

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111320\
 Data File : VU041225.D
 Acq On : 13 Nov 2020 11:59
 Operator : SY/MD
 Sample : L4485-11
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-04

Quant Time: Nov 17 01:04:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUSIM111220.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 13 13:55:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.23	114	7005	0.50	ug/L	0.00
5) Chlorobenzene-d5	9.36	117	7369	0.50	ug/L	0.01
11) 1,4-Dichlorobenzene-d4	11.74	152	3624	0.50	ug/L	0.00

System Monitoring Compounds

2) Vinyl Chloride-d3	1.61	65	5835	0.55	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	110.00%
4) 1,2-Dichloroethane-d4	5.68	65	4880	0.46	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	92.00%
7) 1,2-Dichloropropane-d6	6.66	67	4438	0.49	ug/L	0.00
Spiked Amount	0.500	Range	60 - 140	Recovery	=	98.00%
8) Toluene-d8	7.85	98	7010	0.48	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	96.00%
10) 1,1,2,2-Tetrachloroethane-	10.68	84	4609	0.52	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	104.00%

Target Compounds

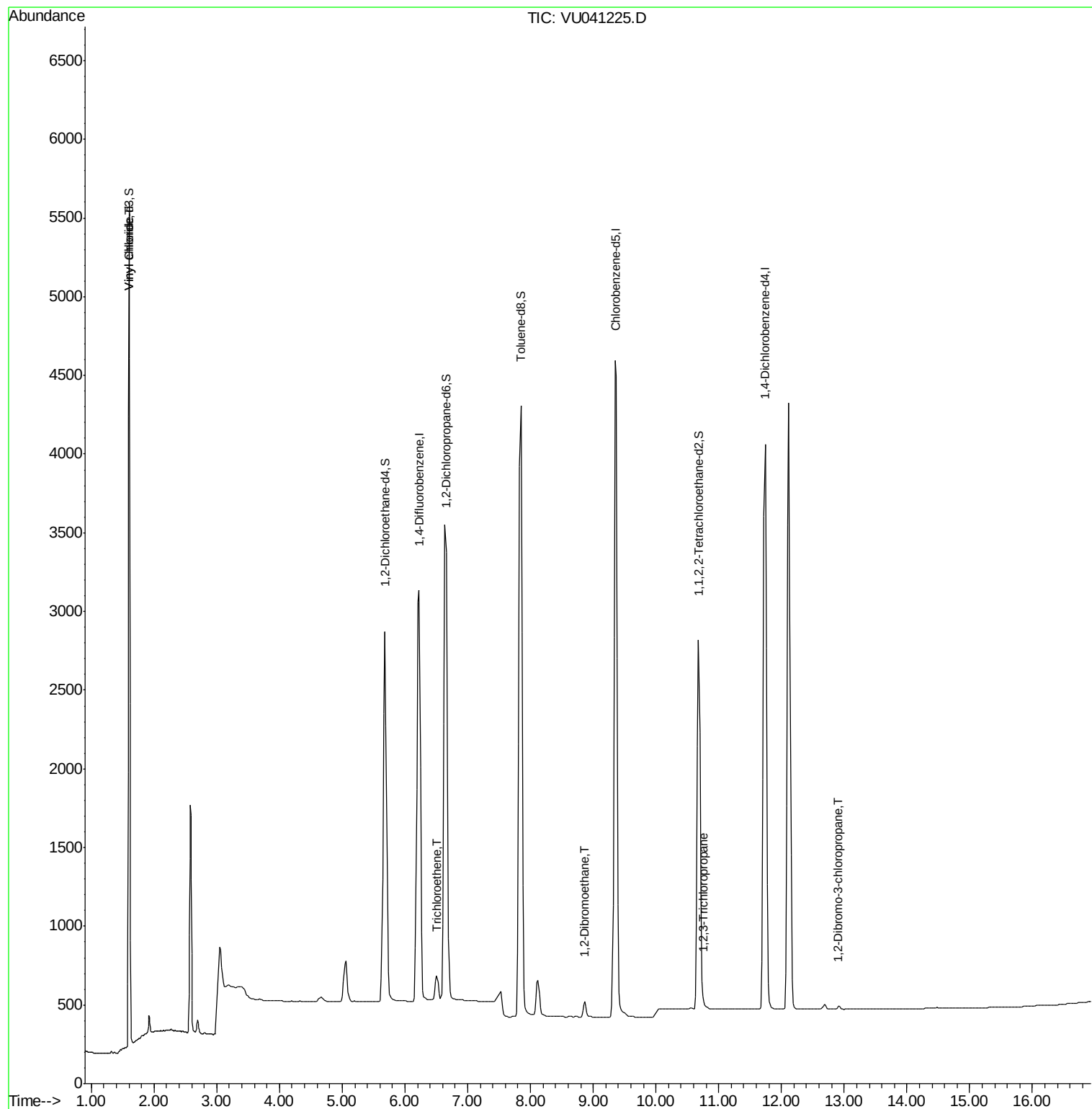
					Qvalue
3) Vinyl chloride	1.61	62	227	0.022 ug/L #	10
6) Trichloroethene	6.51	95	155	0.020 ug/L	92
9) 1,2-Dibromoethane	8.87	107	105	0.018 ug/L #	87
12) 1,2,3-Trichloropropane	10.75	75	111	0.020 ug/L	92
13) 1,2-Dibromo-3-chloropropan	12.91	75	27	0.023 ug/L #	88

