

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_W\DATA\VW062018\  
 Data File : VW003372.D  
 Acq On : 21 Jun 2018 00:04  
 Operator : SY/AP  
 Sample : J3569-19  
 Misc : 4.73G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 DAXT2

Quant Time: Jun 21 05:06:27 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM062018S.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Jun 21 05:02:42 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.85  | 114  | 362579   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 261068   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.57 | 152  | 69227    | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 138618   | 28.19    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 112.76%  |
| 7) Chloroethane-d5             | 2.89   | 69    | 101223   | 24.67    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 98.68%   |
| 10) 1,1-Dichloroethene-d2      | 4.00   | 63    | 196615   | 20.14    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 80.56%   |
| 20) 2-Butanone-d5              | 7.09   | 46    | 59589    | 38.46    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 76.92%   |
| 24) Chloroform-d               | 7.65   | 84    | 245536   | 25.74    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 102.96%  |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 154419   | 27.25    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 109.00%  |
| 29) Benzene-d6                 | 8.28   | 84    | 471885   | 34.07    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 136.28%# |
| 33) 1,2-Dichloropropane-d6     | 9.28   | 67    | 155714   | 35.51    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 142.04%# |
| 37) Toluene-d8                 | 10.33  | 98    | 393223   | 29.69    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 118.76%  |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 30439    | 14.79    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 59.16%   |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 23415    | 26.13    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 52.26%   |
| 48) 1,1,2,2-Tetrachloroethane- | 12.70  | 84    | 92802    | 22.75    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 91.00%   |
| 61) 1,2-Dichlorobenzene-d4     | 13.86  | 152   | 61003    | 23.33    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 93.32%   |

## Target Compounds

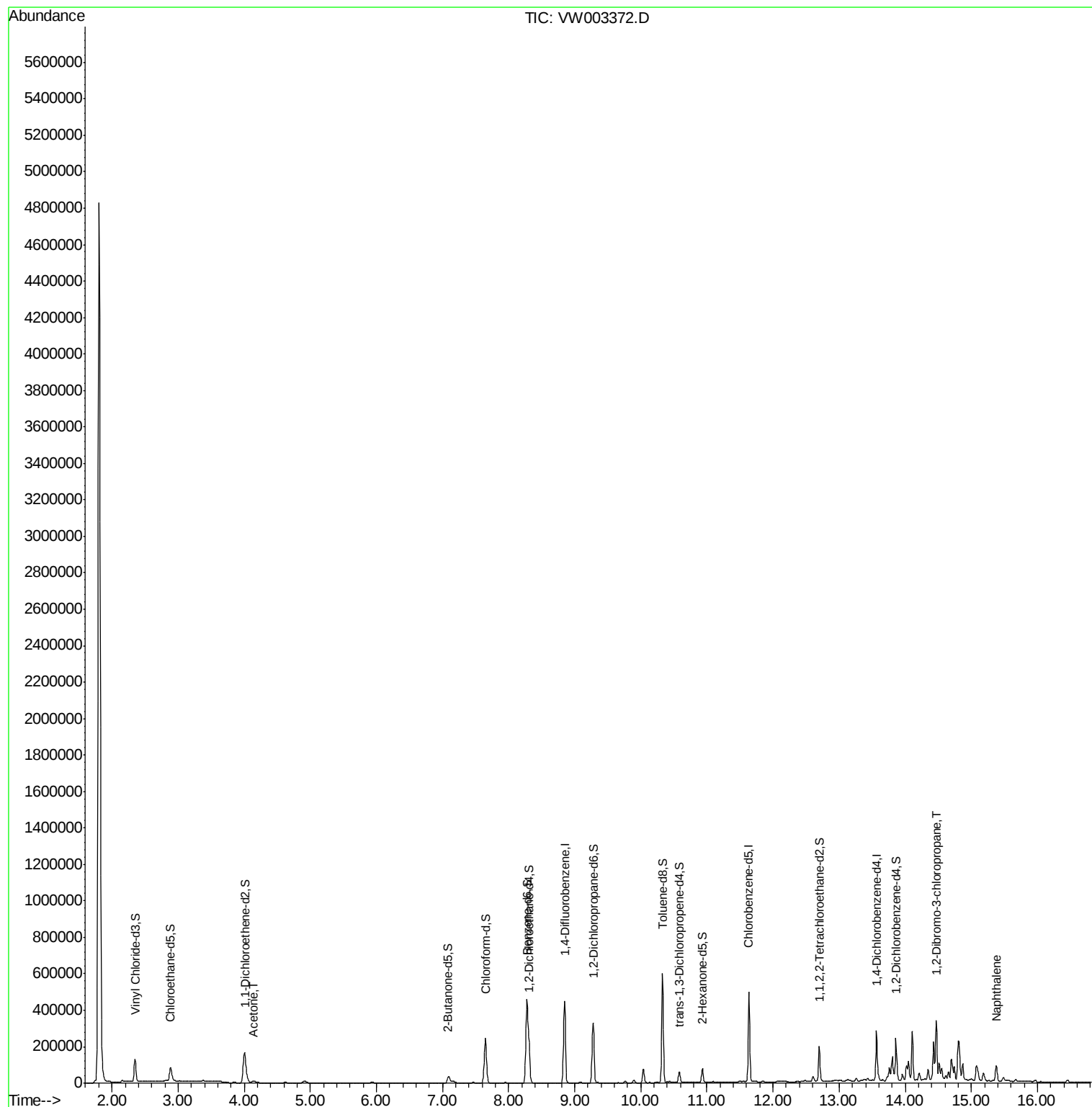
|                                |       |     |       |              | Qvalue |
|--------------------------------|-------|-----|-------|--------------|--------|
| 13) Acetone                    | 4.15  | 43  | 12995 | 7.868 ug/L   | 79     |
| 66) 1,2-Dibromo-3-chloropropan | 14.47 | 75  | 3546  | 9.943 ug/L # | 9      |
| 69) Naphthalene                | 15.38 | 128 | 69911 | 13.877 ug/L  | 99     |

