

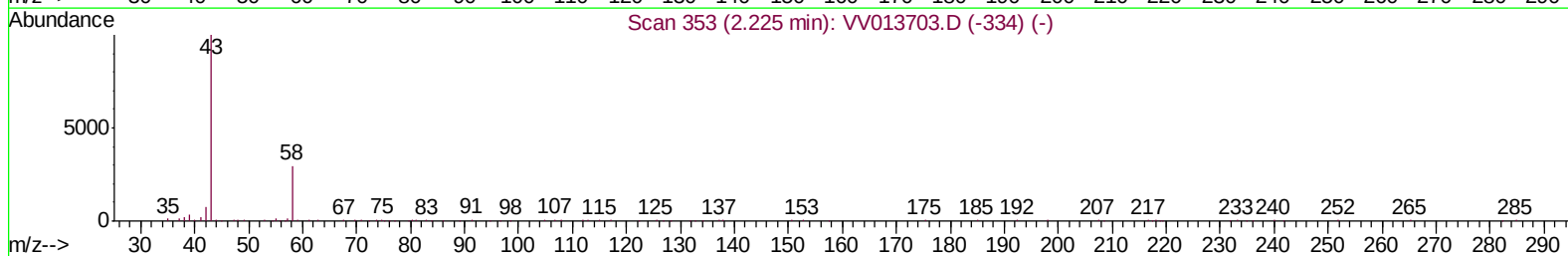
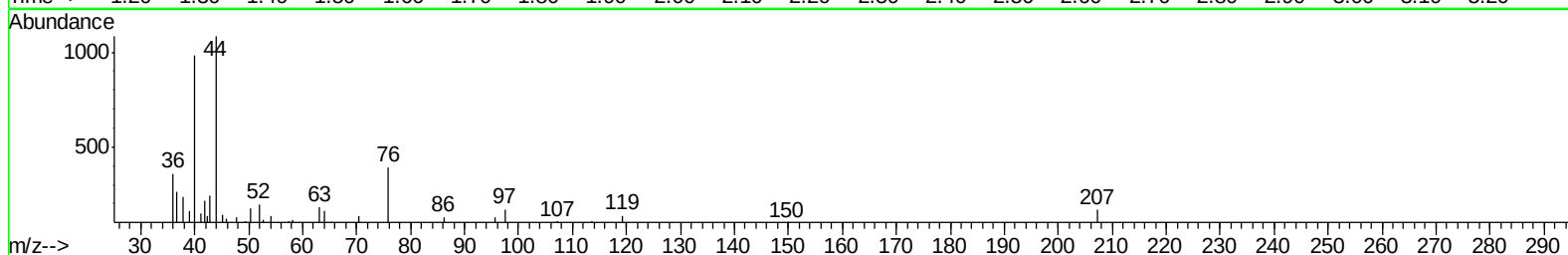
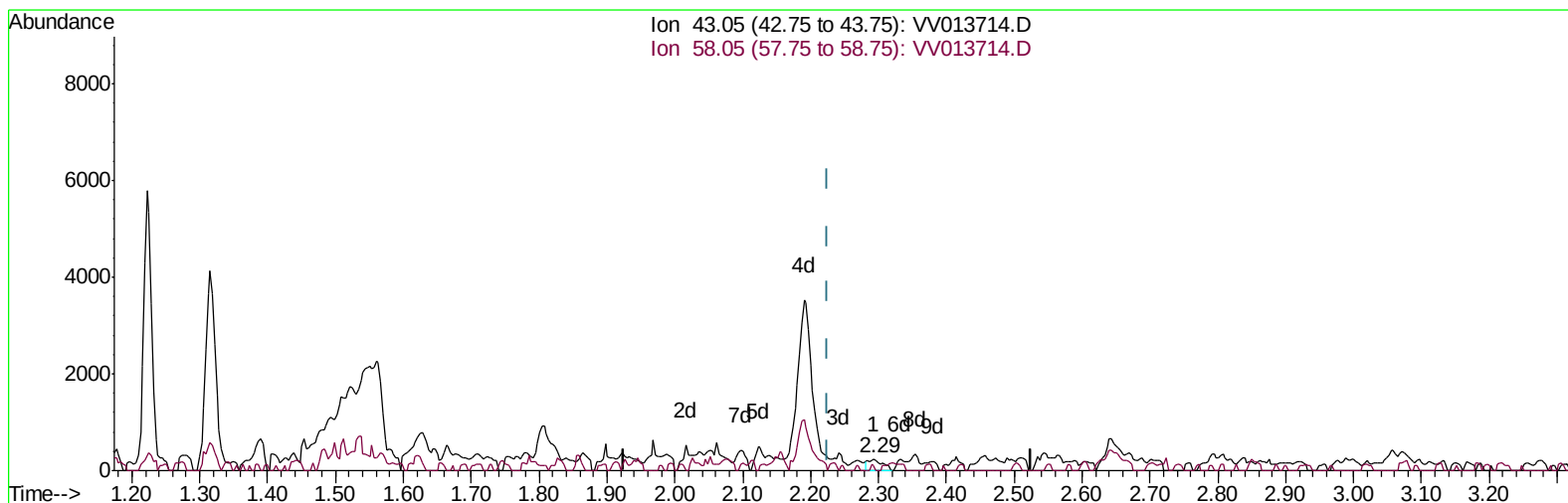
Data File : VV013714.D  
Acq On : 21 Nov 2019 15:31  
Operator : SY/MD  
Sample : K5941-07 10X  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
B0AB9

