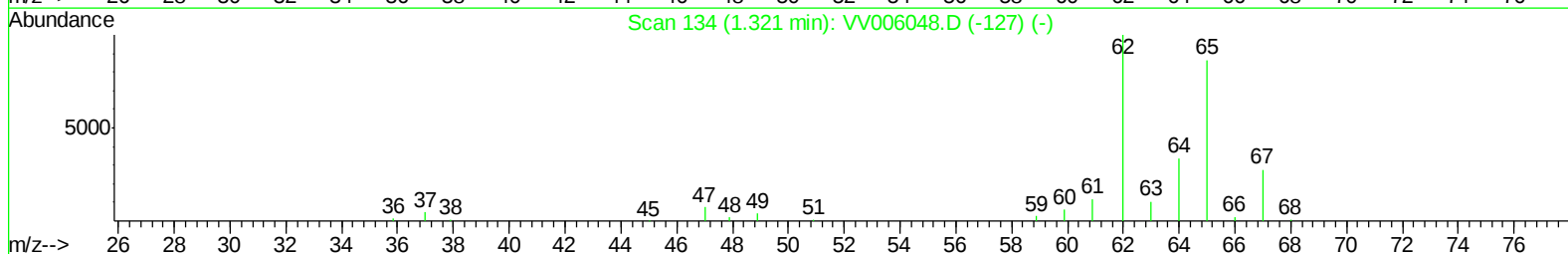
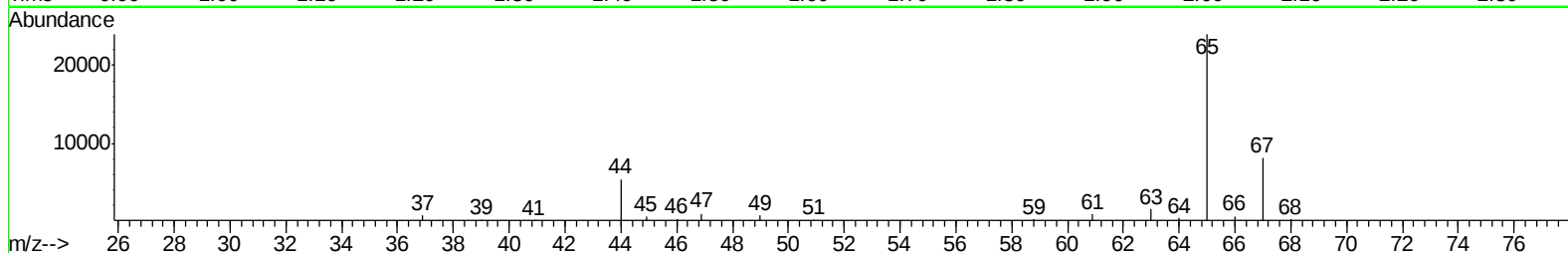
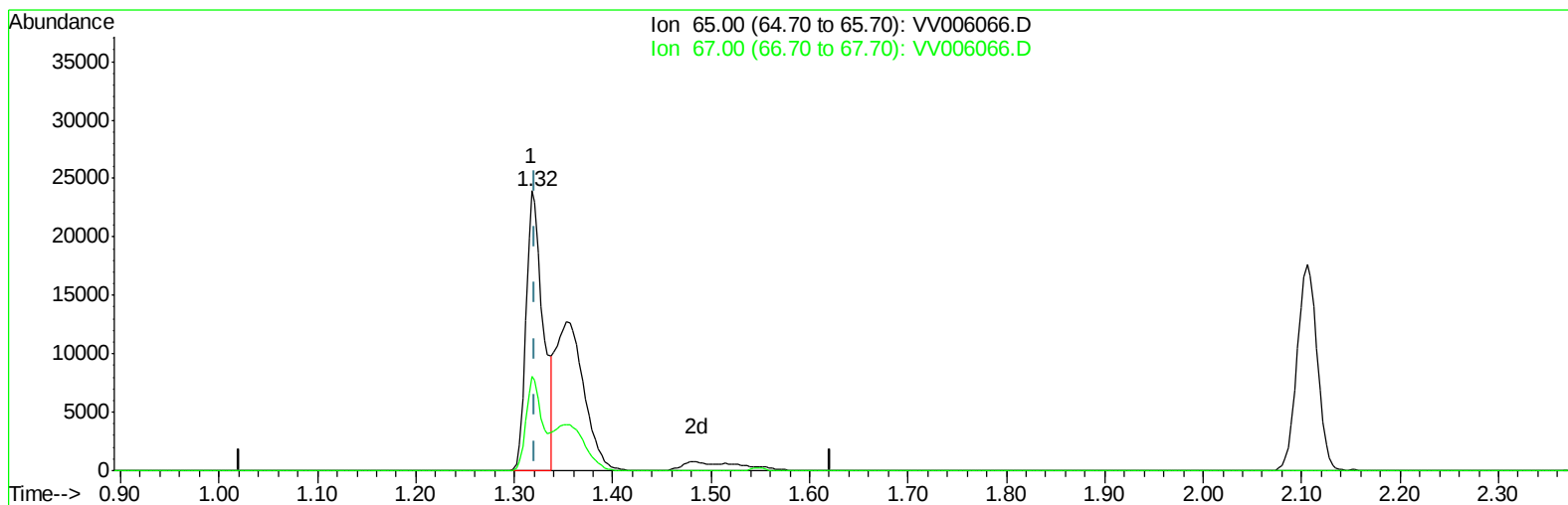


