

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112020\
 Data File : VV019412.D
 Acq On : 20 Nov 2020 10:41
 Operator : SY/MD
 Sample : L4485-13
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-06

Quant Time: Nov 20 23:17:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMV111820SIM.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 20 23:16:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	4679	0.50	ug/L	0.00
5) Chlorobenzene-d5	8.88	117	4351	0.50	ug/L	0.00
11) 1,4-Dichlorobenzene-d4	11.28	152	2271	0.50	ug/L	0.00

System Monitoring Compounds

2) Vinyl Chloride-d3	1.32	65	3485	0.52	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	104.00%
4) 1,2-Dichloroethane-d4	5.07	65	2105	0.54	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	108.00%
7) 1,2-Dichloropropane-d6	6.09	67	2043	0.56	ug/L	0.00
Spiked Amount	0.500	Range	60 - 140	Recovery	=	112.00%
8) Toluene-d8	7.33	98	5291	0.51	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	102.00%
10) 1,1,2,2-Tetrachloroethane-	10.23	84	1059	0.54	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	108.00%

Target Compounds

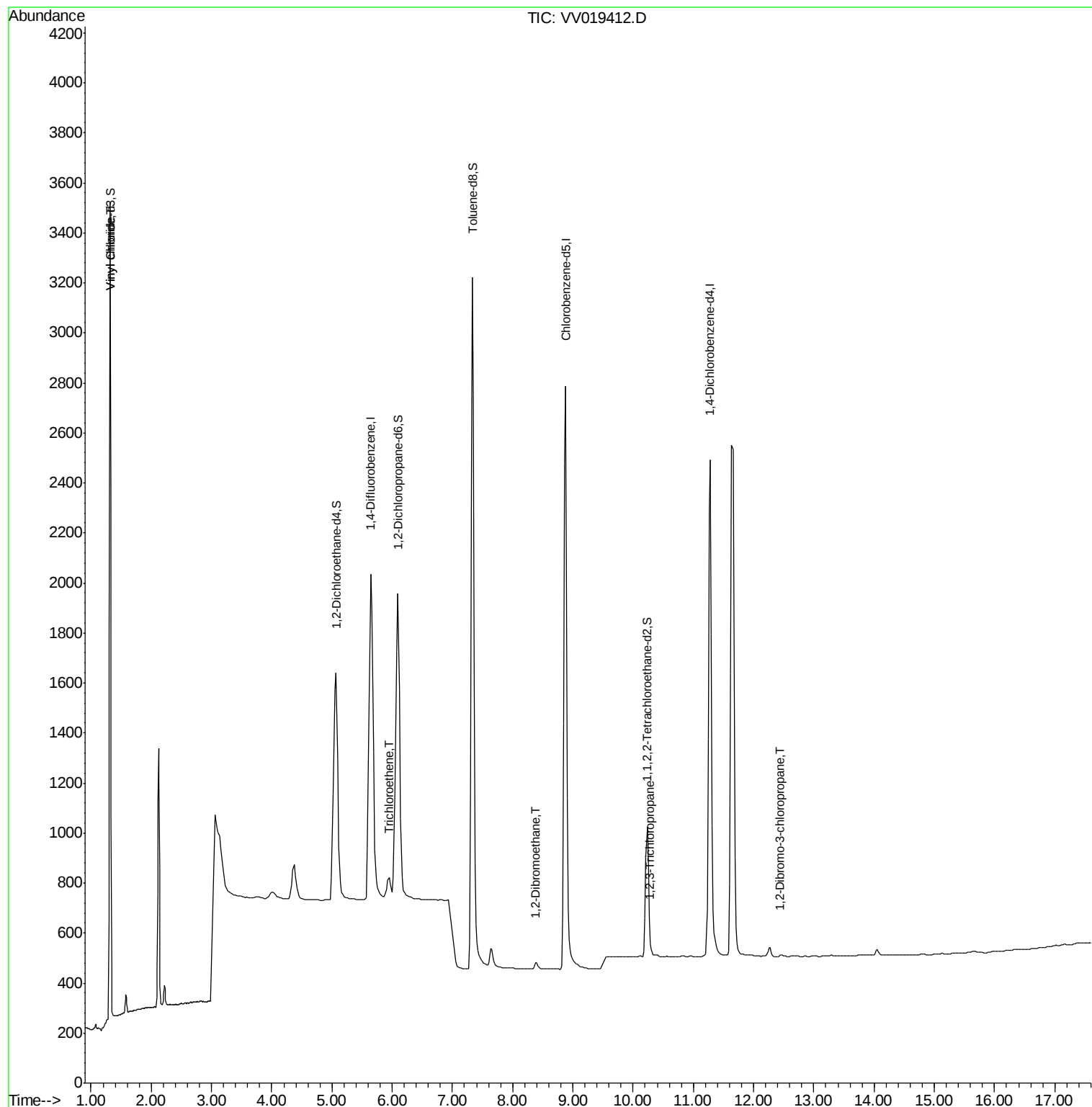
					Qvalue
3) Vinyl chloride	1.32	62	237	0.039	ug/L # 20
6) Trichloroethene	5.95	95	94	0.026	ug/L # 84
9) 1,2-Dibromoethane	8.38	107	44	0.021	ug/L # 79
12) 1,2,3-Trichloropropane	10.28	75	35	0.021	ug/L # 90
13) 1,2-Dibromo-3-chloropropan	12.44	75	7	0.026	ug/L 96

