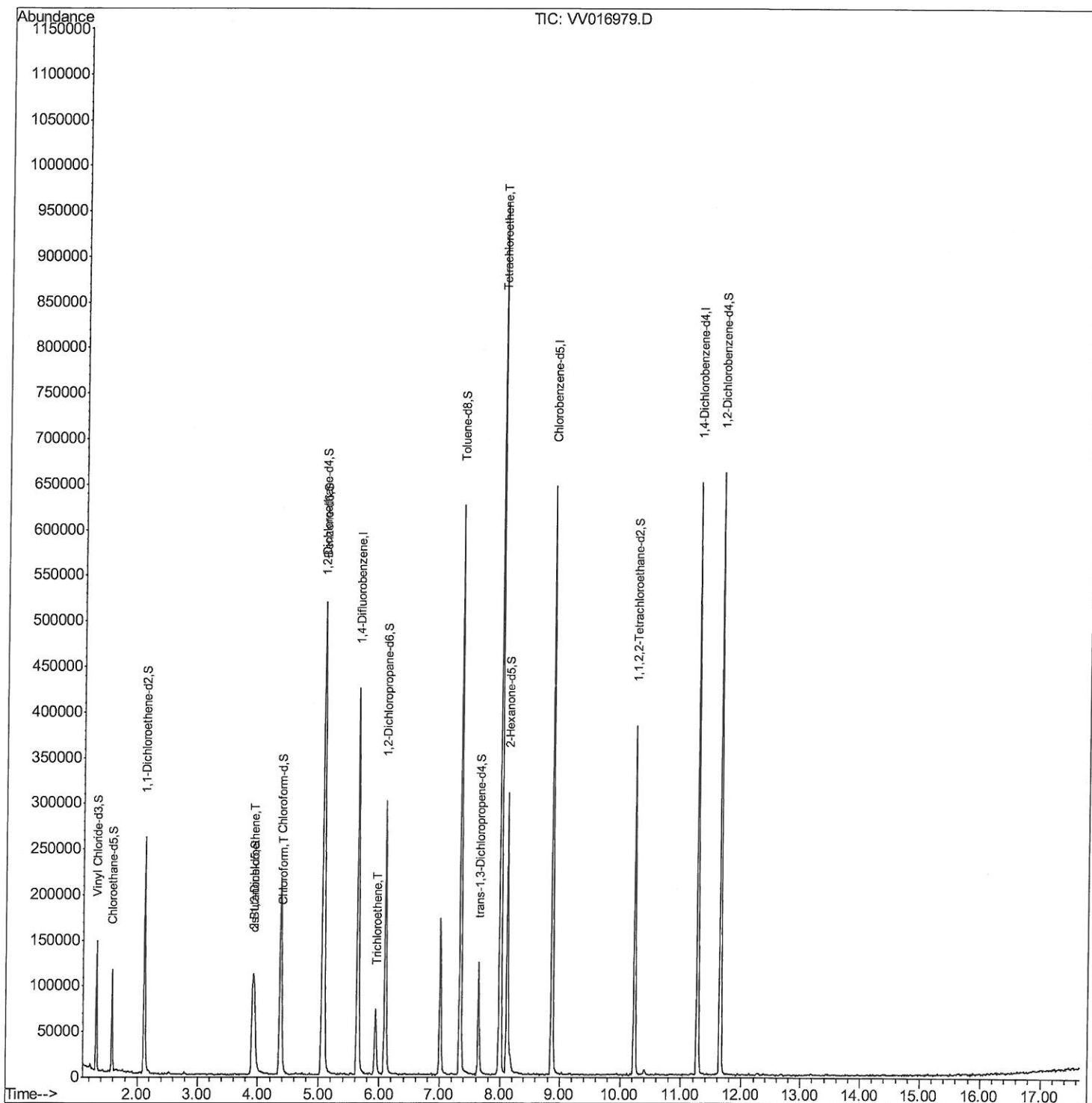
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061820\  
Data File : VV016979.D  
Acq On : 18 Jun 2020 15:09  
Operator : SY/MD  
Sample : L3039-08  
Misc : 5.0mL/MSVOA V/WATER  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
F9M15