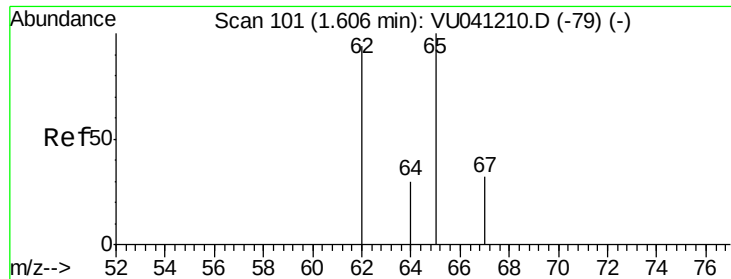
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Vinyl chloride

Concen: 0.022 ug/L

RT: 1.61 min Scan# 101

Delta R.T. -0.00 min

Lab File: VU041225.D

Acq: 13 Nov 2020 11:59

Instrument :

MSVOA_U

ClientSampled :

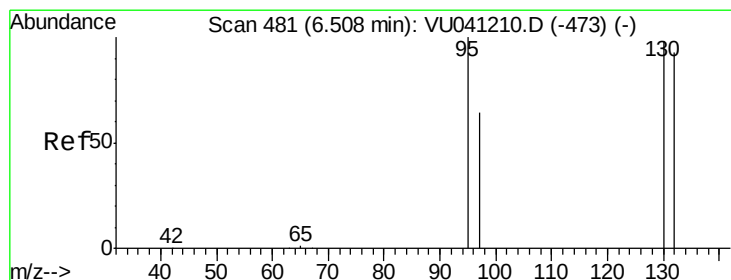
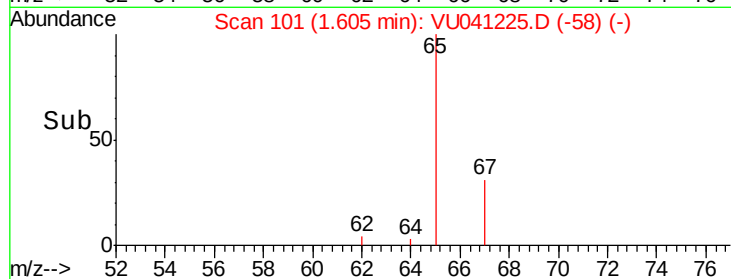
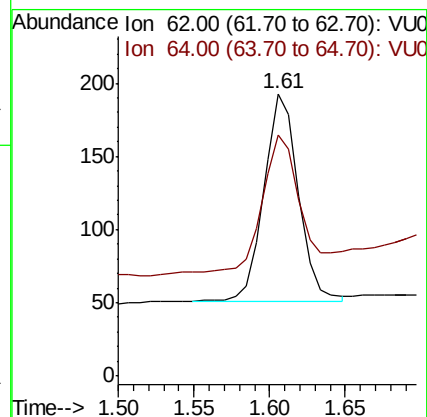
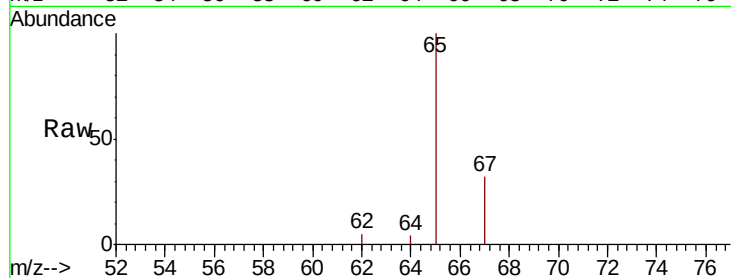
MDL-WATER-04

