

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111820\
 Data File : VU041313.D
 Acq On : 18 Nov 2020 11:23
 Operator : SY/MD
 Sample : L4485-14
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-07

Quant Time: Nov 18 11:48:03 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	5263	0.50	ug/L	0.00
5) Chlorobenzene-d5	9.36	117	5221	0.50	ug/L	0.01
11) 1,4-Dichlorobenzene-d4	11.74	152	2544	0.50	ug/L	0.00

System Monitoring Compounds

2) Vinyl Chloride-d3	1.61	65	3997	0.50	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	100.00%
4) 1,2-Dichloroethane-d4	5.68	65	3671	0.46	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	92.00%
7) 1,2-Dichloropropane-d6	6.66	67	3141	0.49	ug/L	0.00
Spiked Amount	0.500	Range	60 - 140	Recovery	=	98.00%
8) Toluene-d8	7.85	98	4863	0.47	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	94.00%
10) 1,1,2,2-Tetrachloroethane-	10.68	84	2935	0.46	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	92.00%

Target Compounds

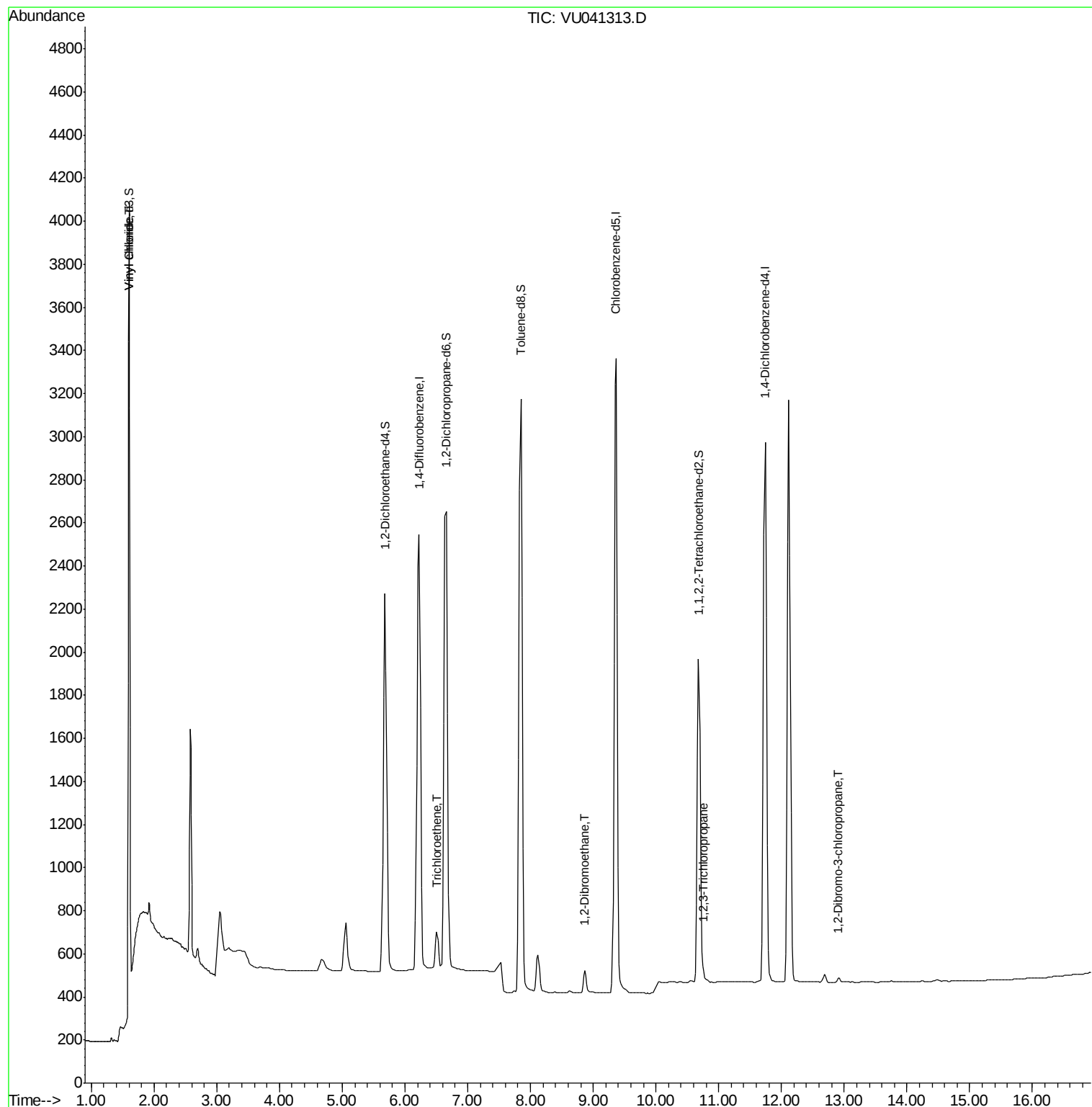
					Qvalue
3) Vinyl chloride	1.61	62	221	0.029 ug/L #	1
6) Trichloroethene	6.51	95	175	0.032 ug/L	94
9) 1,2-Dibromoethane	8.87	107	128	0.031 ug/L #	89
12) 1,2,3-Trichloropropane	10.75	75	123	0.032 ug/L	95
13) 1,2-Dibromo-3-chloropropan	12.91	75	22	0.027 ug/L #	89

