

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU010621\
 Data File : VU041856.D
 Acq On : 06 Jan 2021 10:50
 Operator : SY/MD
 Sample : L5214-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 07 00:42:20 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUSIM120820.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jan 07 00:41:32 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.23	114	6262	0.50	ug/L	0.00
5) Chlorobenzene-d5	9.36	117	5848	0.50	ug/L	0.00
11) 1,4-Dichlorobenzene-d4	11.74	152	2849	0.50	ug/L	0.00

System Monitoring Compounds

2) Vinyl Chloride-d3	1.60	65	3147	0.50	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	100.00%
4) 1,2-Dichloroethane-d4	5.68	65	3480	0.41	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	82.00%
7) 1,2-Dichloropropane-d6	6.64	67	3794	0.54	ug/L	0.00
Spiked Amount	0.500	Range	60 - 140	Recovery	=	108.00%
8) Toluene-d8	7.85	98	6614	0.51	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	102.00%
10) 1,1,2,2-Tetrachloroethane-	10.68	84	4287	0.59	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	118.00%

Target Compounds

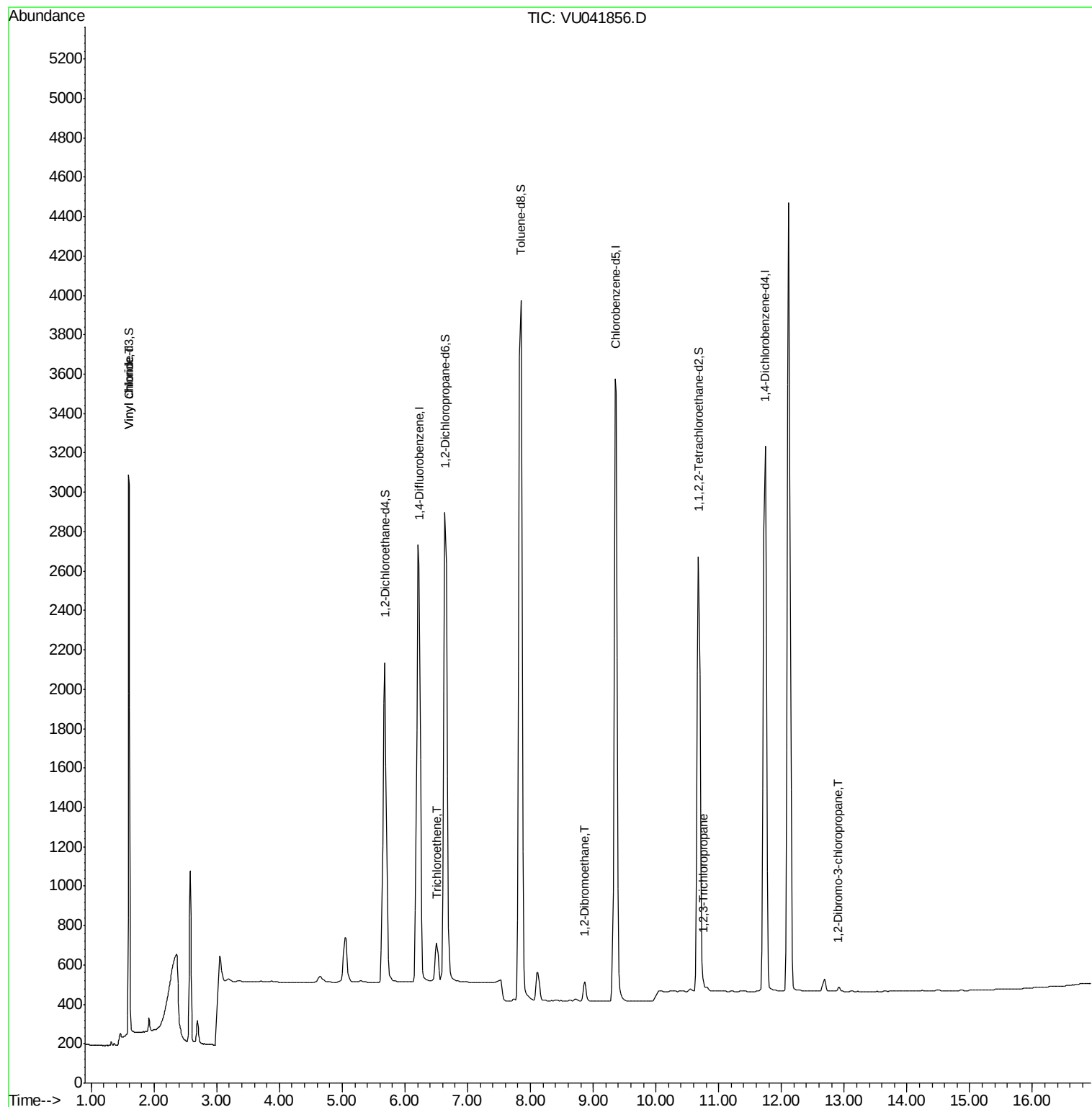
					Qvalue
3) Vinyl chloride	1.61	62	270	0.031	ug/L 72
6) Trichloroethene	6.51	95	183	0.025	ug/L 94
9) 1,2-Dibromoethane	8.87	107	133	0.025	ug/L # 86
12) 1,2,3-Trichloropropane	10.75	75	132	0.029	ug/L # 93
13) 1,2-Dibromo-3-chloropropan	12.91	75	17	0.018	ug/L 94

