

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111220\
 Data File : VU041213.D
 Acq On : 12 Nov 2020 12:58
 Operator : SY/MD
 Sample : VSTDICV0.5
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV201

Quant Time: Nov 13 04:27:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUSIM111220.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 13 04:25:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.23	114	6079	0.50	ug/L	0.00
5) Chlorobenzene-d5	9.35	117	5922	0.50	ug/L	0.00
11) 1,4-Dichlorobenzene-d4	11.75	152	3018	0.50	ug/L	0.00

System Monitoring Compounds

2) Vinyl Chloride-d3	1.61	65	4860	0.53	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	106.00%
4) 1,2-Dichloroethane-d4	5.68	65	4338	0.47	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	94.00%
7) 1,2-Dichloropropane-d6	6.66	67	3968	0.54	ug/L	0.00
Spiked Amount	0.500	Range	60 - 140	Recovery	=	108.00%
8) Toluene-d8	7.83	98	5807	0.49	ug/L	-0.02
Spiked Amount	0.500	Range	70 - 130	Recovery	=	98.00%
10) 1,1,2,2-Tetrachloroethane-	10.68	84	3973	0.55	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	110.00%

Target Compounds

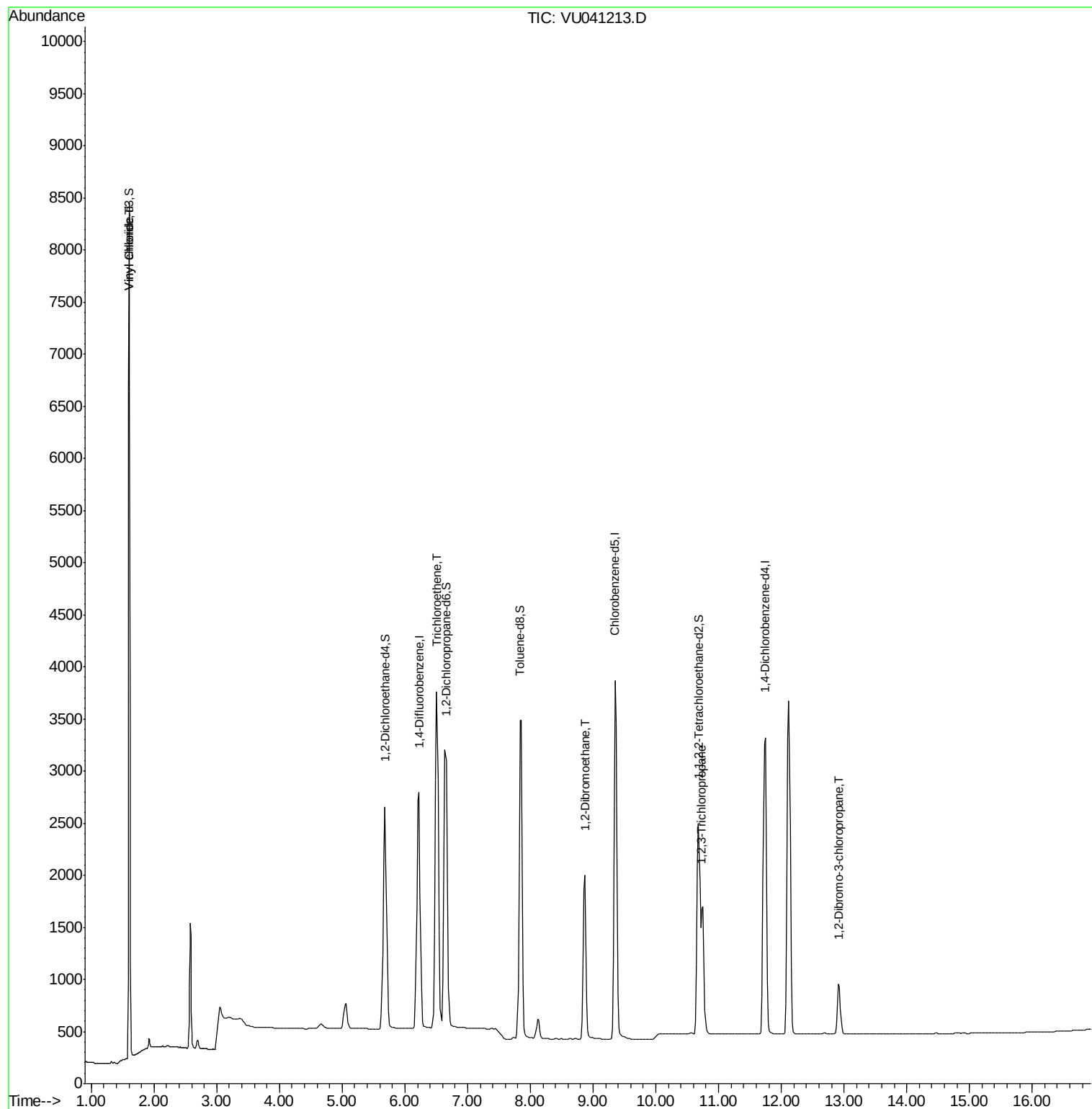
					Qvalue
3) Vinyl chloride	1.61	62	4484	0.511	ug/L 99
6) Trichloroethene	6.51	95	3227	0.515	ug/L 98
9) 1,2-Dibromoethane	8.87	107	2443	0.526	ug/L 99
12) 1,2,3-Trichloropropane	10.73	75	2427	0.529	ug/L 99
13) 1,2-Dibromo-3-chloropropan	12.91	75	550	0.567	ug/L 99

