

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW021921\  
 Data File : VW018209.D  
 Acq On : 19 Feb 2021 13:08  
 Operator : SY/VA  
 Sample : VW0219SBL01  
 Misc : 5.00G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VBLK12

Manual Integrations  
 APPROVED

MMDadoda  
 2/22/2021 4:59:41 PM

Quant Time: Feb 19 17:43:41 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SOM2WLM012921S.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Feb 19 17:37:31 2021  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|--------|----------|
| -----                         |                |      |            |         |        |          |
| Internal Standards            |                |      |            |         |        |          |
| 1) 1,4-Difluorobenzene        | 8.842          | 114  | 363468     | 25.00   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.634         | 117  | 327481     | 25.00   | ug/L   | 0.00     |
| 60) 1,4-Dichlorobenzene-d4    | 13.560         | 152  | 175227     | 25.00   | ug/L   | 0.00     |
|                               |                |      |            |         |        |          |
| System Monitoring Compounds   |                |      |            |         |        |          |
| 4) Vinyl Chloride-d3          | 2.361          | 65   | 79784      | 17.66   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 70.64%  |        |          |
| 7) Chloroethane-d5            | 2.898          | 69   | 71909      | 20.06   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 80.24%  |        |          |
| 10) 1,1-Dichloroethene-d2     | 4.025          | 63   | 136586     | 15.12   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 60.48%  |        |          |
| 20) 2-Butanone-d5             | 7.074          | 46   | 52444      | 43.51   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 87.02%  |        |          |
| 24) Chloroform-d              | 7.647          | 84   | 230725     | 24.19   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 96.76%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 8.305          | 65   | 118131     | 23.25   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 93.00%  |        |          |
| 29) Benzene-d6                | 8.275          | 84   | 453461     | 25.22   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 100.88% |        |          |
| 33) 1,2-Dichloropropane-d6    | 9.275          | 67   | 130552     | 25.96   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 103.84% |        |          |
| 37) Toluene-d8                | 10.323         | 98   | 431675     | 25.23   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 100.92% |        |          |
| 38) trans-1,3-Dichloroprop... | 10.579         | 79   | 54877      | 24.07   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 96.28%  |        |          |
| 39) 2-Hexanone-d5             | 10.921         | 63   | 44825      | 46.62   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 93.24%  |        |          |
| 48) 1,1,2,2-Tetrachloroeth... | 12.695         | 84   | 109632     | 24.82   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 99.28%  |        |          |
| 61) 1,2-Dichlorobenzene-d4    | 13.853         | 152  | 171760     | 27.48   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 109.92% |        |          |
|                               |                |      |            |         |        |          |
| Target Compounds              |                |      |            |         | Qvalue |          |
| 13) Acetone                   | 4.123          | 43   | 1190m      | 1.33    | ug/L   |          |
| 16) Methylene chloride        | 4.928          | 84   | 6697       | 1.15    | ug/L   | 90       |
| 68) 1,2,4-trichlorobenzene    | 15.133         | 180  | 1499       | 0.21    | ug/L   | 92       |
| -----                         |                |      |            |         |        |          |

