

Data File : VR025945.D  
Acq On : 4 Oct 2018 18:37  
Operator : SY/MD  
Sample : J5258-01 500X  
Misc : 25mL/MSVOA\_R/WATER  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_R  
ClientSampleId :  
ESNN1

Quant Time: Oct 05 04:44:06 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_R\METHODS\SOMRTR092718WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Fri Oct 05 04:42:35 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.46  | 114  | 545391   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.29 | 117  | 446036   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.22 | 152  | 149191   | 5.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.15   | 65    | 129667   | 3.01     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 60.20%  |
| 7) Chloroethane-d5             | 2.63   | 69    | 130677   | 3.72     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 74.40%  |
| 11) 1,1-Dichloroethene-d2      | 3.63   | 63    | 244330   | 2.42     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 48.40%# |
| 20) 2-Butanone-d5              | 6.59   | 46    | 207965   | 43.37    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 86.74%  |
| 24) Chloroform-d               | 7.20   | 84    | 268894   | 3.59     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 71.80%  |
| 26) 1,2-Dichloroethane-d4      | 7.90   | 65    | 127026   | 3.95     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 79.00%  |
| 32) Benzene-d6                 | 7.86   | 84    | 511506   | 3.45     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 69.00%# |
| 36) 1,2-Dichloropropane-d6     | 8.90   | 67    | 149347   | 3.73     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 74.60%  |
| 41) Toluene-d8                 | 9.97   | 98    | 459222   | 3.29     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 65.80%# |
| 43) trans-1,3-Dichloropropene- | 10.24  | 79    | 33866    | 3.73     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 74.60%  |
| 46) 2-Hexanone-d5              | 10.59  | 63    | 152496   | 44.04    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 88.08%  |
| 57) 1,1,2,2-Tetrachloroethane- | 12.36  | 84    | 62658    | 3.86     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 77.20%  |
| 64) 1,2-Dichlorobenzene-d4     | 13.51  | 152   | 88779    | 3.72     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 74.40%# |

