

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_V\DATA\VV112918\  
 Data File : VV008777.D  
 Acq On : 29 Nov 2018 20:53  
 Operator : SY/MD  
 Sample : J6076-18  
 Misc : 25.0 mL/MSVOA\_V/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 YALS9

Quant Time: Nov 30 06:16:08 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR112918WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Nov 30 04:55:05 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 34633    | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 30122    | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 10381    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 11556    | 4.83     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 96.60%  |
| 7) Chloroethane-d5             | 1.59   | 69    | 9099     | 5.35     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 107.00% |
| 11) 1,1-Dichloroethene-d2      | 2.14   | 63    | 16949    | 4.12     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 82.40%  |
| 20) 2-Butanone-d5              | 3.96   | 46    | 27700    | 51.62    | ug/L | -0.01   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 103.24% |
| 24) Chloroform-d               | 4.41   | 84    | 23274    | 4.91     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 98.20%  |
| 26) 1,2-Dichloroethane-d4      | 5.09   | 65    | 12928    | 5.69     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 113.80% |
| 32) Benzene-d6                 | 5.11   | 84    | 47462    | 5.16     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 103.20% |
| 36) 1,2-Dichloropropane-d6     | 6.13   | 67    | 14766    | 5.34     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 106.80% |
| 41) Toluene-d8                 | 7.36   | 98    | 41071    | 4.84     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 96.80%  |
| 43) trans-1,3-Dichloropropene- | 7.67   | 79    | 4264     | 4.60     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 92.00%  |
| 46) 2-Hexanone-d5              | 8.14   | 63    | 13312    | 34.52    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 69.04%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.27  | 84    | 8544     | 4.89     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 97.80%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.68  | 152   | 11773    | 5.51     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 110.20% |

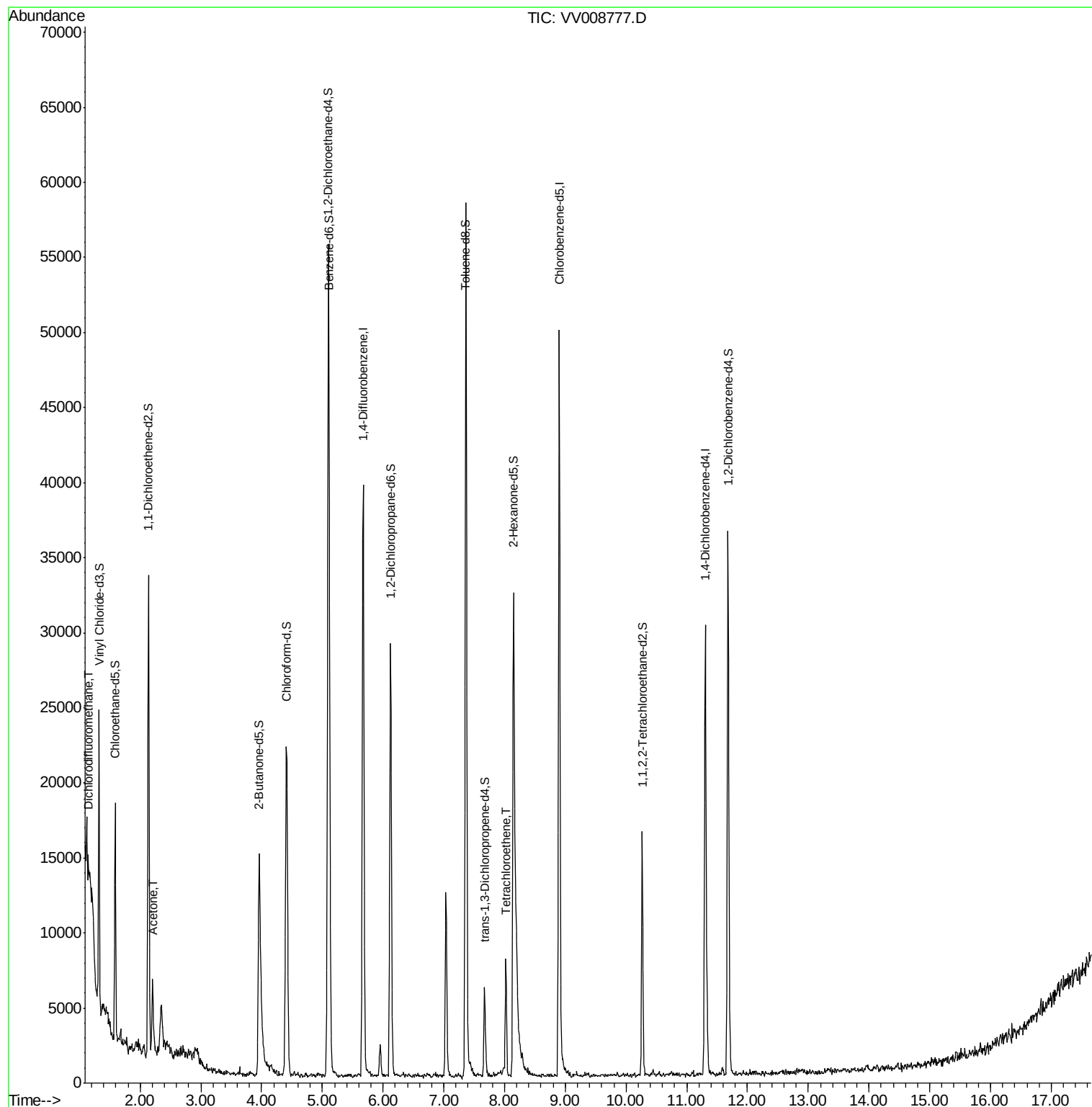
| Target Compounds           |      |     |      |             | Qvalue |
|----------------------------|------|-----|------|-------------|--------|
| 2) Dichlorodifluoromethane | 1.14 | 85  | 776  | 0.253 ug/L  | 93     |
| 13) Acetone                | 2.21 | 43  | 5364 | 20.056 ug/L | 93     |
| 47) Tetrachloroethene      | 8.02 | 164 | 1793 | 0.923 ug/L  | 93     |

