

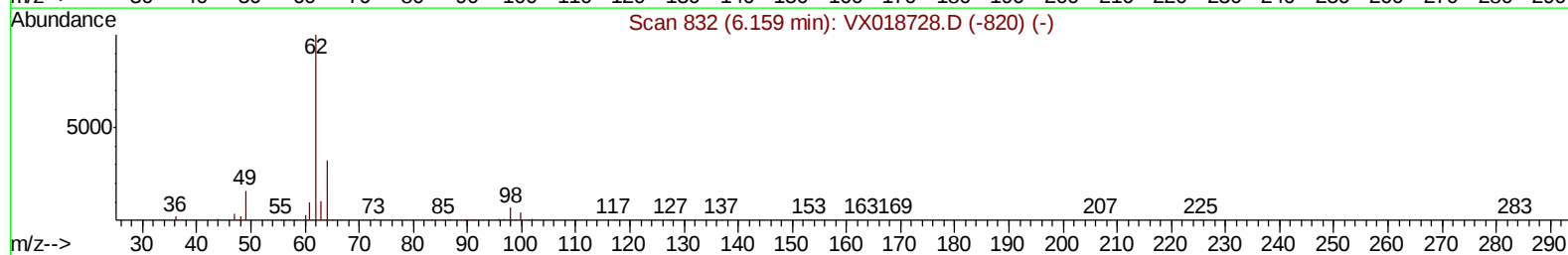
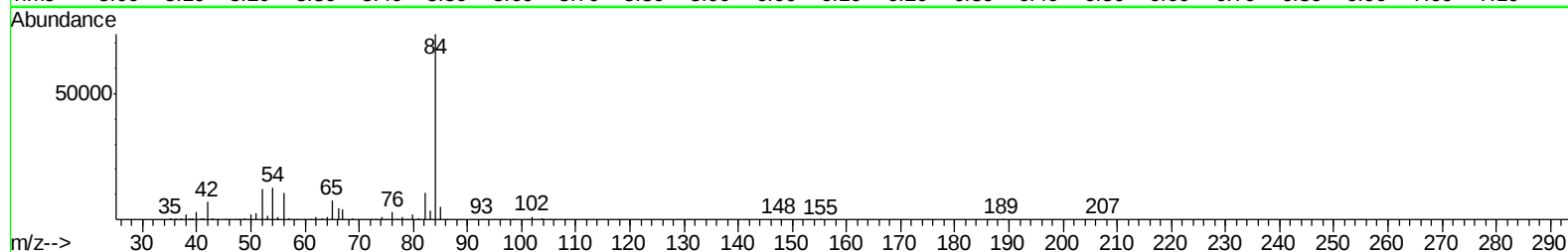
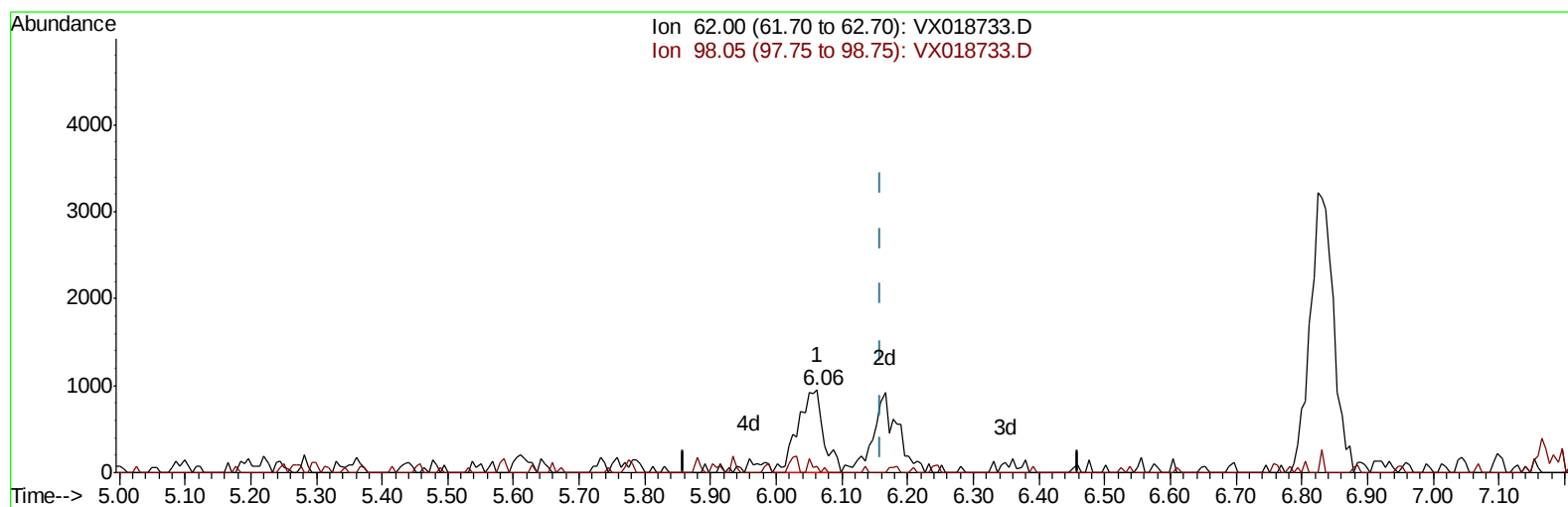
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100120\  
 Data File : VX018733.D  
 Acq On : 01 Oct 2020 20:04  
 Operator : JC/SP  
 Sample : L4171-11  
 Misc : 25.0mL/MSVOA X/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BG3Q1RE