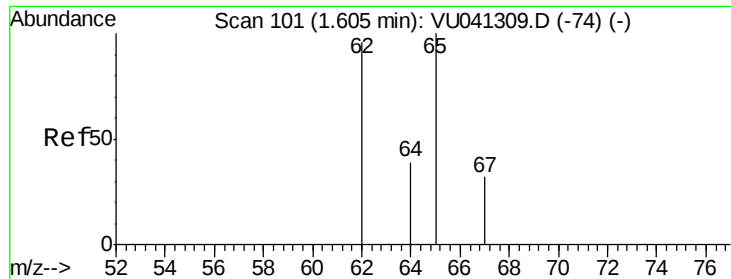
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU111820\
Data File : VU041313.D
Acq On : 18 Nov 2020 11:23
Operator : SY/MD
Sample : L4485-14
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-07

Quant Time: Nov 18 11:48:03 2020
Quant Method : Z:\V0ASRV\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





#3

Vinyl chloride

Concen: 0.029 ug/L

RT: 1.61 min Scan# 101

Delta R.T. -0.00 min

Lab File: VU041313.D

Acq: 18 Nov 2020 11:23

Instrument :

MSVOA_U

ClientSampleId :

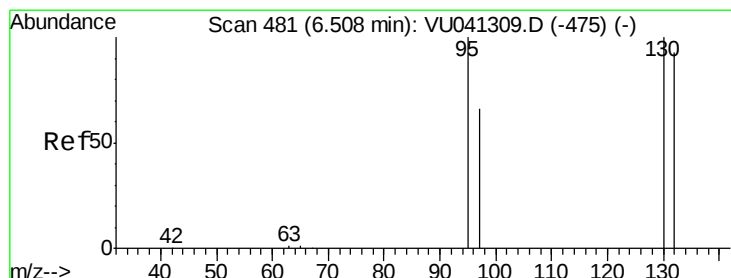
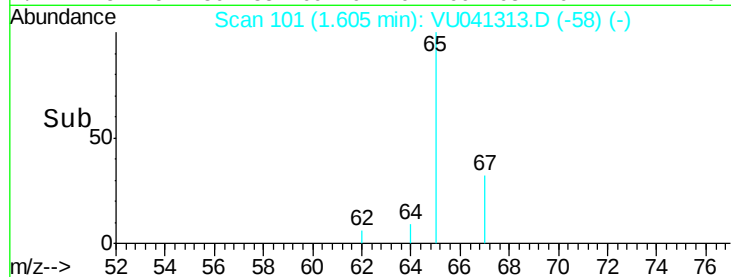
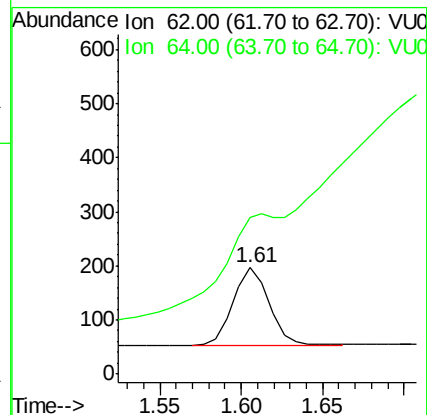
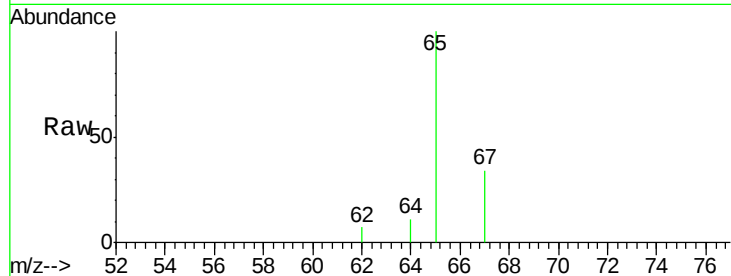
MDL-WATER-07

Tot Ion: 62 Resp: 221

Ion Ratio Lower Upper

62 100

64 148.0 23.9 44.3#



#6

Trichloroethene

Concen: 0.032 ug/L

RT: 6.51 min Scan# 481

Delta R.T. -0.00 min

Lab File: VU041313.D

Acq: 18 Nov 2020 11:23

Tgt Ion: 95 Resp: 175

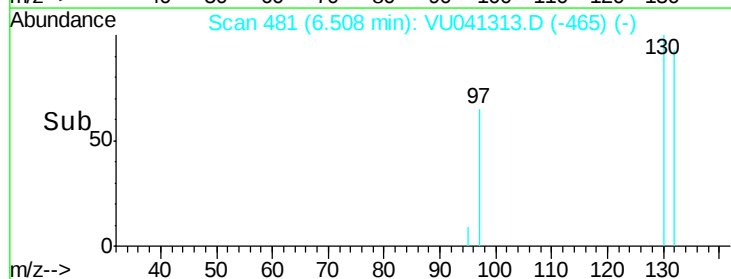
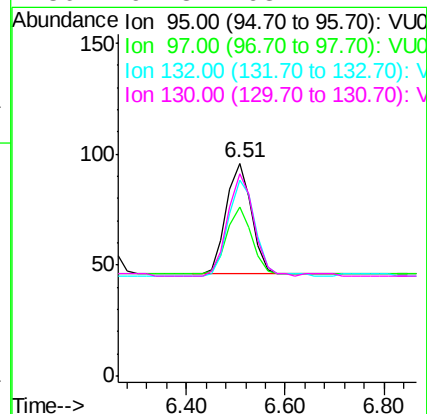
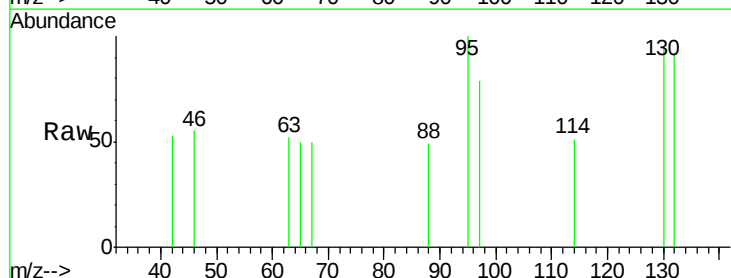
Ion Ratio Lower Upper

