

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070919\
 Data File : VV011846.D
 Acq On : 09 Jul 2019 12:50
 Operator : SY/MD
 Sample : MDL02
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL02

Quant Time: Jul 10 01:48:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR070819SIM.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 10 01:45:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	8629	0.50	ug/L	0.00
5) Chlorobenzene-d5	8.89	117	7820	0.50	ug/L	0.00
11) 1,4-Dichlorobenzene-d4	11.30	152	3567	0.50	ug/L	0.00

System Monitoring Compounds

2) Vinyl Chloride-d3	1.32	65	4724	0.50	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	100.00%
4) 1,2-Dichloroethane-d4	5.07	65	3626	0.51	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	102.00%
7) 1,2-Dichloropropane-d6	6.12	67	3927	0.52	ug/L	0.00
Spiked Amount	0.500	Range	60 - 140	Recovery	=	104.00%
8) Toluene-d8	7.35	98	9621	0.49	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	98.00%
10) 1,1,2,2-Tetrachloroethane-	10.25	84	2257	0.48	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	96.00%

Target Compounds

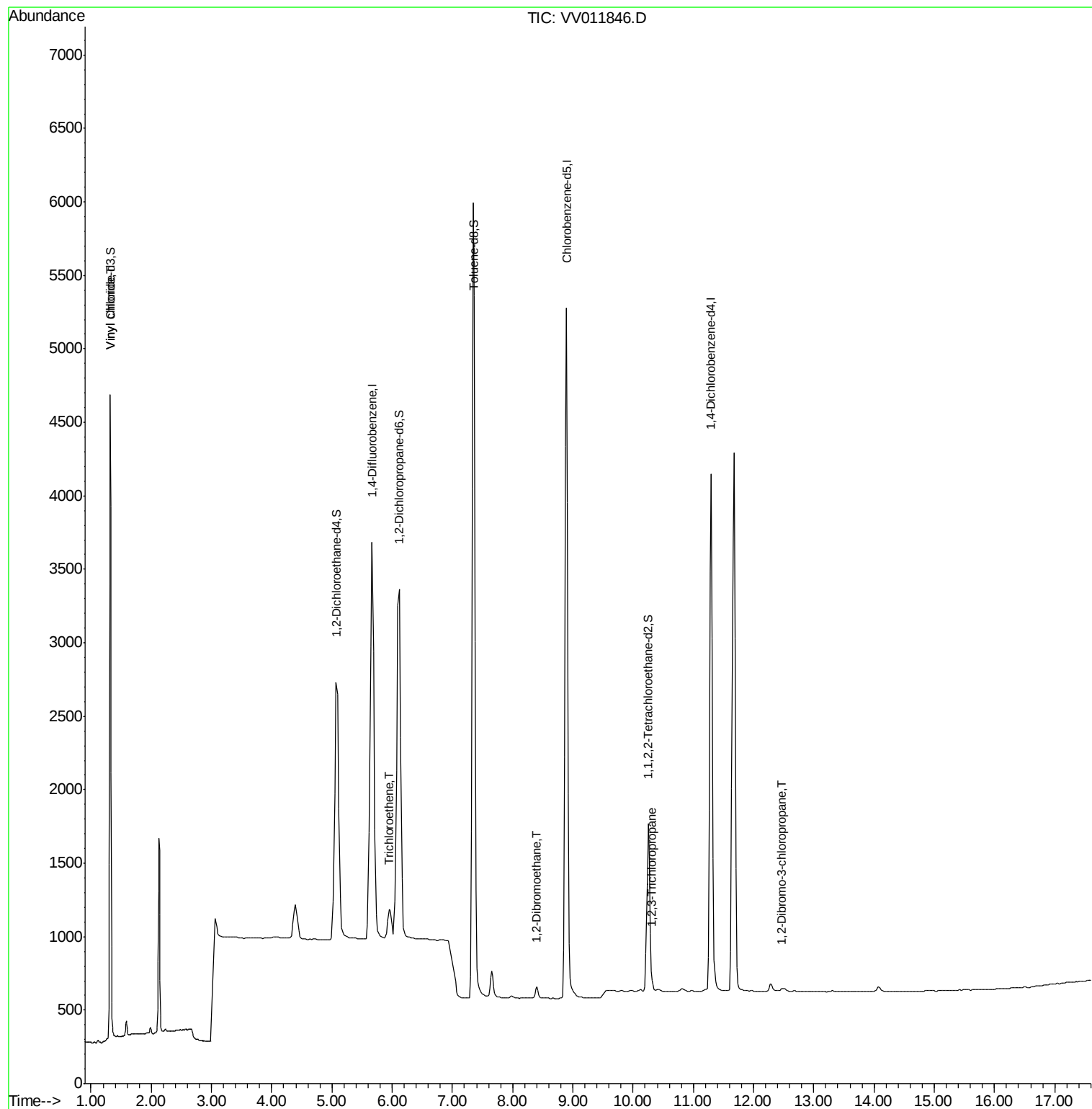
					Qvalue
3) Vinyl chloride	1.32	62	353	0.039	ug/L # 36
6) Trichloroethene	5.95	95	251	0.035	ug/L 90
9) 1,2-Dibromoethane	8.40	107	132	0.034	ug/L # 86
12) 1,2,3-Trichloropropane	10.30	75	132	0.034	ug/L # 78
13) 1,2-Dibromo-3-chloropropan	12.46	75	26	0.036	ug/L # 86

