

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072018\  
 Data File : VV006666.D  
 Acq On : 20 Jul 2018 14:38  
 Operator : SY/MD  
 Sample : J3983-19DL 10X  
 Misc : 25 mL/MSVOA V/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 DB199DL

Manual Integrations  
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Quant Time: Jul 26 02:45:05 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR071918WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Thu Jul 26 02:08:26 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 239327   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 220410   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 96481    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 84759    | 5.05     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 101.00% |
| 7) Chloroethane-d5             | 1.58   | 69    | 65282m   | 5.76     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 115.20% |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 114545   | 3.55     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 71.00%  |
| 20) 2-Butanone-d5              | 3.95   | 46    | 165183   | 45.28    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 90.56%  |
| 24) Chloroform-d               | 4.41   | 84    | 140796   | 4.94     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 98.80%  |
| 26) 1,2-Dichloroethane-d4      | 5.09   | 65    | 68510    | 5.13     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 102.60% |
| 32) Benzene-d6                 | 5.10   | 84    | 304043   | 5.08     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 101.60% |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 95274    | 5.13     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 102.60% |
| 41) Toluene-d8                 | 7.36   | 98    | 267837   | 4.81     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 96.20%  |
| 43) trans-1,3-Dichloropropene- | 7.67   | 79    | 27048    | 4.29     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 85.80%  |
| 46) 2-Hexanone-d5              | 8.14   | 63    | 147575   | 46.99    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 93.98%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.27  | 84    | 65793    | 4.87     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 97.40%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.68  | 152   | 93293    | 5.37     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 107.40% |

| Target Compounds             |      |    |      |           | Ovalue |
|------------------------------|------|----|------|-----------|--------|
| 13) Acetone                  | 2.19 | 43 | 9807 | 3.51 ug/L | 99     |
| 18) trans-1,2-Dichloroethene | 2.79 | 96 | 6383 | 0.33 ug/L | 95     |
| 21) 2-Butanone               | 4.04 | 43 | 8635 | 1.84 ug/L | 99     |

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

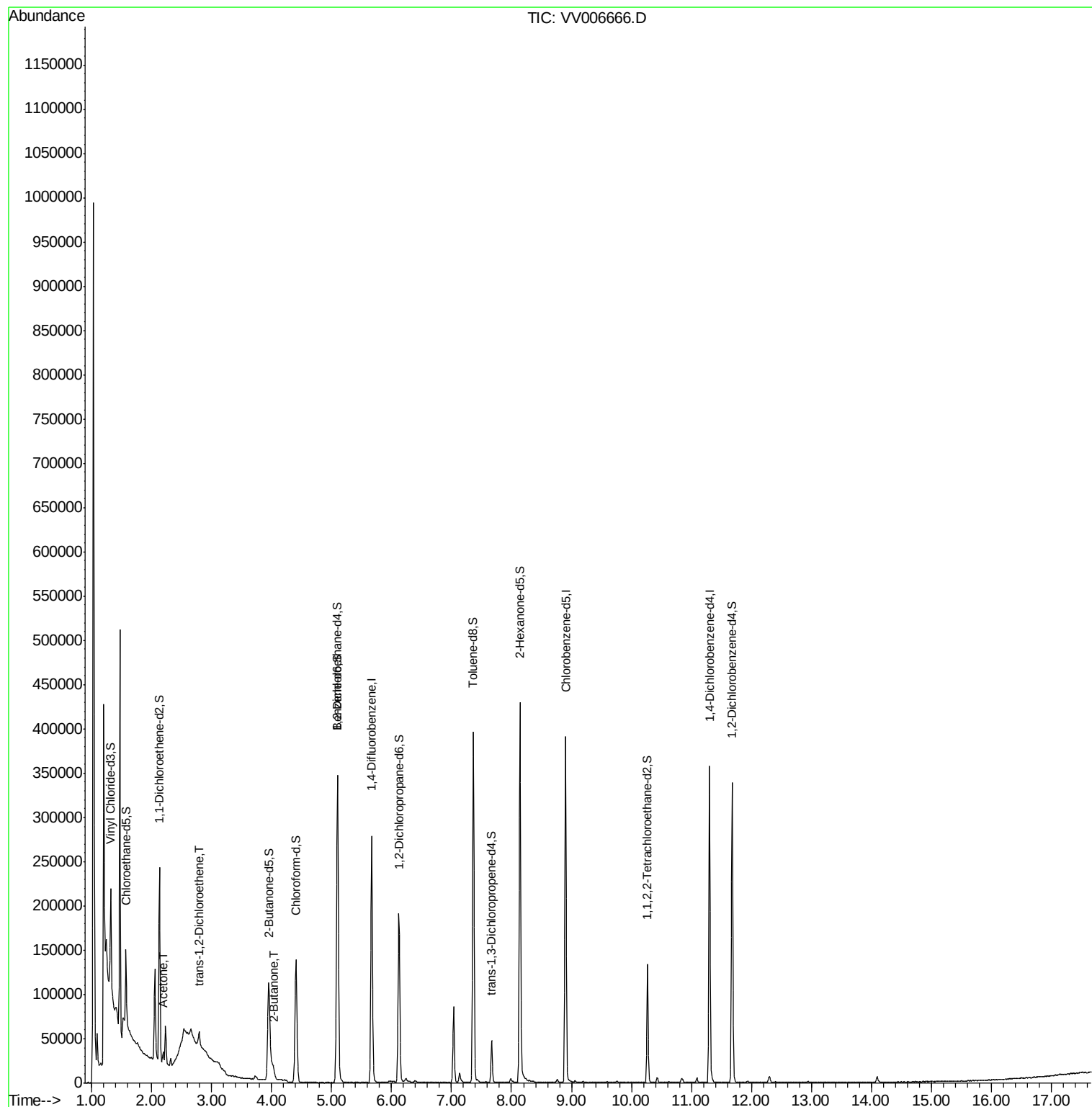
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV072018\  
Data File : VV006666.D  
Acq On : 20 Jul 2018 14:38  
Operator : SY/MD  
Sample : J3983-19DL 10X  
Misc : 25 mL/MSVOA V/WATER  
ALS Vial : 11 Sample Multiplier: 1

