Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV040819\
Data File : VV010178.D
Acq On : 08 Apr 2019 16:14
Operator : SY/MD
Sample : K2218-09
Misc : 4.18G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF5Z9

Quant Time: Apr 09 06:38:02 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	209585	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	218748	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	88307	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	20796	7.41	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 29.64%#			
7) Chloroethane-d5	1.57	69	41903	12.02	ug/L	-0.02
Spiked Amount 25.000	Range 30 - 150		Recovery = 48.08%			
10) 1,1-Dichloroethene-d2	2.12	63	56041	7.92	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 31.68%#			
20) 2-Butanone-d5	3.95	46	42625	53.39	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 106.78%			
24) Chloroform-d	4.40	84	108257	20.50	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 82.00%			
26) 1,2-Dichloroethane-d4	5.08	65	80043	27.10	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 108.40%			
29) Benzene-d6	5.10	84	204429	18.02	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 72.08%			
33) 1,2-Dichloropropane-d6	6.12	67	74511	22.26	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 89.04%			
37) Toluene-d8	7.36	98	179555	16.43	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 65.72%			
38) trans-1,3-Dichloropropene-	7.67	79	24283	16.97	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 67.88%			
39) 2-Hexanone-d5	8.14	63	27801	41.41	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 82.82%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	82513	24.99	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 99.96%			
61) 1,2-Dichlorobenzene-d4	11.68	152	77058	22.40	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 89.60%			
Target Compounds						Qvalue
13) Acetone	2.20	43	4808	6.091	ug/L	95
16) Methylene chloride	2.53	84	9319	2.531	ug/L	94

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

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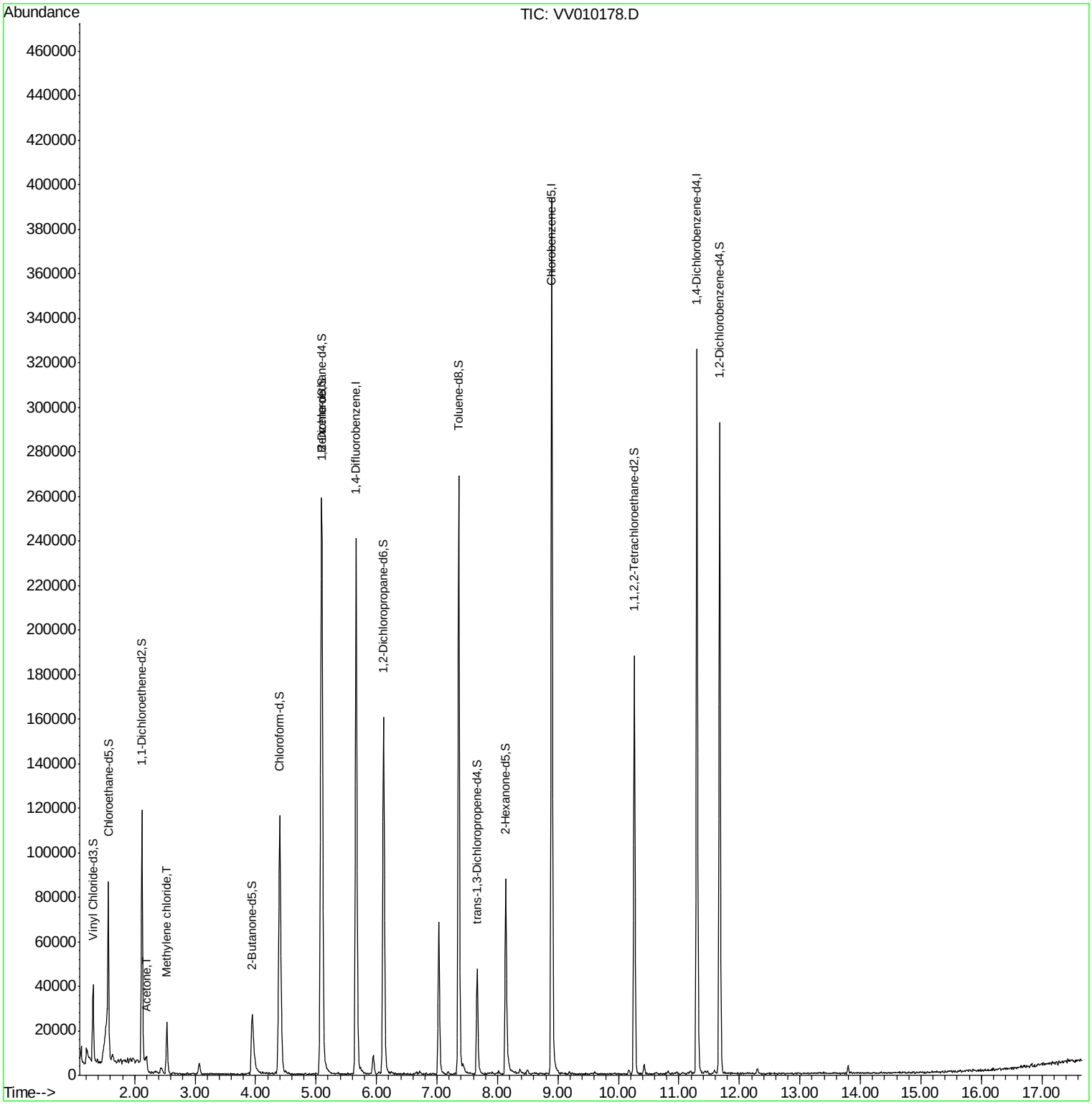
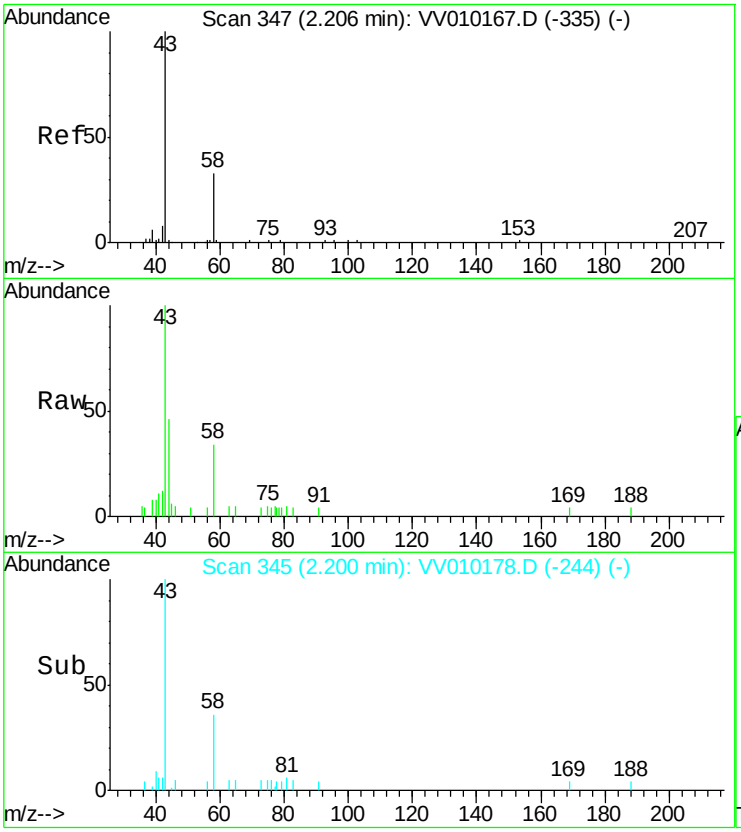