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

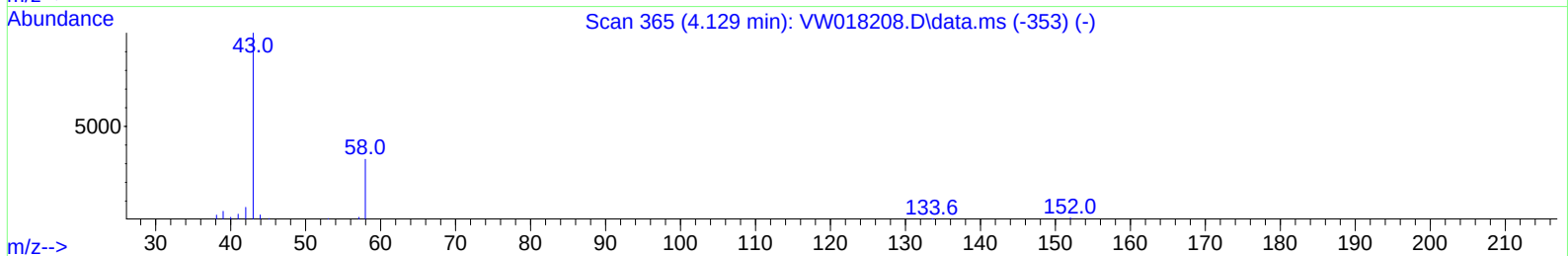
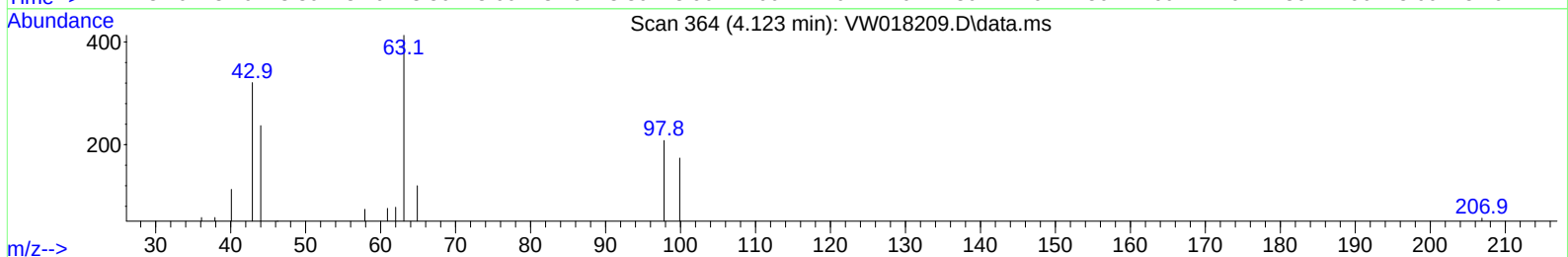
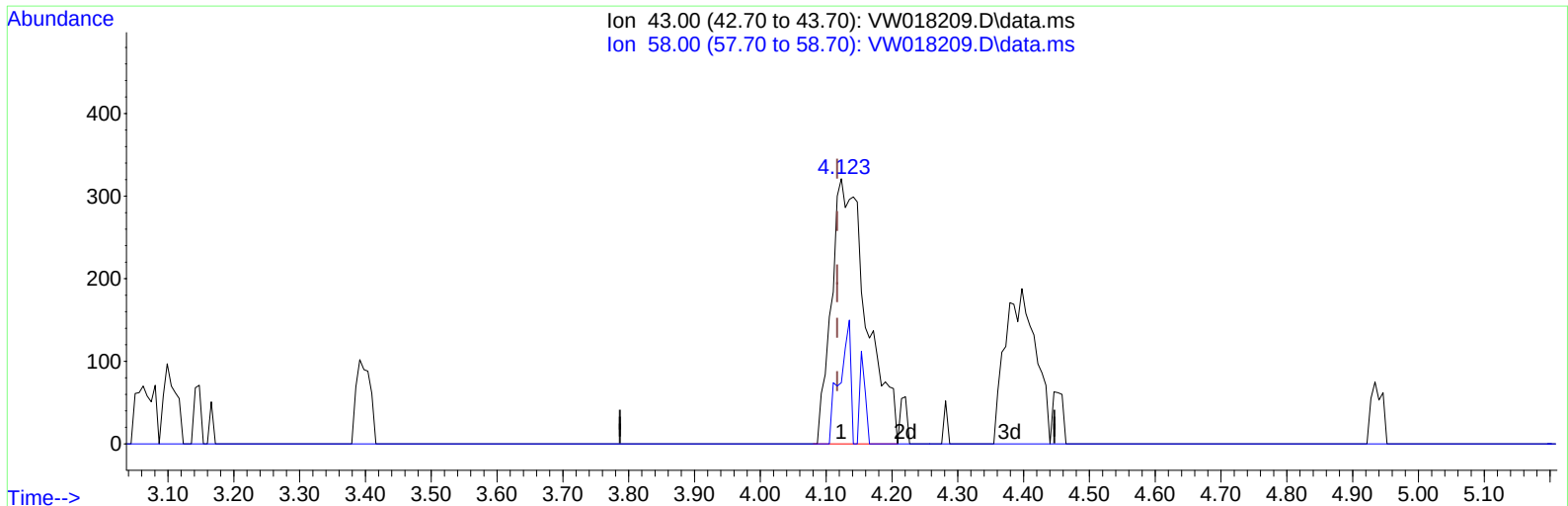
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TIC: VW018209.D\data.ms

(13) Acetone (T)

4.123min (+ 0.006) 1.33 ug/L m

response 1190

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.00 | 100.00 | 100.00 |
| 58.00 | 34.20  | 10.42  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

