Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV040819\
Data File : VV010179.D
Acq On : 08 Apr 2019 16:41
Operator : SY/MD
Sample : K2218-10
Misc : 4.99G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF600

Quant Time: Apr 09 06:40:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 09 05:31:28 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	26403	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	33244	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	13081	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	1479	4.18	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 16.72%#			
7) Chloroethane-d5	1.58	69	3153	7.18	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 28.72%#			
10) 1,1-Dichloroethene-d2	2.13	63	4140	4.64	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 18.56%#			
20) 2-Butanone-d5	3.94	46	19288	191.76	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 383.52%#			
24) Chloroform-d	4.41	84	18678	28.08	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 112.32%			
26) 1,2-Dichloroethane-d4	5.08	65	22601	60.73	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 242.92%#			
29) Benzene-d6	5.10	84	28396	16.47	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 65.88%			
33) 1,2-Dichloropropane-d6	6.12	67	16609	32.64	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 130.56%#			
37) Toluene-d8	7.36	98	21477	12.93	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 51.72%			
38) trans-1,3-Dichloropropene-	7.67	79	5445	25.04	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 100.16%			
39) 2-Hexanone-d5	8.14	63	10504	102.94	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 205.88%#			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	32136	64.04	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 256.16%#			
61) 1,2-Dichlorobenzene-d4	11.68	152	14137	27.74	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 110.96%			
Target Compounds						Qvalue
13) Acetone	2.19	43	4167	41.903	ug/L	99
16) Methylene chloride	2.54	84	7430	16.017	ug/L	97

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

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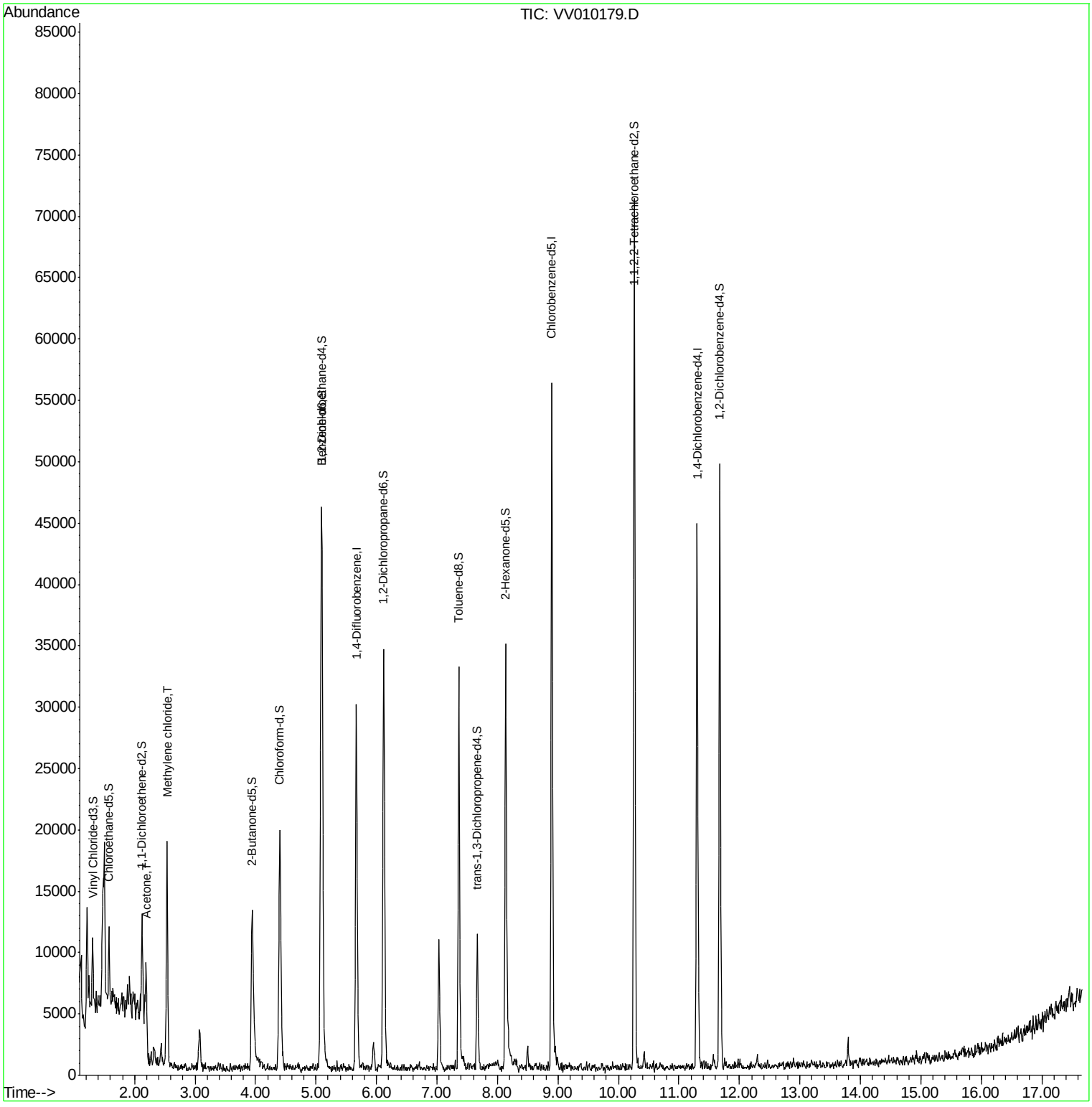
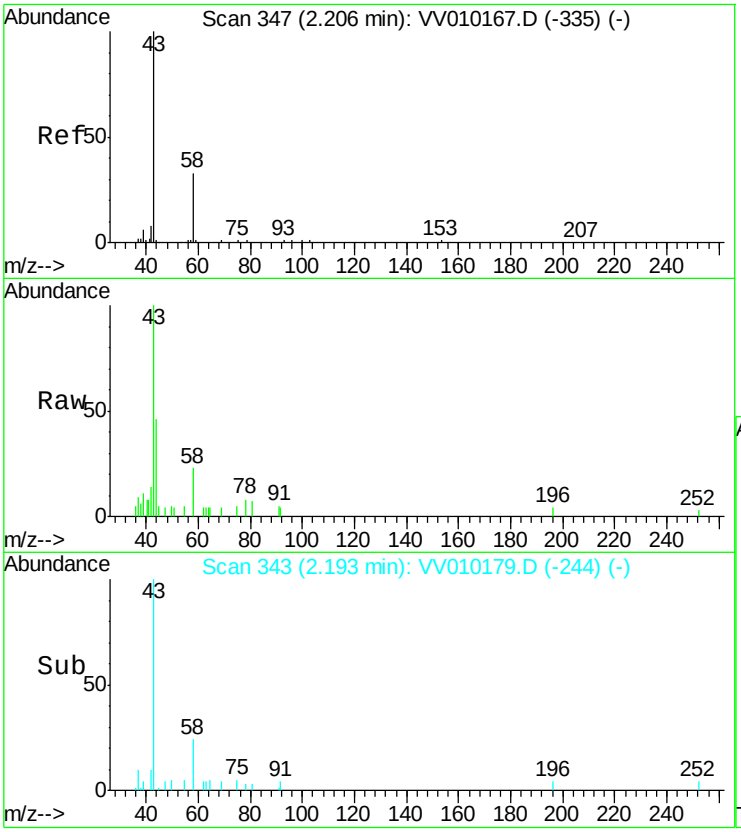


