Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111320\
Data File : VU041226.D
Acq On : 13 Nov 2020 12:47
Operator : SY/MD
Sample : L4485-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MDL-WATER-05

Quant Time: Nov 17 01:17:56 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	5863	0.50	ug/L	0.00
5) Chlorobenzene-d5	9.36	117	5284	0.50	ug/L	0.01
11) 1,4-Dichlorobenzene-d4	11.74	152	2860	0.50	ug/L	0.00
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.61	65	4880	0.55	ug/L	0.00
Spiked Amount 0.500	Range 40 - 130		Recovery = 110.00%			
4) 1,2-Dichloroethane-d4	5.68	65	4167	0.47	ug/L	0.00
Spiked Amount 0.500	Range 70 - 130		Recovery = 94.00%			
7) 1,2-Dichloropropane-d6	6.66	67	4237	0.65	ug/L	0.00
Spiked Amount 0.500	Range 60 - 140		Recovery = 130.00%			
8) Toluene-d8	7.85	98	5745	0.54	ug/L	0.00
Spiked Amount 0.500	Range 70 - 130		Recovery = 108.00%			
10) 1,1,2,2-Tetrachloroethane-	10.68	84	3725	0.58	ug/L	0.00
Spiked Amount 0.500	Range 65 - 120		Recovery = 116.00%			
Target Compounds						Qvalue
3) Vinyl chloride	1.61	62	212	0.025	ug/L #	16
6) Trichloroethene	6.51	95	180	0.032	ug/L	93
9) 1,2-Dibromoethane	8.87	107	96	0.023	ug/L #	87
12) 1,2,3-Trichloropropane	10.75	75	106	0.024	ug/L #	92
13) 1,2-Dibromo-3-chloropropan	12.91	75	26m	0.028	ug/L	

