

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111320\
 Data File : VU041222.D
 Acq On : 13 Nov 2020 10:23
 Operator : SY/MD
 Sample : VU1113WBL04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK204

Quant Time: Nov 17 01:03:59 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	5401	0.50	ug/L	0.00
5) Chlorobenzene-d5	9.36	117	5040	0.50	ug/L	0.01
11) 1,4-Dichlorobenzene-d4	11.74	152	2593	0.50	ug/L	0.00

System Monitoring Compounds

2) Vinyl Chloride-d3	1.61	65	4485	0.55	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	110.00%
4) 1,2-Dichloroethane-d4	5.68	65	3841	0.47	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	94.00%
7) 1,2-Dichloropropane-d6	6.66	67	3205	0.52	ug/L	0.00
Spiked Amount	0.500	Range	60 - 140	Recovery	=	104.00%
8) Toluene-d8	7.85	98	4864	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	3223	0.53	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	106.00%

Target Compounds

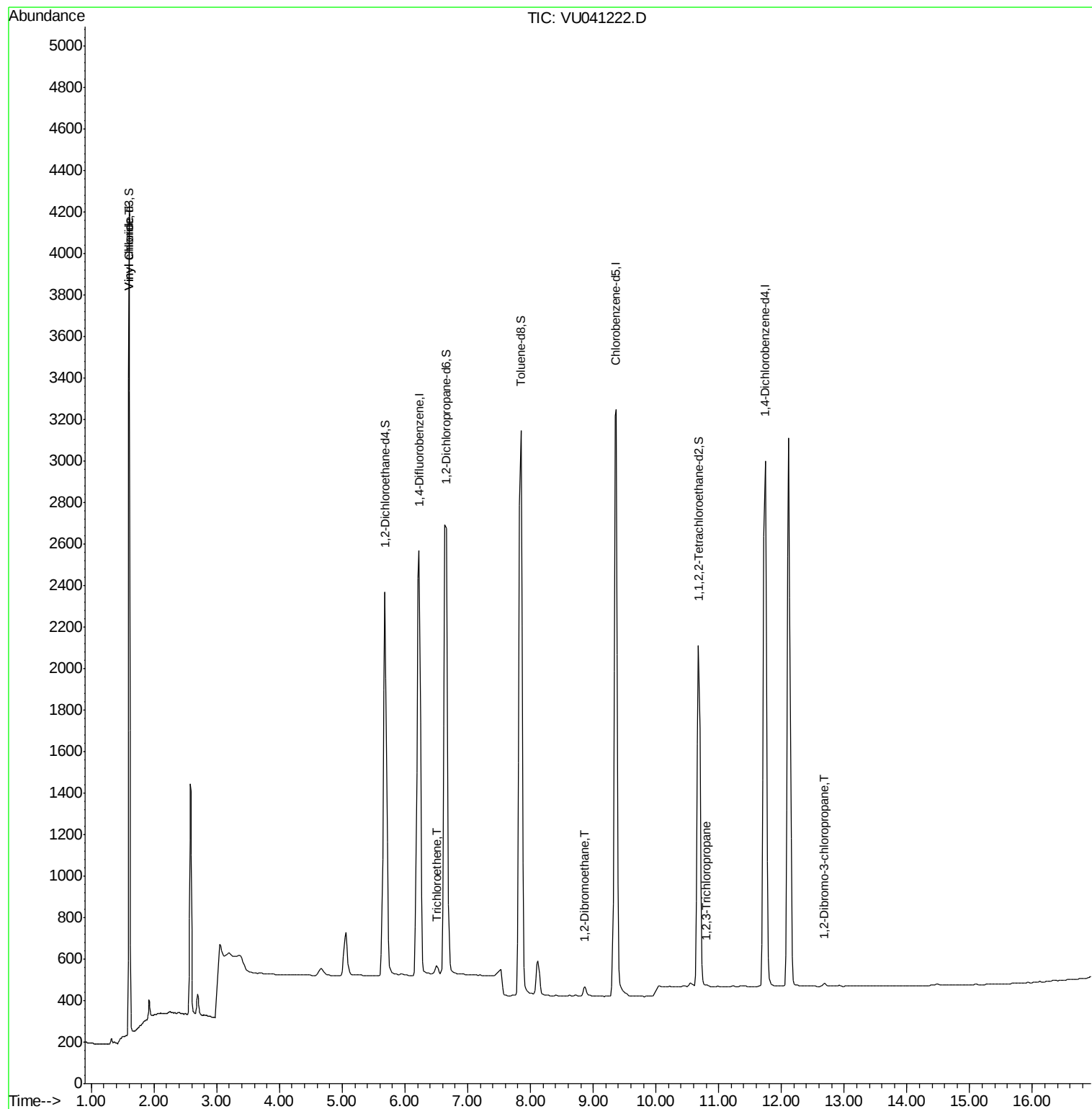
					Qvalue
3) Vinyl chloride	1.61	62	38	0.005 ug/L #	1
6) Trichloroethene	6.51	95	43	0.008 ug/L #	90
9) 1,2-Dibromoethane	8.87	107	20	0.005 ug/L #	79
12) 1,2,3-Trichloropropane	10.80	75	17	0.004 ug/L #	65
13) 1,2-Dibromo-3-chloropropan	12.68	75	32	0.038 ug/L	91