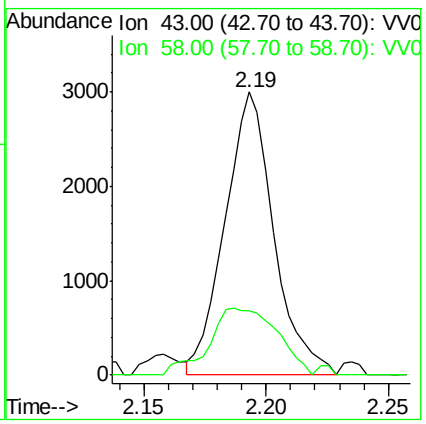


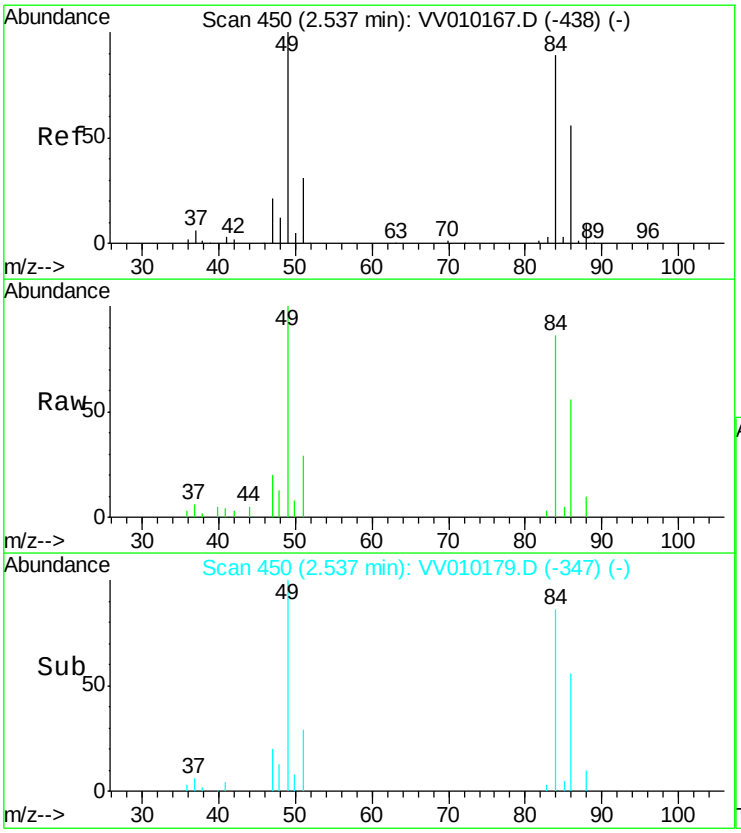
#13
Acetone
Concen: 41.903 ug/L
RT: 2.19 min Scan# 343
Delta R.T. -0.01 min
Lab File: VV010179.D
Acq: 08 Apr 2019 16:41

Instrument : MSVOA_V
ClientSampleId : BF600

Tgt Ion: 43 Resp: 4167

Ion	Ratio	Lower	Upper
43	100		
58	33.0	0.0	64.6





#16
Methylene chloride
Concen: 16.017 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV010179.D
Acq: 08 Apr 2019 16:41

Tgt Ion: 84 Resp: 7430

Ion	Ratio	Lower	Upper
84	100		
49	115.7	84.3	156.5
86	64.8	45.4	84.2