

Data File : VV011855.D  
Acq On : 10 Jul 2019 16:44  
Operator : SY/MD  
Sample : VSTDCCC0.5EC  
Misc : 25ML/MSVOA\_V/WATER  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
BFB12

Quant Time: Jul 11 05:05:46 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR070819SIM.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Thu Jul 11 05:02:52 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 6972     | 0.50 | ug/L  | 0.00     |
| 5) Chlorobenzene-d5        | 8.89  | 117  | 6367     | 0.50 | ug/L  | 0.00     |
| 11) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 2897     | 0.50 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |       |       |          |          |      |         |
|--------------------------------|-------|-------|----------|----------|------|---------|
| 2) Vinyl Chloride-d3           | 1.32  | 65    | 3926     | 0.52     | ug/L | 0.00    |
| Spiked Amount                  | 0.500 | Range | 40 - 130 | Recovery | =    | 104.00% |
| 4) 1,2-Dichloroethane-d4       | 5.07  | 65    | 3138     | 0.55     | ug/L | 0.00    |
| Spiked Amount                  | 0.500 | Range | 70 - 130 | Recovery | =    | 110.00% |
| 7) 1,2-Dichloropropane-d6      | 6.12  | 67    | 3392     | 0.55     | ug/L | 0.00    |
| Spiked Amount                  | 0.500 | Range | 60 - 140 | Recovery | =    | 110.00% |
| 8) Toluene-d8                  | 7.35  | 98    | 8145     | 0.51     | ug/L | 0.00    |
| Spiked Amount                  | 0.500 | Range | 70 - 130 | Recovery | =    | 102.00% |
| 10) 1,1,2,2-Tetrachloroethane- | 10.25 | 84    | 1846     | 0.48     | ug/L | 0.00    |
| Spiked Amount                  | 0.500 | Range | 65 - 120 | Recovery | =    | 96.00%  |

