Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092519\
Data File : VV012979.D
Acq On : 25 Sep 2019 16:21
Operator : SY/MD
Sample : K4958-17RE
Misc : 4.61G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ESP01RE

Quant Time: Sep 26 03:28:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM092319S.M
Quant Title : VOC Analysis
QLast Update : Thu Sep 26 01:10:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	686495	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	600919	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	190780	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	152149	14.28	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 57.12%			
7) Chloroethane-d5	1.58	69	152930	17.76	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 71.04%			
10) 1,1-Dichloroethene-d2	2.13	63	207991	11.74	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 46.96%			
20) 2-Butanone-d5	3.96	46	60780	16.53	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 33.06%			
24) Chloroform-d	4.40	84	346266	18.36	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 73.44%			
26) 1,2-Dichloroethane-d4	5.08	65	210112	19.17	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 76.68%			
29) Benzene-d6	5.10	84	676658	20.17	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 80.68%			
33) 1,2-Dichloropropane-d6	6.12	67	231083	21.97	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 87.88%			
37) Toluene-d8	7.36	98	514842	16.90	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 67.60%			
38) trans-1,3-Dichloropropene-	7.66	79	49671	11.15	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 44.60%			
39) 2-Hexanone-d5	8.14	63	37843	17.88	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 35.76%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	165427	16.56	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 66.24%			
61) 1,2-Dichlorobenzene-d4	11.67	152	126136	17.02	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 68.08%#			
Target Compounds						Qvalue
13) Acetone	2.21	43	21034	5.381	ug/L	89
16) Methylene chloride	2.54	84	20428	1.991	ug/L	96

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

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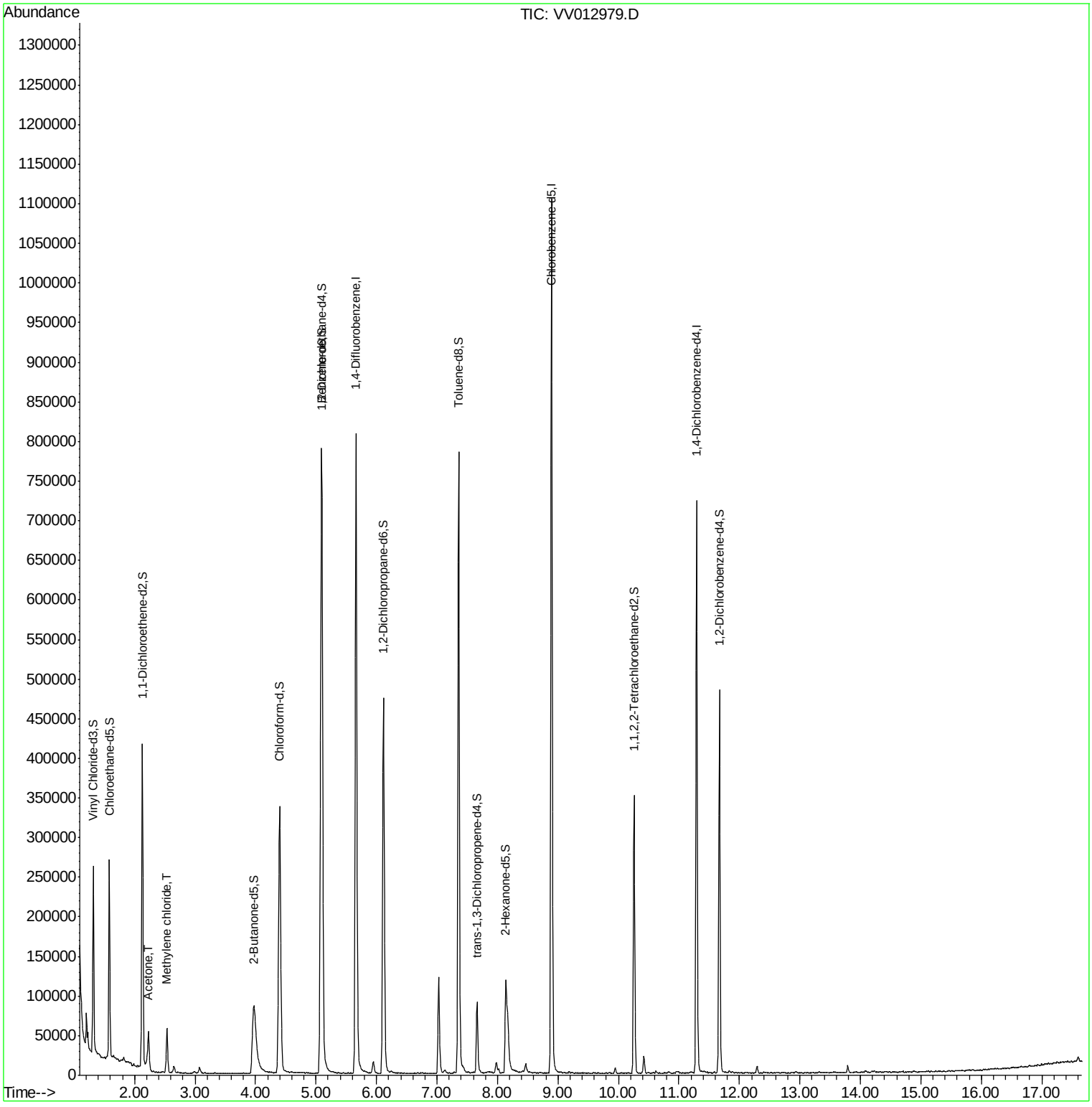
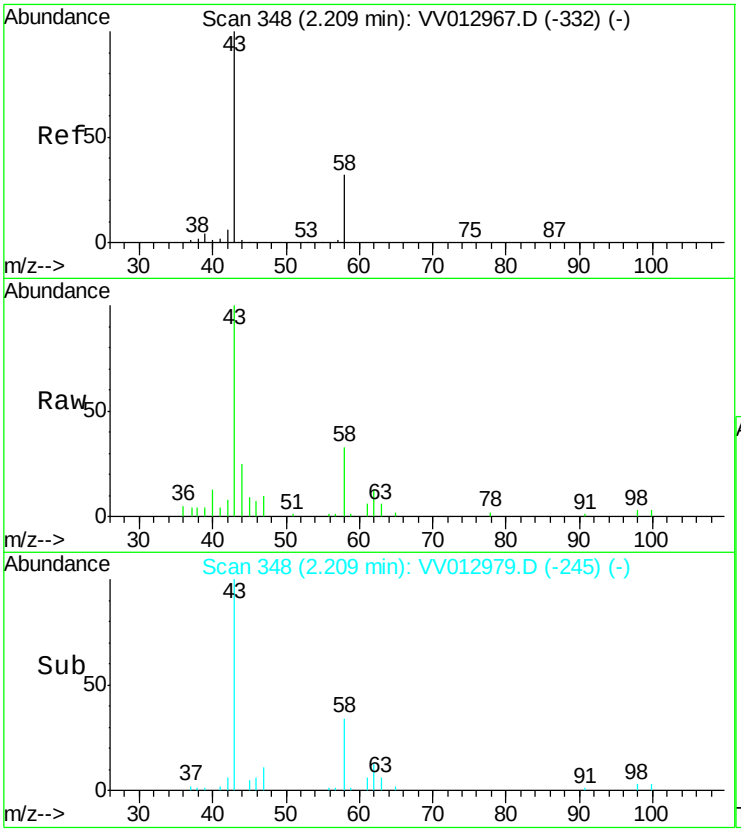


