Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV040219\
Data File : VV010075.D
Acq On : 02 Apr 2019 23:16
Operator : SY/MD
Sample : K2148-12
Misc : 5.00G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF5F9

Quant Time: Apr 03 07:49:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 03 06:44:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	257340	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	262043	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	124456	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	60945	17.69	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 70.76%			
7) Chloroethane-d5	1.58	69	104524	24.43	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 97.72%			
10) 1,1-Dichloroethene-d2	2.13	63	128899	14.83	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 59.32%			
20) 2-Butanone-d5	3.95	46	33882	34.56	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery = 69.12%			
24) Chloroform-d	4.40	84	149973	23.13	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 92.52%			
26) 1,2-Dichloroethane-d4	5.08	65	86558	23.86	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.44%			
29) Benzene-d6	5.10	84	309280	22.76	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 91.04%			
33) 1,2-Dichloropropane-d6	6.12	67	94612	23.59	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 94.36%			
37) Toluene-d8	7.36	98	286351	21.87	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 87.48%			
38) trans-1,3-Dichloropropene-	7.67	79	27182	15.86	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 63.44%			
39) 2-Hexanone-d5	8.13	63	25679	31.93	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 63.86%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	78593	19.87	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 79.48%			
61) 1,2-Dichlorobenzene-d4	11.67	152	116730	24.08	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 96.32%			
Target Compounds						Qvalue
13) Acetone	2.20	43	5349	5.519	ug/L	99
16) Methylene chloride	2.54	84	10409	2.302	ug/L	94

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

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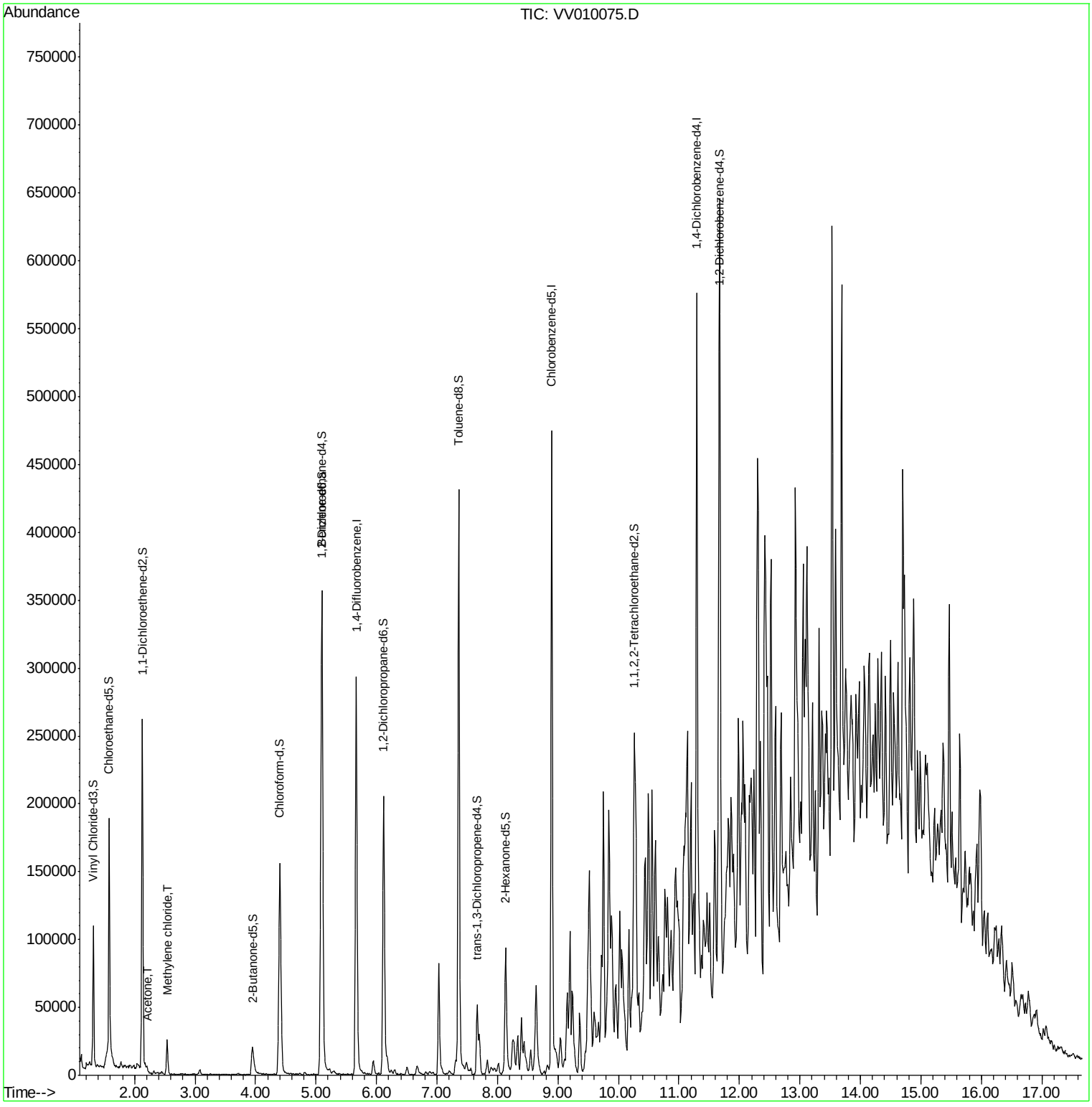
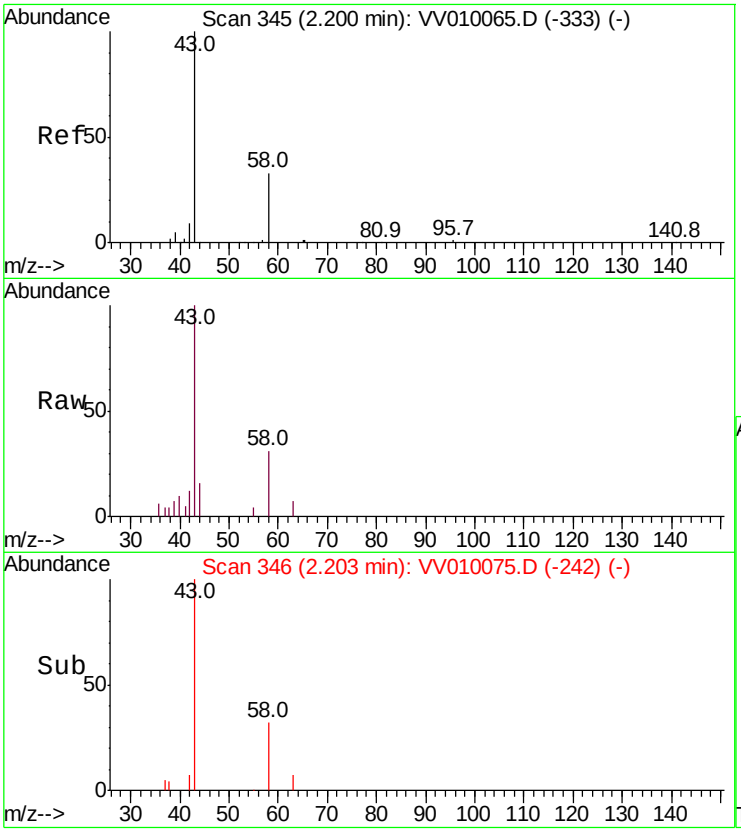


