

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111320\
 Data File : VU041226.D
 Acq On : 13 Nov 2020 12:47
 Operator : SY/MD
 Sample : L4485-12
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-05

Quant Time: Nov 17 01:04:17 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	5863	0.50	ug/L	0.00
5) Chlorobenzene-d5	9.36	117	5284	0.50	ug/L	0.01
11) 1,4-Dichlorobenzene-d4	11.74	152	2860	0.50	ug/L	0.00

System Monitoring Compounds

2) Vinyl Chloride-d3	1.61	65	4880	0.55	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	110.00%
4) 1,2-Dichloroethane-d4	5.68	65	4167	0.47	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	94.00%
7) 1,2-Dichloropropane-d6	6.66	67	4237	0.65	ug/L	0.00
Spiked Amount	0.500	Range	60 - 140	Recovery	=	130.00%
8) Toluene-d8	7.85	98	5745	0.54	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	108.00%
10) 1,1,2,2-Tetrachloroethane-	10.68	84	3725	0.58	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	116.00%

Target Compounds

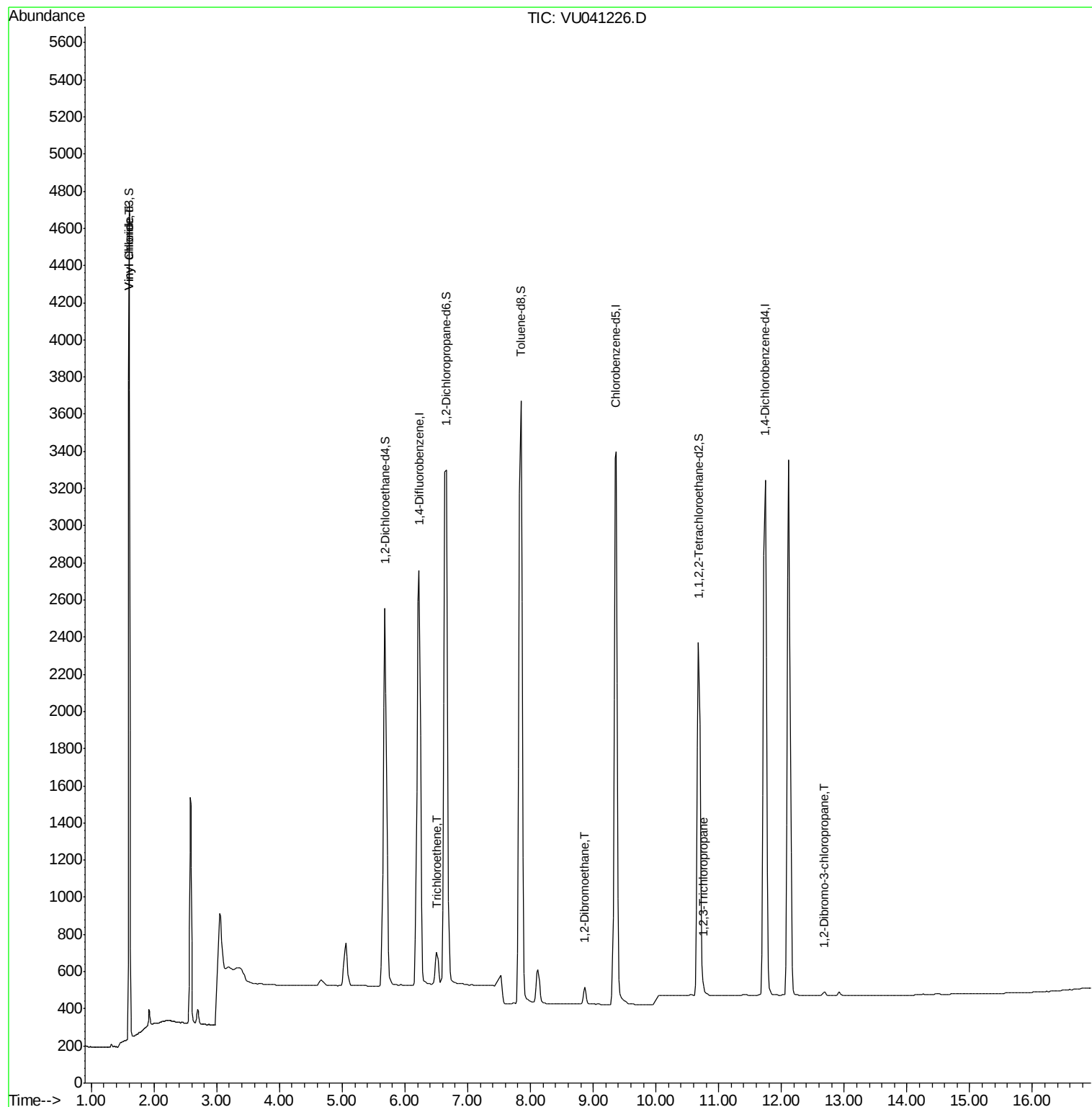
					Qvalue
3) Vinyl chloride	1.61	62	212	0.025 ug/L #	16
6) Trichloroethene	6.51	95	180	0.032 ug/L	93
9) 1,2-Dibromoethane	8.87	107	96	0.023 ug/L #	87
12) 1,2,3-Trichloropropane	10.75	75	106	0.024 ug/L #	92
13) 1,2-Dibromo-3-chloropropan	12.68	75	42	0.046 ug/L	91

