

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082620\  
 Data File : VW016355.D  
 Acq On : 26 Aug 2020 10:04  
 Operator : SY/VA  
 Sample : VW0826SBL01  
 Misc : 5.00G/10ML/MSVOA W/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VBLK09

Quant Time: Aug 27 02:42:09 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM082420S.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Aug 27 02:40:32 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.85  | 114  | 294865   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 279617   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 128559   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 2.36   | 65    | 64044    | 20.34    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 81.36% |
| 7) Chloroethane-d5             | 2.89   | 69    | 52508    | 21.97    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 87.88% |
| 10) 1,1-Dichloroethene-d2      | 4.02   | 63    | 122360   | 16.36    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 65.44% |
| 20) 2-Butanone-d5              | 7.08   | 46    | 38488    | 42.99    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 85.98% |
| 24) Chloroform-d               | 7.65   | 84    | 175453   | 22.83    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 91.32% |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 96258    | 24.30    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 97.20% |
| 29) Benzene-d6                 | 8.28   | 84    | 347708   | 22.27    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 89.08% |
| 33) 1,2-Dichloropropane-d6     | 9.28   | 67    | 98183    | 22.73    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 90.92% |
| 37) Toluene-d8                 | 10.33  | 98    | 335245   | 22.76    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 91.04% |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 46188    | 22.16    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 88.64% |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 28078    | 40.57    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 81.14% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 86132    | 23.96    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 95.84% |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 118375   | 24.01    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 96.04% |

## Target Compounds

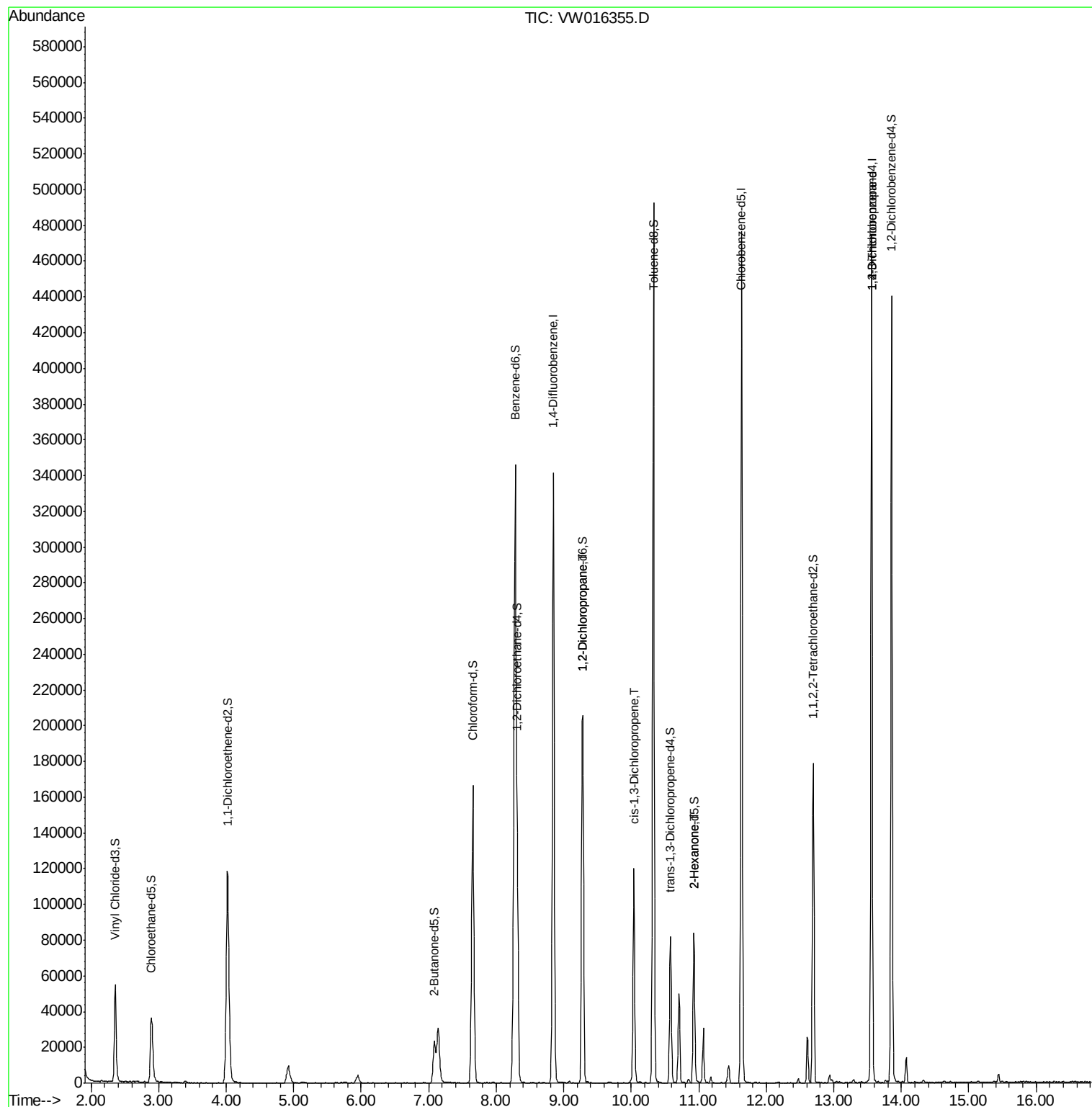
|                             |       |    |       |              | Ovalue |
|-----------------------------|-------|----|-------|--------------|--------|
| 40) 1,2-Dichloropropane     | 9.27  | 63 | 11236 | 2.979 ug/L # | 84     |
| 42) cis-1,3-Dichloropropene | 10.04 | 75 | 3149  | 0.510 ug/L # | 80     |
| 49) 2-Hexanone              | 10.93 | 43 | 3264  | 2.234 ug/L # | 61     |
| 59) 1,2,3-Trichloropropane  | 13.56 | 75 | 13607 | 5.057 ug/L   | 91     |