#### Target Compounds

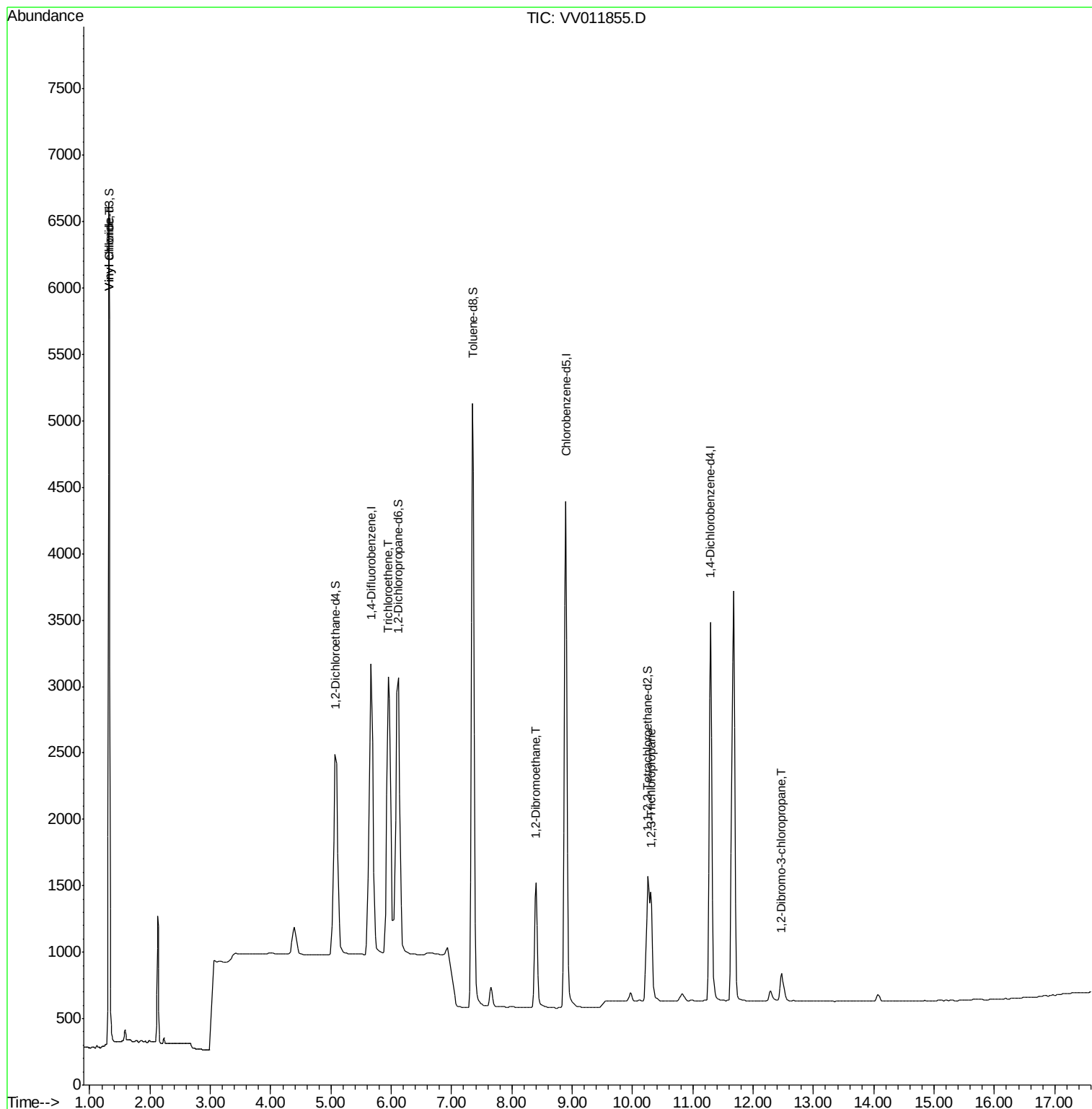
|                                |       |     |      |       |      | Qvalue |
|--------------------------------|-------|-----|------|-------|------|--------|
| 3) Vinyl chloride              | 1.32  | 62  | 3524 | 0.487 | ug/L | 98     |
| 6) Trichloroethene             | 5.95  | 95  | 2719 | 0.464 | ug/L | 99     |
| 9) 1,2-Dibromoethane           | 8.40  | 107 | 1540 | 0.485 | ug/L | 98     |
| 12) 1,2,3-Trichloropropane     | 10.30 | 75  | 1567 | 0.497 | ug/L | 99     |
| 13) 1,2-Dibromo-3-chloropropan | 12.46 | 75  | 234  | 0.404 | ug/L | 97     |

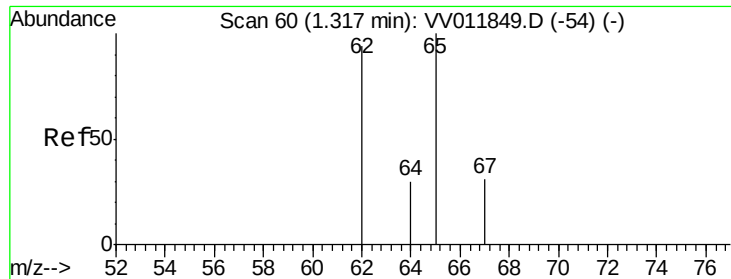
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Vinyl chloride

Concen: 0.487 ug/L

RT: 1.32 min Scan# 60

Delta R.T. -0.00 min

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Acq: 10 Jul 2019 16:44

Instrument :

MSVOA\_V

ClientSampled :