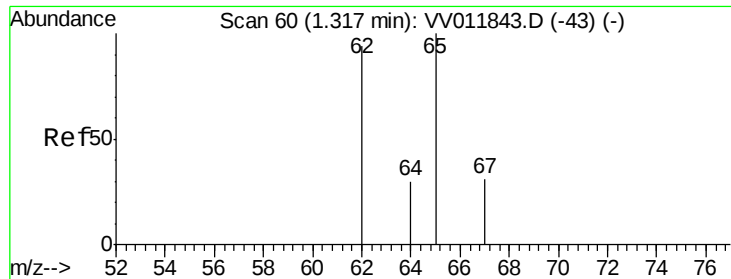
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Vinyl chloride

Concen: 0.039 ug/L

RT: 1.32 min Scan# 60

Delta R.T. 0.00 min

Lab File: VV011846.D

Acq: 09 Jul 2019 12:50

Instrument :

MSVOA_V

ClientSampled :

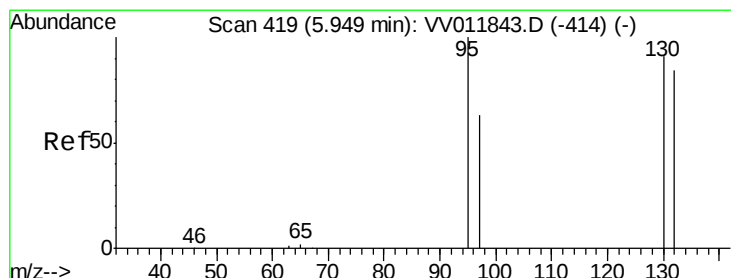
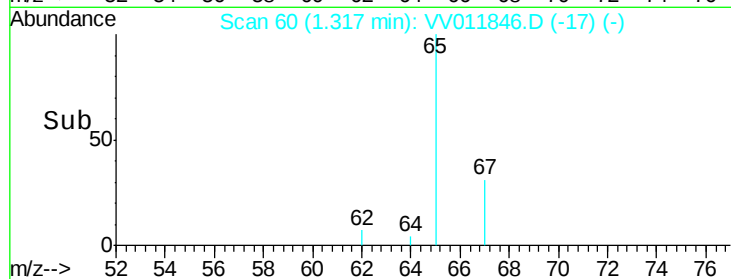
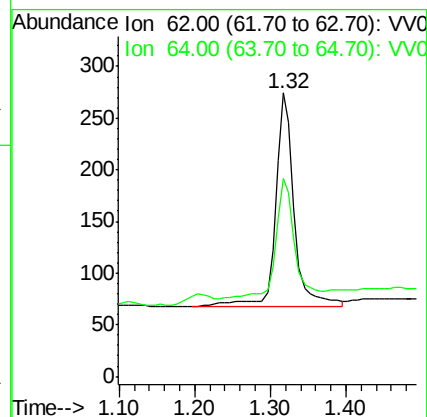
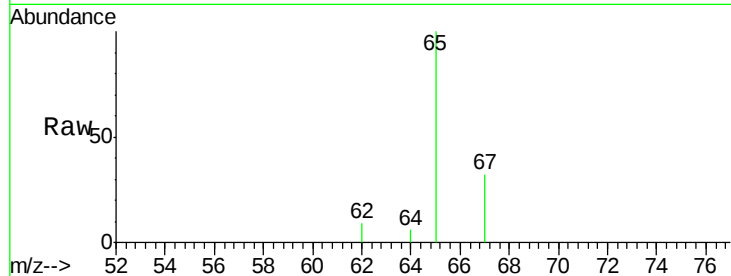
MDL02