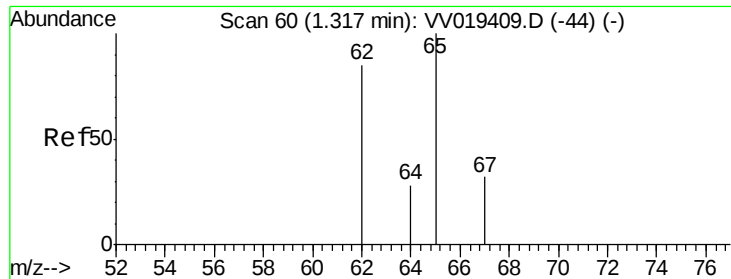
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Vinyl chloride

Concen: 0.039 ug/L

RT: 1.32 min Scan# 60

Delta R.T. 0.00 min

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ClientSampleId :

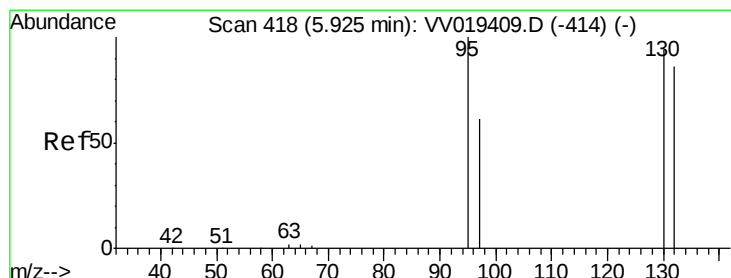
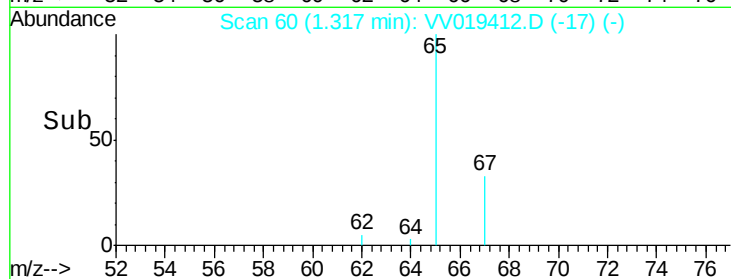
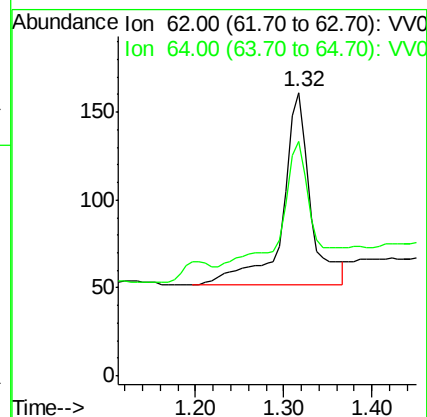
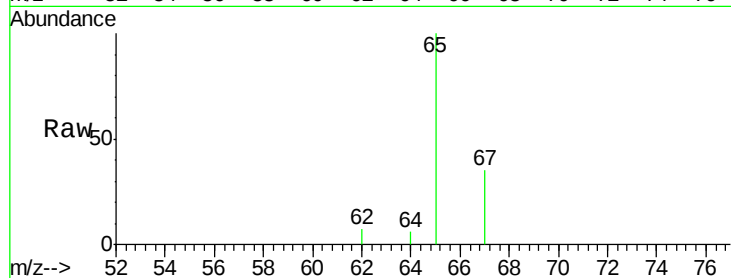
MDL-WATER-06