Tot Ion: 62 Resp: 227

Ion Ratio Lower Upper

62 100

64 85.5 23.9 44.3#



#6

Trichloroethene

Concen: 0.020 ug/L

RT: 6.51 min Scan# 481

Delta R.T. -0.00 min

Lab File: VU041225.D

Acq: 13 Nov 2020 11:59

Tgt Ion: 95 Resp: 155

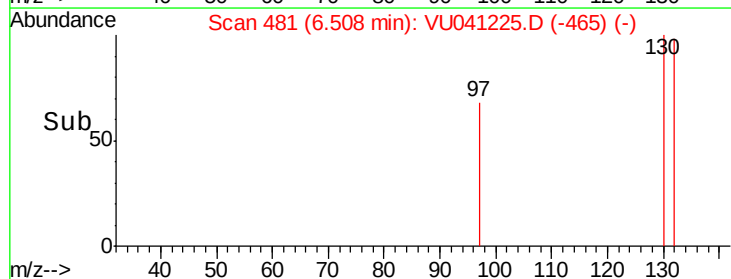
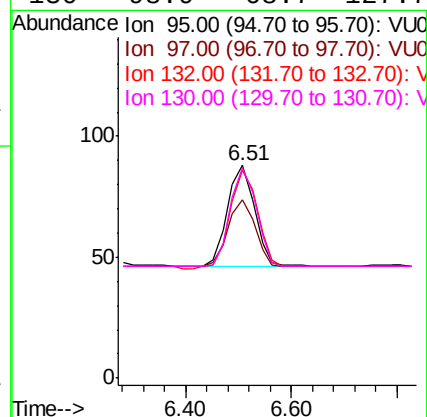
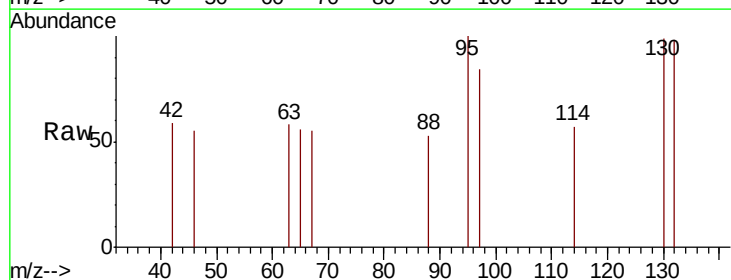
Ion Ratio Lower Upper