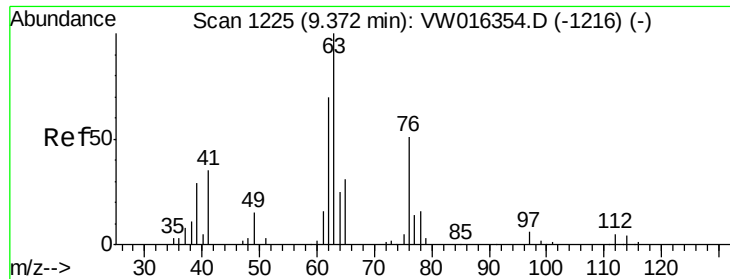
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082620\  
Data File : VW016355.D  
Acq On : 26 Aug 2020 10:04  
Operator : SY/VA  
Sample : VW0826SBL01  
Misc : 5.00G/10ML/MSVOA W/SOIL  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
VBLK09

Quant Time: Aug 27 02:42:09 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM082420S.M  
Quant Title : VOC Analysis  
QLast Update : Thu Aug 27 02:40:32 2020  
Response via : Initial Calibration





#40

1,2-Dichloropropane

Concen: 2.979 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW016355.D

Acq: 26 Aug 2020 10:04

Instrument :

MSVOA\_W

ClientSampleId :

