Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV122018\
Data File : VV009088.D
Acq On : 20 Dec 2018 17:02
Operator : SY/MD
Sample : J6471-02
Misc : 5.54 G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9H11

Quant Time: Dec 21 01:07:49 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 21 00:25:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	199022	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	167043	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	62801	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	41940	20.36	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 81.44%			
7) Chloroethane-d5	1.58	69	44046	28.95	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 115.80%			
10) 1,1-Dichloroethene-d2	2.13	63	84939	16.50	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 66.00%			
20) 2-Butanone-d5	3.94	46	29530	39.38	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 78.76%			
24) Chloroform-d	4.40	84	115620	24.17	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 96.68%			
26) 1,2-Dichloroethane-d4	5.08	65	69366	26.57	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 106.28%			
29) Benzene-d6	5.10	84	226862	24.32	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 97.28%			
33) 1,2-Dichloropropane-d6	6.12	67	68928	26.39	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 105.56%			
37) Toluene-d8	7.36	98	199018	23.05	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 92.20%			
38) trans-1,3-Dichloropropene-	7.67	79	28016	24.41	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 97.64%			
39) 2-Hexanone-d5	8.14	63	16963	35.45	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 70.90%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	51409	23.46	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 93.84%			
61) 1,2-Dichlorobenzene-d4	11.68	152	57493	24.39	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 97.56%			
Target Compounds						Qvalue
13) Acetone	2.20	43	2883	2.610	ug/L	88
16) Methylene chloride	2.53	84	6094	1.818	ug/L	96

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

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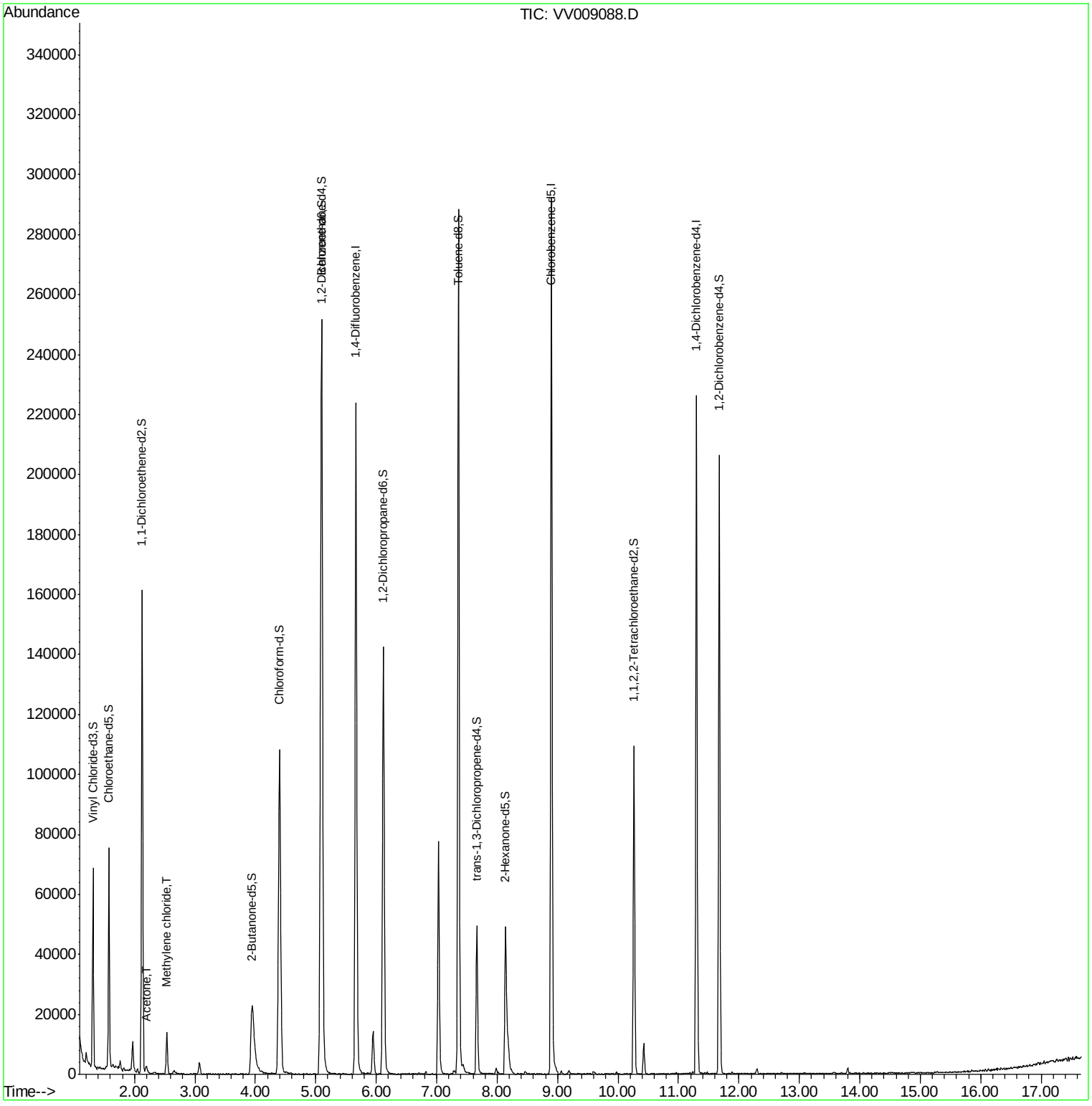
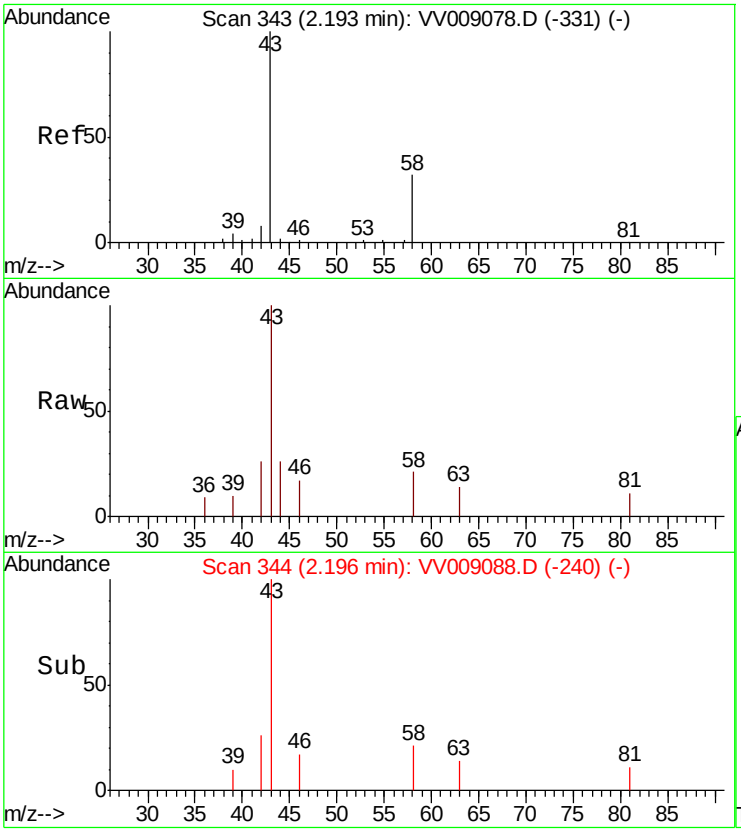


