

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111220\
 Data File : VU041218.D
 Acq On : 12 Nov 2020 15:20
 Operator : SY/MD
 Sample : VSTDCCC0.5EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5208

Quant Time: Nov 13 04:27:49 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	6020	0.50	ug/L	0.00
5) Chlorobenzene-d5	9.35	117	6654	0.50	ug/L	0.00
11) 1,4-Dichlorobenzene-d4	11.74	152	3320	0.50	ug/L	0.00

System Monitoring Compounds

2) Vinyl Chloride-d3	1.61	65	5511	0.60	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	120.00%
4) 1,2-Dichloroethane-d4	5.68	65	4389	0.48	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	96.00%
7) 1,2-Dichloropropane-d6	6.66	67	3886	0.47	ug/L	0.00
Spiked Amount	0.500	Range	60 - 140	Recovery	=	94.00%
8) Toluene-d8	7.83	98	5934	0.45	ug/L	-0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	90.00%
10) 1,1,2,2-Tetrachloroethane-	10.68	84	4074	0.51	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	102.00%

Target Compounds

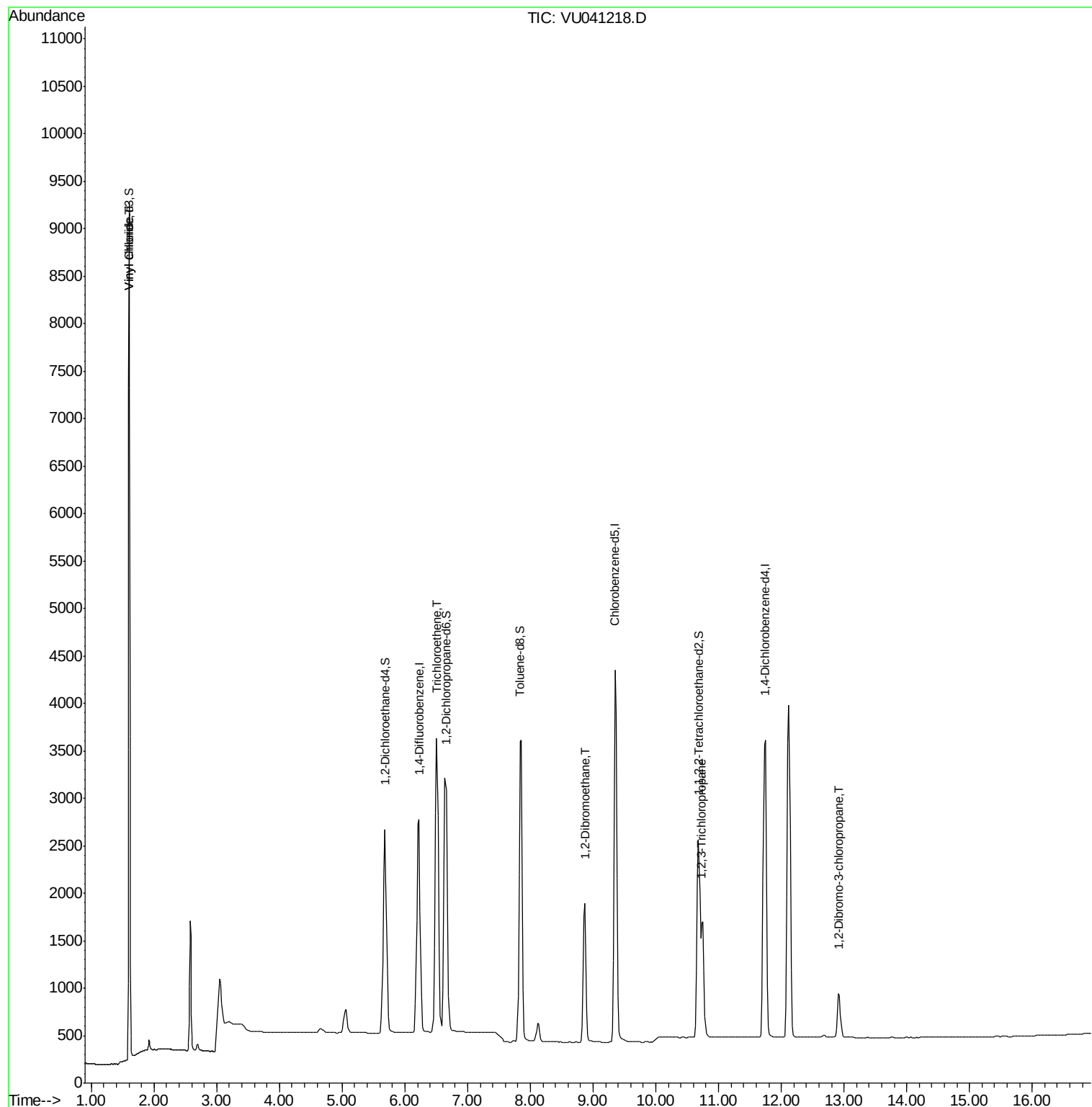
					Qvalue
3) Vinyl chloride	1.61	62	4824	0.556	ug/L 99
6) Trichloroethene	6.51	95	3094	0.440	ug/L 98
9) 1,2-Dibromoethane	8.87	107	2289	0.439	ug/L 98
12) 1,2,3-Trichloropropane	10.73	75	2397	0.475	ug/L 99
13) 1,2-Dibromo-3-chloropropan	12.91	75	519	0.487	ug/L 98

