

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092820\  
 Data File : VW016659.D  
 Acq On : 28 Sep 2020 11:03  
 Operator : SY/VA  
 Sample : VW0928SBL01  
 Misc : 5.00G/10ML/MSVOA W/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VBLK21

Quant Time: Sep 29 05:39:54 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM091520S.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Sep 29 05:26:53 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.85  | 114  | 629378   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 565406   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 274400   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 2.37   | 65    | 103058   | 16.92    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 67.68% |
| 7) Chloroethane-d5             | 2.91   | 69    | 93875    | 18.87    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 75.48% |
| 10) 1,1-Dichloroethene-d2      | 4.03   | 63    | 168061   | 12.34    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 49.36% |
| 20) 2-Butanone-d5              | 7.09   | 46    | 69846    | 42.05    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 84.10% |
| 24) Chloroform-d               | 7.66   | 84    | 291873   | 22.17    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 88.68% |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 151594   | 22.43    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 89.72% |
| 29) Benzene-d6                 | 8.28   | 84    | 525739   | 20.73    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 82.92% |
| 33) 1,2-Dichloropropane-d6     | 9.28   | 67    | 156046   | 22.71    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 90.84% |
| 37) Toluene-d8                 | 10.33  | 98    | 479017   | 19.20    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 76.80% |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 71134    | 20.53    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 82.12% |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 57065    | 45.66    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 91.32% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 134882   | 23.07    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 92.28% |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 203028   | 23.16    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 92.64% |

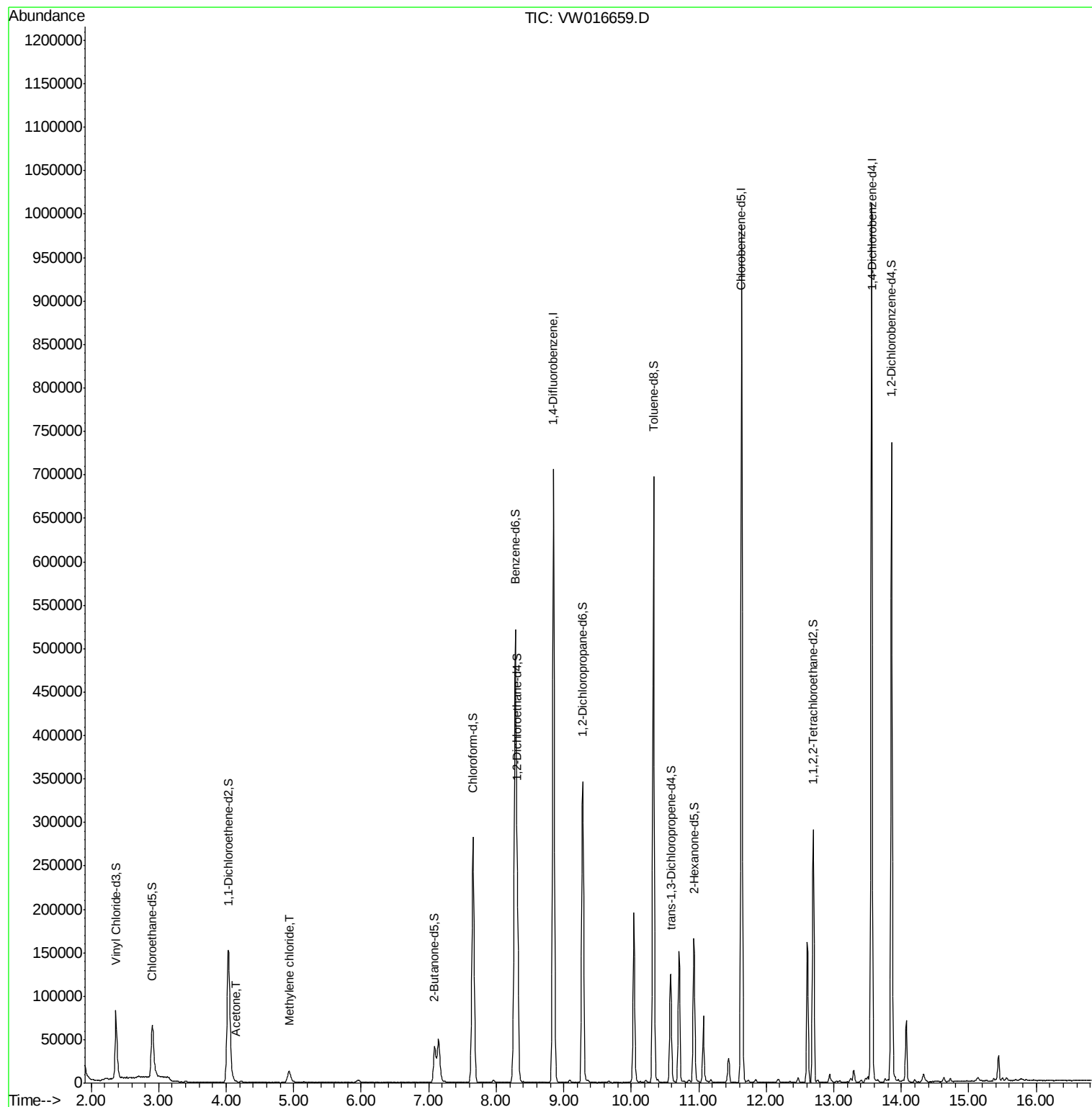
| Target Compounds       |      |    |       |            | Ovalue |
|------------------------|------|----|-------|------------|--------|
| 13) Acetone            | 4.14 | 43 | 1984  | 1.525 ug/L | 57     |
| 16) Methylene chloride | 4.93 | 84 | 11972 | 1.233 ug/L | 87     |

