

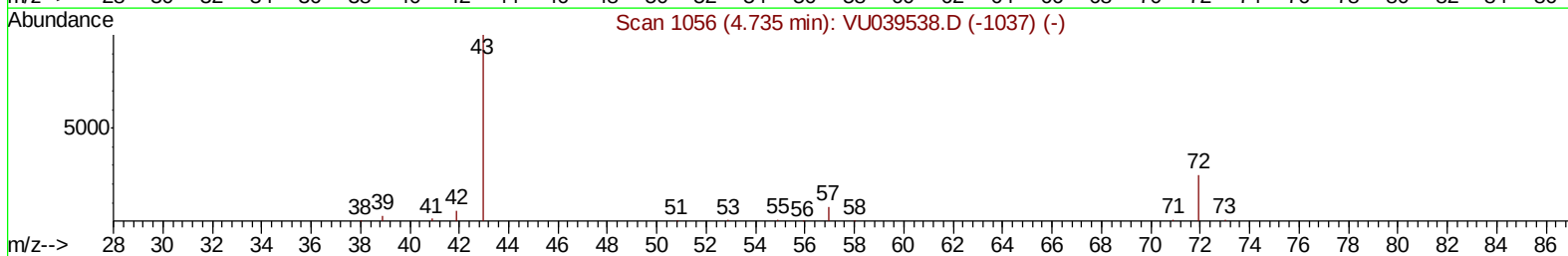
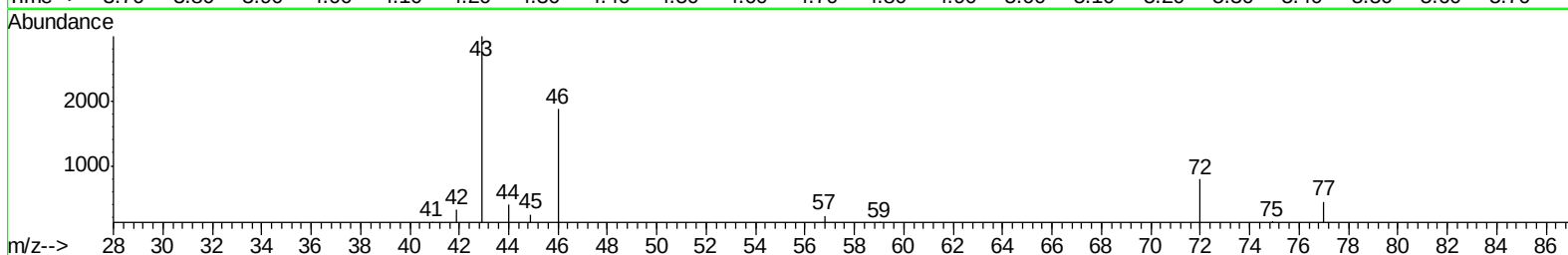
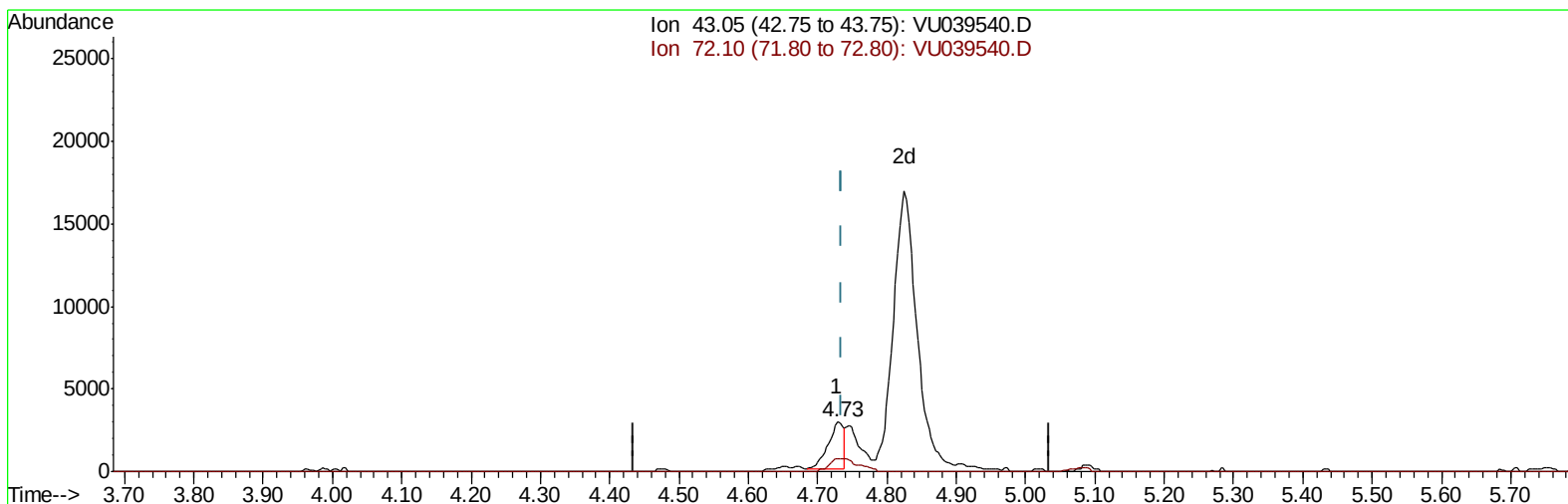
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071720\  
 Data File : VU039540.D  
 Acq On : 17 Jul 2020 10:39  
 Operator : SY/MD  
 Sample : L3292-12  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BFT95