Tot Ion: 62 Resp: 237

Ion Ratio Lower Upper

62 100

64 82.6 25.1 46.7#



#6

Trichloroethene

Concen: 0.026 ug/L

RT: 5.95 min Scan# 419

Delta R.T. 0.02 min

Lab File: VV019412.D

Acq: 20 Nov 2020 10:41

Tgt Ion: 95 Resp: 94

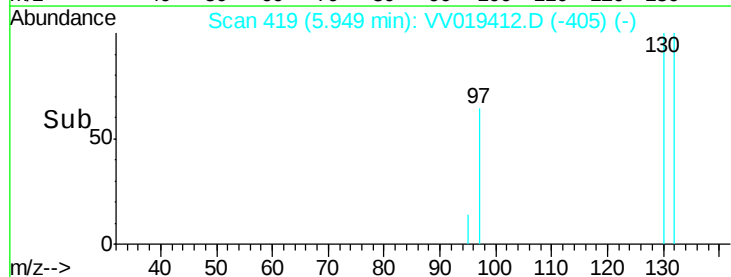
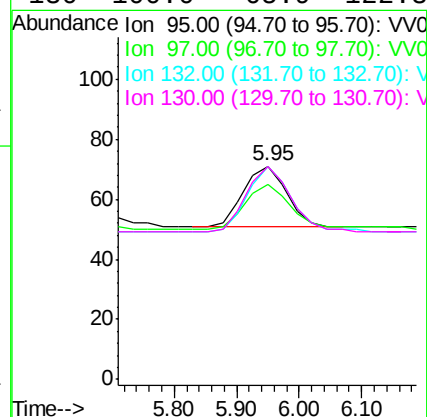
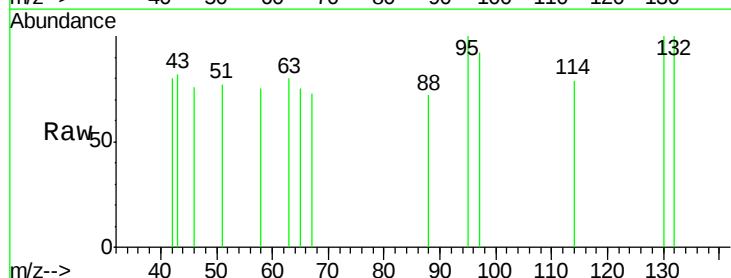
Ion Ratio Lower Upper

