

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061720\  
 Data File : VW015619.D  
 Acq On : 17 Jun 2020 16:11  
 Operator : SY/VA  
 Sample : L3027-07  
 Misc : 5.56G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BG2L0

Quant Time: Jun 18 07:17:56 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM052620S.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Jun 18 07:15:54 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.85  | 114  | 384375   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 345250   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 156019   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 115917   | 32.91    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 131.64% |
| 7) Chloroethane-d5             | 2.89   | 69    | 95179    | 27.17    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 108.68% |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 170624   | 19.88    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 79.52%  |
| 20) 2-Butanone-d5              | 7.09   | 46    | 47602    | 41.39    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 82.78%  |
| 24) Chloroform-d               | 7.65   | 84    | 219711   | 24.72    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 98.88%  |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 118490   | 23.96    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 95.84%  |
| 29) Benzene-d6                 | 8.28   | 84    | 435616   | 25.73    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 102.92% |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 127972   | 24.87    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 99.48%  |
| 37) Toluene-d8                 | 10.33  | 98    | 407352   | 24.75    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 99.00%  |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 50825    | 21.35    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 85.40%  |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 36573    | 41.06    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 82.12%  |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 83132    | 21.46    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 85.84%  |
| 61) 1,2-Dichlorobenzene-d4     | 13.86  | 152   | 126629   | 24.22    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 96.88%  |

## Target Compounds

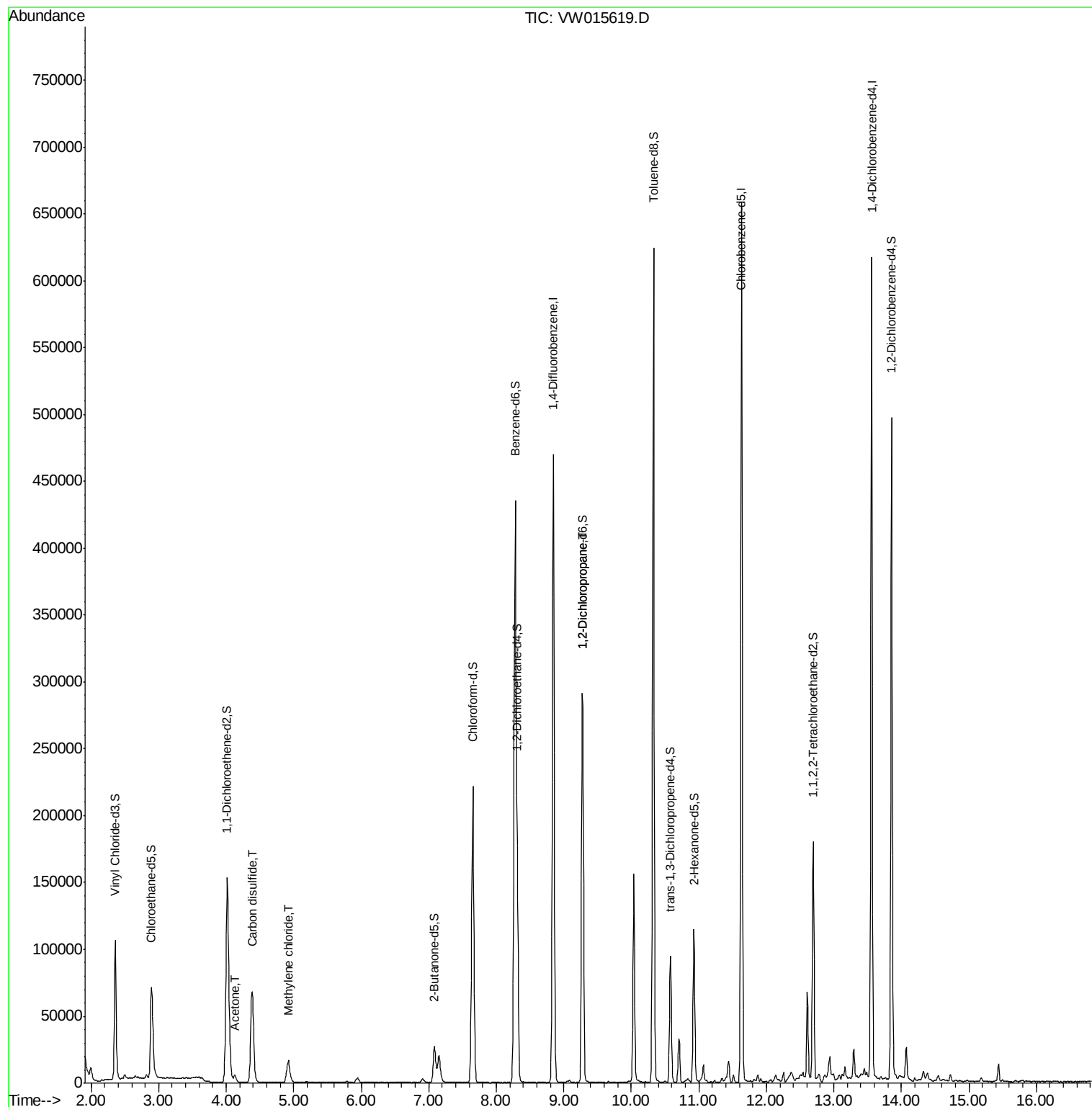
|                         |      |    |        |              | Ovalue |
|-------------------------|------|----|--------|--------------|--------|
| 13) Acetone             | 4.12 | 43 | 8173   | 9.193 ug/L   | 97     |
| 14) Carbon disulfide    | 4.39 | 76 | 153089 | 10.012 ug/L  | 99     |
| 16) Methylene chloride  | 4.92 | 84 | 13173  | 2.792 ug/L   | 97     |
| 40) 1,2-Dichloropropane | 9.27 | 63 | 15506  | 3.261 ug/L # | 85     |

