

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062719\
 Data File : VV011766.D
 Acq On : 26 Jun 2019 18:07
 Operator : SY/MD
 Sample : MDL01
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL01

Quant Time: Jun 27 05:11:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062719SIM.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 27 04:08:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	8218	0.50	ug/L	0.00
5) Chlorobenzene-d5	8.90	117	7315	0.50	ug/L	0.00
10) 1,4-Dichlorobenzene-d4	11.30	152	3120	0.50	ug/L	0.00

System Monitoring Compounds						
2) Vinyl Chloride-d3	1.32	65	4015	0.47	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	94.00%
4) 1,2-Dichloroethane-d4	5.08	65	3477	0.51	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	102.00%
7) Toluene-d8	7.35	98	8812	0.49	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	98.00%
9) 1,1,2,2-Tetrachloroethane-	10.25	84	2495	0.51	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	102.00%
11) 1-2-dichlorobenzene-d4	11.68	152	3124	0.47	ug/L	0.00
Spiked Amount	0.500	Range	80 - 120	Recovery	=	94.00%

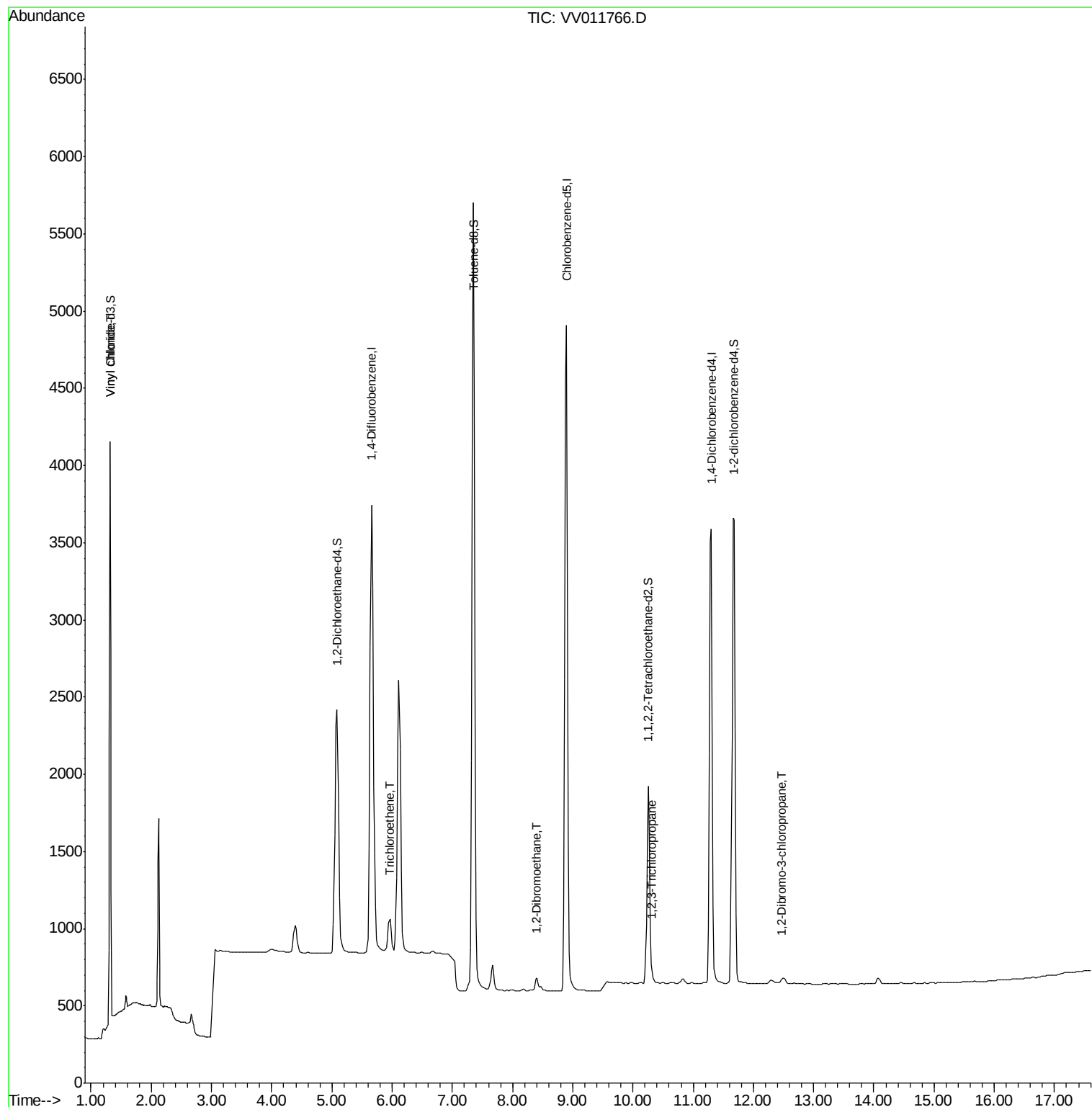
Target Compounds						Qvalue
3) Vinyl chloride	1.32	62	302	0.036	ug/L #	11
6) Trichloroethene	5.97	95	250	0.038	ug/L	84
8) 1,2-Dibromoethane	8.40	107	145	0.039	ug/L #	81
12) 1,2,3-Trichloropropane	10.31	75	150	0.038	ug/L	92
13) 1,2-Dibromo-3-chloropropan	12.46	75	31	0.046	ug/L	94

