

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111320\
 Data File : VU041227.D
 Acq On : 13 Nov 2020 13:16
 Operator : SY/MD
 Sample : VSTDCCC0.5EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5210

Quant Time: Nov 17 01:04:22 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	5390	0.50	ug/L	0.00
5) Chlorobenzene-d5	9.36	117	5808	0.50	ug/L	0.01
11) 1,4-Dichlorobenzene-d4	11.74	152	2651	0.50	ug/L	0.00

System Monitoring Compounds

2) Vinyl Chloride-d3	1.61	65	4546	0.56	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	112.00%
4) 1,2-Dichloroethane-d4	5.68	65	3822	0.47	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	94.00%
7) 1,2-Dichloropropane-d6	6.66	67	3219	0.45	ug/L	0.00
Spiked Amount	0.500	Range	60 - 140	Recovery	=	90.00%
8) Toluene-d8	7.85	98	5183	0.45	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	90.00%
10) 1,1,2,2-Tetrachloroethane-	10.68	84	3184	0.45	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	90.00%

Target Compounds

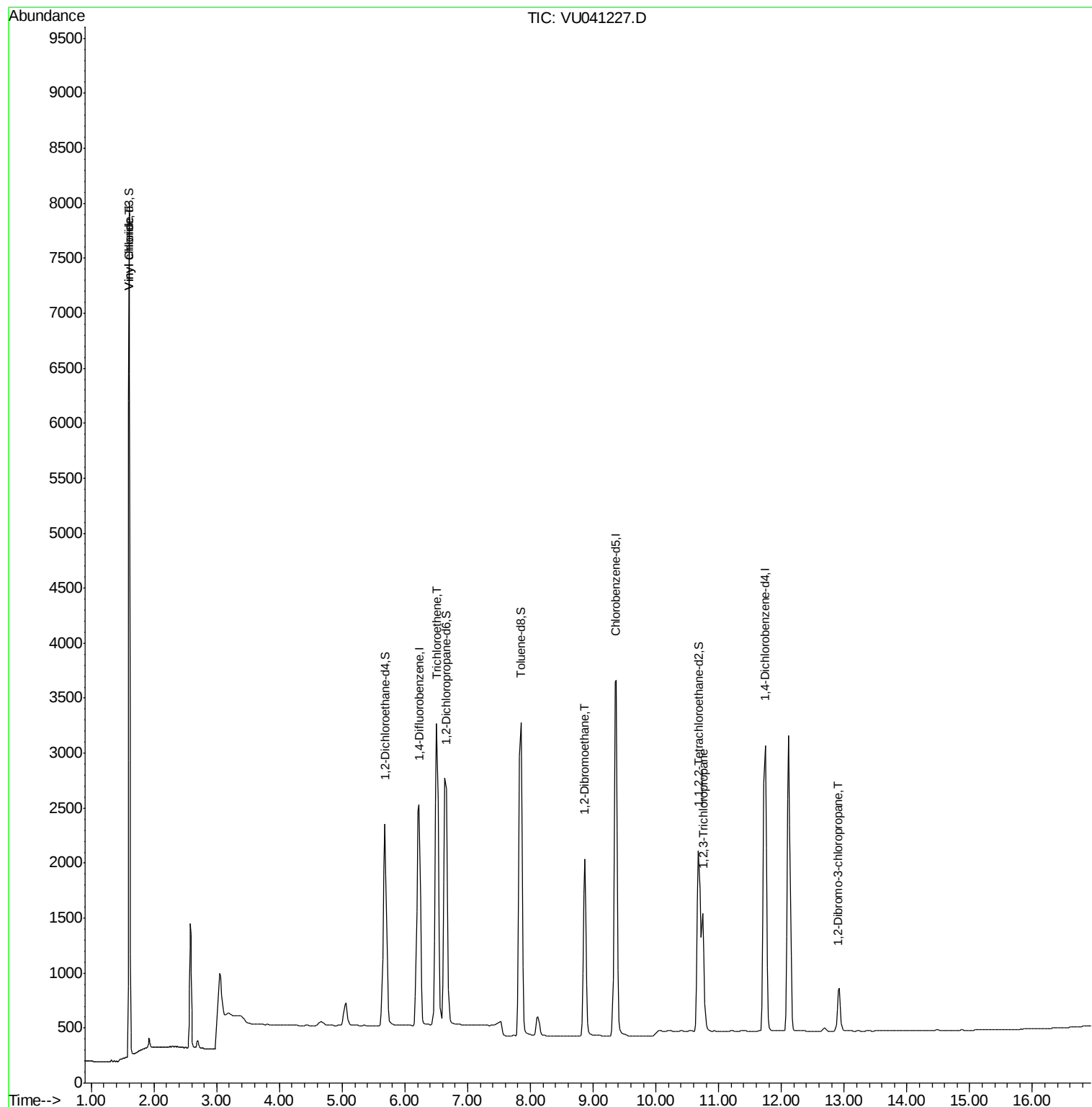
					Qvalue
3) Vinyl chloride	1.61	62	4331	0.557	ug/L 100
6) Trichloroethene	6.51	95	2756	0.449	ug/L 99
9) 1,2-Dibromoethane	8.87	107	2442	0.536	ug/L 99
12) 1,2,3-Trichloropropane	10.75	75	2053	0.510	ug/L 99
13) 1,2-Dibromo-3-chloropropan	12.91	75	462	0.543	ug/L 94

