

Data File : VV010507.D  
Acq On : 26 Apr 2019 13:37  
Operator : SY/MD  
Sample : MDL01  
Misc : 25mL/MSVOA\_V/WATER  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
MDL01

Quant Time: Apr 27 04:47:47 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR042619SIM.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Sat Apr 27 04:44:38 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 7246     | 0.50 | ug/L  | 0.00     |
| 5) Chlorobenzene-d5        | 8.89  | 117  | 6846     | 0.50 | ug/L  | 0.00     |
| 10) 1,4-Dichlorobenzene-d4 | 11.29 | 152  | 3262     | 0.50 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                               |       |       |          |          |      |        |
|-------------------------------|-------|-------|----------|----------|------|--------|
| 2) Vinyl Chloride-d3          | 1.32  | 65    | 2570     | 0.48     | ug/L | 0.00   |
| Spiked Amount                 | 0.500 | Range | 40 - 130 | Recovery | =    | 96.00% |
| 4) 1,2-Dichloroethane-d4      | 5.07  | 65    | 2385     | 0.49     | ug/L | 0.00   |
| Spiked Amount                 | 0.500 | Range | 70 - 130 | Recovery | =    | 98.00% |
| 7) Toluene-d8                 | 7.35  | 98    | 6703     | 0.47     | ug/L | 0.00   |
| Spiked Amount                 | 0.500 | Range | 70 - 130 | Recovery | =    | 94.00% |
| 9) 1,1,2,2-Tetrachloroethane- | 10.25 | 84    | 1924     | 0.49     | ug/L | 0.00   |
| Spiked Amount                 | 0.500 | Range | 65 - 120 | Recovery | =    | 98.00% |
| 11) 1-2-dichlorobenzene-d4    | 11.67 | 152   | 2835     | 0.44     | ug/L | 0.00   |
| Spiked Amount                 | 0.500 | Range | 80 - 120 | Recovery | =    | 88.00% |

