Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091818\

Quantitation Report (QT/LSC Reviewed)

Data File : VV007610.D
Acq On : 18 Sep 2018 19:12
Operator : SY/MD
Sample : J4887-13
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0KR8

Quant Time: Sep 19 02:29:00 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091818WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 19 01:47:19 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	119898	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	108613	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	57714	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	25436	4.45	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 89.00%			
7) Chloroethane-d5	1.58	69	23176	4.52	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 90.40%			
11) 1,1-Dichloroethene-d2	2.13	63	48543	3.51	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 70.20%			
20) 2-Butanone-d5	3.97	46	57337	72.75	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 145.50%#			
24) Chloroform-d	4.41	84	53866	4.46	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.20%			
26) 1,2-Dichloroethane-d4	5.09	65	29142	4.92	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.40%			
32) Benzene-d6	5.10	84	110253	4.85	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.00%			
36) 1,2-Dichloropropane-d6	6.13	67	31524	4.78	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.60%			
41) Toluene-d8	7.36	98	112591	4.70	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.00%			
43) trans-1,3-Dichloropropene-	7.67	79	13067	4.45	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.00%			
46) 2-Hexanone-d5	8.15	63	25616	49.28	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 98.56%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	19148	4.18	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 83.60%			
64) 1,2-Dichlorobenzene-d4	11.68	152	47727	4.72	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 94.40%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.15	96	8254	0.987	ug/L #	18
22) cis-1,2-Dichloroethene	3.97	96	5032	0.617	ug/L	88
25) Chloroform	4.43	83	3371	0.244	ug/L	92
34) Trichloroethene	5.96	95	27705	2.994	ug/L	97

