

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU120820\
 Data File : VU041501.D
 Acq On : 08 Dec 2020 16:15
 Operator : SY/MD
 Sample : L4958-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 X2S36

Quant Time: Dec 10 02:48:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUSIM120820.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Dec 10 02:42:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.23	114	7560	0.50	ug/L	0.00
5) Chlorobenzene-d5	9.36	117	6272	0.50	ug/L	0.00
11) 1,4-Dichlorobenzene-d4	11.74	152	3413	0.50	ug/L	0.00

System Monitoring Compounds

2) Vinyl Chloride-d3	1.61	65	2679	0.35	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	70.00%
4) 1,2-Dichloroethane-d4	5.68	65	3761	0.36	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	72.00%
7) 1,2-Dichloropropane-d6	6.64	67	3543	0.47	ug/L	-0.02
Spiked Amount	0.500	Range	60 - 140	Recovery	=	94.00%
8) Toluene-d8	7.85	98	5407	0.38	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	76.00%
10) 1,1,2,2-Tetrachloroethane-	10.68	84	4005	0.52	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	104.00%

Target Compounds

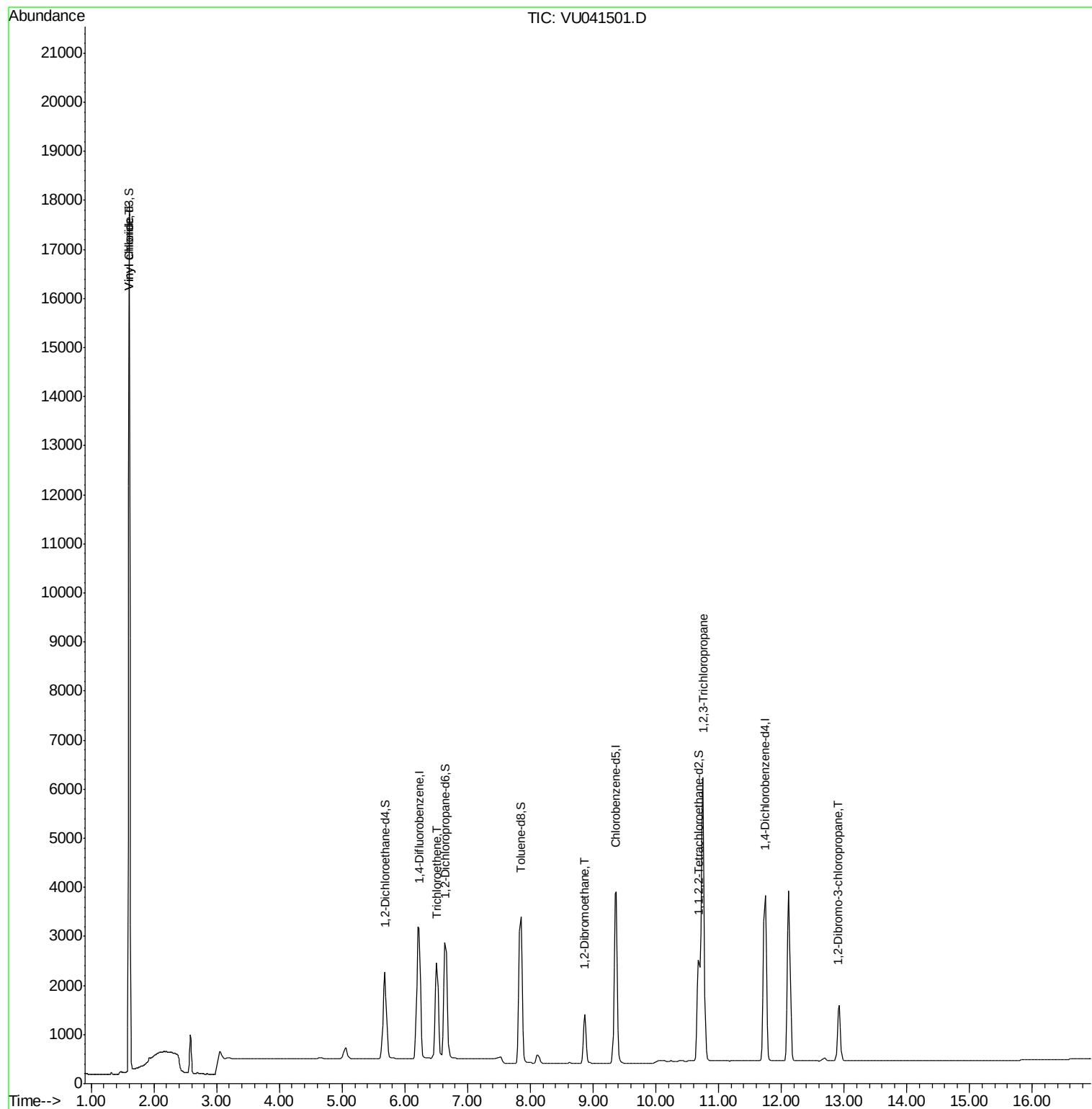
					Qvalue
3) Vinyl chloride	1.61	62	17879	1.675	ug/L 97
6) Trichloroethene	6.51	95	1890	0.240	ug/L 94
9) 1,2-Dibromoethane	8.87	107	1550	0.275	ug/L # 97
12) 1,2,3-Trichloropropane	10.75	75	10974	2.007	ug/L 99
13) 1,2-Dibromo-3-chloropropan	12.91	75	1246	1.110	ug/L 95

