

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111220\
 Data File : VU041217.D
 Acq On : 12 Nov 2020 14:45
 Operator : SY/MD
 Sample : L4485-09
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-02

Quant Time: Nov 13 04:27:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUSIM111220.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 13 04:26:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.23	114	5428	0.50	ug/L	0.00
5) Chlorobenzene-d5	9.36	117	5236	0.50	ug/L	0.01
11) 1,4-Dichlorobenzene-d4	11.74	152	2731	0.50	ug/L	0.00

System Monitoring Compounds

2) Vinyl Chloride-d3	1.61	65	4623	0.56	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	112.00%
4) 1,2-Dichloroethane-d4	5.68	65	3905	0.47	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	94.00%
7) 1,2-Dichloropropane-d6	6.66	67	3373	0.52	ug/L	0.00
Spiked Amount	0.500	Range	60 - 140	Recovery	=	104.00%
8) Toluene-d8	7.85	98	5105	0.49	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	98.00%
10) 1,1,2,2-Tetrachloroethane-	10.68	84	3234	0.51	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	102.00%

Target Compounds

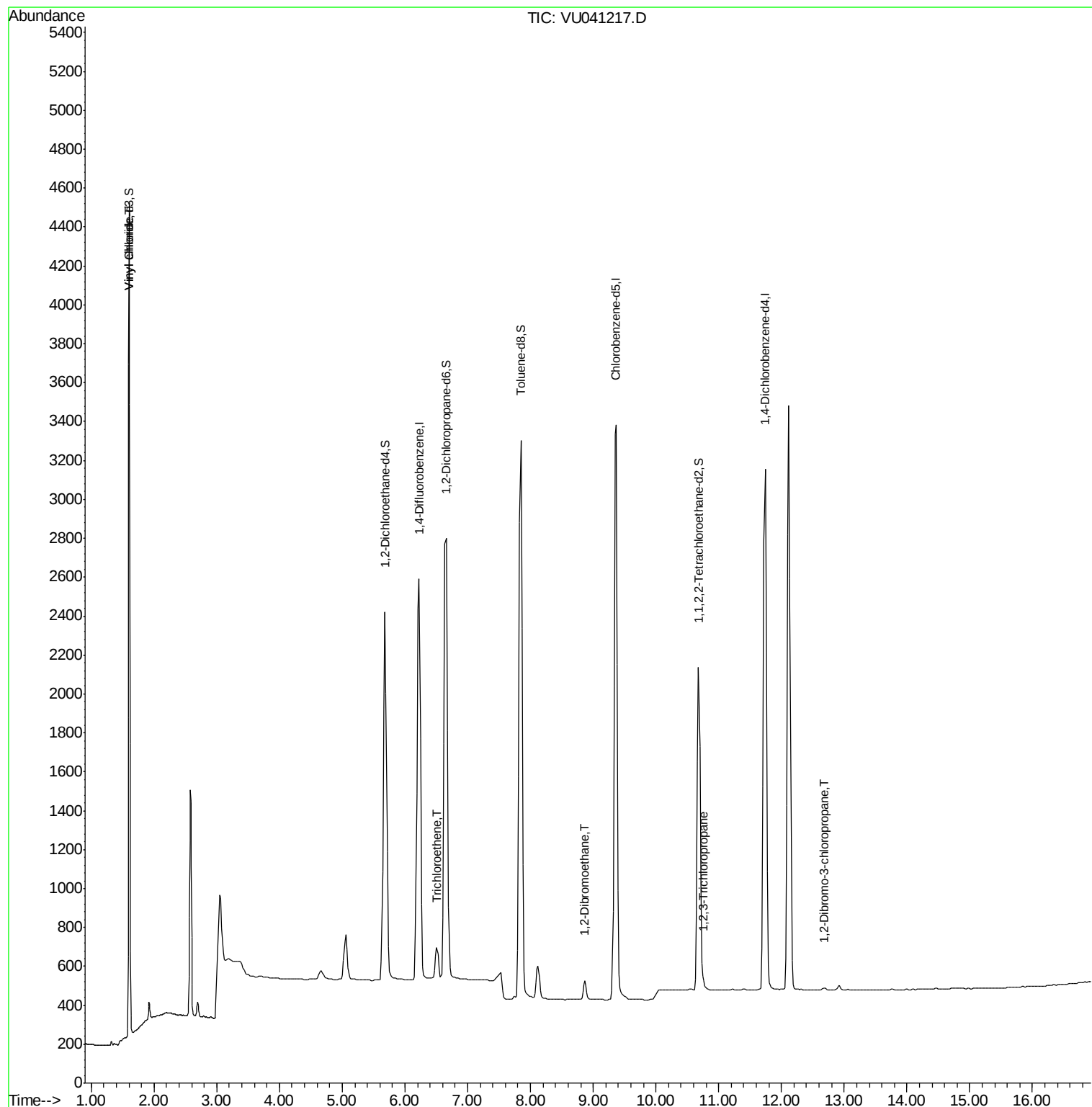
					Qvalue
3) Vinyl chloride	1.61	62	274	0.035	ug/L # 19
6) Trichloroethene	6.51	95	159	0.029	ug/L 93
9) 1,2-Dibromoethane	8.87	107	110	0.027	ug/L # 87
12) 1,2,3-Trichloropropane	10.75	75	108	0.026	ug/L # 84
13) 1,2-Dibromo-3-chloropropan	12.68	75	24	0.027	ug/L 92