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

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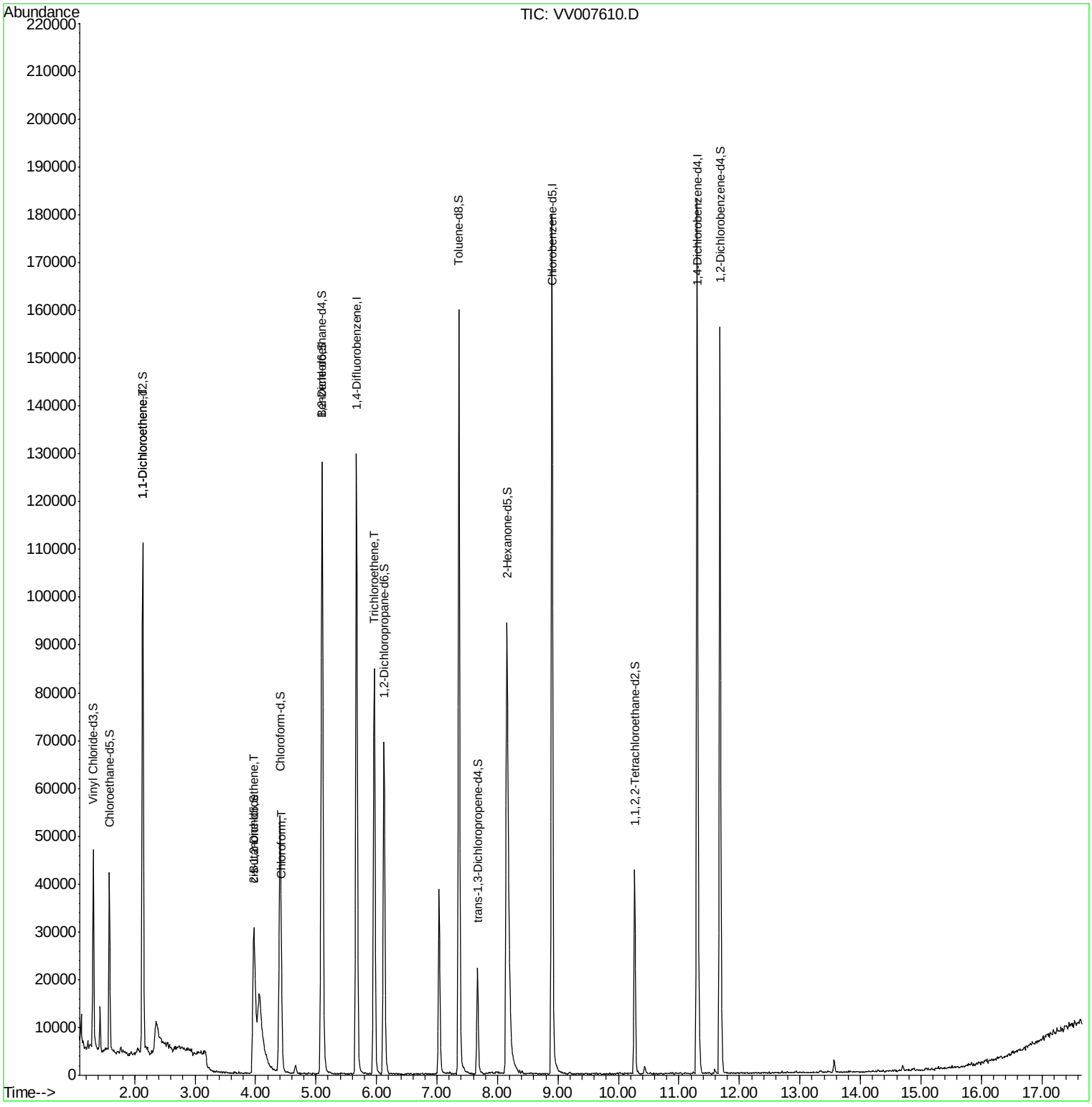
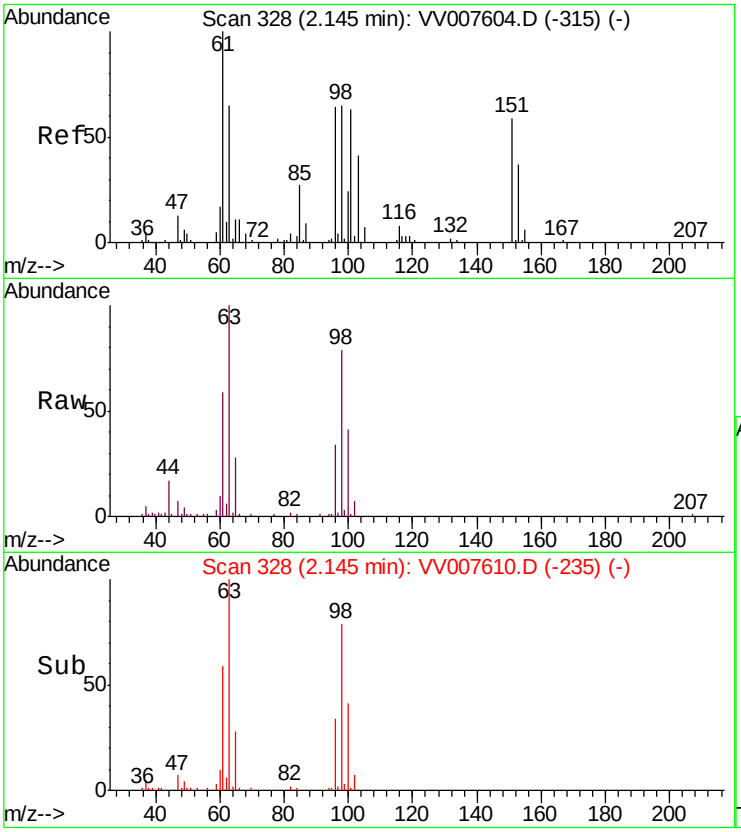
QLast Update : Wed Sep 19 01:47:19 2018
Response via : Initial Calibration



