

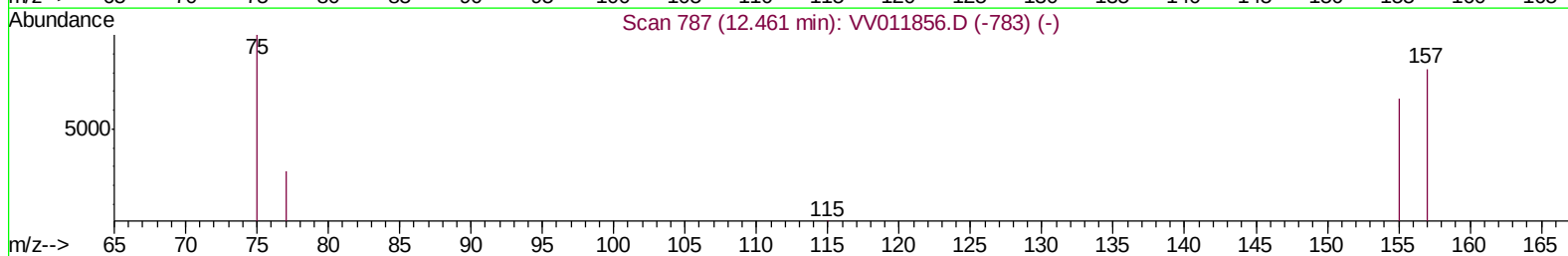
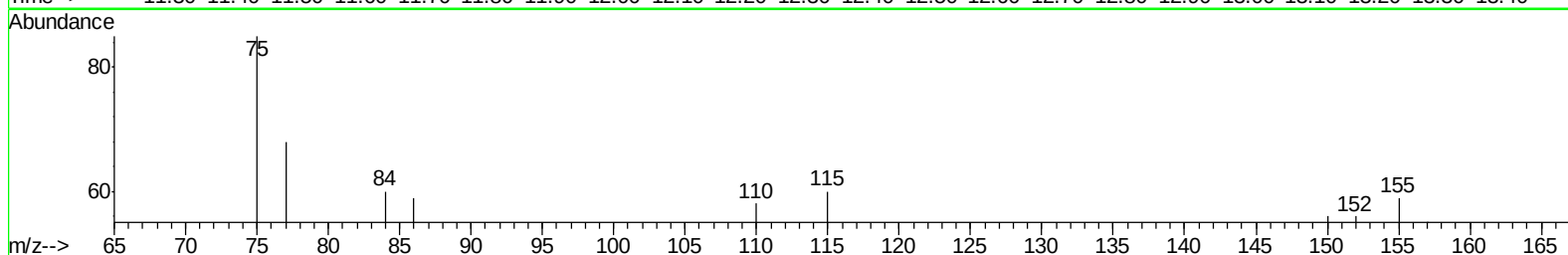
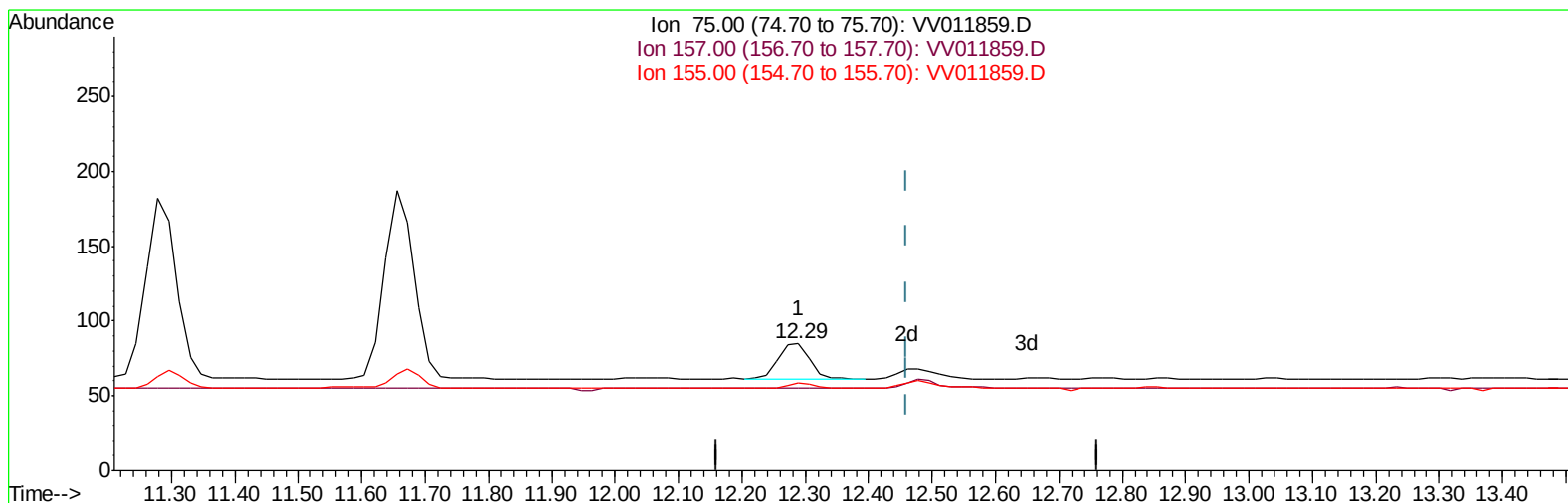
Data File : VV011859.D  
Acq On : 11 Jul 2019 17:31  
Operator : SY/MD  
Sample : MDL07  
Misc : 25ML/MSVOA\_V/WATER  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
MDL07

