

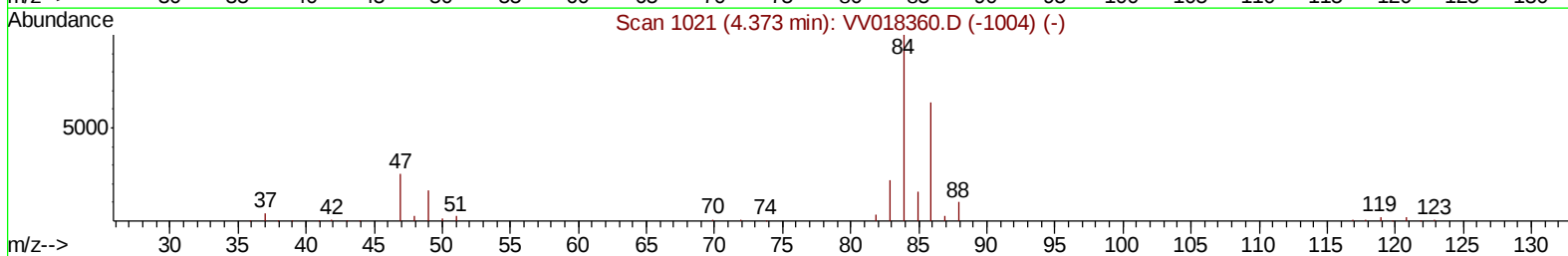
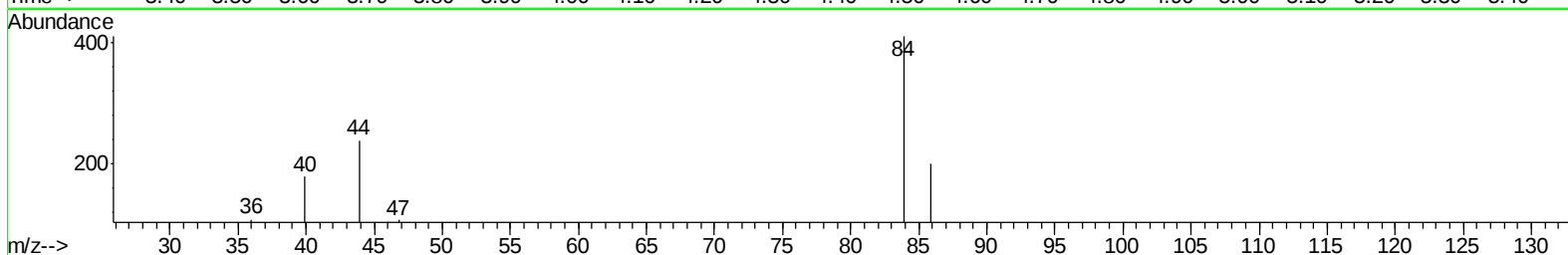
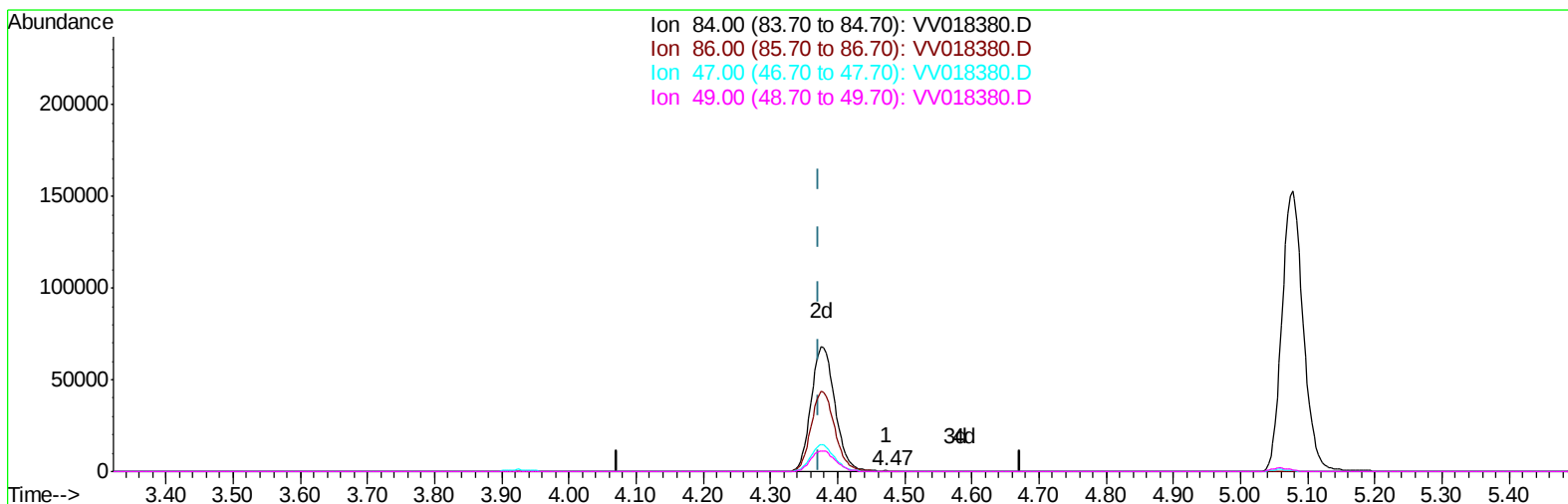
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV092120\  
Data File : VV018380.D  
Acq On : 21 Sep 2020 19:00  
Operator : SY/MD  
Sample : L4090-14  
Misc : 5.0mL/MSVOA V/WATER  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
BFWZ4

