Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV070819\

Quantitation Report (QT Reviewed)

Data File : VV011840.D
Acq On : 08 Jul 2019 18:17
Operator : SY/MD
Sample : MDL02
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : MDL02

Quant Time: Jul 09 02:07:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR070819SIM.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jul 09 02:02:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	8082	0.50	ug/L	0.00
5) Chlorobenzene-d5	8.89	117	7281	0.50	ug/L	0.00
11) 1,4-Dichlorobenzene-d4	11.30	152	3349	0.50	ug/L	0.00
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.32	65	4032	0.46	ug/L	0.00
Spiked Amount 0.500	Range 40 - 130		Recovery = 92.00%			
4) 1,2-Dichloroethane-d4	5.09	65	3299	0.50	ug/L	0.02
Spiked Amount 0.500	Range 70 - 130		Recovery = 100.00%			
7) 1,2-Dichloropropane-d6	6.12	67	3585	0.51	ug/L	0.00
Spiked Amount 0.500	Range 60 - 140		Recovery = 102.00%			
8) Toluene-d8	7.35	98	8913	0.48	ug/L	0.00
Spiked Amount 0.500	Range 70 - 130		Recovery = 96.00%			
10) 1,1,2,2-Tetrachloroethane-	10.25	84	2217	0.50	ug/L	0.00
Spiked Amount 0.500	Range 65 - 120		Recovery = 100.00%			
Target Compounds						Qvalue
3) Vinyl chloride	1.32	62	353	0.042	ug/L #	41
6) Trichloroethene	5.95	95	266	0.040	ug/L	91
9) 1,2-Dibromoethane	8.40	107	148	0.041	ug/L #	87
12) 1,2,3-Trichloropropane	10.30	75	141	0.039	ug/L	98
13) 1,2-Dibromo-3-chloropropan	12.46	75	26	0.039	ug/L #	87