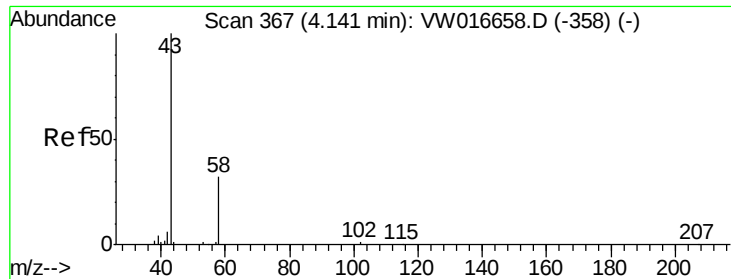
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092820\  
Data File : VW016659.D  
Acq On : 28 Sep 2020 11:03  
Operator : SY/VA  
Sample : VW0928SBL01  
Misc : 5.00G/10ML/MSVOA W/SOIL  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
VBLK21

Quant Time: Sep 29 05:39:54 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM091520S.M  
Quant Title : VOC Analysis  
QLast Update : Tue Sep 29 05:26:53 2020  
Response via : Initial Calibration

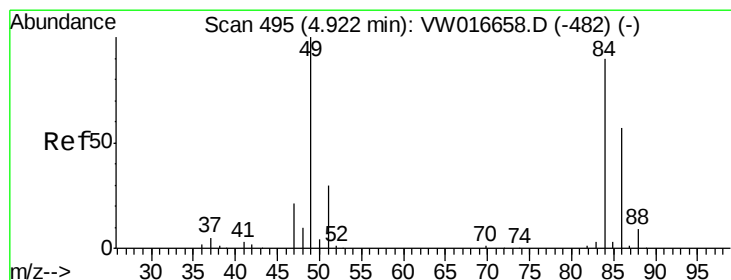
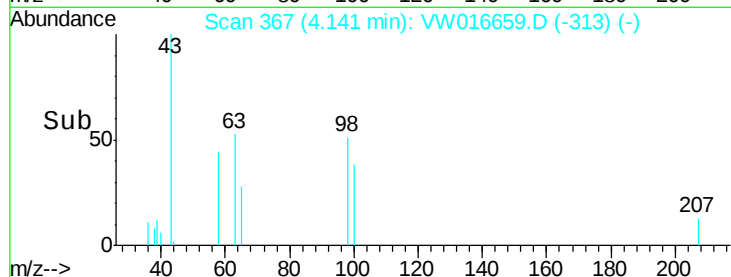
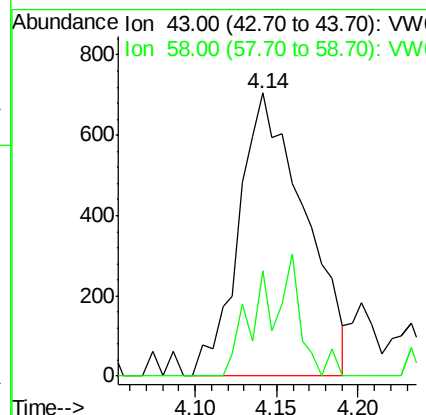
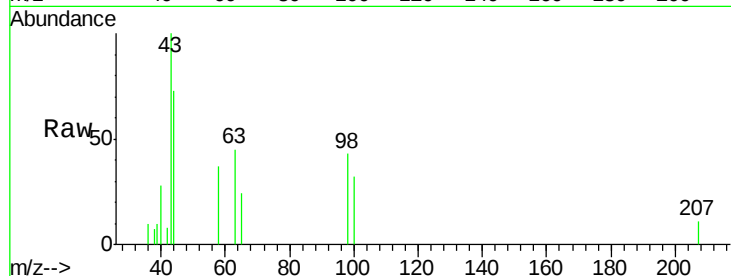




#13  
Acetone  
Concen: 1.525 ug/L  
RT: 4.14 min Scan# 367  
Delta R.T. 0.00 min  
Lab File: VW016659.D  
Acq: 28 Sep 2020 11:03

Instrument :  
MSVOA\_W  
ClientSampled :  
VBLK21

Tot Ion: 43 Resp: 1984  
Ion Ratio Lower Upper  
43 100  
58 7.0 0.0 60.2



#16  
Methylene chloride  
Concen: 1.233 ug/L  
RT: 4.93 min Scan# 497  
Delta R.T. 0.01 min  
Lab File: VW016659.D  
Acq: 28 Sep 2020 11:03

Tgt Ion: 84 Resp: 11972  
Ion Ratio Lower Upper  
84 100  
49 92.6 76.0 141.2  
86 57.2 45.6 84.6

