Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032819\
Data File : VV009982.D
Acq On : 28 Mar 2019 23:38
Operator : SY/MD
Sample : K2122-02
Misc : 4.31G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF5B1

Quant Time: Mar 29 04:36:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 29 04:20:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	152446	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	151990	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	62643	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	72277	23.36	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 93.44%			
7) Chloroethane-d5	1.58	69	84861	25.40	ug/L	0.01
Spiked Amount 25.000	Range 30 - 150		Recovery = 101.60%			
10) 1,1-Dichloroethene-d2	2.13	63	163679	19.34	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 77.36%			
20) 2-Butanone-d5	3.94	46	30297	52.56	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 105.12%			
24) Chloroform-d	4.40	84	106053	27.31	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 109.24%			
26) 1,2-Dichloroethane-d4	5.08	65	68470	29.29	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 117.16%			
29) Benzene-d6	5.10	84	222028	27.82	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 111.28%			
33) 1,2-Dichloropropane-d6	6.12	67	67732	29.00	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 116.00%			
37) Toluene-d8	7.36	98	196522	26.01	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 104.04%			
38) trans-1,3-Dichloropropene-	7.67	79	22354	23.40	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 93.60%			
39) 2-Hexanone-d5	8.13	63	20431	46.87	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 93.74%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	56197	24.31	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 97.24%			
61) 1,2-Dichlorobenzene-d4	11.68	152	65598	27.50	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 110.00%			
Target Compounds						Qvalue
13) Acetone	2.19	43	7380	8.456	ug/L	98
16) Methylene chloride	2.54	84	16168	6.440	ug/L	97

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

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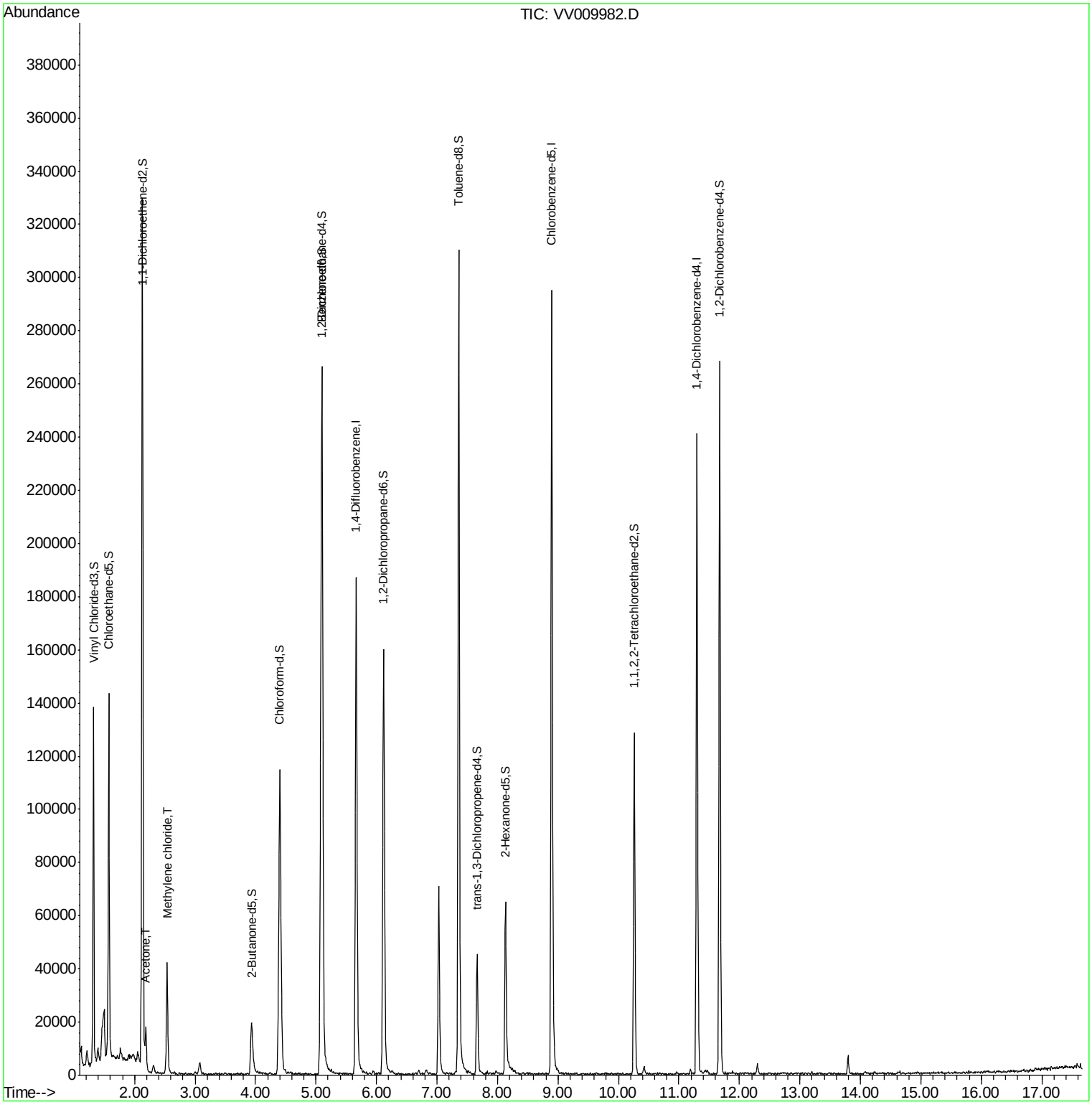
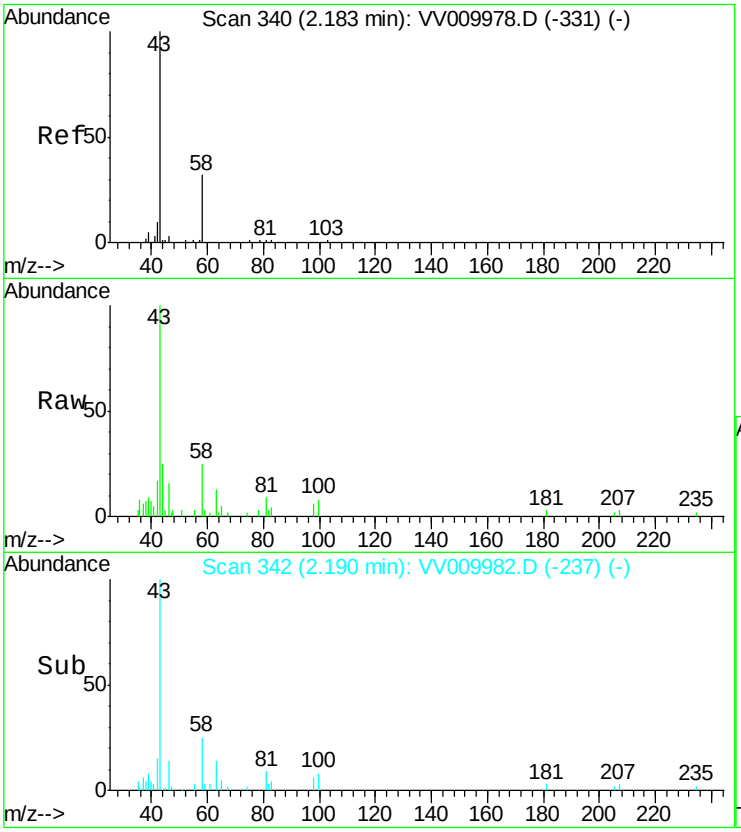