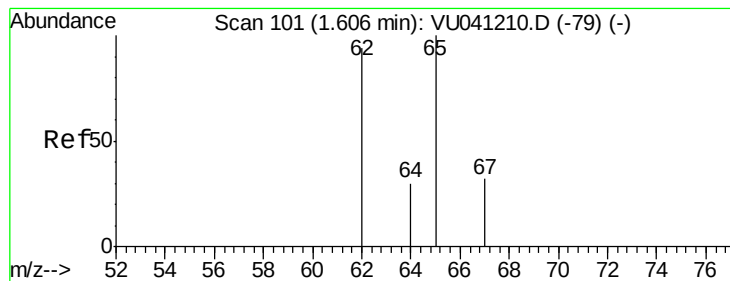
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Vinyl chloride

Concen: 0.556 ug/L

RT: 1.61 min Scan# 101

Delta R.T. -0.00 min

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Acq: 12 Nov 2020 15:20

Instrument :

MSVOA_U

ClientSampleId :

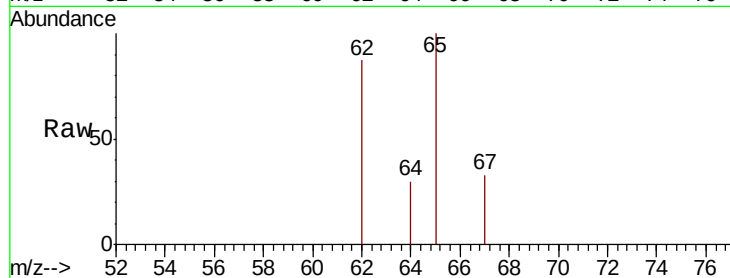
VSTD0.5208

Tot Ion: 62 Resp: 4824

Ion Ratio Lower Upper

62 100

64 34.7 23.9 44.3



Abundance Ion 62.00 (61.70 to 62.70): VU041218.D (-79) (-)

Ion 64.00 (63.70 to 64.70): VU041218.D (-79) (-)