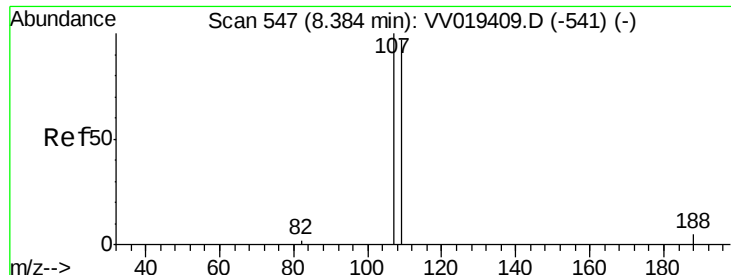
95 100

97 91.5 45.6 84.6#

132 100.0 61.0 113.2

130 100.0 65.9 122.3





#9

1,2-Dibromoethane

Concen: 0.021 ug/L

RT: 8.38 min Scan# 547

Delta R.T. 0.00 min

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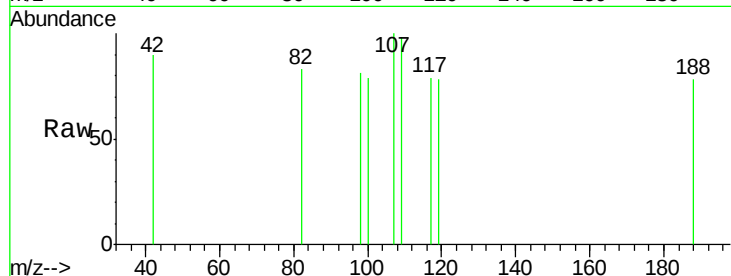
Tot Ion:107 Resp: 44

Ion Ratio Lower Upper

107 100

109 98.4 68.5 127.1

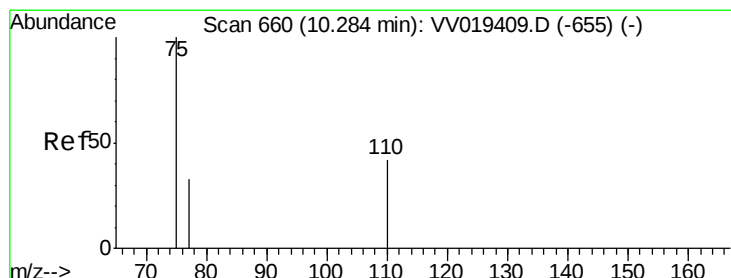
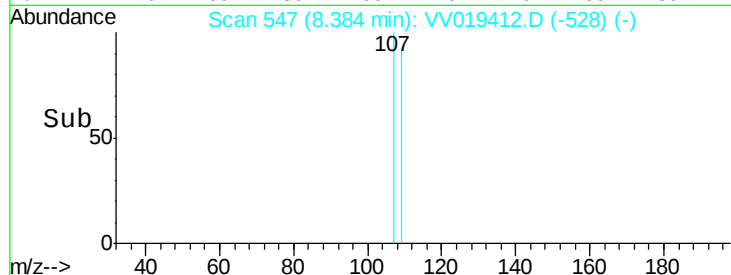
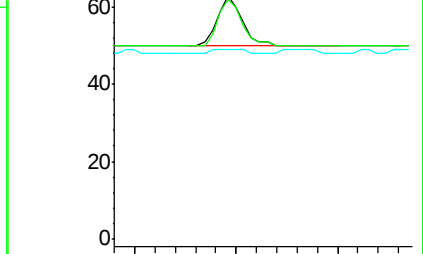
188 77.8 13.9 20.9#