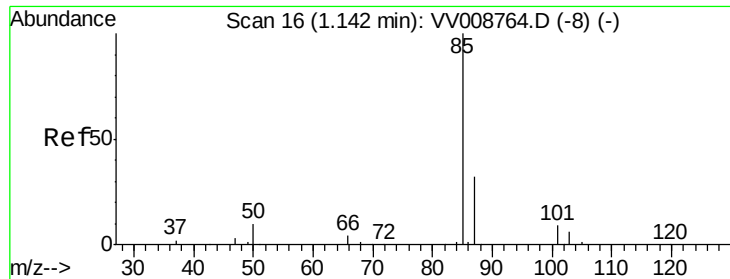
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 0.253 ug/L

RT: 1.14 min Scan# 16

Delta R.T. -0.00 min

Lab File: VV008777.D

Acq: 29 Nov 2018 20:53

Instrument :

MSVOA\_V

ClientSampled :

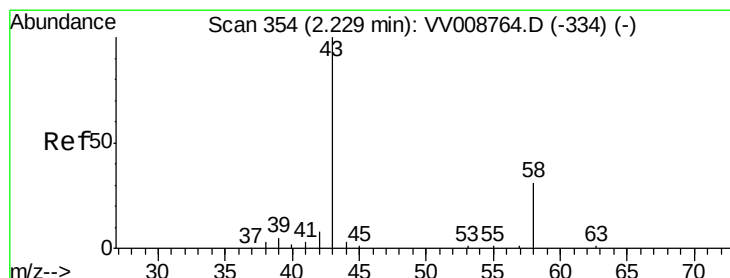
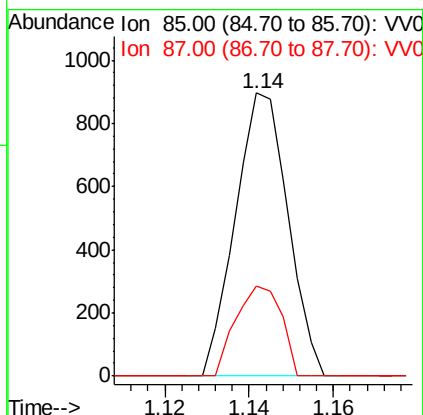
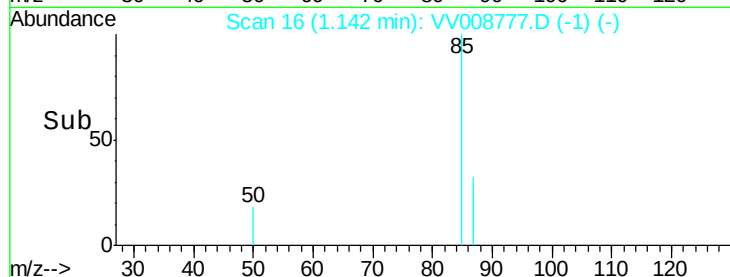
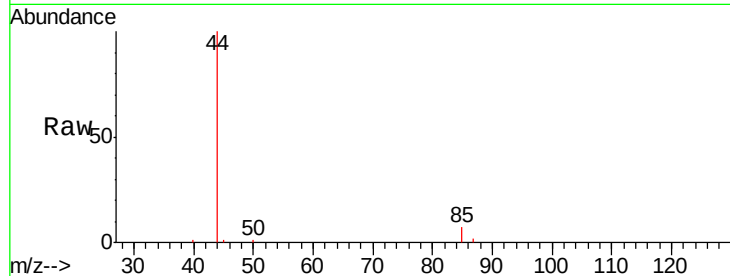
YALS9

