Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV022119\
Data File : VV009322.D
Acq On : 21 Feb 2019 14:00
Operator : SY/MD
Sample : K1543-06
Misc : 3.25G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF5X3

Quant Time: Feb 22 05:52:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM022019S.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 22 04:53:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	115588	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	102000	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	38152	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	37561	24.43	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 97.72%			
7) Chloroethane-d5	1.58	69	50815	27.93	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 111.72%			
10) 1,1-Dichloroethene-d2	2.13	63	72212	19.10	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 76.40%			
20) 2-Butanone-d5	3.96	46	22721	42.22	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery = 84.44%			
24) Chloroform-d	4.40	84	60496	22.54	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 90.16%			
26) 1,2-Dichloroethane-d4	5.08	65	35468	24.37	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.48%			
29) Benzene-d6	5.10	84	130714	25.55	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 102.20%			
33) 1,2-Dichloropropane-d6	6.12	67	40615	26.98	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 107.92%			
37) Toluene-d8	7.36	98	117075	24.04	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 96.16%			
38) trans-1,3-Dichloropropene-	7.67	79	15351	19.86	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 79.44%			
39) 2-Hexanone-d5	8.14	63	18892	45.11	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 90.22%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	38700	23.51	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 94.04%			
61) 1,2-Dichlorobenzene-d4	11.68	152	33675	24.03	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 96.12%			
Target Compounds						Qvalue
13) Acetone	2.21	43	6061	11.521	ug/L	88
16) Methylene chloride	2.54	84	5291	3.026	ug/L	95

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

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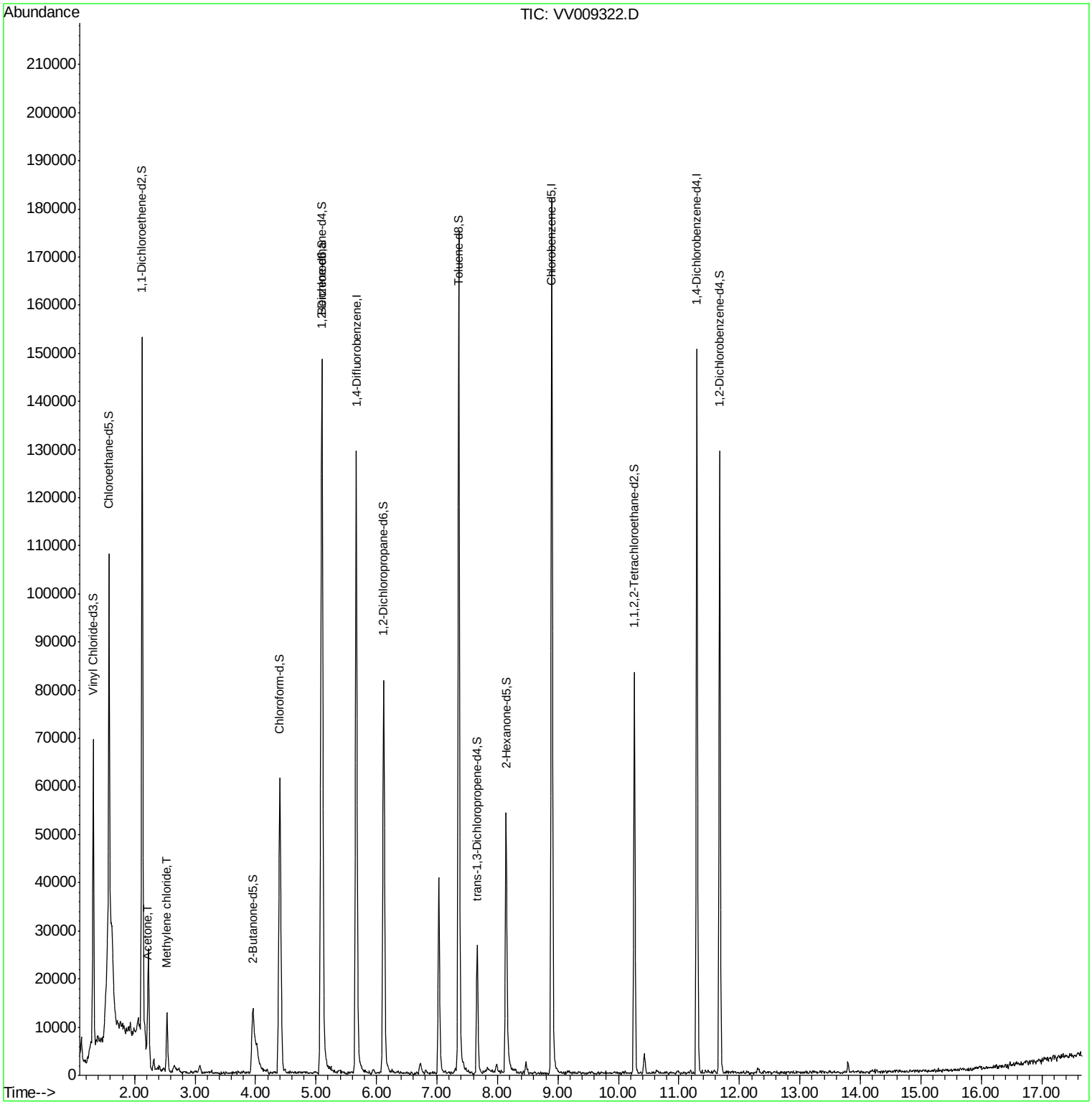
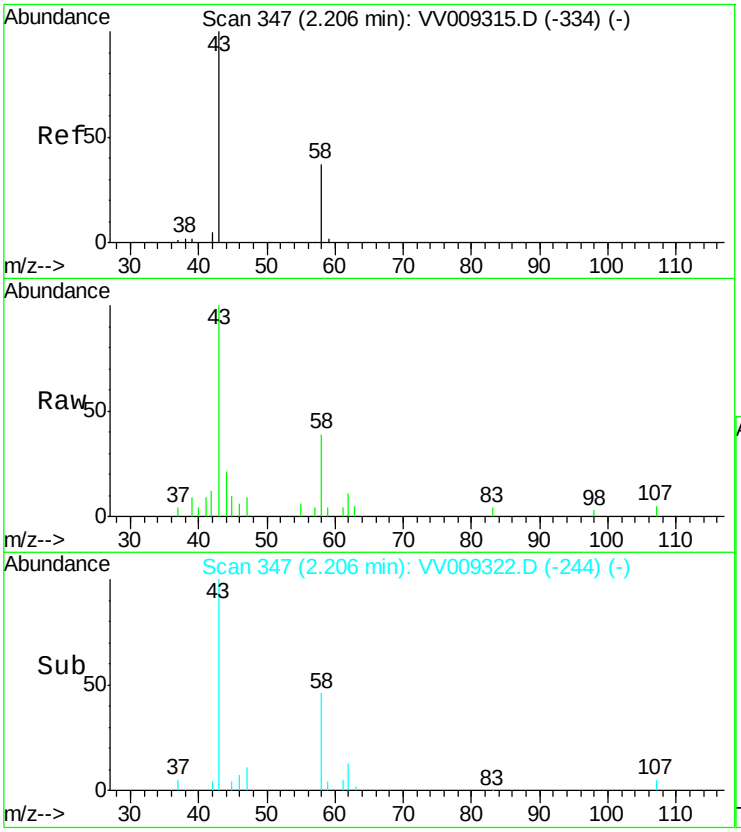


