

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091720\  
 Data File : VV018287.D  
 Acq On : 17 Sep 2020 18:22  
 Operator : SY/MD  
 Sample : L4066-10  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BFWY8

Quant Time: Sep 18 06:20:29 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM090920WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Sep 18 06:17:41 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 286808   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 282449   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 137388   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |        |
|--------------------------------|---------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 86208    | 36.88    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 73.76% |
| 7) Chloroethane-d5             | 1.58    | 69    | 74362    | 38.88    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 77.76% |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 130305   | 30.39    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 60.78% |
| 21) 2-Butanone-d5              | 3.91    | 46    | 122596   | 85.69    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 85.69% |
| 24) Chloroform-d               | 4.38    | 84    | 169026   | 41.68    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 83.36% |
| 26) 1,2-Dichloroethane-d4      | 5.06    | 65    | 112068   | 43.11    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 86.22% |
| 32) Benzene-d6                 | 5.08    | 84    | 332359   | 41.10    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 82.20% |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 108071   | 42.06    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 84.12% |
| 41) Toluene-d8                 | 7.34    | 98    | 296805   | 40.28    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 80.56% |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 52126    | 39.93    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 79.86% |
| 47) 2-Hexanone-d5              | 8.11    | 63    | 87854    | 90.28    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 90.28% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 145730   | 45.19    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 90.38% |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 128475   | 45.53    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 91.06% |

## Target Compounds

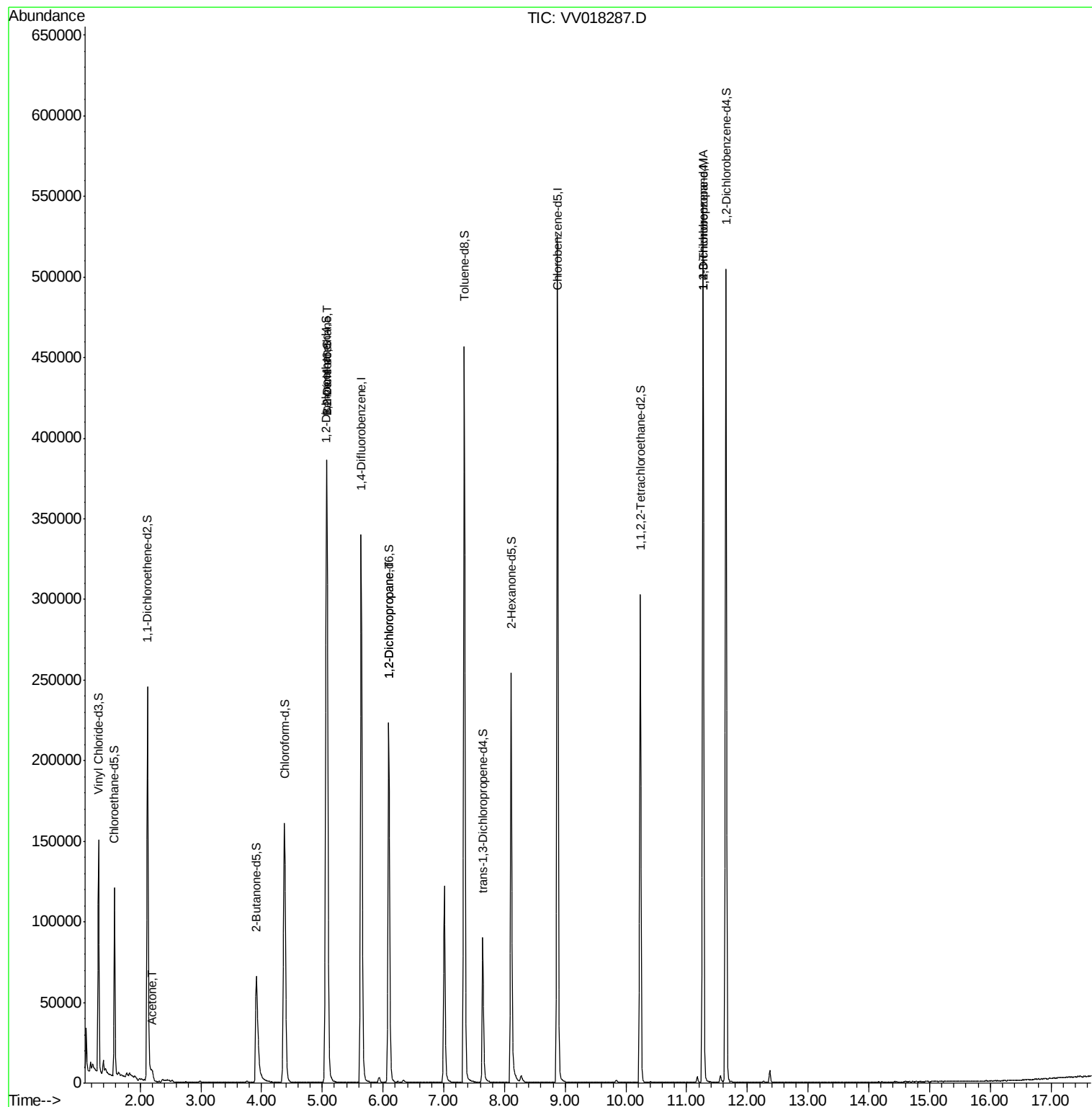
|                            |       |    |       |              | Ovalue |
|----------------------------|-------|----|-------|--------------|--------|
| 13) Acetone                | 2.20  | 43 | 9894  | 8.636 ug/L   | 73     |
| 27) 1,2-Dichloroethane     | 5.07  | 62 | 1966  | 0.681 ug/L # | 74     |
| 37) 1,2-Dichloropropane    | 6.09  | 63 | 11726 | 5.480 ug/L # | 87     |
| 59) 1,2,3-Trichloropropane | 11.27 | 75 | 15648 | 6.217 ug/L   | 92     |

