

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092818\  
 Data File : VV007959.D  
 Acq On : 28 Sep 2018 18:07  
 Operator : SY/MD  
 Sample : J5062-17  
 Misc : 25.0 mL/MSVOA V/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 GAC17

Quant Time: Oct 01 04:13:20 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR092718WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Mon Oct 01 01:51:53 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 96268    | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 89514    | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 45349    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 18641    | 3.61     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 72.20%  |
| 7) Chloroethane-d5             | 1.59   | 69    | 18470    | 4.14     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 82.80%  |
| 11) 1,1-Dichloroethene-d2      | 2.14   | 63    | 32126    | 2.76     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 55.20%# |
| 20) 2-Butanone-d5              | 3.96   | 46    | 67875    | 43.73    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 87.46%  |
| 24) Chloroform-d               | 4.41   | 84    | 48602    | 4.13     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 82.60%  |
| 26) 1,2-Dichloroethane-d4      | 5.09   | 65    | 27131    | 4.20     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 84.00%  |
| 32) Benzene-d6                 | 5.10   | 84    | 96916    | 4.54     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 90.80%  |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 30236    | 4.46     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 89.20%  |
| 41) Toluene-d8                 | 7.36   | 98    | 87164    | 4.01     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 80.20%  |
| 43) trans-1,3-Dichloropropene- | 7.67   | 79    | 10605    | 4.07     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 81.40%  |
| 46) 2-Hexanone-d5              | 8.14   | 63    | 51045    | 44.33    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 88.66%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.27  | 84    | 23261    | 4.45     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 89.00%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.67  | 152   | 37549    | 4.28     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 85.60%  |

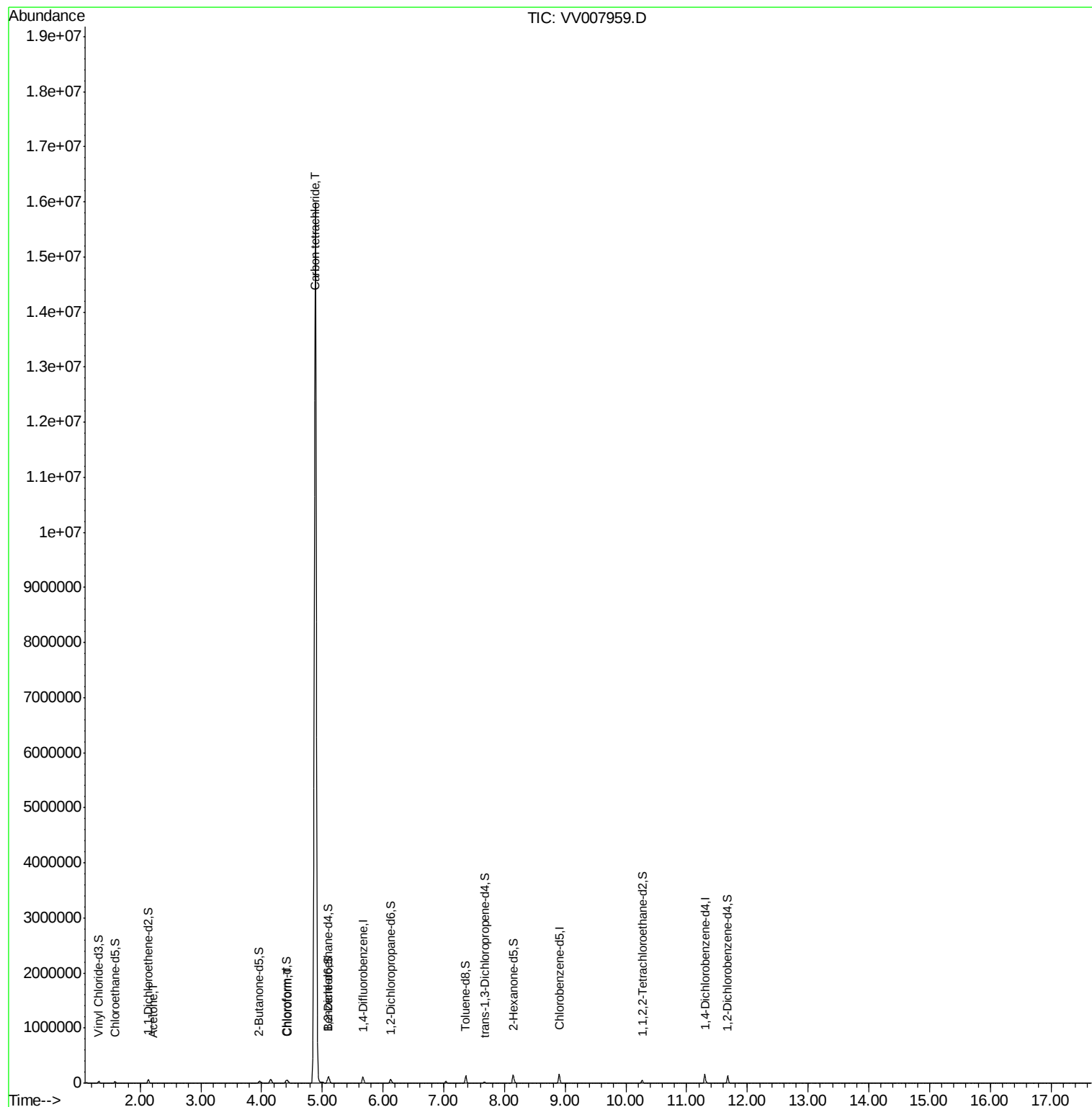
| Target Compounds         |      |     |          |               | Ovalue |
|--------------------------|------|-----|----------|---------------|--------|
| 13) Acetone              | 2.21 | 43  | 4786     | 4.232 ug/L    | 95     |
| 25) Chloroform           | 4.43 | 83  | 16822    | 1.300 ug/L    | 88     |
| 31) Carbon tetrachloride | 4.89 | 117 | 11972444 | 1261.709 ug/L | 100    |

