

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070120\  
 Data File : VV017288.D  
 Acq On : 01 Jul 2020 14:22  
 Operator : SY/MD  
 Sample : L3150-08  
 Misc : 25.0mL/MSVOA V/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 ETYJ3

Manual Integrations  
 APPROVED

apatel  
 7/6/2020 10:13:42 AM

Quant Time: Jul 02 04:57:30 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR061720WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Thu Jul 02 03:02:49 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 173932   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 171020   | 5.00 | ug/L  | 0.00     |
| 61) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 79454    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 41226    | 3.95     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 79.00%  |
| 7) Chloroethane-d5             | 1.58   | 69    | 36621    | 4.82     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 96.40%  |
| 11) 1,1-Dichloroethene-d2      | 2.12   | 63    | 65893    | 3.32     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 66.40%  |
| 20) 2-Butanone-d5              | 3.95   | 46    | 110885m  | 41.68    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 83.36%  |
| 24) Chloroform-d               | 4.38   | 84    | 108506   | 4.86     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 97.20%  |
| 26) 1,2-Dichloroethane-d4      | 5.06   | 65    | 60550    | 5.12     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 102.40% |
| 32) Benzene-d6                 | 5.07   | 84    | 195886   | 4.42     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 88.40%  |
| 36) 1,2-Dichloropropane-d6     | 6.10   | 67    | 60834    | 4.58     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 91.60%  |
| 41) Toluene-d8                 | 7.34   | 98    | 172081   | 4.13     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 82.60%  |
| 45) trans-1,3-Dichloropropene- | 7.65   | 79    | 21721    | 3.93     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 78.60%  |
| 48) 2-Hexanone-d5              | 8.12   | 63    | 85516    | 40.57    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 81.14%  |
| 59) 1,1,2,2-Tetrachloroethane- | 10.24  | 84    | 43458    | 4.92     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 98.40%  |
| 65) 1,2-Dichlorobenzene-d4     | 11.65  | 152   | 73291    | 4.99     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 99.80%  |

| Target Compounds           |      |     |        |             | Ovalue |
|----------------------------|------|-----|--------|-------------|--------|
| 22) cis-1,2-Dichloroethene | 3.94 | 96  | 17689  | 1.462 ug/L  | 96     |
| 29) 1,1,1-Trichloroethane  | 4.63 | 97  | 5175   | 0.253 ug/L  | 96     |
| 34) Trichloroethene        | 5.94 | 95  | 504032 | 38.434 ug/L | 98     |
| 49) Tetrachloroethene      | 8.00 | 164 | 1760   | 0.167 ug/L  | 92     |

