Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV120319\

Quantitation Report (Not Reviewed)

Data File : VV013896.D
Acq On : 03 Dec 2019 16:20
Operator : SY/MD
Sample : K6028-06
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0AA3

Quant Time: Dec 04 01:15:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 04 01:11:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	728605	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	676244	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	270525	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	164419	39.02	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 78.04%			
7) Chloroethane-d5	1.57	69	179574	40.83	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 81.66%			
11) 1,1-Dichloroethene-d2	2.13	63	273848	29.39	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 58.78%#			
21) 2-Butanone-d5	3.92	46	363123	122.43	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 122.43%			
24) Chloroform-d	4.40	84	451733	51.05	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.10%			
26) 1,2-Dichloroethane-d4	5.08	65	298350	53.20	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 106.40%			
32) Benzene-d6	5.09	84	907131	51.77	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.54%			
36) 1,2-Dichloropropane-d6	6.11	67	287011	54.56	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 109.12%			
41) Toluene-d8	7.36	98	754076	47.20	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.40%			
43) trans-1,3-Dichloropropene-	7.66	79	118826	46.43	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 92.86%			
47) 2-Hexanone-d5	8.13	63	225366	114.74	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 114.74%			
57) 1,1,2,2-Tetrachloroethane-	10.25	84	403177	52.94	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 105.88%			
64) 1,2-Dichlorobenzene-d4	11.67	152	295340	55.59	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 111.18%			
Target Compounds						Qvalue
20) cis-1,2-Dichloroethene	3.96	96	49070	8.752	ug/L	96
25) Chloroform	4.41	83	6983	0.700	ug/L #	63
27) 1,2-Dichloroethane	5.18	62	76025	10.580	ug/L	97
59) 1,2,3-Trichloropropane	11.29	75	26701	4.048	ug/L	93