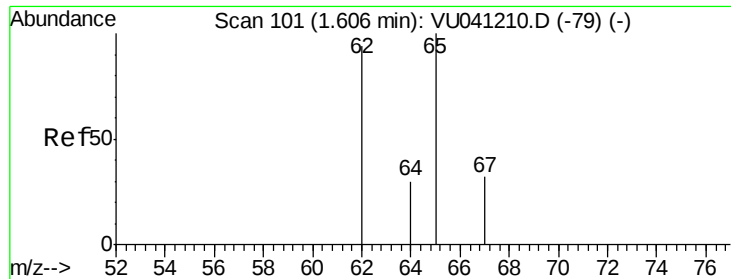
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Vinyl chloride

Concen: 0.005 ug/L

RT: 1.61 min Scan# 101

Delta R.T. -0.00 min

Lab File: VU041222.D

Acq: 13 Nov 2020 10:23

Instrument :

MSVOA_U

ClientSampled :

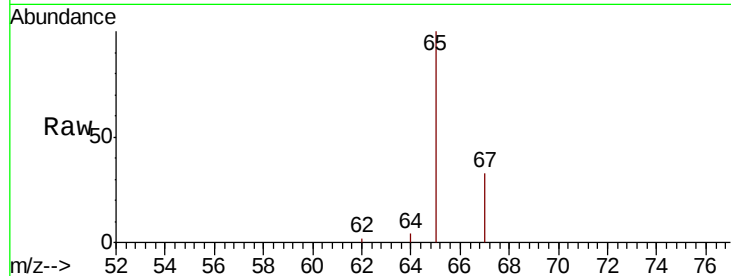
VBLK204

Tot Ion: 62 Resp: 38

Ion Ratio Lower Upper

62 100

64 156.2 23.9 44.3#



Abundance Ion 62.00 (61.70 to 62.70): VU041210.D (-79) (-)

Ion 64.00 (63.70 to 64.70): VU041210.D (-79) (-)

1.61

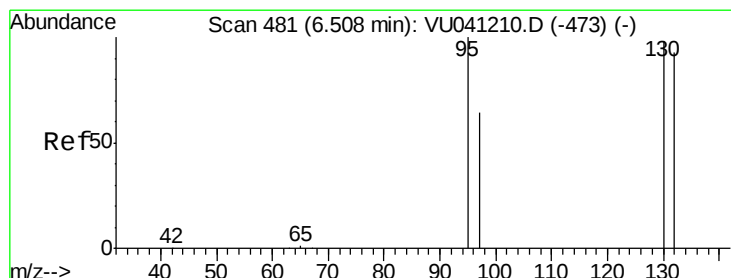
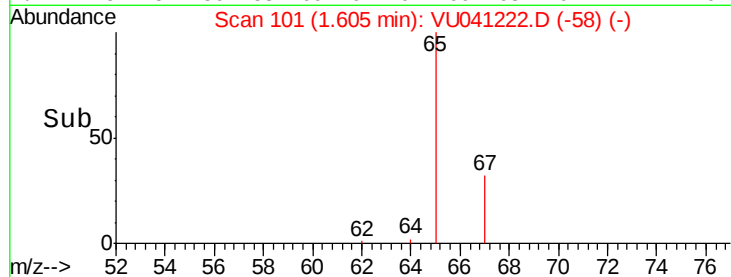
100

