

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_V\DATA\VV061120\  
 Data File : VV016817.D  
 Acq On : 11 Jun 2020 11:23  
 Operator : SY/MD  
 Sample : L2929-02  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 ETTW0

Manual Integrations  
 APPROVED

MMDadoda  
 6/12/2020 3:36:01 PM

Quant Time: Jun 12 02:11:45 2020

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM060820WMA.M

Quant Title : VOC Analysis

QLast Update : Fri Jun 12 01:27:40 2020

Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 341712   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 323186   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 156821   | 50.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |         |       |          |          |      |        |
|--------------------------------|---------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.31    | 65    | 99571    | 41.30    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 82.60% |
| 7) Chloroethane-d5             | 1.56    | 69    | 69887    | 48.30    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 96.60% |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 137773   | 34.03    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 68.06% |
| 21) 2-Butanone-d5              | 3.89    | 46    | 175762   | 98.49    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 98.49% |
| 24) Chloroform-d               | 4.37    | 84    | 222338   | 45.35    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 90.70% |
| 26) 1,2-Dichloroethane-d4      | 5.05    | 65    | 158491   | 47.53    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 95.06% |
| 32) Benzene-d6                 | 5.07    | 84    | 428709   | 46.02    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 92.04% |
| 36) 1,2-Dichloropropane-d6     | 6.09    | 67    | 133586   | 46.00    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 92.00% |
| 41) Toluene-d8                 | 7.34    | 98    | 384632   | 44.99    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 89.98% |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 66741    | 44.13    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 88.26% |
| 47) 2-Hexanone-d5              | 8.11    | 63    | 107732   | 85.09    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 85.09% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 179685   | 46.74    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 93.48% |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 165656   | 49.50    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 99.00% |

#### Target Compounds

|                            |      |    |       |            | Qvalue |
|----------------------------|------|----|-------|------------|--------|
| 5) Vinyl chloride          | 1.32 | 62 | 17498 | 7.182 ug/L | 88     |
| 13) Acetone                | 2.17 | 43 | 5651  | 4.806 ug/L | 87     |
| 20) cis-1,2-Dichloroethene | 3.94 | 96 | 5114  | 2.029 ug/L | 97     |
| 34) Trichloroethene        | 5.94 | 95 | 2370m | 0.924 ug/L |        |