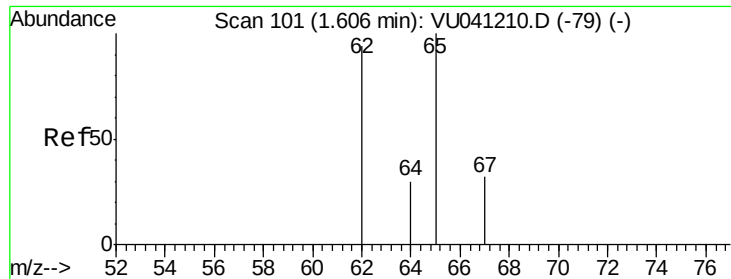
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Vinyl chloride

Concen: 0.511 ug/L

RT: 1.61 min Scan# 101

Delta R.T. 0.00 min

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Acq: 12 Nov 2020 12:58

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MSVOA_U

ClientSampleId :

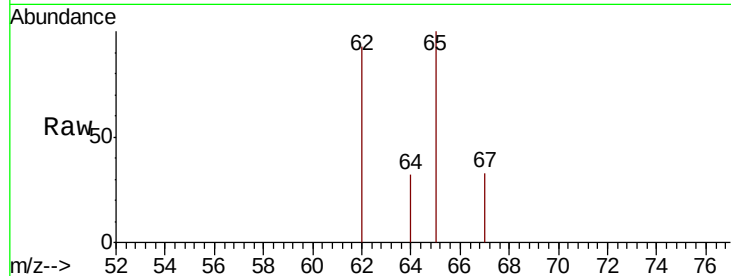
VICV201

Tot Ion: 62 Resp: 4484

Ion Ratio Lower Upper

62 100

64 34.4 23.9 44.3



Abundance Ion 62.00 (61.70 to 62.70): VU041213.D (-79) (-)

Ion 64.00 (63.70 to 64.70): VU041213.D (-79) (-)

1.61

3000

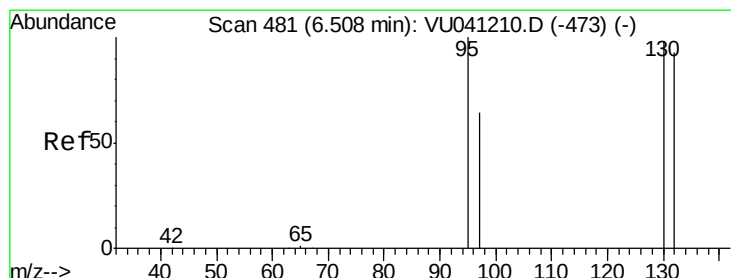
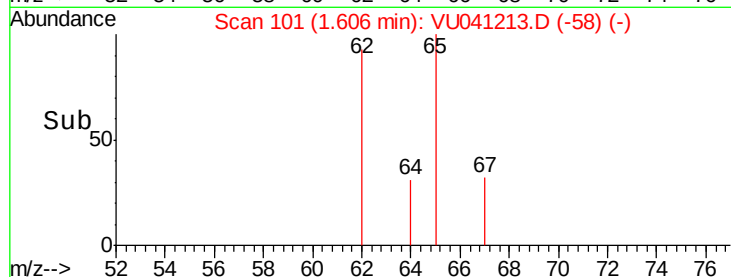
2000