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

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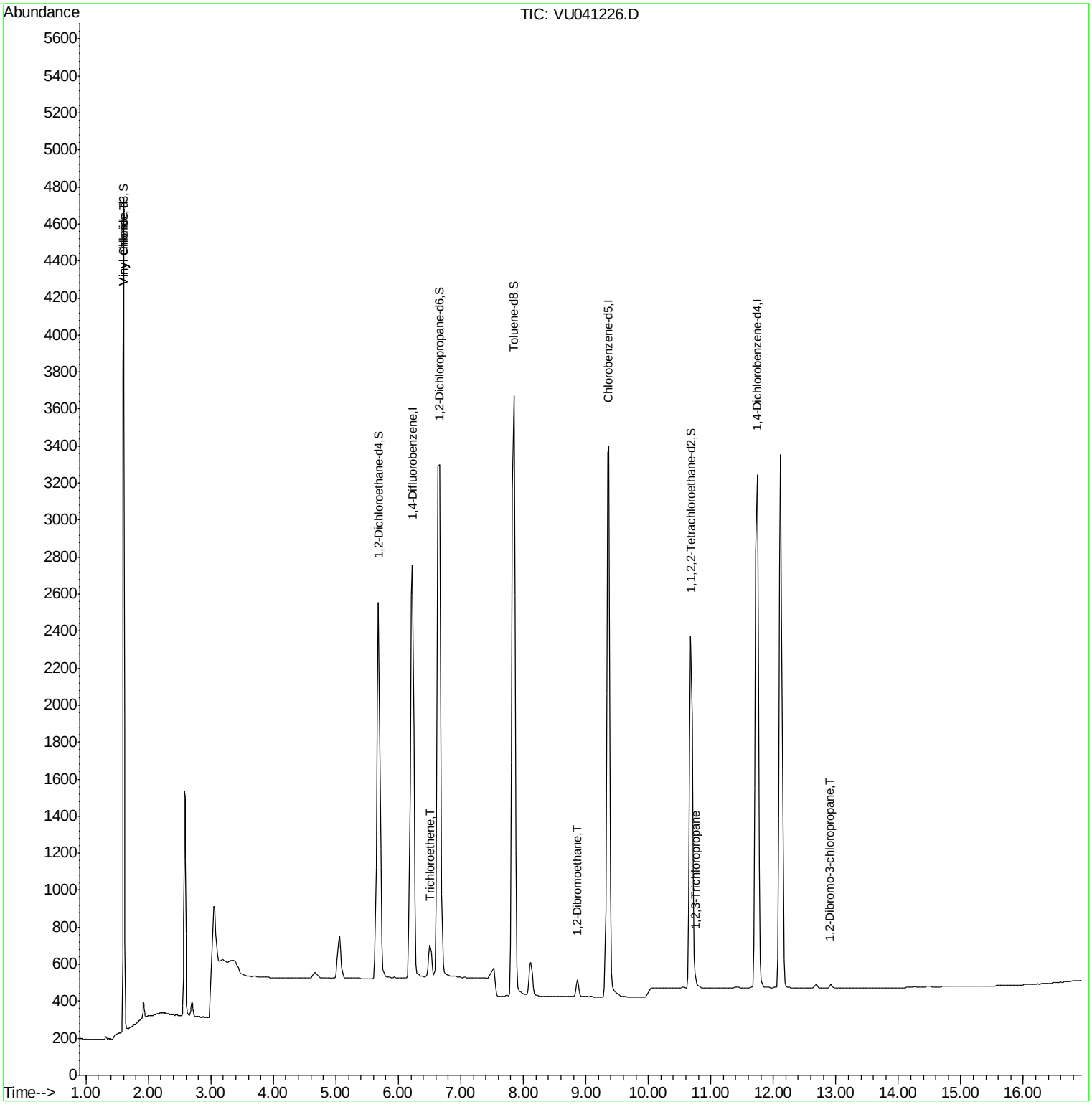
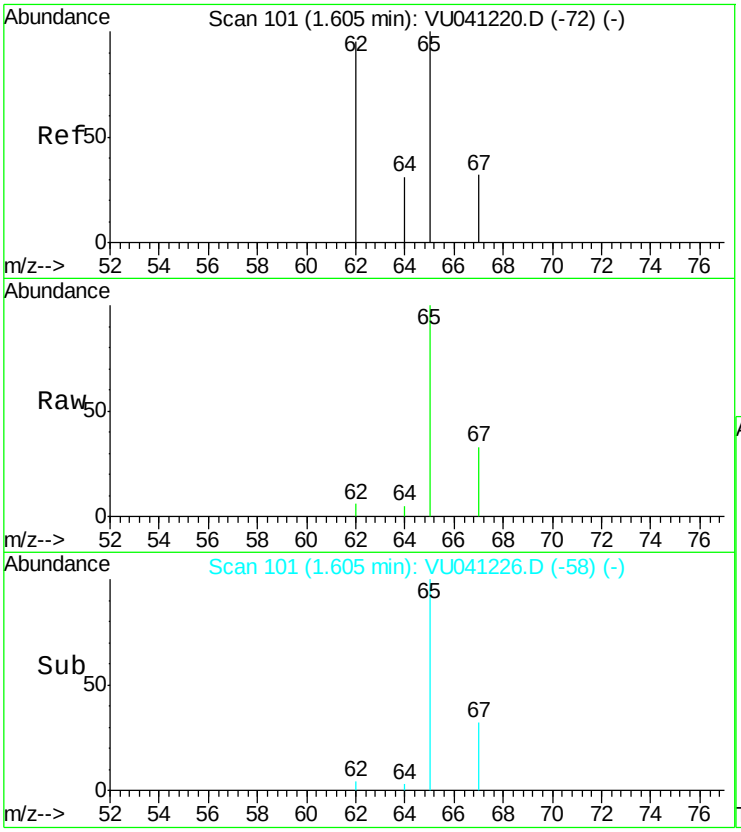