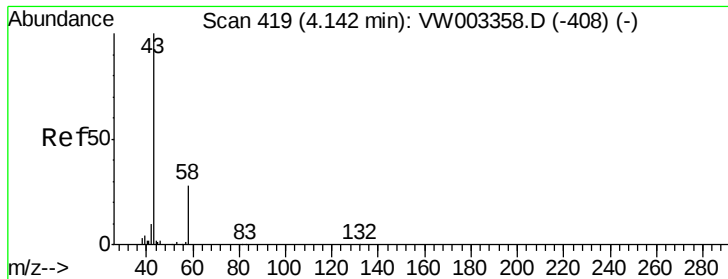
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis  
QLast Update : Thu Jun 21 05:02:42 2018  
Response via : Initial Calibration

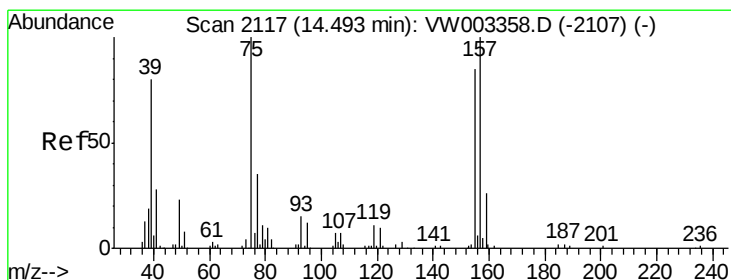
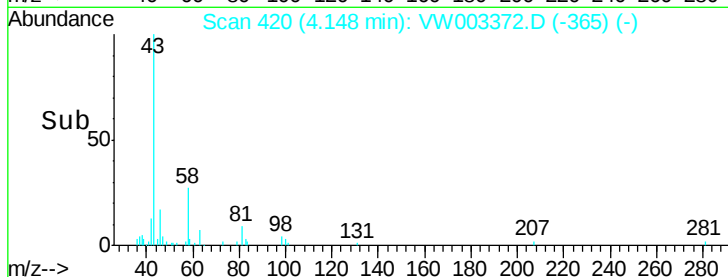
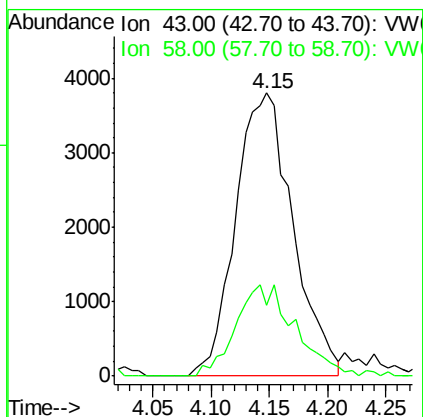
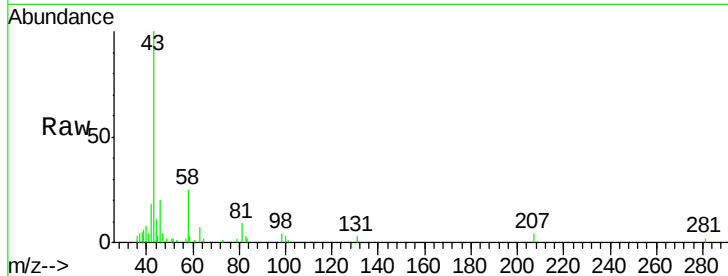




#13  
Acetone  
Concen: 7.868 ug/L  
RT: 4.15 min Scan# 420  
Delta R.T. 0.01 min  
Lab File: VW003372.D  
Acq: 21 Jun 2018 00:04

