

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102919\  
 Data File : VW013811.D  
 Acq On : 29 Oct 2019 23:54  
 Operator : SY/VA  
 Sample : K5565-07  
 Misc : 5.72G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 JLNA6

Quant Time: Oct 30 07:43:04 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM101819S.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Oct 30 08:16:17 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 327789   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 300414   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 140045   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 82001    | 20.39    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 81.56% |
| 7) Chloroethane-d5             | 2.89   | 69    | 72842    | 19.40    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 77.60% |
| 10) 1,1-Dichloroethene-d2      | 4.03   | 63    | 129815   | 14.61    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 58.44% |
| 20) 2-Butanone-d5              | 7.07   | 46    | 53732    | 37.36    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 74.72% |
| 24) Chloroform-d               | 7.65   | 84    | 193785   | 21.13    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 84.52% |
| 26) 1,2-Dichloroethane-d4      | 8.30   | 65    | 101187   | 21.10    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 84.40% |
| 29) Benzene-d6                 | 8.27   | 84    | 409047   | 22.66    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 90.64% |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 125849   | 23.35    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 93.40% |
| 37) Toluene-d8                 | 10.32  | 98    | 366395   | 22.01    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 88.04% |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 42982    | 17.68    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 70.72% |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 42793    | 41.53    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 83.06% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 91496    | 20.72    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 82.88% |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 110969   | 22.42    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 89.68% |

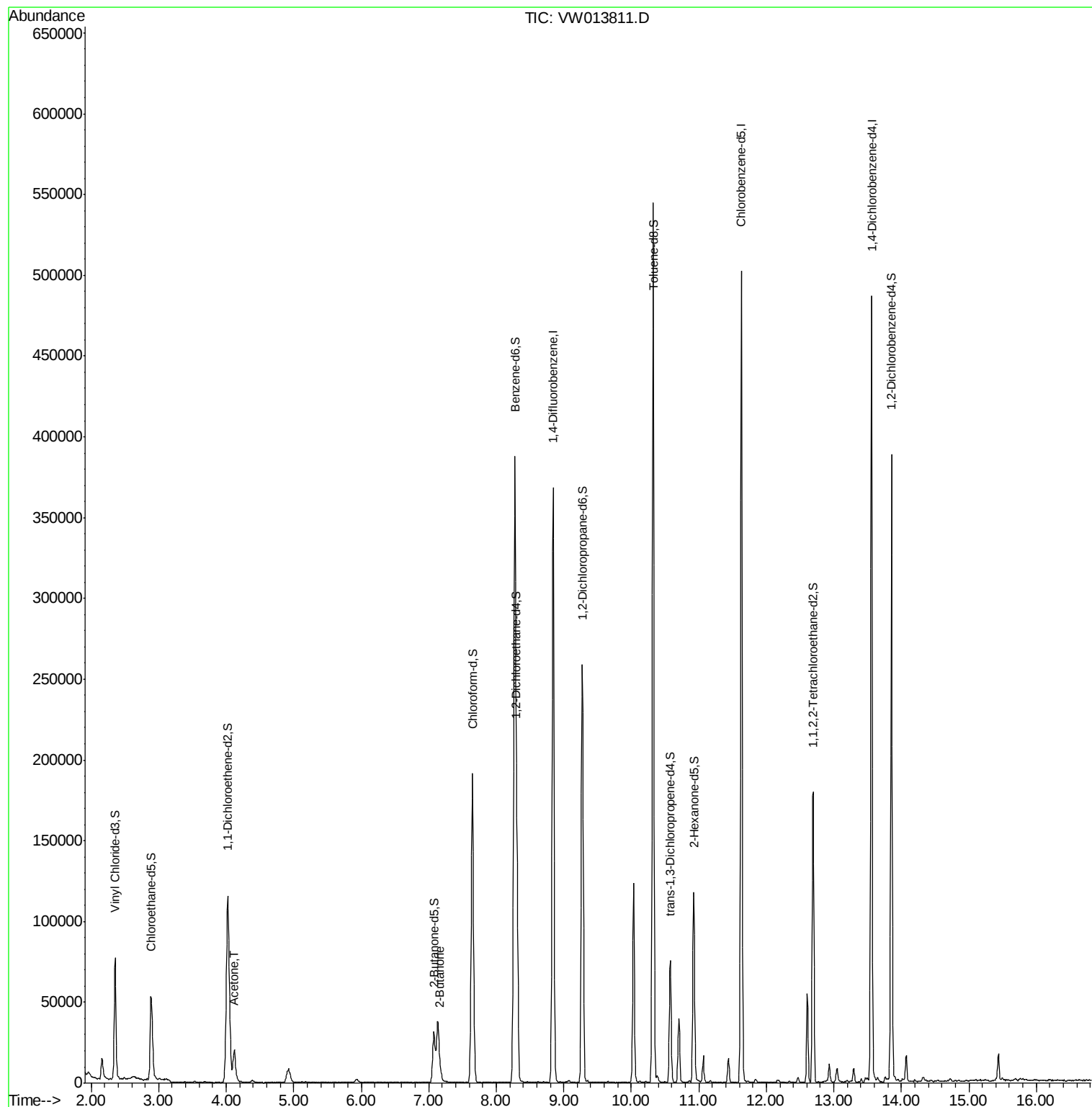
| Target Compounds |      |    |       |              | Ovalue |
|------------------|------|----|-------|--------------|--------|
| 13) Acetone      | 4.12 | 43 | 33283 | 20.848 ug/L  | 95     |
| 21) 2-Butanone   | 7.16 | 43 | 8137  | 4.014 ug/L # | 65     |