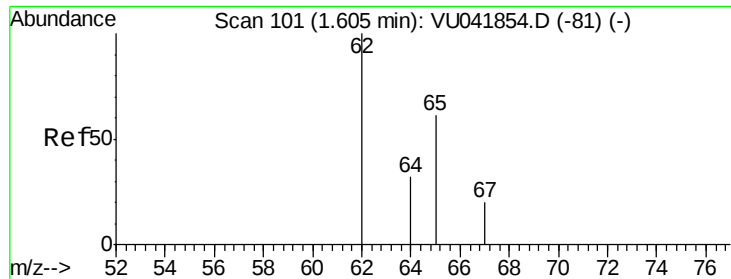
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Vinyl chloride

Concen: 0.031 ug/L

RT: 1.61 min Scan# 101

Delta R.T. 0.00 min

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MSVOA_U

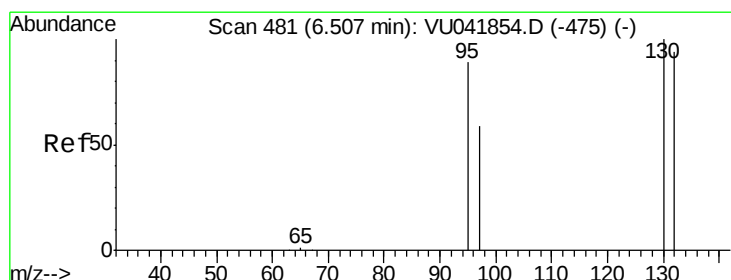
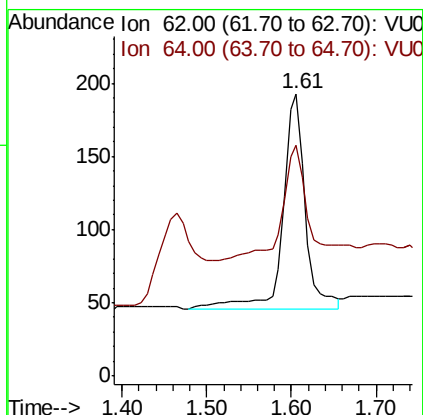
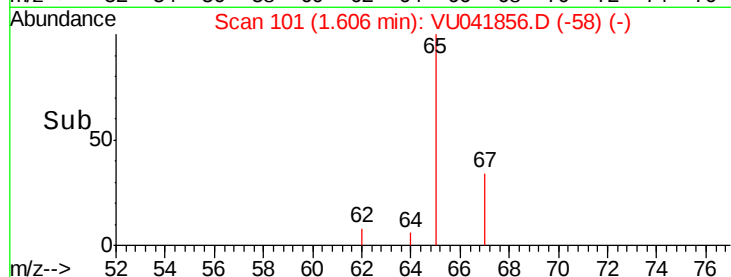
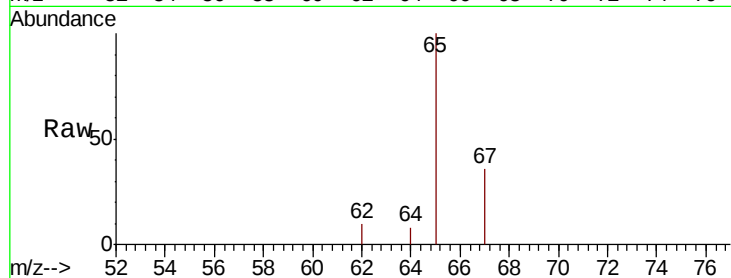
ClientSampled :