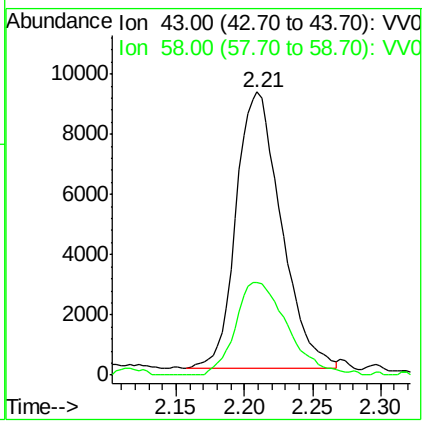


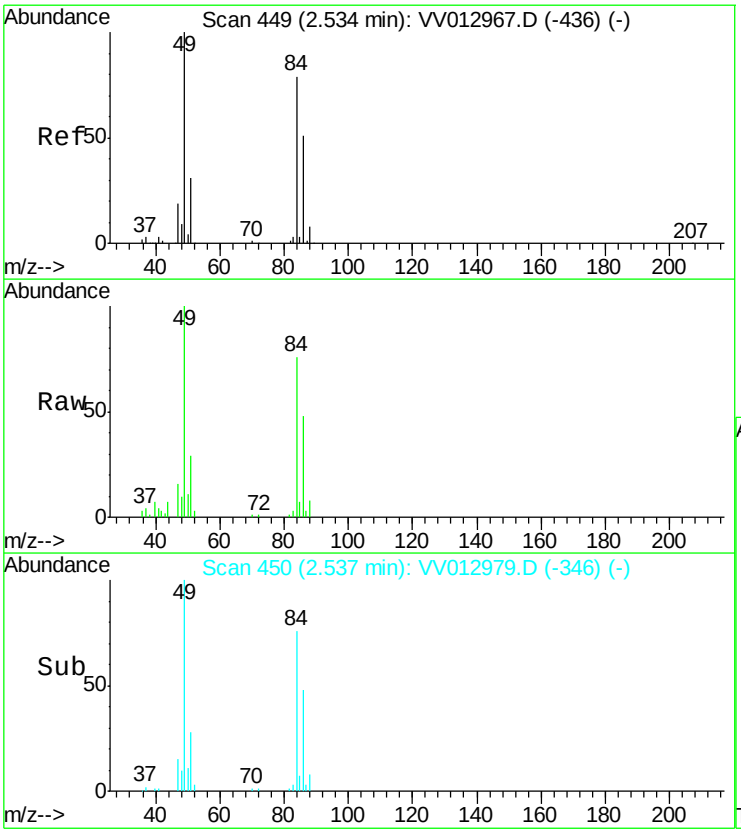
#13
Acetone
Concen: 5.381 ug/L
RT: 2.21 min Scan# 348
Delta R.T. 0.00 min
Lab File: VV012979.D
Acq: 25 Sep 2019 16:21

Instrument :
MSVOA_V
ClientSampleId :
ESP01RE

Tgt Ion: 43 Resp: 21034

Ion	Ratio	Lower	Upper
43	100		
58	38.8	0.0	65.0





#16
Methylene chloride
Concen: 1.991 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV012979.D
Acq: 25 Sep 2019 16:21

Tgt Ion: 84 Resp: 20428

Ion	Ratio	Lower	Upper
84	100		
49	131.6	88.3	164.1
86	63.0	44.9	83.3