1000

0

Time-->

1.55 1.60 1.65 1.70



#6

Trichloroethene

Concen: 0.515 ug/L

RT: 6.51 min Scan# 481

Delta R.T. 0.00 min

Lab File: VU041213.D

Acq: 12 Nov 2020 12:58

Tgt Ion: 95 Resp: 3227

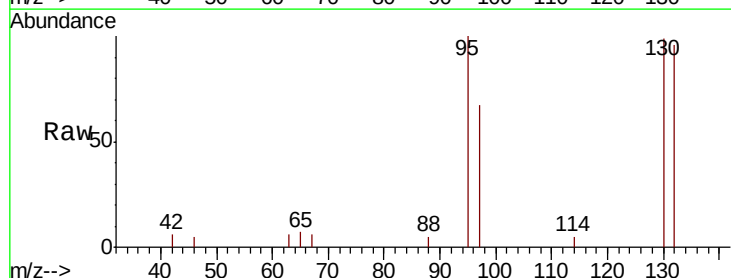
Ion Ratio Lower Upper

95 100

97 66.7 46.0 85.4

132 95.8 65.3 121.3

130 99.5 68.7 127.7



Abundance Ion 95.00 (94.70 to 95.70): VU041213.D (-473) (-)

Ion 97.00 (96.70 to 97.70): VU041213.D (-473) (-)

Ion 132.00 (131.70 to 132.70): VU041213.D (-473) (-)

Ion 130.00 (129.70 to 130.70): VU041213.D (-473) (-)

6.51

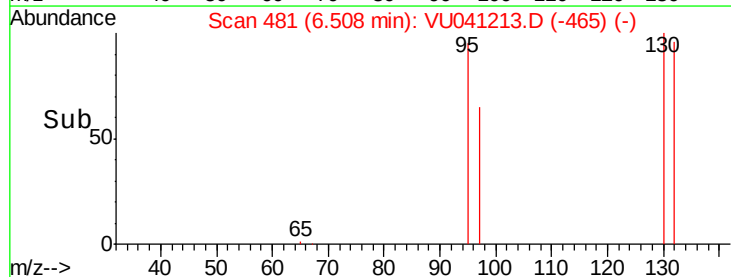
1000

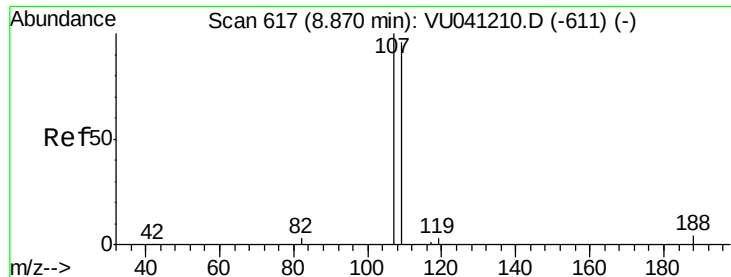
500

0

Time-->

6.40 6.60 6.80





#9

1,2-Dibromoethane

Concen: 0.526 ug/L

RT: 8.87 min Scan# 617

Delta R.T. 0.00 min

Lab File: VU041213.D

Acq: 12 Nov 2020 12:58

Instrument :

MSVOA_U

ClientSampleId :