Manual Integrations  
APPROVED

MMDadoda  
6/19/2020 3:02:45 PM

Quant Time: Jun 19 06:33:07 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)

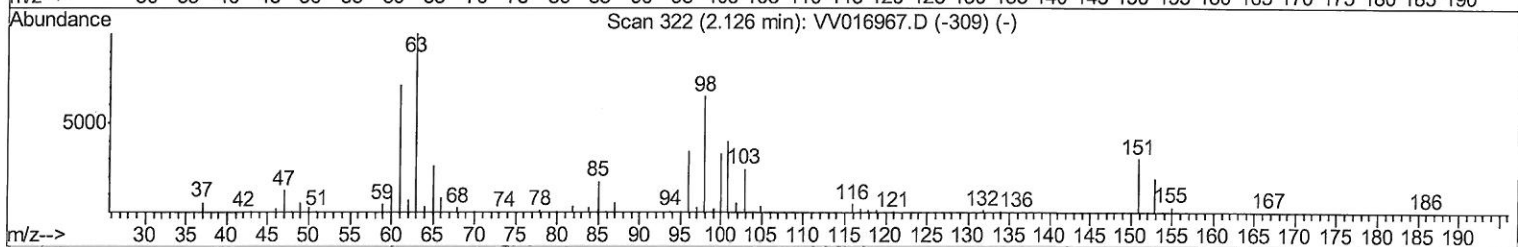
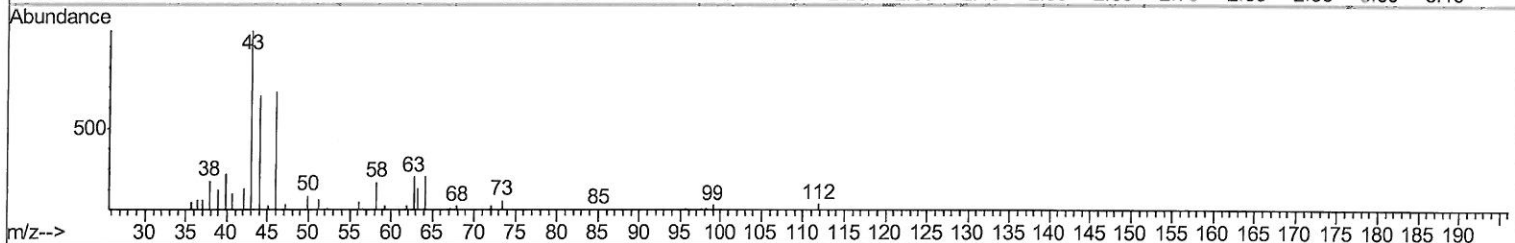
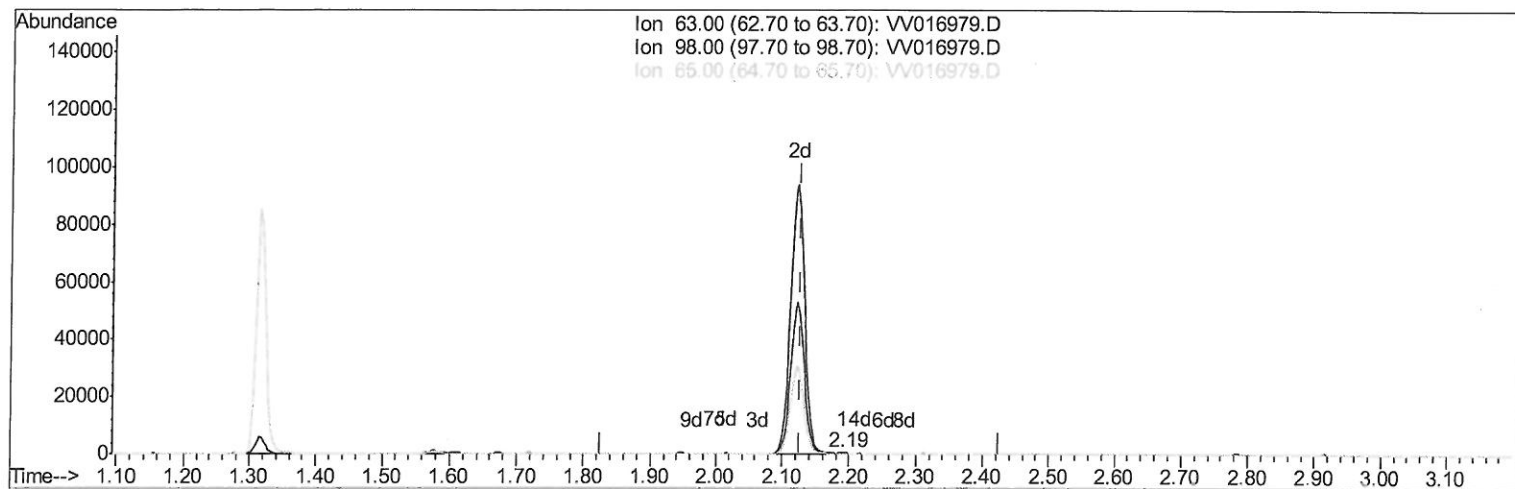
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TIC: VV016979.D