#### Target Compounds

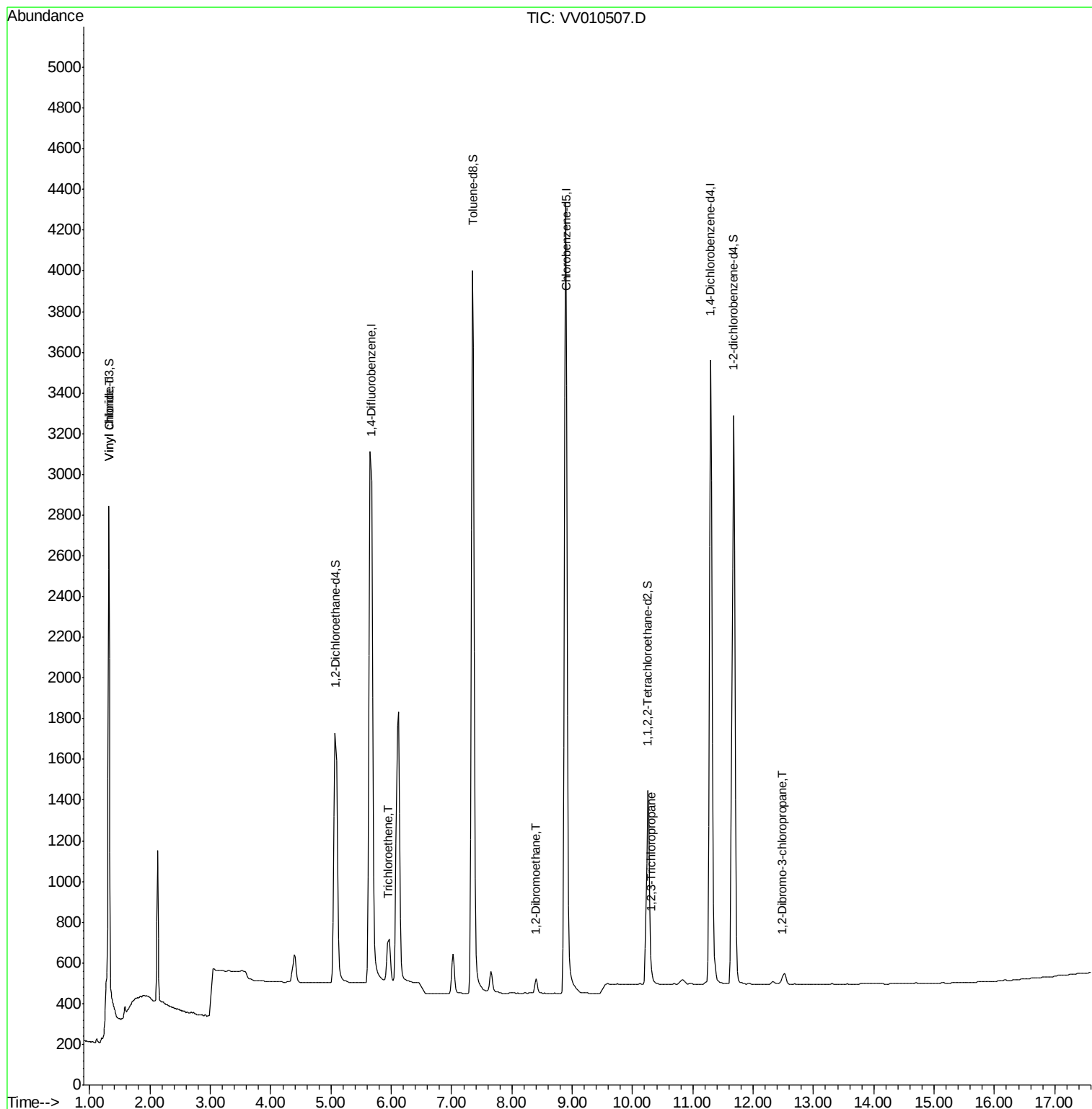
|                                |       |     |     |              | Qvalue |
|--------------------------------|-------|-----|-----|--------------|--------|
| 3) Vinyl chloride              | 1.32  | 62  | 172 | 0.032 ug/L # | 1      |
| 6) Trichloroethene             | 5.94  | 95  | 197 | 0.034 ug/L   | 84     |
| 8) 1,2-Dibromoethane           | 8.40  | 107 | 122 | 0.037 ug/L # | 86     |
| 12) 1,2,3-Trichloropropane     | 10.30 | 75  | 99  | 0.036 ug/L # | 81     |
| 13) 1,2-Dibromo-3-chloropropan | 12.48 | 75  | 39  | 0.051 ug/L # | 84     |

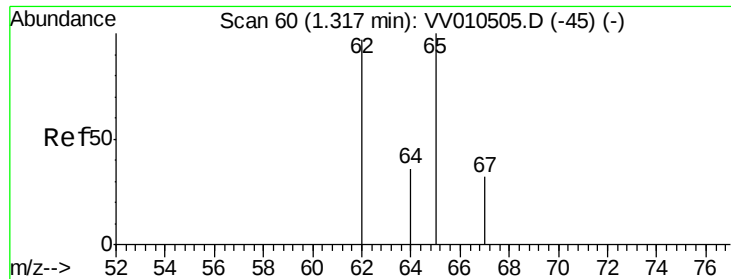
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Vinyl chloride

Concen: 0.032 ug/L

RT: 1.32 min Scan# 60

Delta R.T. -0.00 min

Lab File: VV010507.D

Acq: 26 Apr 2019 13:37

Instrument :

MSVOA\_V

ClientSampled :