1.61

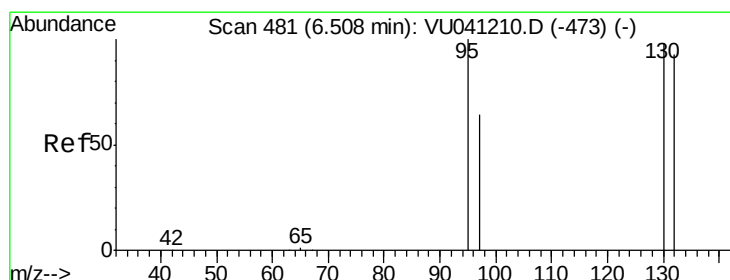
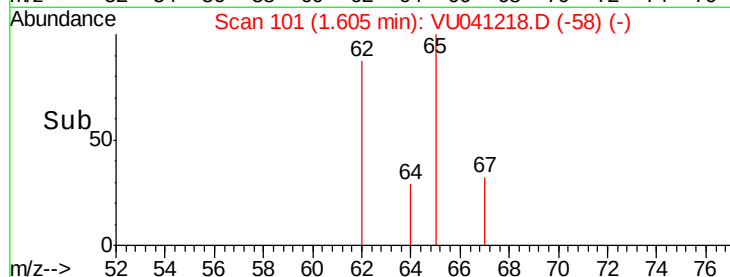
3000

2000

1000

0

Time-->



#6

Trichloroethene

Concen: 0.440 ug/L

RT: 6.51 min Scan# 481

Delta R.T. -0.00 min

Lab File: VU041218.D

Acq: 12 Nov 2020 15:20

Tgt Ion: 95 Resp: 3094

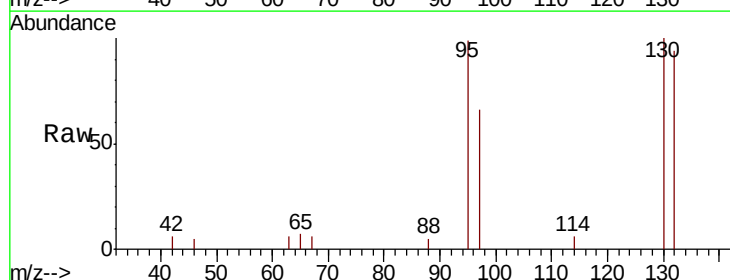
Ion Ratio Lower Upper

95 100

97 66.4 46.0 85.4

132 95.0 65.3 121.3

130 100.8 68.7 127.7



Abundance Ion 95.00 (94.70 to 95.70): VU041218.D (-473) (-)

Ion 97.00 (96.70 to 97.70): VU041218.D (-473) (-)

Ion 132.00 (131.70 to 132.70): VU041218.D (-473) (-)

Ion 130.00 (129.70 to 130.70): VU041218.D (-473) (-)

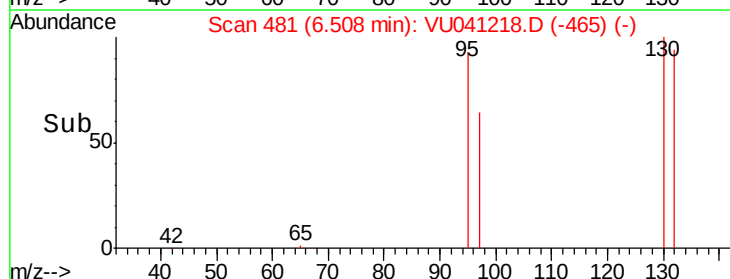
6.51

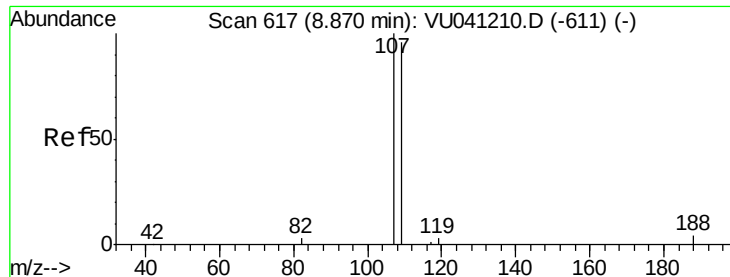
1000

500

0

Time-->





#9

1,2-Dibromoethane

Concen: 0.439 ug/L

RT: 8.87 min Scan# 617

Delta R.T. -0.00 min

Lab File: VU041218.D

Acq: 12 Nov 2020 15:20

Instrument :