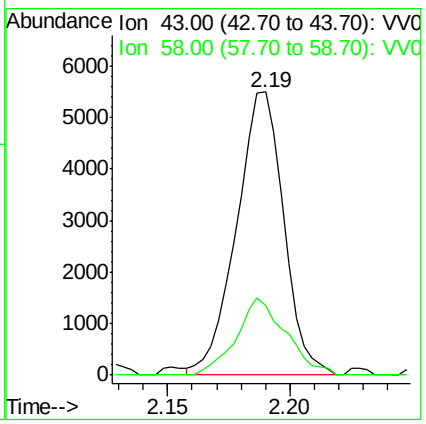


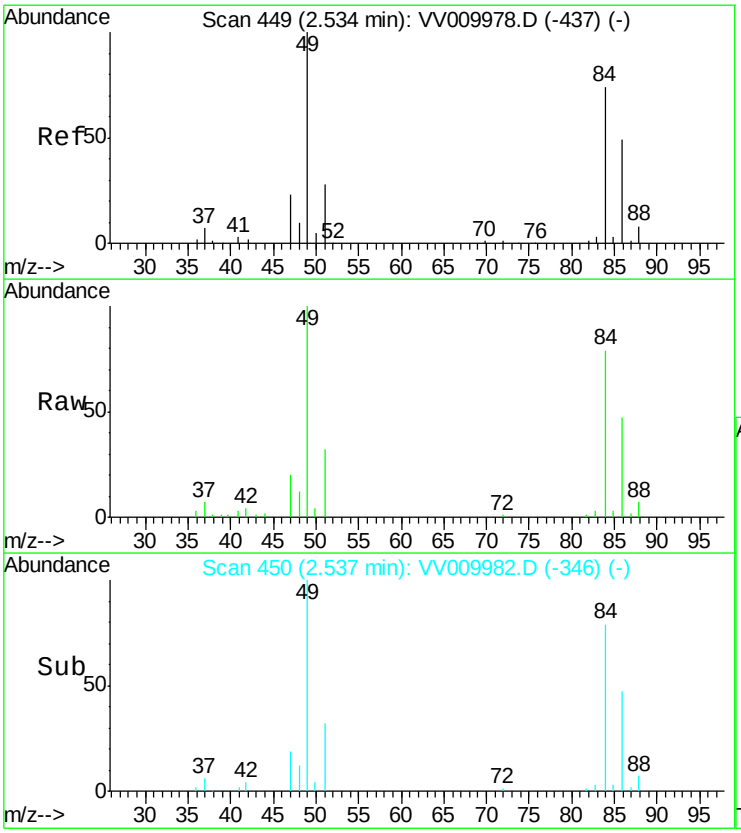
#13
Acetone
Concen: 8.456 ug/L
RT: 2.19 min Scan# 342
Delta R.T. 0.01 min
Lab File: VV009982.D
Acq: 28 Mar 2019 23:38

Instrument :
MSVOA_V
ClientSampleId :
BF5B1

Tgt Ion: 43 Resp: 7380

Ion	Ratio	Lower	Upper
43	100		
58	28.6	0.0	59.4





#16
Methylene chloride
Concen: 6.440 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV009982.D
Acq: 28 Mar 2019 23:38

Tgt Ion: 84 Resp: 16168

Ion	Ratio	Lower	Upper
84	100		
49	126.2	90.4	167.8
86	59.4	44.0	81.6