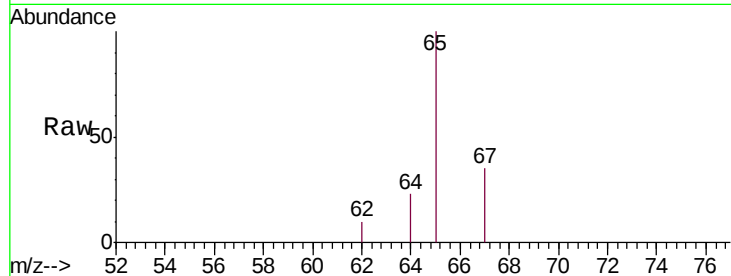
MDL01

Tgt Ion: 62 Resp: 172

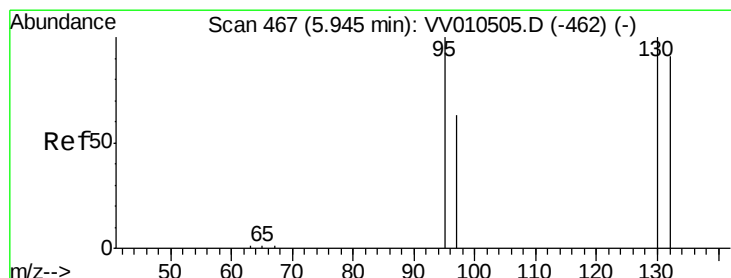
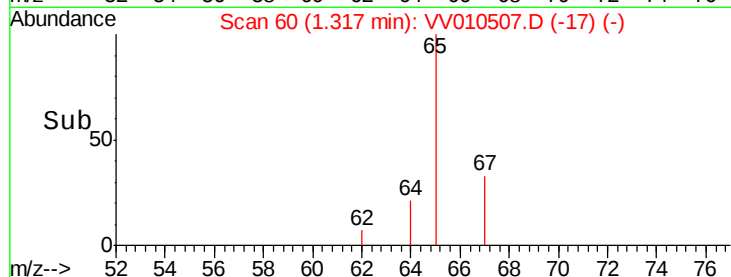
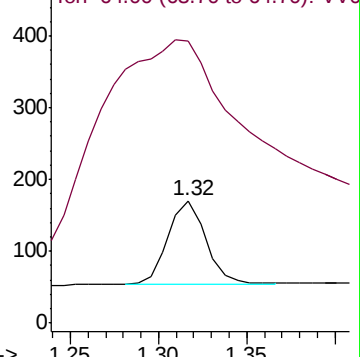
Ion Ratio Lower Upper

62 100

64 230.6 28.9 53.7#



Abundance Ion 62.00 (61.70 to 62.70): VV010505.D (-45) (-)



#6

Trichloroethene

Concen: 0.034 ug/L

RT: 5.94 min Scan# 467

Delta R.T. -0.00 min

Lab File: VV010507.D

Acq: 26 Apr 2019 13:37

Tgt Ion: 95 Resp: 197

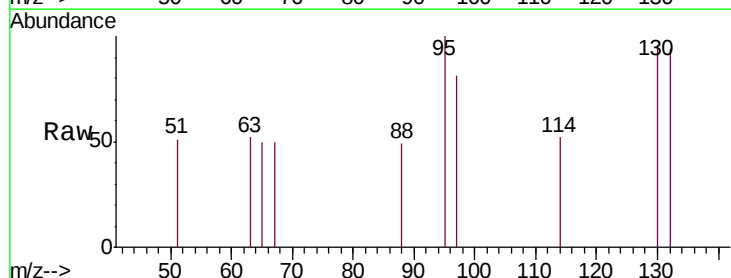
Ion Ratio Lower Upper

95 100

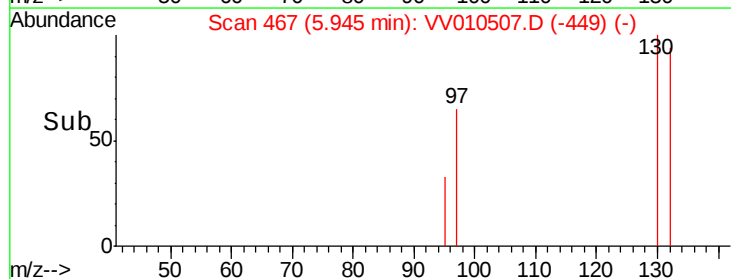
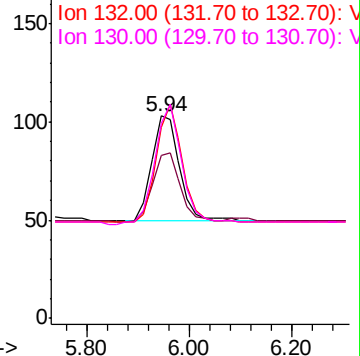
97 80.6 48.0 89.2