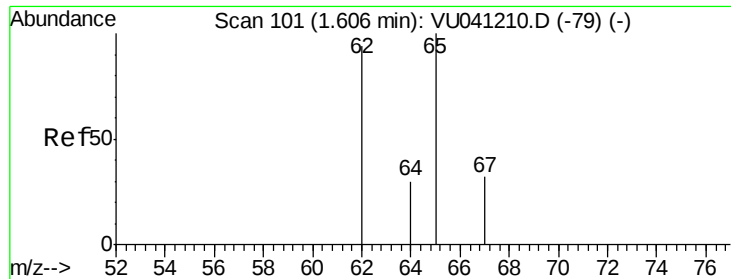
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Vinyl chloride

Concen: 0.557 ug/L

RT: 1.61 min Scan# 101

Delta R.T. -0.00 min

Lab File: VU041227.D

Acq: 13 Nov 2020 13:16

Instrument :

MSVOA_U

ClientSampleId :

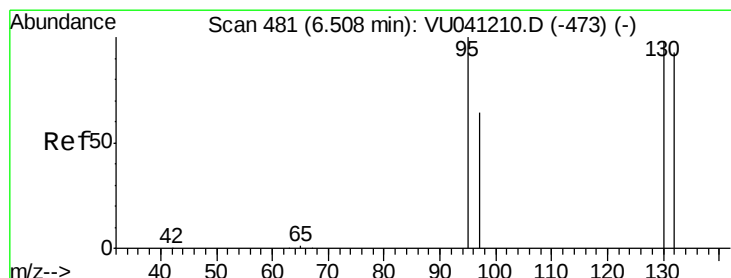
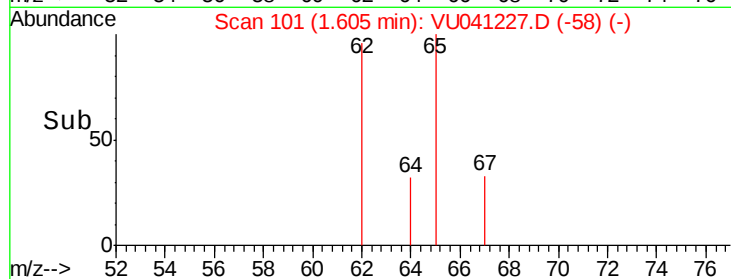
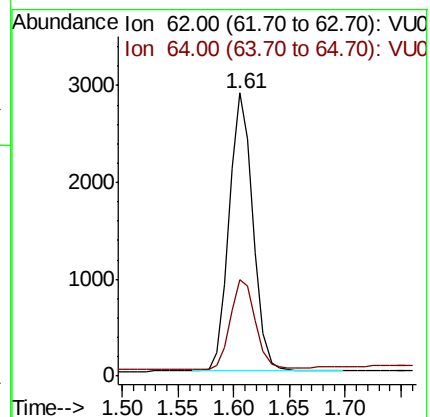
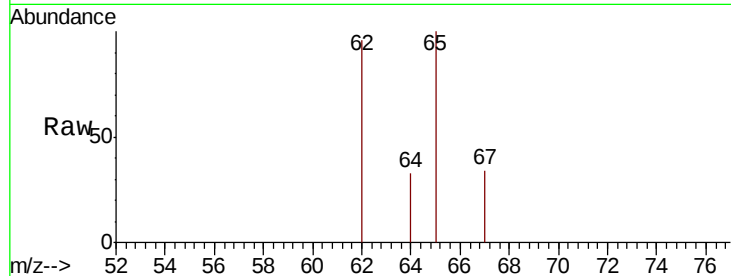
VSTD0.5210