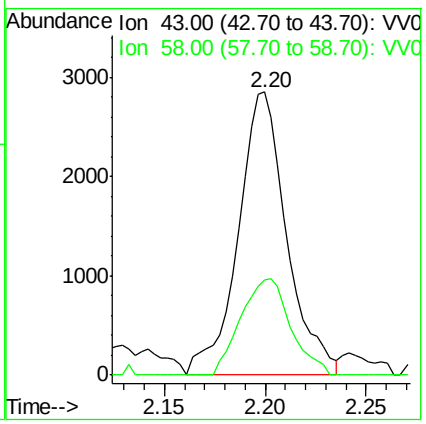


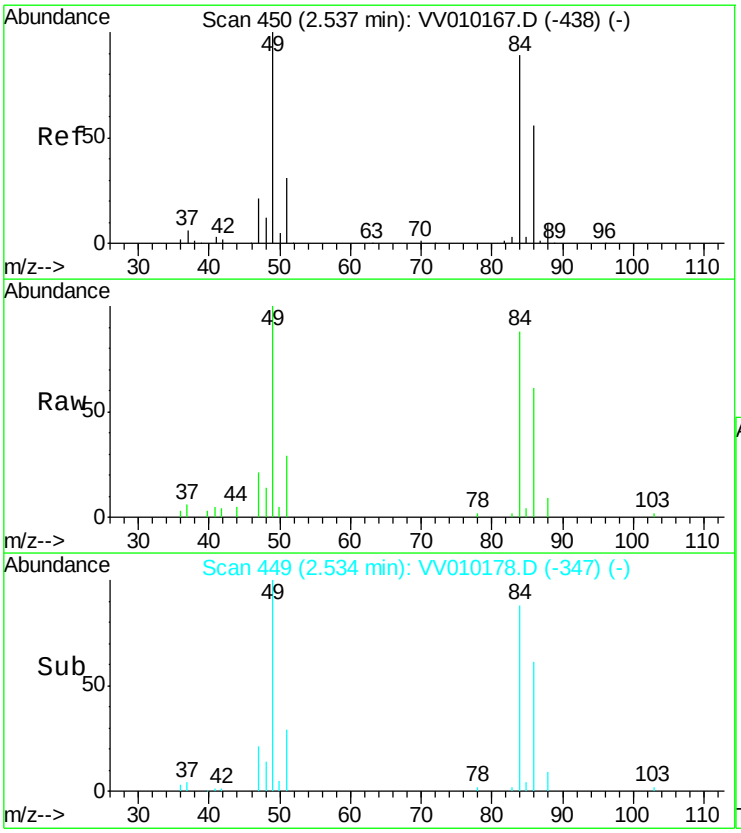
#13
Acetone
Concen: 6.091 ug/L
RT: 2.20 min Scan# 345
Delta R.T. -0.01 min
Lab File: VV010178.D
Acq: 08 Apr 2019 16:14

Instrument : MSVOA_V
ClientSampleId : BF5Z9

Tgt Ion: 43 Resp: 4808

Ion	Ratio	Lower	Upper
43	100		
58	35.0	0.0	64.6





#16
Methylene chloride
Concen: 2.531 ug/L
RT: 2.53 min Scan# 449
Delta R.T. -0.00 min
Lab File: VV010178.D
Acq: 08 Apr 2019 16:14

Tgt Ion: 84 Resp: 9319

Ion	Ratio	Lower	Upper
84	100		
49	113.6	84.3	156.5
86	69.1	45.4	84.2