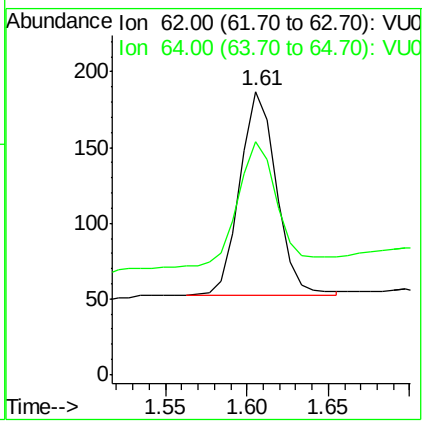


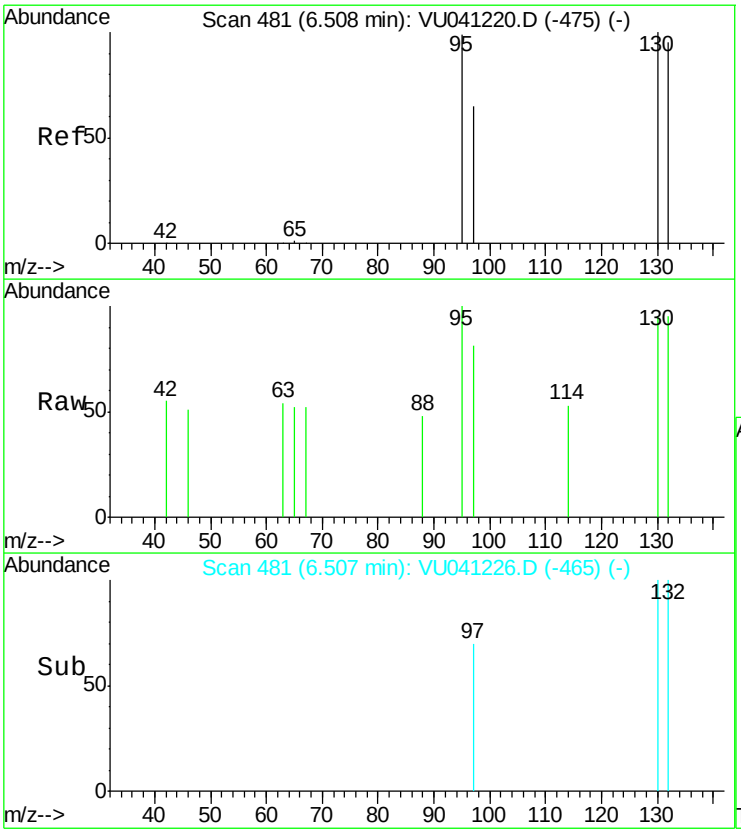
#3
Vinyl chloride
Concen: 0.025 ug/L
RT: 1.61 min Scan# 101
Delta R.T. -0.00 min
Lab File: VU041226.D
Acq: 13 Nov 2020 12:47