Manual Integrations  
APPROVED

MMDadoda  
7/16/2019 3:24:38 PM

Quant Time: Jul 12 03:47:37 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR070819SIM.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Fri Jul 12 03:44:53 2019  
Response via : Initial Calibration



TIC: VV011859.D

(13) 1,2-Dibromo-3-chloropropane (T)

12.289min (-0.171) 0.11ug/L

response 85

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 75.00  | 100   | 100   |
| 157.00 | 77.80 | 64.71 |
| 155.00 | 69.50 | 69.41 |
| 0.00   | 0.00  | 0.00  |

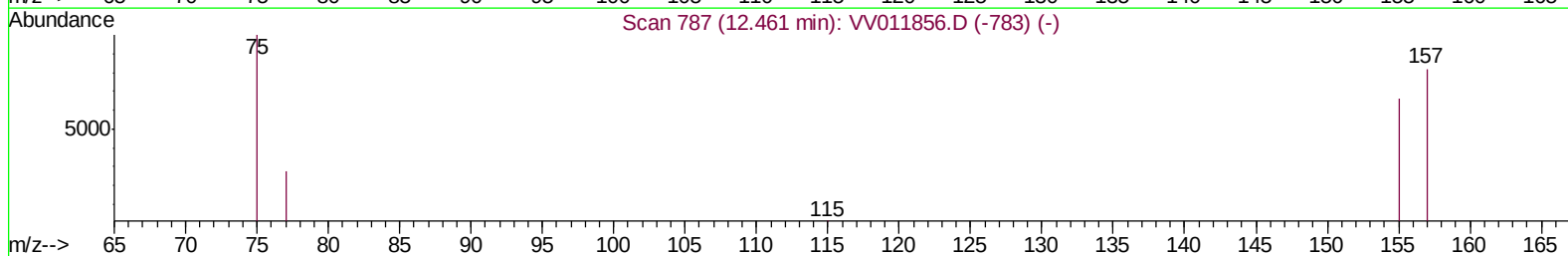
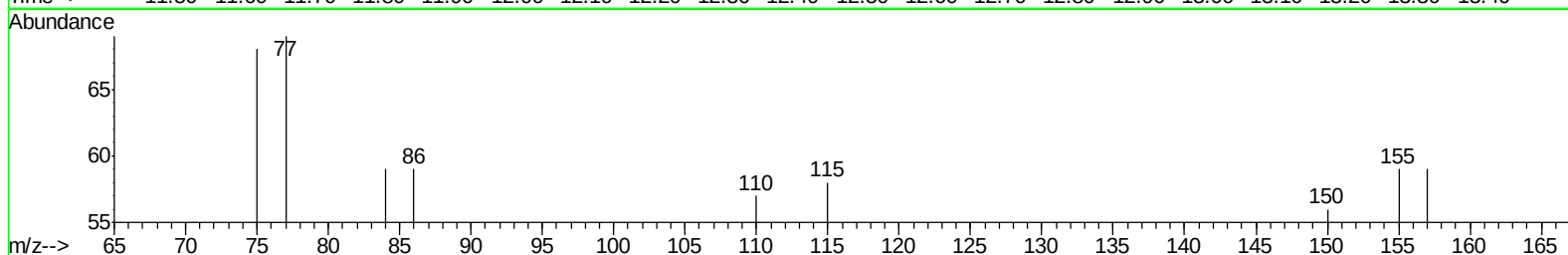
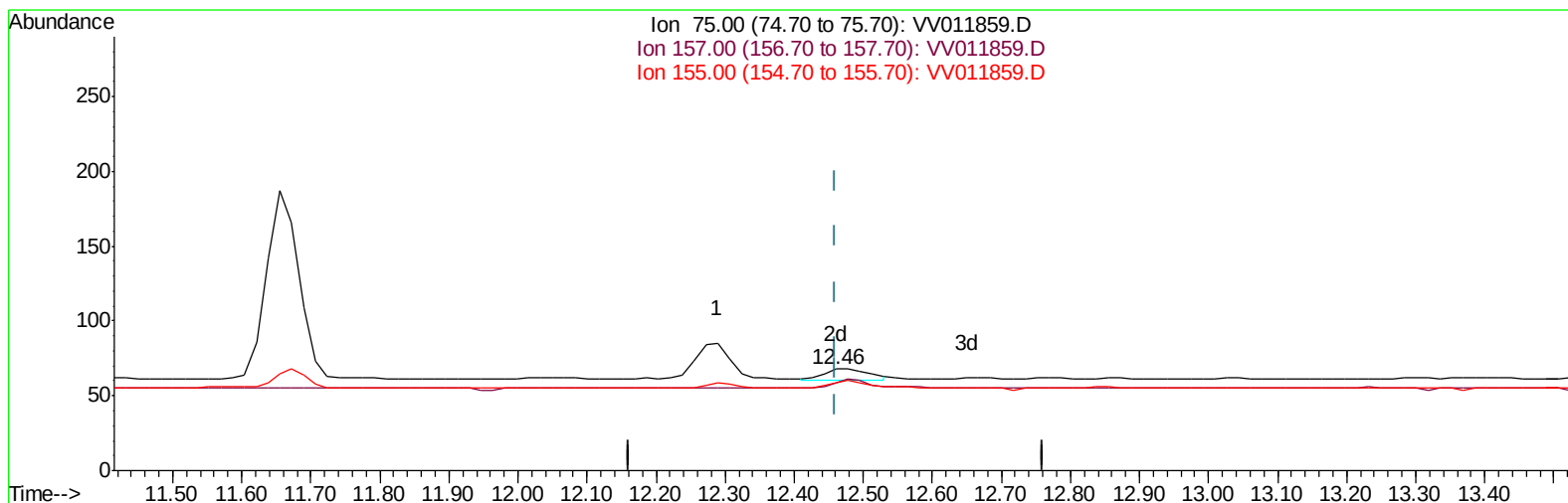
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TIC: VV011859.D