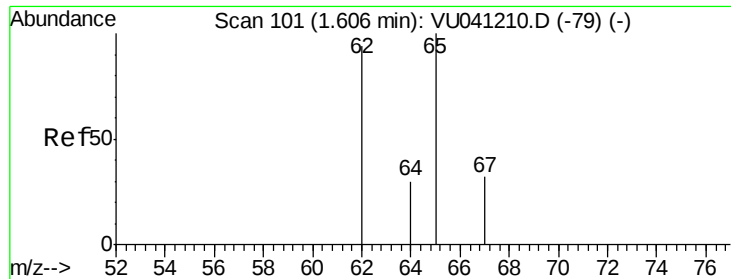
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Vinyl chloride

Concen: 0.025 ug/L

RT: 1.61 min Scan# 101

Delta R.T. -0.00 min

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Acq: 13 Nov 2020 12:47

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MSVOA_U

ClientSampleID :

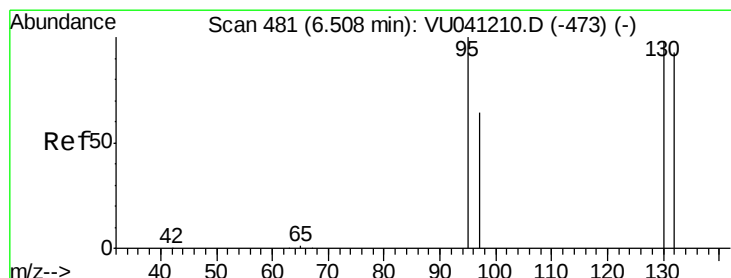
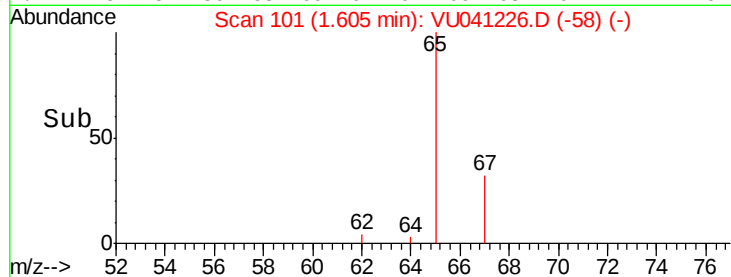
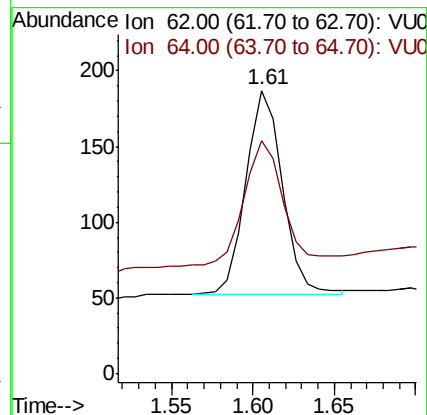
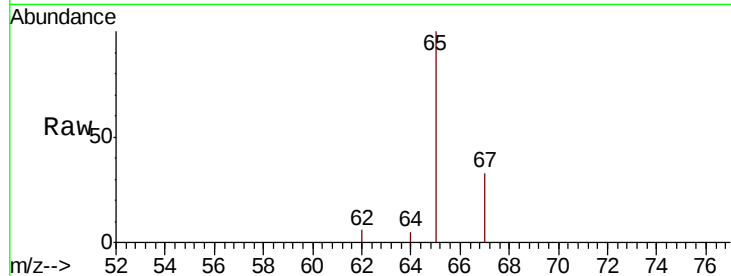
MDL-WATER-05