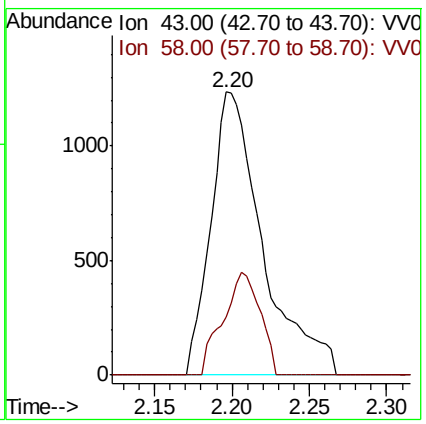


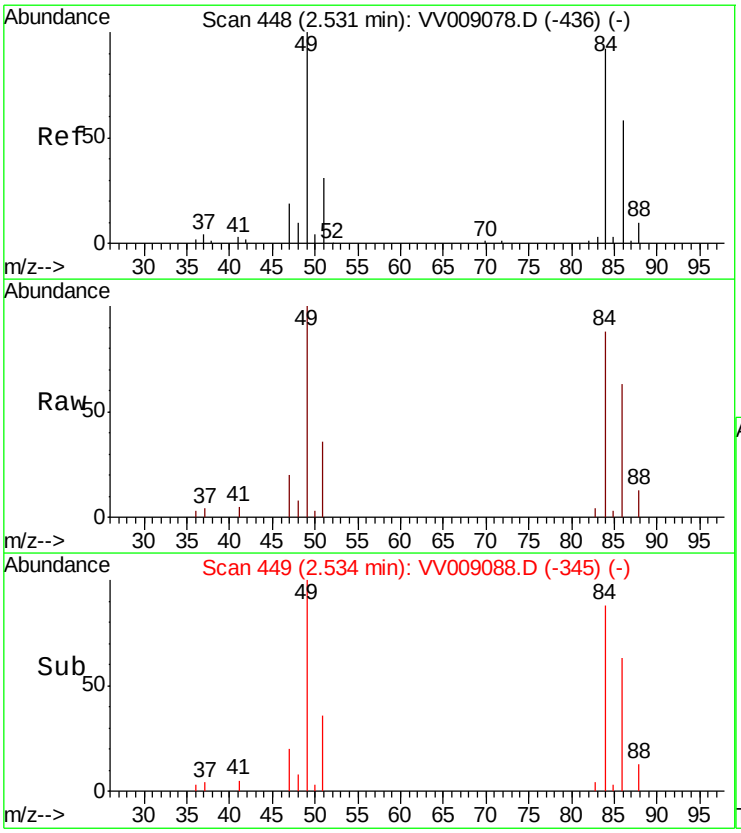
#13
Acetone
Concen: 2.610 ug/L
RT: 2.20 min Scan# 344
Delta R.T. 0.00 min
Lab File: VV009088.D
Acq: 20 Dec 2018 17:02

Instrument :
MSVOA_V
ClientSampleId :
F9H11

Tgt Ion: 43 Resp: 2883

Ion	Ratio	Lower	Upper
43	100		
58	25.9	0.0	65.4





#16
Methylene chloride
Concen: 1.818 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV009088.D
Acq: 20 Dec 2018 17:02

Tgt Ion: 84 Resp: 6094

Ion	Ratio	Lower	Upper
84	100		
49	113.1	80.5	149.5
86	70.7	45.5	84.5