

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR091418\  
 Data File : VR025731.D  
 Acq On : 14 Sep 2018 15:55  
 Operator : SY/MD  
 Sample : J4887-10  
 Misc : 25mL/MSVOA R/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_R  
 ClientSampleId :

Quant Time: Sep 15 03:30:15 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_R\METHODS\SOMRTR090718WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Sat Sep 15 03:08:36 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.46  | 114  | 602172   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.29 | 117  | 514664   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.23 | 152  | 145641   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 2.17   | 65    | 176764   | 6.75     | ug/L | 0.01     |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 135.00%# |
| 7) Chloroethane-d5             | 2.62   | 69    | 138447   | 6.46     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 129.20%  |
| 11) 1,1-Dichloroethene-d2      | 3.63   | 63    | 317001   | 4.43     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 88.60%   |
| 20) 2-Butanone-d5              | 6.59   | 46    | 122985   | 46.53    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 93.06%   |
| 24) Chloroform-d               | 7.20   | 84    | 321047   | 5.36     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 107.20%  |
| 26) 1,2-Dichloroethane-d4      | 7.90   | 65    | 115108   | 5.67     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 113.40%  |
| 32) Benzene-d6                 | 7.85   | 84    | 764790   | 5.50     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 110.00%  |
| 36) 1,2-Dichloropropane-d6     | 8.90   | 67    | 203388   | 5.43     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 108.60%  |
| 41) Toluene-d8                 | 9.97   | 98    | 693714   | 5.22     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 104.40%  |
| 43) trans-1,3-Dichloropropene- | 10.24  | 79    | 38098    | 4.12     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 82.40%   |
| 46) 2-Hexanone-d5              | 10.59  | 63    | 140455   | 50.77    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 101.54%  |
| 57) 1,1,2,2-Tetrachloroethane- | 12.36  | 84    | 83202    | 5.07     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 101.40%  |
| 64) 1,2-Dichlorobenzene-d4     | 13.52  | 152   | 150187   | 7.28     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 145.60%# |

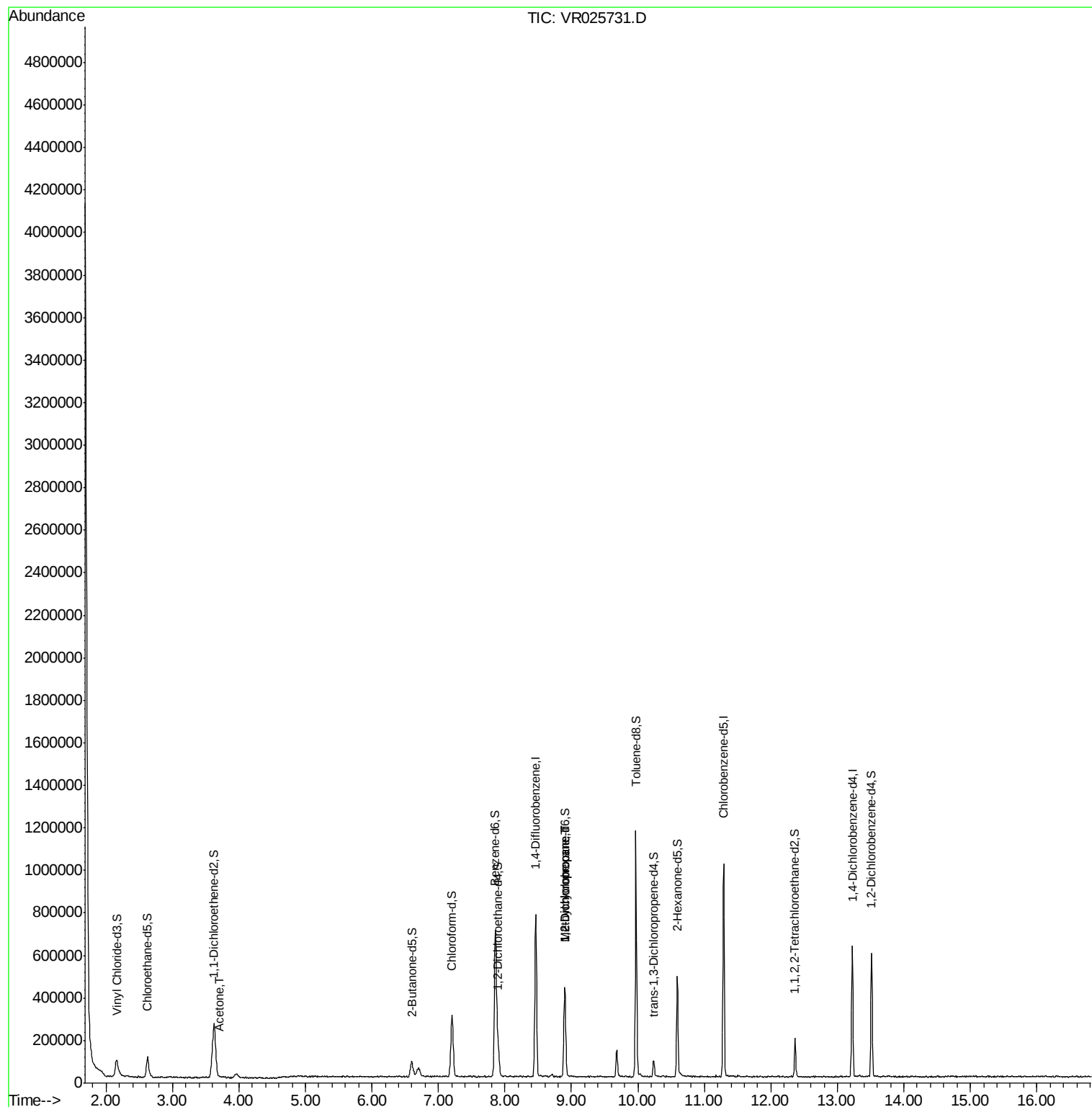
| Target Compounds        |      |    |       |             | Ovalue |
|-------------------------|------|----|-------|-------------|--------|
| 13) Acetone             | 3.70 | 43 | 4186  | 2.35 ug/L   | 98     |
| 35) Methylcyclohexane   | 8.91 | 83 | 44555 | 0.65 ug/L # | 23     |
| 37) 1,2-Dichloropropane | 8.90 | 63 | 19447 | 0.47 ug/L # | 96     |