MSVOA_U

ClientSampleId :

VSTD0.5208

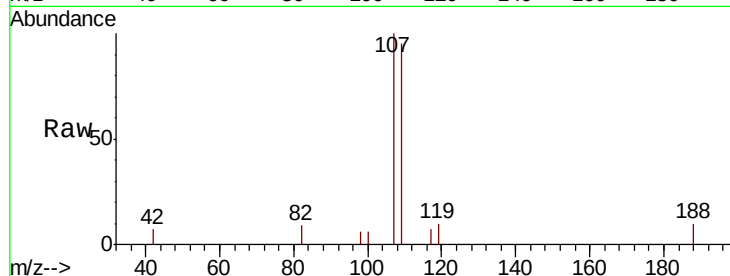
Tot Ion:107 Resp: 2289

Ion Ratio Lower Upper

107 100

109 95.2 67.7 125.7

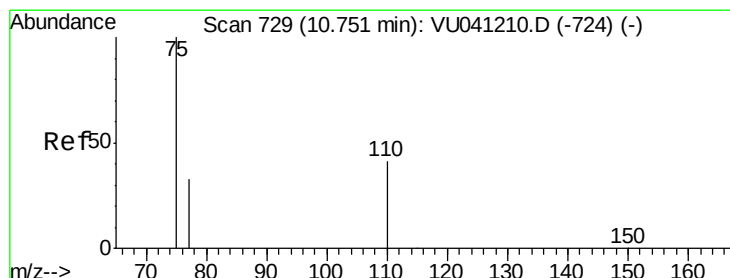
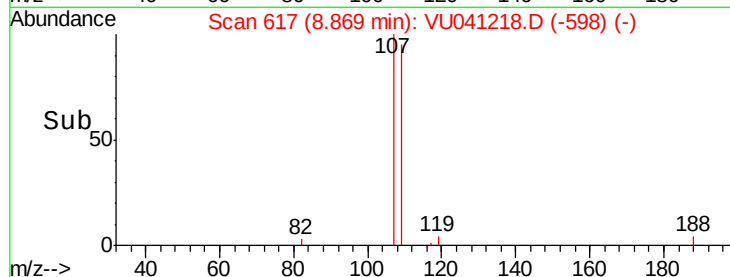
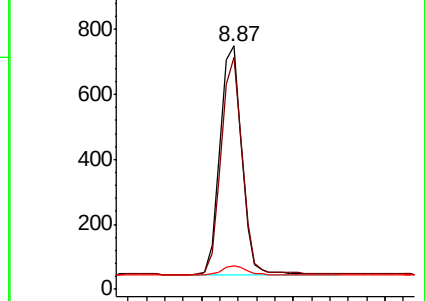
188 9.7 7.0 10.6