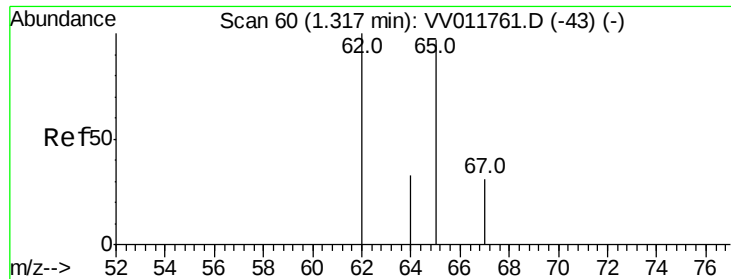
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Vinyl chloride

Concen: 0.036 ug/L

RT: 1.32 min Scan# 60

Delta R.T. -0.00 min

Lab File: VV011766.D

Acq: 26 Jun 2019 18:07

Instrument :

MSVOA_V

ClientSampled :

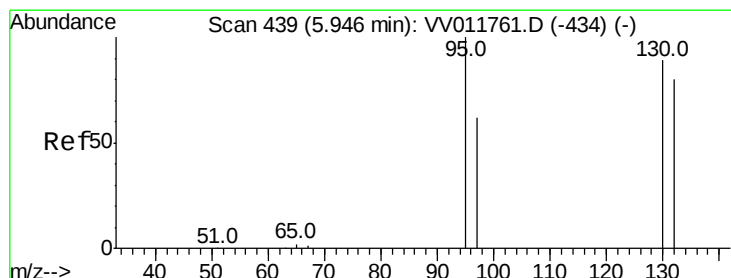
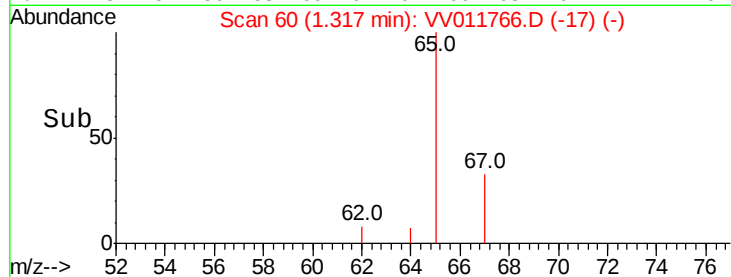
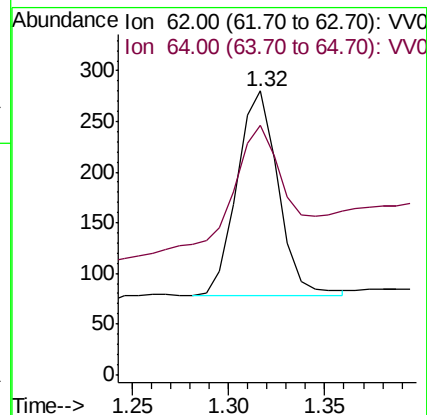
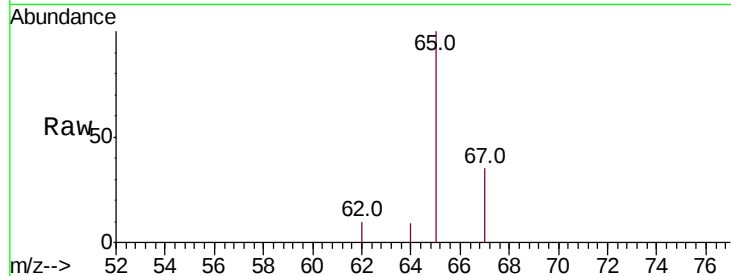
MDL01

