

Data File : VV007623.D  
Acq On : 19 Sep 2018 01:04  
Operator : SY/MD  
Sample : J4874-01  
Misc : 25.0 mL/MSVOA\_V/WATER  
ALS Vial : 28 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
A3Z71

Quant Time: Sep 19 04:03:57 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR091818WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Wed Sep 19 01:47:19 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 112846   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 101120   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 52770    | 5.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 24073    | 4.47     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 89.40%   |
| 7) Chloroethane-d5             | 1.59   | 69    | 22496    | 4.66     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 93.20%   |
| 11) 1,1-Dichloroethene-d2      | 2.14   | 63    | 42845    | 3.29     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 65.80%   |
| 20) 2-Butanone-d5              | 3.97   | 46    | 53406    | 72.00    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 144.00%# |
| 24) Chloroform-d               | 4.41   | 84    | 52127    | 4.59     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 91.80%   |
| 26) 1,2-Dichloroethane-d4      | 5.09   | 65    | 27382    | 4.91     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 98.20%   |
| 32) Benzene-d6                 | 5.10   | 84    | 105441   | 4.98     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 99.60%   |
| 36) 1,2-Dichloropropane-d6     | 6.13   | 67    | 29316    | 4.77     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 95.40%   |
| 41) Toluene-d8                 | 7.36   | 98    | 104917   | 4.70     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 94.00%   |
| 43) trans-1,3-Dichloropropene- | 7.67   | 79    | 11116    | 4.07     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 81.40%   |
| 46) 2-Hexanone-d5              | 8.15   | 63    | 21149    | 43.71    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 87.42%   |
| 57) 1,1,2,2-Tetrachloroethane- | 10.27  | 84    | 16603    | 3.89     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 77.80%   |
| 64) 1,2-Dichlorobenzene-d4     | 11.68  | 152   | 44619    | 4.83     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 96.60%   |

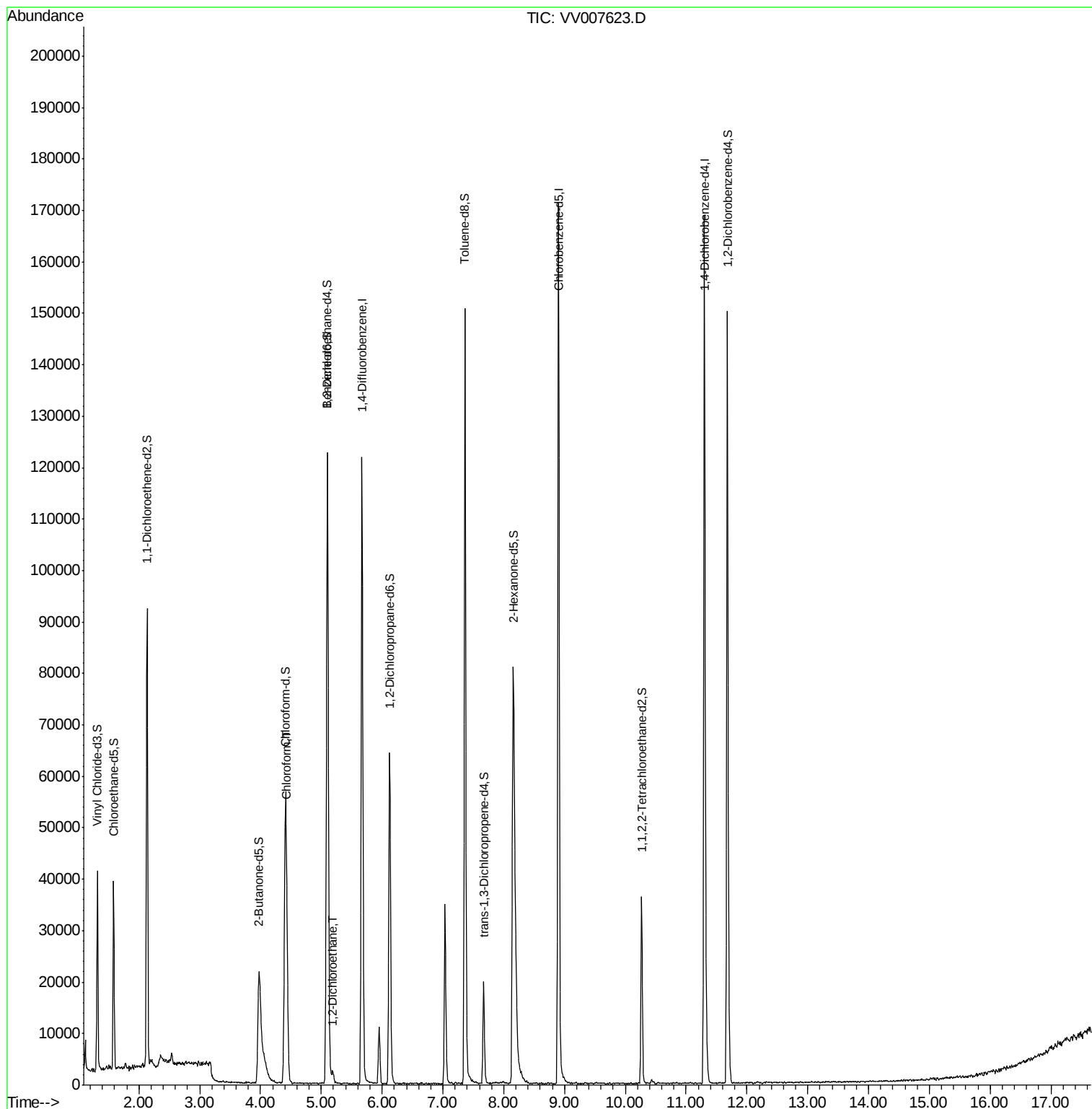
| Target Compounds       |      |    |       |              | Qvalue |
|------------------------|------|----|-------|--------------|--------|
| 25) Chloroform         | 4.43 | 83 | 21586 | 1.663 ug/L   | 91     |
| 27) 1,2-Dichloroethane | 5.19 | 62 | 2298  | 0.310 ug/L # | 74     |