Tot Ion: 62 Resp: 353

Ion Ratio Lower Upper

62 100

64 69.7 23.2 43.2#



#6

Trichloroethene

Concen: 0.035 ug/L

RT: 5.95 min Scan# 419

Delta R.T. 0.00 min

Lab File: VV011846.D

Acq: 09 Jul 2019 12:50

Tgt Ion: 95 Resp: 251

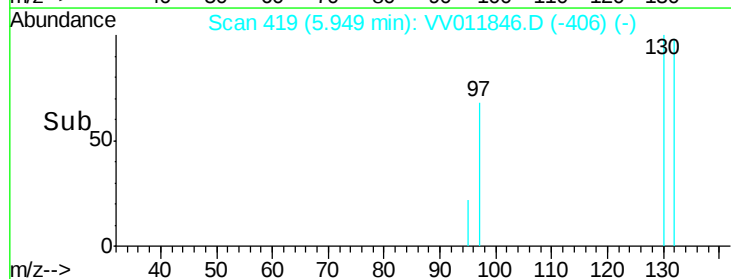
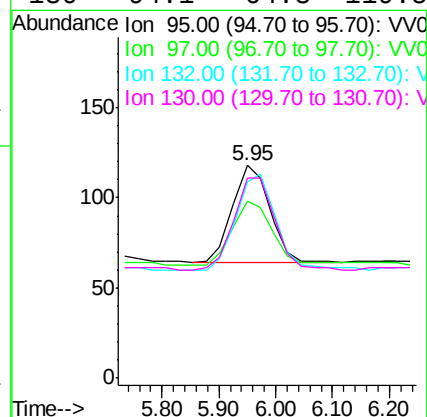
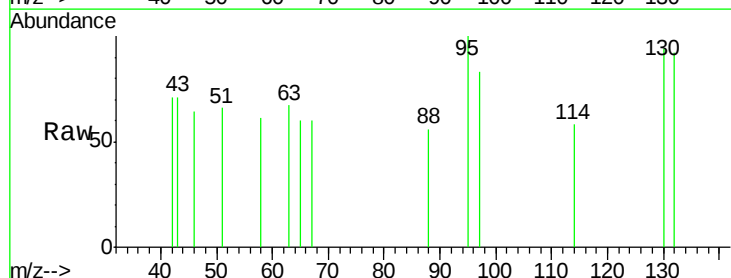
Ion Ratio Lower Upper