Manual Integrations  
 APPROVED

MMDadoda  
 10/6/2020 1:24:29 PM

Quant Time: Oct 02 09:01:28 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\SOMXTR092820WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Oct 02 08:54:14 2020  
 Response via : Initial Calibration



TIC: VX018733.D

(27) 1,2-Dichloroethane (T)

6.062min (-0.097) 0.22ug/L

response 2602

| Ion   | Exp% | Act% |
|-------|------|------|
| 62.00 | 100  | 100  |
| 98.05 | 8.70 | 7.47 |
| 0.00  | 0.00 | 0.00 |
| 0.00  | 0.00 | 0.00 |

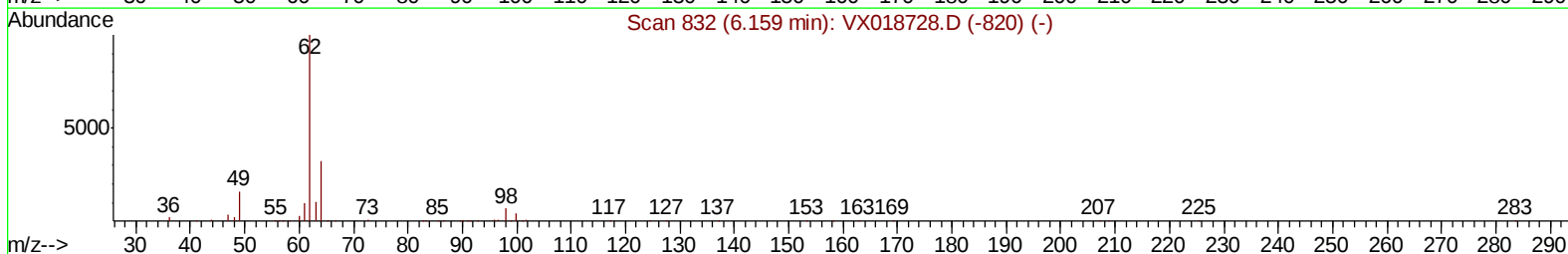
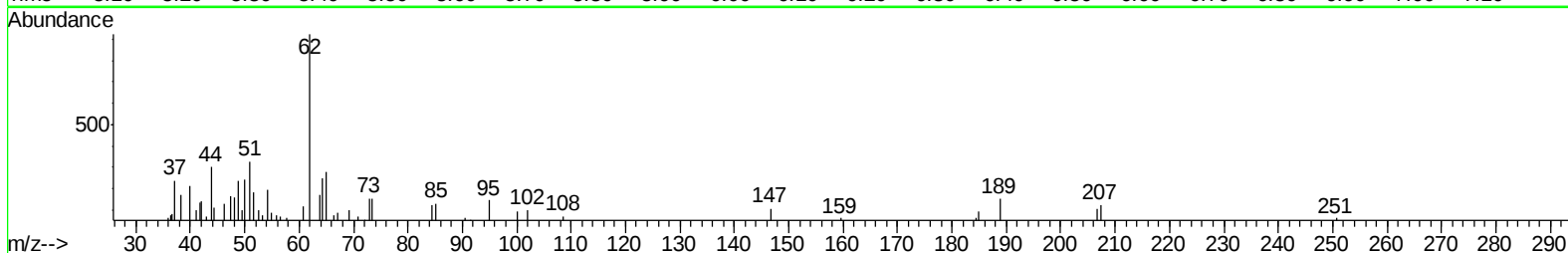
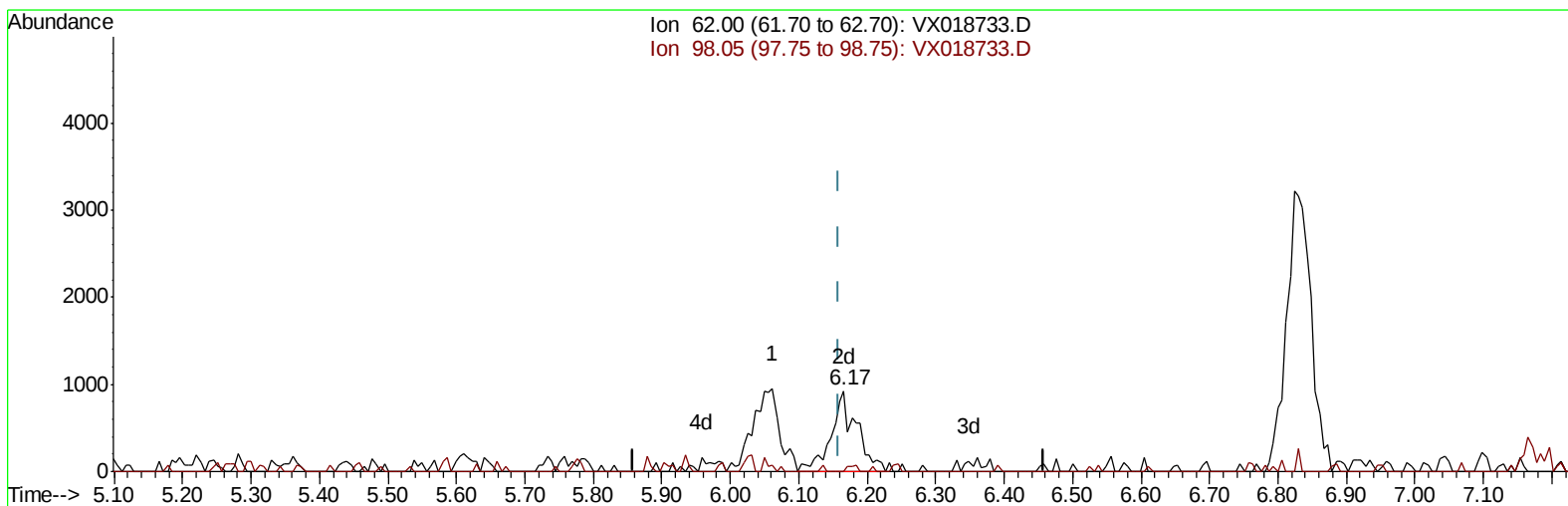
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TIC: VX018733.D

