Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081119\

Quantitation Report (QT/LSC Reviewed)

Data File : VV012188.D
Acq On : 11 Aug 2019 13:11
Operator : SY/MD
Sample : K4248-06DL 5X
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F2B13DL

Quant Time: Aug 12 02:30:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081019WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Aug 12 01:34:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	307155	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	294982	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	146182	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	59064	52.27	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 104.54%			
7) Chloroethane-d5	1.58	69	39890	55.36	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 110.72%			
11) 1,1-Dichloroethene-d2	2.13	63	81668	38.23	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 76.46%			
21) 2-Butanone-d5	3.93	46	26931	48.20	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 48.20%			
24) Chloroform-d	4.40	84	95742	40.78	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 81.56%			
26) 1,2-Dichloroethane-d4	5.08	65	67892	50.43	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.86%			
32) Benzene-d6	5.09	84	227595	49.76	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.52%			
36) 1,2-Dichloropropane-d6	6.11	67	60928	48.97	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 97.94%			
41) Toluene-d8	7.36	98	208948	47.96	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.92%			
43) trans-1,3-Dichloropropene-	7.66	79	31214	46.30	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 92.60%			
47) 2-Hexanone-d5	8.13	63	38168	80.19	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 80.19%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	81530	47.80	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 95.60%			
64) 1,2-Dichlorobenzene-d4	11.67	152	86627	50.14	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.28%			
Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	71478	42.090	ug/L	99
17) trans-1,2-Dichloroethene	2.79	96	2764	1.520	ug/L	84
20) cis-1,2-Dichloroethene	3.96	96	34979	16.935	ug/L	100

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

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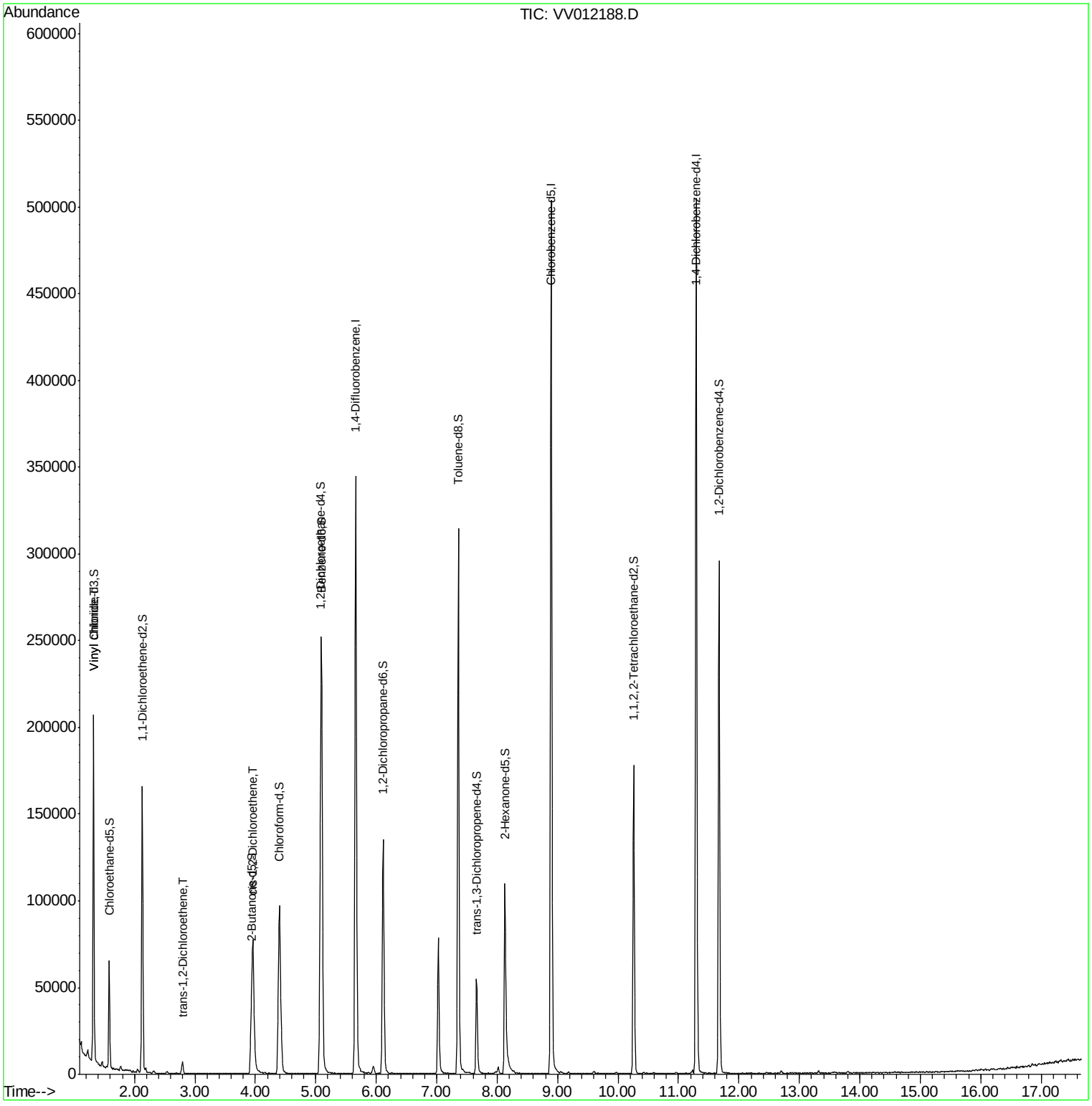
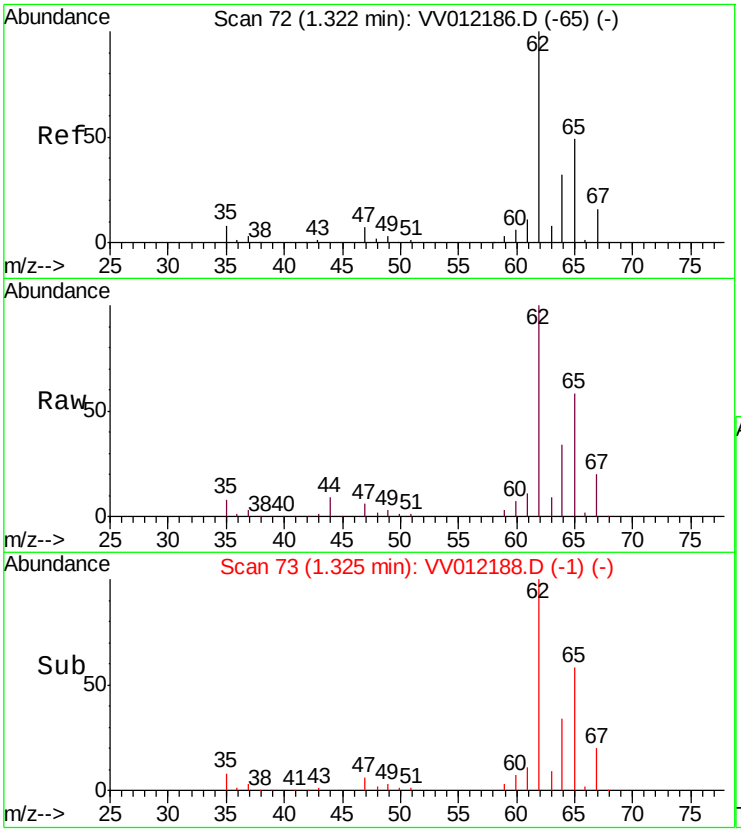
Quant Title : VOC Analysis
QLast Update : Mon Aug 12 01:34:49 2019
Response via : Initial Calibration