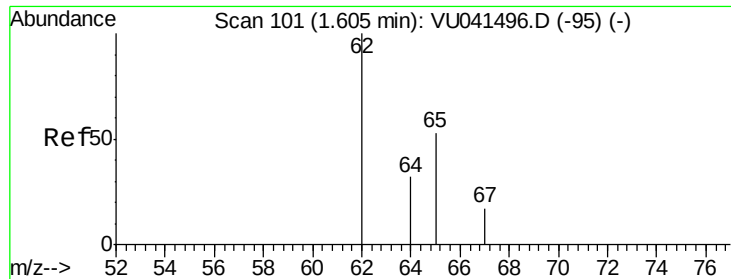
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Vinyl chloride

Concen: 1.675 ug/L

RT: 1.61 min Scan# 101

Delta R.T. 0.00 min

Lab File: VU041501.D

Acq: 08 Dec 2020 16:15

Instrument :

MSVOA_U

ClientSampled :

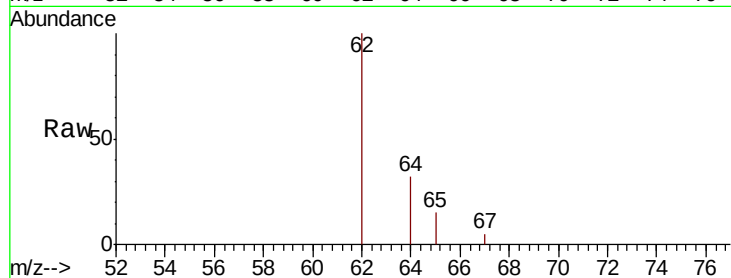
X2S36

Tot Ion: 62 Resp: 17879

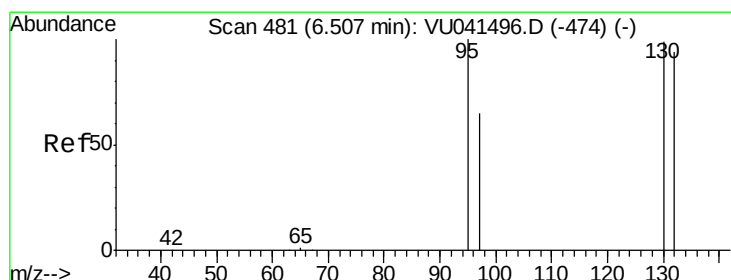
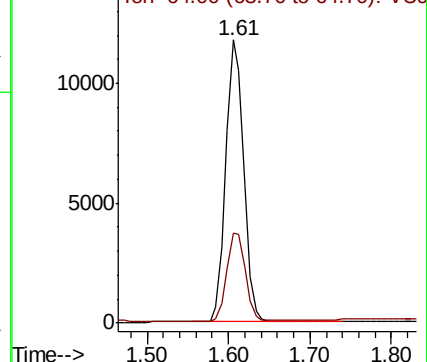
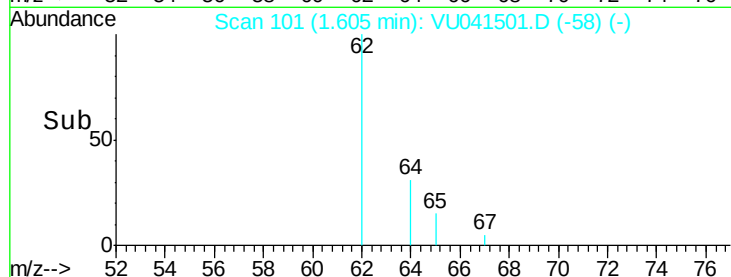
Ion Ratio Lower Upper

62 100

64 31.6 23.5 43.7



Abundance Ion 62.00 (61.70 to 62.70): VU041501.D (-58) (-)