Tot Ion: 62 Resp: 212

Ion Ratio Lower Upper

62 100

64 82.4 23.9 44.3#



#6

Trichloroethene

Concen: 0.032 ug/L

RT: 6.51 min Scan# 481

Delta R.T. -0.00 min

Lab File: VU041226.D

Acq: 13 Nov 2020 12:47

Tgt Ion: 95 Resp: 180

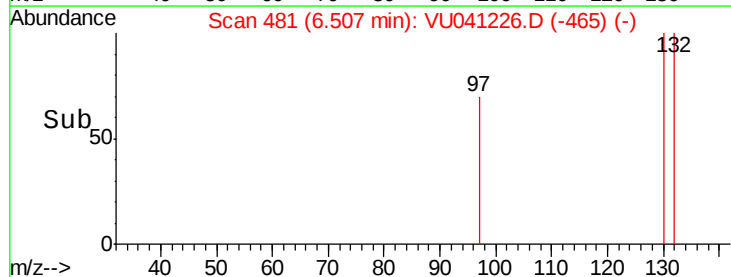
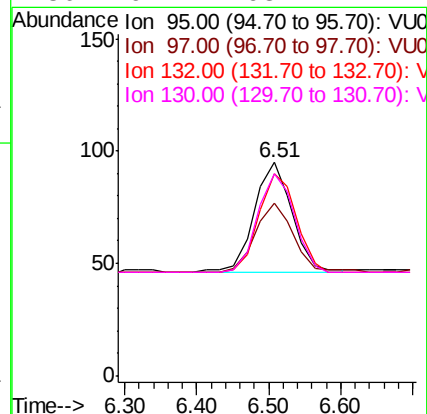
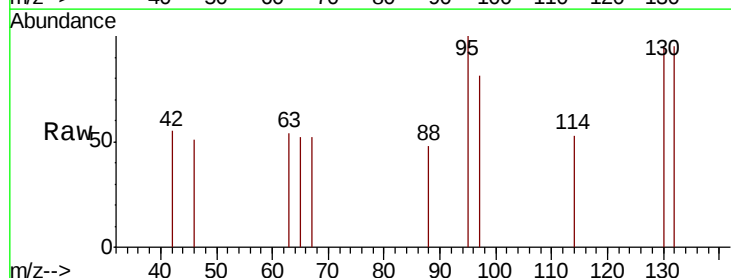
Ion Ratio Lower Upper