Tot Ion: 62 Resp: 4331

Ion Ratio Lower Upper

62 100

64 34.2 23.9 44.3



#6

Trichloroethene

Concen: 0.449 ug/L

RT: 6.51 min Scan# 481

Delta R.T. -0.00 min

Lab File: VU041227.D

Acq: 13 Nov 2020 13:16

Tgt Ion: 95 Resp: 2756

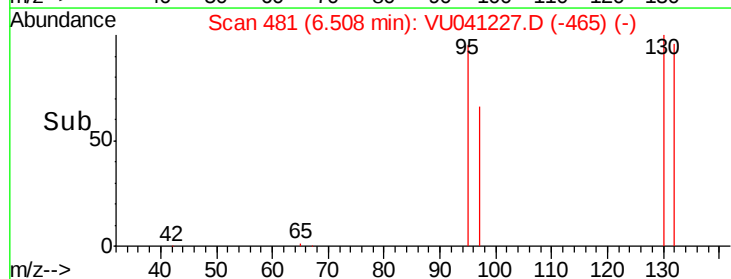
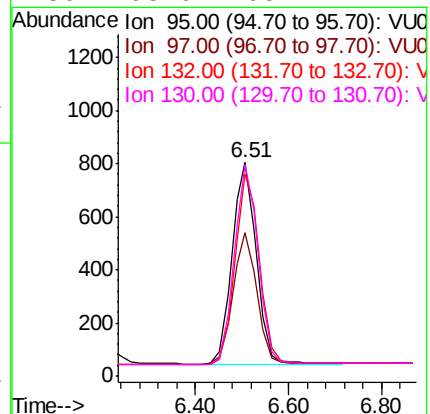
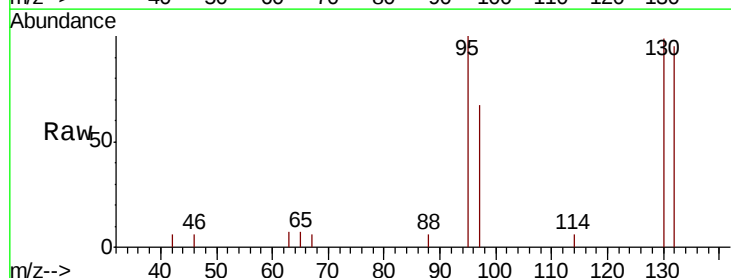
Ion Ratio Lower Upper

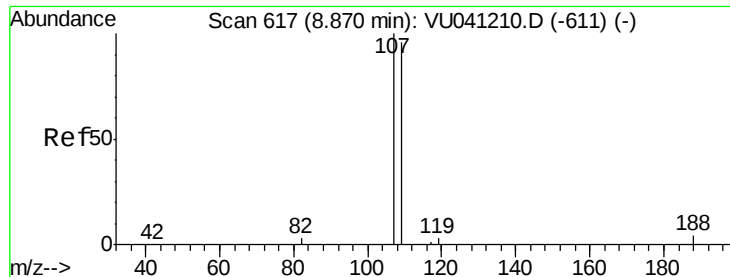
95 100

97 67.2 46.0 85.4

132 94.9 65.3 121.3

130 98.9 68.7 127.7





#9

1,2-Dibromoethane

Concen: 0.536 ug/L

RT: 8.87 min Scan# 617

Delta R.T. -0.00 min

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ClientSampleId :