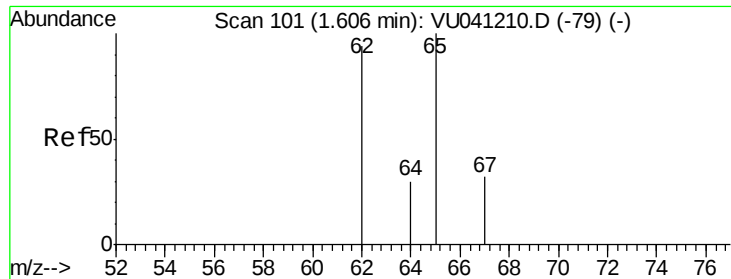
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Vinyl chloride

Concen: 0.035 ug/L

RT: 1.61 min Scan# 101

Delta R.T. -0.00 min

Lab File: VU041217.D

Acq: 12 Nov 2020 14:45

Instrument :

MSVOA_U

ClientSampled :

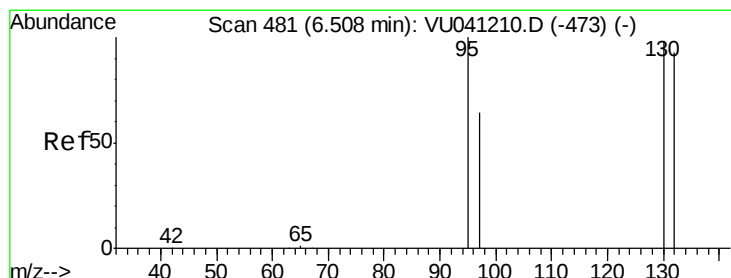
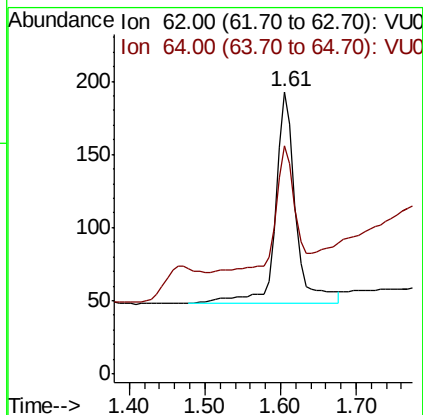
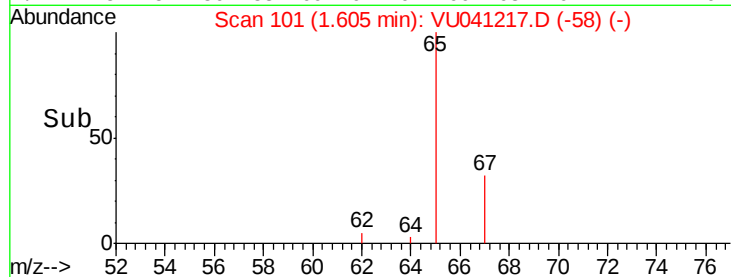
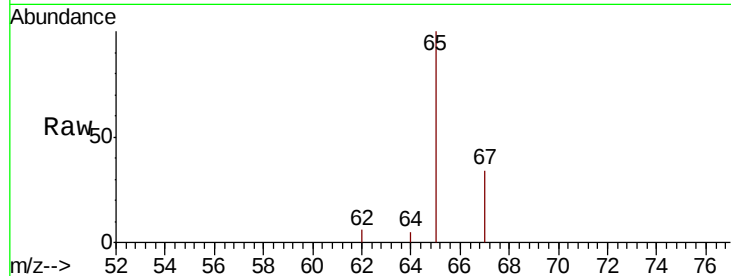
MDL-WATER-02

