

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU010821\
 Data File : VU041867.D
 Acq On : 07 Jan 2021 11:44
 Operator : SY/MD
 Sample : VSTDCCC0.5EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 08 00:31:05 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUSIM120820.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jan 08 00:30:19 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.23	114	6282	0.50	ug/L	0.00
5) Chlorobenzene-d5	9.35	117	5872	0.50	ug/L	-0.01
11) 1,4-Dichlorobenzene-d4	11.74	152	2903	0.50	ug/L	0.00

System Monitoring Compounds

2) Vinyl Chloride-d3	1.61	65	3282	0.52	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	104.00%
4) 1,2-Dichloroethane-d4	5.68	65	3584	0.42	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	84.00%
7) 1,2-Dichloropropane-d6	6.64	67	3972	0.56	ug/L	-0.02
Spiked Amount	0.500	Range	60 - 140	Recovery	=	112.00%
8) Toluene-d8	7.83	98	6863	0.52	ug/L	-0.01
Spiked Amount	0.500	Range	70 - 130	Recovery	=	104.00%
10) 1,1,2,2-Tetrachloroethane-	10.68	84	4395	0.61	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	122.00%#

Target Compounds

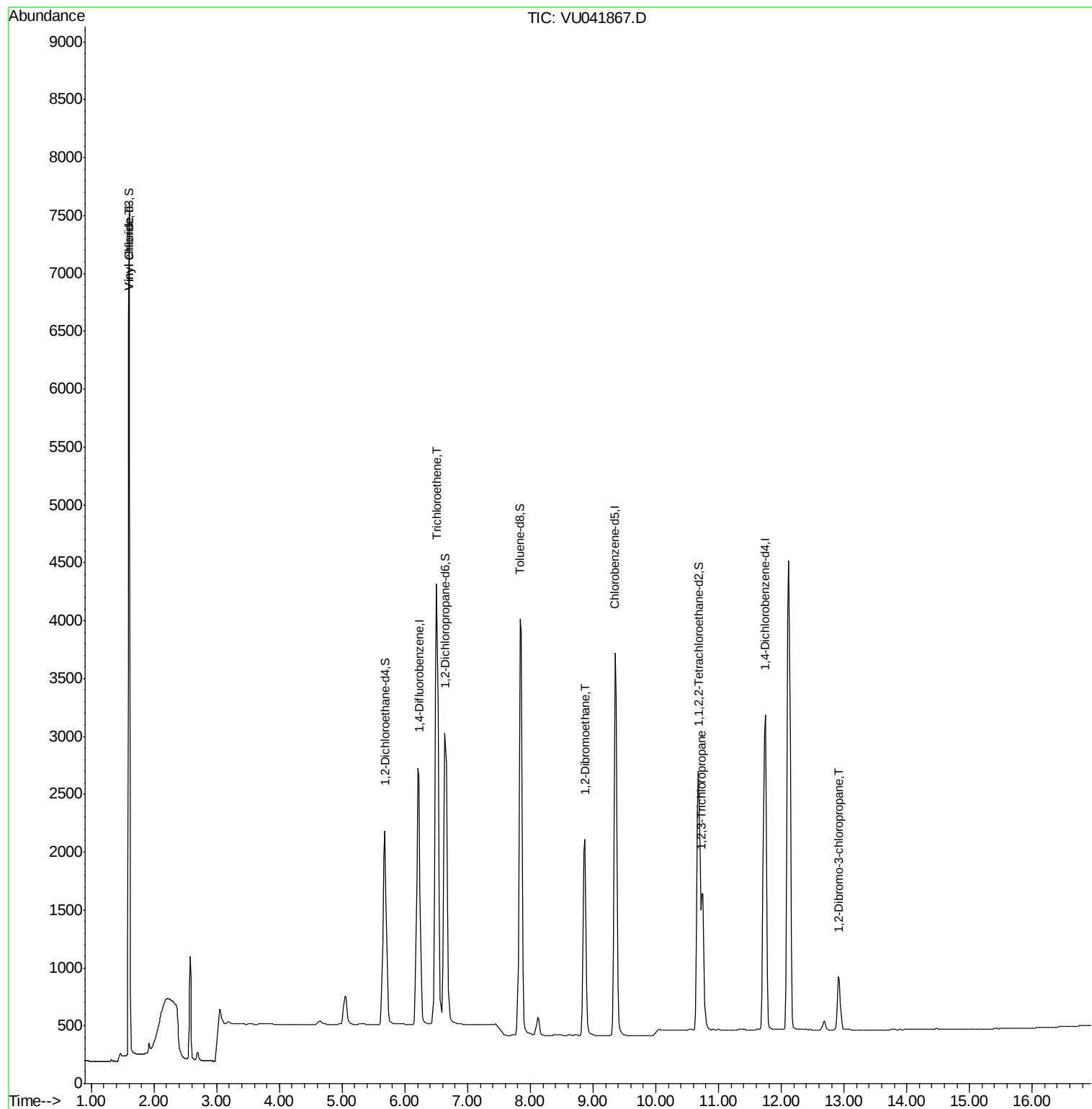
					Qvalue
3) Vinyl chloride	1.61	62	5168	0.583	ug/L # 28
6) Trichloroethene	6.51	95	3635	0.493	ug/L 99
9) 1,2-Dibromoethane	8.87	107	2722	0.516	ug/L # 93
12) 1,2,3-Trichloropropane	10.73	75	2330	0.501	ug/L 97
13) 1,2-Dibromo-3-chloropropan	12.91	75	448	0.469	ug/L # 87

