Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV030519\
Data File : VV009507.D
Acq On : 06 Mar 2019 00:58
Operator : SY/MD
Sample : K1736-04
Misc : 5.72G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF622

Quant Time: Mar 06 06:39:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM030519S.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 06 04:12:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	139209	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	134202	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	54935	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	34862	20.80	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 83.20%			
7) Chloroethane-d5	1.58	69	58146	23.99	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 95.96%			
10) 1,1-Dichloroethene-d2	2.13	63	73885	16.94	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 67.76%			
20) 2-Butanone-d5	3.95	46	27169	47.58	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 95.16%			
24) Chloroform-d	4.40	84	88617	26.72	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 106.88%			
26) 1,2-Dichloroethane-d4	5.08	65	60237	31.93	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 127.72%			
29) Benzene-d6	5.10	84	174817	26.30	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 105.20%			
33) 1,2-Dichloropropane-d6	6.12	67	58861	30.01	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 120.04%#			
37) Toluene-d8	7.36	98	164111	25.33	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 101.32%			
38) trans-1,3-Dichloropropene-	7.67	79	21872	23.01	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 92.04%			
39) 2-Hexanone-d5	8.14	63	22358	48.84	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 97.68%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	62071	29.70	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 118.80%			
61) 1,2-Dichlorobenzene-d4	11.68	152	55856	27.85	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 111.40%			
Target Compounds						Qvalue
13) Acetone	2.20	43	1282	2.208	ug/L	96
16) Methylene chloride	2.54	84	4749	2.599	ug/L	85

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

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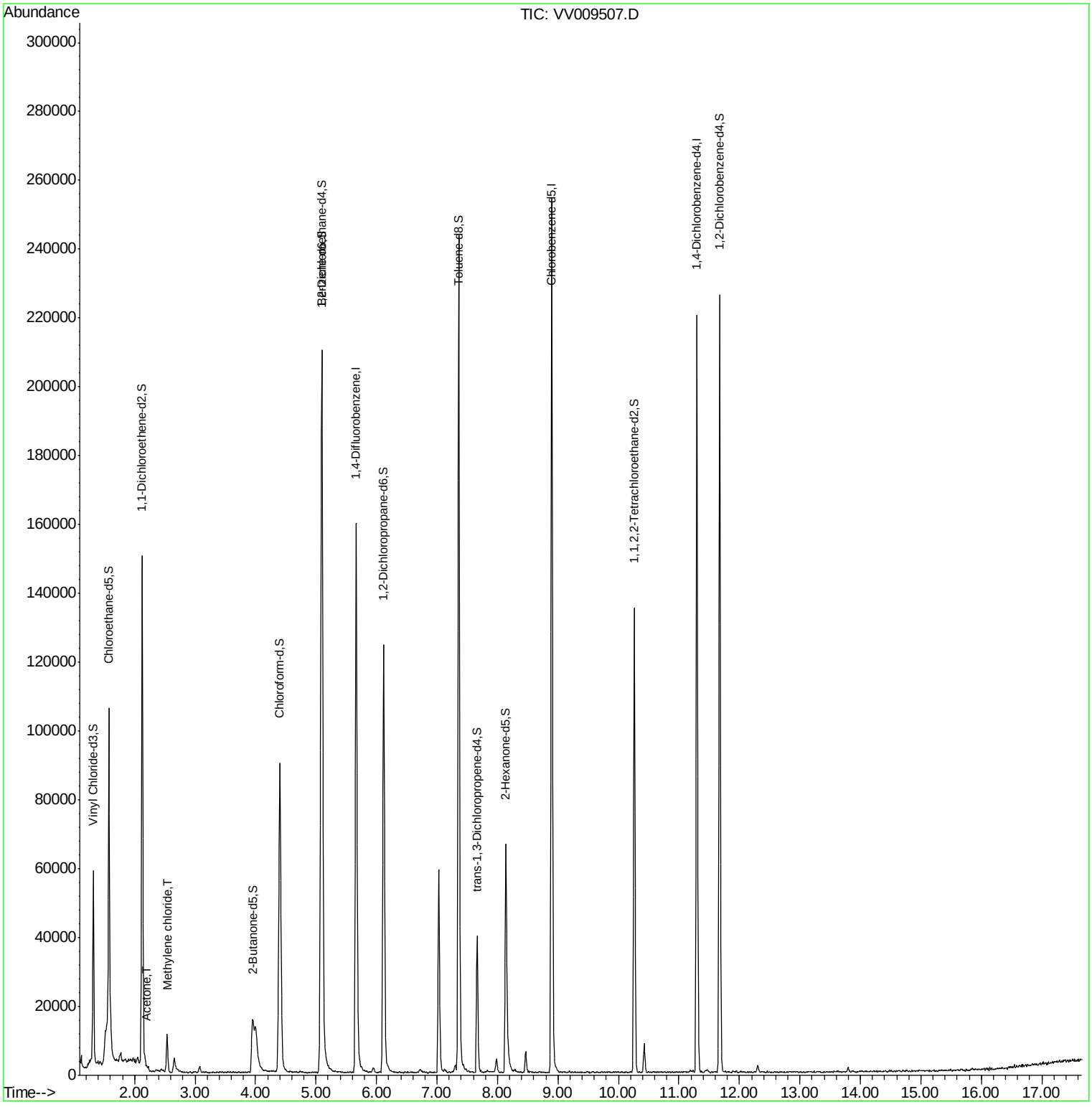
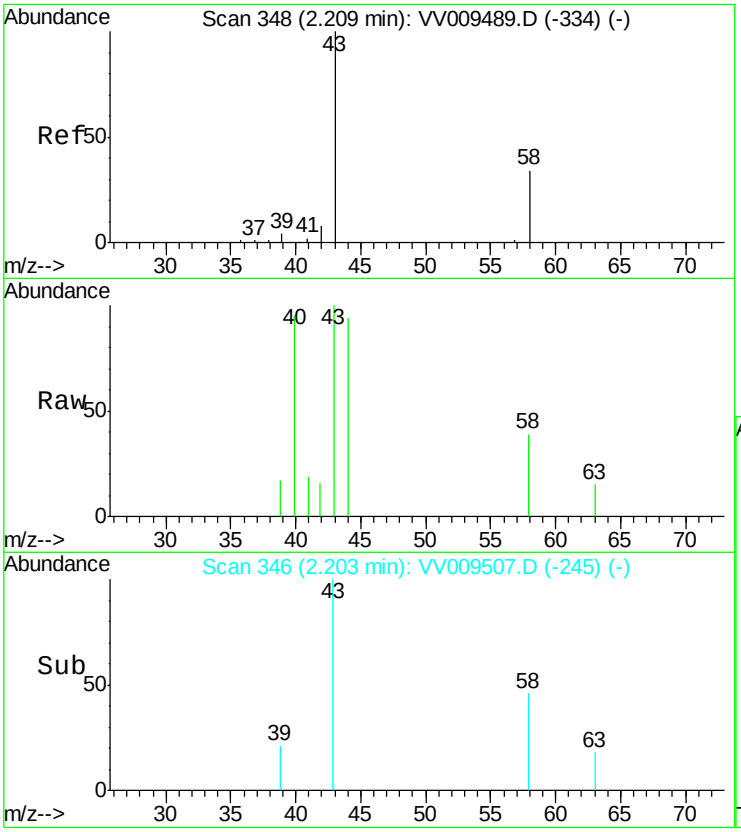