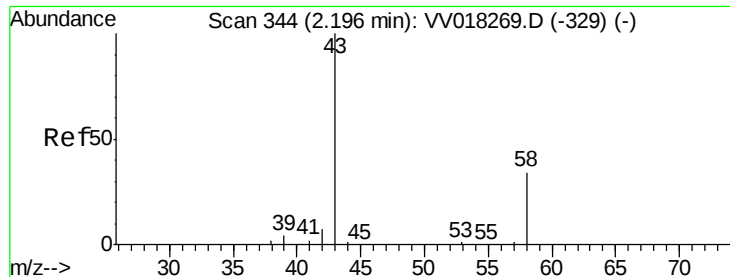
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis  
QLast Update : Fri Sep 18 06:17:41 2020  
Response via : Initial Calibration





#13

Acetone

Concen: 8.636 ug/L

RT: 2.20 min Scan# 344

Delta R.T. 0.00 min

Lab File: VV018287.D

Acq: 17 Sep 2020 18:22

Instrument :

MSVOA\_V

ClientSampleId :

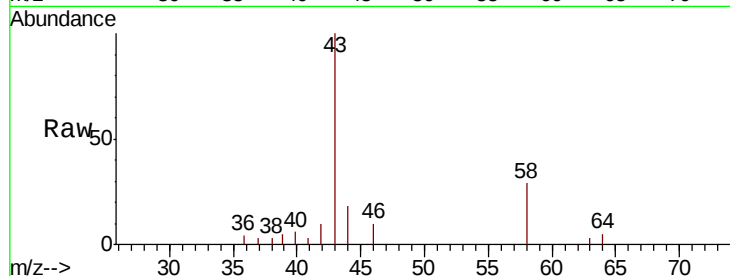
BFWY8

Tot Ion: 43 Resp: 9894

Ion Ratio Lower Upper

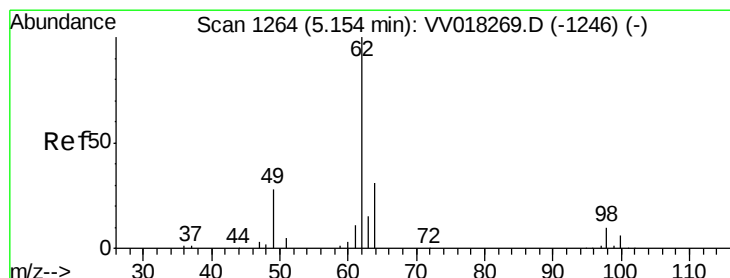