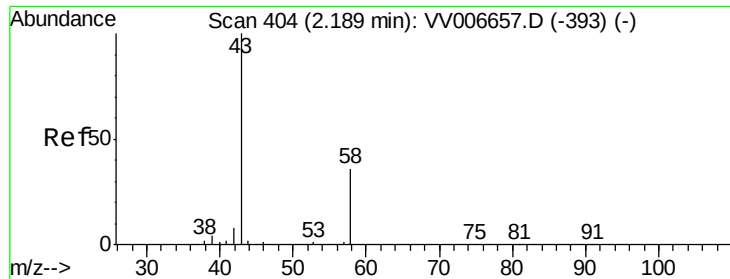
Instrument :  
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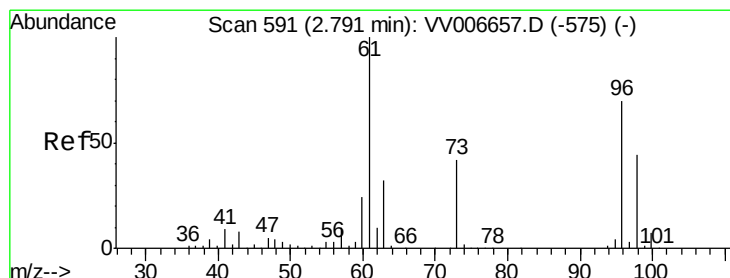
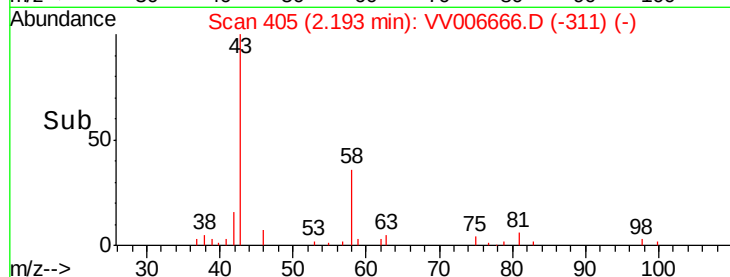
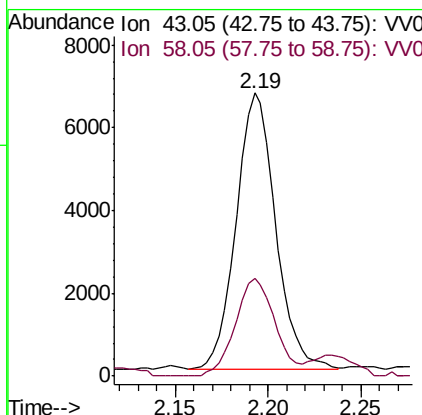
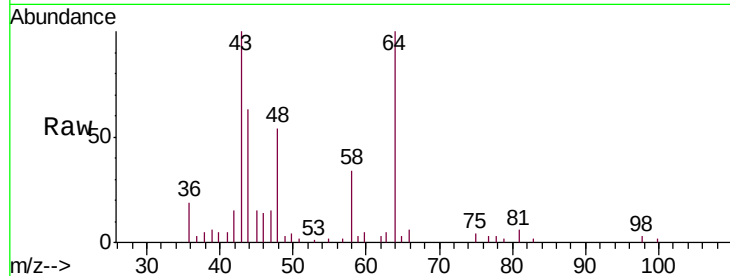
#13  
Acetone  
Concen: 3.51 ug/L  
RT: 2.19 min Scan# 405  
Delta R.T. 0.00 min  
Lab File: VV006666.D  
Acq: 20 Jul 2018 14:38