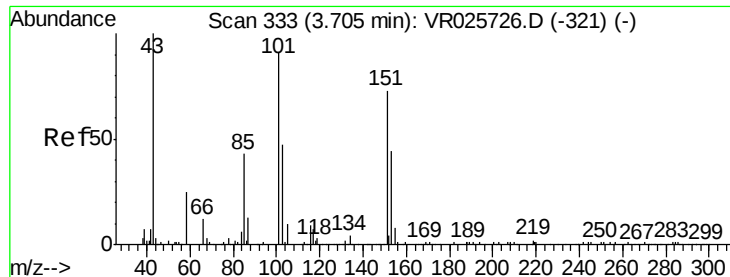
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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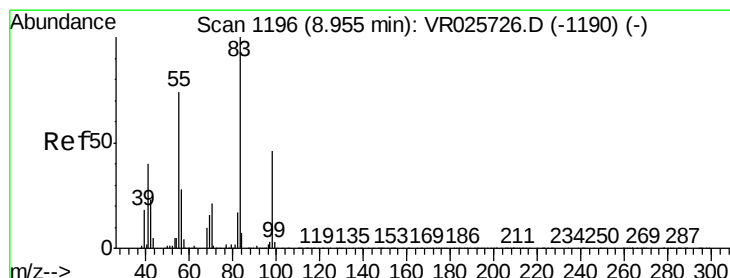
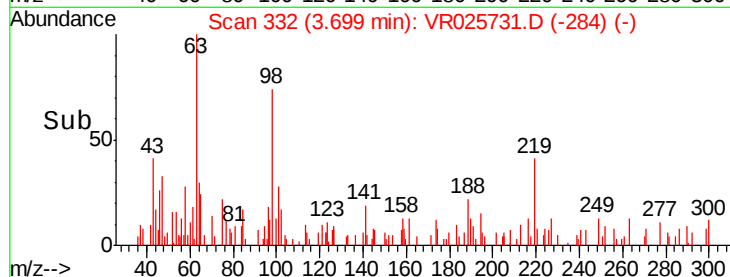
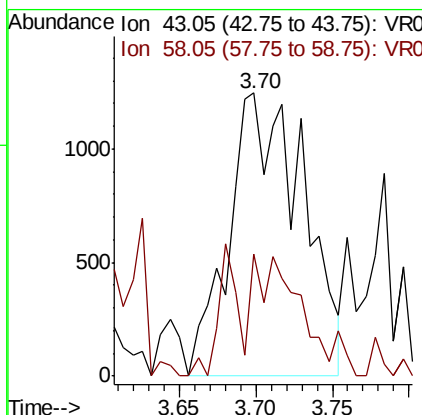
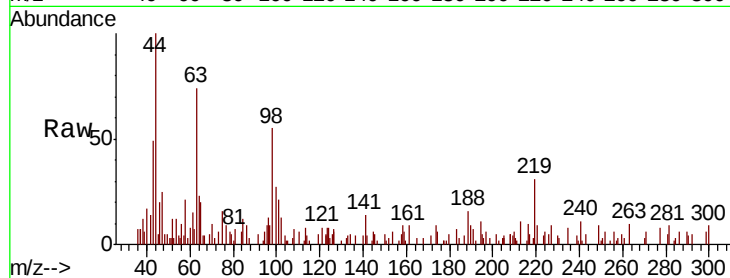