Data File : VV006066.D  
Acq On : 26 May 2018 19:45  
Operator : SY/MD  
Sample : J3090-17 100X  
Misc : 5.0 mL/MSVOA\_V/WATER  
ALS Vial : 20 Sample Multiplier: 1

Quant Time: May 28 02:08:16 2018  
Quant Method : W:\HPCHEM1\MSVOA\_V\METHOD\SOMVLM052518WMA.M  
Quant Title : VOC Analysis  
QLast Update : Mon May 28 02:03:29 2018  
Response via : Initial Calibration



TIC: VV006066.D

(4) Vinyl Chloride-d3 (S)

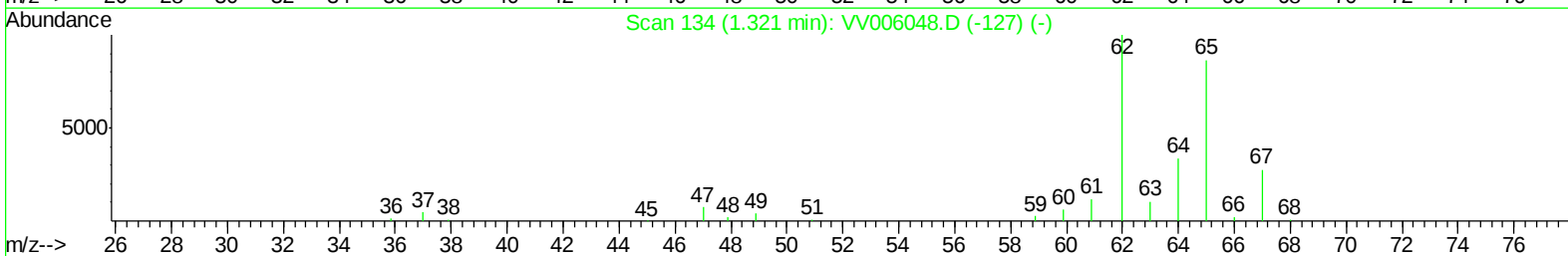
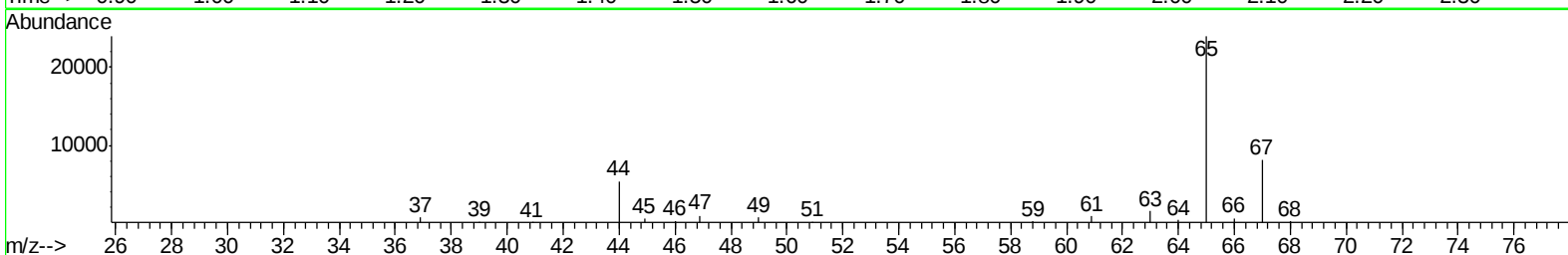
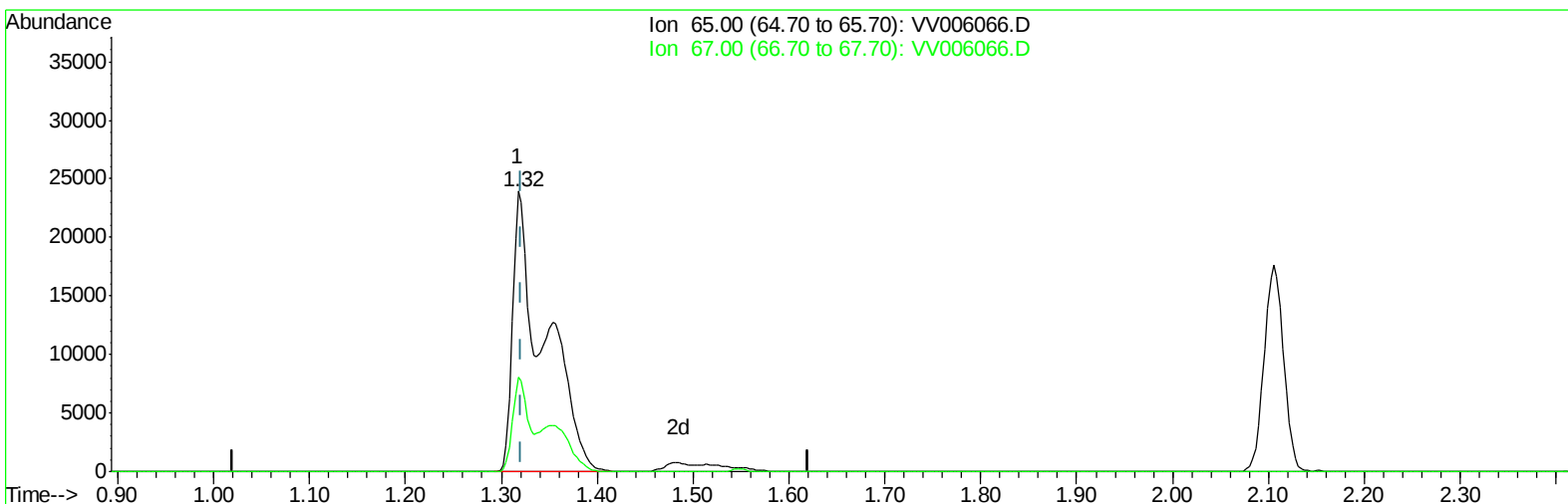
1.318min (-0.003) 24.38ug/L

response 29431

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 65.00 | 100   | 100   |
| 67.00 | 31.70 | 30.91 |
| 0.00  | 0.00  | 0.00  |
| 0.00  | 0.00  | 0.00  |