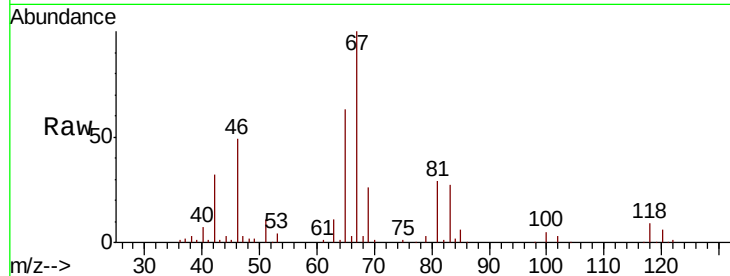
VBLK09

Tot Ion: 63 Resp: 11236

Ion Ratio Lower Upper

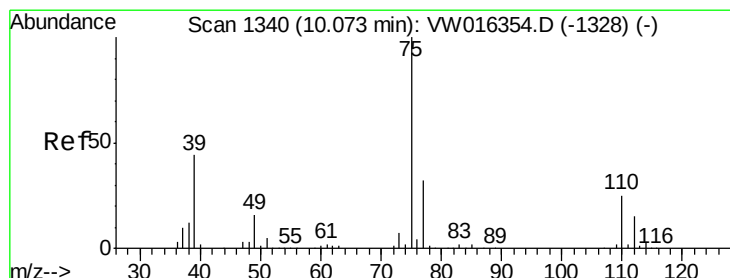
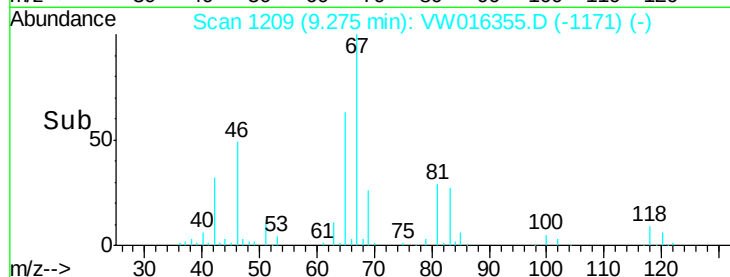
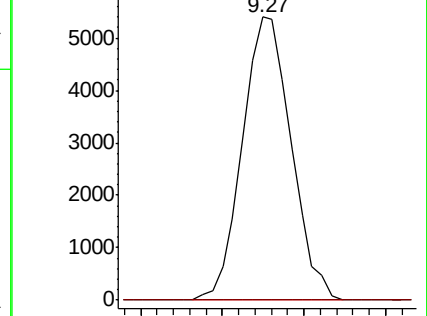
63 100

112 0.0 4.4 6.6#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): VW



#42

cis-1,3-Dichloropropene

Concen: 0.510 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW016355.D

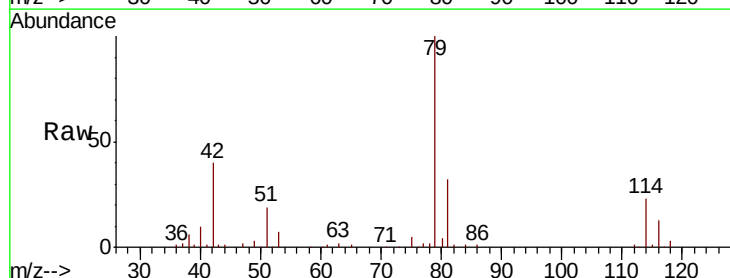
Acq: 26 Aug 2020 10:04

Tgt Ion: 75 Resp: 3149

Ion Ratio Lower Upper

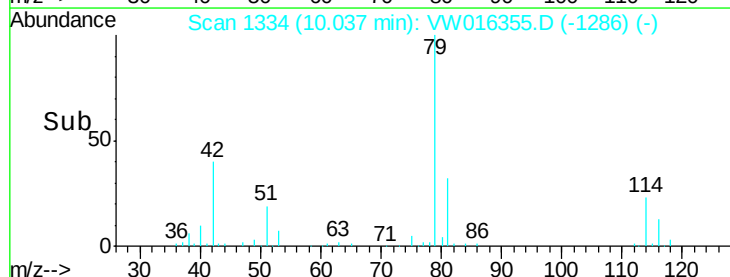
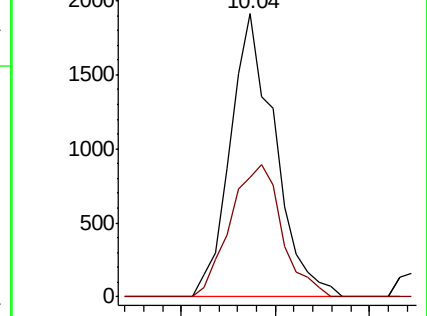
75 100

