Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112919\

Quantitation Report (Not Reviewed)

Data File : VV013845.D
Acq On : 29 Nov 2019 13:23
Operator : SY/MD
Sample : K5989-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VHBLK01

Quant Time: Nov 29 22:37:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM110619WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 29 22:33:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	648277	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	653225	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	304050	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	206521	54.40	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 108.80%			
7) Chloroethane-d5	1.58	69	186781	60.44	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 120.88%			
11) 1,1-Dichloroethene-d2	1.92	63	100	0.02	ug/L	-0.21
Spiked Amount 50.000	Range 60 - 125		Recovery = 0.04%#			
21) 2-Butanone-d5	3.92	46	290412	103.46	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 103.46%			
24) Chloroform-d	4.40	84	419827	50.94	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.88%			
26) 1,2-Dichloroethane-d4	5.08	65	261851	48.69	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.38%			
32) Benzene-d6	5.10	84	848203	48.69	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.38%			
36) 1,2-Dichloropropane-d6	6.11	67	258961	45.82	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 91.64%			
41) Toluene-d8	7.36	98	748780	46.71	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.42%			
43) trans-1,3-Dichloropropene-	7.66	79	118871	45.77	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 91.54%			
47) 2-Hexanone-d5	8.13	63	200636	97.86	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 97.86%			
57) 1,1,2,2-Tetrachloroethane-	10.25	84	343615	48.39	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 96.78%			
64) 1,2-Dichlorobenzene-d4	11.67	152	319385	52.69	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 105.38%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2913	0.814	ug/L #	17
12) 1,1-Dichloroethene	2.13	96	3273	0.958	ug/L #	1
13) Acetone	2.18	43	6362	2.429	ug/L	96

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

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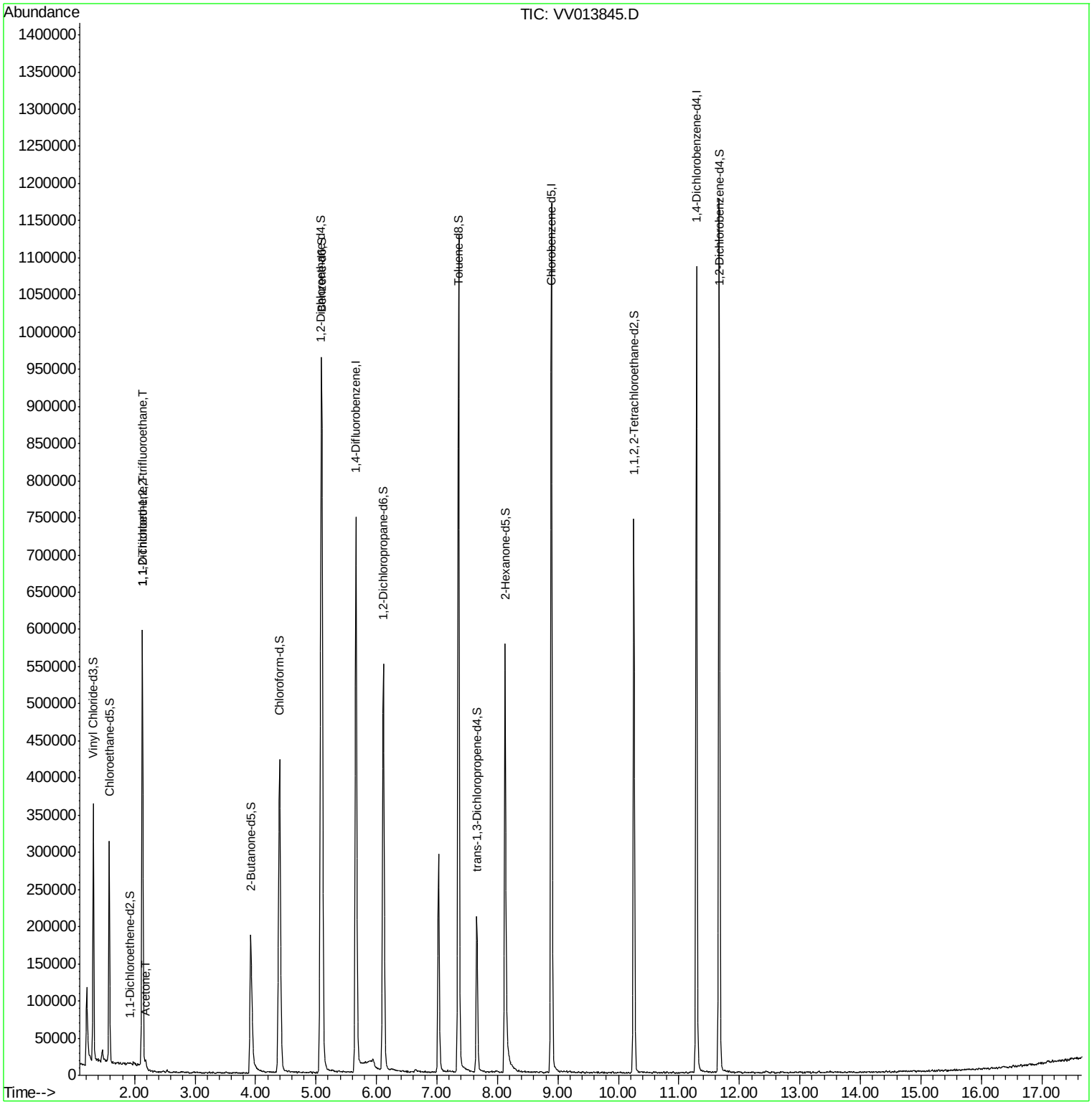
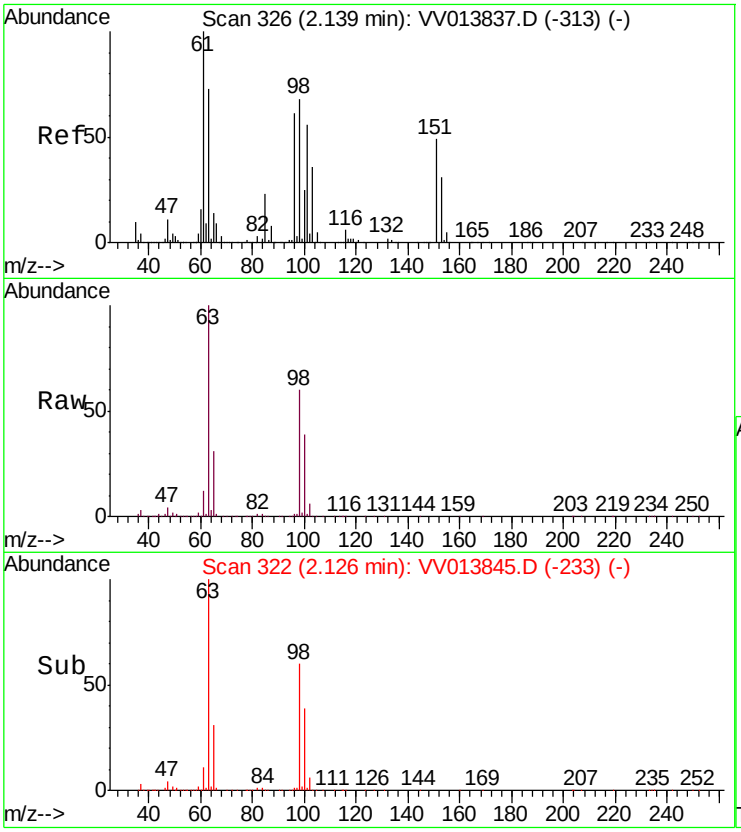
Quant Title : VOC Analysis
QLast Update : Fri Nov 29 22:33:56 2019
Response via : Initial Calibration



