Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV053019\

Quantitation Report (Not Reviewed)

Data File : VV011169.D
Acq On : 31 May 2019 08:29
Operator : SY/MD
Sample : VIBLK
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VIBLK42

Quant Time: May 31 23:20:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM053019S.M
Quant Title : VOC Analysis
QLast Update : Fri May 31 23:16:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	368868	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	370031	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	153495	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	96116	19.26	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 77.04%			
7) Chloroethane-d5	1.55	69	81314	21.19	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 84.76%			
10) 1,1-Dichloroethene-d2	1.89	63	182	0.02	ug/L	-0.23
Spiked Amount 25.000	Range 45 - 110		Recovery = 0.08%#			
20) 2-Butanone-d5	3.93	46	79446	43.55	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 87.10%			
24) Chloroform-d	4.39	84	152994	16.97	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 67.88%			
26) 1,2-Dichloroethane-d4	5.07	65	117467	19.99	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 79.96%			
29) Benzene-d6	5.09	84	393480	19.58	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 78.32%			
33) 1,2-Dichloropropane-d6	6.11	67	127706	19.83	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 79.32%			
37) Toluene-d8	7.36	98	388908	20.51	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 82.04%			
38) trans-1,3-Dichloropropene-	7.66	79	53863	18.49	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 73.96%			
39) 2-Hexanone-d5	8.13	63	64375	43.99	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 87.98%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	125229	21.58	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 86.32%			
61) 1,2-Dichlorobenzene-d4	11.67	152	128537	22.38	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 89.52%			
Target Compounds						Qvalue
13) Acetone	2.18	43	8915	4.201	ug/L	93
25) Chloroform	4.42	83	34350	3.291	ug/L	93
59) 1,2,3-Trichloropropane	11.29	75	21926	4.744	ug/L	91