#13  
Acetone  
Concen: 2.35 ug/L  
RT: 3.70 min Scan# 332  
Delta R.T. -0.01 min  
Lab File: VR025731.D  
Acq: 14 Sep 2018 15:55

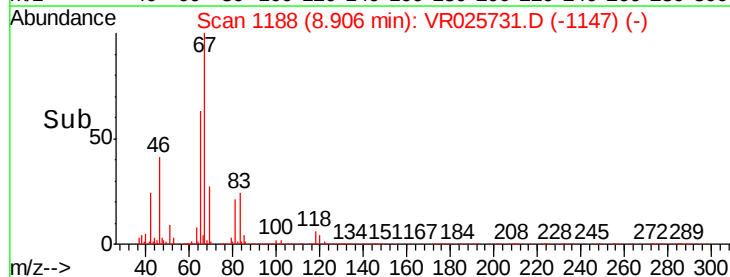
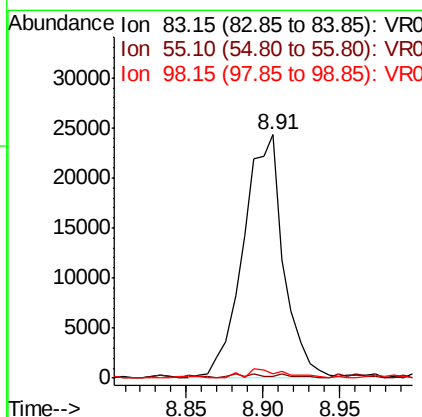
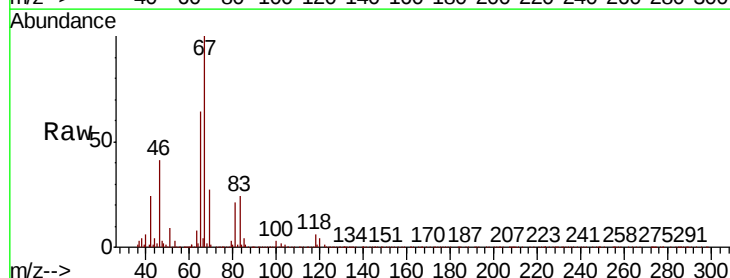
Instrument :  
MSVOA\_R  
ClientSampled :

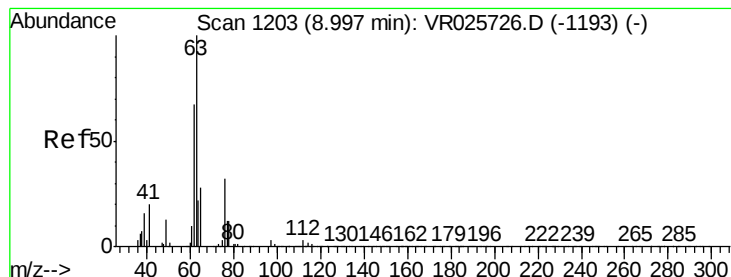
Tot Ion: 43 Resp: 4186  
Ion Ratio Lower Upper  
43 100  
58 25.8 0.0 53.6



#35  
Methylcyclohexane  
Concen: 0.65 ug/L  
RT: 8.91 min Scan# 1188  
Delta R.T. -0.05 min  
Lab File: VR025731.D  
Acq: 14 Sep 2018 15:55

Tgt Ion: 83 Resp: 44555  
Ion Ratio Lower Upper  
83 100  
55 1.0 58.9 88.3#  
98 4.2 36.9 55.3#





#37

1,2-Dichloropropane

Concen: 0.47 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.10 min

Lab File: VR025731.D

Acq: 14 Sep 2018 15:55

Instrument :  
MSVOA\_R  
ClientSampleId :

Tot Ion: 63 Resp: 19447

Ion Ratio Lower Upper

63 100

112 4.8 2.9 4.3#