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

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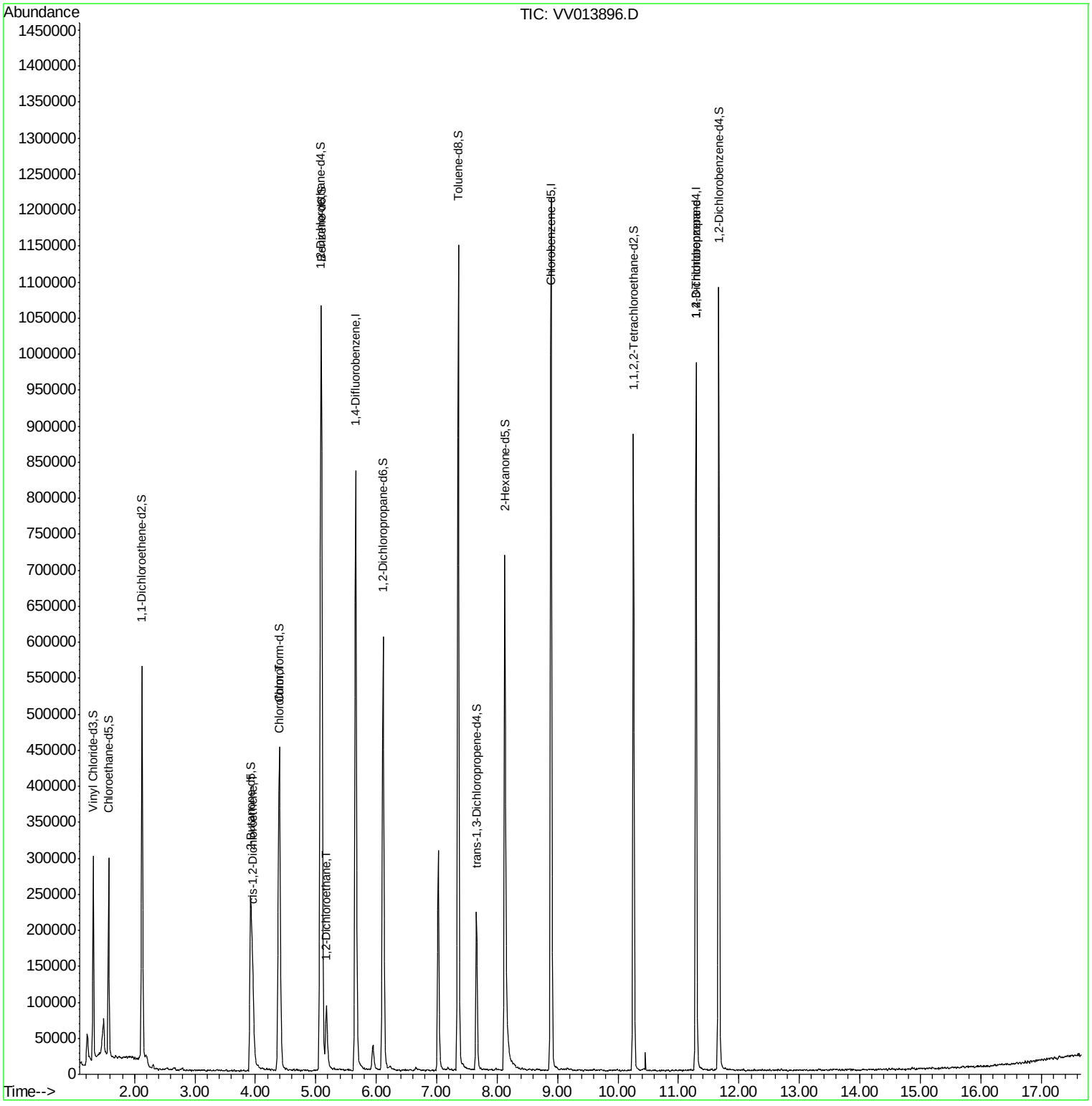
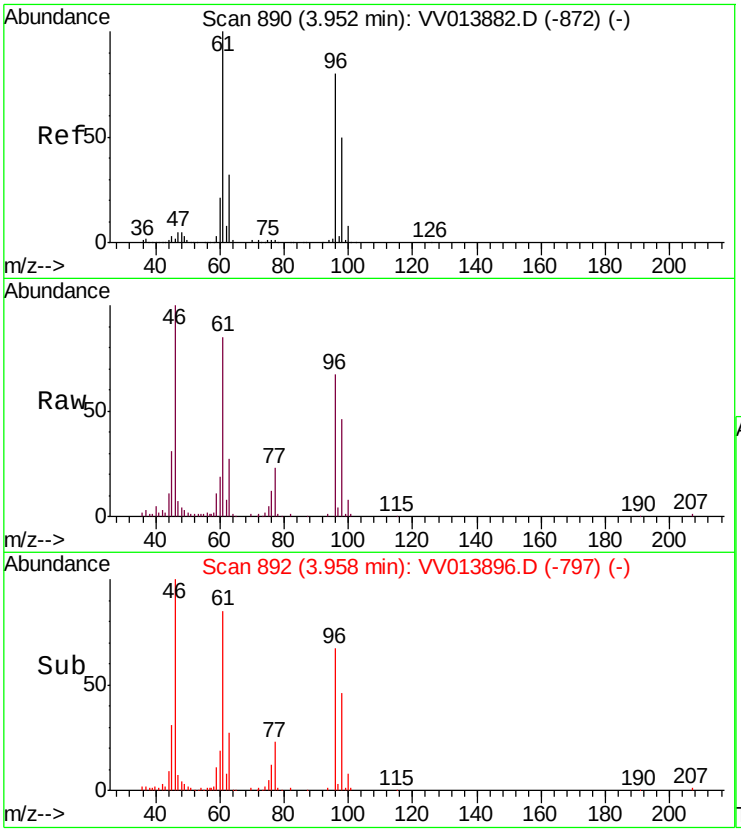
Quant Title : VOC Analysis
QLast Update : Wed Dec 04 01:11:22 2019
Response via : Initial Calibration