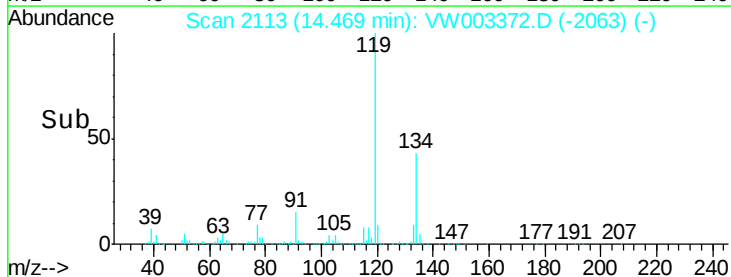
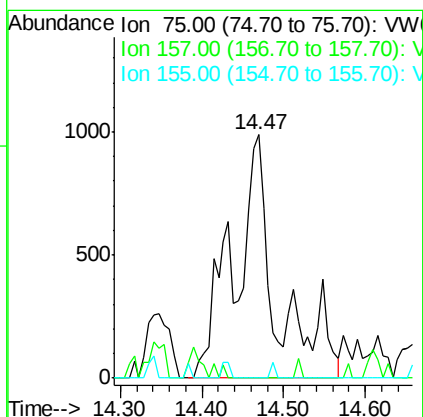
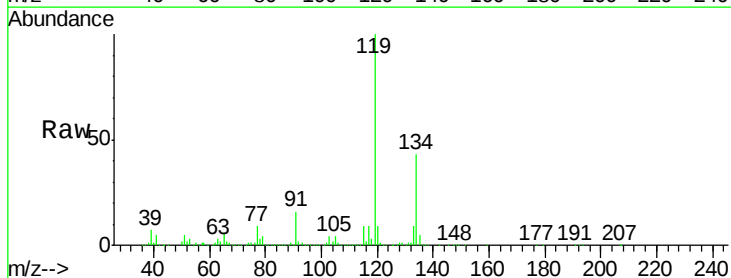
Instrument :  
MSVOA\_W  
ClientSampleId :  
DAXT2

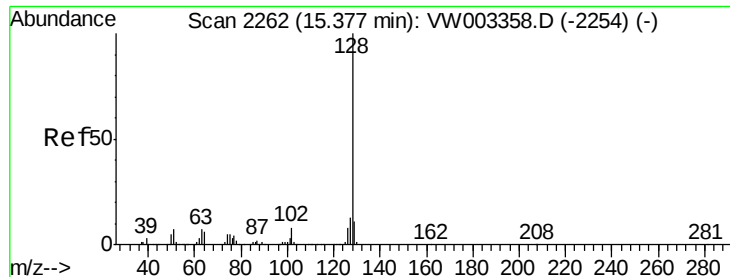
Tgt Ion: 43 Resp: 12995  
Ion Ratio Lower Upper  
43 100  
58 18.1 0.0 58.6



#66  
1,2-Dibromo-3-chloropropane  
Concen: 9.943 ug/L  
RT: 14.47 min Scan# 2113  
Delta R.T. -0.02 min  
Lab File: VW003372.D  
Acq: 21 Jun 2018 00:04

Tgt Ion: 75 Resp: 3546  
Ion Ratio Lower Upper  
75 100  
157 0.0 70.7 106.1#  
155 0.0 59.0 88.6#





#69

Naphthalene

Concen: 13.877 ug/L

RT: 15.38 min Scan# 2262

Delta R.T. -0.00 min

Lab File: VW003372.D

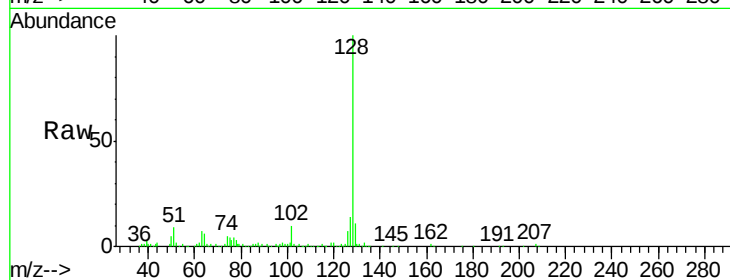
Acq: 21 Jun 2018 00:04

Instrument :

MSVOA\_W

ClientSampleId :

DAXT2



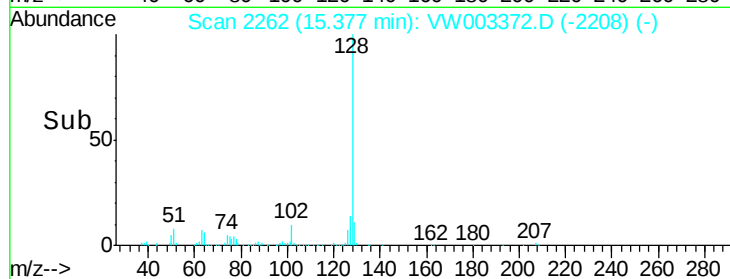
Tgt Ion:128 Resp: 69911

Ion Ratio Lower Upper

128 100

129 10.5 8.6 13.0

127 13.9 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