(27) 1,2-Dichloroethane (T)

6.166min (+0.006) 0.20ug/L m

response 2403

| Ion   | Exp% | Act%  |
|-------|------|-------|
| 62.00 | 100  | 100   |
| 98.05 | 8.70 | 0.00# |
| 0.00  | 0.00 | 0.00  |
| 0.00  | 0.00 | 0.00  |

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Manual Integrations  
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Quant Time: Oct 02 09:21:49 2020  
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 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Oct 02 08:54:14 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.83  | 114  | 199536   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 10.10 | 117  | 188196   | 5.00 | ug/L  | 0.00     |
| 61) 1,4-Dichlorobenzene-d4 | 12.06 | 152  | 100572   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 1.39   | 65    | 69189    | 6.63     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 132.60%# |
| 7) Chloroethane-d5             | 1.70   | 69    | 51525    | 5.85     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 117.00%  |
| 11) 1,1-Dichloroethene-d2      | 2.34   | 63    | 118536   | 5.14     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 102.80%  |
| 20) 2-Butanone-d5              | 4.54   | 46    | 182068   | 68.38    | ug/L | -0.02    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 136.76%# |
| 24) Chloroform-d               | 5.14   | 84    | 155762   | 6.30     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 126.00%# |
| 26) 1,2-Dichloroethane-d4      | 6.03   | 65    | 94026    | 6.52     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 130.40%# |
| 32) Benzene-d6                 | 6.05   | 84    | 263506   | 6.07     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 121.40%  |
| 36) 1,2-Dichloropropane-d6     | 7.37   | 67    | 77239    | 5.84     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 116.80%  |
| 41) Toluene-d8                 | 8.70   | 98    | 246423   | 5.70     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 114.00%  |
| 45) trans-1,3-Dichloropropene- | 8.99   | 79    | 39442    | 6.70     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 134.00%# |
| 48) 2-Hexanone-d5              | 9.43   | 63    | 144244   | 68.42    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 136.84%# |
| 59) 1,1,2,2-Tetrachloroethane- | 11.23  | 84    | 60344    | 6.12     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 122.40%# |
| 65) 1,2-Dichlorobenzene-d4     | 12.36  | 152   | 107169   | 6.52     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 130.40%# |

## Target Compounds

| Target Compounds          | R.T.  | QIon | Response | Conc   | Units  | Ovalue |
|---------------------------|-------|------|----------|--------|--------|--------|
| 5) Vinyl chloride         | 1.39  | 62   | 5358     | 0.496  | ug/L   | 86     |
| 13) Acetone               | 2.44  | 43   | 27222    | 18.472 | ug/L   | 95     |
| 14) Carbon disulfide      | 2.55  | 76   | 14277    | 0.482  | ug/L # | 95     |
| 19) 1,1-Dichloroethane    | 3.67  | 63   | 9488     | 0.543  | ug/L   | 94     |
| 21) 2-Butanone            | 4.64  | 43   | 13596    | 5.812  | ug/L # | 56     |
| 27) 1,2-Dichloroethane    | 6.17  | 62   | 2403m    | 0.199  | ug/L   |        |
| 30) Cyclohexane           | 5.54  | 56   | 4989     | 0.350  | ug/L   | 94     |
| 42) Toluene               | 8.76  | 91   | 307861   | 7.855  | ug/L   | 99     |
| 47) 1,1,2-Trichloroethane | 9.19  | 97   | 939      | 0.135  | ug/L   | 83     |
| 50) 2-Hexanone            | 9.47  | 43   | 7573     | 1.994  | ug/L # | 87     |
| 54) Ethylbenzene          | 10.23 | 91   | 17817    | 0.417  | ug/L   | 93     |
| 55) m,p-xylene            | 10.34 | 106  | 16484    | 1.010  | ug/L   | 84     |
| 56) o-xylene              | 10.68 | 106  | 14115    | 0.915  | ug/L   | 86     |

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

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