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

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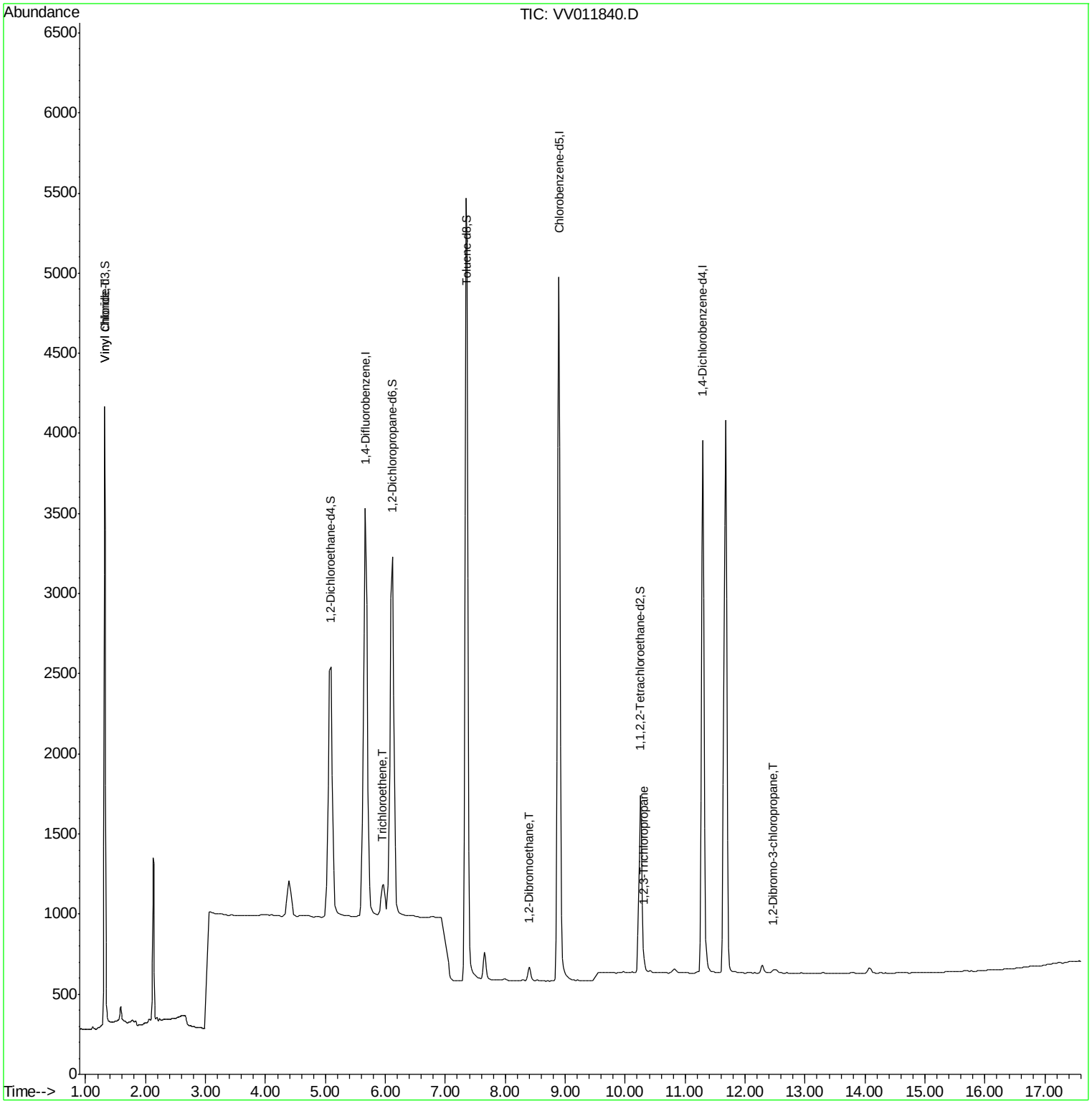
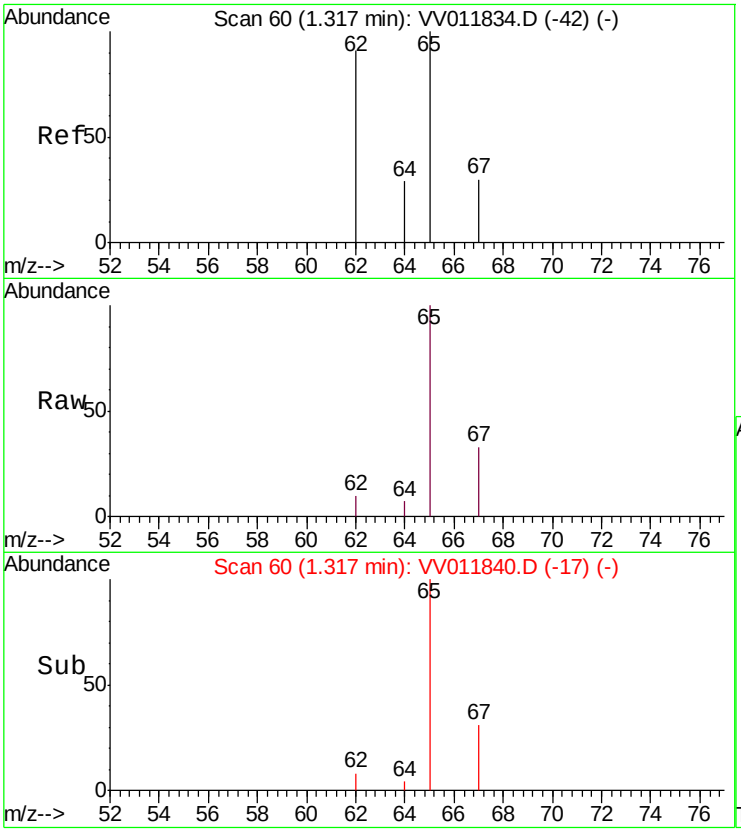