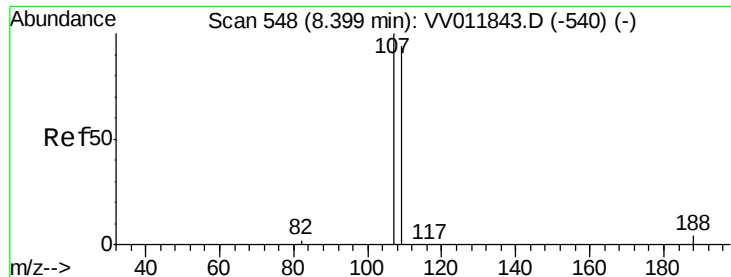
95 100

97 83.1 46.2 85.8

132 92.4 59.0 109.6

130 94.1 64.3 119.5





#9

1,2-Dibromoethane

Concen: 0.034 ug/L

RT: 8.40 min Scan# 548

Delta R.T. 0.00 min

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Acq: 09 Jul 2019 12:50

Instrument :

MSVOA_V

ClientSampled :

MDL02

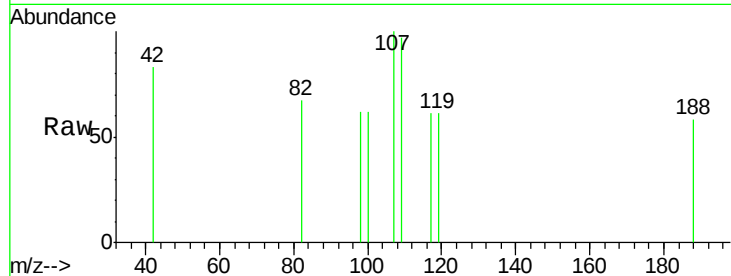
Tot Ion:107 Resp: 132

Ion Ratio Lower Upper

107 100

109 97.0 67.7 125.7

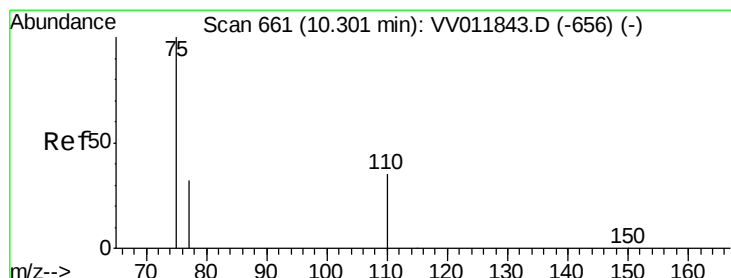
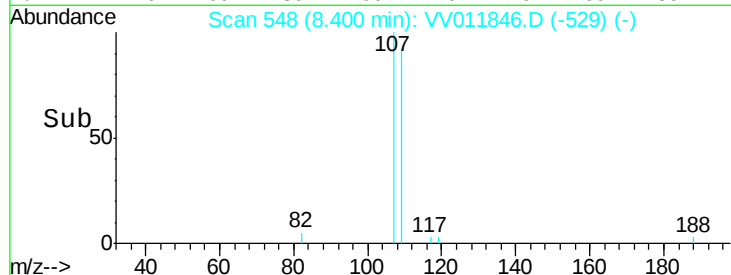
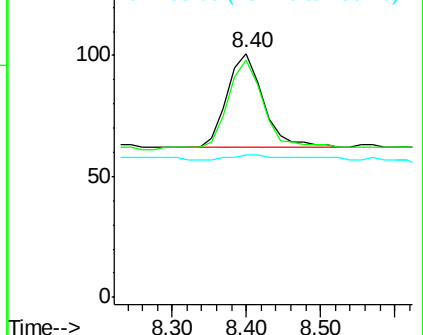
188 58.4 9.8 14.8#