50

0

1.55 1.60 1.65

Time-->



#6

Trichloroethene

Concen: 0.008 ug/L

RT: 6.51 min Scan# 481

Delta R.T. -0.00 min

Lab File: VU041222.D

Acq: 13 Nov 2020 10:23

Tgt Ion: 95 Resp: 43

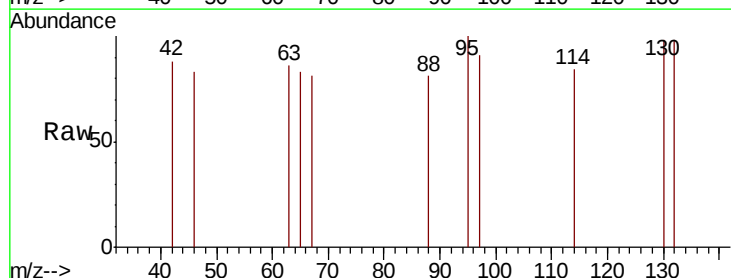
Ion Ratio Lower Upper

95 100

97 91.4 46.0 85.4#

132 98.3 65.3 121.3

130 98.3 68.7 127.7



Abundance Ion 95.00 (94.70 to 95.70): VU041210.D (-473) (-)

Ion 97.00 (96.70 to 97.70): VU041210.D (-473) (-)

Ion 132.00 (131.70 to 132.70): VU041210.D (-473) (-)

Ion 130.00 (129.70 to 130.70): VU041210.D (-473) (-)

6.51

80

60

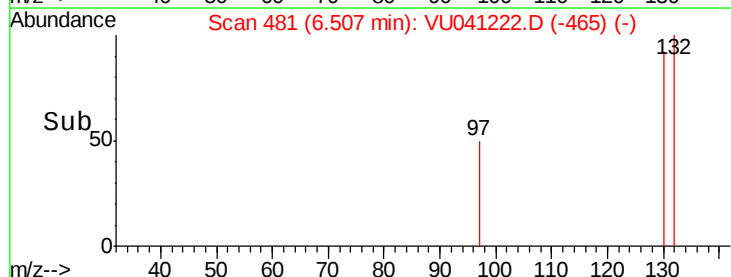
40

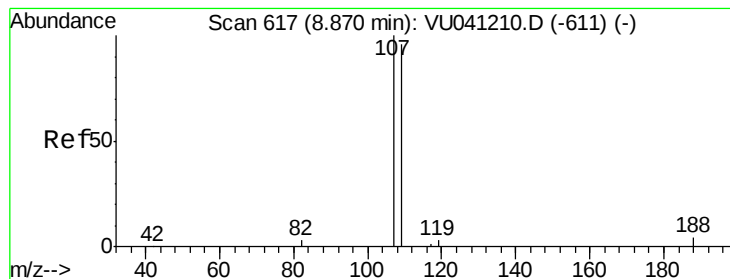
20

0

6.40 6.60 6.80

Time-->





#9

1,2-Dibromoethane

Concen: 0.005 ug/L

RT: 8.87 min Scan# 617

Delta R.T. -0.00 min

Lab File: VU041222.D

Acq: 13 Nov 2020 10:23

Instrument :

MSVOA_U

ClientSampleId :

VBLK204

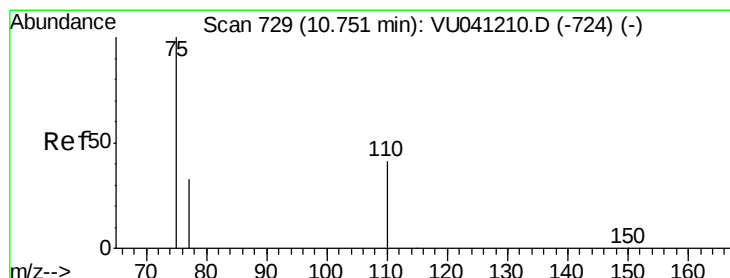
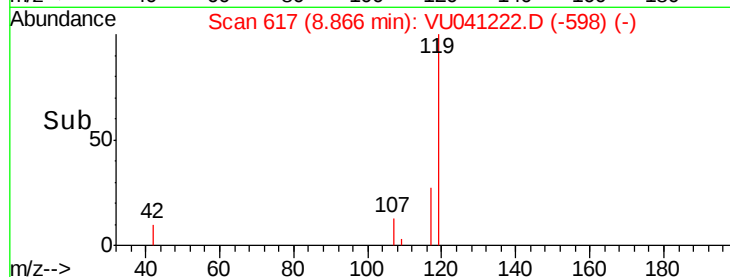
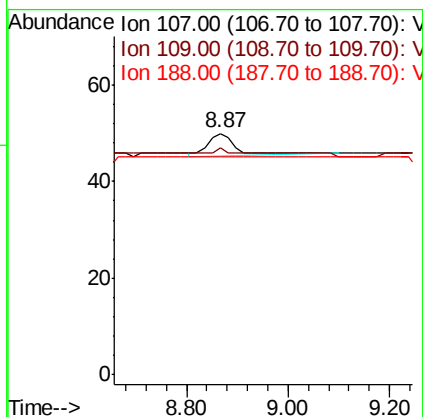
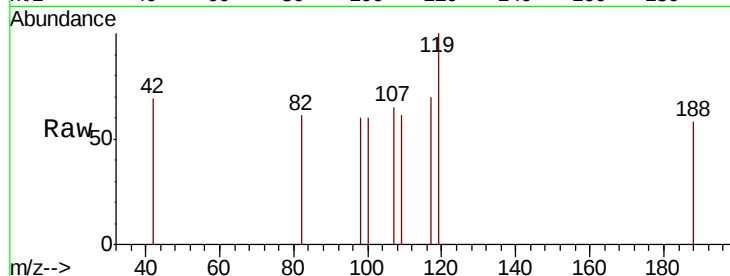
Tot Ion:107 Resp: 20