Tot Ion: 62 Resp: 270

Ion Ratio Lower Upper

62 100

64 81.9 78.3 145.3



#6

Trichloroethene

Concen: 0.025 ug/L

RT: 6.51 min Scan# 481

Delta R.T. 0.00 min

Lab File: VU041856.D

Acq: 06 Jan 2021 10:50

Tgt Ion: 95 Resp: 183

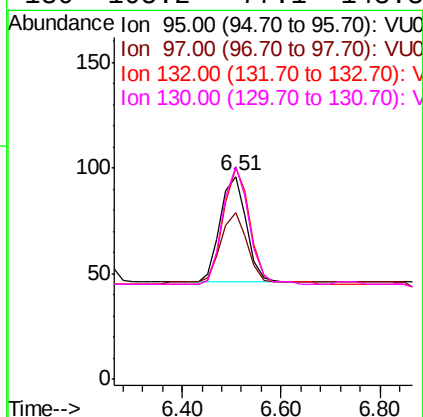
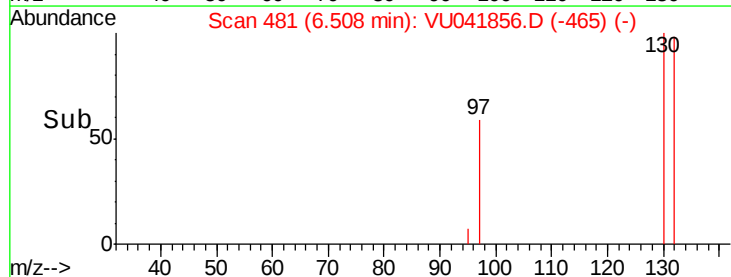
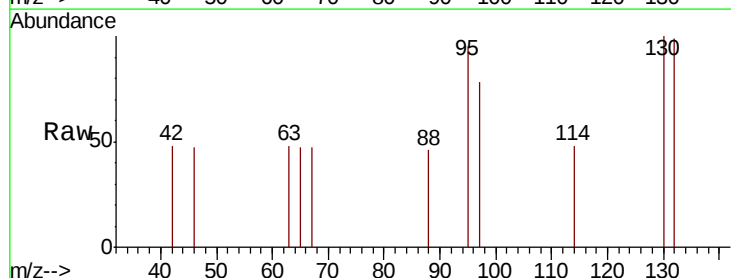
Ion Ratio Lower Upper

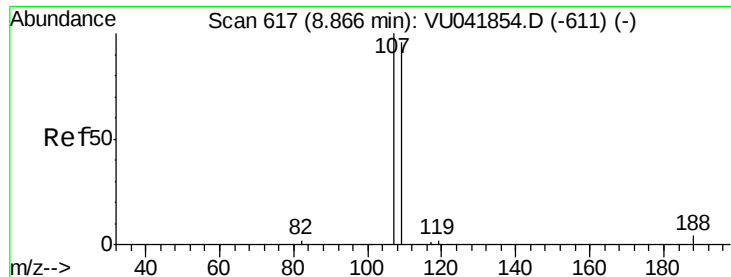
95 100

97 82.3 49.2 91.4

132 104.2 74.5 138.3

130 105.2 77.1 143.3





#9

1,2-Dibromoethane

Concen: 0.025 ug/L

RT: 8.87 min Scan# 617

Delta R.T. 0.00 min

Lab File: VU041856.D

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Instrument :

MSVOA_U

ClientSampleId :

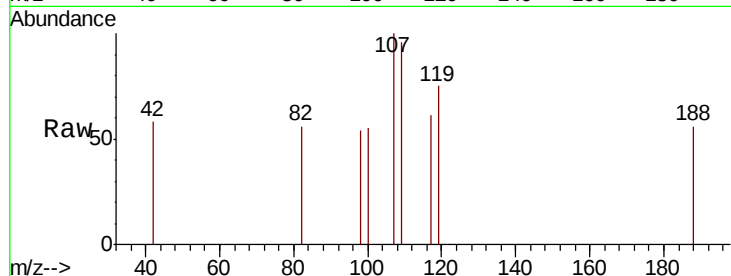
Tot Ion: 107 Resp: 133

Ion Ratio Lower Upper

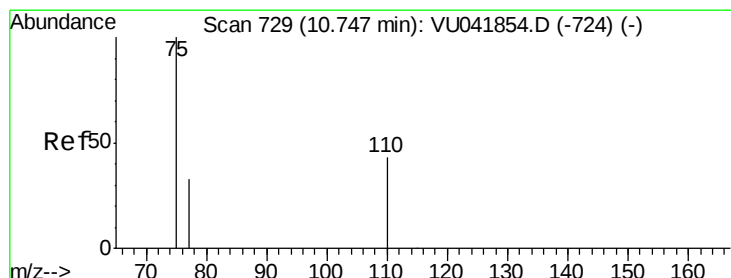
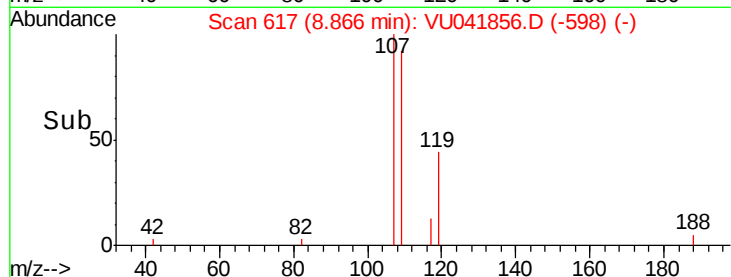
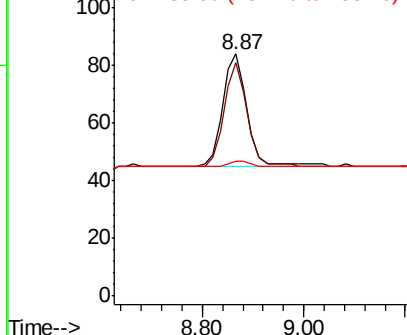
107 100