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

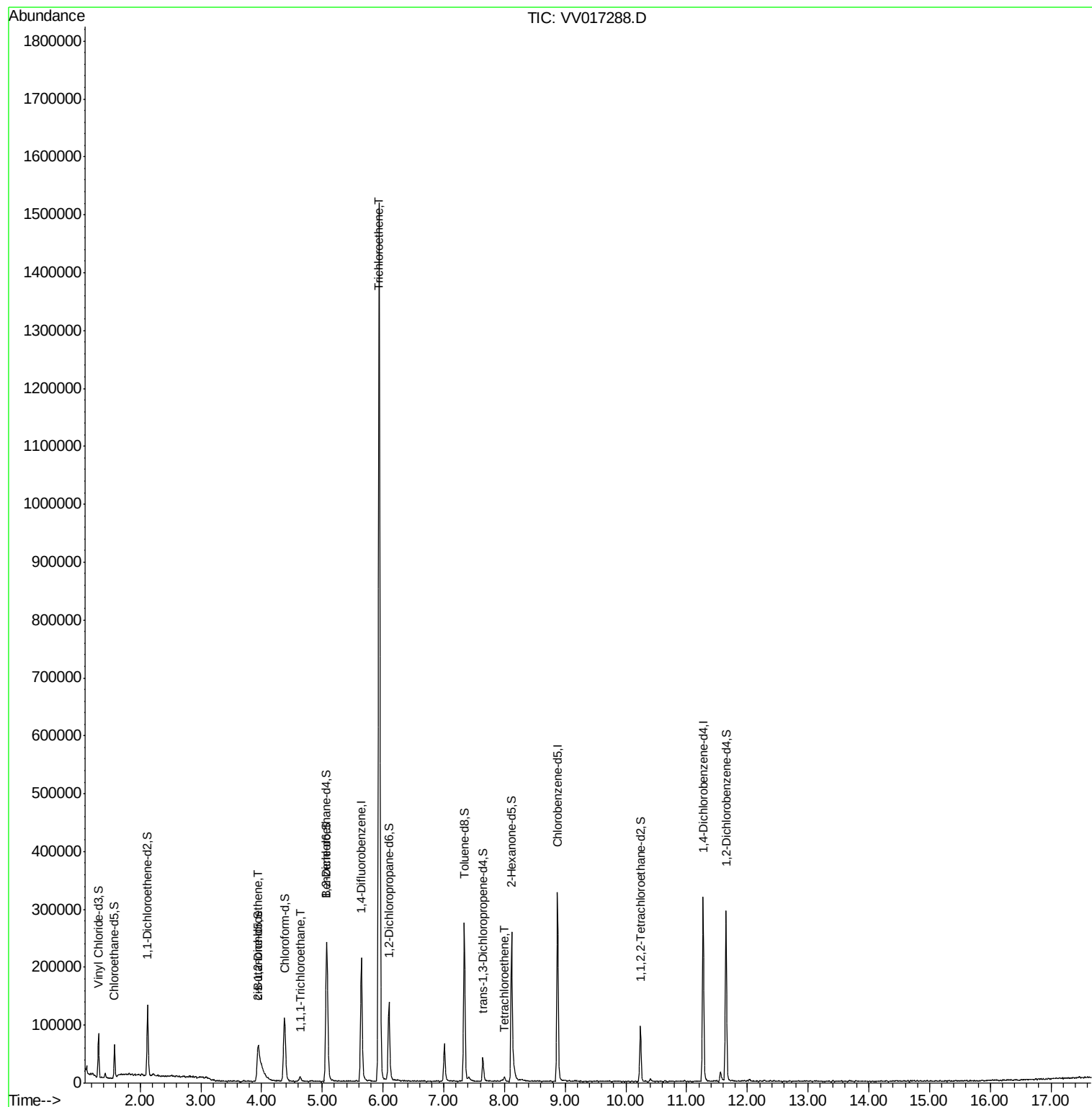
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV070120\  
Data File : VV017288.D  
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ALS Vial : 14 Sample Multiplier: 1

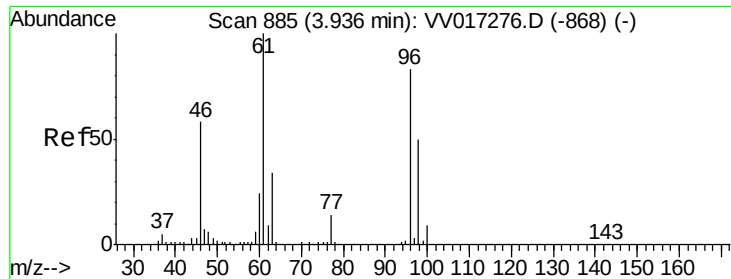
Instrument :  
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Quant Title : TRACE VOA SOM01.0  
QLast Update : Thu Jul 02 03:02:49 2020  
Response via : Initial Calibration