Manual Integrations  
APPROVED

MMDadoda  
11/22/2019 9:48:45 AM

Quant Time: Nov 22 03:59:39 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR111519WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Fri Nov 22 03:55:18 2019  
Response via : Initial Calibration



TIC: VV013714.D

(13) Acetone (T)

2.293min (+0.068) 0.12ug/L

response 359

| Ion   | Exp% | Act%  |
|-------|------|-------|
| 43.05 | 100  | 100   |
| 58.05 | 8.50 | 12.81 |
| 0.00  | 0.00 | 0.00  |
| 0.00  | 0.00 | 0.00  |

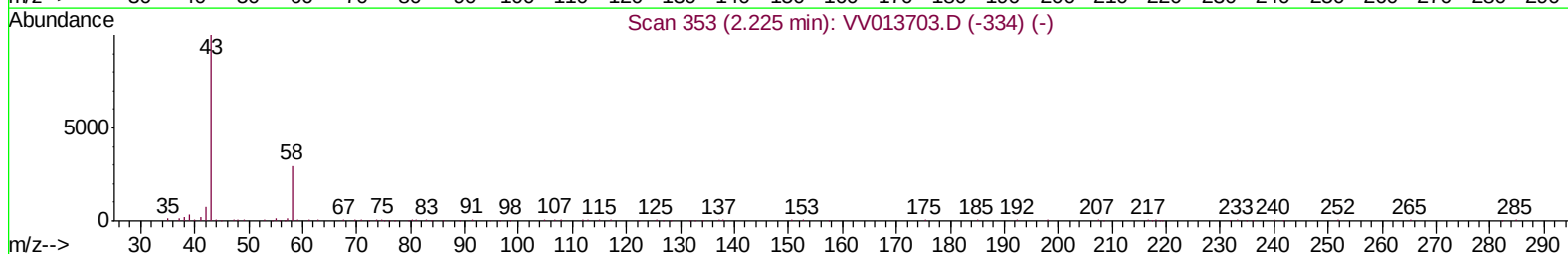
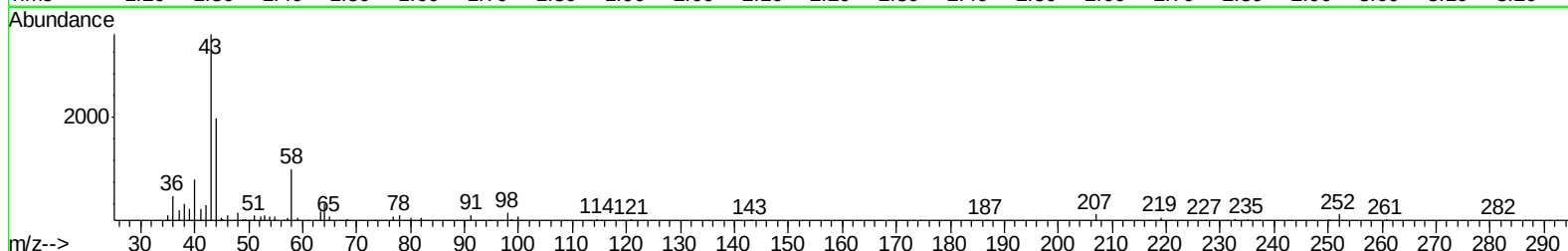
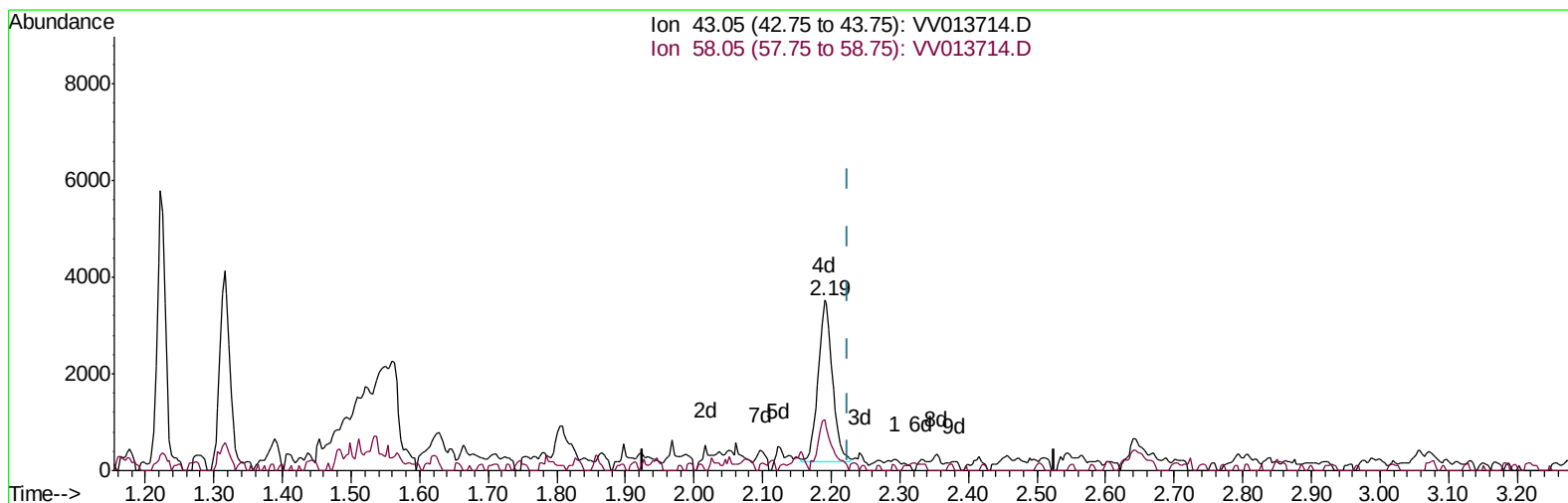
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TIC: VV013714.D