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

2.190min (+0.064) 0.09ug/L

response 384

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 63.00 | 100   | 100   |
| 98.00 | 67.20 | 49.22 |
| 65.00 | 24.40 | 28.39 |
| 0.00  | 0.00  | 0.00  |

# Quantitation Report (Qedit)

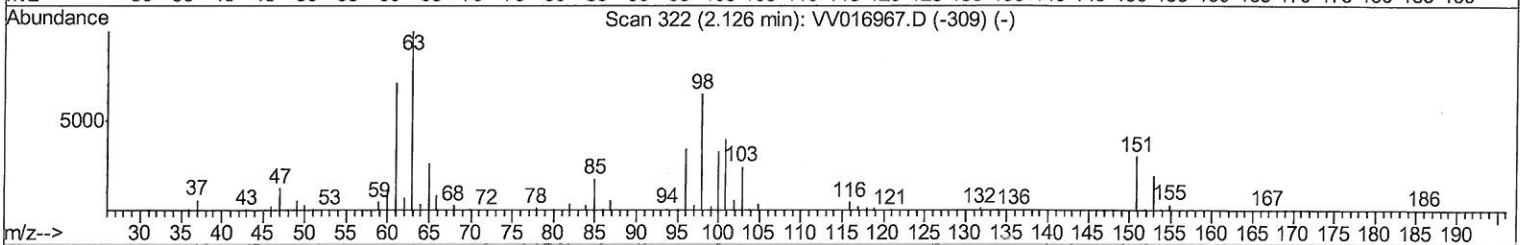
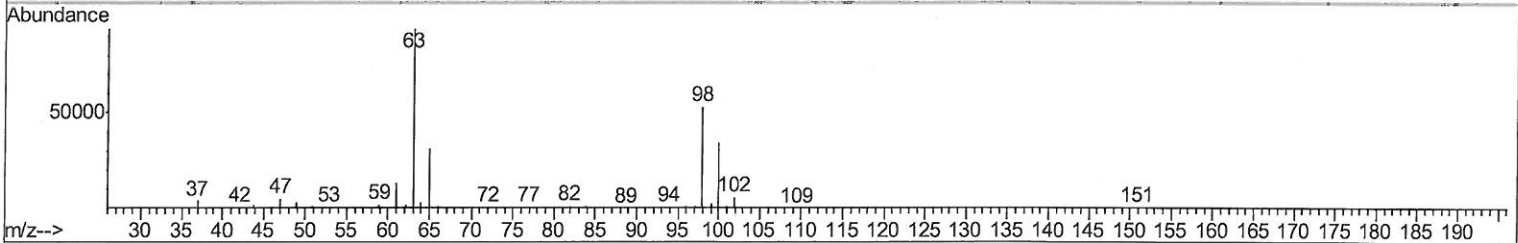
