Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052019\
Data File : VV010983.D
Acq On : 21 May 2019 04:26
Operator : SY/MD
Sample : K2846-23
Misc : 4.88G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFHA5

Quant Time: May 21 05:41:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
Quant Title : VOC Analysis
QLast Update : Tue May 21 05:28:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	150599	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	145566	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	51519	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	27967	16.29	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 65.16%			
7) Chloroethane-d5	1.55	69	20822	17.91	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 71.64%			
10) 1,1-Dichloroethene-d2	2.11	63	40413	12.24	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 48.96%			
20) 2-Butanone-d5	3.94	46	26876	45.37	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 90.74%			
24) Chloroform-d	4.39	84	88664	22.73	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 90.92%			
26) 1,2-Dichloroethane-d4	5.07	65	51348	22.34	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 89.36%			
29) Benzene-d6	5.09	84	183932	23.15	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 92.60%			
33) 1,2-Dichloropropane-d6	6.11	67	63139	25.00	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 100.00%			
37) Toluene-d8	7.36	98	158771	21.49	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 85.96%			
38) trans-1,3-Dichloropropene-	7.66	79	19570	18.88	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 75.52%			
39) 2-Hexanone-d5	8.13	63	20145	42.77	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 85.54%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	53993	21.42	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 85.68%			
61) 1,2-Dichlorobenzene-d4	11.67	152	52400	25.05	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 100.20%			
Target Compounds						Qvalue
13) Acetone	2.18	43	4171	7.301	ug/L	98
16) Methylene chloride	2.52	84	9207	3.562	ug/L	97

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

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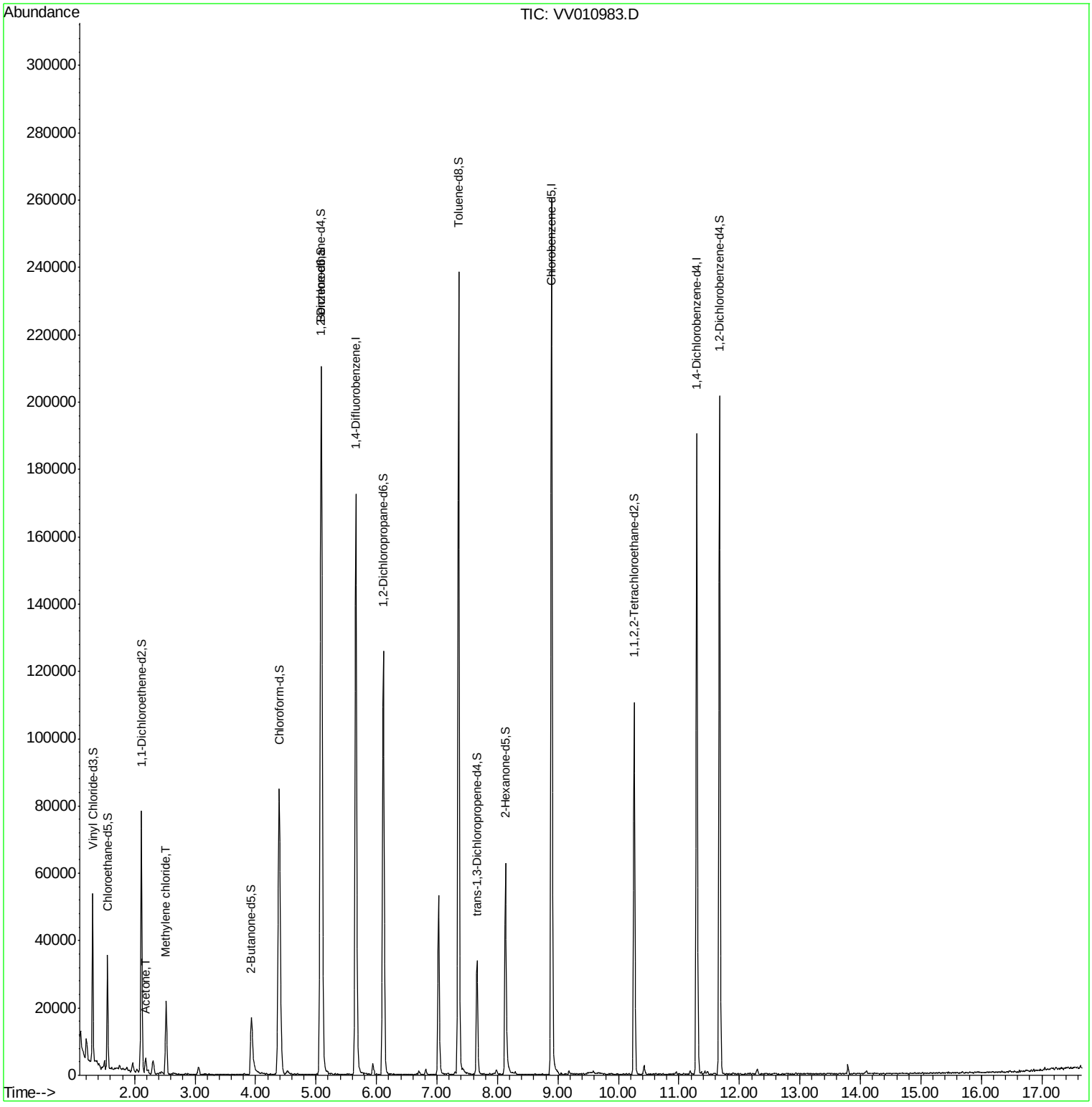
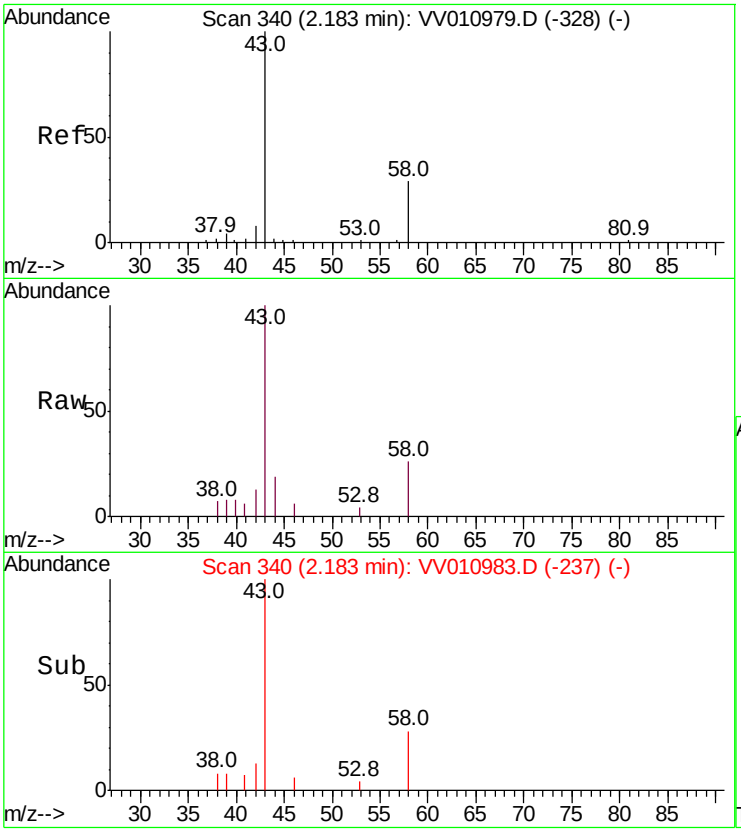