#22

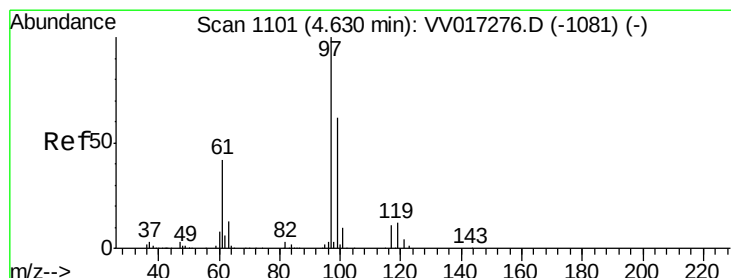
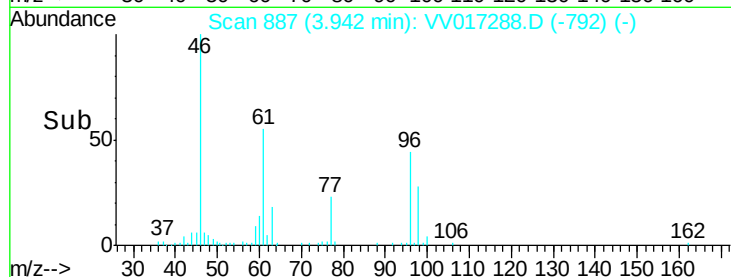
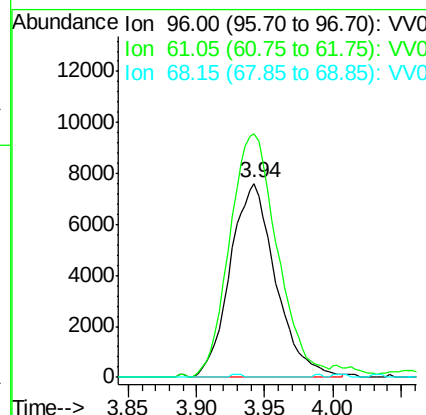
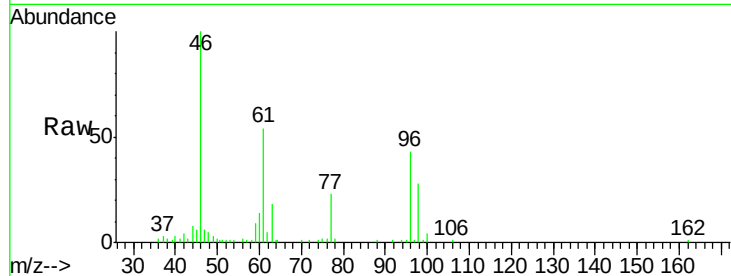
cis-1,2-Dichloroethene  
 Concen: 1.462 ug/L  
 RT: 3.94 min Scan# 887  
 Delta R.T. 0.01 min  
 Lab File: VV017288.D  
 Acq: 01 Jul 2020 14:22

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 ETYJ3

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 125.4 | 91.0  | 169.0 |
| 68      | 0.0   | 0.0   | 0.0   |

Manual Integrations  
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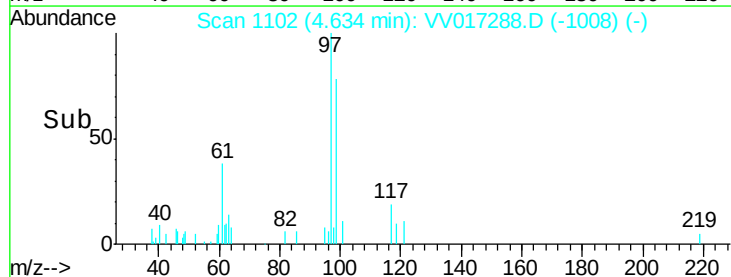
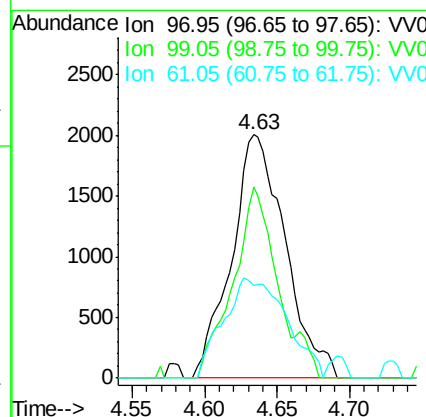
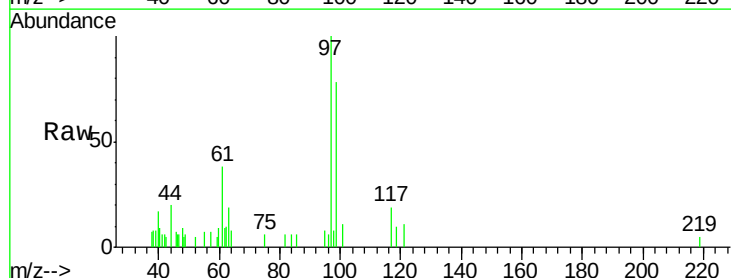
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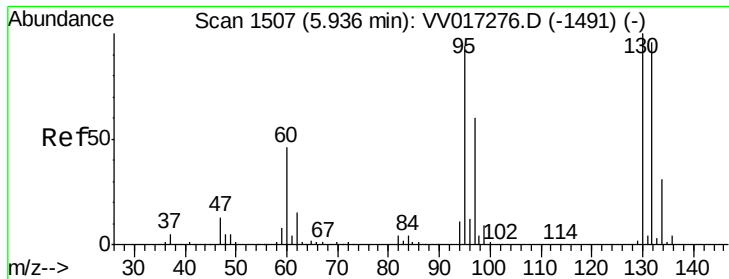