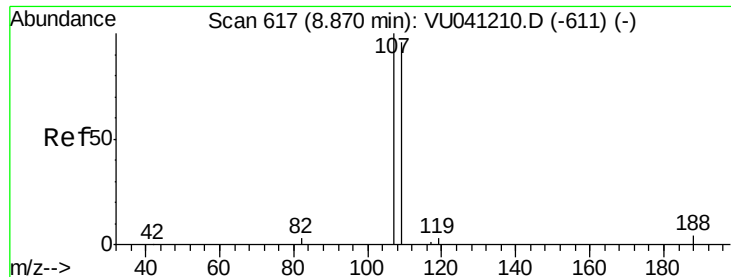
95 100

97 84.1 46.0 85.4

132 97.7 65.3 121.3

130 98.9 68.7 127.7





#9

1,2-Dibromoethane

Concen: 0.018 ug/L

RT: 8.87 min Scan# 617

Delta R.T. -0.00 min

Lab File: VU041225.D

Acq: 13 Nov 2020 11:59

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-04

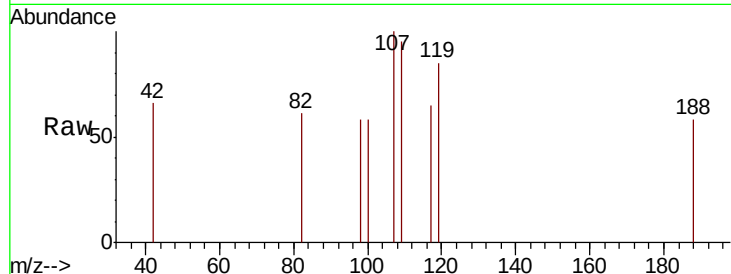
Tot Ion:107 Resp: 105

Ion Ratio Lower Upper

107 100

109 95.0 67.7 125.7

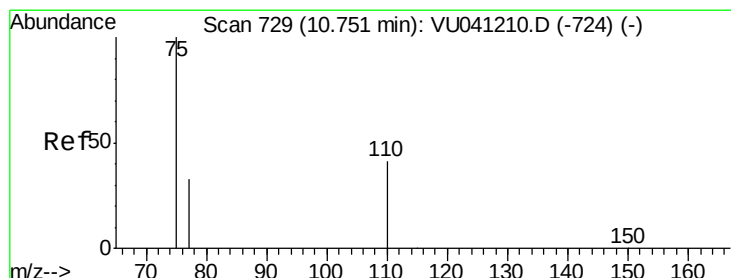
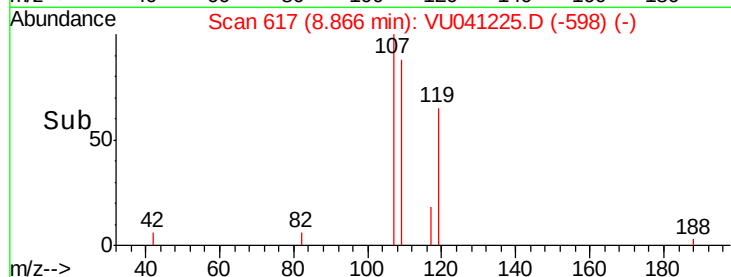
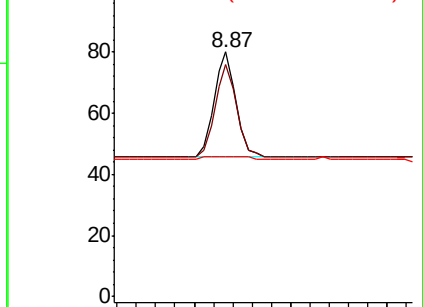
188 57.5 7.0 10.6#



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: 0.020 ug/L

RT: 10.75 min Scan# 729

Delta R.T. -0.00 min

Lab File: VU041225.D

Acq: 13 Nov 2020 11:59

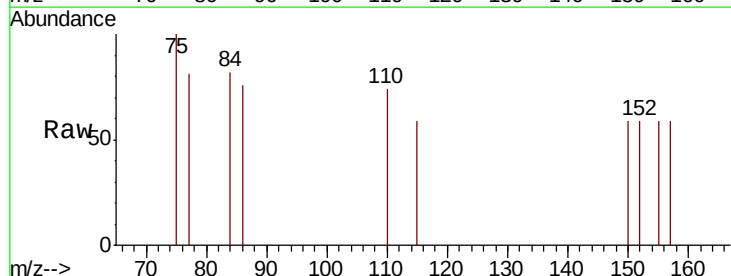
Tgt Ion: 75 Resp: 111

Ion Ratio Lower Upper

75 100

110 43.2 31.0 46.4

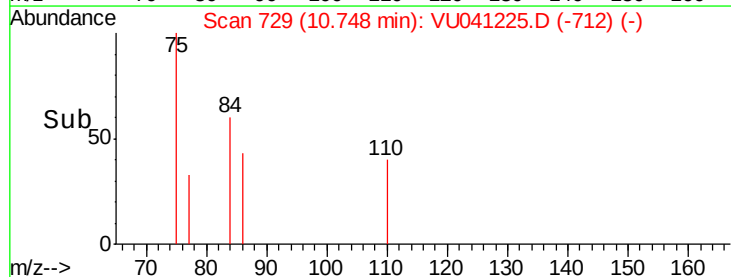
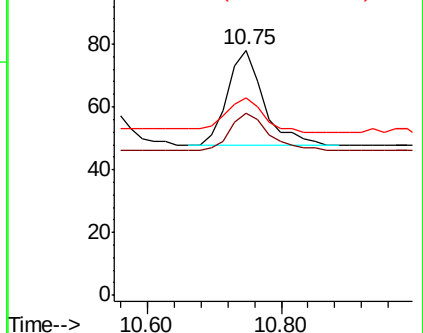
77 37.8 26.7 40.1

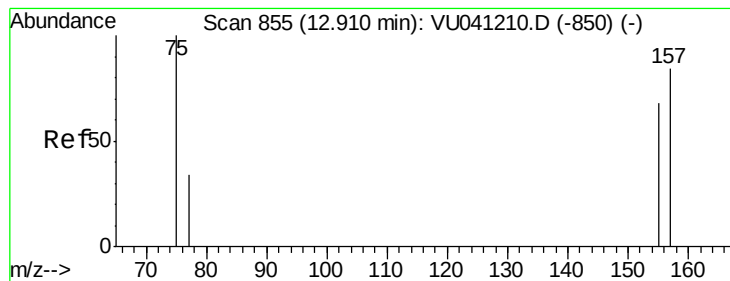


Abundance Ion 75.00 (74.70 to 75.70): VU0

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: 0.023 ug/L

RT: 12.91 min Scan# 855

Delta R.T. -0.00 min

Lab File: VU041225.D

Acq: 13 Nov 2020 11:59

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-04

Tot Ion: 75 Resp: 27

Ion Ratio Lower Upper

75 100

157 90.9 68.7 103.1

155 90.9 58.9 88.3#