Manual Integrations  
APPROVED

MMDadoda  
9/22/2020 5:28:36 PM

Quant Time: Sep 22 04:38:18 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM090920WMA.M  
Quant Title : VOC Analysis  
QLast Update : Tue Sep 22 04:28:24 2020  
Response via : Initial Calibration



TIC: VV018380.D

(24) Chloroform-d (S)

4.473min (+0.100) 0.05ug/L

response 207

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 84.00 | 100   | 100   |
| 86.00 | 62.40 | 51.21 |
| 47.00 | 41.10 | 29.95 |
| 49.00 | 24.20 | 21.26 |

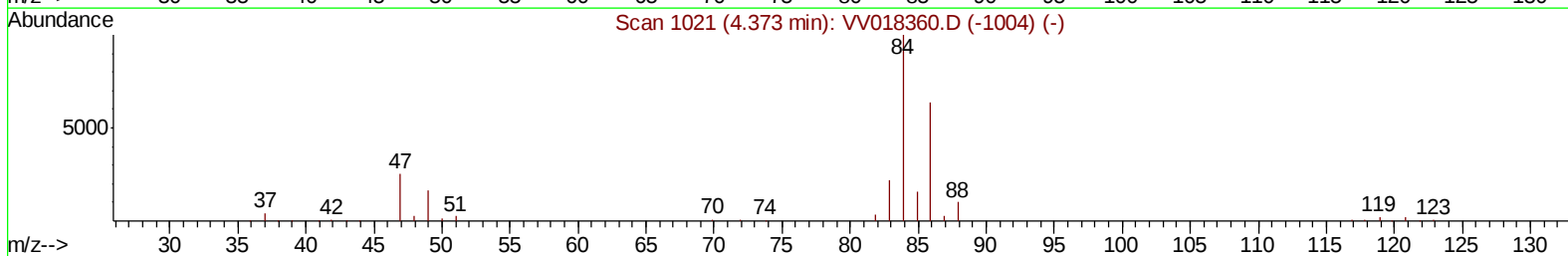
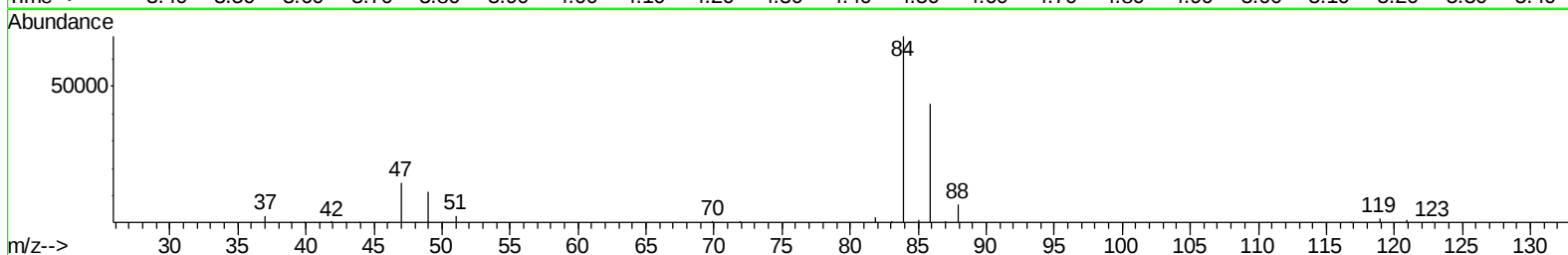
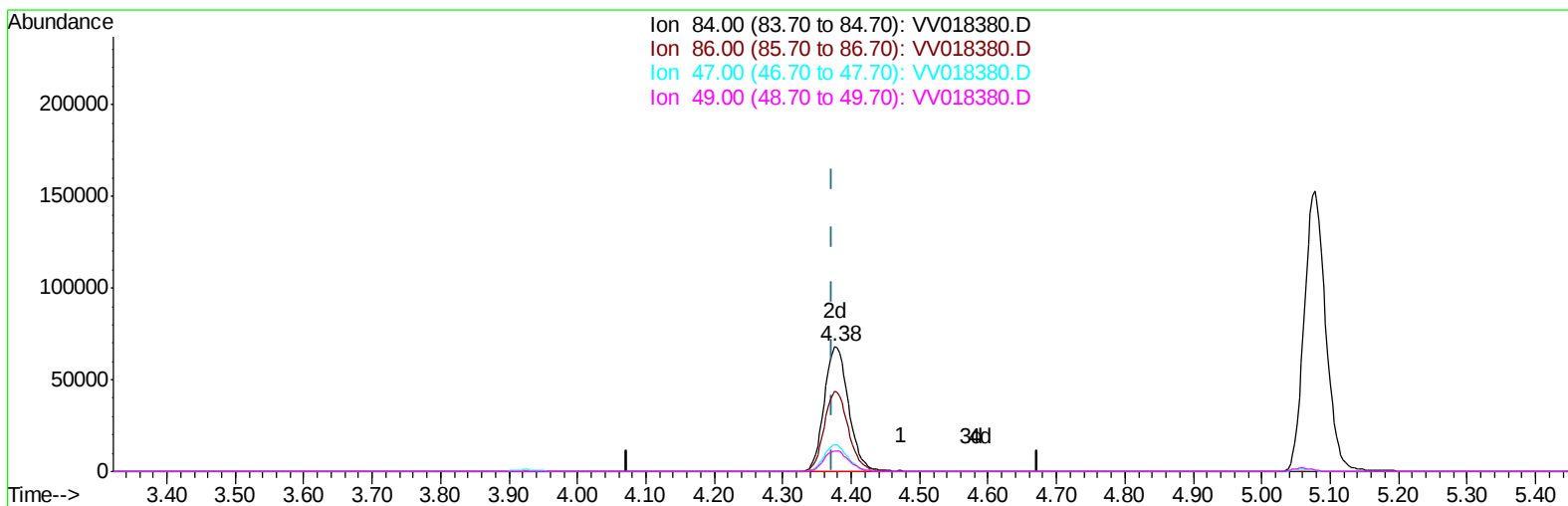
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TIC: VV018380.D