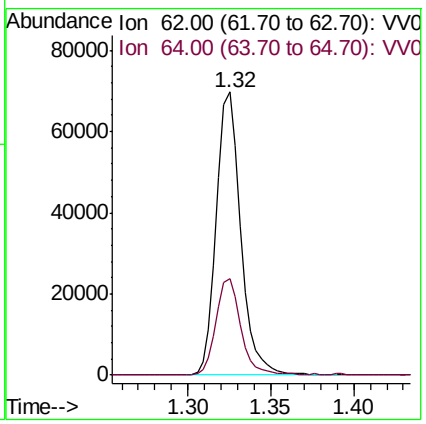


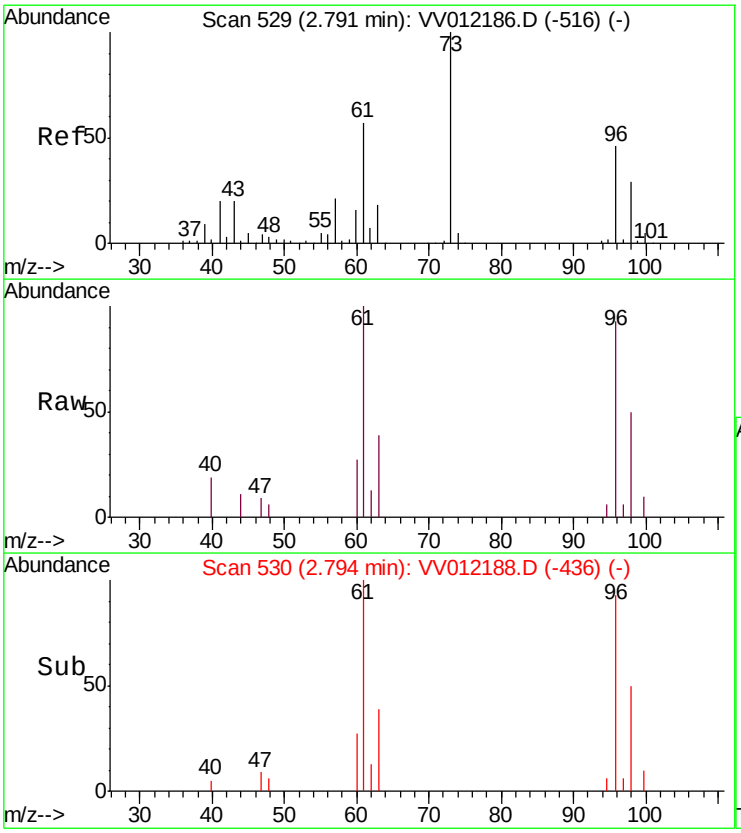
#5
Vinyl chloride
Concen: 42.090 ug/L
RT: 1.32 min Scan# 73
Delta R.T. 0.00 min
Lab File: VV012188.D
Acq: 11 Aug 2019 13:11