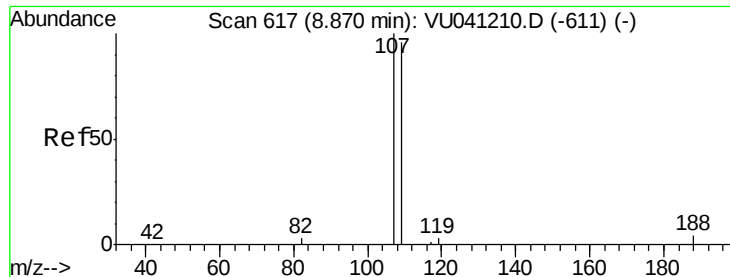
95 100

97 81.1 46.0 85.4

132 94.7 65.3 121.3

130 94.7 68.7 127.7





#9

1,2-Dibromoethane

Concen: 0.023 ug/L

RT: 8.87 min Scan# 617

Delta R.T. -0.00 min

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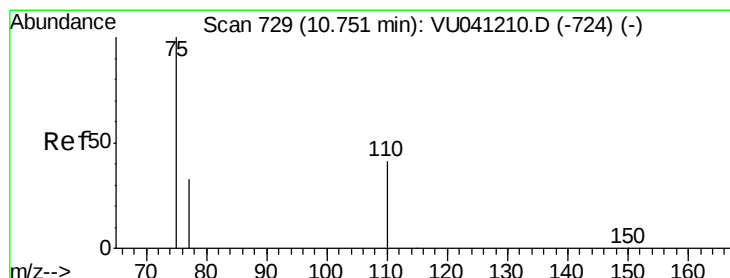
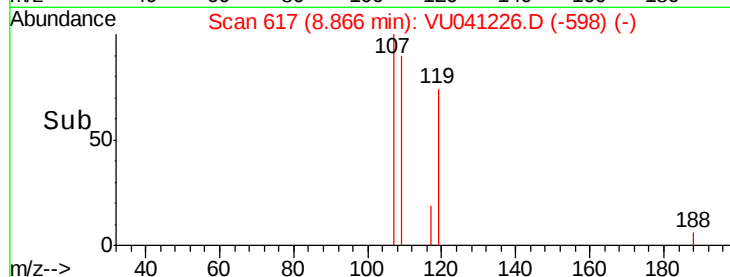
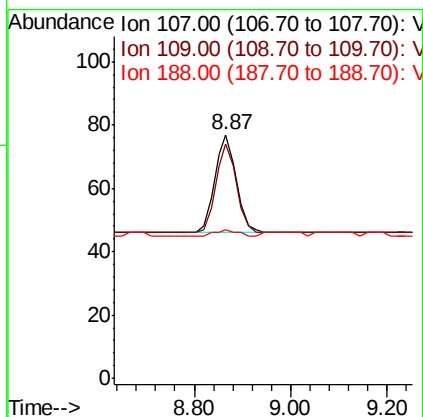
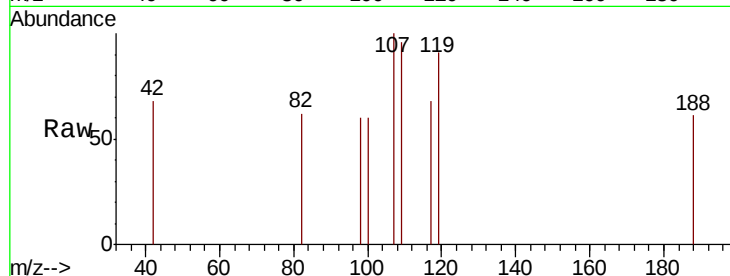
Tot Ion:107 Resp: 96