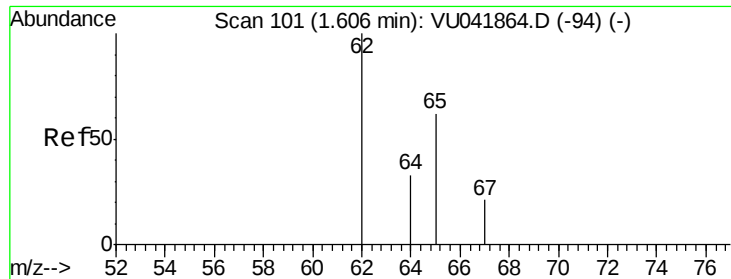
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Vinyl chloride

Concen: 0.583 ug/L

RT: 1.61 min Scan# 101

Delta R.T. -0.00 min

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Acq: 07 Jan 2021 11:44

Instrument :

MSVOA_U

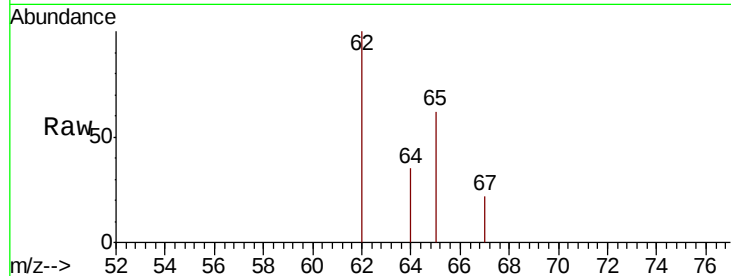
ClientSampleId :

Tot Ion: 62 Resp: 5168

Ion Ratio Lower Upper

62 100

64 35.1 78.3 145.3#



Abundance Ion 62.00 (61.70 to 62.70): VU041867.D (-94) (-)

Ion 64.00 (63.70 to 64.70): VU041867.D (-94) (-)

1.61

4000

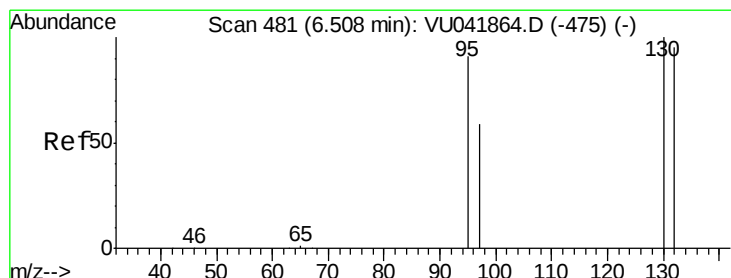
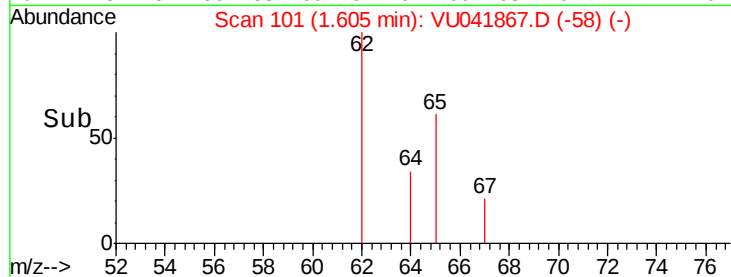
3000