Instrument :
MSVOA_V
ClientSampleId :
F2B13DL

Tgt Ion: 62 Resp: 71478

Ion	Ratio	Lower	Upper
62	100		
64	34.3	23.7	44.1

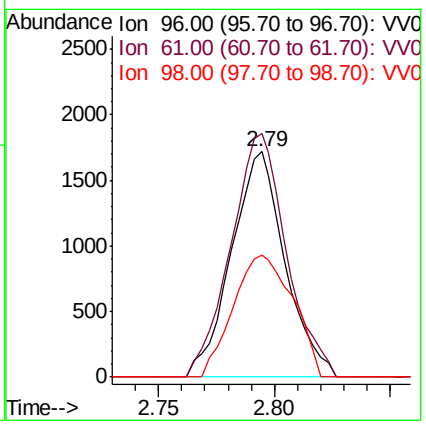


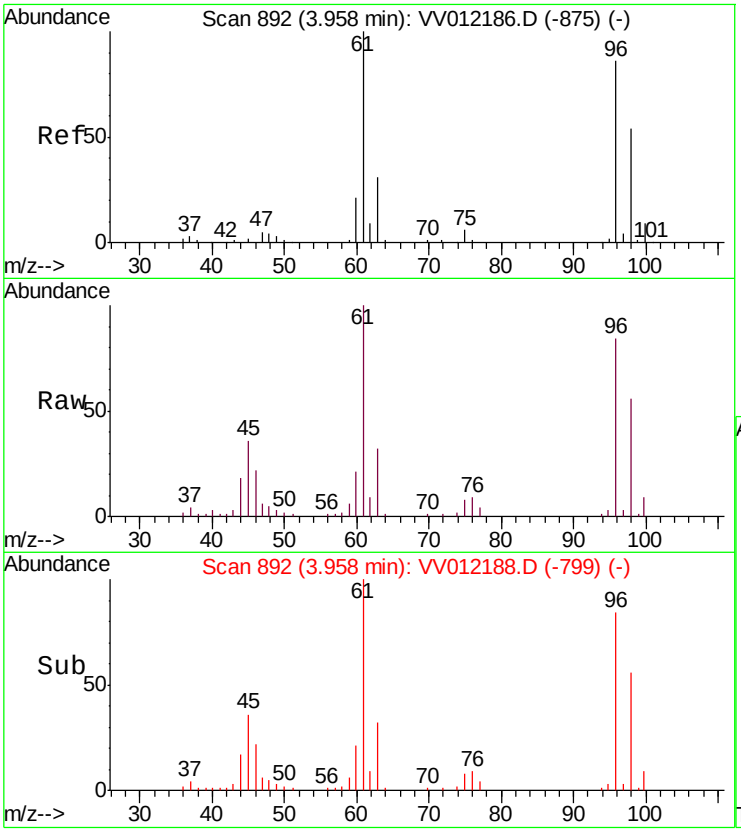


#17
trans-1,2-Dichloroethene
Concen: 1.520 ug/L
RT: 2.79 min Scan# 530
Delta R.T. 0.00 min
Lab File: VV012188.D
Acq: 11 Aug 2019 13:11

Tgt Ion: 96 Resp: 2764

Ion	Ratio	Lower	Upper
96	100		
61	108.0	89.3	165.9
98	54.0	44.7	83.1





#20
cis-1,2-Dichloroethene
Concen: 16.935 ug/L
RT: 3.96 min Scan# 892
Delta R.T. -0.00 min
Lab File: VV012188.D
Acq: 11 Aug 2019 13:11

Instrument :
MSVOA_V
ClientSampleId :
F2B13DL

Tgt Ion: 96 Resp: 34979

Ion	Ratio	Lower	Upper
96	100		
61	118.9	82.9	153.9
68	0.0	0.0	0.0