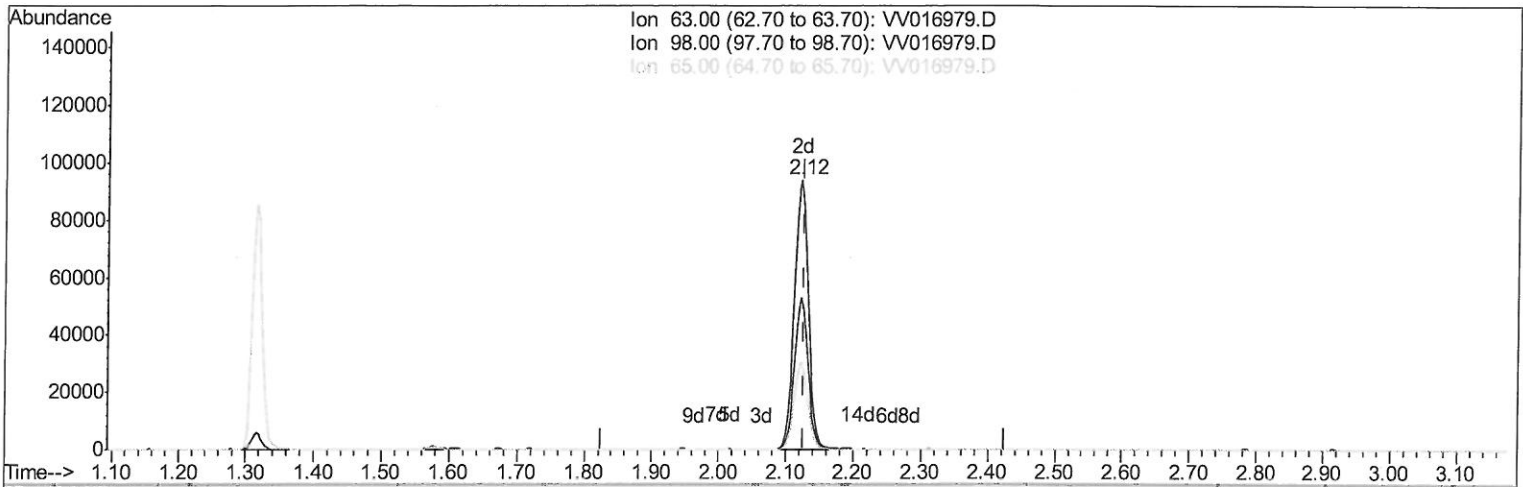
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TIC: VV016979.D

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

2.123min (-0.003) 32.41ug/L m

response 135792

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 63.00 | 100   | 100   |
| 98.00 | 67.20 | 0.14# |
| 65.00 | 24.40 | 0.08# |
| 0.00  | 0.00  | 0.00  |