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

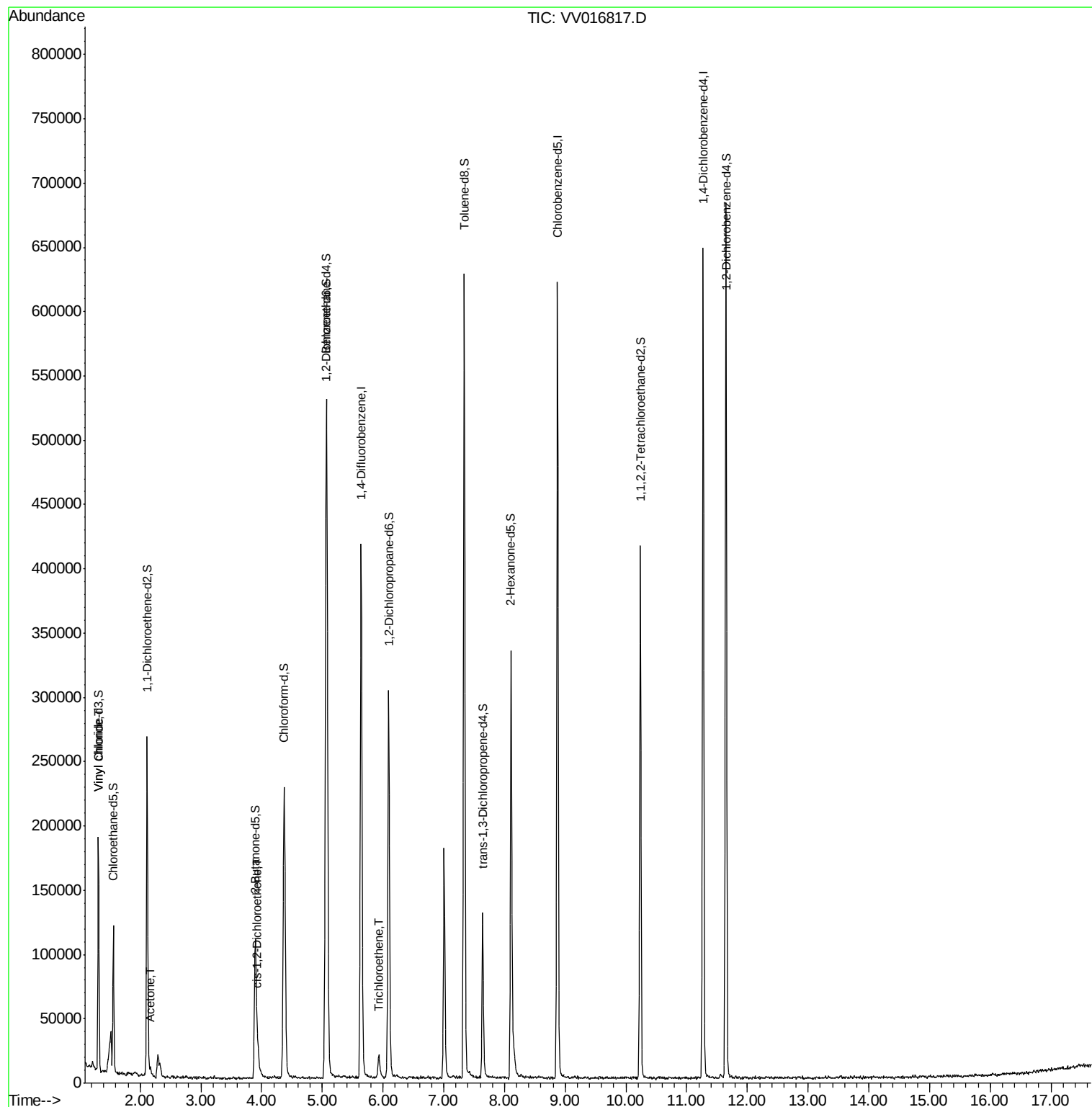
Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_V\DATA\VV061120\  
Data File : VV016817.D  
Acq On : 11 Jun 2020 11:23  
Operator : SY/MD  
Sample : L2929-02  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 7 Sample Multiplier: 1

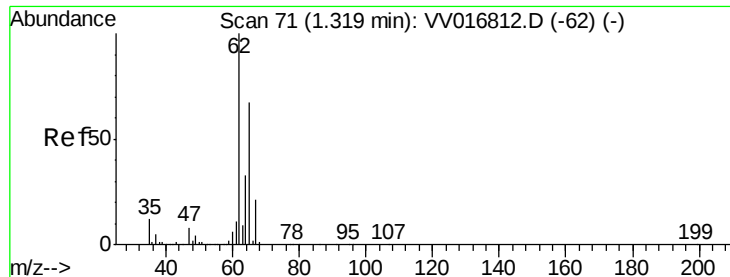
Instrument :  
MSVOA\_V  
ClientSampleId :  
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Quant Time: Jun 12 02:11:45 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM060820WMA.M  
Quant Title : VOC Analysis  
QLast Update : Fri Jun 12 01:27:40 2020  
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 7.182 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV016817.D

Acq: 11 Jun 2020 11:23

Instrument :

MSVOA\_V

ClientSampleId :