Manual Integrations  
 APPROVED

MMDadoda  
 7/20/2020 11:46:54 AM

Quant Time: Jul 17 23:40:21 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR070720WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Jul 17 23:38:36 2020  
 Response via : Initial Calibration



TIC: VU039540.D

(21) 2-Butanone (T)  
 4.729min (-0.007) 1.93ug/L  
 response 4447

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 43.05 | 100   | 100   |
| 72.10 | 26.30 | 23.25 |
| 0.00  | 0.00  | 0.00  |
| 0.00  | 0.00  | 0.00  |

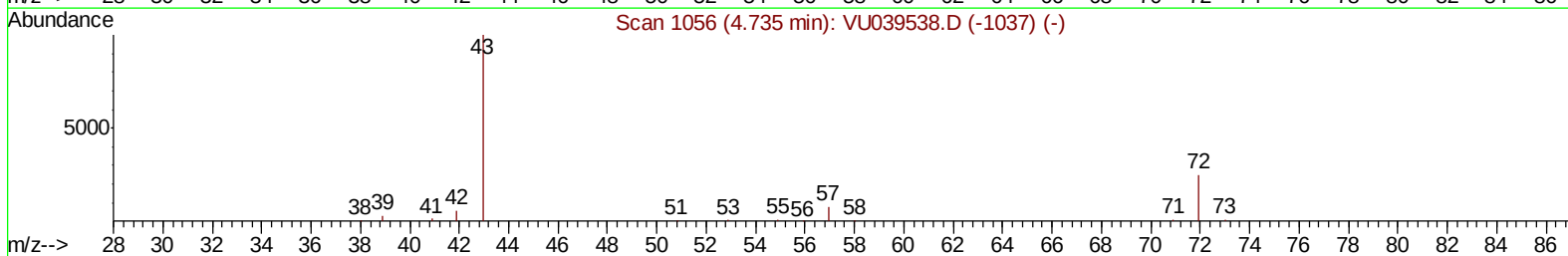
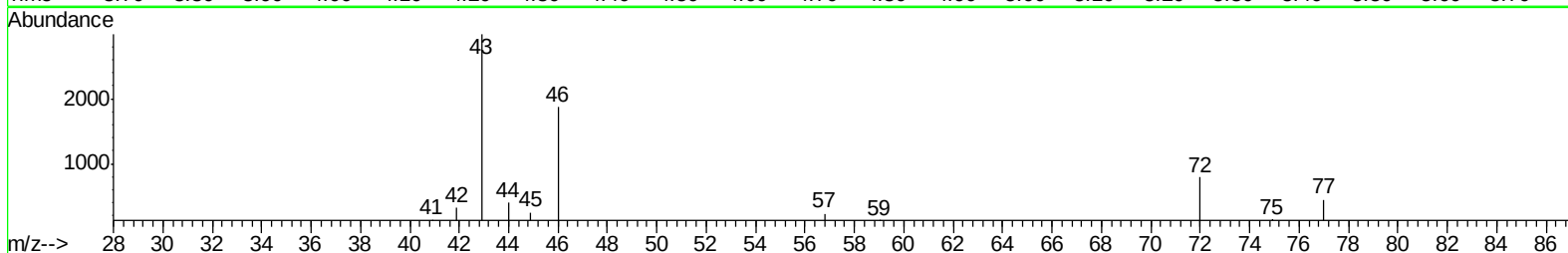
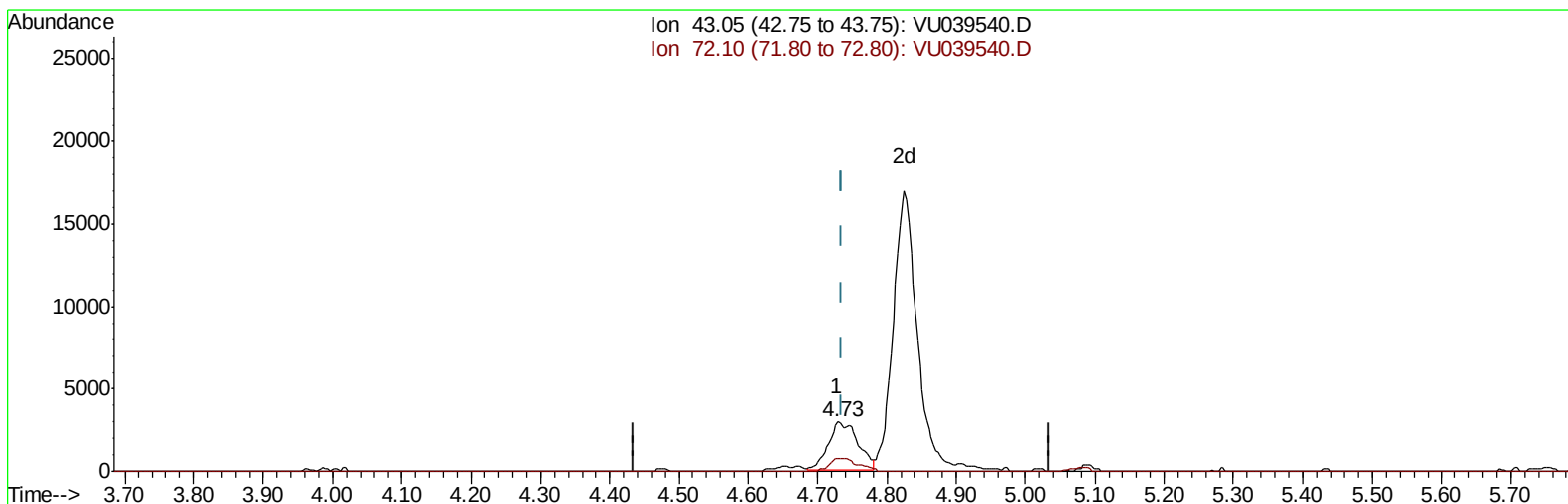
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TIC: VU039540.D