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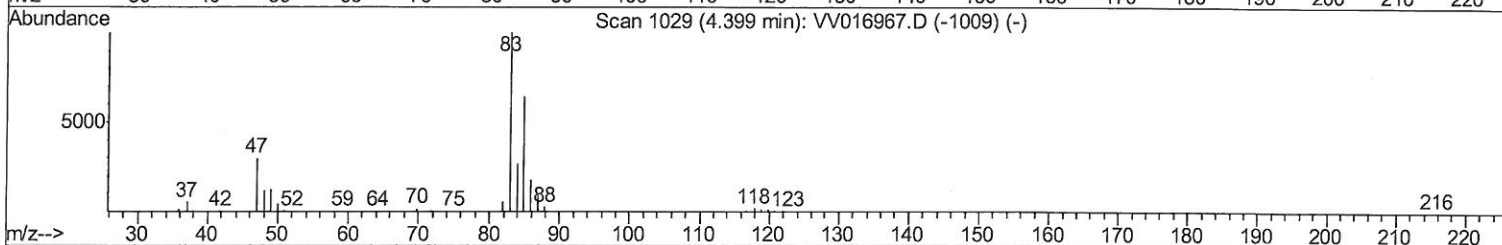
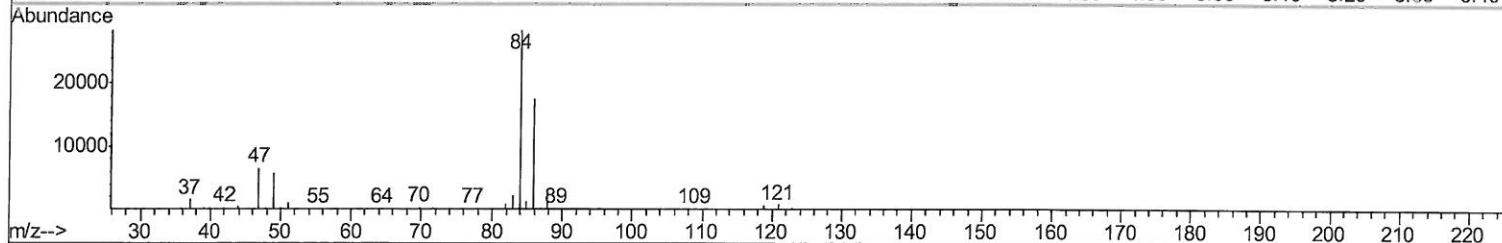
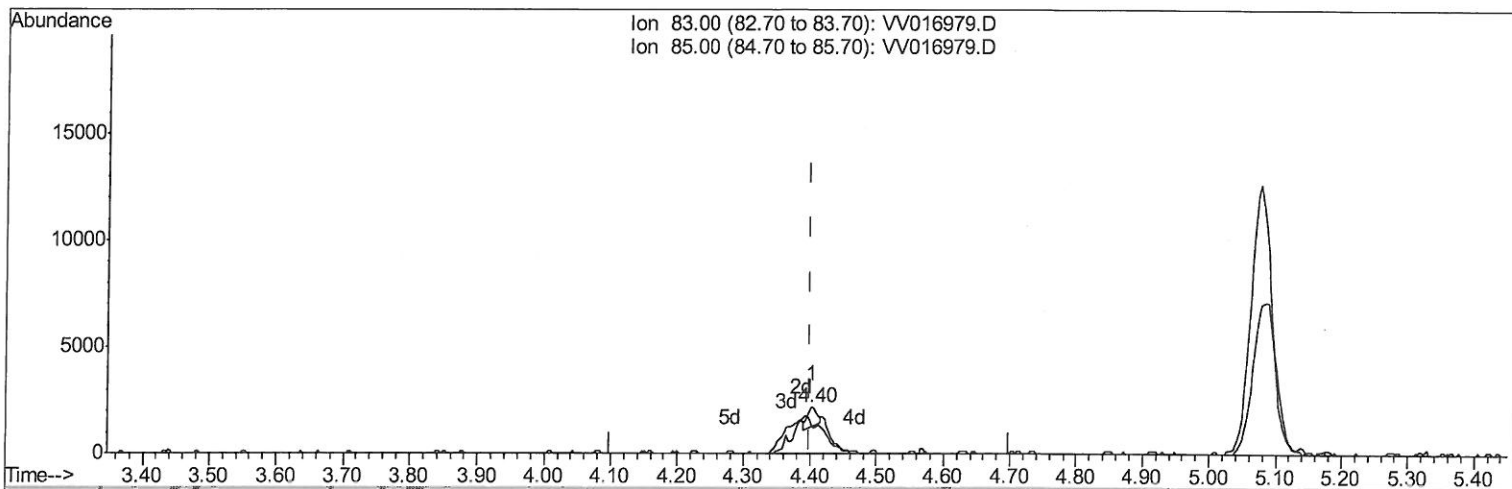
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TIC: VV016979.D