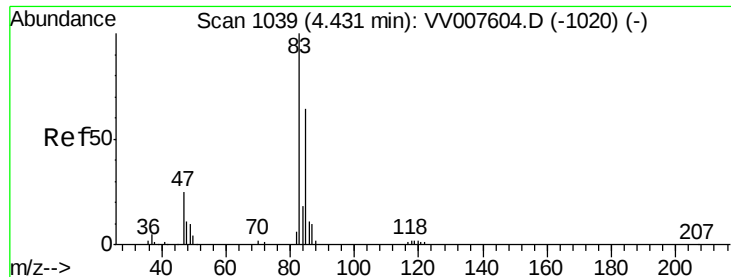
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV007623.D  
Acq On : 19 Sep 2018 01:04  
Operator : SY/MD  
Sample : J4874-01  
Misc : 25.0 mL/MSVOA\_V/WATER  
ALS Vial : 28 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
A3Z71

Quant Time: Sep 19 04:03:57 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR091818WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Wed Sep 19 01:47:19 2018  
Response via : Initial Calibration

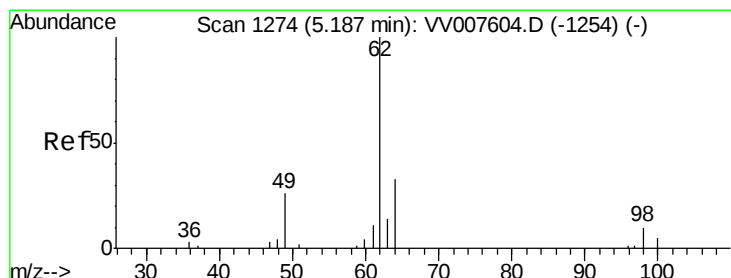
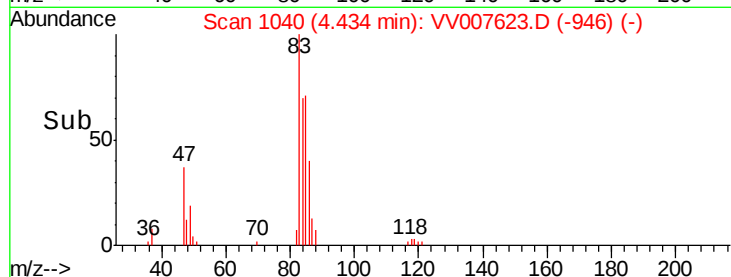
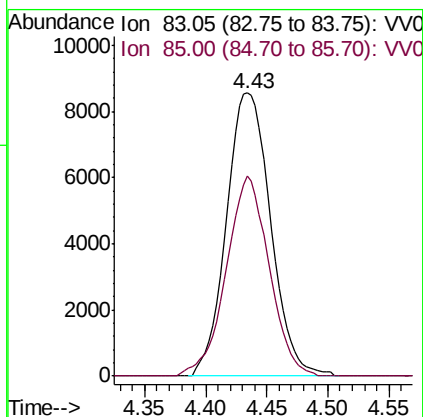
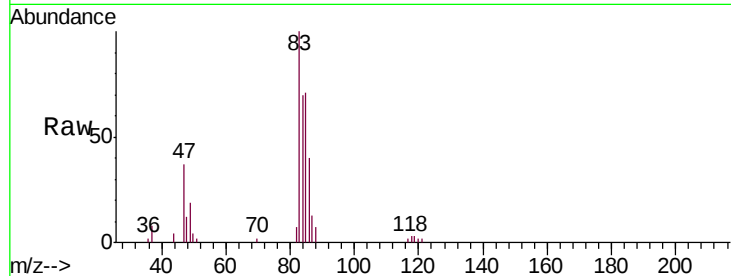




#25  
Chloroform  
Concen: 1.663 ug/L  
RT: 4.43 min Scan# 1040  
Delta R.T. 0.00 min  
Lab File: VV007623.D  
Acq: 19 Sep 2018 01:04

Instrument :  
MSVOA\_V  
ClientSampleId :  
A3Z71

Tgt Ion: 83 Resp: 21586  
Ion Ratio Lower Upper  
83 100  
85 70.6 44.5 82.7



#27  
1,2-Dichloroethane  
Concen: 0.310 ug/L  
RT: 5.19 min Scan# 1274  
Delta R.T. -0.00 min  
Lab File: VV007623.D  
Acq: 19 Sep 2018 01:04

Tgt Ion: 62 Resp: 2298  
Ion Ratio Lower Upper  
62 100  
98 0.0 7.6 11.4#