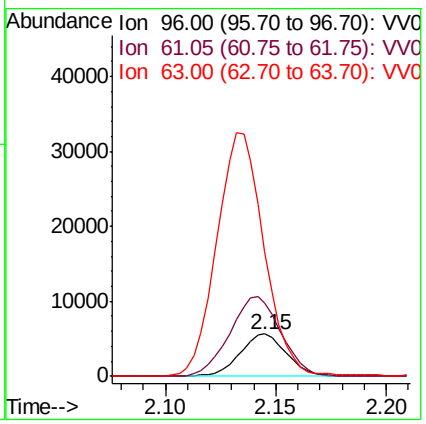


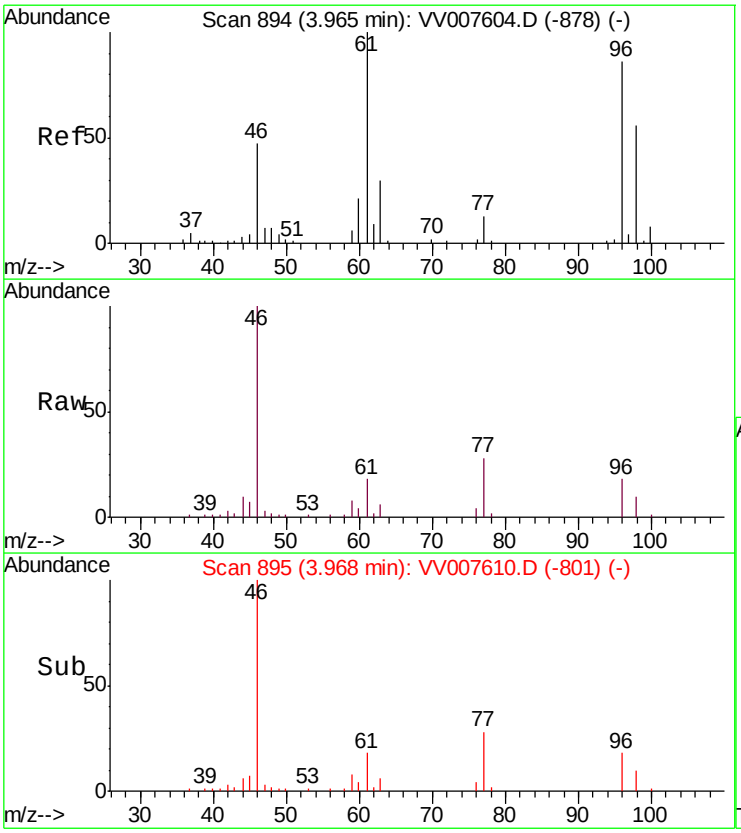
#12
1,1-Dichloroethene
Concen: 0.987 ug/L
RT: 2.15 min Scan# 328
Delta R.T. 0.00 min
Lab File: VV007610.D
Acq: 18 Sep 2018 19:12

