

Data File : VV011859.D
Acq On : 11 Jul 2019 17:31
Operator : SY/MD
Sample : MDL07
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MDL07

Quant Time: Jul 12 03:47:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR070819SIM.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 12 03:44:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	8554	0.50	ug/L	0.00
5) Chlorobenzene-d5	8.89	117	7881	0.50	ug/L	0.00
11) 1,4-Dichlorobenzene-d4	11.30	152	3744	0.50	ug/L	0.00

System Monitoring Compounds

2) Vinyl Chloride-d3	1.32	65	3844	0.41	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	82.00%
4) 1,2-Dichloroethane-d4	5.07	65	3448	0.49	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	98.00%
7) 1,2-Dichloropropane-d6	6.12	67	3916	0.51	ug/L	0.00
Spiked Amount	0.500	Range	60 - 140	Recovery	=	102.00%
8) Toluene-d8	7.35	98	10333	0.52	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	104.00%
10) 1,1,2,2-Tetrachloroethane-	10.25	84	1909	0.40	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	80.00%

Target Compounds

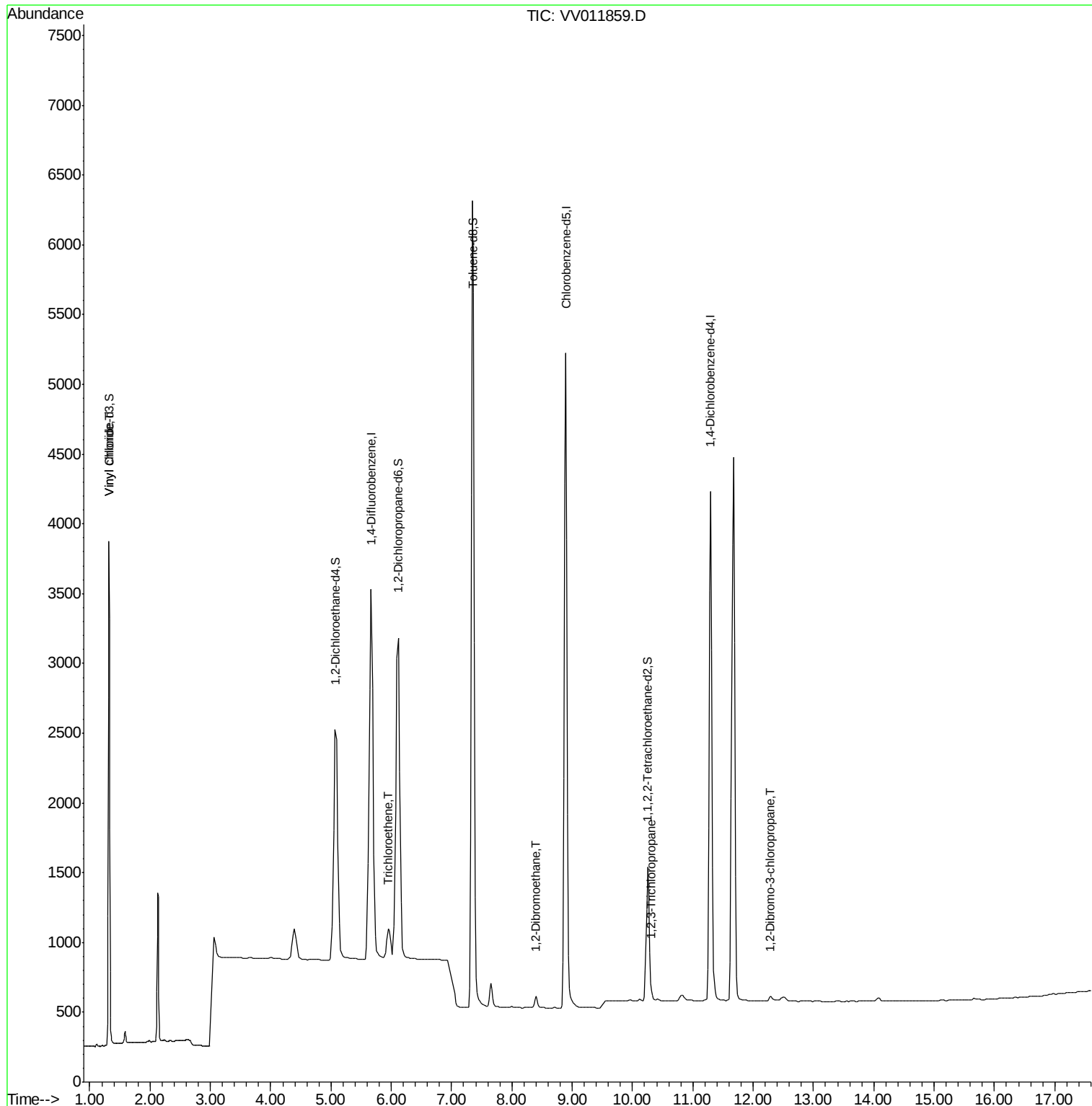
						Qvalue
3) Vinyl chloride	1.32	62	278	0.031	ug/L #	39
6) Trichloroethene	5.95	95	258	0.036	ug/L	90
9) 1,2-Dibromoethane	8.40	107	143	0.036	ug/L #	86
12) 1,2,3-Trichloropropane	10.30	75	122	0.030	ug/L	96
13) 1,2-Dibromo-3-chloropropan	12.29	75	85	0.114	ug/L	92