Ion Ratio Lower Upper

107 100

109 96.1 67.7 125.7

188 61.0 7.0 10.6#



#12

1,2,3-Trichloropropane

Concen: 0.024 ug/L

RT: 10.75 min Scan# 729

Delta R.T. -0.00 min

Lab File: VU041226.D

Acq: 13 Nov 2020 12:47

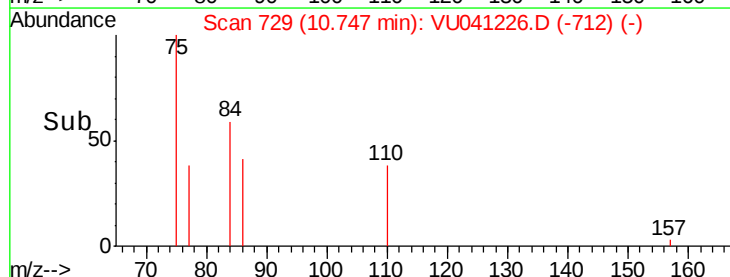
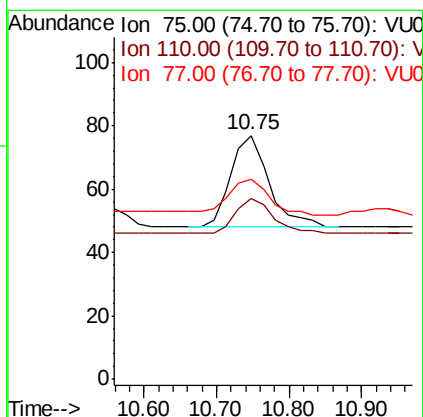
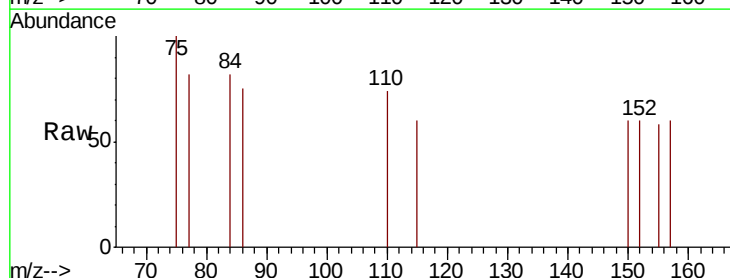
Tgt Ion: 75 Resp: 106

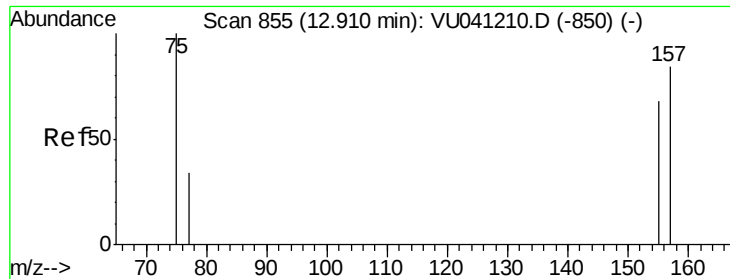
Ion Ratio Lower Upper

75 100

110 36.8 31.0 46.4

77 40.6 26.7 40.1#





#13

1,2-Dibromo-3-chloropropane

Concen: 0.046 ug/L

RT: 12.68 min Scan# 842

Delta R.T. -0.23 min

Lab File: VU041226.D

Acq: 13 Nov 2020 12:47

Instrument :

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MDL-WATER-05

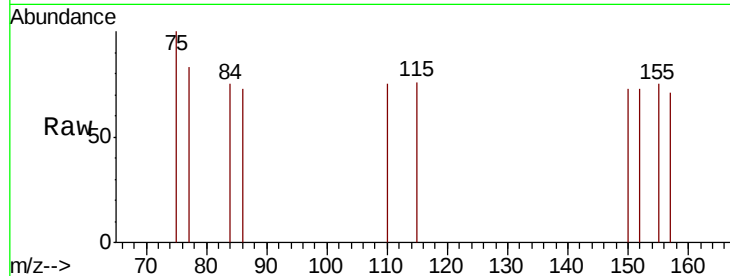
Tot Ion: 75 Resp: 42

Ion Ratio Lower Upper

75 100

157 71.4 68.7 103.1

155 74.6 58.9 88.3



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 157.00 (156.70 to 157.70): V

Ion 155.00 (154.70 to 155.70): V