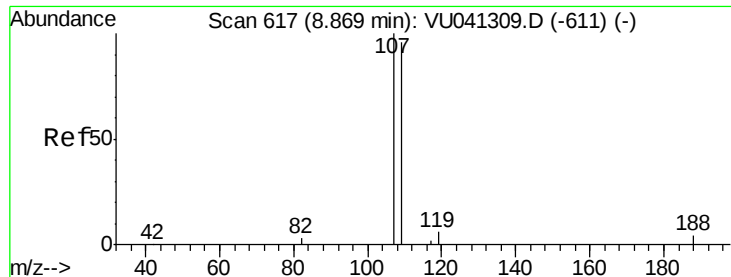
95 100

97 79.2 46.0 85.4

132 91.7 65.3 121.3

130 94.8 68.7 127.7





#9

1,2-Dibromoethane

Concen: 0.031 ug/L

RT: 8.87 min Scan# 617

Delta R.T. -0.00 min

Lab File: VU041313.D

Acq: 18 Nov 2020 11:23

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-07

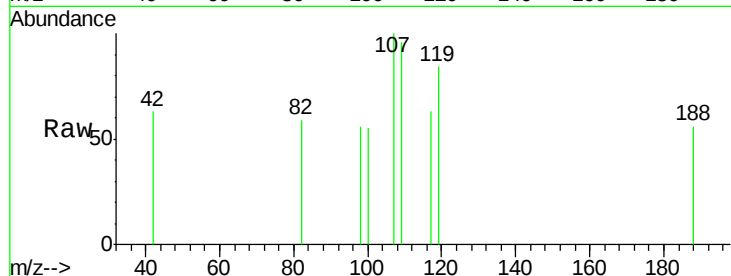
Tot Ion:107 Resp: 128

Ion Ratio Lower Upper

107 100

109 96.3 67.7 125.7

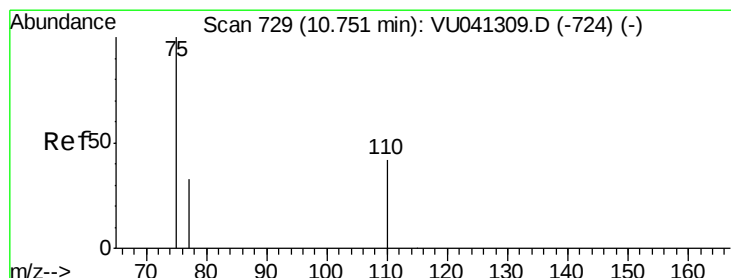
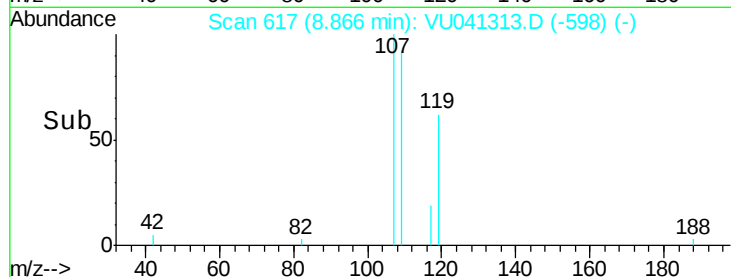
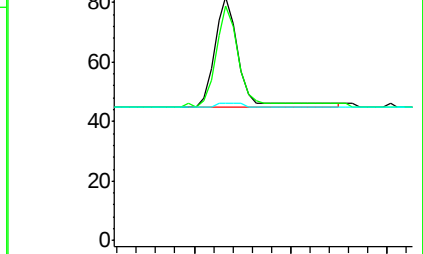
188 56.1 7.0 10.6#