(13) 1,2-Dibromo-3-chloropropane (T)

12.461min (-0.000) 0.05ug/L m

response 38

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 75.00  | 100   | 100    |
| 157.00 | 77.80 | 86.76  |
| 155.00 | 69.50 | 86.76# |
| 0.00   | 0.00  | 0.00   |

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Manual Integrations  
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7/16/2019 3:24:38 PM

Quant Time: Jul 12 03:50:58 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR070819SIM.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Fri Jul 12 03:44:53 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 8554     | 0.50 | ug/L  | 0.00     |
| 5) Chlorobenzene-d5        | 8.89  | 117  | 7881     | 0.50 | ug/L  | 0.00     |
| 11) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 3744     | 0.50 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |       |       |          |          |      |         |
|--------------------------------|-------|-------|----------|----------|------|---------|
| 2) Vinyl Chloride-d3           | 1.32  | 65    | 3844     | 0.41     | ug/L | 0.00    |
| Spiked Amount                  | 0.500 | Range | 40 - 130 | Recovery | =    | 82.00%  |
| 4) 1,2-Dichloroethane-d4       | 5.07  | 65    | 3448     | 0.49     | ug/L | 0.00    |
| Spiked Amount                  | 0.500 | Range | 70 - 130 | Recovery | =    | 98.00%  |
| 7) 1,2-Dichloropropane-d6      | 6.12  | 67    | 3916     | 0.51     | ug/L | 0.00    |
| Spiked Amount                  | 0.500 | Range | 60 - 140 | Recovery | =    | 102.00% |
| 8) Toluene-d8                  | 7.35  | 98    | 10333    | 0.52     | ug/L | 0.00    |
| Spiked Amount                  | 0.500 | Range | 70 - 130 | Recovery | =    | 104.00% |
| 10) 1,1,2,2-Tetrachloroethane- | 10.25 | 84    | 1909     | 0.40     | ug/L | 0.00    |
| Spiked Amount                  | 0.500 | Range | 65 - 120 | Recovery | =    | 80.00%  |

#### Target Compounds

|                                |       |     |     |              | Qvalue |
|--------------------------------|-------|-----|-----|--------------|--------|
| 3) Vinyl chloride              | 1.32  | 62  | 278 | 0.031 ug/L # | 39     |
| 6) Trichloroethene             | 5.95  | 95  | 258 | 0.036 ug/L   | 90     |
| 9) 1,2-Dibromoethane           | 8.40  | 107 | 143 | 0.036 ug/L # | 86     |
| 12) 1,2,3-Trichloropropane     | 10.30 | 75  | 122 | 0.030 ug/L   | 96     |
| 13) 1,2-Dibromo-3-chloropropan | 12.46 | 75  | 38m | 0.051 ug/L   |        |

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

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