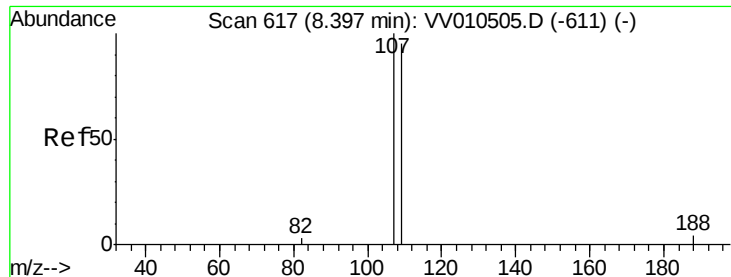
132 94.2 78.1 145.1

130 96.1 80.5 149.5



Abundance Ion 95.00 (94.70 to 95.70): VV010505.D (-462) (-)





#8

1,2-Dibromoethane

Concen: 0.037 ug/L

RT: 8.40 min Scan# 617

Delta R.T. 0.00 min

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Acq: 26 Apr 2019 13:37

Instrument :

MSVOA\_V

ClientSampled :

MDL01

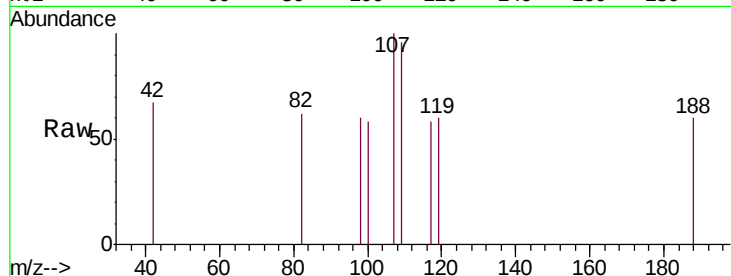
Tgt Ion: 107 Resp: 122

Ion Ratio Lower Upper

107 100

109 96.4 67.2 124.8

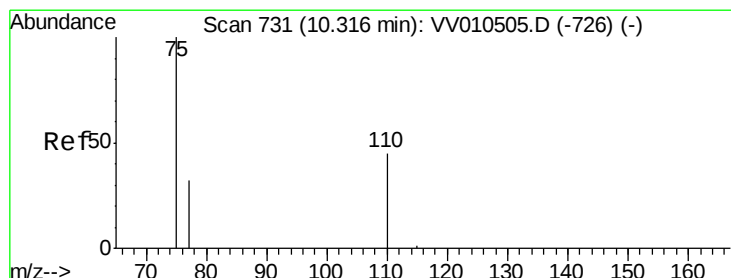
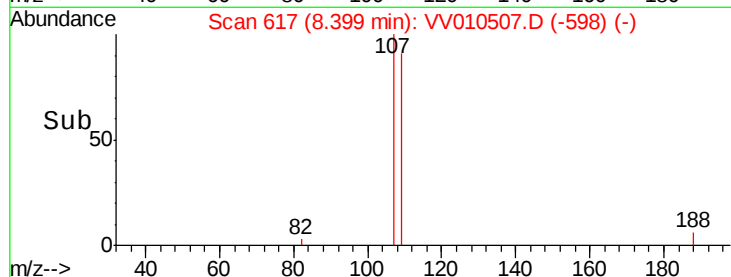
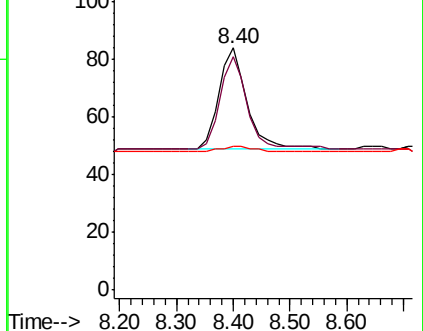
188 59.5 10.6 16.0#