Instrument :
MSVOA_V
ClientSampleId :
C0KR8

Tgt Ion: 96 Resp: 8254

Ion	Ratio	Lower	Upper
96	100		
61	174.5	108.1	200.9
63	296.5	76.9	142.9#

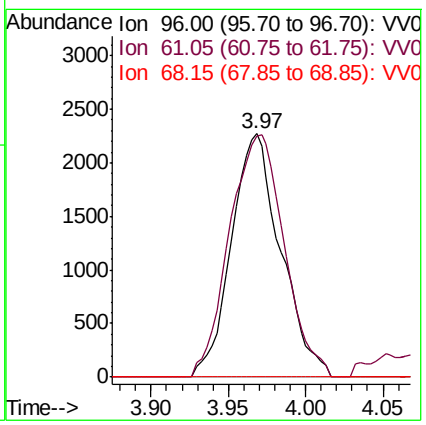


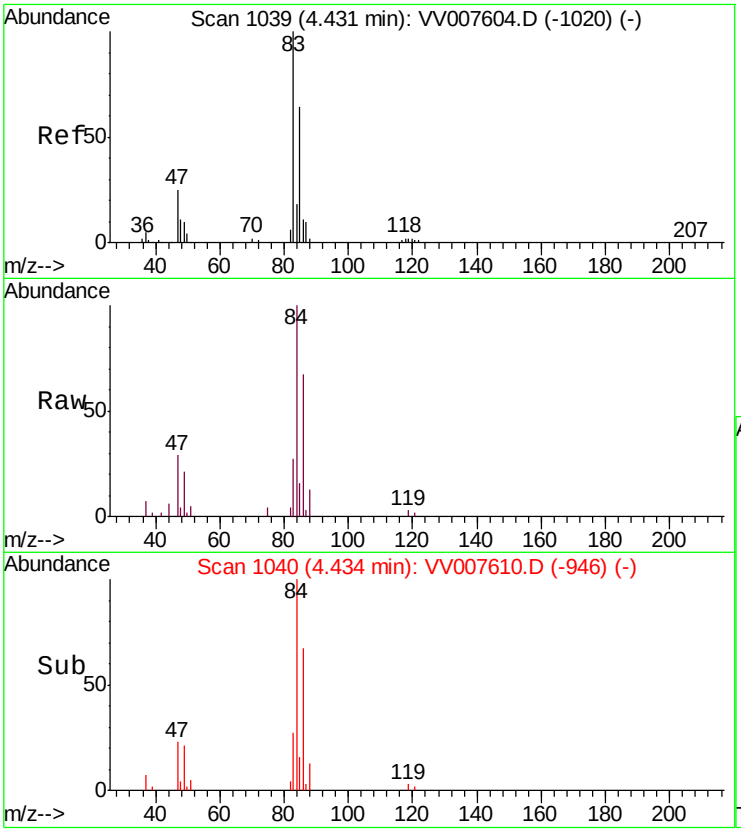


#22
cis-1,2-Dichloroethene
Concen: 0.617 ug/L
RT: 3.97 min Scan# 895
Delta R.T. 0.00 min
Lab File: VV007610.D
Acq: 18 Sep 2018 19:12

Tgt Ion: 96 Resp: 5032

Ion	Ratio	Lower	Upper
96	100		
61	98.9	78.4	145.6
68	0.0	0.0	0.0



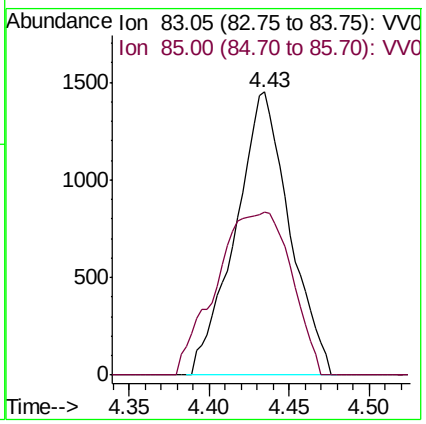


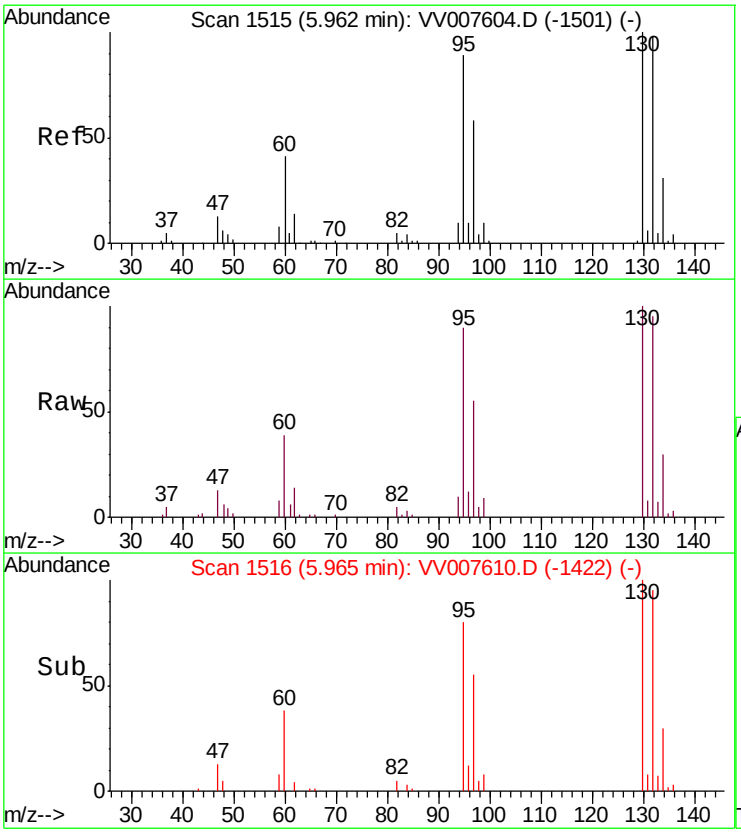
#25
Chloroform
Concen: 0.244 ug/L
RT: 4.43 min Scan# 1040
Delta R.T. 0.00 min
Lab File: VV007610.D
Acq: 18 Sep 2018 19:12

Instrument : MSVOA_V
ClientSampleId : C0KR8

Tgt Ion: 83 Resp: 3371

Ion	Ratio	Lower	Upper
83	100		
85	57.4	44.5	82.7





#34
Trichloroethene
Concen: 2.994 ug/L
RT: 5.96 min Scan# 1516
Delta R.T. 0.00 min
Lab File: VV007610.D
Acq: 18 Sep 2018 19:12

Tgt Ion: 95 Resp: 27705

Ion	Ratio	Lower	Upper
95	100		
97	61.6	46.5	86.5
132	105.6	75.5	140.3
130	111.0	78.8	146.4