Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV031319\
Data File : VV009643.D
Acq On : 13 Mar 2019 18:45
Operator : SY/MD
Sample : K1794-01RE
Misc : 4.25G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF5N3RE

Quant Time: Mar 14 08:05:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM031319S.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 14 07:37:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	97901	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	79602	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	23509	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	16604	13.26	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 53.04%			
7) Chloroethane-d5	1.57	69	23860	15.45	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 61.80%			
10) 1,1-Dichloroethene-d2	2.13	63	40524	11.98	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 47.92%			
20) 2-Butanone-d5	3.95	46	2222	6.78	ug/L	0.02
Spiked Amount 50.000	Range 20 - 135		Recovery = 13.56%#			
24) Chloroform-d	4.40	84	60156	24.10	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 96.40%			
26) 1,2-Dichloroethane-d4	5.08	65	41229	29.19	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 116.76%			
29) Benzene-d6	5.10	84	109519	26.23	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 104.92%			
33) 1,2-Dichloropropane-d6	6.12	67	43539	35.68	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 142.72%#			
37) Toluene-d8	7.36	98	97587	24.15	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 96.60%			
38) trans-1,3-Dichloropropene-	7.67	79	4360	7.78	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 31.12%			
39) 2-Hexanone-d5	8.14	63	1766	7.86	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 15.72%#			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	30561	26.45	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 105.80%			
61) 1,2-Dichlorobenzene-d4	11.68	152	21060	23.13	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 92.52%			
Target Compounds						Qvalue
13) Acetone	2.19	43	2548	6.446	ug/L	97
16) Methylene chloride	2.53	84	3291	2.309	ug/L	92

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

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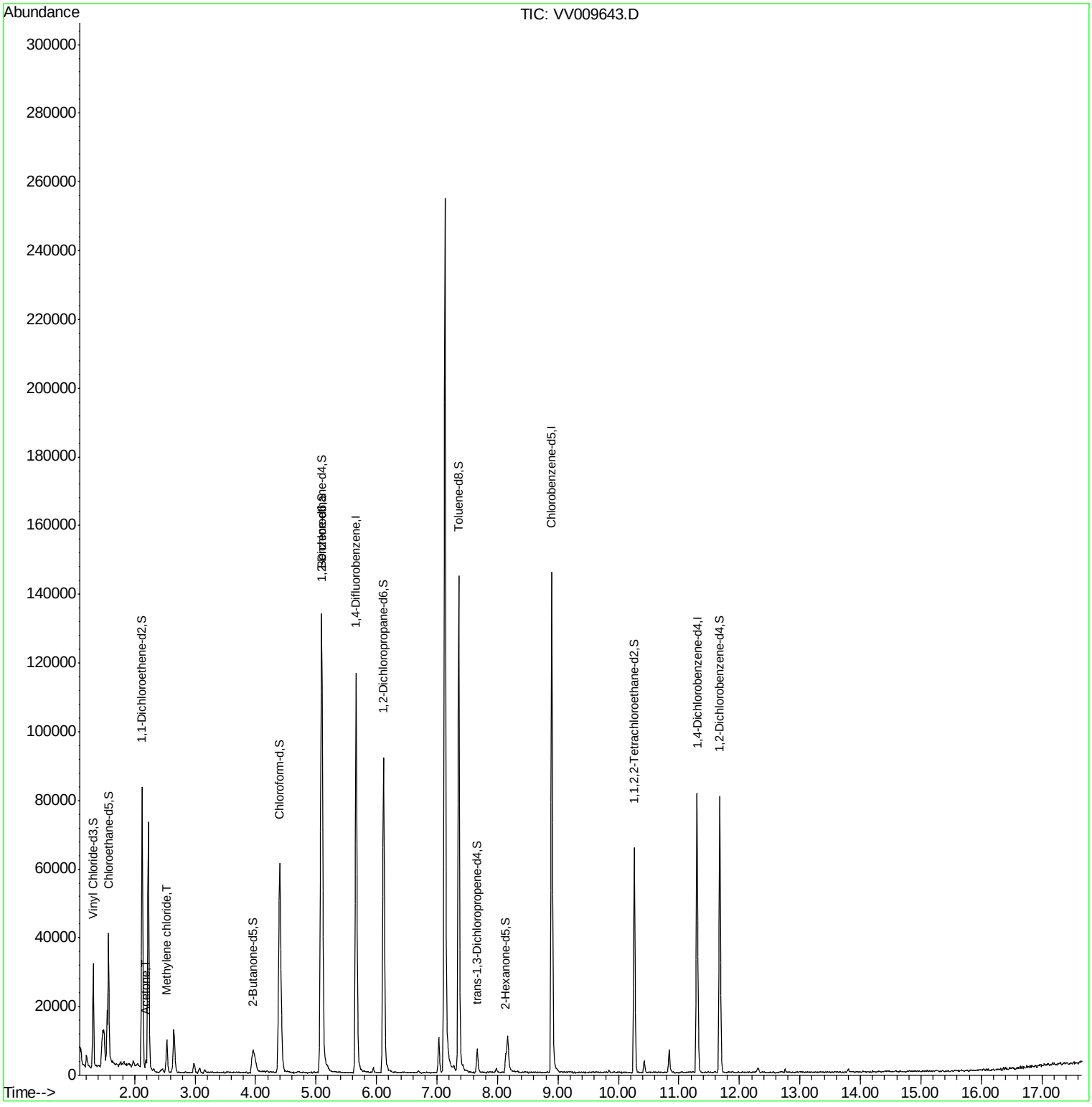
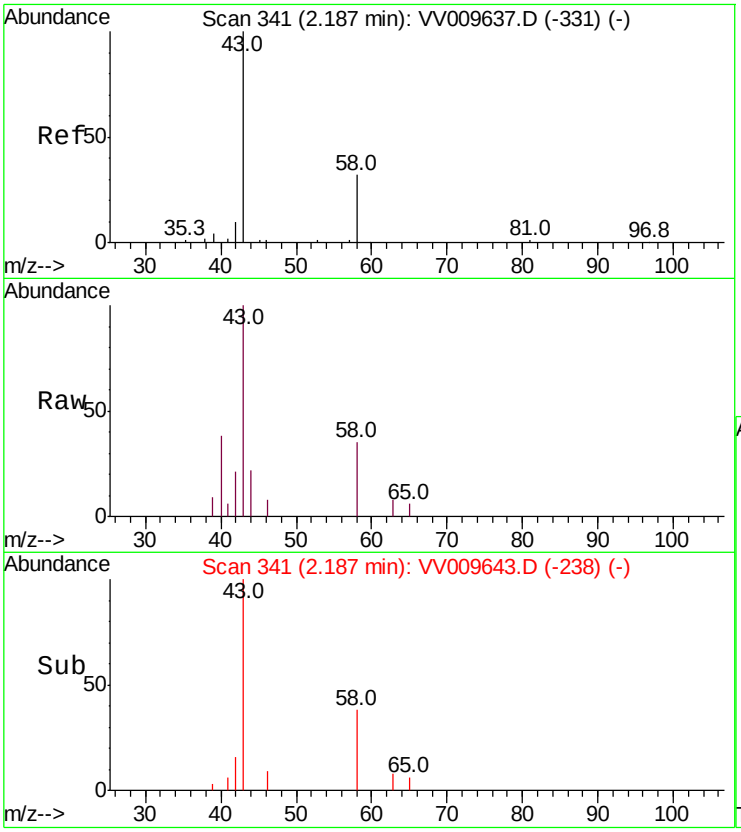