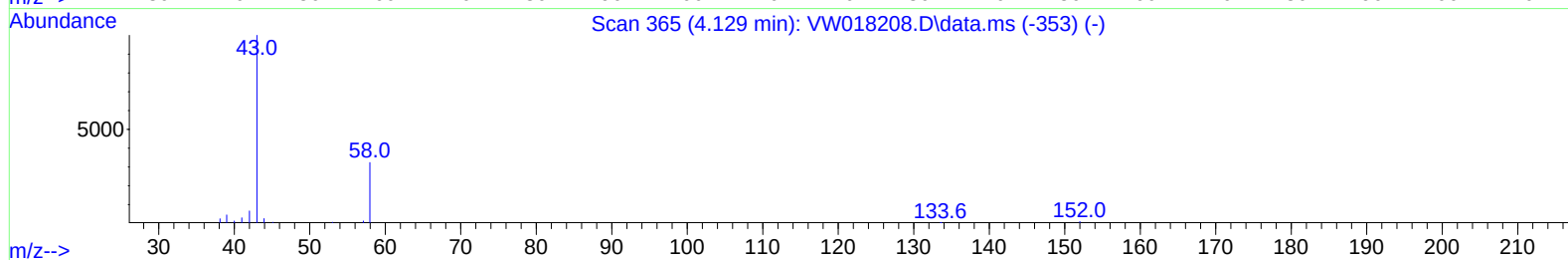
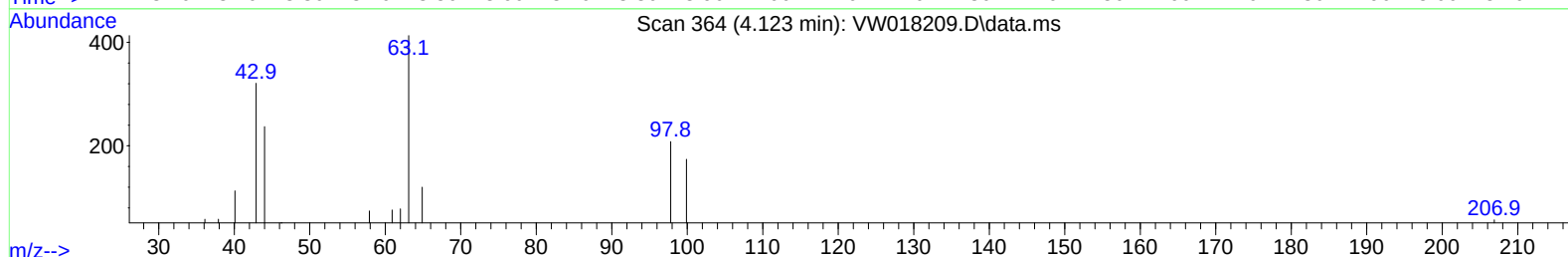
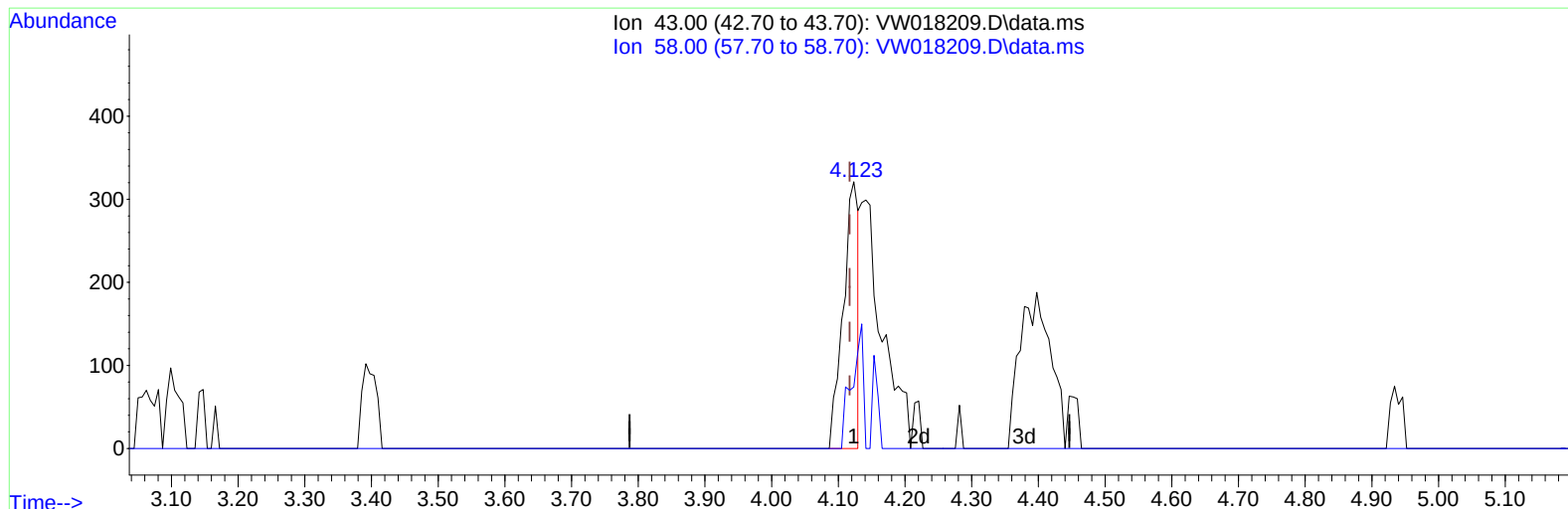
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TIC: VW018209.D\data.ms

(13) Acetone (T)

4.123min (+ 0.006) 0.57 ug/L

response 509

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.00 | 100.00 | 100.00 |
| 58.00 | 34.20  | 24.36  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

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