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

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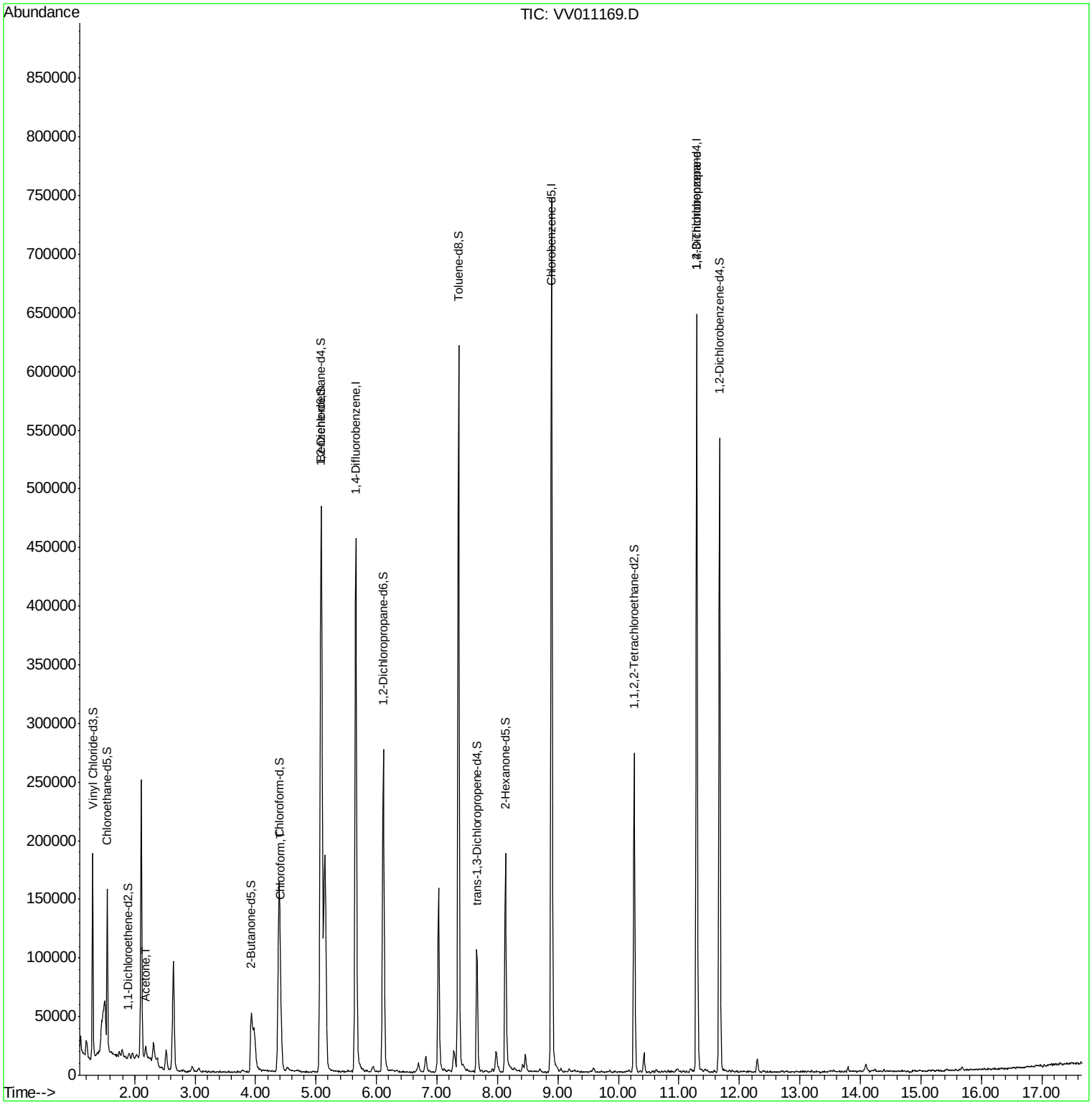
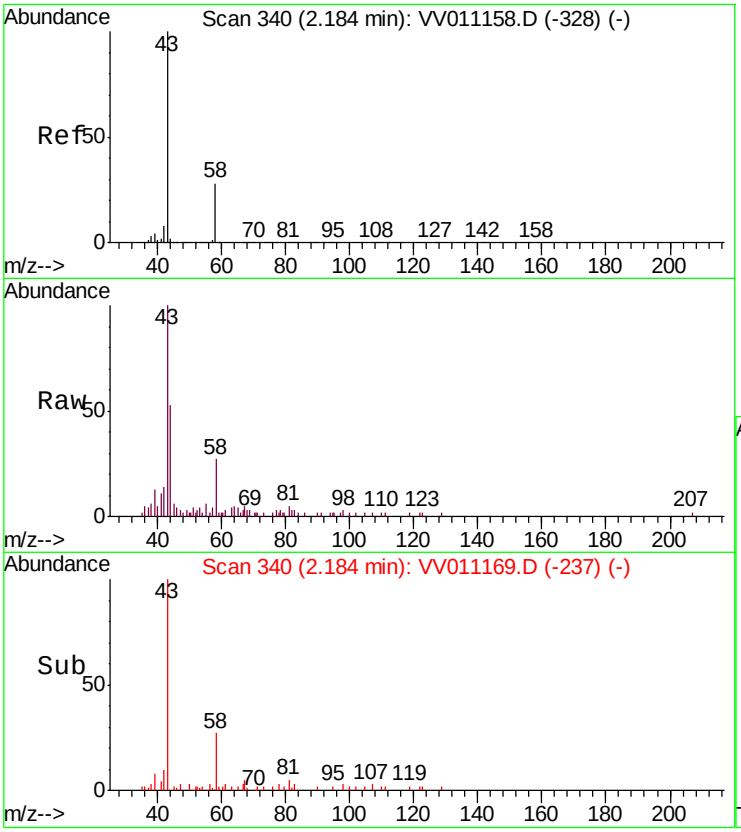
Quant Title : VOC Analysis
QLast Update : Fri May 31 23:16:38 2019
Response via : Initial Calibration



