Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032819\
Data File : VV009987.D
Acq On : 29 Mar 2019 01:49
Operator : SY/MD
Sample : K2122-09
Misc : 5.16G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF5D0

Quant Time: Mar 29 04:48:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 29 04:20:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	168288	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	151969	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	51714	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	70316	20.59	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 82.36%			
7) Chloroethane-d5	1.57	69	83493	22.64	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 90.56%			
10) 1,1-Dichloroethene-d2	2.12	63	73779	7.90	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 31.60%#			
20) 2-Butanone-d5	3.93	46	20361	32.00	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 64.00%			
24) Chloroform-d	4.40	84	106043	24.73	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 98.92%			
26) 1,2-Dichloroethane-d4	5.08	65	65218	25.28	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.12%			
29) Benzene-d6	5.09	84	219179	27.46	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 109.84%			
33) 1,2-Dichloropropane-d6	6.11	67	66304	28.40	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 113.60%			
37) Toluene-d8	7.36	98	184945	24.48	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 97.92%			
38) trans-1,3-Dichloropropene-	7.66	79	19317	20.22	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 80.88%			
39) 2-Hexanone-d5	8.13	63	13526	31.04	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 62.08%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	45987	19.89	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 79.56%			
61) 1,2-Dichlorobenzene-d4	11.67	152	49431	25.11	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 100.44%			
Target Compounds						Qvalue
13) Acetone	2.18	43	5314	5.515	ug/L	94
16) Methylene chloride	2.53	84	16687	6.021	ug/L	98

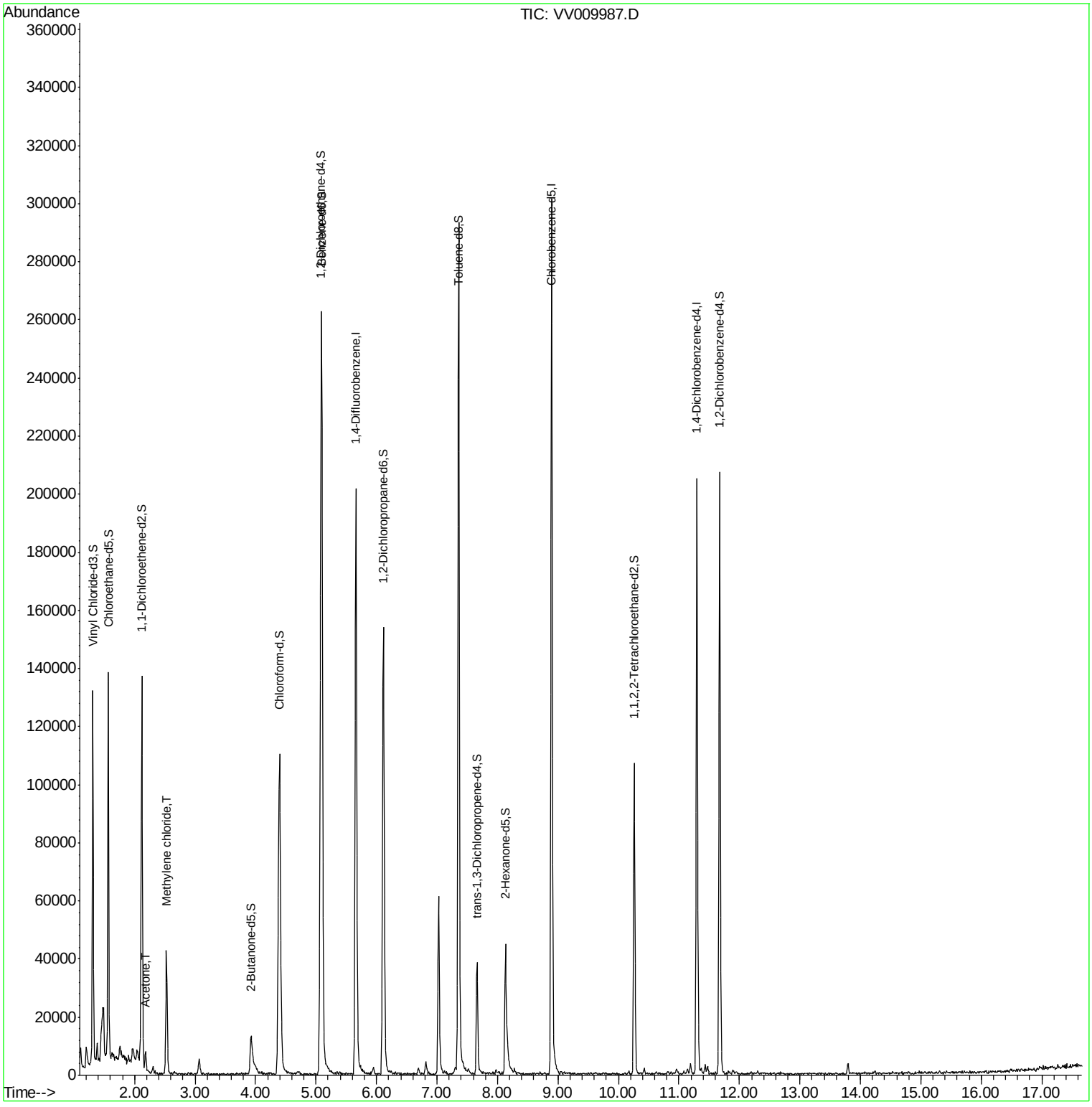
(#) = qualifier out of range (m) = manual integration (+) = signals summed