(25) Chloroform (T)

4.402min (+0.003) 0.21ug/L

response 959

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 83.00 | 100   | 100   |
| 85.00 | 63.00 | 59.02 |
| 0.00  | 0.00  | 0.00  |
| 0.00  | 0.00  | 0.00  |

# Quantitation Report (Qedit)

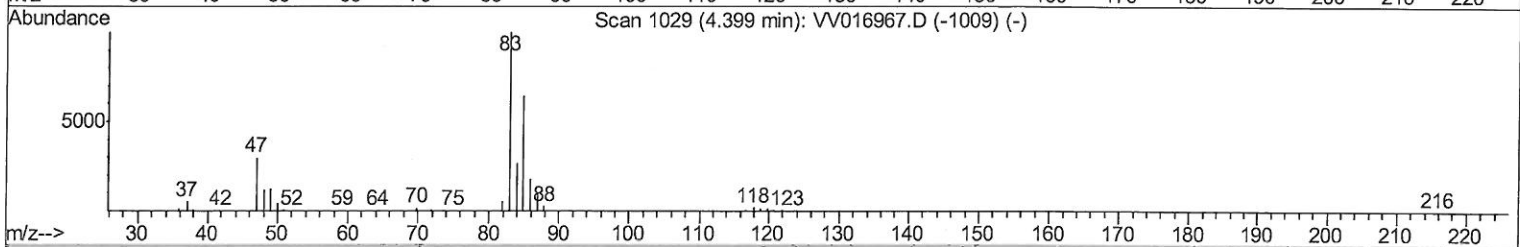
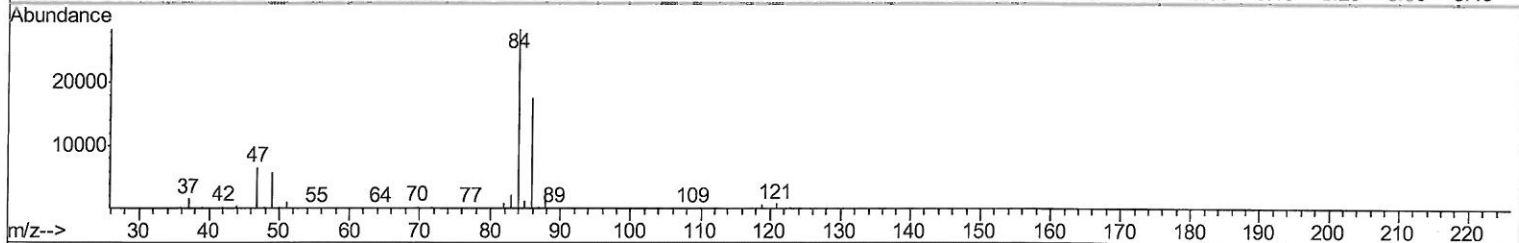
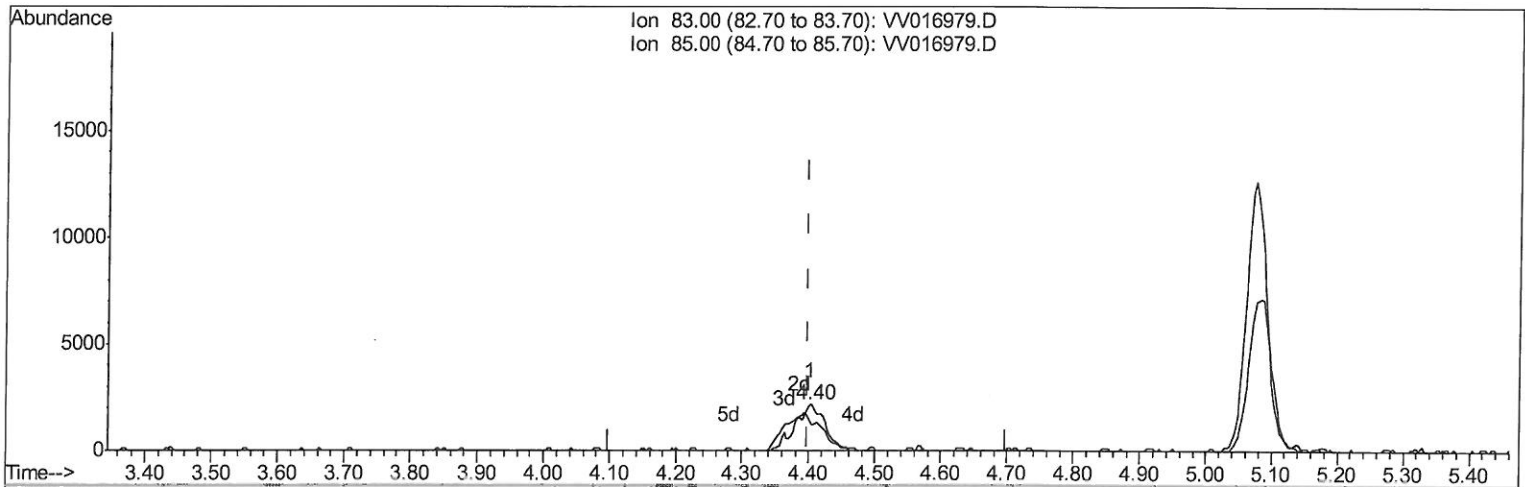
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Manual Integrations  
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TIC: VV016979.D