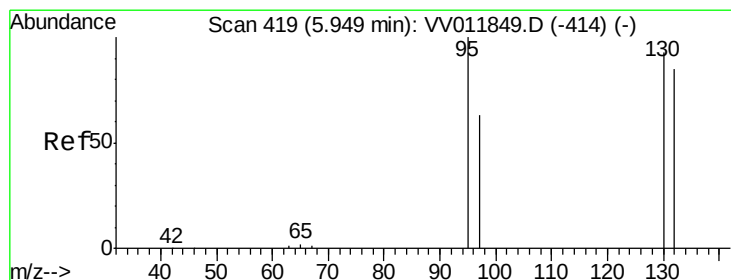
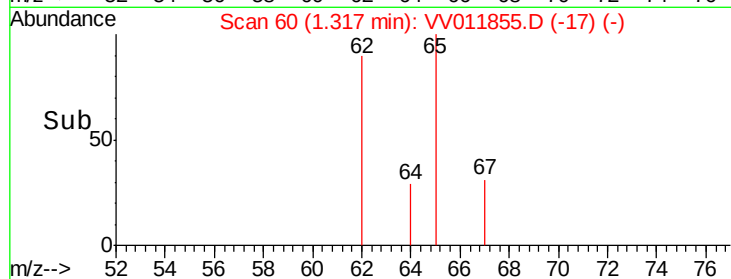
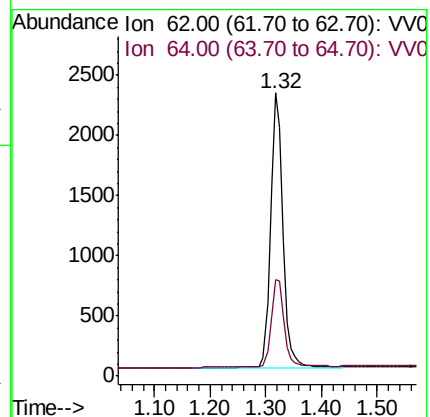
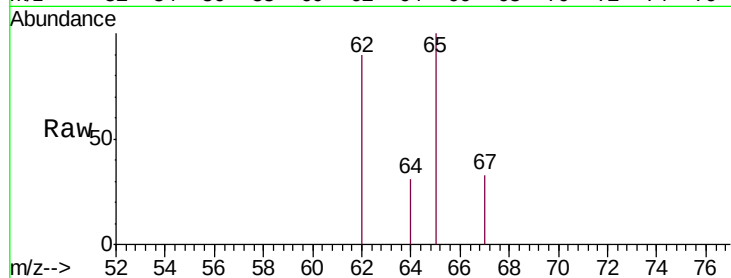
BFB12

Tgt Ion: 62 Resp: 3524

Ion Ratio Lower Upper

62 100

64 34.2 23.2 43.2



#6

Trichloroethene

Concen: 0.464 ug/L

RT: 5.95 min Scan# 419

Delta R.T. -0.00 min

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Acq: 10 Jul 2019 16:44

Tgt Ion: 95 Resp: 2719

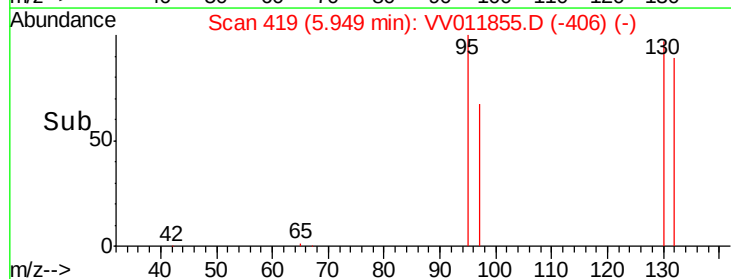
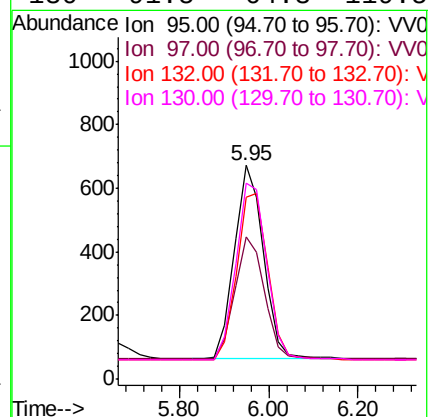
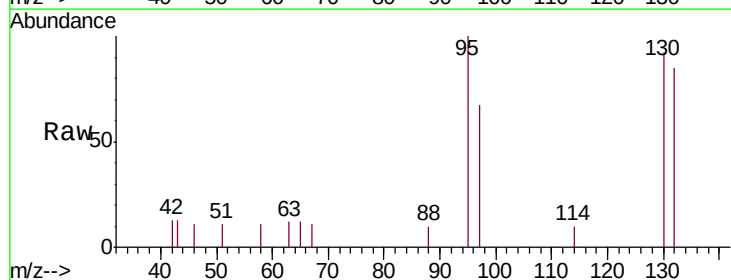
Ion Ratio Lower Upper

