Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV040819\
Data File : VV010181.D
Acq On : 08 Apr 2019 17:33
Operator : SY/MD
Sample : K2218-12
Misc : 3.87G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF632

Quant Time: Apr 09 06:50:11 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	147981	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	130656	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	38777	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	20409	10.30	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 41.20%			
7) Chloroethane-d5	1.57	69	37507	15.24	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 60.96%			
10) 1,1-Dichloroethene-d2	2.13	63	50698	10.14	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 40.56%#			
20) 2-Butanone-d5	3.95	46	26070	46.24	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 92.48%			
24) Chloroform-d	4.40	84	94858	25.44	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 101.76%			
26) 1,2-Dichloroethane-d4	5.09	65	71612	34.33	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 137.32%#			
29) Benzene-d6	5.10	84	167600	24.74	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 98.96%			
33) 1,2-Dichloropropane-d6	6.12	67	63491	31.75	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 127.00%#			
37) Toluene-d8	7.36	98	133452	20.44	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 81.76%			
38) trans-1,3-Dichloropropene-	7.67	79	17663	20.66	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 82.64%			
39) 2-Hexanone-d5	8.14	63	12047	30.04	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 60.08%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	66577	33.76	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 135.04%#			
61) 1,2-Dichlorobenzene-d4	11.68	152	33777	22.36	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 89.44%			
Target Compounds						Qvalue
13) Acetone	2.20	43	4390	7.876	ug/L	83
16) Methylene chloride	2.54	84	11222	4.316	ug/L	97

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

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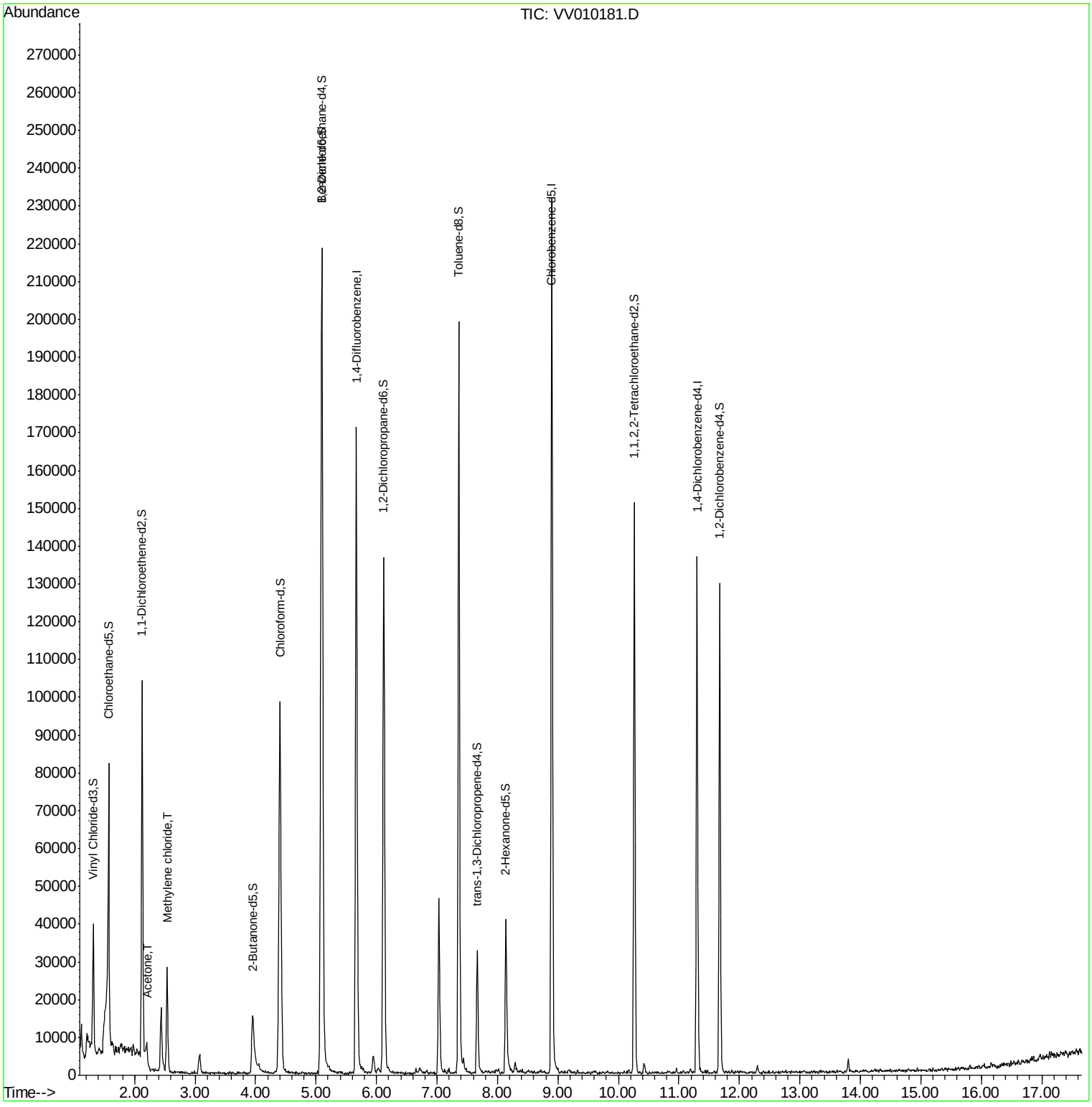
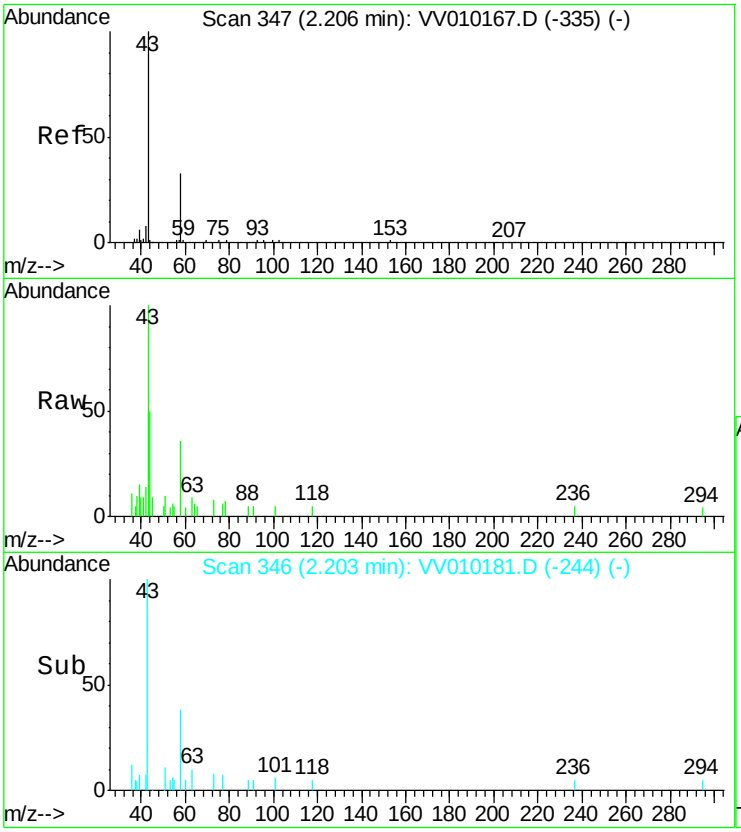