ETTW0

Tgt Ion: 62 Resp: 17498

Ion Ratio Lower Upper

62 100

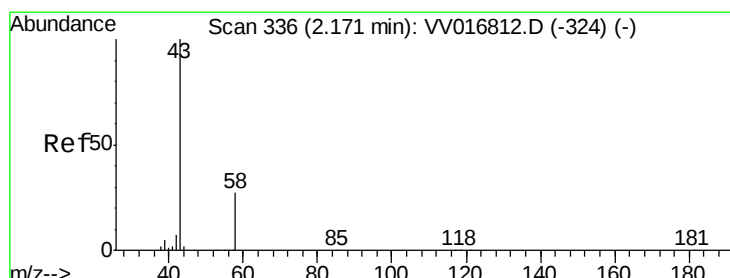
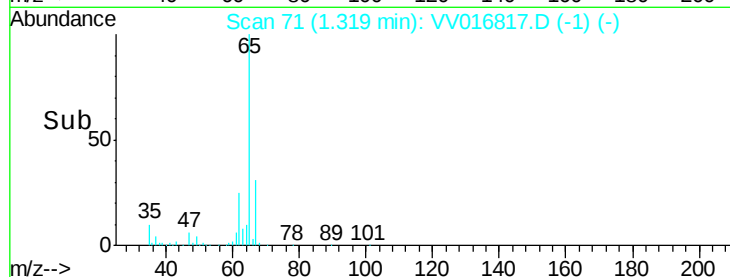
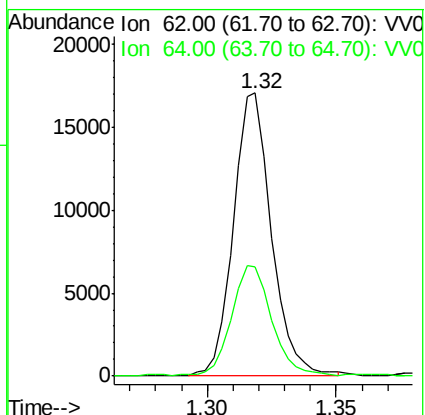
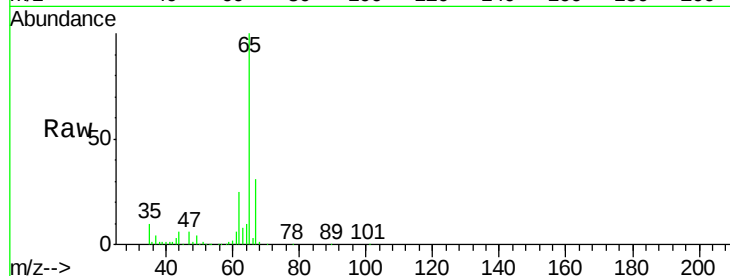
64 38.7 22.3 41.5

Manual Integrations

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#13

Acetone

Concen: 4.806 ug/L

RT: 2.17 min Scan# 337

Delta R.T. 0.00 min

Lab File: VV016817.D

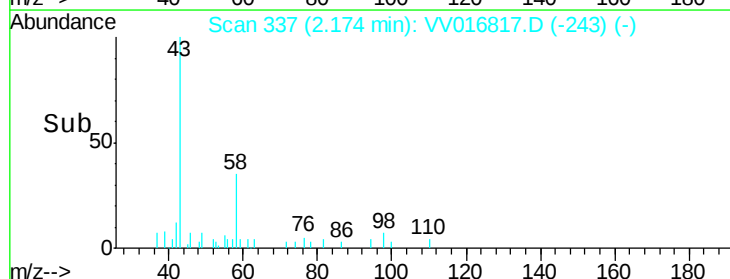
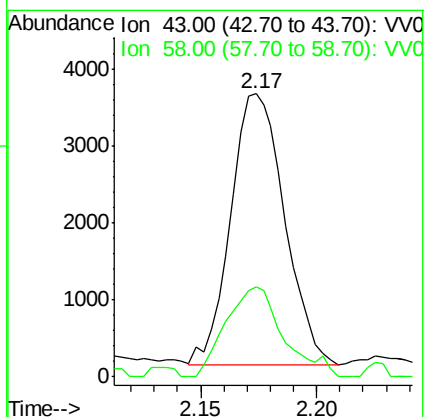
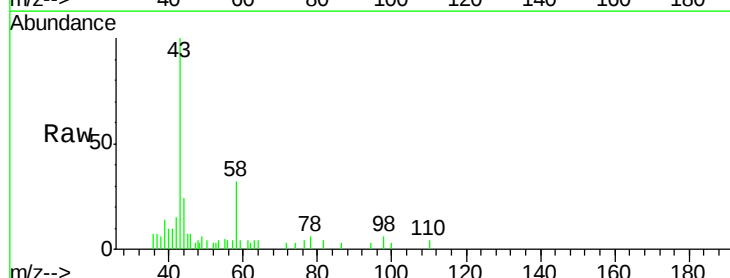
Acq: 11 Jun 2020 11:23