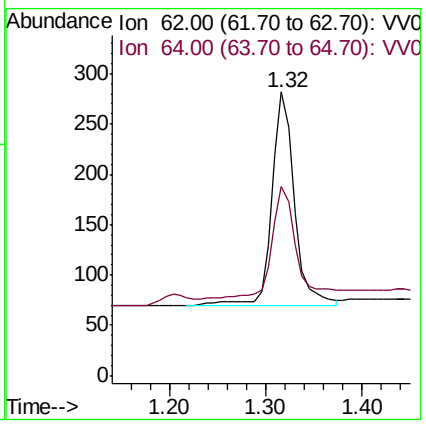


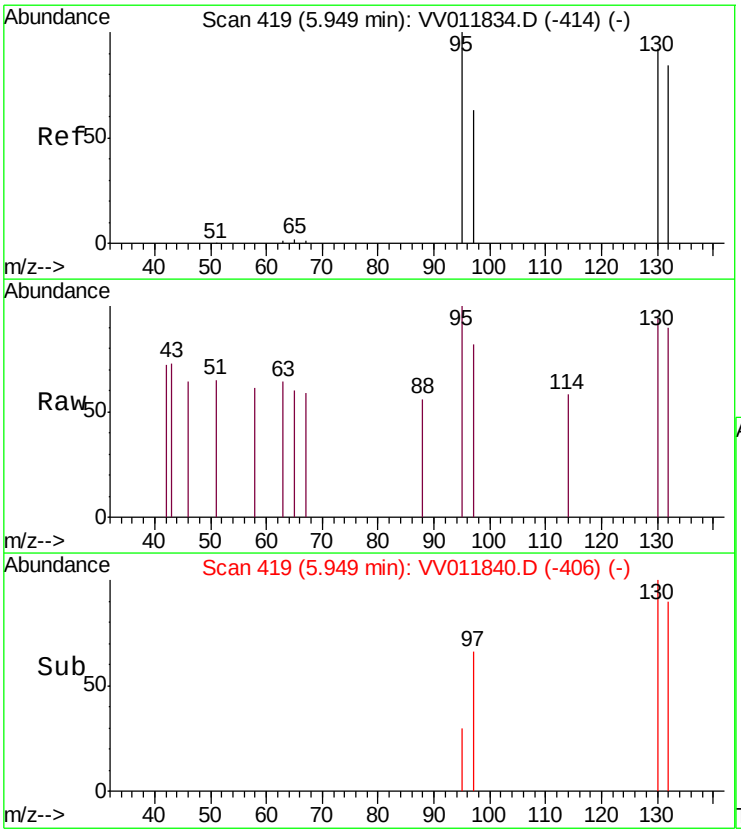
#3
Vinyl chloride
Concen: 0.042 ug/L
RT: 1.32 min Scan# 60
Delta R.T. -0.00 min
Lab File: VV011840.D
Acq: 08 Jul 2019 18:17