#6

Trichloroethene

Concen: 0.240 ug/L

RT: 6.51 min Scan# 481

Delta R.T. 0.00 min

Lab File: VU041501.D

Acq: 08 Dec 2020 16:15

Tgt Ion: 95 Resp: 1890

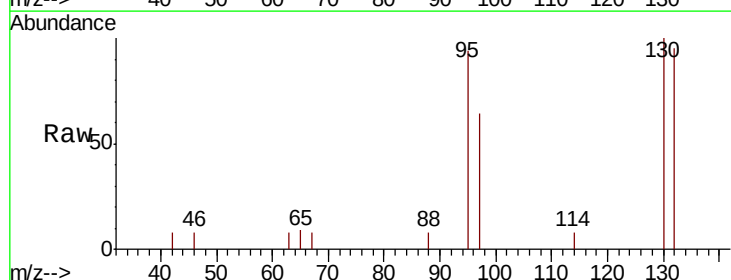
Ion Ratio Lower Upper

95 100

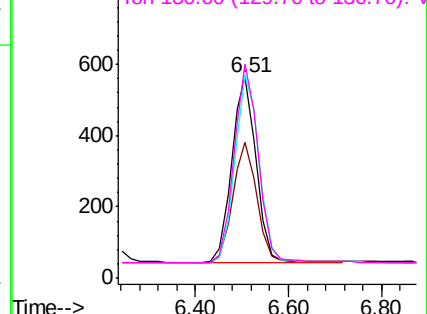
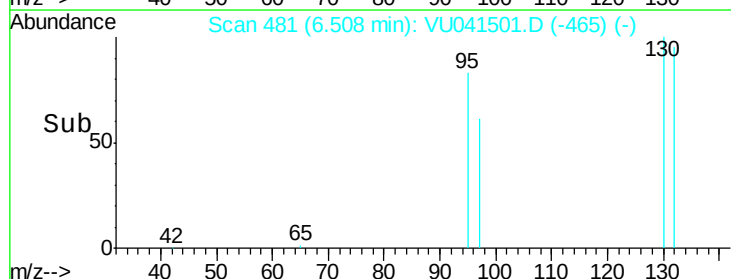
97 67.7 46.2 85.8

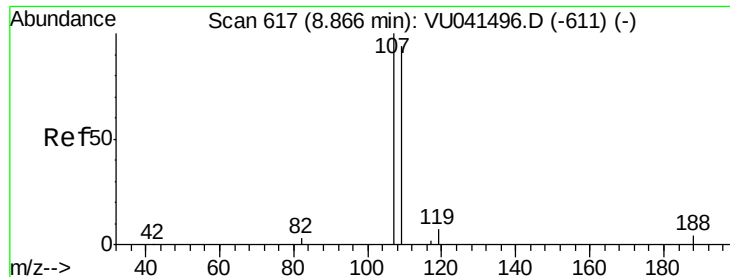
132 101.4 66.0 122.6

130 106.6 69.4 128.8



Abundance Ion 95.00 (94.70 to 95.70): VU041501.D (-465) (-)





#9

1,2-Dibromoethane

Concen: 0.275 ug/L

RT: 8.87 min Scan# 617

Delta R.T. 0.00 min

Lab File: VU041501.D

Acq: 08 Dec 2020 16:15

Instrument :

MSVOA_U

ClientSampleId :

X2S36

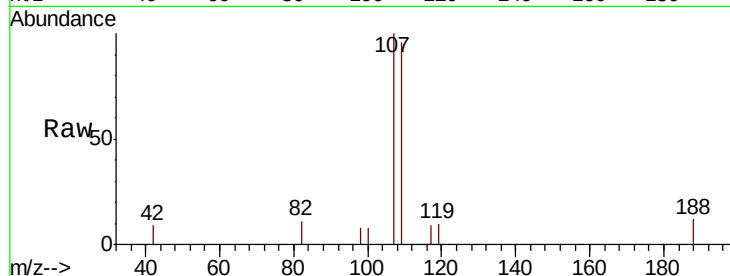
Tot Ion:107 Resp: 1550

Ion Ratio Lower Upper

107 100

109 96.3 66.1 122.7

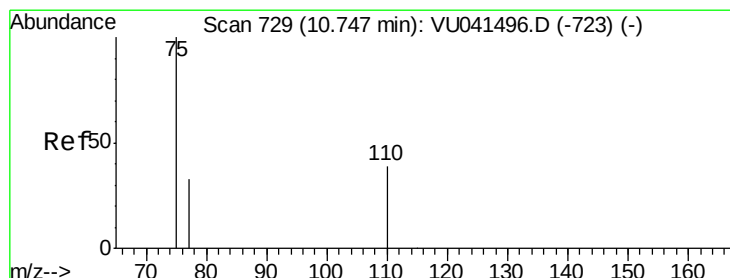
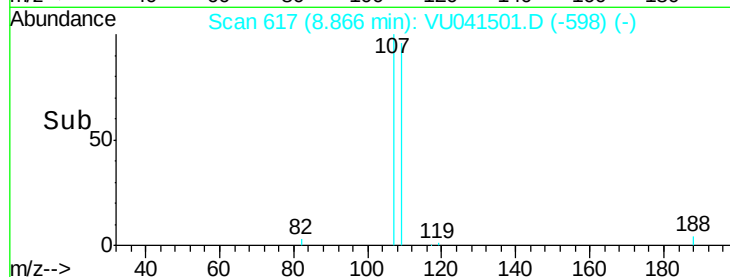
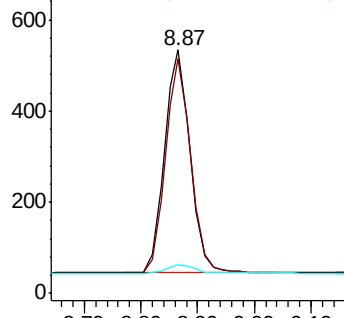
188 11.8 6.3 9.5#