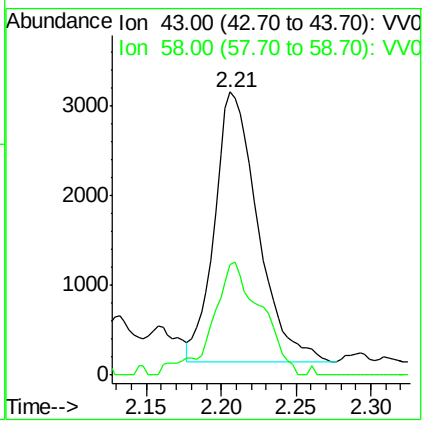


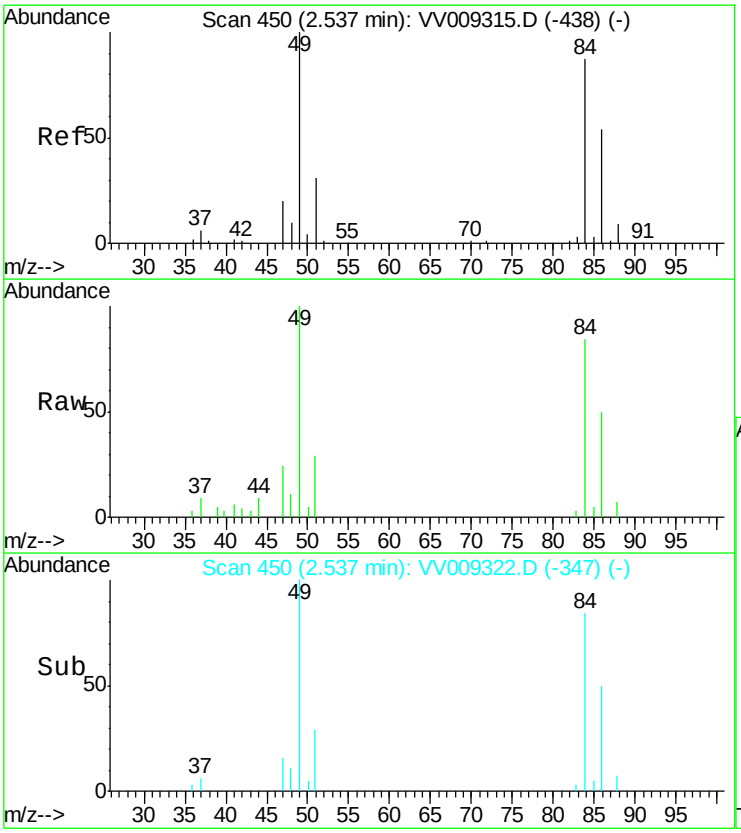
#13
Acetone
Concen: 11.521 ug/L
RT: 2.21 min Scan# 347
Delta R.T. -0.00 min
Lab File: VV009322.D
Acq: 21 Feb 2019 14:00

Instrument :
MSVOA_V
ClientSampleId :
BF5X3

Tgt Ion: 43 Resp: 6061

Ion	Ratio	Lower	Upper
43	100		
58	43.2	0.0	72.0





#16
Methylene chloride
Concen: 3.026 ug/L
RT: 2.54 min Scan# 450
Delta R.T. -0.00 min
Lab File: VV009322.D
Acq: 21 Feb 2019 14:00

Tgt Ion: 84 Resp: 5291

Ion	Ratio	Lower	Upper
84	100		
49	119.7	78.7	146.1
86	60.4	44.0	81.6