Tot Ion: 62 Resp: 302

Ion Ratio Lower Upper

62 100

64 87.9 24.9 46.3#



#6

Trichloroethene

Concen: 0.038 ug/L

RT: 5.97 min Scan# 440

Delta R.T. 0.02 min

Lab File: VV011766.D

Acq: 26 Jun 2019 18:07

Tgt Ion: 95 Resp: 250

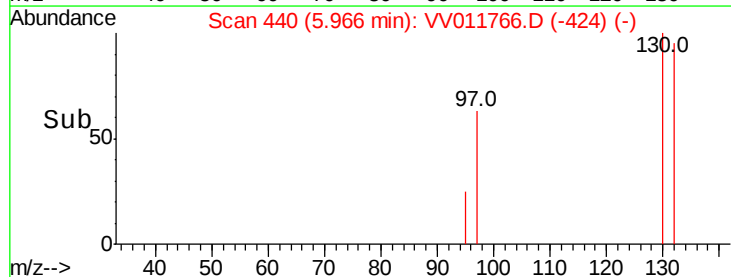
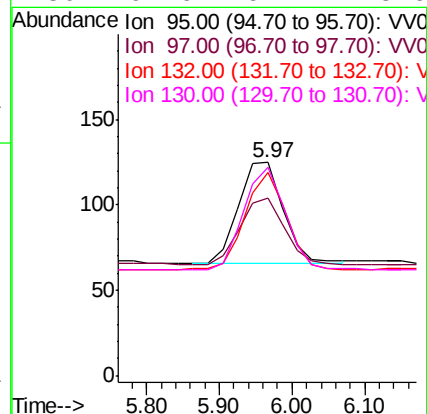
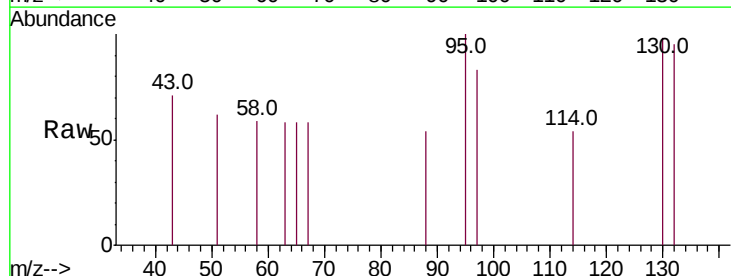
Ion Ratio Lower Upper

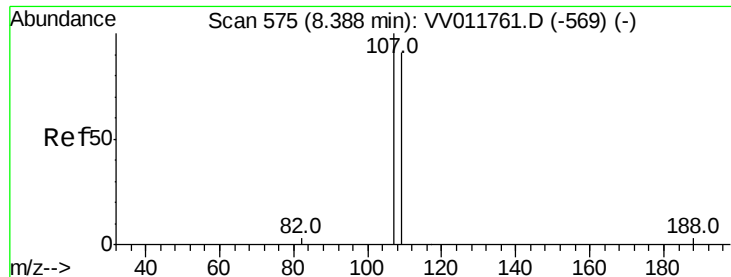
95 100

97 83.2 45.1 83.7

132 95.2 56.6 105.2

130 97.6 62.2 115.6





#8

1,2-Dibromoethane

Concen: 0.039 ug/L

RT: 8.40 min Scan# 576

Delta R.T. 0.02 min

Lab File: VV011766.D

Acq: 26 Jun 2019 18:07

Instrument :

MSVOA_V

ClientSampled :

MDL01

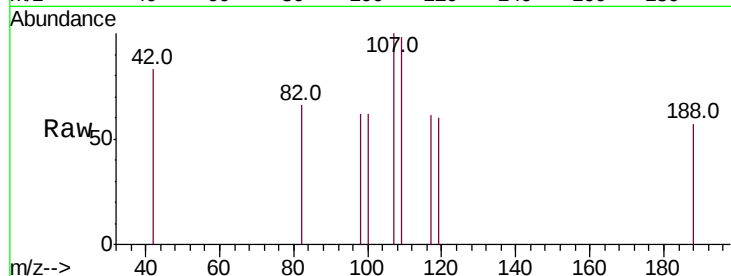
Tot Ion:107 Resp: 145

Ion Ratio Lower Upper

107 100

109 98.1 64.3 119.5

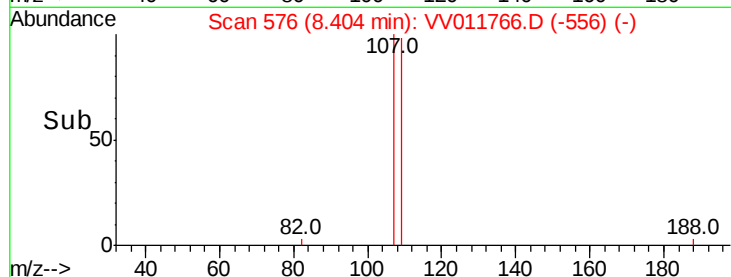
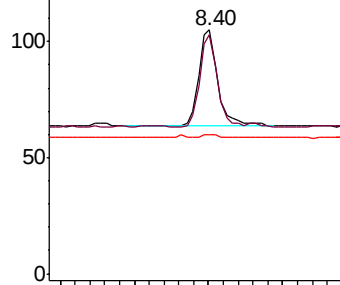
188 57.1 9.7 14.5#