Ion Ratio Lower Upper

107 100

109 94.0 67.7 125.7

188 90.0 7.0 10.6#



#12

1,2,3-Trichloropropane

Concen: 0.004 ug/L

RT: 10.80 min Scan# 732

Delta R.T. 0.05 min

Lab File: VU041222.D

Acq: 13 Nov 2020 10:23

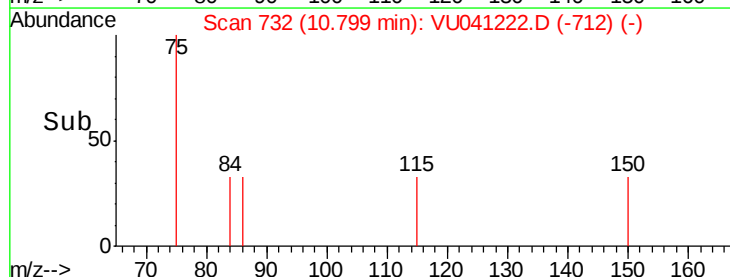
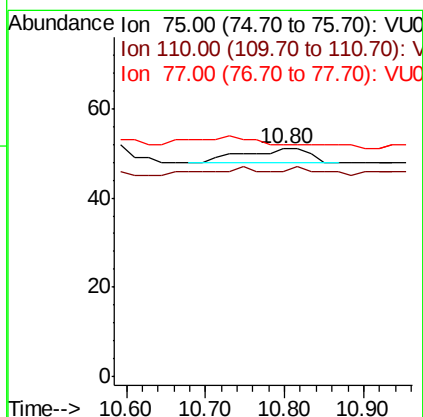
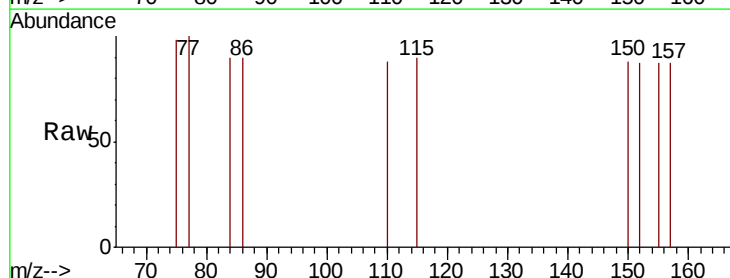
Tgt Ion: 75 Resp: 17

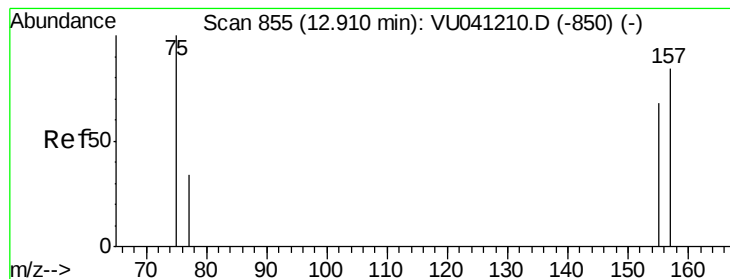
Ion Ratio Lower Upper

75 100

110 29.4 31.0 46.4#

77 0.0 26.7 40.1#





#13

1,2-Dibromo-3-chloropropane

Concen: 0.038 ug/L

RT: 12.68 min Scan# 842

Delta R.T. -0.23 min

Lab File: VU041222.D

Acq: 13 Nov 2020 10:23

Instrument :

MSVOA_U

ClientSampleId :

VBLK204

Tot Ion: 75 Resp: 32

Ion Ratio Lower Upper

75 100

157 76.3 68.7 103.1

155 79.7 58.9 88.3