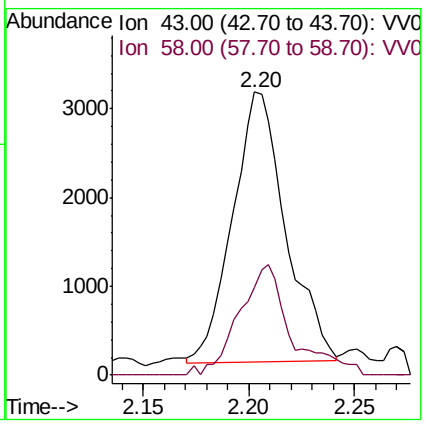


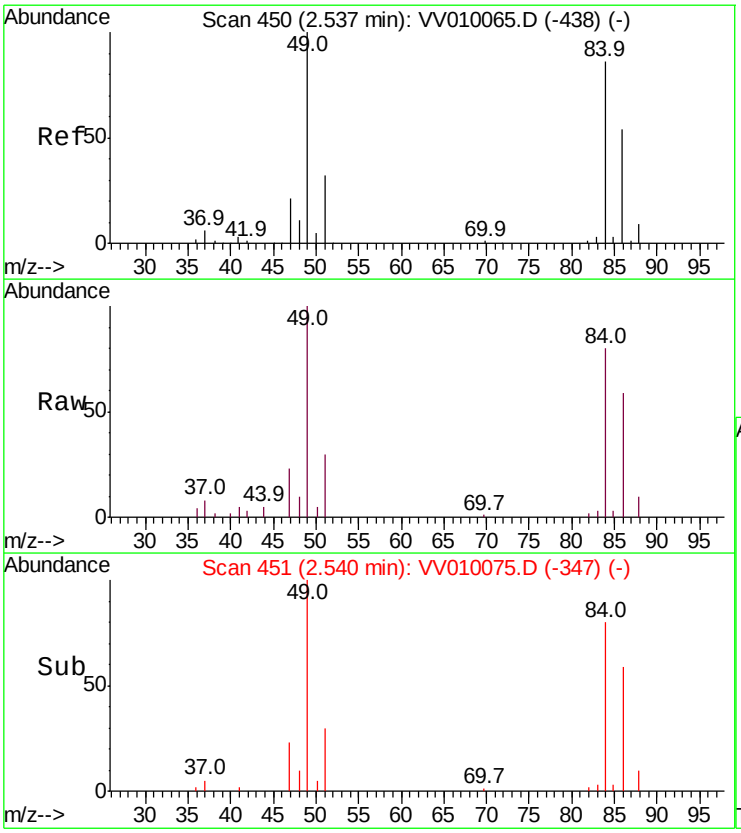
#13
Acetone
Concen: 5.519 ug/L
RT: 2.20 min Scan# 346
Delta R.T. 0.00 min
Lab File: VV010075.D
Acq: 02 Apr 2019 23:16

Instrument : MSVOA_V
ClientSampleId : BF5F9

Tgt Ion: 43 Resp: 5349

Ion	Ratio	Lower	Upper
43	100		
58	32.8	0.0	64.6





#16
Methylene chloride
Concen: 2.302 ug/L
RT: 2.54 min Scan# 451
Delta R.T. 0.00 min
Lab File: VV010075.D
Acq: 02 Apr 2019 23:16

Tgt Ion: 84 Resp: 10409

Ion	Ratio	Lower	Upper
84	100		
49	124.8	84.3	156.5
86	73.6	45.4	84.2