Data File : VV006066.D  
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Operator : SY/MD  
Sample : J3090-17 100X  
Misc : 5.0 mL/MSVOA\_V/WATER  
ALS Vial : 20 Sample Multiplier: 1

Quant Time: May 28 02:08:16 2018  
Quant Method : W:\HPCHEM1\MSVOA\_V\METHOD\SOMVLM052518WMA.M  
Quant Title : VOC Analysis  
QLast Update : Mon May 28 02:03:29 2018  
Response via : Initial Calibration



TIC: VV006066.D

(4) Vinyl Chloride-d3 (S)

1.318min (-0.003) 45.41ug/L m

response 54825

| Ion   | Exp%  | Act%   |
|-------|-------|--------|
| 65.00 | 100   | 100    |
| 67.00 | 31.70 | 16.59# |
| 0.00  | 0.00  | 0.00   |
| 0.00  | 0.00  | 0.00   |

Data File : VV006066.D  
Acq On : 26 May 2018 19:45  
Operator : SY/MD  
Sample : J3090-17 100X  
Misc : 5.0 mL/MSVOA\_V/WATER  
ALS Vial : 20 Sample Multiplier: 1

Quant Time: May 28 03:51:26 2018  
Quant Method : W:\HPCHEM1\MSVOA\_V\METHOD\SOMVLM052518WMA.M  
Quant Title : VOC Analysis  
QLast Update : Mon May 28 02:03:29 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 172870   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 157616   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 61216    | 50.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 54825m   | 45.41    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 90.82%  |
| 7) Chloroethane-d5             | 1.55    | 69    | 7992     | 9.36     | ug/L | -0.02   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 18.72%# |
| 11) 1,1-Dichloroethene-d2      | 2.11    | 63    | 79014    | 35.16    | ug/L | -0.03   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 70.32%  |
| 21) 2-Butanone-d5              | 3.96    | 46    | 54197    | 78.37    | ug/L | 0.01    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 78.37%  |
| 24) Chloroform-d               | 4.40    | 84    | 104624   | 45.97    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 91.94%  |
| 26) 1,2-Dichloroethane-d4      | 5.09    | 65    | 73515    | 49.49    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 98.98%  |
| 32) Benzene-d6                 | 5.10    | 84    | 208400   | 49.74    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 99.48%  |
| 36) 1,2-Dichloropropane-d6     | 6.12    | 67    | 67009    | 50.36    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 100.72% |
| 41) Toluene-d8                 | 7.36    | 98    | 182533   | 47.09    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 94.18%  |
| 43) trans-1,3-Dichloropropene- | 7.67    | 79    | 27022    | 44.09    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 88.18%  |
| 47) 2-Hexanone-d5              | 8.15    | 63    | 49826    | 95.27    | ug/L | 0.01    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 95.27%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.27   | 84    | 89133    | 48.71    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 97.42%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.68   | 152   | 66099    | 54.29    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 108.58% |

| Target Compounds    |      |    |       |       |      | Qvalue |
|---------------------|------|----|-------|-------|------|--------|
| 34) Trichloroethene | 5.96 | 95 | 49801 | 39.18 | ug/L | 98     |

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

Data File : VV006066.D

```
Acq On       : 26 May 2018   19:45
Operator     : SY/MD
Sample       : J3090-17 100X
Misc         : 5.0 mL/MSVOA_V/WATER
ALS Vial     : 20      Sample Multiplier: 1
```

Quant Time: May 28 03:51:26 2018  
Quant Method : W:\HPCHEM1\MSV0A\_V\METHOD\SOMVLM052518WMA.M  
Quant Title : VOC Analysis  
QLast Update : Mon May 28 02:03:29 2018  
Response via : Initial Calibration