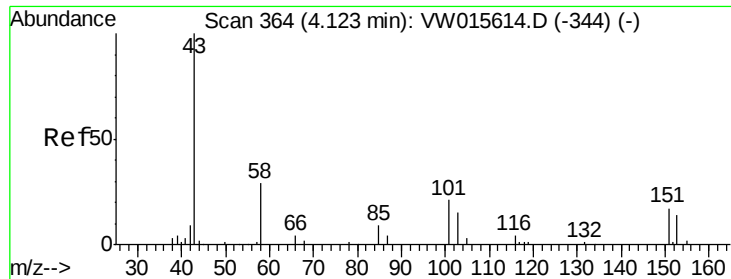
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW061720\  
Data File : VW015619.D  
Acq On : 17 Jun 2020 16:11  
Operator : SY/VA  
Sample : L3027-07  
Misc : 5.56G/10ML/MSVOA W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
BG2L0

Quant Time: Jun 18 07:17:56 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM052620S.M  
Quant Title : VOC Analysis  
QLast Update : Thu Jun 18 07:15:54 2020  
Response via : Initial Calibration





#13

Acetone

Concen: 9.193 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW015619.D

Acq: 17 Jun 2020 16:11

Instrument :

MSVOA\_W

ClientSampled :

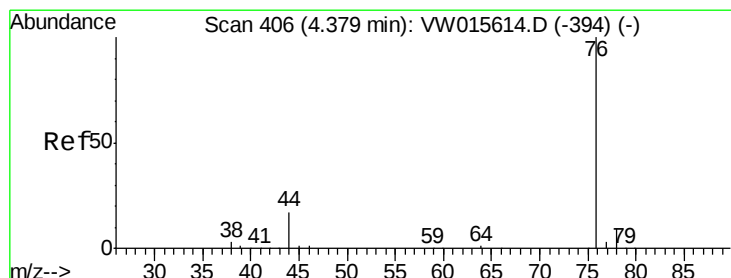
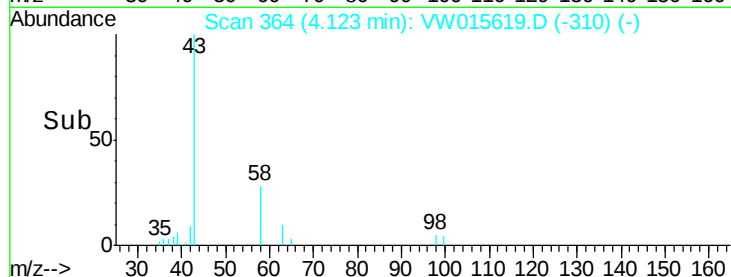
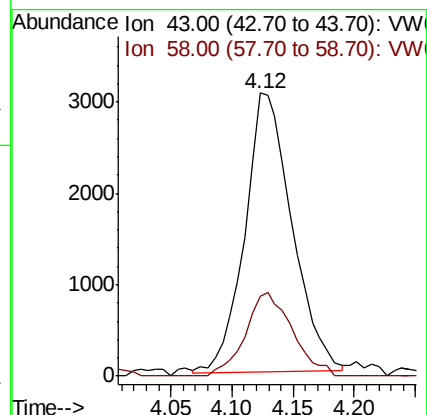
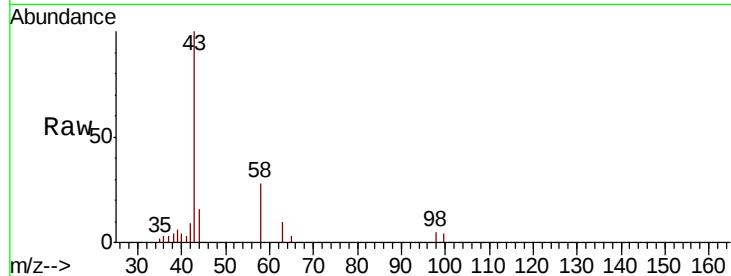
BG2L0

Tot Ion: 43 Resp: 8173

Ion Ratio Lower Upper

43 100

58 29.8 0.0 56.8



#14

Carbon disulfide

Concen: 10.012 ug/L

RT: 4.39 min Scan# 407

Delta R.T. 0.01 min

Lab File: VW015619.D

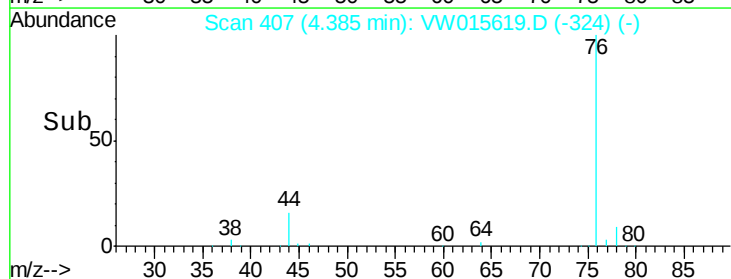
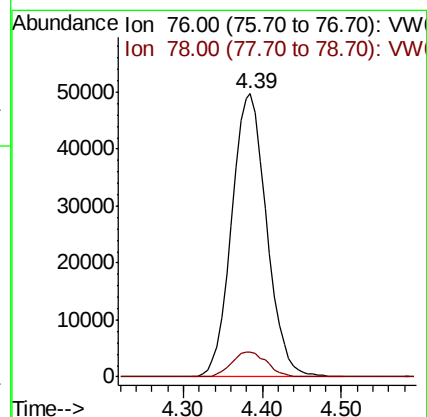
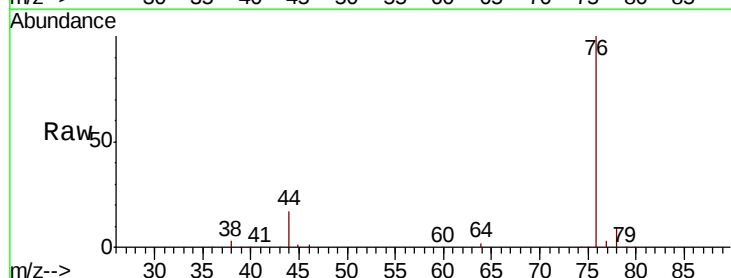
Acq: 17 Jun 2020 16:11