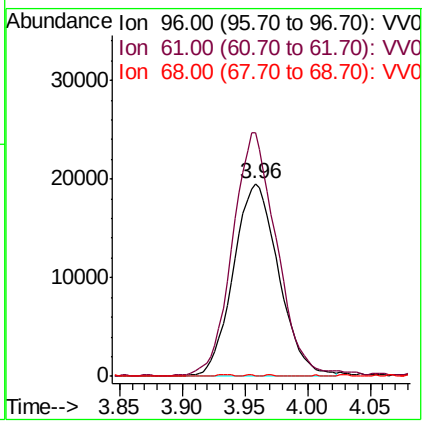


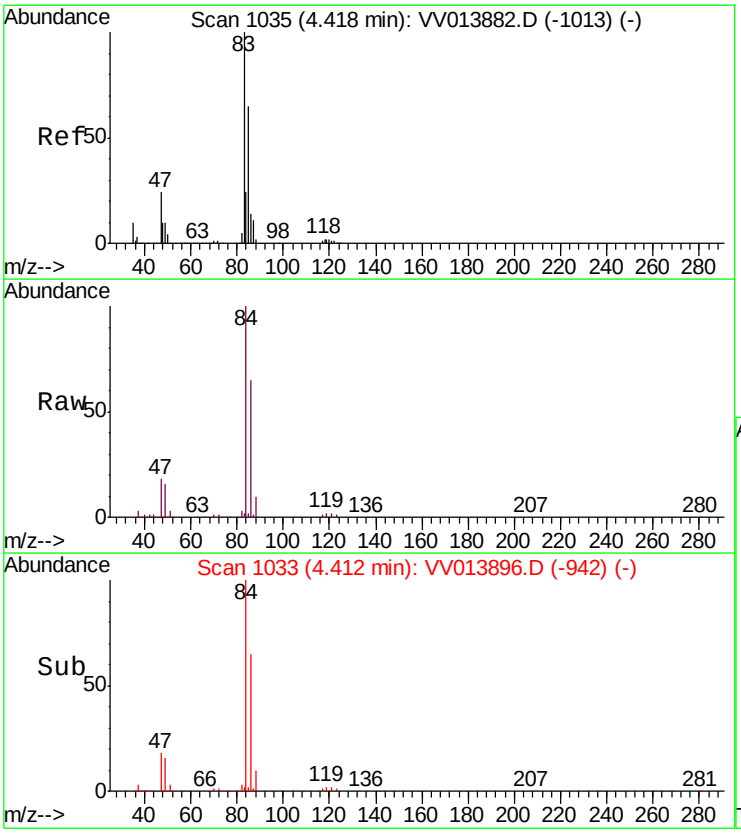
#20
cis-1,2-Dichloroethene
Concen: 8.752 ug/L
RT: 3.96 min Scan# 892
Delta R.T. 0.01 min
Lab File: VV013896.D
Acq: 03 Dec 2019 16:20