Instrument :  
MSVOA\_V  
ClientSampled :  
DB199DL

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 36.0  | 0.0   | 72.8  |

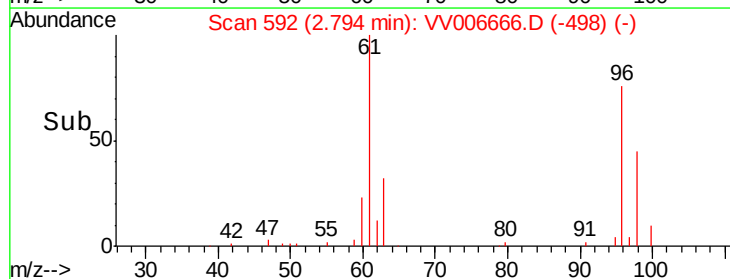
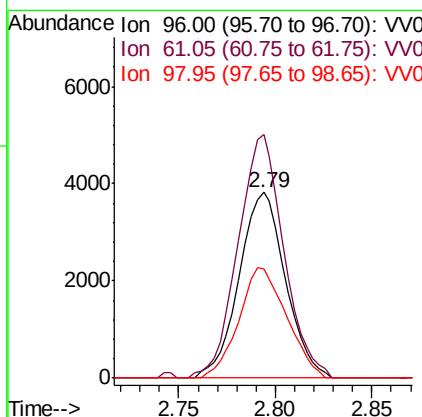
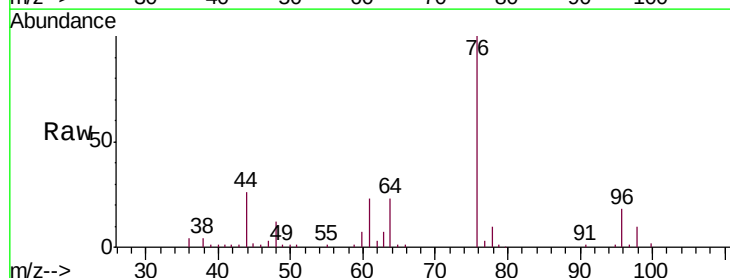
Manual Integrations  
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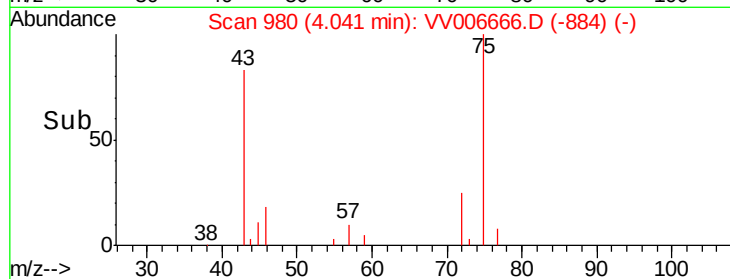
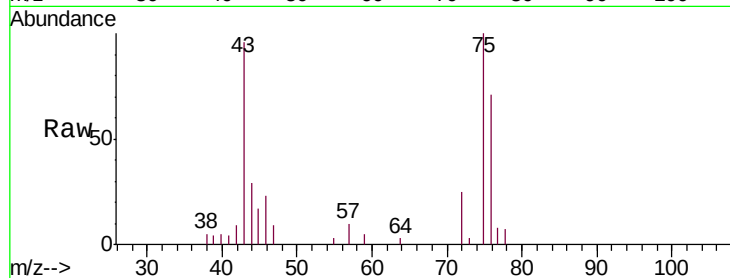
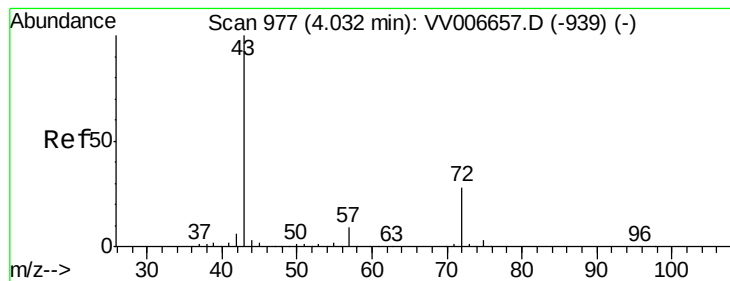
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#18  
trans-1,2-Dichloroethene  
Concen: 0.33 ug/L  
RT: 2.79 min Scan# 592  
Delta R.T. 0.00 min  
Lab File: VV006666.D  
Acq: 20 Jul 2018 14:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 131.2 | 96.0  | 178.4 |
| 98      | 59.1  | 43.5  | 80.9  |





#21

2-Butanone

Concen: 1.84 ug/L

RT: 4.04 min Scan# 980

Delta R.T. 0.01 min

Lab File: VV006666.D

Acq: 20 Jul 2018 14:38

Tot Ion: 43 Resp: 8635

Ion Ratio Lower Upper

43 100

72 28.3 13.9 41.6

Instrument :

MSVOA\_V

ClientSampleId :

DB199DL

Manual Integrations

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