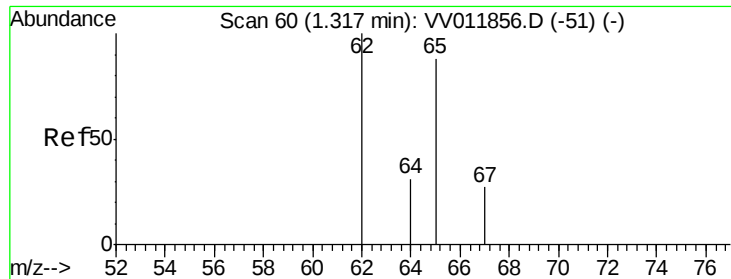
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Vinyl chloride

Concen: 0.031 ug/L

RT: 1.32 min Scan# 60

Delta R.T. -0.00 min

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Instrument :

MSVOA_V

ClientSampled :

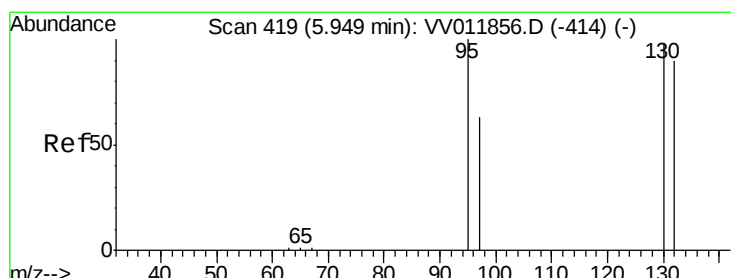
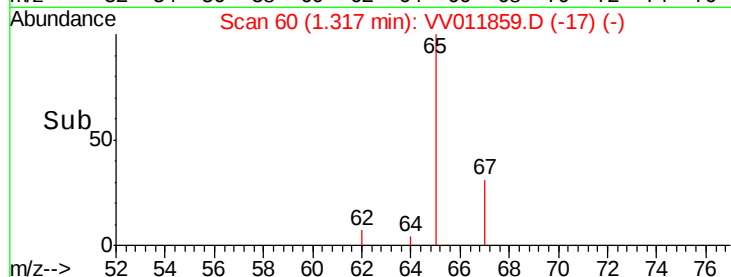
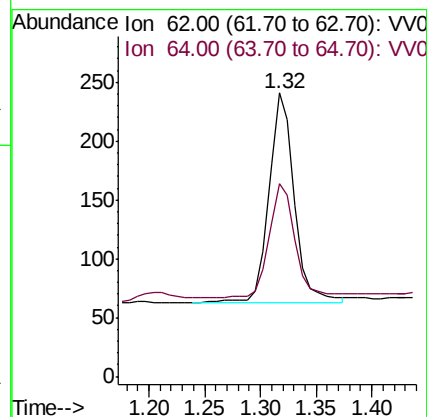
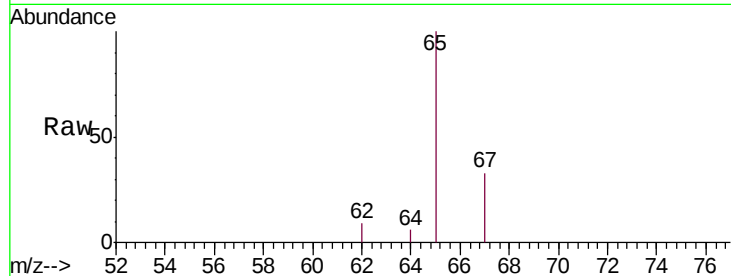
MDL07