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: 0.475 ug/L

RT: 10.73 min Scan# 728

Delta R.T. -0.02 min

Lab File: VU041218.D

Acq: 12 Nov 2020 15:20

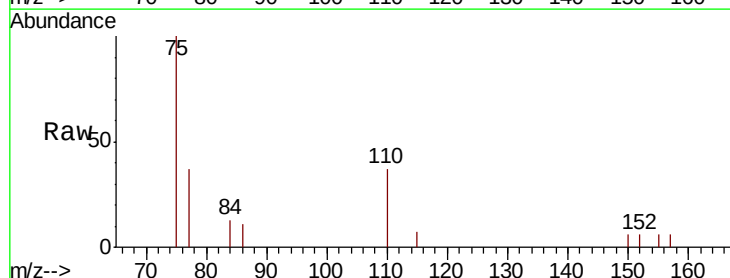
Tgt Ion: 75 Resp: 2397

Ion Ratio Lower Upper

75 100

110 39.5 31.0 46.4

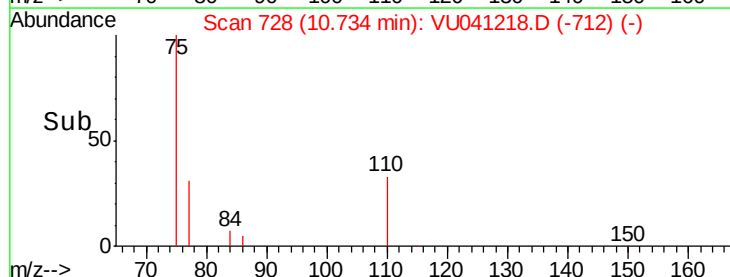
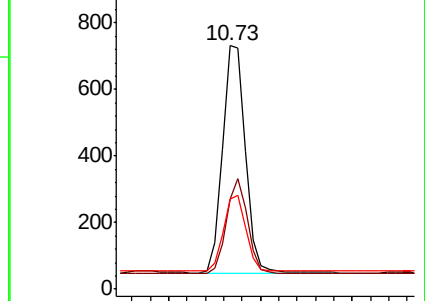
77 32.7 26.7 40.1

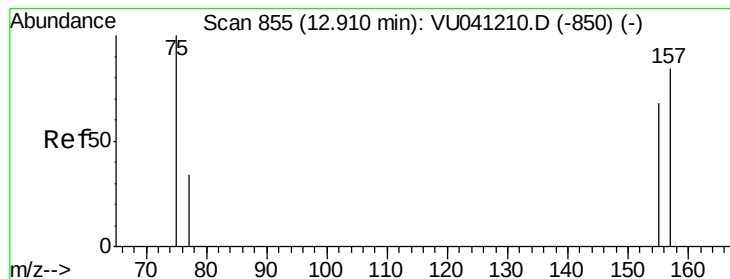


Abundance Ion 75.00 (74.70 to 75.70): VU0

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: 0.487 ug/L

RT: 12.91 min Scan# 855

Delta R.T. -0.00 min

Lab File: VU041218.D

Acq: 12 Nov 2020 15:20

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VSTD0.5208

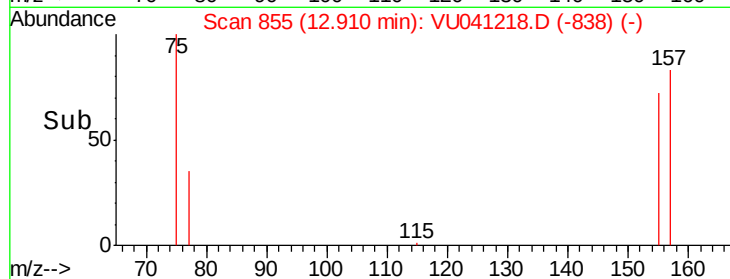
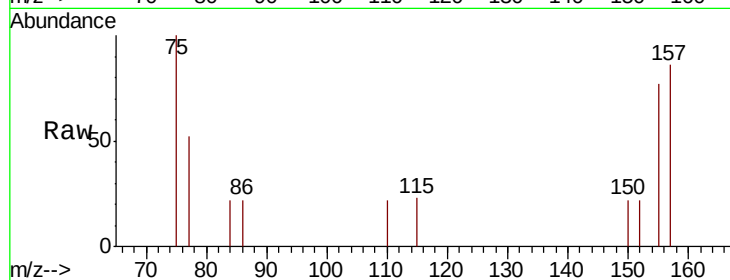
Tot Ion: 75 Resp: 519

Ion Ratio Lower Upper

75 100

157 85.6 68.7 103.1

155 76.6 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

Time-->

12.80 12.90 13.00

250

200

150

100

50

0

12.91