VICV201

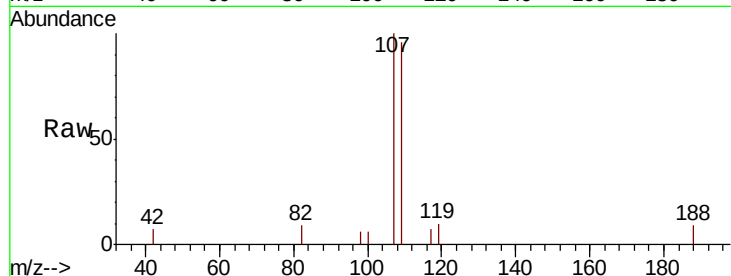
Tot Ion:107 Resp: 2443

Ion Ratio Lower Upper

107 100

109 95.9 67.7 125.7

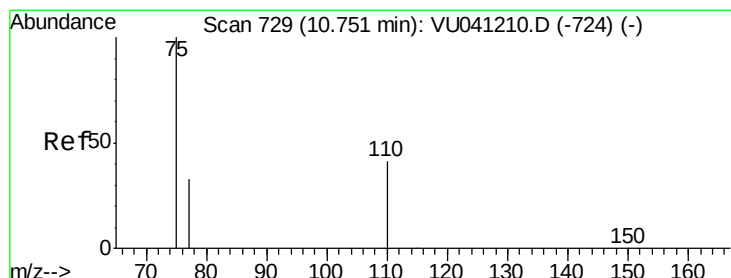
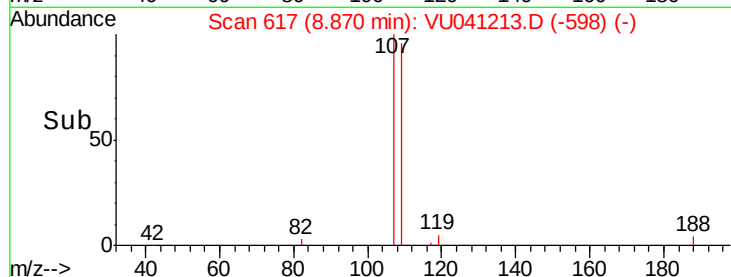
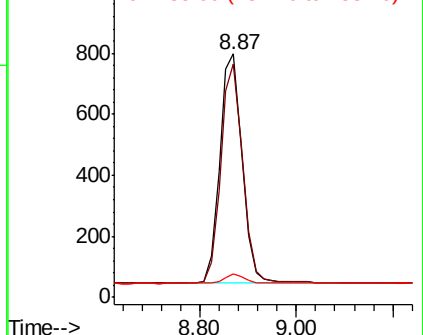
188 9.4 7.0 10.6



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: 0.529 ug/L

RT: 10.73 min Scan# 728

Delta R.T. -0.02 min

Lab File: VU041213.D

Acq: 12 Nov 2020 12:58

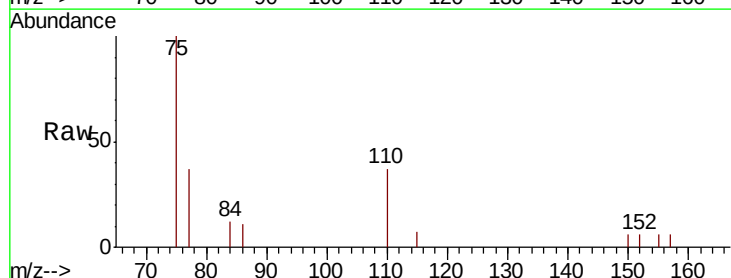
Tgt Ion: 75 Resp: 2427

Ion Ratio Lower Upper

75 100

110 38.5 31.0 46.4

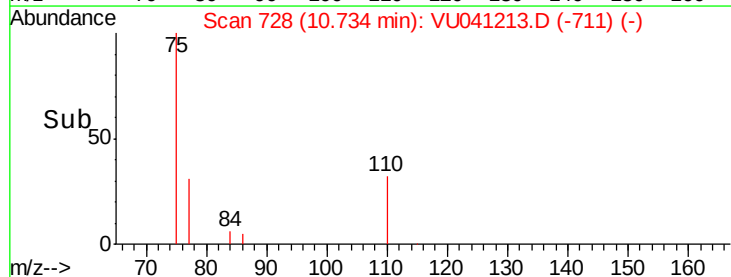
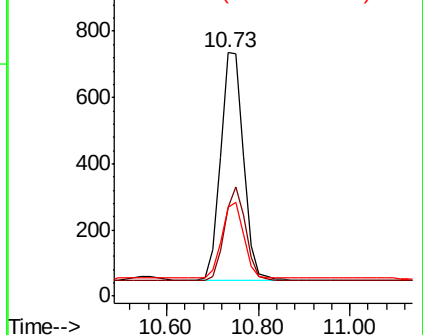
77 32.1 26.7 40.1

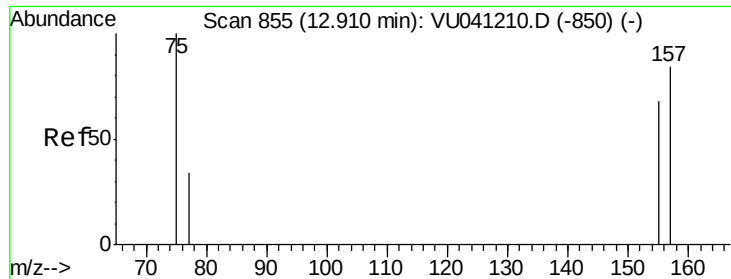


Abundance Ion 75.00 (74.70 to 75.70): VU0

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: 0.567 ug/L

RT: 12.91 min Scan# 855

Delta R.T. 0.00 min

Lab File: VU041213.D

Acq: 12 Nov 2020 12:58

Instrument :

MSVOA_U

ClientSampleId :

VICV201

Tot Ion: 75 Resp: 550

Ion Ratio Lower Upper

75 100

157 86.6 68.7 103.1

155 75.0 58.9 88.3