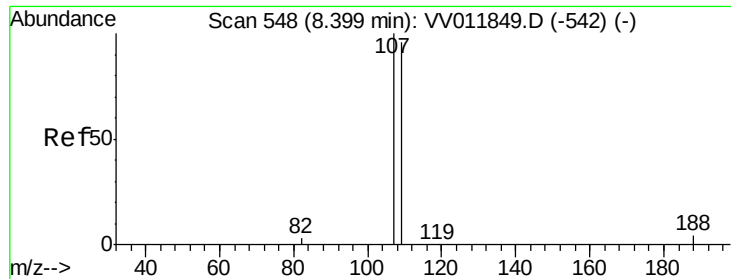
95 100

97 66.5 46.2 85.8

132 85.1 59.0 109.6

130 91.5 64.3 119.5





#9

1,2-Dibromoethane

Concen: 0.485 ug/L

RT: 8.40 min Scan# 548

Delta R.T. -0.00 min

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Acq: 10 Jul 2019 16:44

Instrument :

MSVOA\_V

ClientSampleId :

BFB12

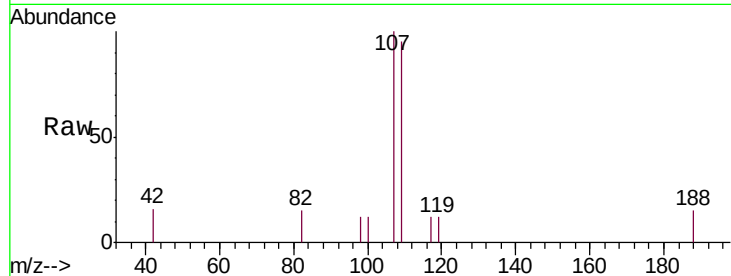
Tgt Ion: 107 Resp: 1540

Ion Ratio Lower Upper

107 100

109 95.4 67.7 125.7

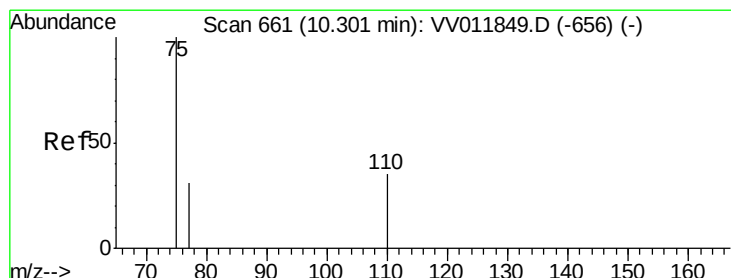
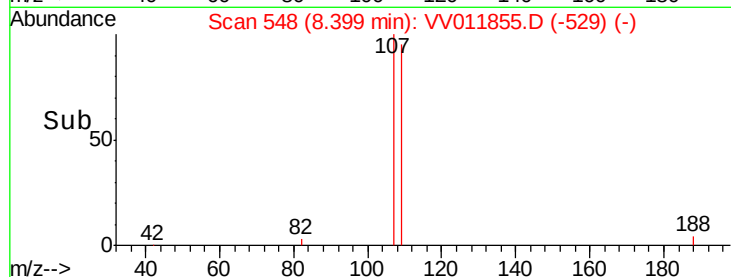
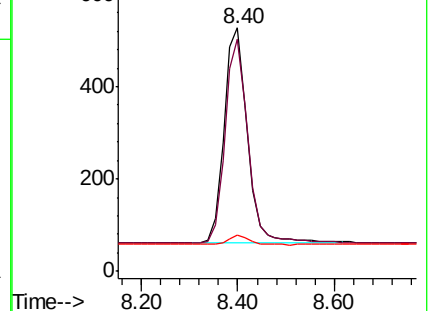
188 14.6 9.8 14.8