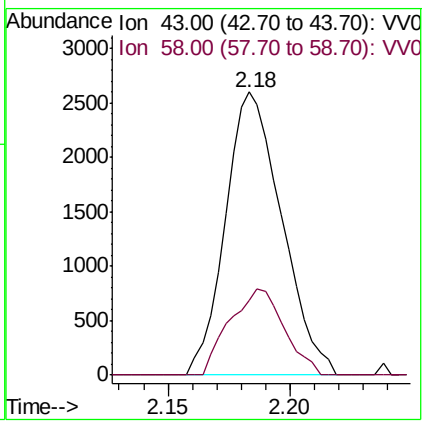


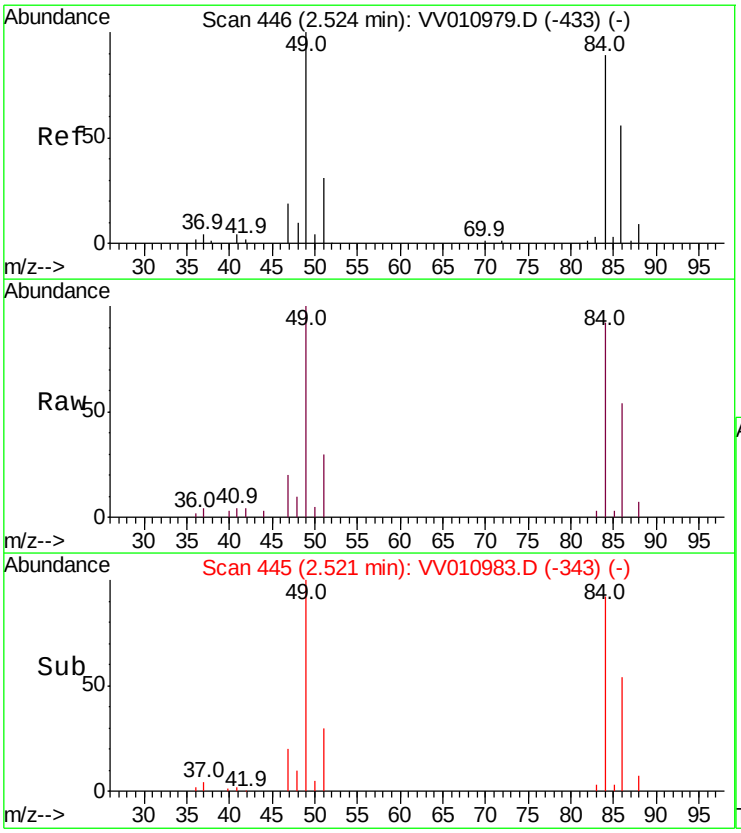
#13
Acetone
Concen: 7.301 ug/L
RT: 2.18 min Scan# 340
Delta R.T. -0.00 min
Lab File: VV010983.D
Acq: 21 May 2019 04:26

Instrument :
MSVOA_V
ClientSampleId :
BFHA5

Tgt Ion: 43 Resp: 4171

Ion	Ratio	Lower	Upper
43	100		
58	29.6	0.0	60.8





#16
Methylene chloride
Concen: 3.562 ug/L
RT: 2.52 min Scan# 445
Delta R.T. -0.00 min
Lab File: VV010983.D
Acq: 21 May 2019 04:26

Tgt Ion: 84 Resp: 9207

Ion	Ratio	Lower	Upper
84	100		
49	108.5	77.4	143.8
86	58.7	44.0	81.6