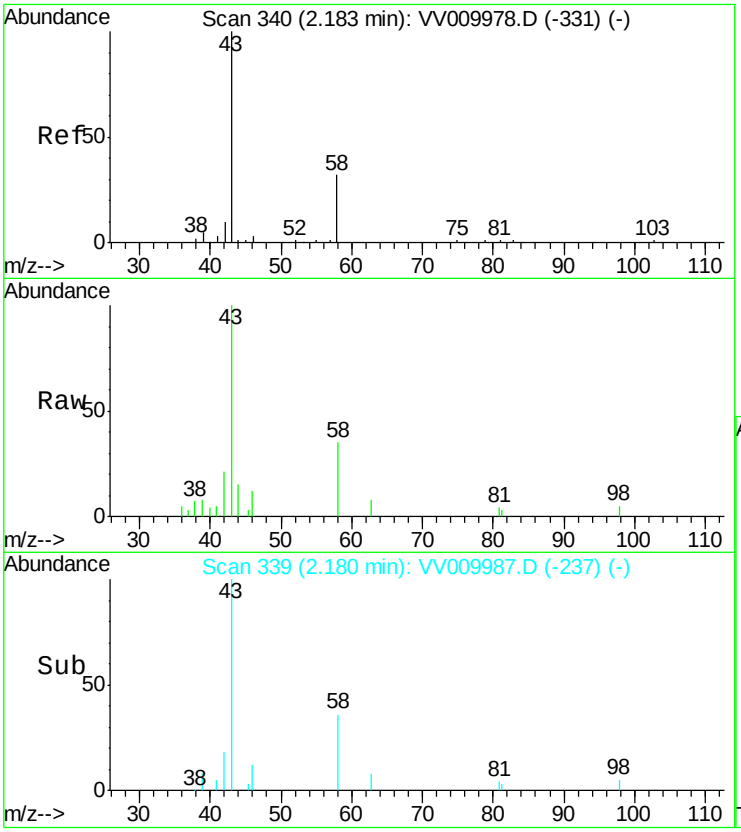
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032819\
Data File : VV009987.D
Acq On : 29 Mar 2019 01:49
Operator : SY/MD
Sample : K2122-09
Misc : 5.16G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF5D0

Quant Time: Mar 29 04:48:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 29 04:20:29 2019
Response via : Initial Calibration



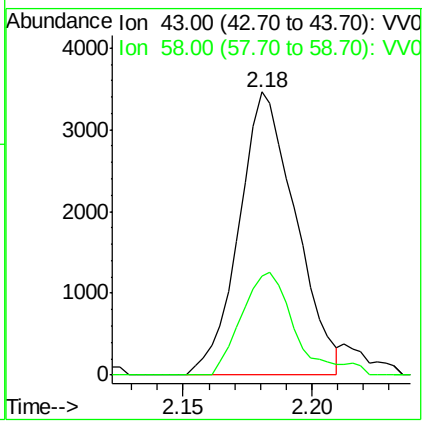


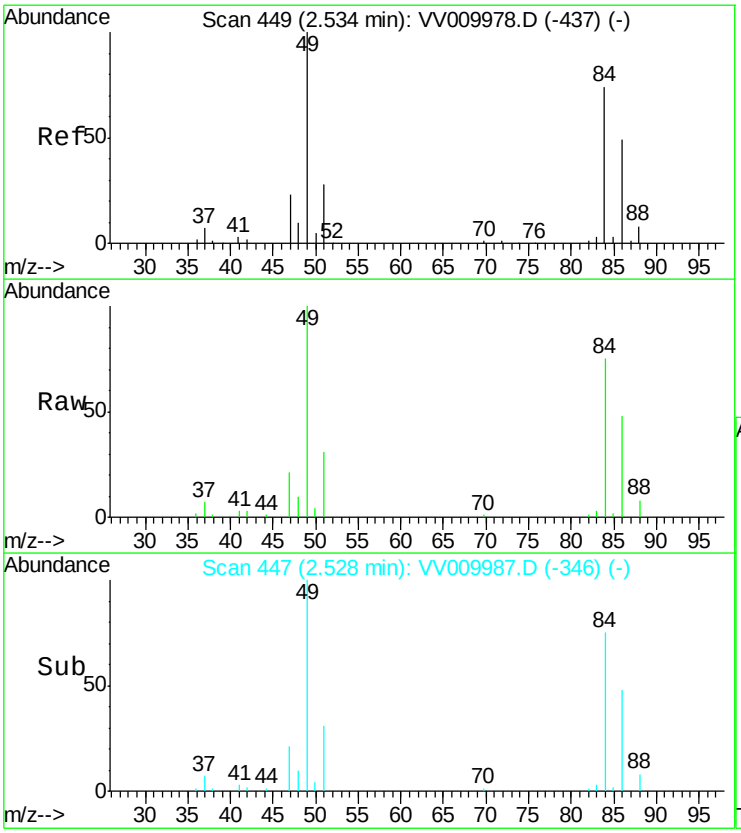
#13
Acetone
Concen: 5.515 ug/L
RT: 2.18 min Scan# 339
Delta R.T. -0.00 min
Lab File: VV009987.D
Acq: 29 Mar 2019 01:49

Instrument : MSVOA_V
ClientSampleId : BF5D0

Tgt Ion: 43 Resp: 5314

Ion	Ratio	Lower	Upper
43	100		
58	32.7	0.0	59.4





#16
Methylene chloride
Concen: 6.021 ug/L
RT: 2.53 min Scan# 447
Delta R.T. -0.01 min
Lab File: VV009987.D
Acq: 29 Mar 2019 01:49

Tgt Ion: 84 Resp: 16687

Ion	Ratio	Lower	Upper
84	100		
49	132.8	90.4	167.8
86	63.3	44.0	81.6