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: 0.021 ug/L

RT: 10.28 min Scan# 660

Delta R.T. 0.00 min

Lab File: VV019412.D

Acq: 20 Nov 2020 10:41

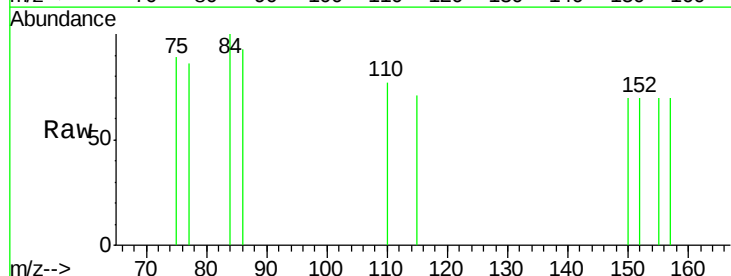
Tgt Ion: 75 Resp: 35

Ion Ratio Lower Upper

75 100

110 40.0 34.5 51.7

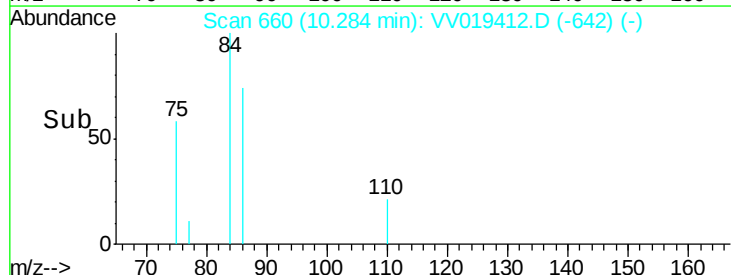
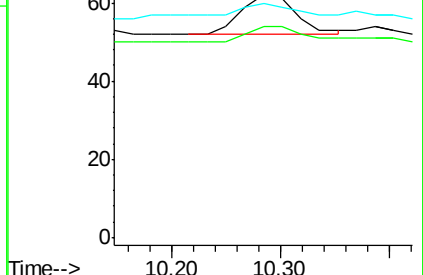
77 22.9 25.7 38.5#

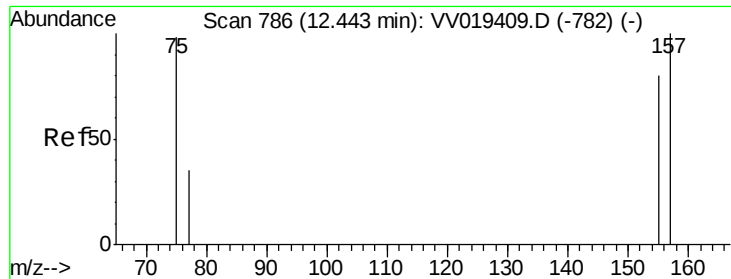


Abundance Ion 75.00 (74.70 to 75.70): VV0

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: 0.026 ug/L

RT: 12.44 min Scan# 786

Delta R.T. 0.00 min

Lab File: VV019412.D

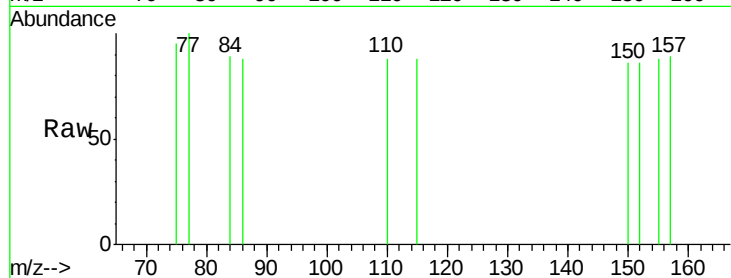
Acq: 20 Nov 2020 10:41

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-06



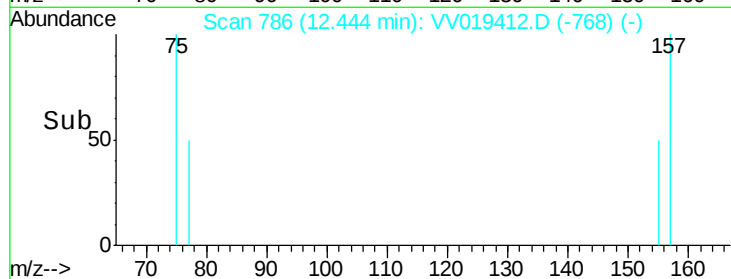
Tot Ion: 75 Resp: 7

Ion Ratio Lower Upper

75 100

157 94.4 79.2 118.8

155 92.6 71.0 106.6



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

Time-->

12.30 12.40 12.50 12.60

60 12.44

40

20

0