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-05

Tgt Ion: 62 Resp: 212

Ion	Ratio	Lower	Upper
62	100		
64	82.4	23.9	44.3#

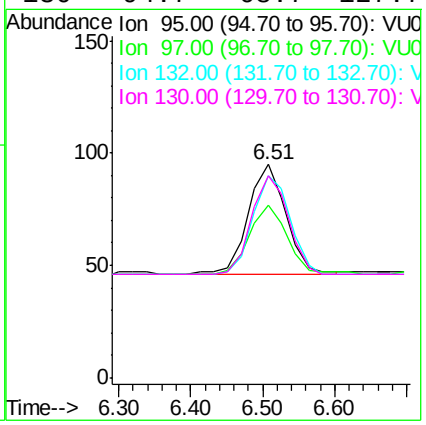


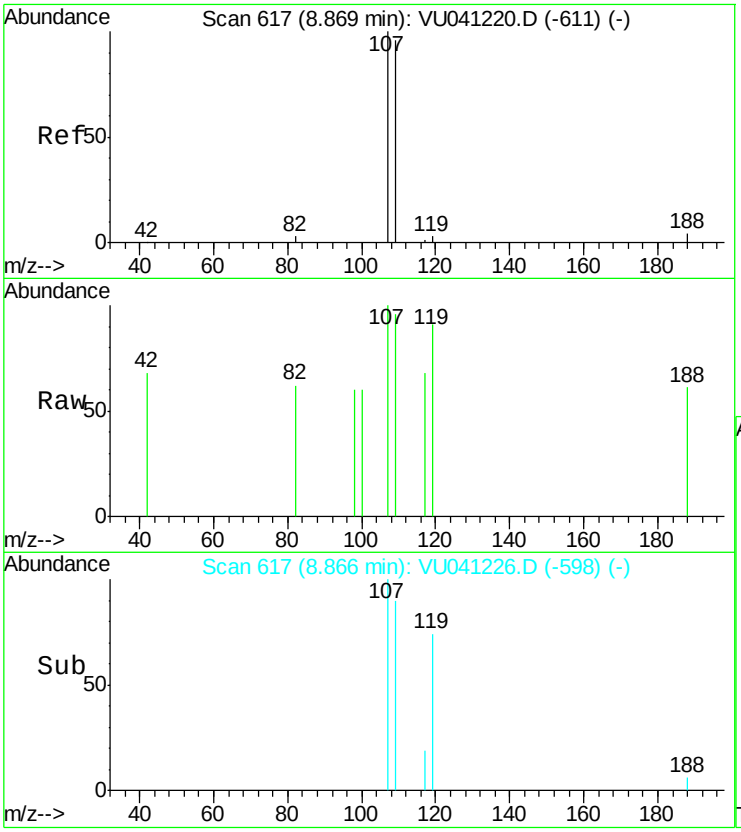


#6
Trichloroethene
Concen: 0.032 ug/L
RT: 6.51 min Scan# 481
Delta R.T. -0.00 min
Lab File: VU041226.D
Acq: 13 Nov 2020 12:47

Tgt Ion: 95 Resp: 180

Ion	Ratio	Lower	Upper
95	100		
97	81.1	46.0	85.4
132	94.7	65.3	121.3
130	94.7	68.7	127.7



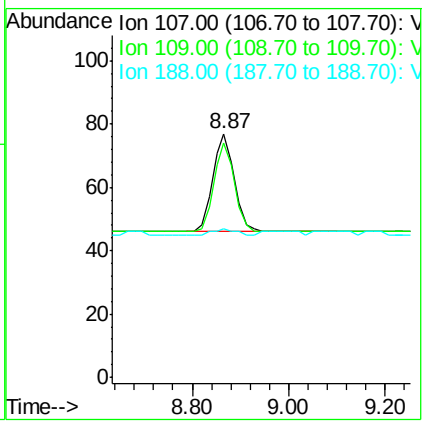


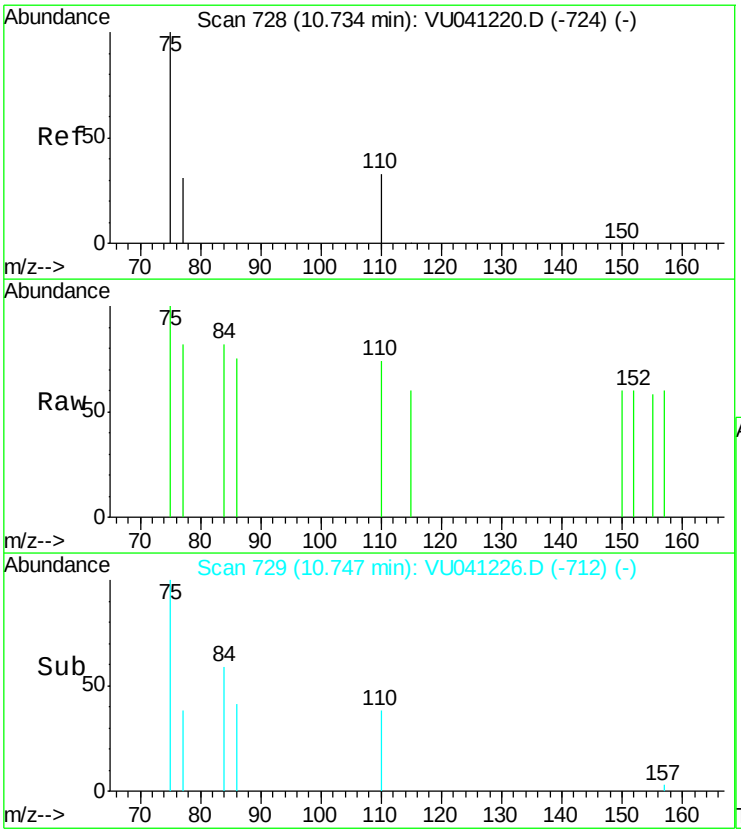
#9
1,2-Dibromoethane
Concen: 0.023 ug/L
RT: 8.87 min Scan# 617
Delta R.T. -0.00 min
Lab File: VU041226.D
Acq: 13 Nov 2020 12:47