Tgt Ion: 62 Resp: 278

Ion Ratio Lower Upper

62 100

64 68.0 23.2 43.2#



#6

Trichloroethene

Concen: 0.036 ug/L

RT: 5.95 min Scan# 419

Delta R.T. -0.00 min

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Tgt Ion: 95 Resp: 258

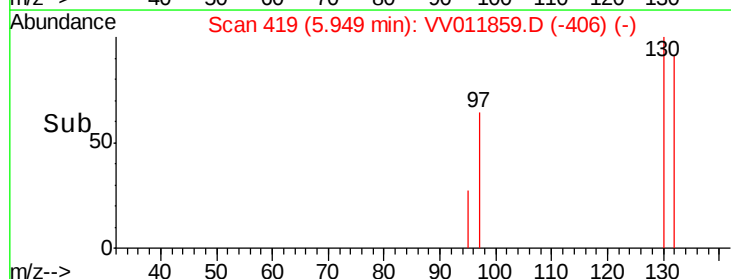
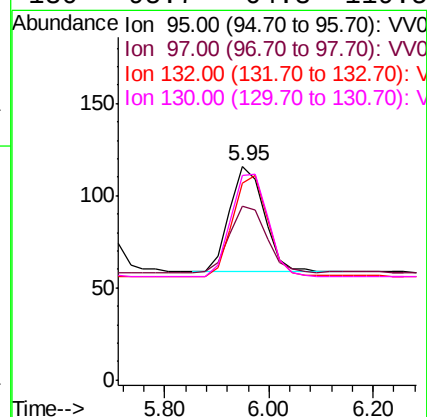
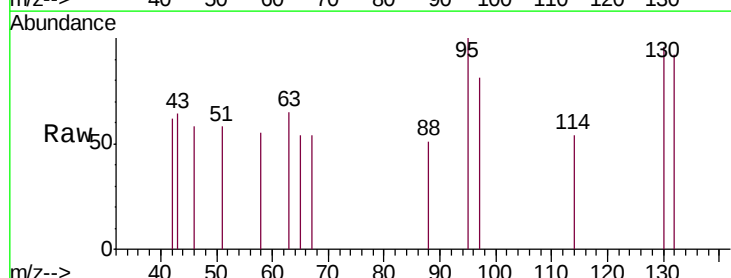
Ion Ratio Lower Upper

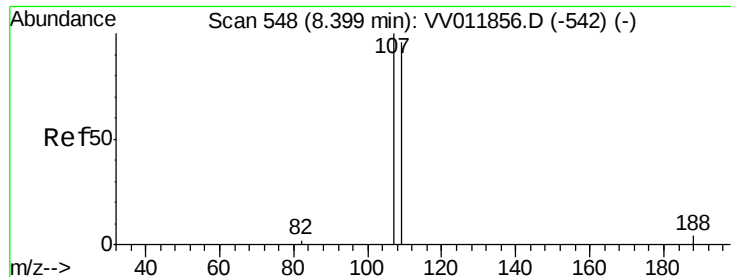
95 100

97 81.0 46.2 85.8

132 92.2 59.0 109.6

130 95.7 64.3 119.5





#9

1,2-Dibromoethane

Concen: 0.036 ug/L

RT: 8.40 min Scan# 548

Delta R.T. -0.00 min

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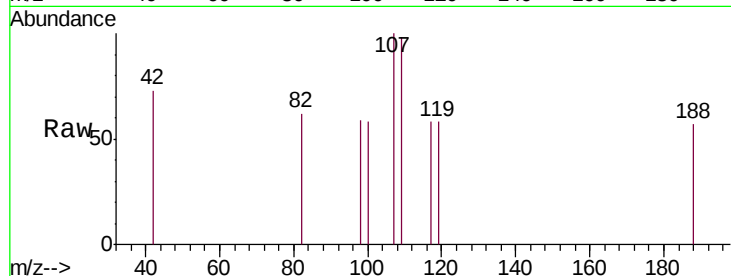
Tgt Ion: 107 Resp: 143

Ion Ratio Lower Upper

107 100

109 98.0 67.7 125.7

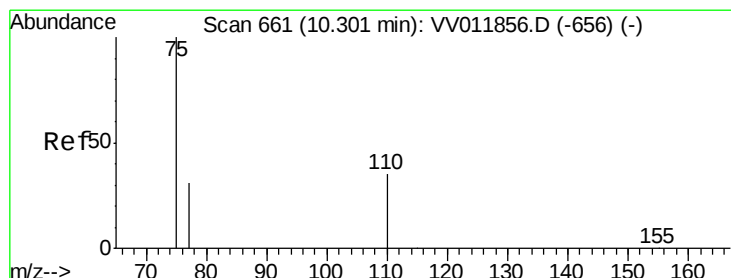
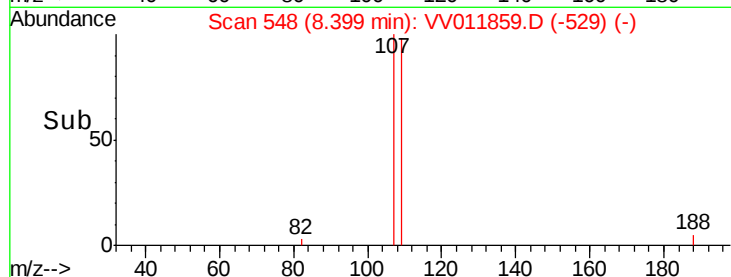
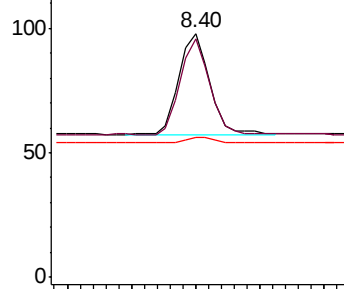
188 57.1 9.8 14.8#