Tgt Ion: 85 Resp: 776

Ion Ratio Lower Upper

85 100

87 27.6 25.4 38.0



#13

Acetone

Concen: 20.056 ug/L

RT: 2.21 min Scan# 347

Delta R.T. -0.02 min

Lab File: VV008777.D

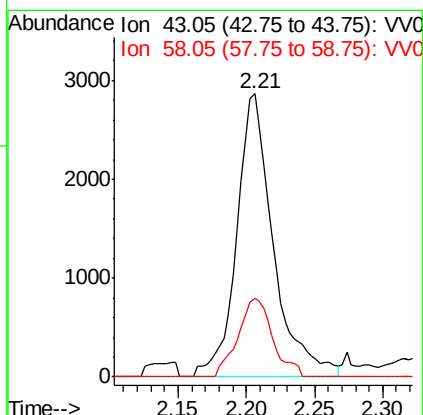
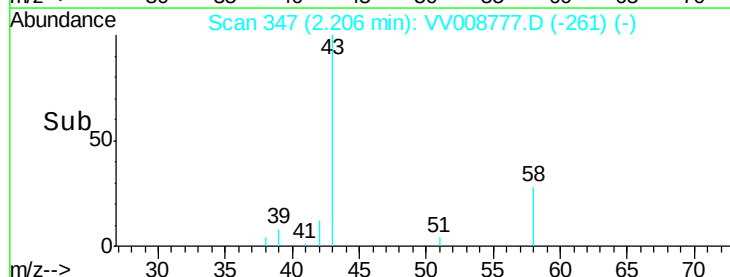
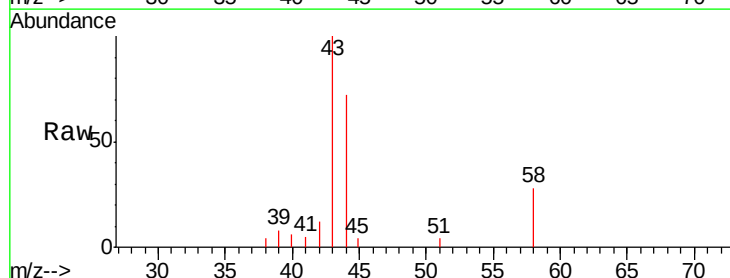
Acq: 29 Nov 2018 20:53

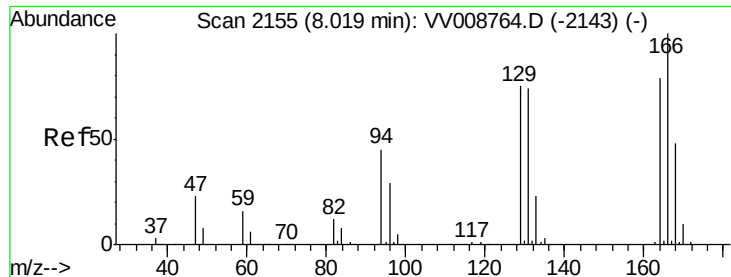
Tgt Ion: 43 Resp: 5364

Ion Ratio Lower Upper

43 100

58 26.1 0.0 59.8





#47

Tetrachloroethene

Concen: 0.923 ug/L

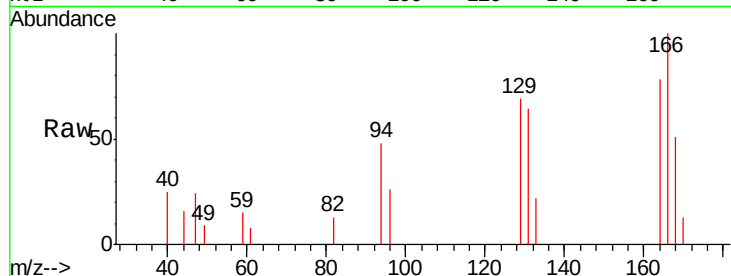
RT: 8.02 min Scan# 2156

Delta R.T. 0.00 min

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MSVOA\_V  
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Tgt Ion:164 Resp: 1793

Ion Ratio Lower Upper

164 100

129 88.2 67.5 125.3

131 82.0 65.9 122.5

166 128.3 89.2 165.6

Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