#### Target Compounds

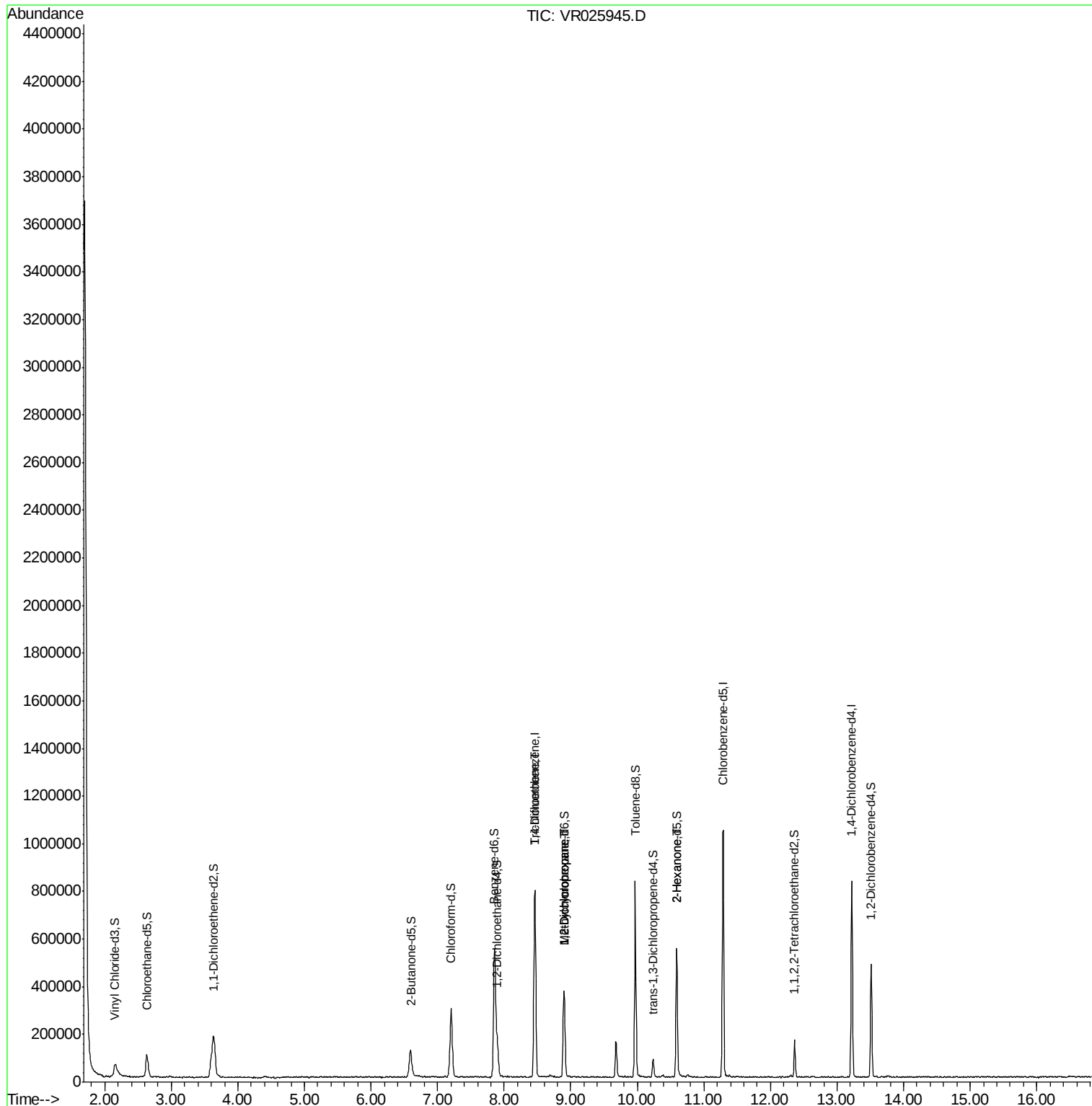
|                         |       |    |       |              | Qvalue |
|-------------------------|-------|----|-------|--------------|--------|
| 34) Trichloroethene     | 8.46  | 95 | 19713 | 0.500 ug/L # | 15     |
| 35) Methylcyclohexane   | 8.90  | 83 | 35429 | 0.598 ug/L # | 17     |
| 37) 1,2-Dichloropropane | 8.90  | 63 | 18830 | 0.587 ug/L # | 95     |
| 48) 2-Hexanone          | 10.59 | 43 | 23592 | 3.193 ug/L # | 72     |

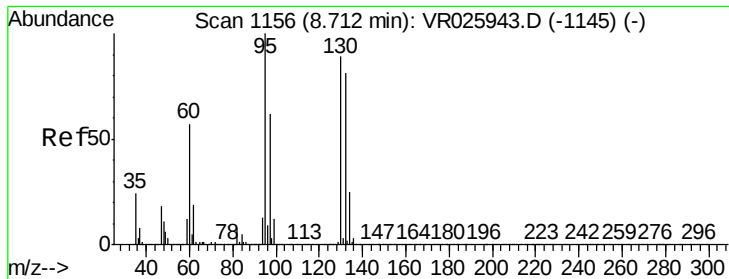
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