(25) Chloroform (T)

4.402min (+0.003) 1.44ug/L m

response 6662

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 83.00 | 100   | 100   |
| 85.00 | 63.00 | 59.02 |
| 0.00  | 0.00  | 0.00  |
| 0.00  | 0.00  | 0.00  |

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Instrument :  
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Manual Integrations  
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| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev (Min) |
|----------------------------|-------|------|----------|-------|-------|-----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 353617   | 50.00 | ug/L  | 0.00      |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 331851   | 50.00 | ug/L  | 0.00      |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 156673   | 50.00 | ug/L  | 0.00      |

## System Monitoring Compounds

|                                |         |       |          |          |      |        |
|--------------------------------|---------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 85473    | 34.26    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 68.52% |
| 7) Chloroethane-d5             | 1.58    | 69    | 64180    | 42.87    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 85.74% |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 135792m  | 32.41    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 64.82% |
| 21) 2-Butanone-d5              | 3.91    | 46    | 165976   | 89.87    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 89.87% |
| 24) Chloroform-d               | 4.38    | 84    | 219754   | 43.31    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 86.62% |
| 26) 1,2-Dichloroethane-d4      | 5.06    | 65    | 161383   | 46.76    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 93.52% |
| 32) Benzene-d6                 | 5.08    | 84    | 425821   | 44.51    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 89.02% |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 131260   | 44.02    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 88.04% |
| 41) Toluene-d8                 | 7.34    | 98    | 395013   | 45.00    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 90.00% |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 66090    | 42.56    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 85.12% |
| 47) 2-Hexanone-d5              | 8.11    | 63    | 99077    | 76.21    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 76.21% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 167429   | 42.41    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 84.82% |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 162875   | 48.71    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 97.42% |

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## Target Compounds

| Target Compounds           | R.T. | QIon | Response | Conc    | Units | Ovalue |
|----------------------------|------|------|----------|---------|-------|--------|
| 20) cis-1,2-Dichloroethene | 3.94 | 96   | 35191    | 13.489  | ug/L  | 96     |
| 25) Chloroform             | 4.40 | 83   | 6662m    | 1.439   | ug/L  | 95     |
| 34) Trichloroethene        | 5.94 | 95   | 19472    | 7.395   | ug/L  | 95     |
| 46) Tetrachloroethene      | 8.00 | 164  | 207936   | 100.402 | ug/L  | 99     |

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