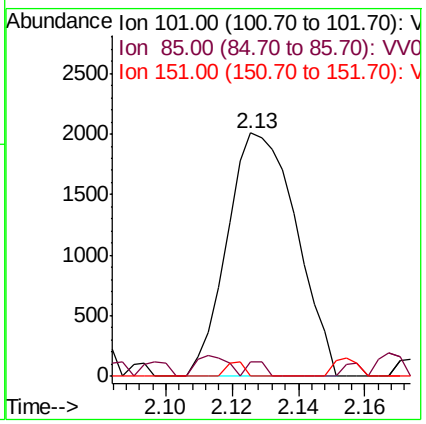


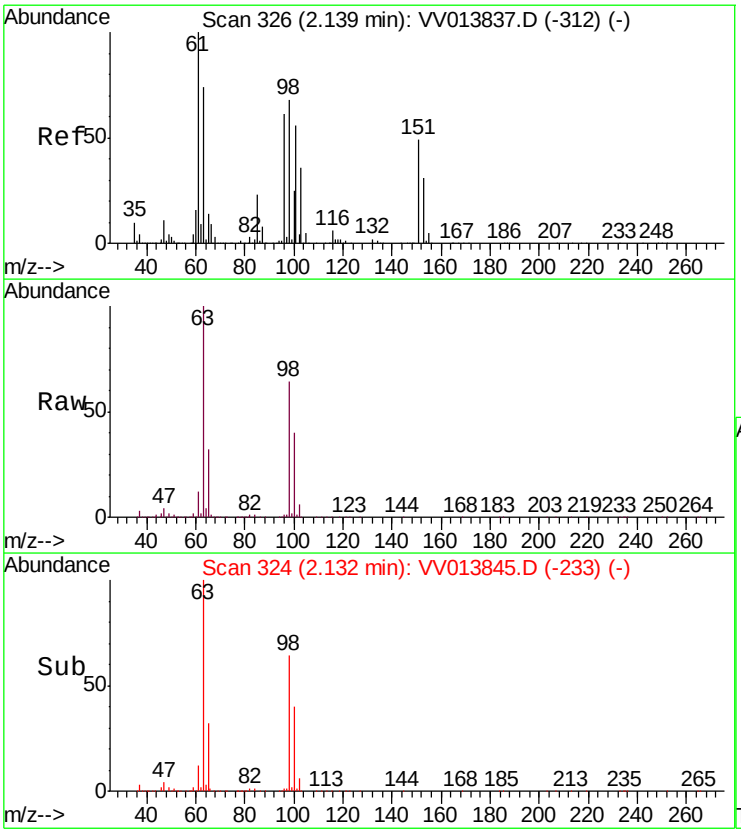
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.814 ug/L
RT: 2.13 min Scan# 322
Delta R.T. -0.01 min
Lab File: VV013845.D
Acq: 29 Nov 2019 13:23

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Tgt Ion:101 Resp: 2913

Ion	Ratio	Lower	Upper
101	100		
85	1.6	33.3	49.9#
151	1.6	69.5	104.3#

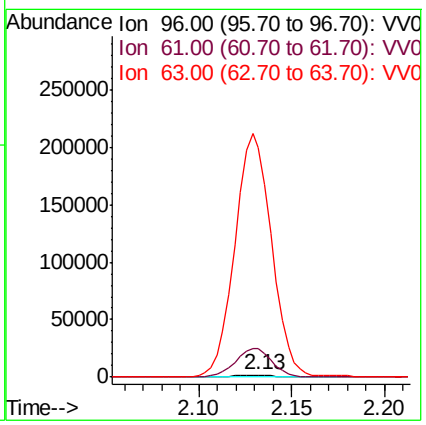


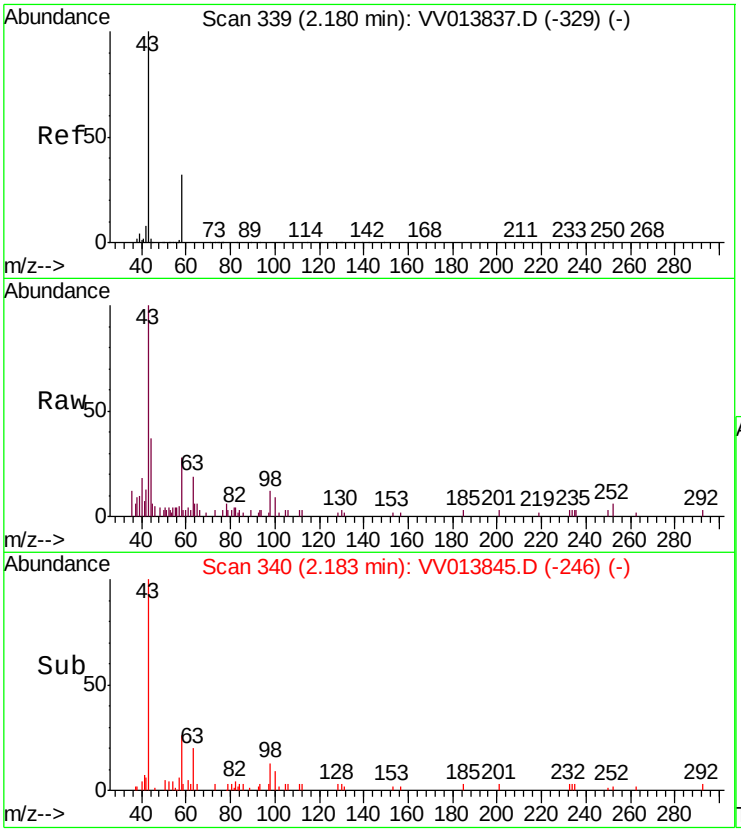


#12
1,1-Dichloroethene
Concen: 0.958 ug/L
RT: 2.13 min Scan# 324
Delta R.T. -0.01 min
Lab File: VV013845.D
Acq: 29 Nov 2019 13:23

Tgt Ion: 96 Resp: 3273

Ion	Ratio	Lower	Upper
96	100		
61	1202.4	116.9	217.1#
63	9810.4	91.5	169.9#





#13
Acetone
Concen: 2.429 ug/L
RT: 2.18 min Scan# 340
Delta R.T. 0.00 min
Lab File: VV013845.D
Acq: 29 Nov 2019 13:23

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Tgt Ion: 43 Resp: 6362

Ion	Ratio	Lower	Upper
43	100		
58	30.4	0.0	65.2