Instrument :
MSVOA_V
ClientSampleId :
H0AA3

Tgt Ion: 96 Resp: 49070

Ion	Ratio	Lower	Upper
96	100		
61	126.2	85.3	158.5
68	0.0	0.0	0.0

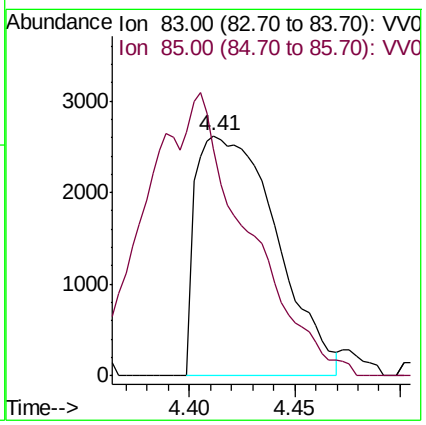


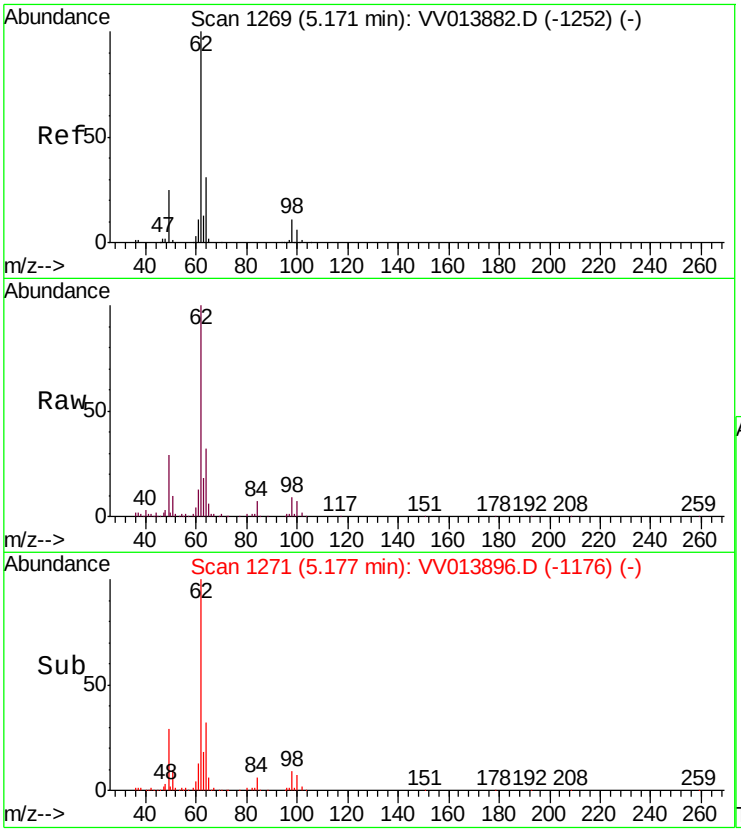


#25
Chloroform
Concen: 0.700 ug/L
RT: 4.41 min Scan# 1033
Delta R.T. -0.01 min
Lab File: VV013896.D
Acq: 03 Dec 2019 16:20

Tgt Ion: 83 Resp: 6983

Ion	Ratio	Lower	Upper
83	100		
85	94.4	45.7	84.9#



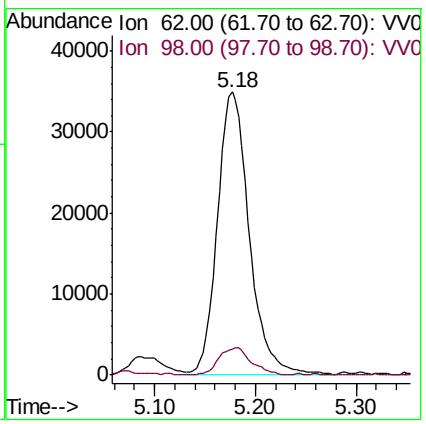


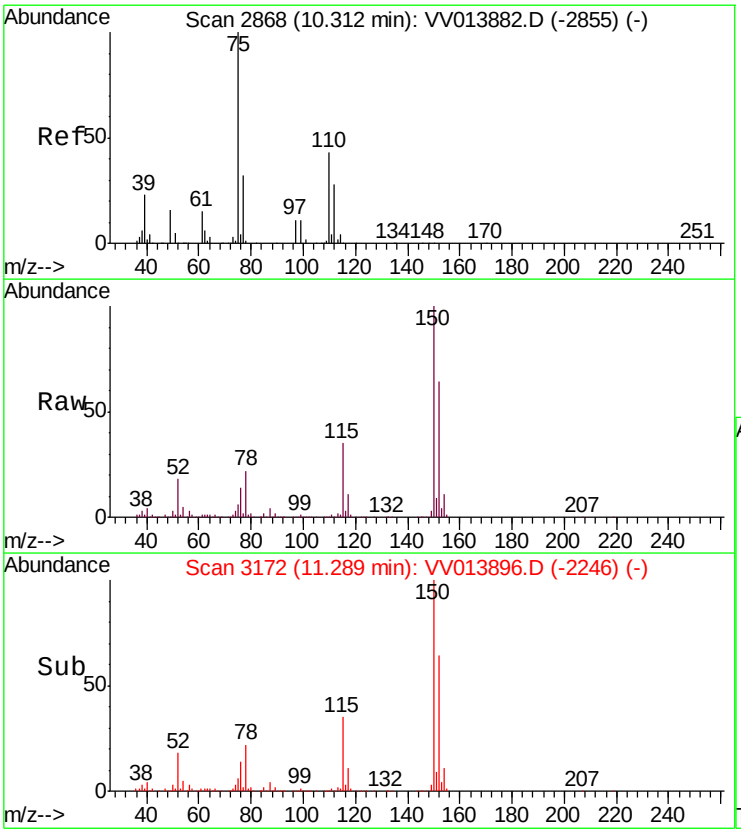
#27
1,2-Dichloroethane
Concen: 10.580 ug/L
RT: 5.18 min Scan# 1271
Delta R.T. 0.01 min
Lab File: VV013896.D
Acq: 03 Dec 2019 16:20

Instrument : MSVOA_V
ClientSampleId : H0AA3

Tgt Ion: 62 Resp: 76025

Ion	Ratio	Lower	Upper
62	100		
98	9.3	8.5	12.7





#59
1,2,3-Trichloropropane
Concen: 4.048 ug/L
RT: 11.29 min Scan# 3172
Delta R.T. 0.98 min
Lab File: VV013896.D
Acq: 03 Dec 2019 16:20

Tgt Ion: 75 Resp: 26701

Ion	Ratio	Lower	Upper
75	100		
77	36.1	25.8	38.8