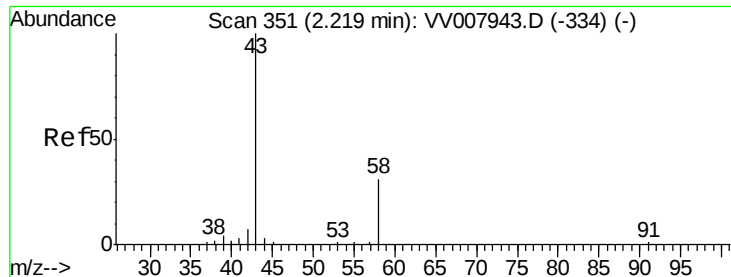
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.232 ug/L

RT: 2.21 min Scan# 348

Delta R.T. -0.01 min

Lab File: VV007959.D

Acq: 28 Sep 2018 18:07

Instrument :

MSVOA\_V

ClientSampled :

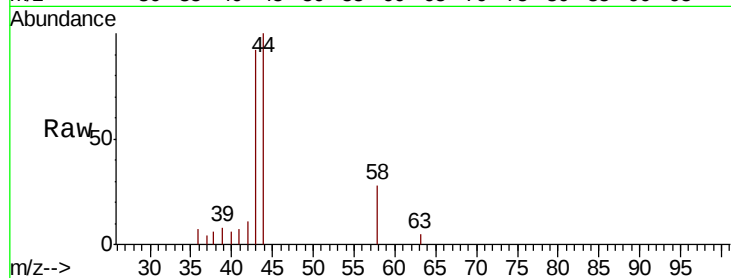
GAC17

Tot Ion: 43 Resp: 4786

Ion Ratio Lower Upper

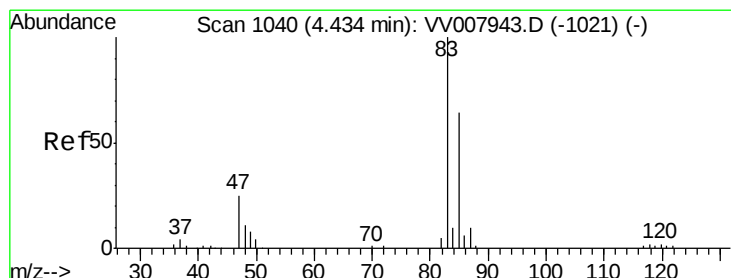
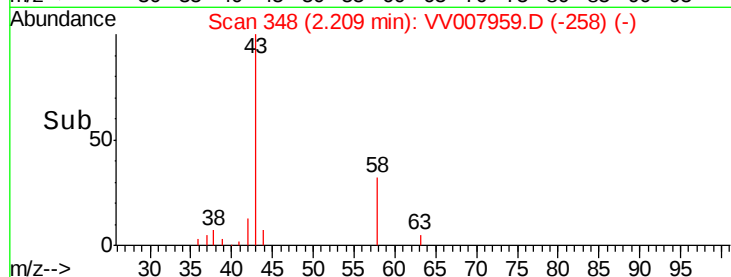
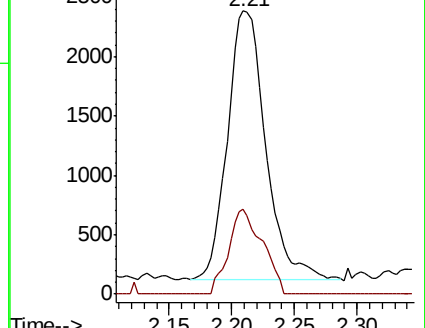
43 100