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: 0.030 ug/L

RT: 10.30 min Scan# 661

Delta R.T. -0.00 min

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Acq: 11 Jul 2019 17:31

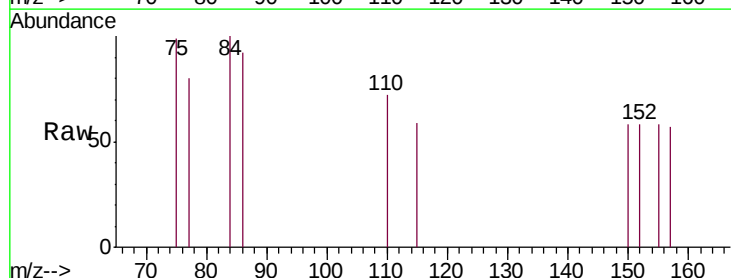
Tgt Ion: 75 Resp: 122

Ion Ratio Lower Upper

75 100

110 43.4 32.2 48.4

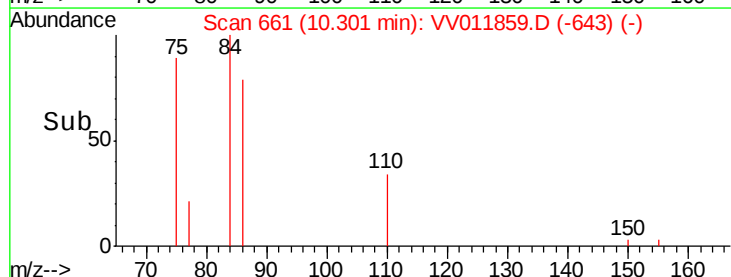
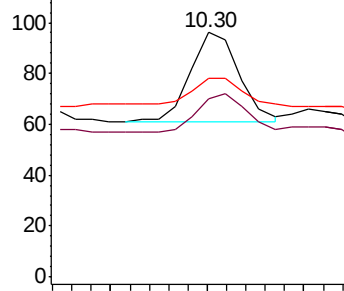
77 33.6 25.3 37.9

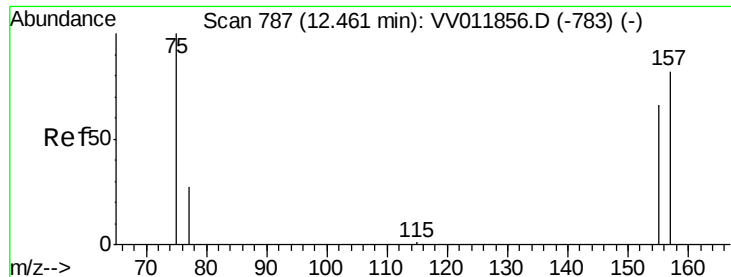


Abundance Ion 75.00 (74.70 to 75.70): VV0

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: 0.114 ug/L

RT: 12.29 min Scan# 777

Delta R.T. -0.17 min

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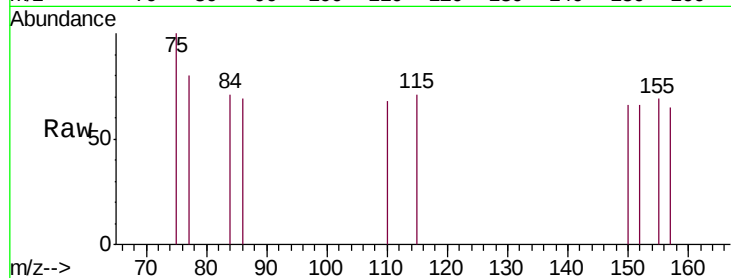
Tgt Ion: 75 Resp: 85

Ion Ratio Lower Upper

75 100

157 64.7 62.2 93.4

155 69.4 55.6 83.4



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 157.00 (156.70 to 157.70): V

Ion 155.00 (154.70 to 155.70): V