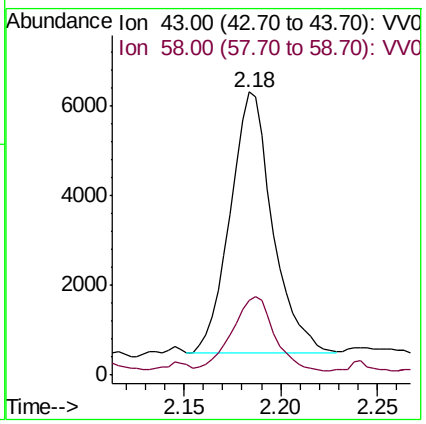


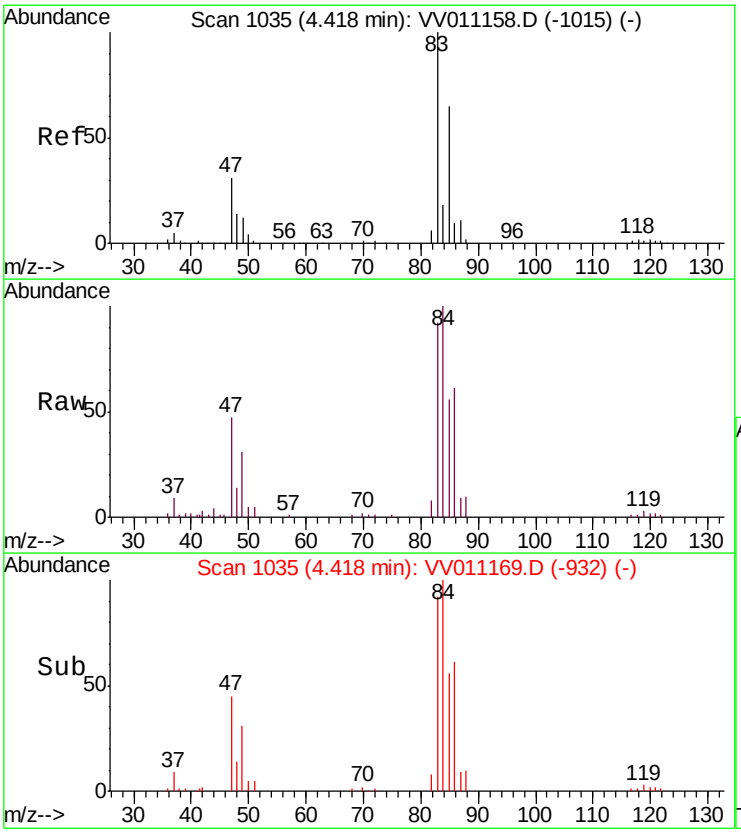
#13
Acetone
Concen: 4.201 ug/L
RT: 2.18 min Scan# 340
Delta R.T. -0.00 min
Lab File: VV011169.D
Acq: 31 May 2019 08:29

Instrument :
MSVOA_V
ClientSampleId :
VIBLK42

Tgt Ion: 43 Resp: 8915

Ion	Ratio	Lower	Upper
43	100		
58	30.5	0.0	53.8

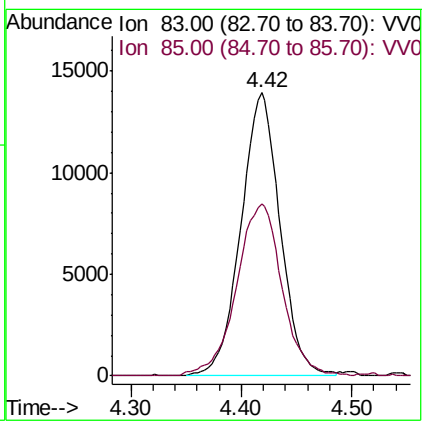


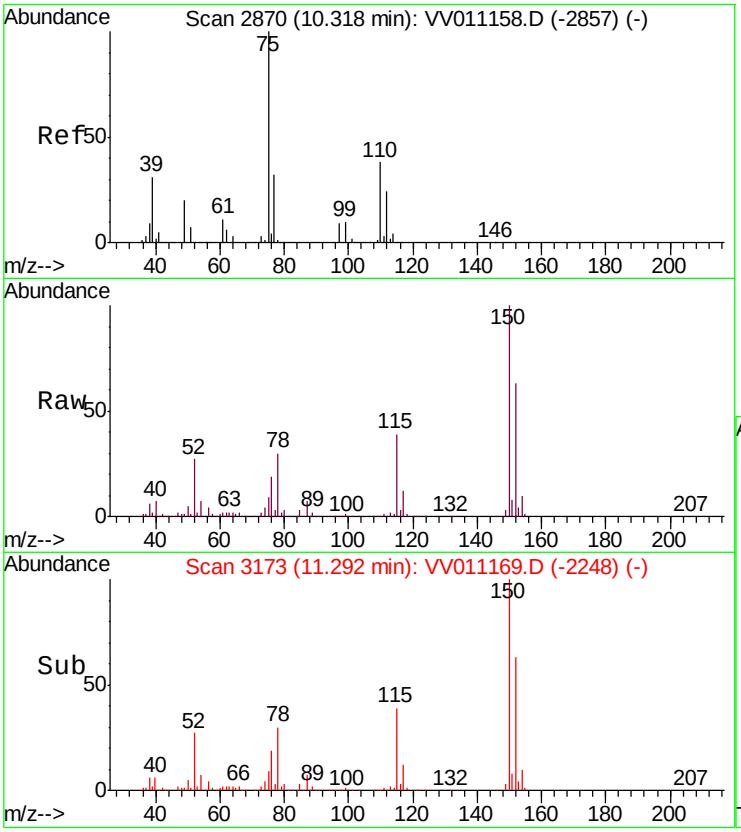


#25
Chloroform
Concen: 3.291 ug/L
RT: 4.42 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VV011169.D
Acq: 31 May 2019 08:29

Tgt Ion: 83 Resp: 34350

Ion	Ratio	Lower	Upper
83	100		
85	70.3	45.6	84.6





#59
1,2,3-Trichloropropane
Concen: 4.744 ug/L
RT: 11.29 min Scan# 3173
Delta R.T. 0.97 min
Lab File: VV011169.D
Acq: 31 May 2019 08:29

Instrument :
MSVOA_V
ClientSampleId :
VIBLK42

Tgt Ion: 75 Resp: 21926

Ion	Ratio	Lower	Upper
75	100		
77	37.0	25.7	38.5