Instrument :
MSVOA_V
ClientSampleId :
MDL02

Tgt Ion: 62 Resp: 353

Ion	Ratio	Lower	Upper
62	100		
64	66.7	23.2	43.2#

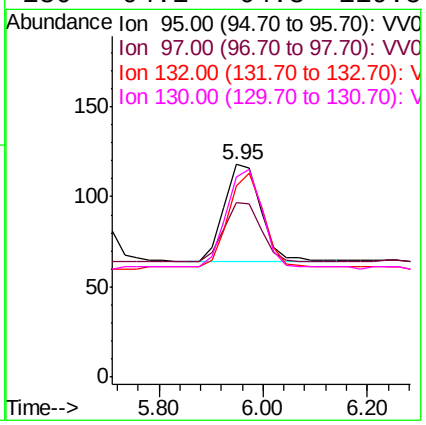


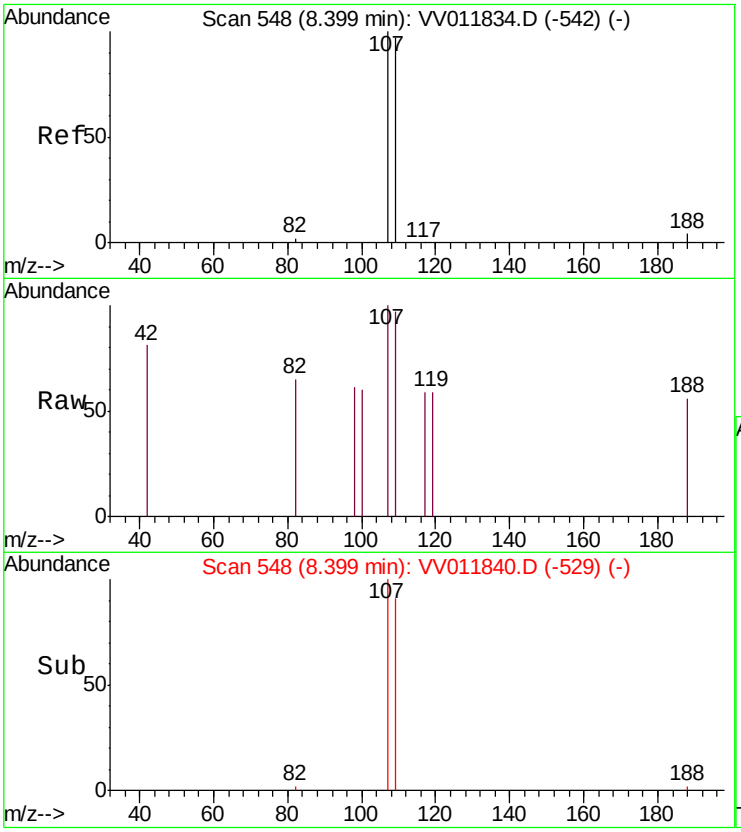


#6
Trichloroethene
Concen: 0.040 ug/L
RT: 5.95 min Scan# 419
Delta R.T. -0.00 min
Lab File: VV011840.D
Acq: 08 Jul 2019 18:17

Tgt Ion: 95 Resp: 266

Ion	Ratio	Lower	Upper
95	100		
97	82.2	46.2	85.8
132	89.8	59.0	109.6
130	94.1	64.3	119.5



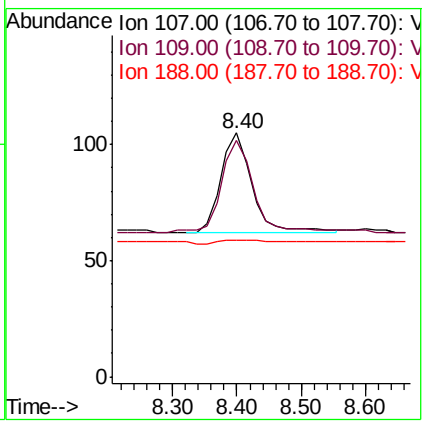


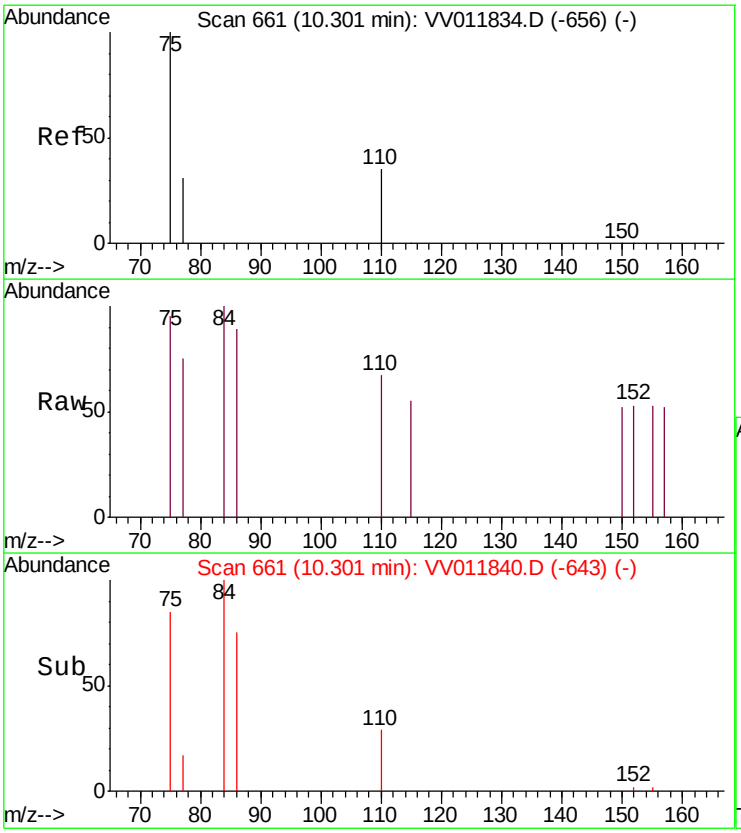
#9
1,2-Dibromoethane
Concen: 0.041 ug/L
RT: 8.40 min Scan# 548
Delta R.T. -0.00 min
Lab File: VV011840.D
Acq: 08 Jul 2019 18:17