Trichloroethene

Concen: 0.500 ug/L

RT: 8.46 min Scan# 1115

Delta R.T. -0.25 min

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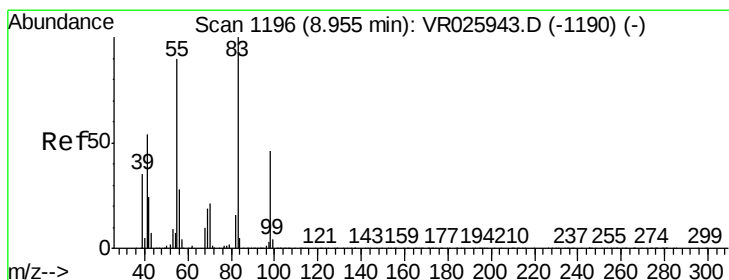
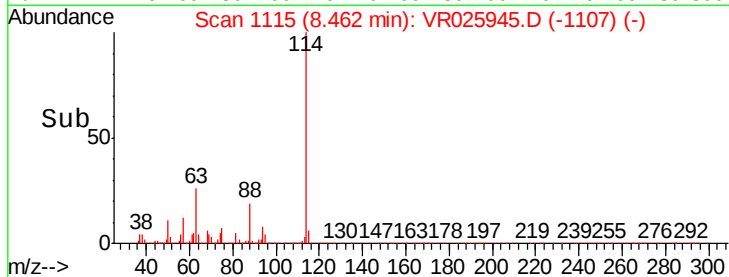
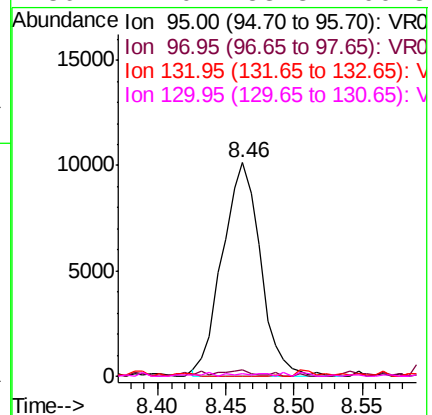
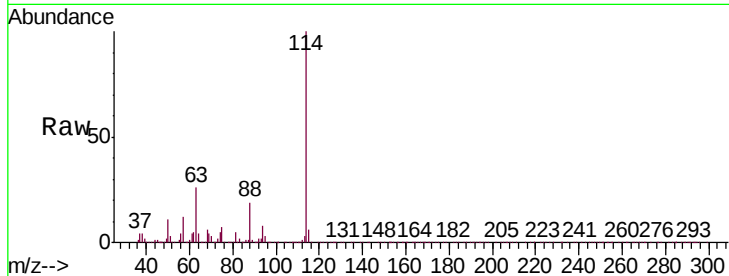
Instrument :

MSVOA\_R

ClientSampleId :

ESNN1

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 95    | Resp: | 19713 |
| Ion      | Ratio | Lower | Upper |
| 95       | 100   |       |       |
| 97       | 2.9   | 43.9  | 81.5# |
| 132      | 0.0   | 53.3  | 98.9# |
| 130      | 1.0   | 53.8  | 99.8# |



#35

Methylcyclohexane

Concen: 0.598 ug/L

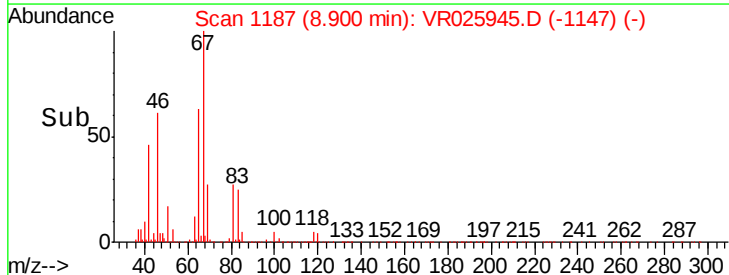
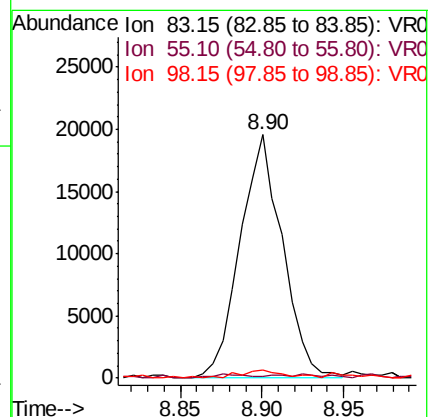
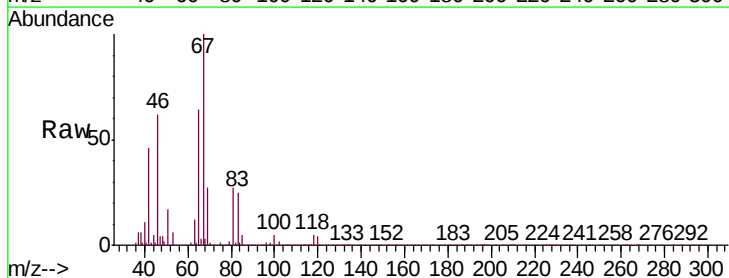
RT: 8.90 min Scan# 1187