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: 2.007 ug/L

RT: 10.75 min Scan# 729

Delta R.T. 0.00 min

Lab File: VU041501.D

Acq: 08 Dec 2020 16:15

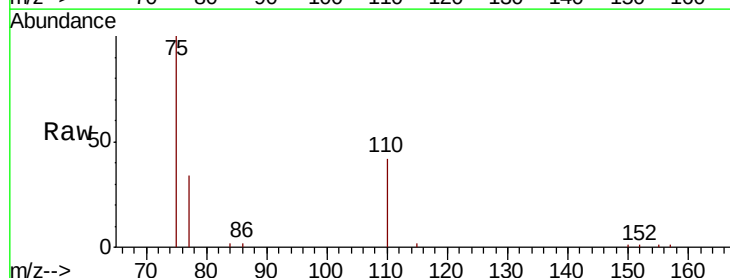
Tgt Ion: 75 Resp: 10974

Ion Ratio Lower Upper

75 100

110 39.6 30.7 46.1

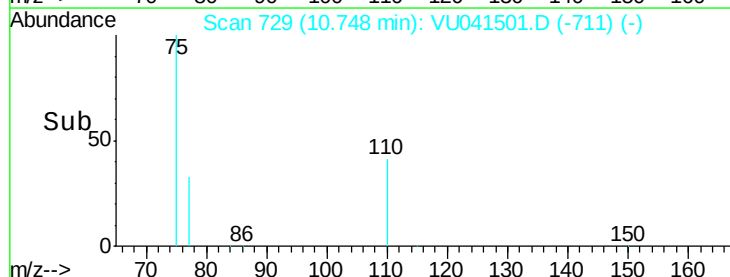
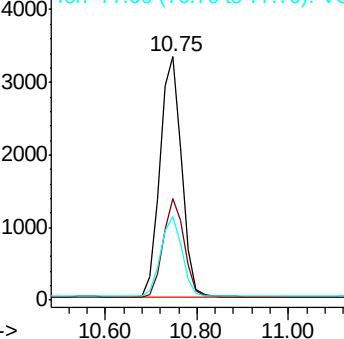
77 32.6 26.1 39.1

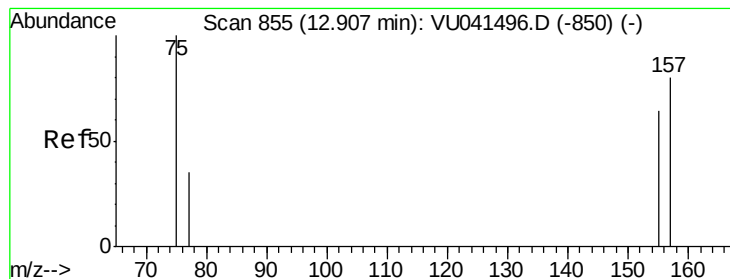


Abundance Ion 75.00 (74.70 to 75.70): VU0

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: 1.110 ug/L

RT: 12.91 min Scan# 855

Delta R.T. 0.00 min

Lab File: VU041501.D

Acq: 08 Dec 2020 16:15

Instrument :

MSVOA_U

ClientSampleId :

X2S36

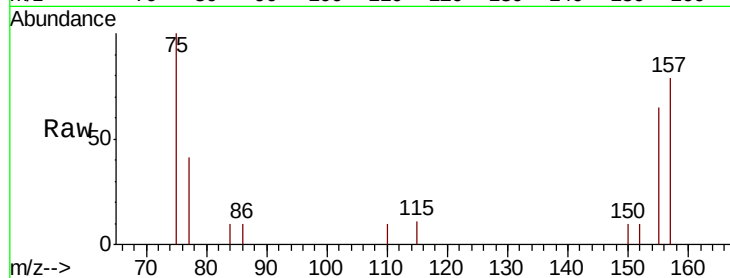
Tot Ion: 75 Resp: 1246

Ion Ratio Lower Upper

75 100

157 78.8 65.8 98.6

155 65.1 56.3 84.5



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