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: 0.497 ug/L

RT: 10.30 min Scan# 661

Delta R.T. -0.00 min

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Acq: 10 Jul 2019 16:44

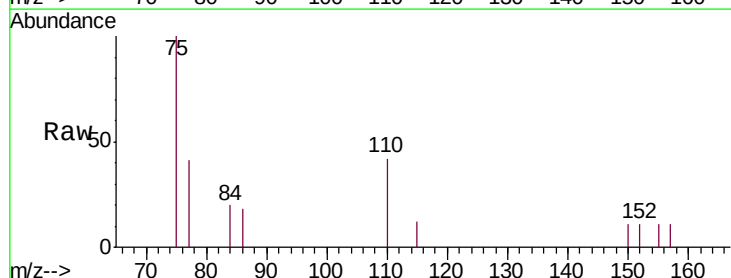
Tgt Ion: 75 Resp: 1567

Ion Ratio Lower Upper

75 100

110 38.9 32.2 48.4

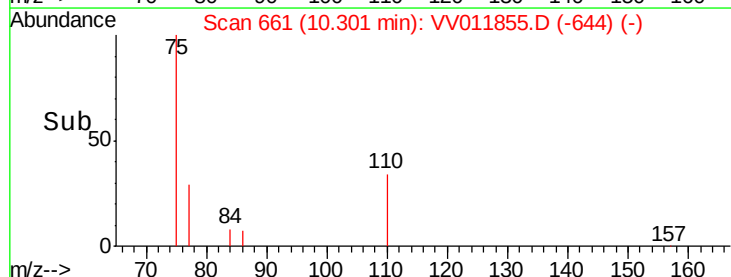
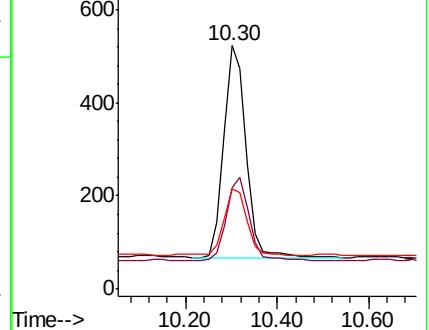
77 31.7 25.3 37.9

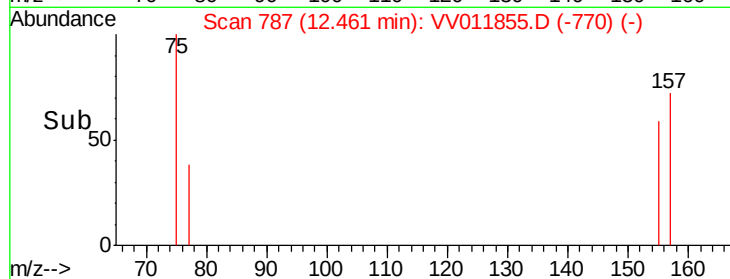
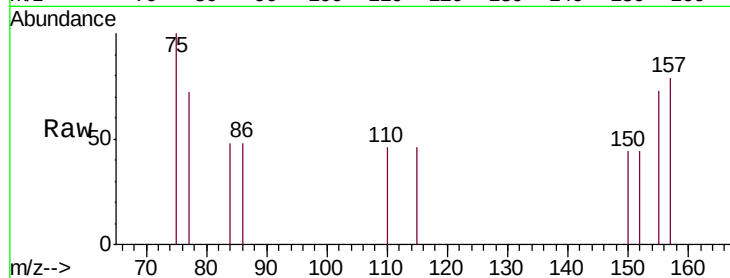
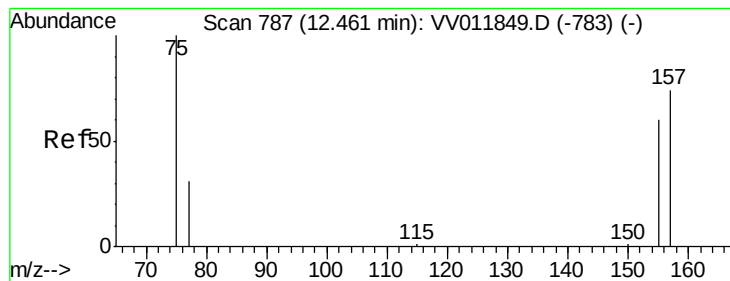


Abundance Ion 75.00 (74.70 to 75.70): VV0

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: 0.404 ug/L

RT: 12.46 min Scan# 787

Delta R.T. -0.00 min

Lab File: VV011855.D

Acq: 10 Jul 2019 16:44

Instrument :

MSVOA\_V

ClientSampleId :

BFB12

Tgt Ion: 75 Resp: 234

Ion Ratio Lower Upper

75 100

157 79.4 62.2 93.4

155 72.8 55.6 83.4