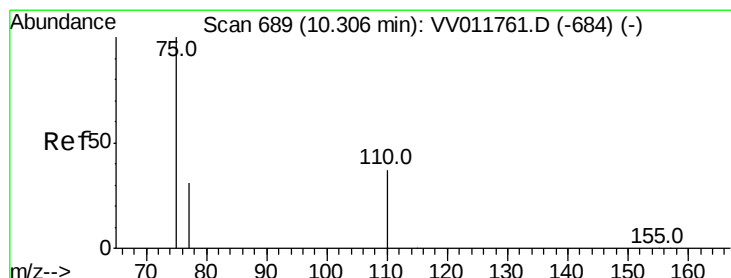
Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

Ion 188.00 (187.70 to 188.70): V



Time--> 8.00 8.20 8.40 8.60



#12

1,2,3-Trichloropropane

Concen: 0.038 ug/L

RT: 10.31 min Scan# 689

Delta R.T. -0.00 min

Lab File: VV011766.D

Acq: 26 Jun 2019 18:07

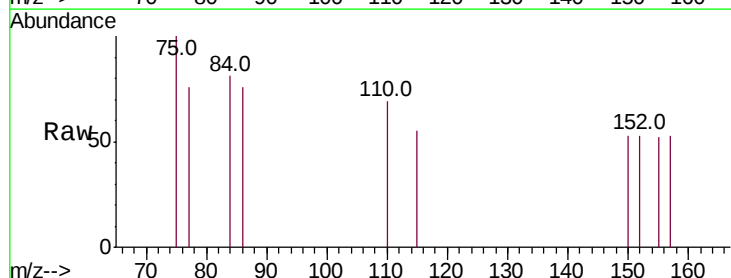
Tgt Ion: 75 Resp: 150

Ion Ratio Lower Upper

75 100

110 44.7 33.0 49.4

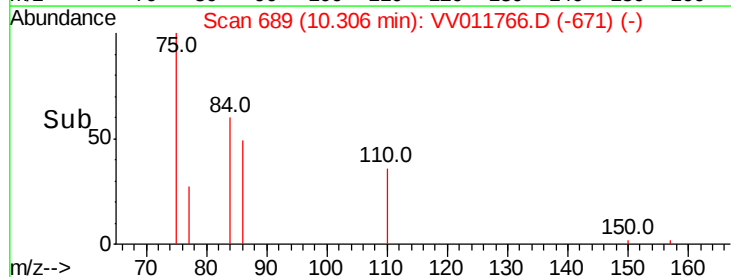
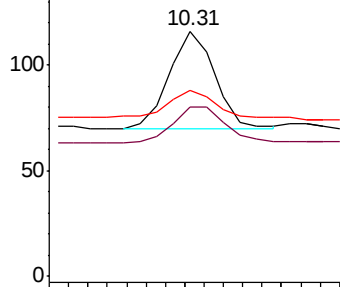
77 37.3 25.3 37.9



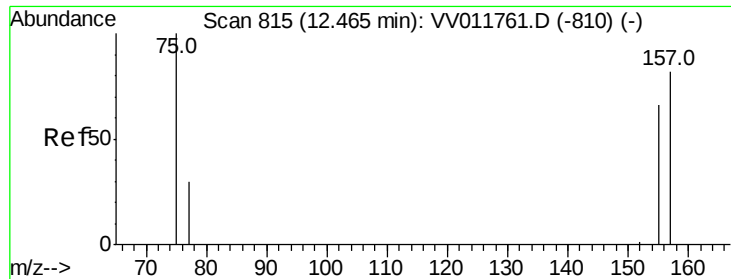
Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 110.00 (109.70 to 110.70): V

Ion 77.00 (76.70 to 77.70): VV0



Time--> 10.20 10.30 10.40



#13

1,2-Dibromo-3-chloropropane

Concen: 0.046 ug/L

RT: 12.46 min Scan# 815

Delta R.T. -0.00 min

Lab File: VV011766.D

Acq: 26 Jun 2019 18:07

Instrument :

MSVOA_V

ClientSampleId :

MDL01

Tot Ion: 75 Resp: 31

Ion Ratio Lower Upper

75 100

157 84.6 66.9 100.3

155 84.6 59.4 89.2