VSTD0.5210

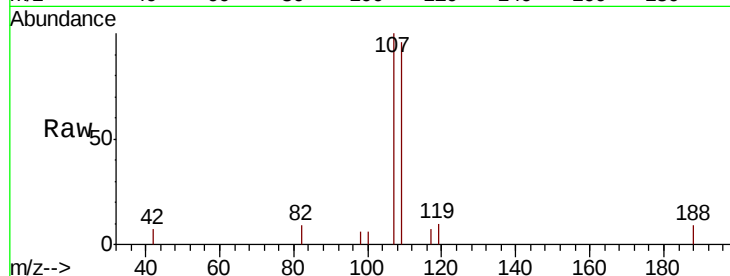
Tot Ion:107 Resp: 2442

Ion Ratio Lower Upper

107 100

109 95.6 67.7 125.7

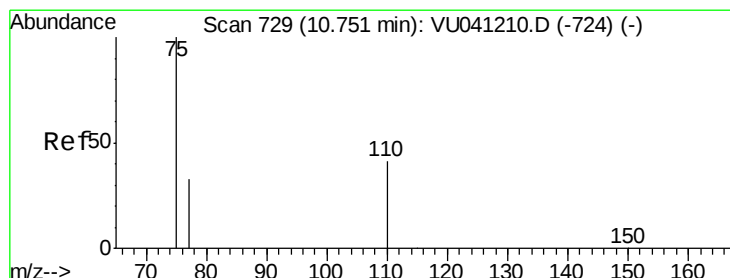
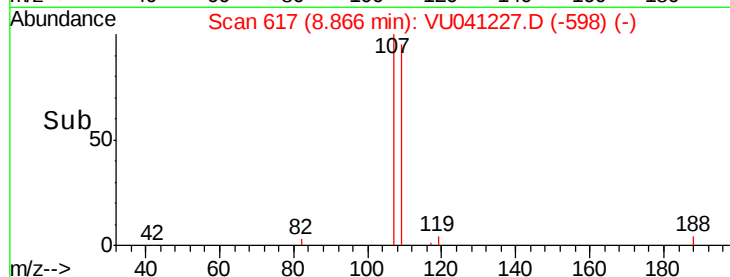
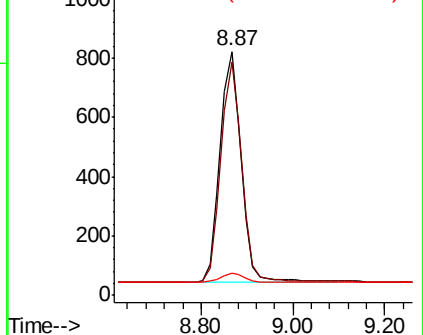
188 9.1 7.0 10.6