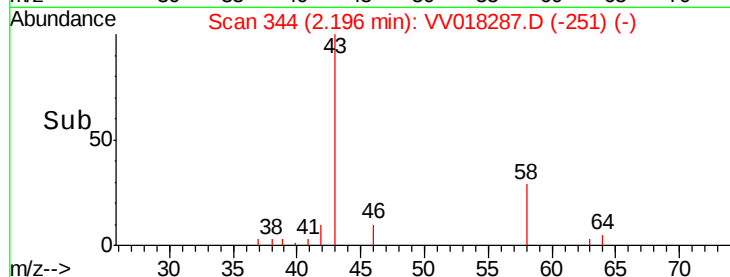
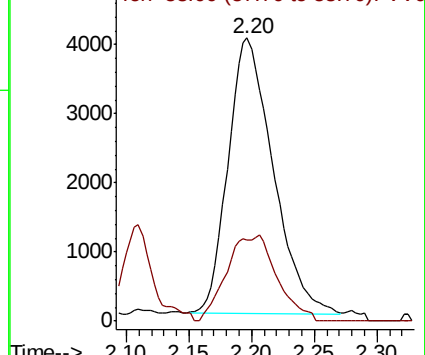
43 100

58 18.1 0.0 67.4



Abundance Ion 43.00 (42.70 to 43.70): VV018269.D

Ion 58.00 (57.70 to 58.70): VV018269.D



#27

1,2-Dichloroethane

Concen: 0.681 ug/L

RT: 5.07 min Scan# 1239

Delta R.T. -0.08 min

Lab File: VV018287.D

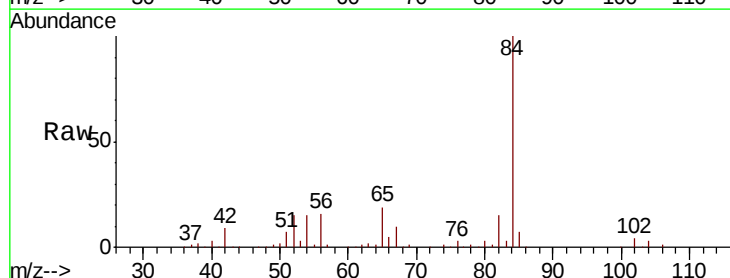
Acq: 17 Sep 2020 18:22

Tgt Ion: 62 Resp: 1966

Ion Ratio Lower Upper

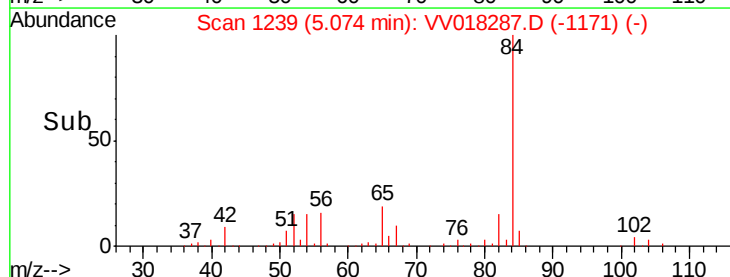
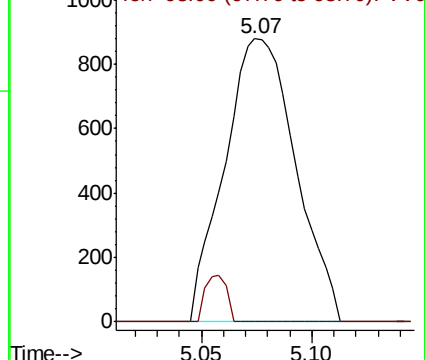
62 100