(21) 2-Butanone (T)

4.729min (-0.007) 3.81ug/L m

response 8787

| Ion   | Exp%  | Act%   |
|-------|-------|--------|
| 43.05 | 100   | 100    |
| 72.10 | 26.30 | 11.77# |
| 0.00  | 0.00  | 0.00   |
| 0.00  | 0.00  | 0.00   |

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Quant Time: Jul 17 23:56:08 2020  
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 QLast Update : Fri Jul 17 23:38:36 2020  
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| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.26  | 114  | 90381    | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.42  | 117  | 85219    | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152  | 40255    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61   | 65    | 22230    | 4.25     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 85.00%  |
| 7) Chloroethane-d5             | 1.92   | 69    | 25166    | 4.70     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 94.00%  |
| 11) 1,1-Dichloroethene-d2      | 2.58   | 63    | 34198    | 3.32     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 66.40%  |
| 20) 2-Butanone-d5              | 4.65   | 46    | 107529   | 44.86    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 89.72%  |
| 24) Chloroform-d               | 5.08   | 84    | 53763    | 4.82     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 96.40%  |
| 26) 1,2-Dichloroethane-d4      | 5.72   | 65    | 35893    | 5.13     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 102.60% |
| 32) Benzene-d6                 | 5.74   | 84    | 105016   | 5.12     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 102.40% |
| 36) 1,2-Dichloropropane-d6     | 6.70   | 67    | 35862    | 4.98     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 99.60%  |
| 41) Toluene-d8                 | 7.91   | 98    | 92083    | 5.18     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 103.60% |
| 43) trans-1,3-Dichloropropene- | 8.19   | 79    | 14039    | 4.41     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 88.20%  |
| 46) 2-Hexanone-d5              | 8.64   | 63    | 75021    | 39.73    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 79.46%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.76  | 84    | 31001    | 4.34     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 86.80%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.19  | 152   | 36393    | 5.06     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 101.20% |

| Target Compounds      |      |     |       |            | Ovalue |
|-----------------------|------|-----|-------|------------|--------|
| 3) Chloromethane      | 1.53 | 50  | 2783  | 0.419 ug/L | 97     |
| 13) Acetone           | 2.65 | 43  | 8913  | 6.889 ug/L | 94     |
| 21) 2-Butanone        | 4.73 | 43  | 8787m | 3.805 ug/L |        |
| 34) Trichloroethene   | 6.56 | 95  | 8787  | 1.334 ug/L | 93     |
| 47) Tetrachloroethene | 8.56 | 164 | 6187  | 1.350 ug/L | 98     |

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

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