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: 0.034 ug/L

RT: 10.30 min Scan# 661

Delta R.T. 0.00 min

Lab File: VV011846.D

Acq: 09 Jul 2019 12:50

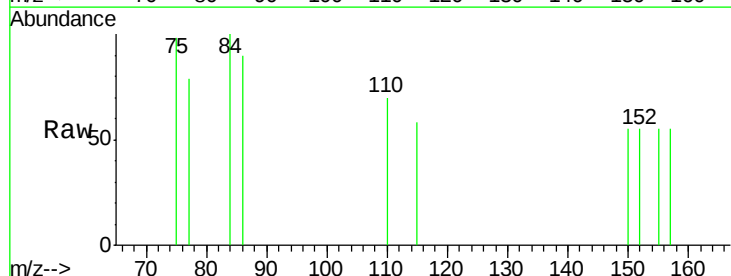
Tgt Ion: 75 Resp: 132

Ion Ratio Lower Upper

75 100

110 43.2 32.2 48.4

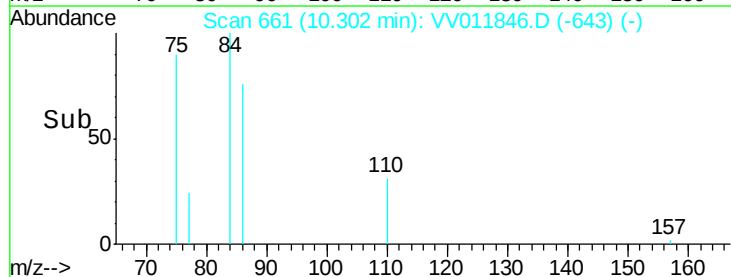
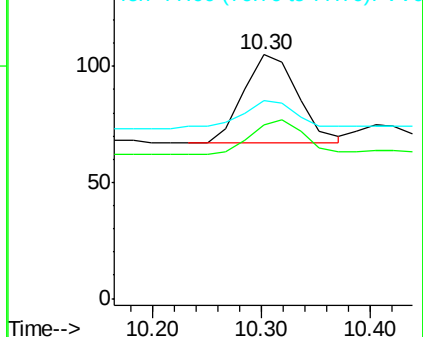
77 56.1 25.3 37.9#

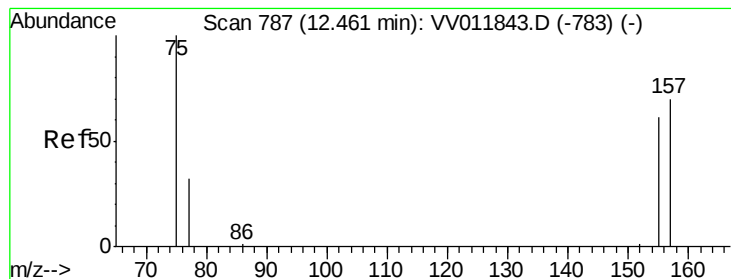


Abundance Ion 75.00 (74.70 to 75.70): VV0

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: 0.036 ug/L

RT: 12.46 min Scan# 787

Delta R.T. 0.00 min

Lab File: VV011846.D

Acq: 09 Jul 2019 12:50

Instrument :

MSVOA_V

ClientSampleId :

MDL02

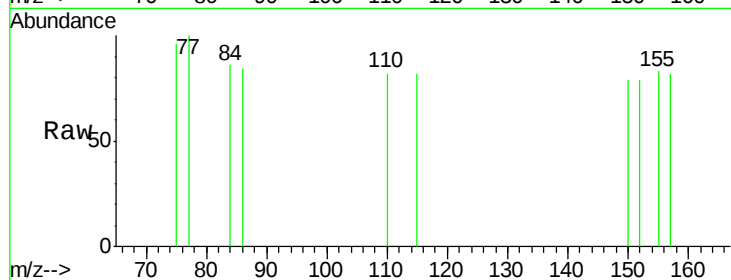
Tot Ion: 75 Resp: 26

Ion Ratio Lower Upper

75 100

157 84.9 62.2 93.4

155 86.3 55.6 83.4#



Abundance Ion 75.00 (74.70 to 75.70): VV011846.D (-769) (-)

Ion 157.00 (156.70 to 157.70): VV011846.D (-769) (-)

Ion 155.00 (154.70 to 155.70): VV011846.D (-769) (-)