(24) Chloroform-d (S)

4.376min (+0.003) 41.13ug/L m

response 167853

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 84.00 | 100   | 100   |
| 86.00 | 62.40 | 0.06# |
| 47.00 | 41.10 | 0.04# |
| 49.00 | 24.20 | 0.03# |

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Manual Integrations  
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MMDadoda  
 9/22/2020 5:28:36 PM

Quant Time: Sep 22 06:23:40 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM090920WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Sep 22 04:28:24 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 288653   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 285105   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 136014   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 84080    | 35.74    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 71.48%  |
| 7) Chloroethane-d5             | 1.58    | 69    | 75729    | 39.34    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 78.68%  |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 127607   | 29.57    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 59.14%# |
| 21) 2-Butanone-d5              | 3.92    | 46    | 115407   | 80.15    | ug/L | 0.01    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 80.15%  |
| 24) Chloroform-d               | 4.38    | 84    | 167853m  | 41.13    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 82.26%  |
| 26) 1,2-Dichloroethane-d4      | 5.06    | 65    | 113196   | 43.27    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 86.54%  |
| 32) Benzene-d6                 | 5.08    | 84    | 334682   | 41.01    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 82.02%  |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 108770   | 41.94    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 83.88%  |
| 41) Toluene-d8                 | 7.34    | 98    | 297203   | 39.96    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 79.92%# |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 51445    | 39.04    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 78.08%  |
| 47) 2-Hexanone-d5              | 8.11    | 63    | 75716    | 77.08    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 77.08%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 132053   | 40.57    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 81.14%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 128368   | 45.95    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 91.90%  |

| Target Compounds           |      |    |       |             | Ovalue |
|----------------------------|------|----|-------|-------------|--------|
| 2) Dichlorodifluoromethane | 1.14 | 85 | 25899 | 12.305 ug/L | 99     |
| 34) Trichloroethene        | 5.94 | 95 | 25942 | 11.683 ug/L | 97     |

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

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