Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV022619\
Data File : VV009377.D
Acq On : 26 Feb 2019 19:56
Operator : SY/MD
Sample : K1601-08RE
Misc : 4.89G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF7Y2RE

Quant Time: Feb 27 06:11:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM022619S.M
Quant Title : VOC Analysis
QLast Update : Wed Feb 27 04:43:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	129912	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	107917	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	38120	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	43584	26.67	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 106.68%			
7) Chloroethane-d5	1.58	69	62740	29.52	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 118.08%			
10) 1,1-Dichloroethene-d2	2.13	63	87055	20.14	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 80.56%			
20) 2-Butanone-d5	3.95	46	21369	43.40	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 86.80%			
24) Chloroform-d	4.40	84	79536	25.24	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 100.96%			
26) 1,2-Dichloroethane-d4	5.08	65	48733	27.96	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 111.84%			
29) Benzene-d6	5.10	84	165090	28.78	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 115.12%			
33) 1,2-Dichloropropane-d6	6.12	67	51963	30.91	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 123.64%#			
37) Toluene-d8	7.36	98	141866	25.78	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 103.12%			
38) trans-1,3-Dichloropropene-	7.67	79	20572	24.48	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 97.92%			
39) 2-Hexanone-d5	8.14	63	17727	49.82	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 99.64%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	42850	26.10	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 104.40%			
61) 1,2-Dichlorobenzene-d4	11.68	152	33532	23.75	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 95.00%			
Target Compounds						Qvalue
13) Acetone	2.21	43	1589	2.823	ug/L	79
16) Methylene chloride	2.54	84	4880	2.773	ug/L	98

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

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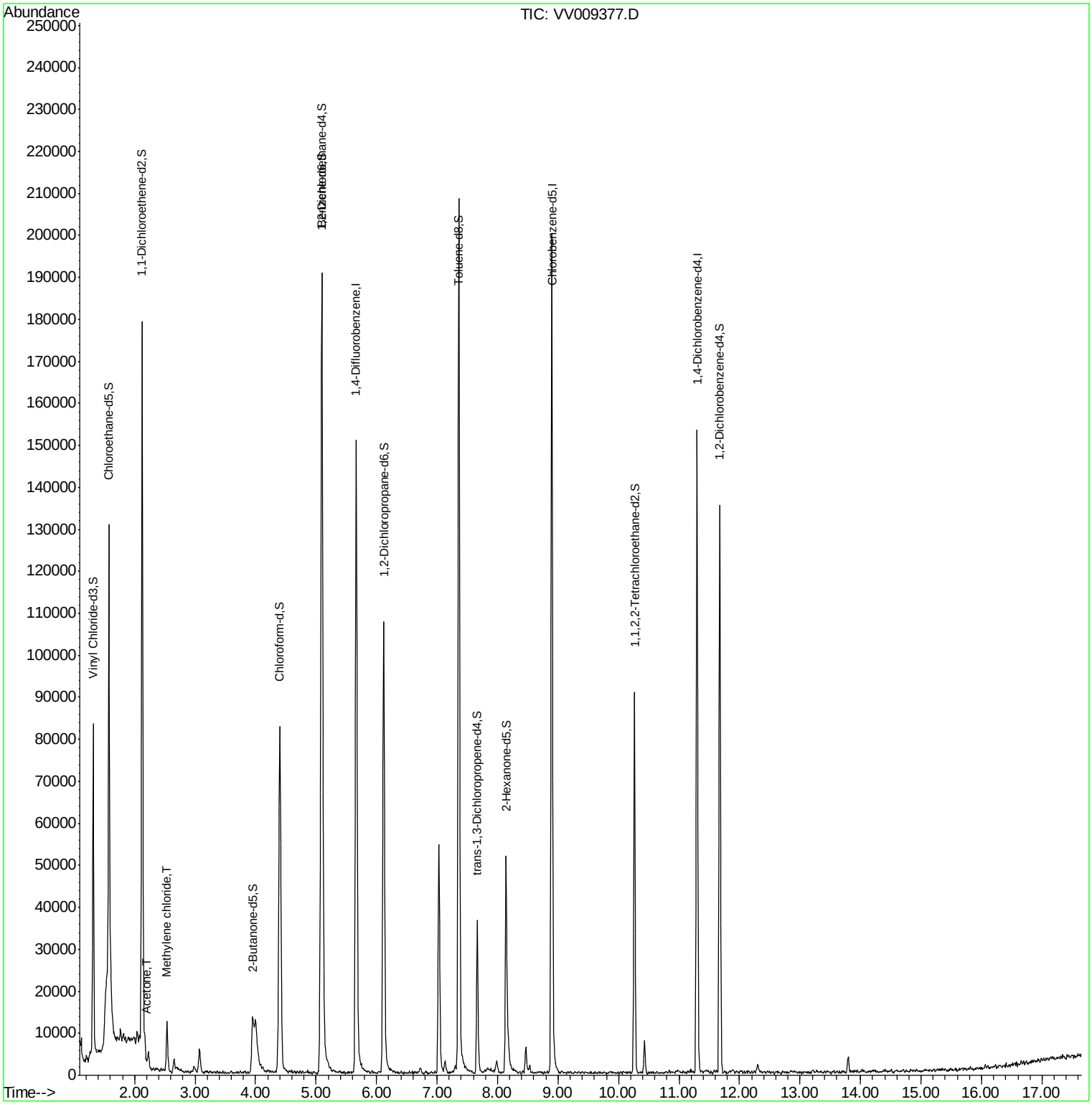
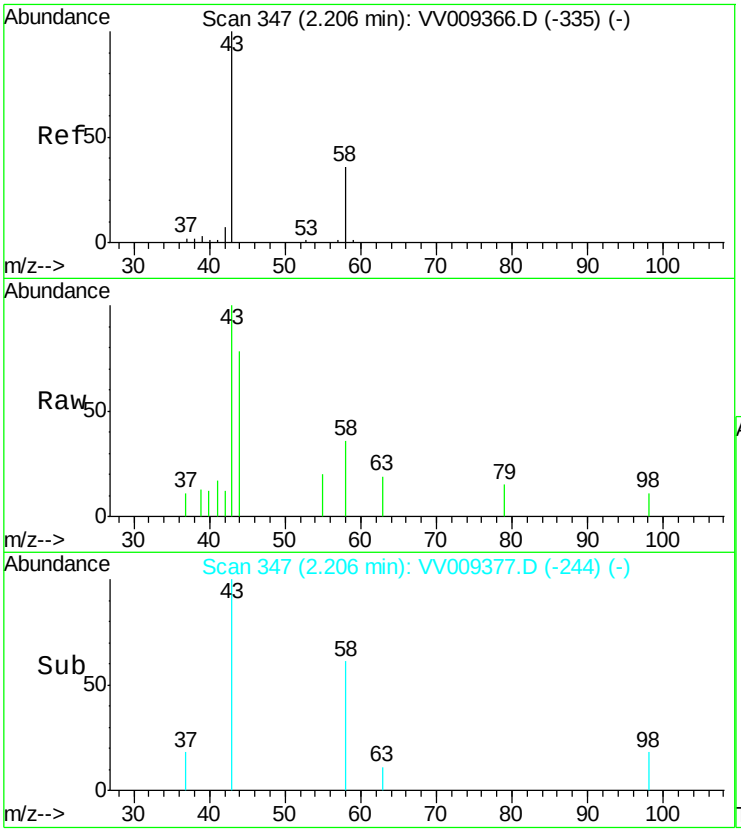