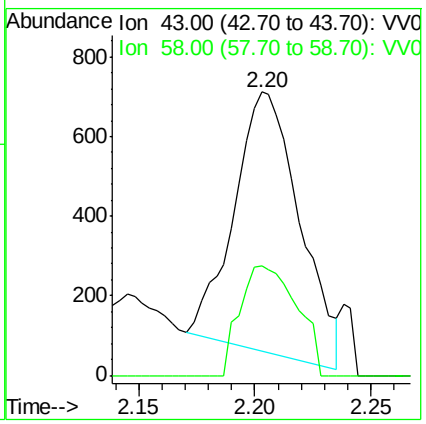


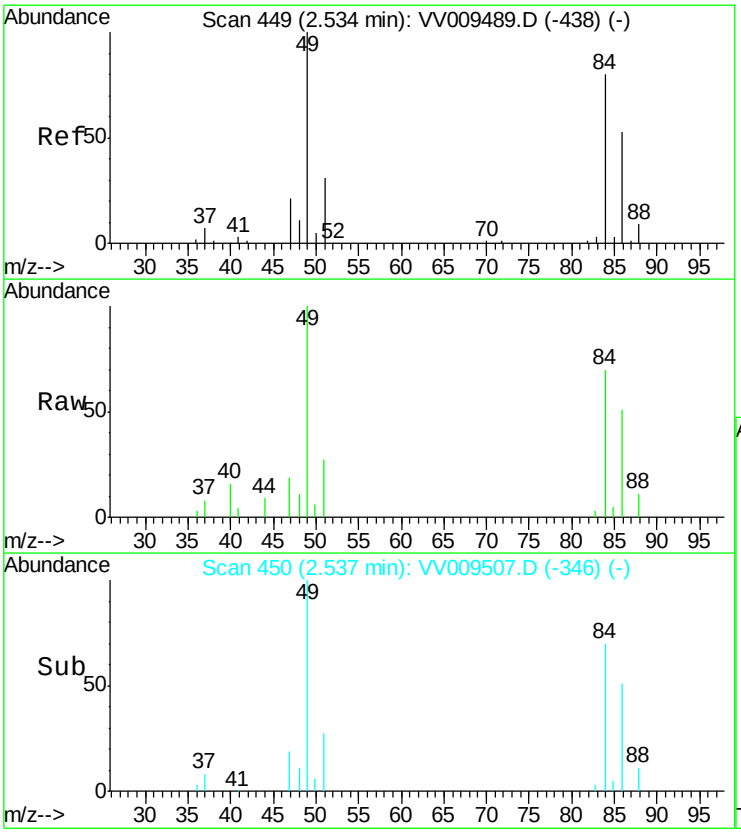
#13
Acetone
Concen: 2.208 ug/L
RT: 2.20 min Scan# 346
Delta R.T. -0.01 min
Lab File: VV009507.D
Acq: 06 Mar 2019 00:58

Instrument : MSVOA_V
ClientSampleId : BF622

Tgt Ion: 43 Resp: 1282

Ion	Ratio	Lower	Upper
43	100		
58	36.6	0.0	68.8





#16
Methylene chloride
Concen: 2.599 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV009507.D
Acq: 06 Mar 2019 00:58

Tgt Ion: 84 Resp: 4749

Ion	Ratio	Lower	Upper
84	100		
49	142.1	84.6	157.0
86	73.0	46.1	85.7