Tot Ion: 62 Resp: 274

Ion Ratio Lower Upper

62 100

64 80.8 23.9 44.3#



#6

Trichloroethene

Concen: 0.029 ug/L

RT: 6.51 min Scan# 481

Delta R.T. -0.00 min

Lab File: VU041217.D

Acq: 12 Nov 2020 14:45

Tgt Ion: 95 Resp: 159

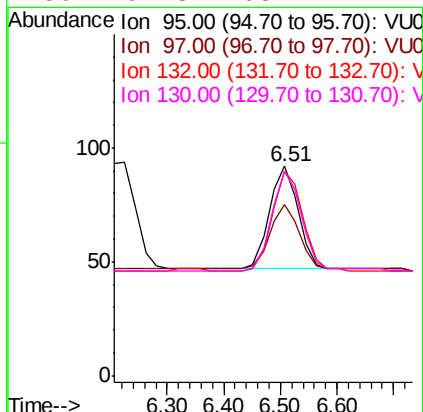
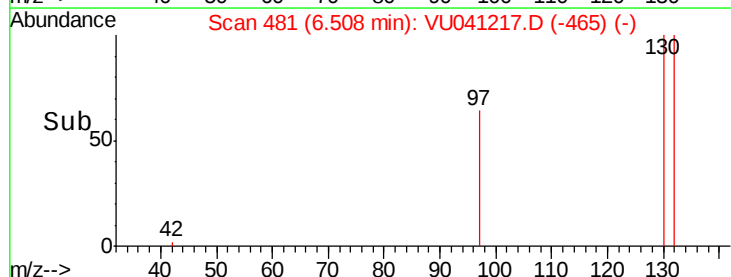
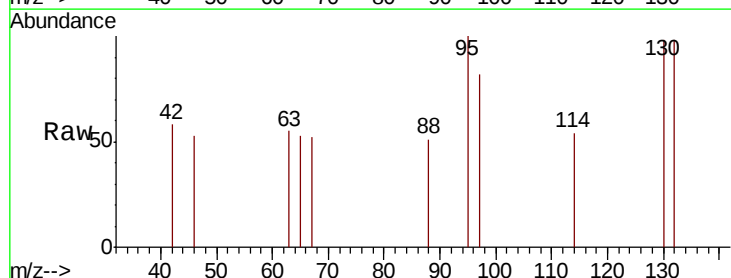
Ion Ratio Lower Upper