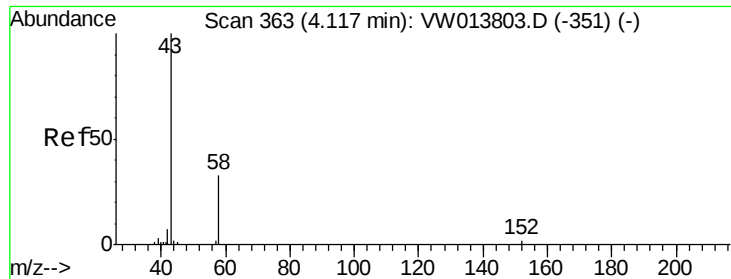
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102919\  
Data File : VW013811.D  
Acq On : 29 Oct 2019 23:54  
Operator : SY/VA  
Sample : K5565-07  
Misc : 5.72G/10ML/MSVOA W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
JLNA6

Quant Time: Oct 30 07:43:04 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM101819S.M  
Quant Title : VOC Analysis  
QLast Update : Wed Oct 30 08:16:17 2019  
Response via : Initial Calibration





#13

Acetone

Concen: 20.848 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW013811.D

Acq: 29 Oct 2019 23:54

Instrument :

MSVOA\_W

ClientSampleId :

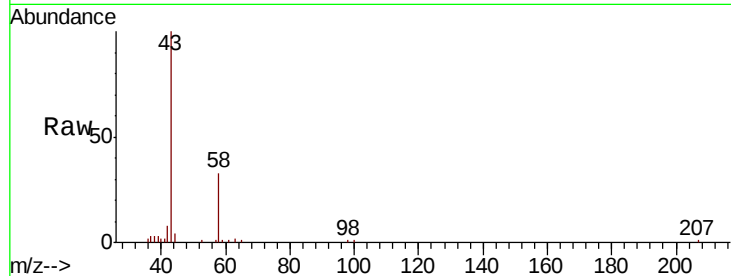
JLNA6

Tot Ion: 43 Resp: 33283

Ion Ratio Lower Upper

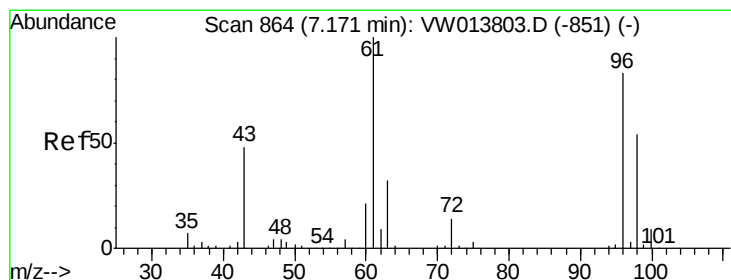
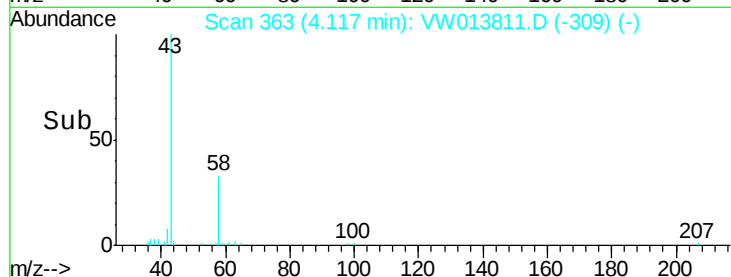
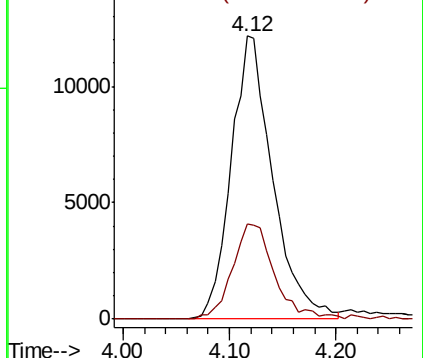
43 100

58 32.5 0.0 70.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#21

2-Butanone

Concen: 4.014 ug/L

RT: 7.16 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW013811.D

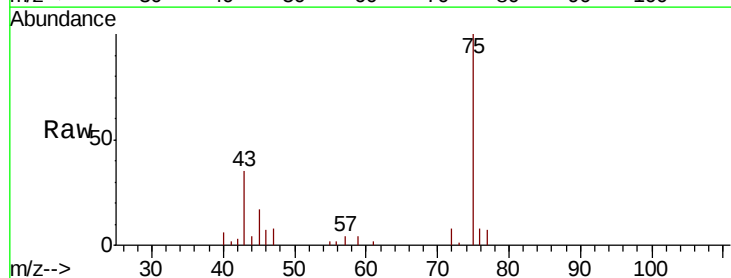
Acq: 29 Oct 2019 23:54

Tgt Ion: 43 Resp: 8137

Ion Ratio Lower Upper

43 100

72 9.2 13.7 41.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