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

Ion 188.00 (187.70 to 188.70): V



#12

1,2,3-Trichloropropane

Concen: 0.036 ug/L

RT: 10.30 min Scan# 730

Delta R.T. -0.02 min

Lab File: VV010507.D

Acq: 26 Apr 2019 13:37

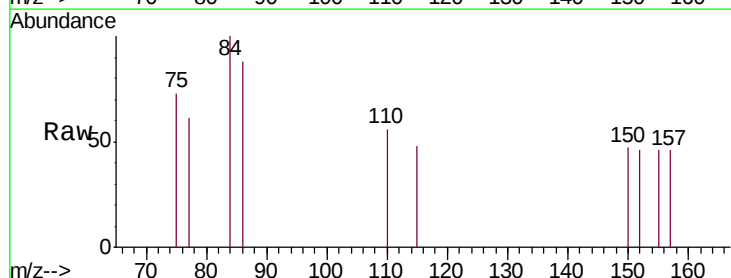
Tgt Ion: 75 Resp: 99

Ion Ratio Lower Upper

75 100

110 54.5 33.9 50.9#

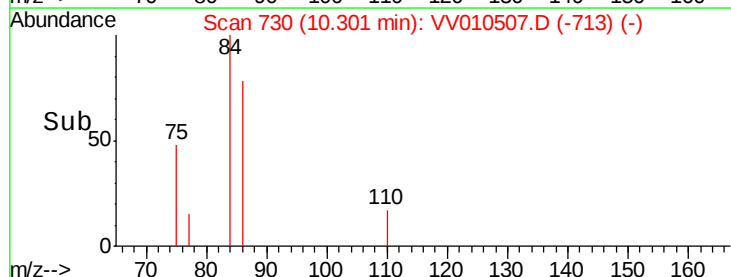
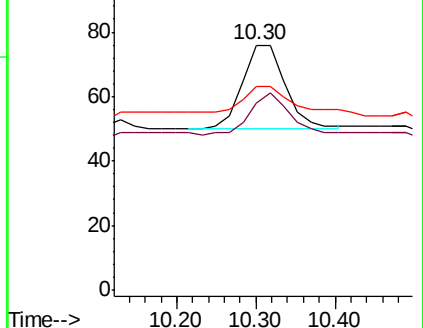
77 43.4 26.0 39.0#

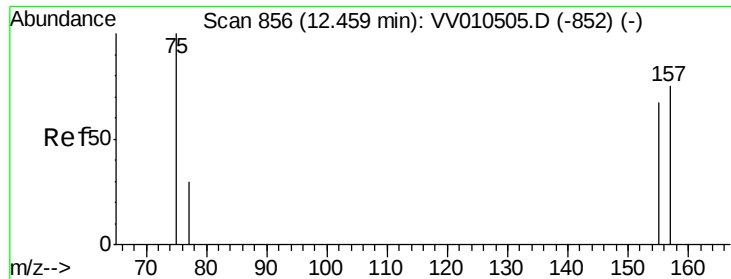


Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 110.00 (109.70 to 110.70): V

Ion 77.00 (76.70 to 77.70): VV0





#13

1,2-Dibromo-3-chloropropane

Concen: 0.051 ug/L

RT: 12.48 min Scan# 857

Delta R.T. 0.02 min

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MSVOA\_V

ClientSampleId :

MDL01

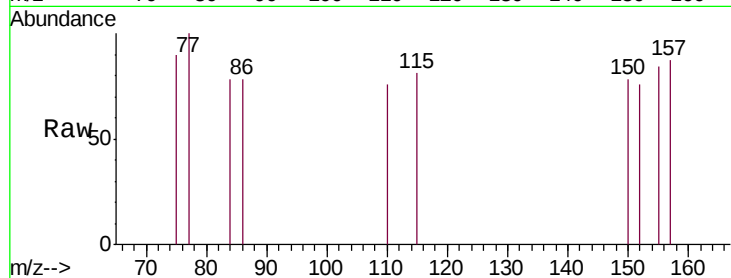
Tgt Ion: 75 Resp: 39

Ion Ratio Lower Upper

75 100

157 96.5 67.2 100.8

155 93.0 61.4 92.2#



Abundance Ion 75.00 (74.70 to 75.70): VV010507.D (-852) (-)

Ion 157.00 (156.70 to 157.70): VV010507.D (-852) (-)

Ion 155.00 (154.70 to 155.70): VV010507.D (-852) (-)