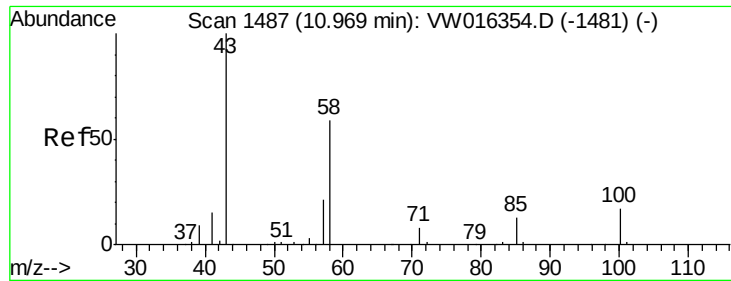
77 42.4 22.0 40.8#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

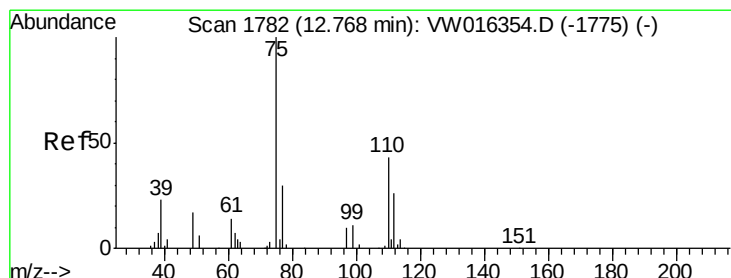
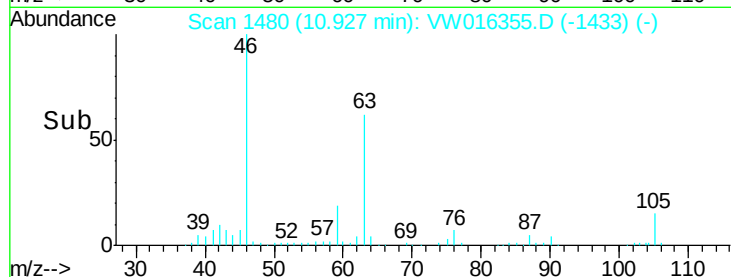
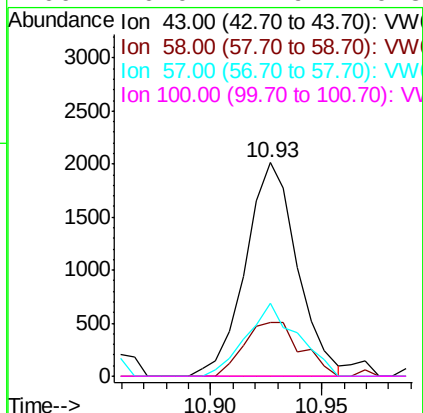
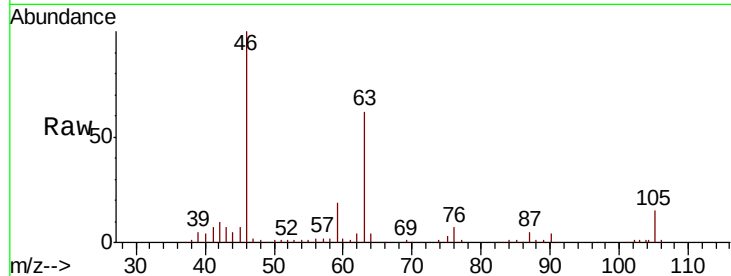




#49  
2-Hexanone  
Concen: 2.234 ug/L  
RT: 10.93 min Scan# 1480  
Delta R.T. -0.04 min  
Lab File: VW016355.D  
Acq: 26 Aug 2020 10:04

Instrument :  
MSVOA\_W  
ClientSampleId :  
VBLK09

Tot Ion: 43 Resp: 3264  
Ion Ratio Lower Upper  
43 100  
58 27.6 49.5 74.3#  
57 33.9 17.7 26.5#  
100 0.0 12.9 19.3#



#59  
1,2,3-Trichloropropane  
Concen: 5.057 ug/L  
RT: 13.56 min Scan# 1912  
Delta R.T. 0.79 min  
Lab File: VW016355.D  
Acq: 26 Aug 2020 10:04

Tgt Ion: 75 Resp: 13607  
Ion Ratio Lower Upper  
75 100  
77 39.0 27.1 40.7