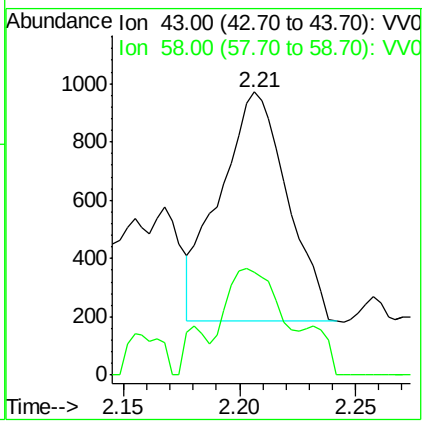


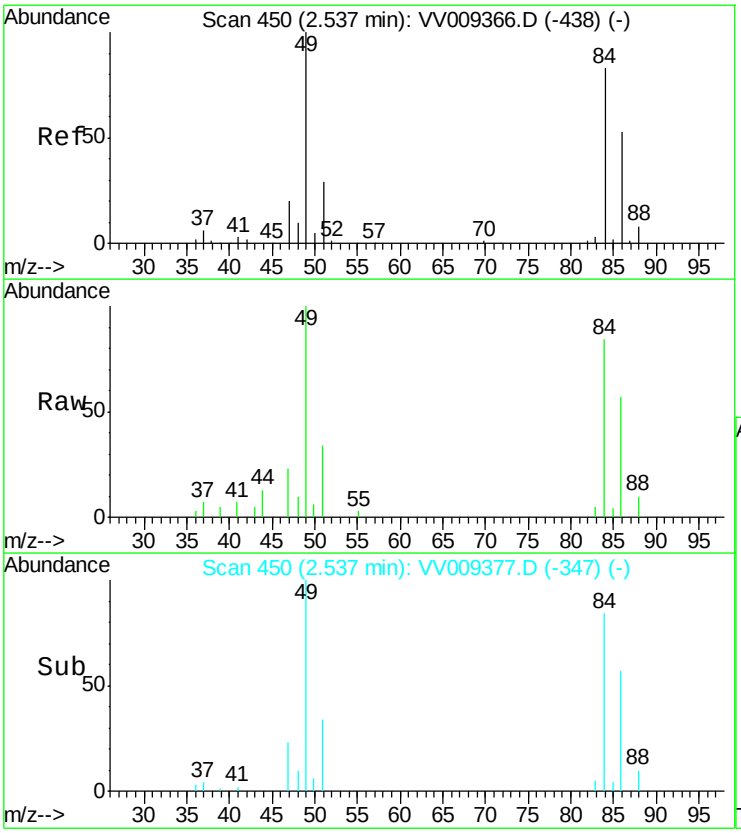
#13
Acetone
Concen: 2.823 ug/L
RT: 2.21 min Scan# 347
Delta R.T. 0.00 min
Lab File: VV009377.D
Acq: 26 Feb 2019 19:56

Instrument : MSVOA_V
ClientSampleId : BF7Y2RE

Tgt Ion: 43 Resp: 1589

Ion	Ratio	Lower	Upper
43	100		
58	22.5	0.0	68.8





#16
Methylene chloride
Concen: 2.773 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV009377.D
Acq: 26 Feb 2019 19:56

Tgt Ion: 84 Resp: 4880

Ion	Ratio	Lower	Upper
84	100		
49	118.7	84.6	157.0
86	68.1	46.1	85.7