Instrument : MSVOA_U
ClientSampleId : MDL-WATER-05

Tgt Ion:107 Resp: 96

Ion	Ratio	Lower	Upper
107	100		
109	96.1	67.7	125.7
188	61.0	7.0	10.6#

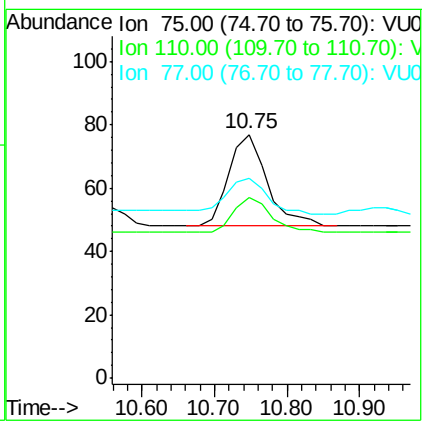


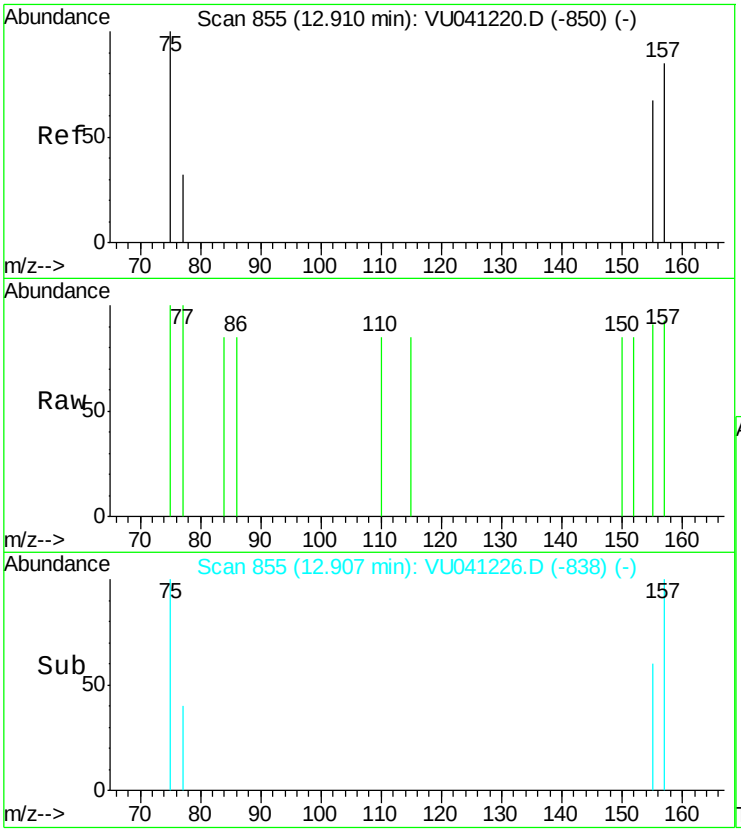


#12
1,2,3-Trichloropropane
Concen: 0.024 ug/L
RT: 10.75 min Scan# 729
Delta R.T. -0.00 min
Lab File: VU041226.D
Acq: 13 Nov 2020 12:47

Tgt Ion: 75 Resp: 106

Ion	Ratio	Lower	Upper
75	100		
110	36.8	31.0	46.4
77	40.6	26.7	40.1#





#13
1,2-Dibromo-3-chloropropane
Concen: 0.028 ug/L m
RT: 12.91 min Scan# 855
Delta R.T. -0.00 min
Lab File: VU041226.D
Acq: 13 Nov 2020 12:47

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-05

Tgt Ion: 75 Resp: 26

Ion	Ratio	Lower	Upper
75	100		
157	92.6	68.7	103.1
155	90.7	58.9	88.3#