2000

1000

0

Time-->



#6

Trichloroethene

Concen: 0.493 ug/L

RT: 6.51 min Scan# 481

Delta R.T. -0.00 min

Lab File: VU041867.D

Acq: 07 Jan 2021 11:44

Tgt Ion: 95 Resp: 3635

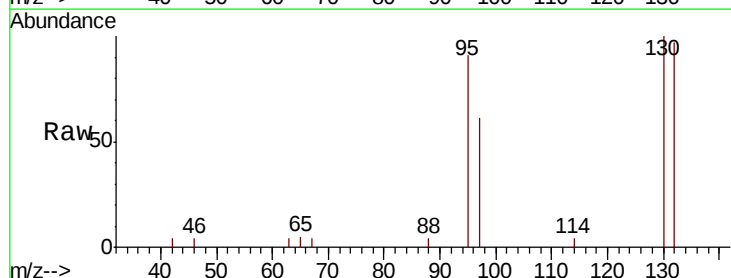
Ion Ratio Lower Upper

95 100

97 67.7 49.2 91.4

132 106.8 74.5 138.3

130 110.4 77.1 143.3



Abundance Ion 95.00 (94.70 to 95.70): VU041867.D (-475) (-)

Ion 97.00 (96.70 to 97.70): VU041867.D (-475) (-)

Ion 132.00 (131.70 to 132.70): VU041867.D (-475) (-)

Ion 130.00 (129.70 to 130.70): VU041867.D (-475) (-)

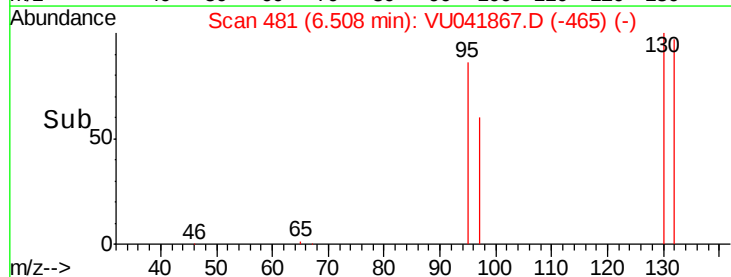
1500

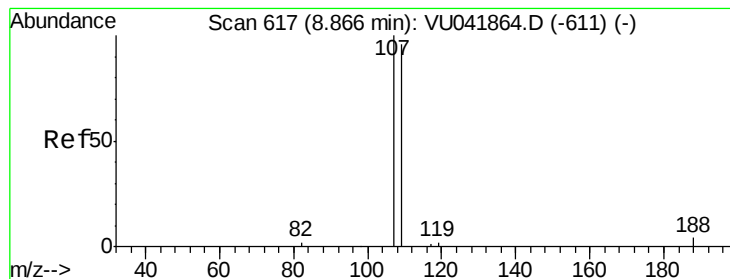
1000

500

0

Time-->





#9

1,2-Dibromoethane

Concen: 0.516 ug/L

RT: 8.87 min Scan# 617

Delta R.T. 0.00 min

Lab File: VU041867.D

Acq: 07 Jan 2021 11:44

Instrument :

MSVOA_U

ClientSampleId :