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: 0.032 ug/L

RT: 10.75 min Scan# 729

Delta R.T. -0.00 min

Lab File: VU041313.D

Acq: 18 Nov 2020 11:23

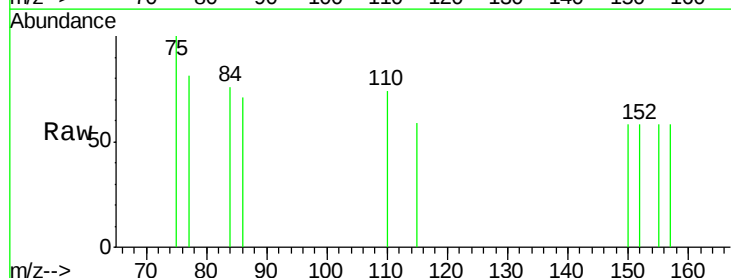
Tgt Ion: 75 Resp: 123

Ion Ratio Lower Upper

75 100

110 43.9 31.0 46.4

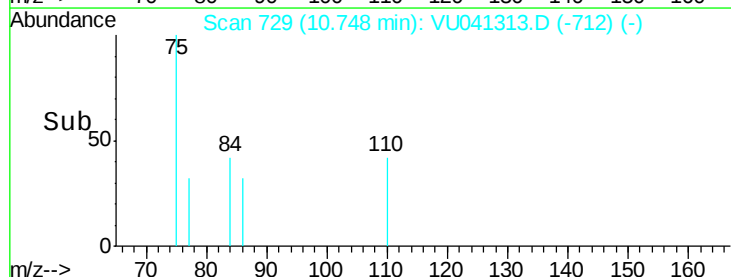
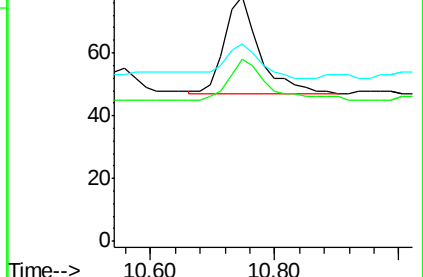
77 34.1 26.7 40.1

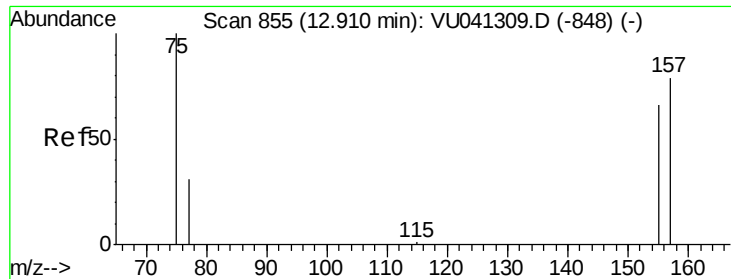


Abundance Ion 75.00 (74.70 to 75.70): VU0

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: 0.027 ug/L

RT: 12.91 min Scan# 855

Delta R.T. -0.00 min

Lab File: VU041313.D

Acq: 18 Nov 2020 11:23

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-07

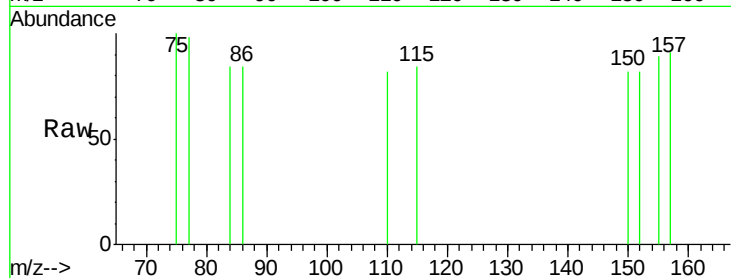
Tot Ion: 75 Resp: 22

Ion Ratio Lower Upper

75 100

157 90.9 68.7 103.1

155 89.1 58.9 88.3#



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