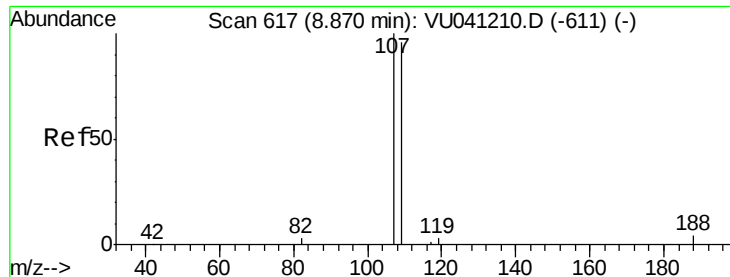
95 100

97 81.5 46.0 85.4

132 97.8 65.3 121.3

130 97.8 68.7 127.7





#9

1,2-Dibromoethane

Concen: 0.027 ug/L

RT: 8.87 min Scan# 617

Delta R.T. -0.00 min

Lab File: VU041217.D

Acq: 12 Nov 2020 14:45

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-02

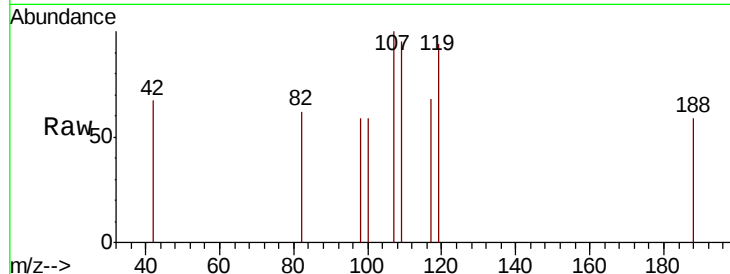
Tot Ion:107 Resp: 110

Ion Ratio Lower Upper

107 100

109 94.9 67.7 125.7

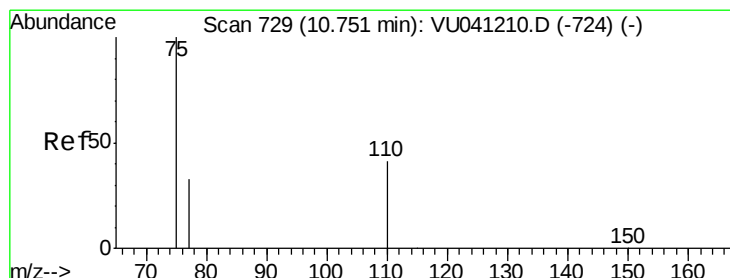
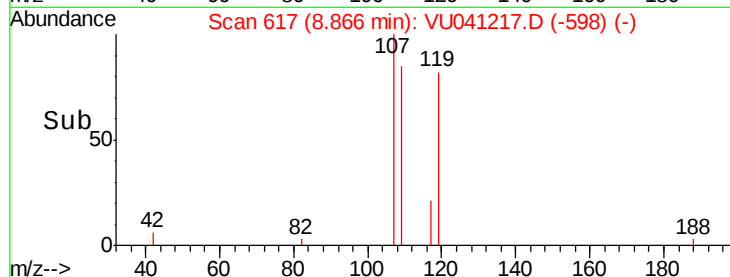
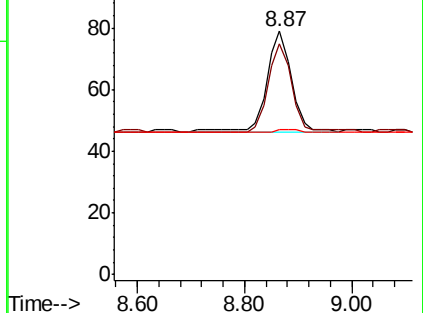
188 59.5 7.0 10.6#



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: 0.026 ug/L

RT: 10.75 min Scan# 729

Delta R.T. -0.00 min

Lab File: VU041217.D

Acq: 12 Nov 2020 14:45

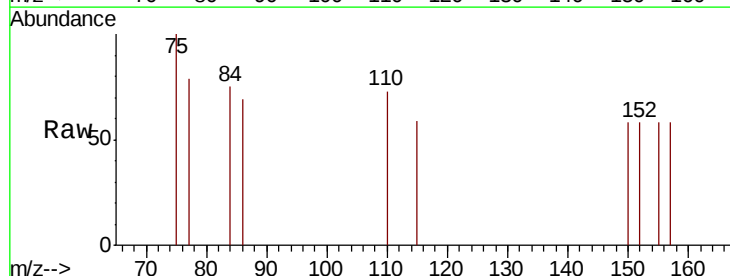
Tgt Ion: 75 Resp: 108

Ion Ratio Lower Upper

75 100

110 44.4 31.0 46.4

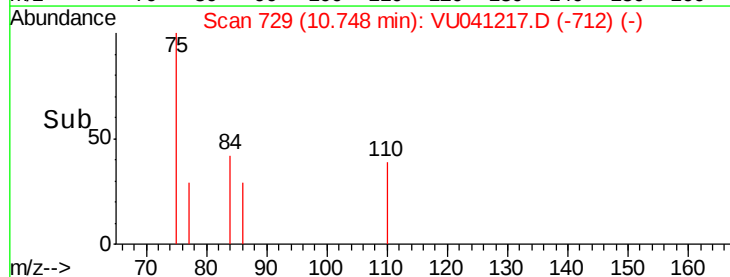
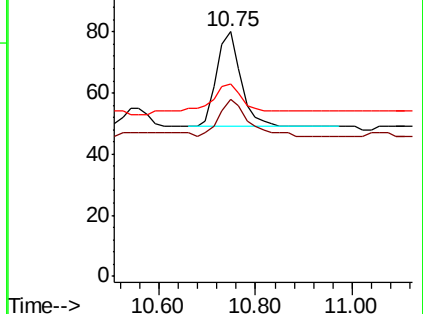
77 46.3 26.7 40.1#

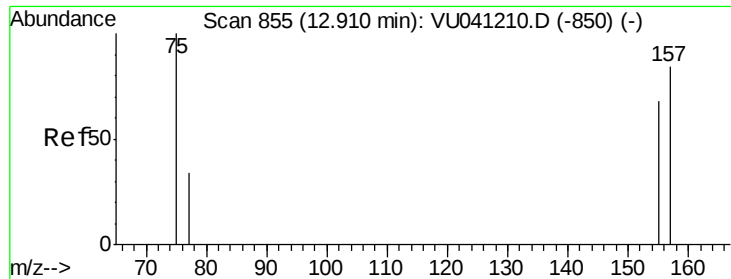


Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 110.00 (109.70 to 110.70): V

Ion 77.00 (76.70 to 77.70): VU0





#13

1,2-Dibromo-3-chloropropane

Concen: 0.027 ug/L

RT: 12.68 min Scan# 842

Delta R.T. -0.23 min

Lab File: VU041217.D

Acq: 12 Nov 2020 14:45

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-02

Tot Ion: 75 Resp: 24

Ion Ratio Lower Upper

75 100

157 80.7 68.7 103.1

155 82.5 58.9 88.3