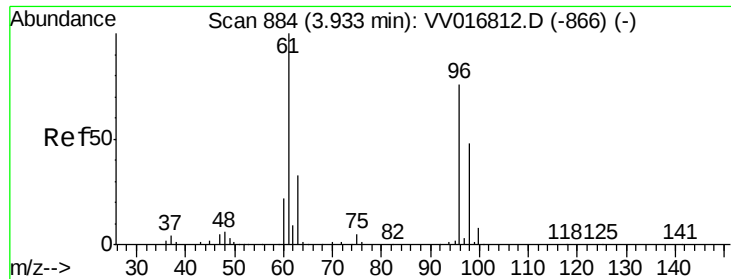
Tgt Ion: 43 Resp: 5651

Ion Ratio Lower Upper

43 100

58 34.2 0.0 55.2





#20

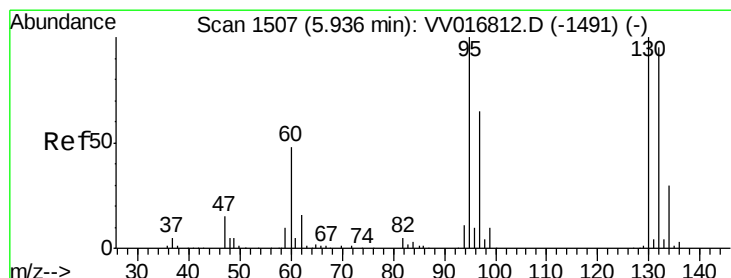
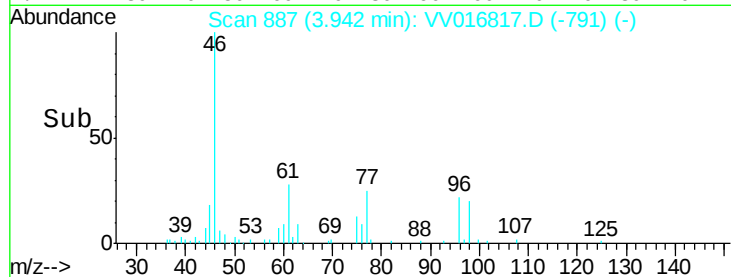
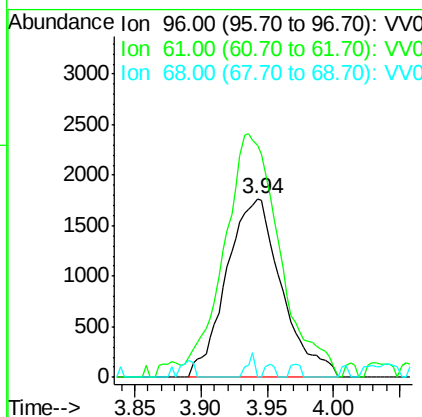
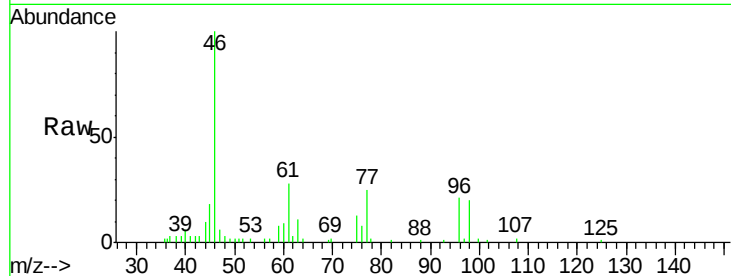
cis-1,2-Dichloroethene  
Concen: 2.029 ug/L  
RT: 3.94 min Scan# 887  
Delta R.T. 0.01 min  
Lab File: VV016817.D  
Acq: 11 Jun 2020 11:23

Instrument :  
MSVOA\_V  
ClientSampleId :  
ETTW0

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 130.3 | 93.4  | 173.4 |
| 68      | 0.0   | 0.0   | 0.0   |

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#34

Trichloroethene  
Concen: 0.924 ug/L m  
RT: 5.94 min Scan# 1509  
Delta R.T. 0.01 min  
Lab File: VV016817.D  
Acq: 11 Jun 2020 11:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 97      | 75.0  | 44.3  | 82.3  |
| 132     | 105.8 | 67.9  | 126.1 |
| 130     | 108.3 | 72.2  | 134.2 |