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: 0.510 ug/L

RT: 10.75 min Scan# 729

Delta R.T. -0.00 min

Lab File: VU041227.D

Acq: 13 Nov 2020 13:16

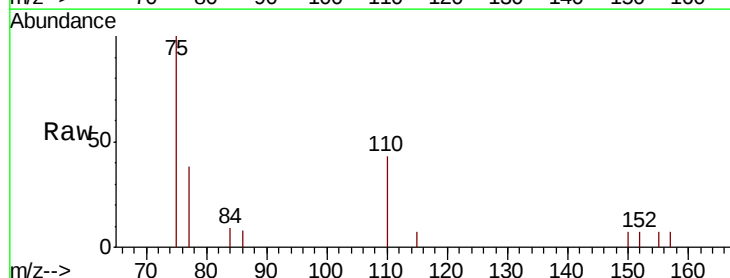
Tgt Ion: 75 Resp: 2053

Ion Ratio Lower Upper

75 100

110 38.2 31.0 46.4

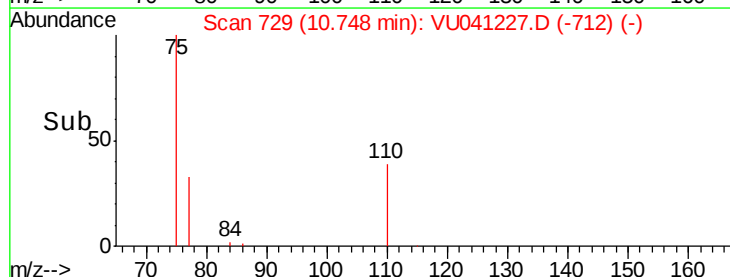
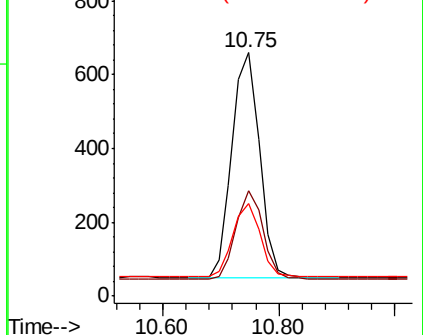
77 32.5 26.7 40.1

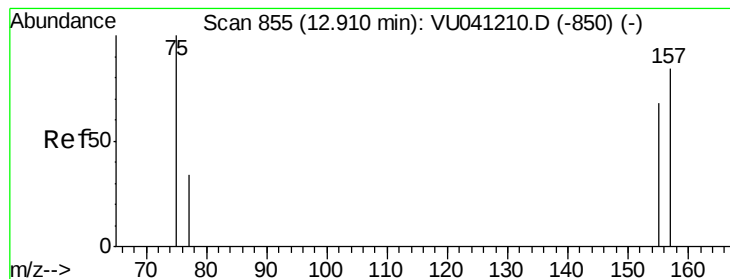


Abundance Ion 75.00 (74.70 to 75.70): VU0

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: 0.543 ug/L

RT: 12.91 min Scan# 855

Delta R.T. -0.00 min

Lab File: VU041227.D

Acq: 13 Nov 2020 13:16

Instrument :

MSVOA_U

ClientSampleId :

VSTD0.5210

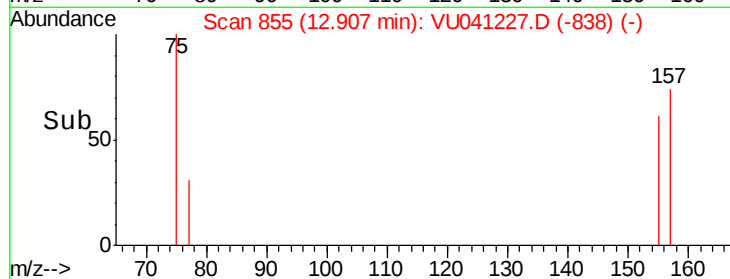
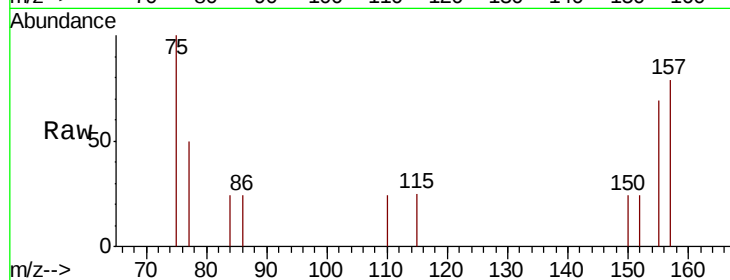
Tot Ion: 75 Resp: 462

Ion Ratio Lower Upper

75 100

157 78.8 68.7 103.1

155 69.3 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

Time-->

12.80 12.91 13.00 13.20

250

200

150

100

50

0

12.80 12.91 13.00 13.20

Time-->