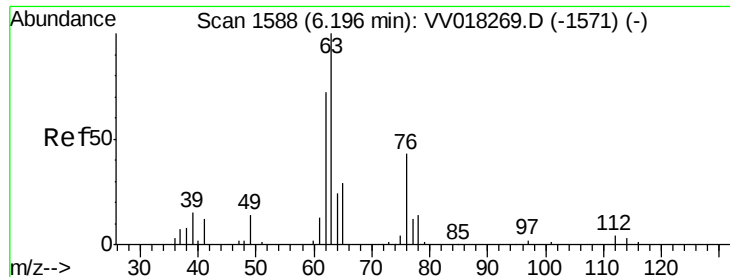
98 0.0 7.6 11.4#



Abundance Ion 62.00 (61.70 to 62.70): VV018269.D

Ion 98.00 (97.70 to 98.70): VV018269.D

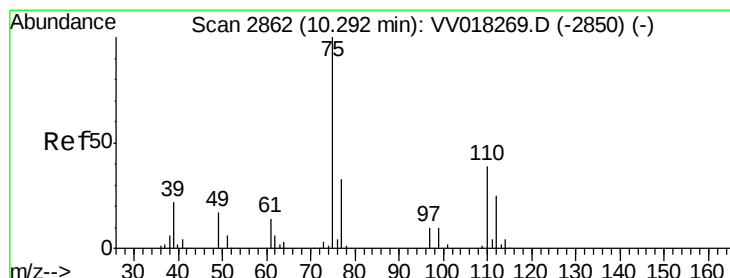
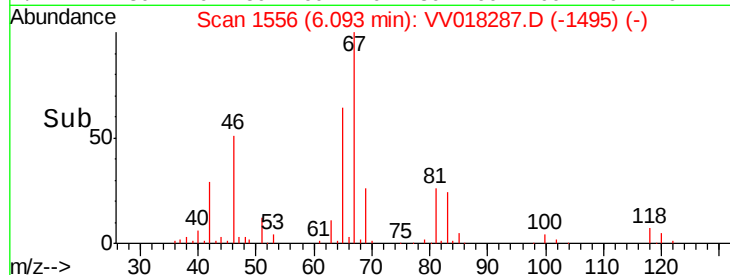
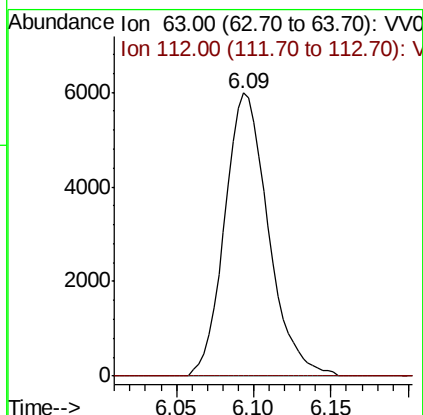
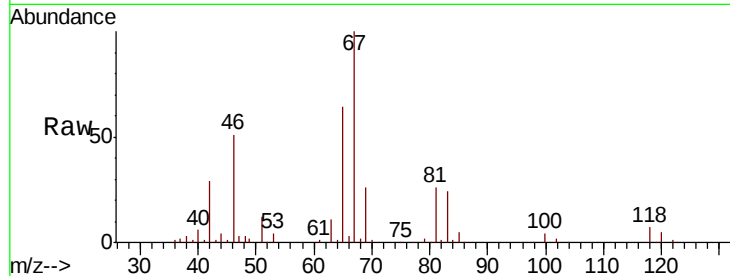




#37  
 1,2-Dichloropropane  
 Concen: 5.480 ug/L  
 RT: 6.09 min Scan# 1556  
 Delta R.T. -0.10 min  
 Lab File: VV018287.D  
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Tot Ion: 63 Resp: 11726  
 Ion Ratio Lower Upper  
 63 100  
 112 0.0 3.4 5.2#



#59  
 1,2,3-Trichloropropane  
 Concen: 6.217 ug/L  
 RT: 11.27 min Scan# 3166  
 Delta R.T. 0.98 min  
 Lab File: VV018287.D  
 Acq: 17 Sep 2020 18:22

Tgt Ion: 75 Resp: 15648  
 Ion Ratio Lower Upper  
 75 100  
 77 36.7 25.8 38.6