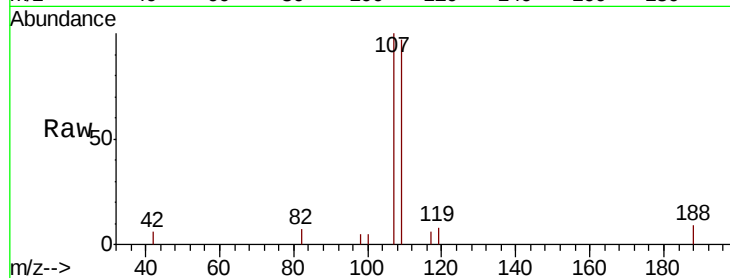
Tot Ion:107 Resp: 2722

Ion Ratio Lower Upper

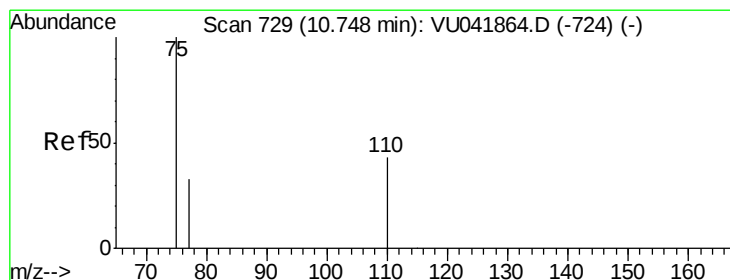
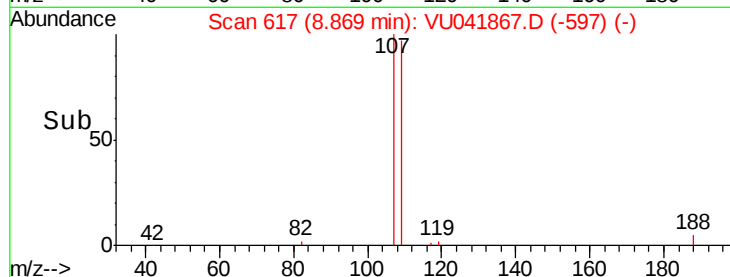
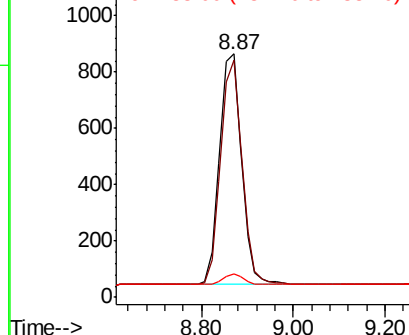
107 100

109 97.2 66.8 124.2

188 9.5 18.7 28.1#



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: 0.501 ug/L

RT: 10.73 min Scan# 728

Delta R.T. -0.01 min

Lab File: VU041867.D

Acq: 07 Jan 2021 11:44

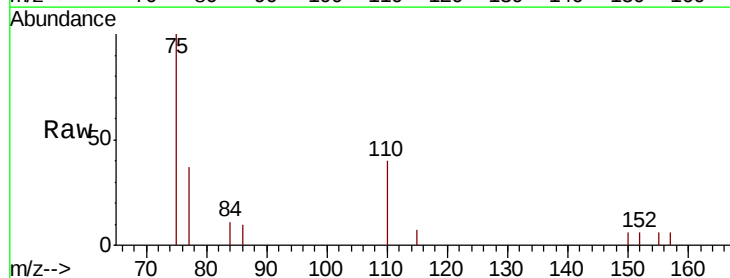
Tgt Ion: 75 Resp: 2330

Ion Ratio Lower Upper

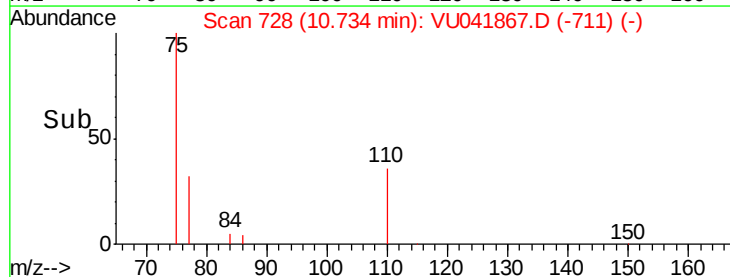
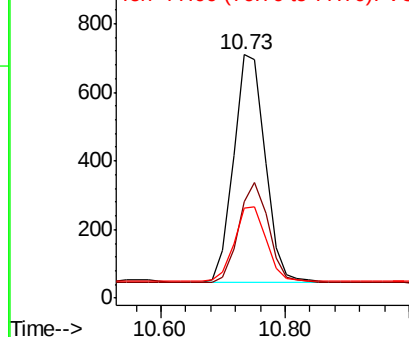
75 100

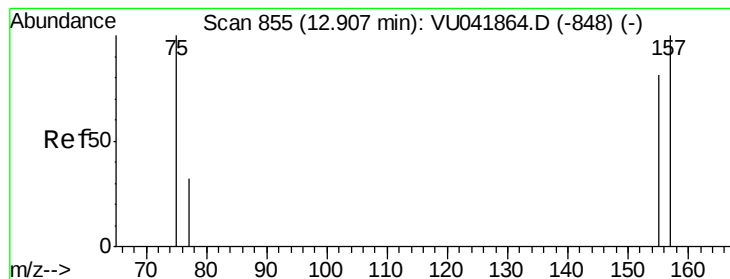
110 42.1 34.0 51.0

77 32.7 28.6 42.8



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: 0.469 ug/L

RT: 12.91 min Scan# 855

Delta R.T. 0.00 min

Lab File: VU041867.D

Acq: 07 Jan 2021 11:44

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 448

Ion Ratio Lower Upper

75 100

157 109.2 72.2 108.2#

155 90.2 68.3 102.5