58 28.0 0.0 62.0



Abundance Ion 43.05 (42.75 to 43.75): VV007943.D (-334) (-)

Ion 58.05 (57.75 to 58.75): VV007943.D (-334) (-)



#25

Chloroform

Concen: 1.300 ug/L

RT: 4.43 min Scan# 1040

Delta R.T. -0.00 min

Lab File: VV007959.D

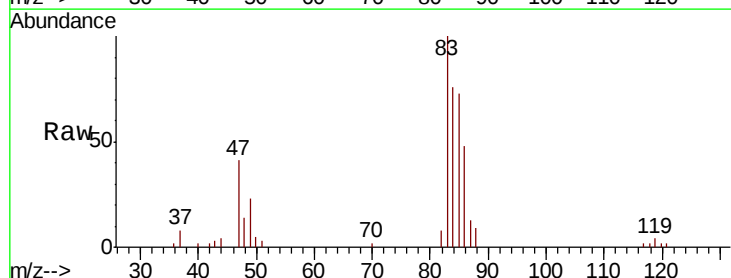
Acq: 28 Sep 2018 18:07

Tgt Ion: 83 Resp: 16822

Ion Ratio Lower Upper

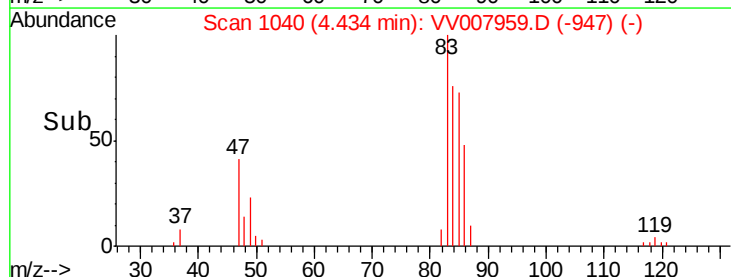
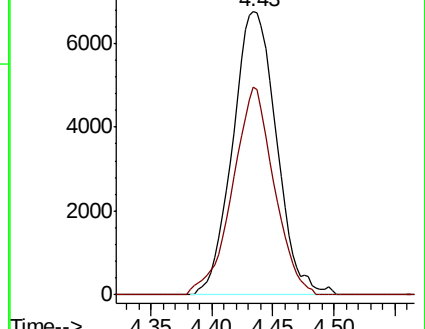
83 100

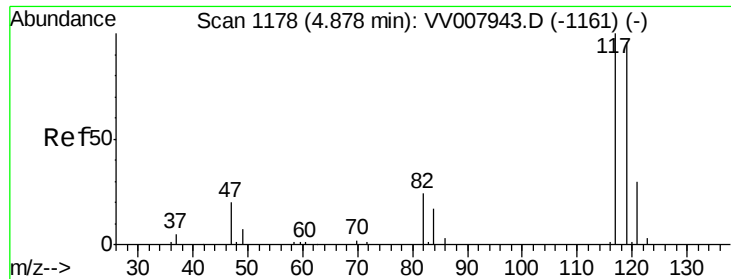
85 73.3 44.8 83.2



Abundance Ion 83.05 (82.75 to 83.75): VV007943.D (-1021) (-)

Ion 85.00 (84.70 to 85.70): VV007943.D (-1021) (-)





#31  
 Carbon tetrachloride  
 Concen: 1261.709 ug/L  
 RT: 4.89 min Scan# 1181  
 Delta R.T. 0.01 min  
 Lab File: VV007959.D  
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Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 GAC17

Tot Ion:117 Resp:11972444  
 Ion Ratio Lower Upper  
 117 100  
 119 97.0 77.8 116.8