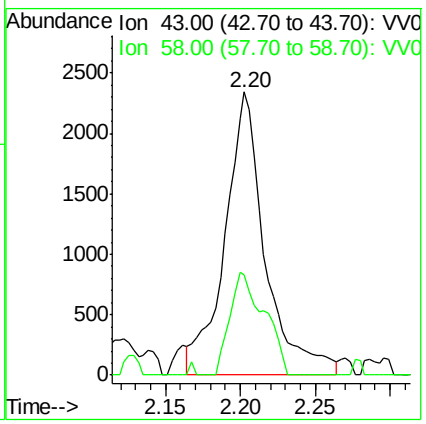


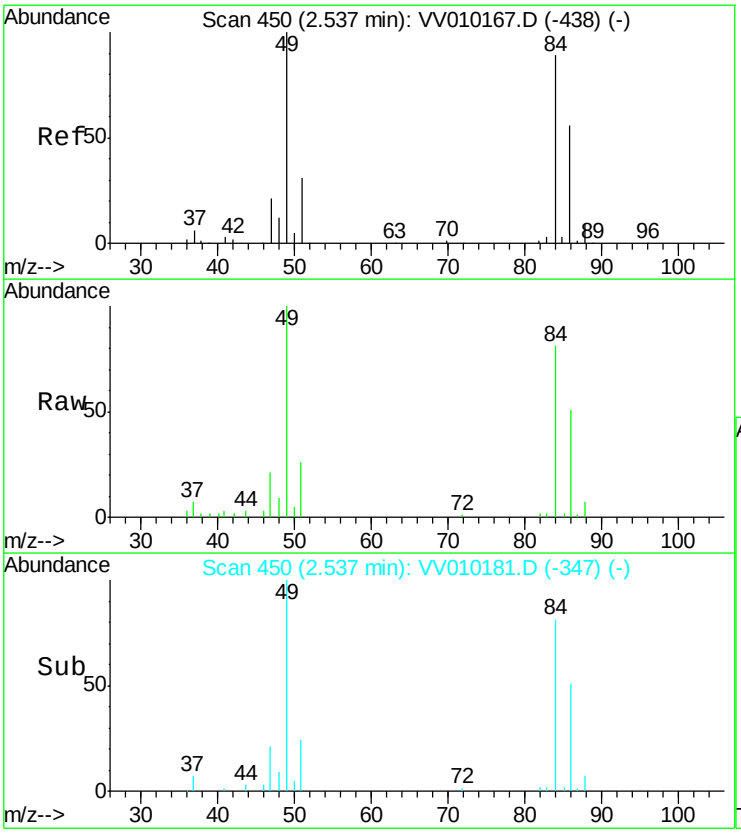
#13
Acetone
Concen: 7.876 ug/L
RT: 2.20 min Scan# 346
Delta R.T. -0.00 min
Lab File: VV010181.D
Acq: 08 Apr 2019 17:33

Instrument : MSVOA_V
ClientSampleId : BF632

Tgt Ion: 43 Resp: 4390

Ion	Ratio	Lower	Upper
43	100		
58	22.7	0.0	64.6





#16
Methylene chloride
Concen: 4.316 ug/L
RT: 2.54 min Scan# 450
Delta R.T. -0.00 min
Lab File: VV010181.D
Acq: 08 Apr 2019 17:33

Tgt Ion: 84 Resp: 11222

Ion	Ratio	Lower	Upper
84	100		
49	123.7	84.3	156.5
86	63.4	45.4	84.2