#29

1,1,1-Trichloroethane  
 Concen: 0.253 ug/L  
 RT: 4.63 min Scan# 1102  
 Delta R.T. 0.00 min  
 Lab File: VV017288.D  
 Acq: 01 Jul 2020 14:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 65.3  | 50.3  | 75.5  |
| 61      | 48.1  | 36.0  | 54.0  |





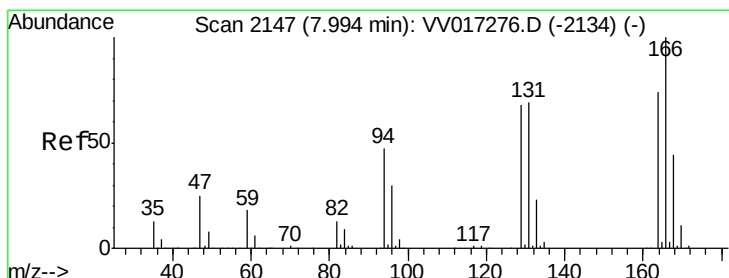
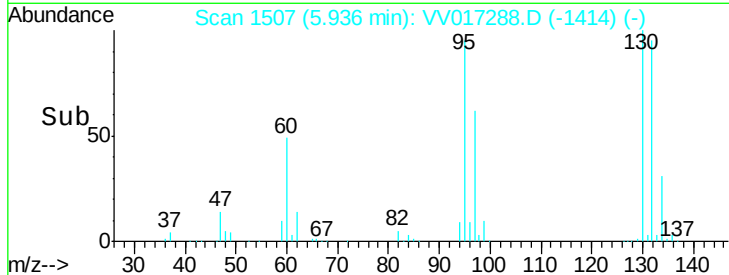
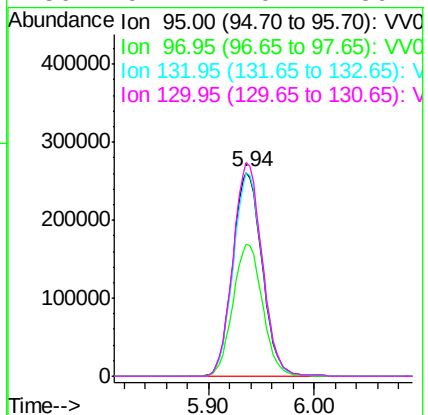
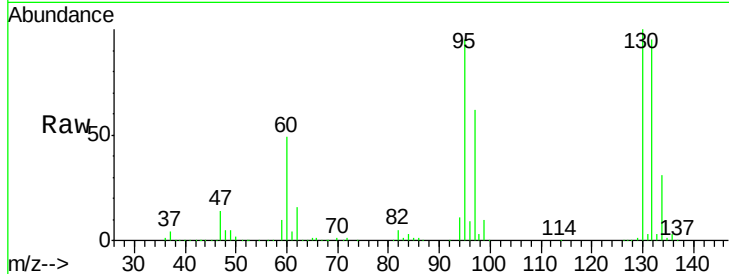
#34  
 Trichloroethene  
 Concen: 38.434 ug/L  
 RT: 5.94 min Scan# 1507  
 Delta R.T. -0.00 min  
 Lab File: VV017288.D  
 Acq: 01 Jul 2020 14:22

Instrument :  
 MSVOA\_V  
 ClientSampled :  
 ETYJ3

| Tot Ion | Ion   | Ratio | Resp   | Lower | Upper |
|---------|-------|-------|--------|-------|-------|
| 95      | 100   |       | 504032 |       |       |
| 97      | 64.6  | 45.3  | 84.1   |       |       |
| 132     | 99.8  | 68.8  | 127.8  |       |       |
| 130     | 104.7 | 70.2  | 130.4  |       |       |

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#49  
 Tetrachloroethene  
 Concen: 0.167 ug/L  
 RT: 8.00 min Scan# 2148  
 Delta R.T. 0.00 min  
 Lab File: VV017288.D  
 Acq: 01 Jul 2020 14:22

| Tgt Ion | Ion   | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|-------|
| 164     | 100   |       | 1760  |       |       |
| 129     | 113.0 | 65.2  | 121.0 |       |       |
| 131     | 90.4  | 64.1  | 119.1 |       |       |
| 166     | 134.1 | 90.2  | 167.4 |       |       |