(13) Acetone (T)

2.190min (-0.035) 1.56ug/L m

response 4767

| Ion   | Exp% | Act% |
|-------|------|------|
| 43.05 | 100  | 100  |
| 58.05 | 8.50 | 0.96 |
| 0.00  | 0.00 | 0.00 |
| 0.00  | 0.00 | 0.00 |

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Manual Integrations  
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MMDadoda  
11/22/2019 9:48:45 AM

Quant Time: Nov 22 04:59:47 2019  
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Quant Title : TRACE VOA SOM01.0  
QLast Update : Fri Nov 22 03:55:18 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 338725   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 327283   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152  | 158000   | 5.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 109243   | 5.22     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 104.40% |
| 7) Chloroethane-d5             | 1.56   | 69    | 76408    | 4.09     | ug/L | -0.02   |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 81.80%  |
| 11) 1,1-Dichloroethene-d2      | 2.12   | 63    | 156763   | 4.18     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 83.60%  |
| 20) 2-Butanone-d5              | 3.93   | 46    | 251205   | 51.92    | ug/L | -0.03   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 103.84% |
| 24) Chloroform-d               | 4.39   | 84    | 226630   | 4.90     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 98.00%  |
| 26) 1,2-Dichloroethane-d4      | 5.08   | 65    | 111513   | 5.02     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 100.40% |
| 32) Benzene-d6                 | 5.09   | 84    | 461485   | 5.06     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 101.20% |
| 36) 1,2-Dichloropropane-d6     | 6.11   | 67    | 140329   | 5.21     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 104.20% |
| 41) Toluene-d8                 | 7.36   | 98    | 401441   | 4.73     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 94.60%  |
| 43) trans-1,3-Dichloropropene- | 7.66   | 79    | 46726    | 4.51     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 90.20%  |
| 46) 2-Hexanone-d5              | 8.13   | 63    | 179054   | 45.60    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 91.20%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 93599    | 4.80     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 96.00%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.67  | 152   | 164929   | 5.42     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 108.40% |

| Target Compounds           |      |    |       |       | Qvalue    |
|----------------------------|------|----|-------|-------|-----------|
| 13) Acetone                | 2.19 | 43 | 4767m | 1.561 | ug/L      |
| 16) Methylene chloride     | 2.53 | 84 | 5806  | 0.206 | ug/L 99   |
| 19) 1,1-Dichloroethane     | 3.22 | 63 | 10633 | 0.239 | ug/L 94   |
| 22) cis-1,2-Dichloroethene | 3.96 | 96 | 4532  | 0.175 | ug/L # 83 |
| 34) Trichloroethene        | 5.96 | 95 | 24583 | 0.927 | ug/L 91   |

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

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