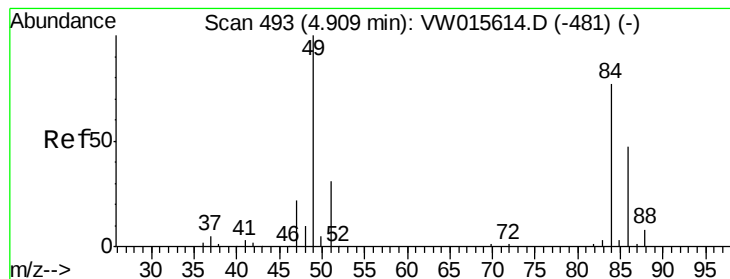
Tgt Ion: 76 Resp: 153089

Ion Ratio Lower Upper

76 100

78 8.8 7.3 10.9





#16

Methylene chloride

Concen: 2.792 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW015619.D

Acq: 17 Jun 2020 16:11

Instrument :

MSVOA\_W

ClientSampleId :

BG2L0

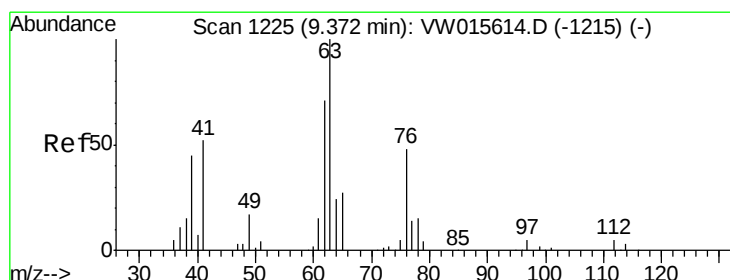
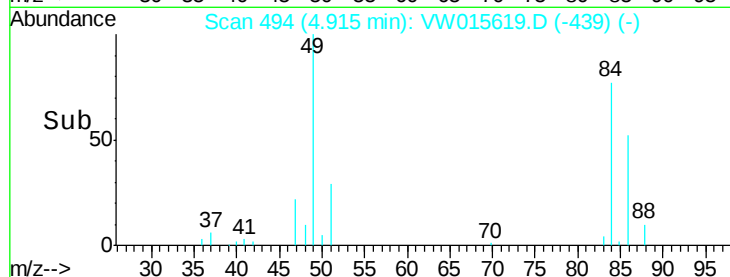
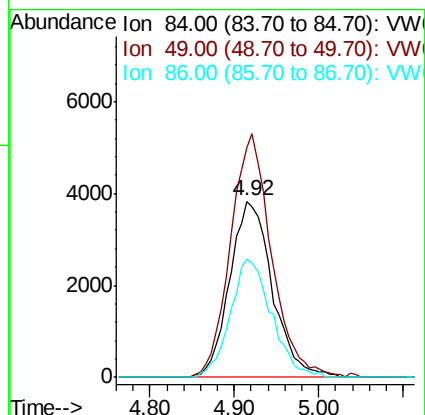
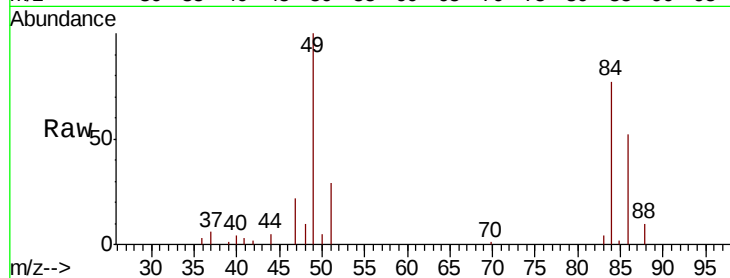
Tot Ion: 84 Resp: 13173

Ion Ratio Lower Upper

84 100

49 130.7 93.0 172.8

86 67.4 44.7 83.1



#40

1,2-Dichloropropane

Concen: 3.261 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW015619.D

Acq: 17 Jun 2020 16:11

Tgt Ion: 63 Resp: 15506

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#