Instrument :
MSVOA_V
ClientSampleId :
MDL02

Tgt Ion:107 Resp: 148

Ion	Ratio	Lower	Upper
107	100		
109	97.1	67.7	125.7
188	56.2	9.8	14.8#

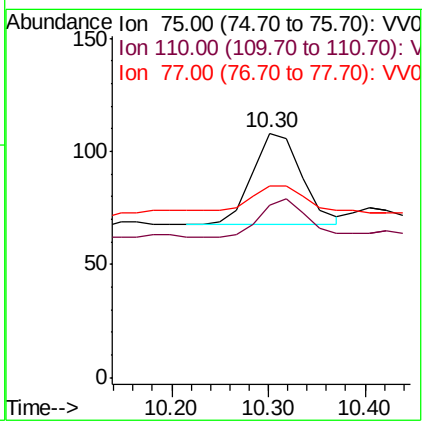


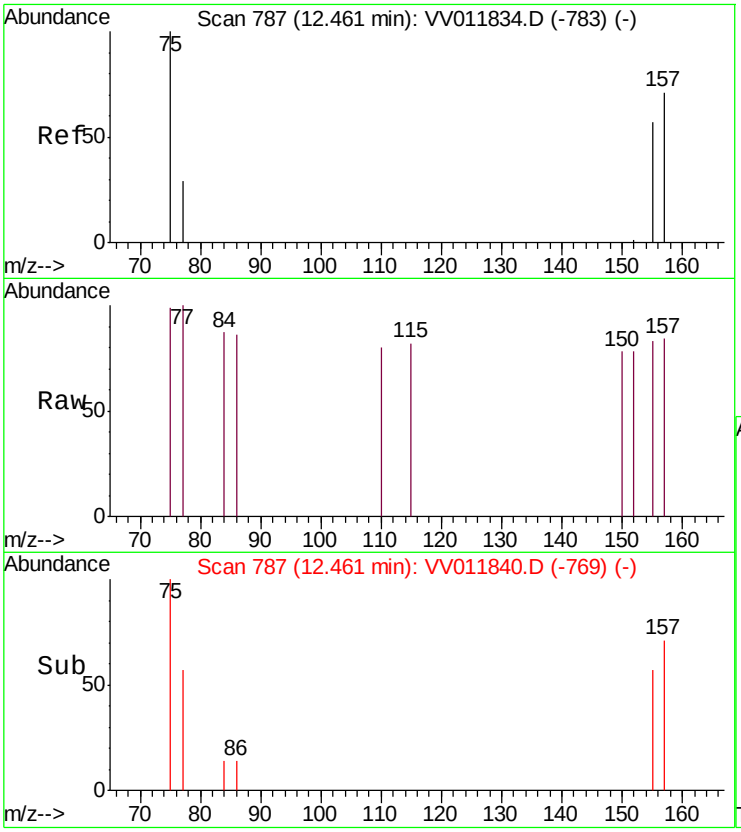


#12
1,2,3-Trichloropropane
Concen: 0.039 ug/L
RT: 10.30 min Scan# 661
Delta R.T. -0.00 min
Lab File: VV011840.D
Acq: 08 Jul 2019 18:17

Tgt Ion: 75 Resp: 141

Ion	Ratio	Lower	Upper
75	100		
110	41.8	32.2	48.4
77	32.6	25.3	37.9





#13
1,2-Dibromo-3-chloropropane
Concen: 0.039 ug/L
RT: 12.46 min Scan# 787
Delta R.T. -0.00 min
Lab File: VV011840.D
Acq: 08 Jul 2019 18:17

Instrument :
MSVOA_V
ClientSampleId :
MDL02

Tgt Ion: 75 Resp: 26

Ion	Ratio	Lower	Upper
75	100		
157	85.3	62.2	93.4
155	84.0	55.6	83.4#