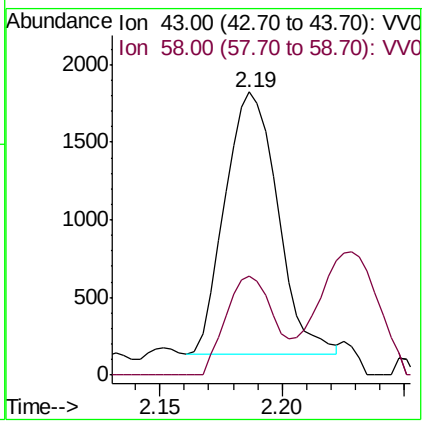


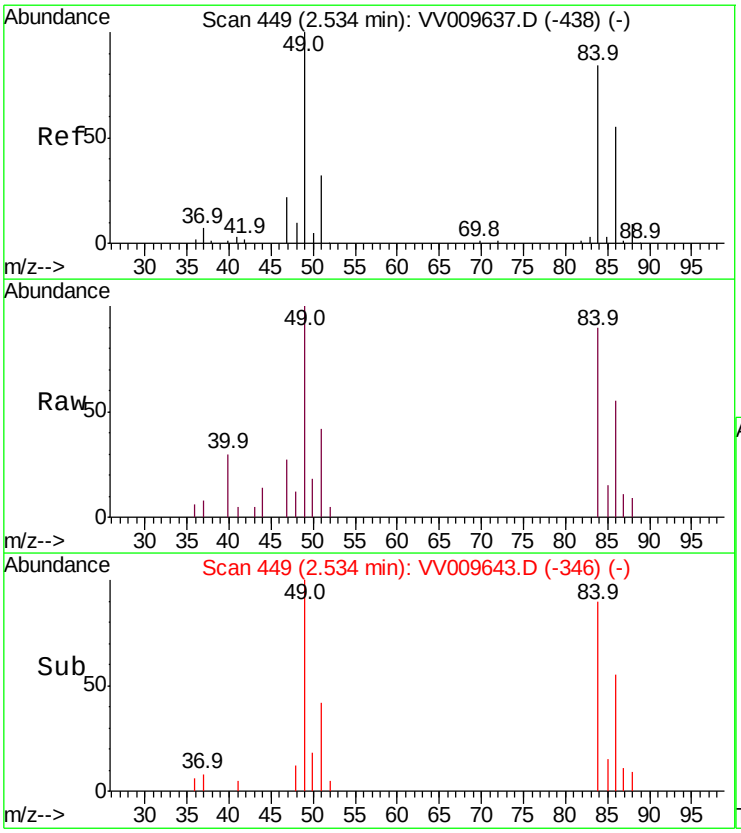
#13
Acetone
Concen: 6.446 ug/L
RT: 2.19 min Scan# 341
Delta R.T. 0.00 min
Lab File: VV009643.D
Acq: 13 Mar 2019 18:45

Instrument :
MSVOA_V
ClientSampleId :
BF5N3RE

Tgt Ion: 43 Resp: 2548

Ion	Ratio	Lower	Upper
43	100		
58	34.3	0.0	64.8





#16
Methylene chloride
Concen: 2.309 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV009643.D
Acq: 13 Mar 2019 18:45

Tgt Ion: 84 Resp: 3291

Ion	Ratio	Lower	Upper
84	100		
49	111.6	86.1	159.9
86	61.8	45.2	84.0