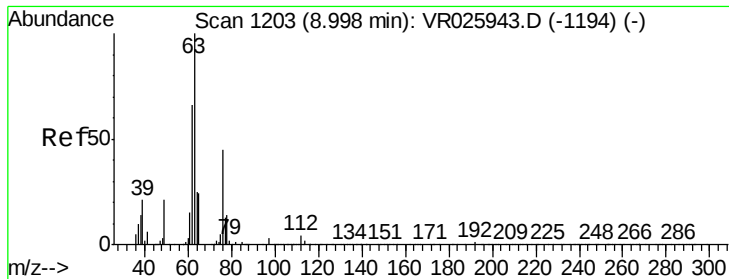
Delta R.T. -0.05 min

Lab File: VR025945.D

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|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 35429  |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 55       | 1.4   | 71.8  | 107.6# |
| 98       | 3.7   | 34.2  | 51.4#  |





#37

1,2-Dichloropropane

Concen: 0.587 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.10 min

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Instrument :

MSVOA\_R

ClientSampled :

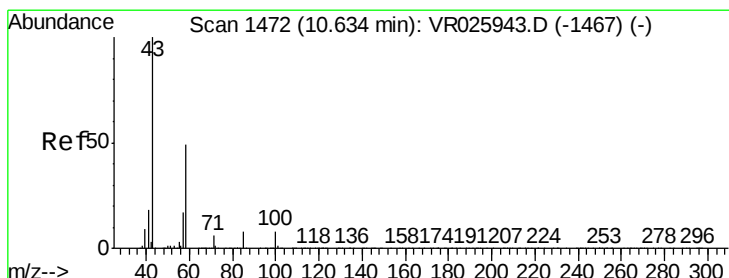
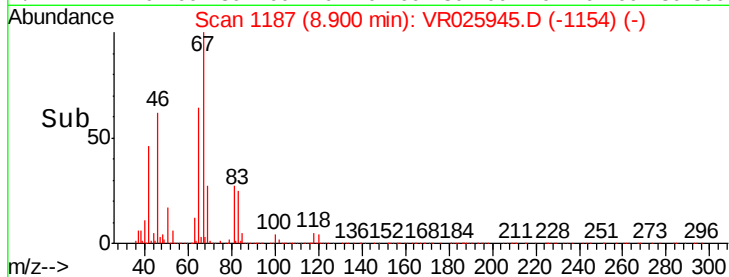
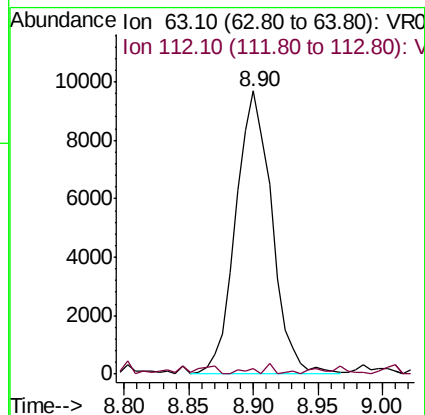
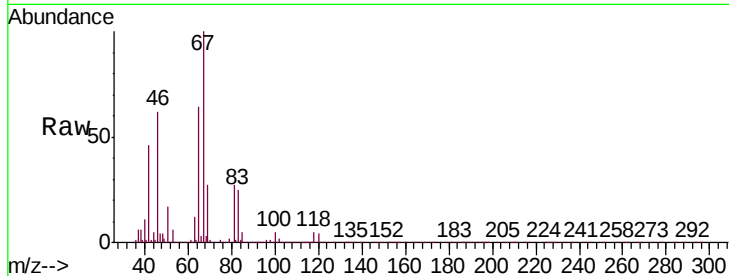
ESNN1

Tgt Ion: 63 Resp: 18830

Ion Ratio Lower Upper

63 100

112 1.6 2.5 3.7#



#48

2-Hexanone

Concen: 3.193 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

Lab File: VR025945.D

Acq: 4 Oct 2018 18:37

Tgt Ion: 43 Resp: 23592

Ion Ratio Lower Upper

43 100

58 25.7 39.5 59.3#

57 25.3 14.6 21.8#

100 1.6 6.7 10.1#