109 96.4 66.8 124.2

188 56.0 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: 0.029 ug/L

RT: 10.75 min Scan# 729

Delta R.T. 0.00 min

Lab File: VU041856.D

Acq: 06 Jan 2021 10:50

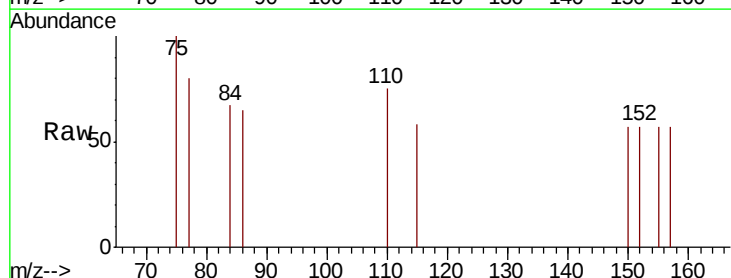
Tgt Ion: 75 Resp: 132

Ion Ratio Lower Upper

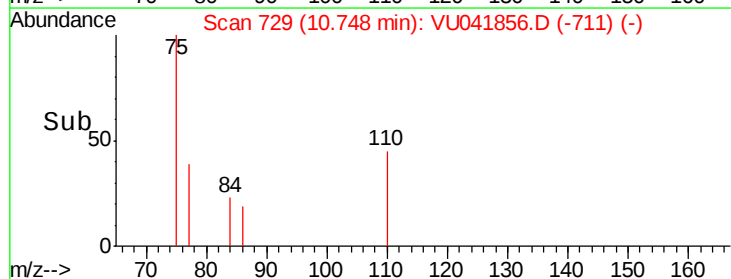
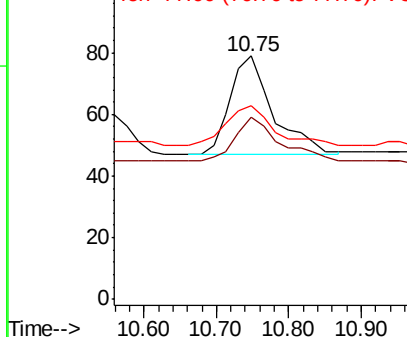
75 100

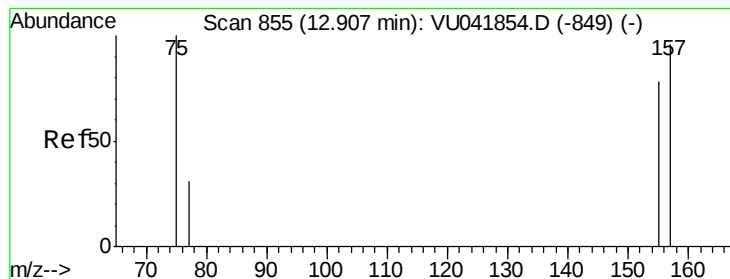
110 43.9 34.0 51.0

77 43.2 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: 0.018 ug/L

RT: 12.91 min Scan# 855

Delta R.T. 0.00 min

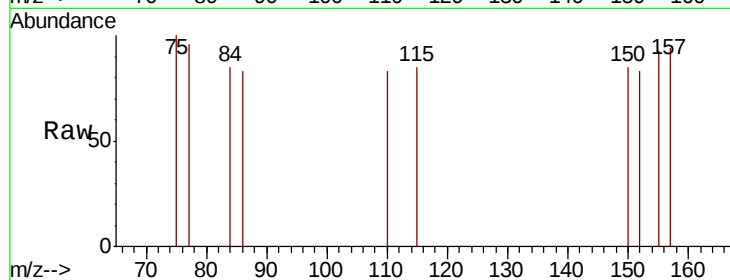
Lab File: VU041856.D

Acq: 06 Jan 2021 10:50

Instrument :

MSVOA_U

ClientSampleId :



Tot Ion: 75 Resp: 17

Ion Ratio Lower Upper

75 100

157 94.4 72.2 108.2

155 92.6 68.3 102.5

