Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121918\
Data File : VV009065.D
Acq On : 19 Dec 2018 23:08
Operator : SY/MD
Sample : J6471-06
Misc : 5.86G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9H15

Quant Time: Dec 20 12:05:44 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 20 03:44:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	212759	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	189508	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	71687	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	45080	20.48	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 81.92%			
7) Chloroethane-d5	1.58	69	51132	31.44	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 125.76%			
10) 1,1-Dichloroethene-d2	2.13	63	90292	16.40	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 65.60%			
20) 2-Butanone-d5	3.94	46	26074	32.53	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 65.06%			
24) Chloroform-d	4.40	84	127696	24.97	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 99.88%			
26) 1,2-Dichloroethane-d4	5.08	65	75830	27.17	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 108.68%			
29) Benzene-d6	5.10	84	252564	23.86	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 95.44%			
33) 1,2-Dichloropropane-d6	6.12	67	78349	26.44	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 105.76%			
37) Toluene-d8	7.36	98	219755	22.44	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 89.76%			
38) trans-1,3-Dichloropropene-	7.67	79	31253	24.01	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 96.04%			
39) 2-Hexanone-d5	8.14	63	15687	28.90	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 57.80%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	50824	20.45	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 81.80%			
61) 1,2-Dichlorobenzene-d4	11.68	152	64758	24.07	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 96.28%			
Target Compounds						Qvalue
13) Acetone	2.20	43	2325	1.969	ug/L	97
16) Methylene chloride	2.54	84	8089	2.258	ug/L	98

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

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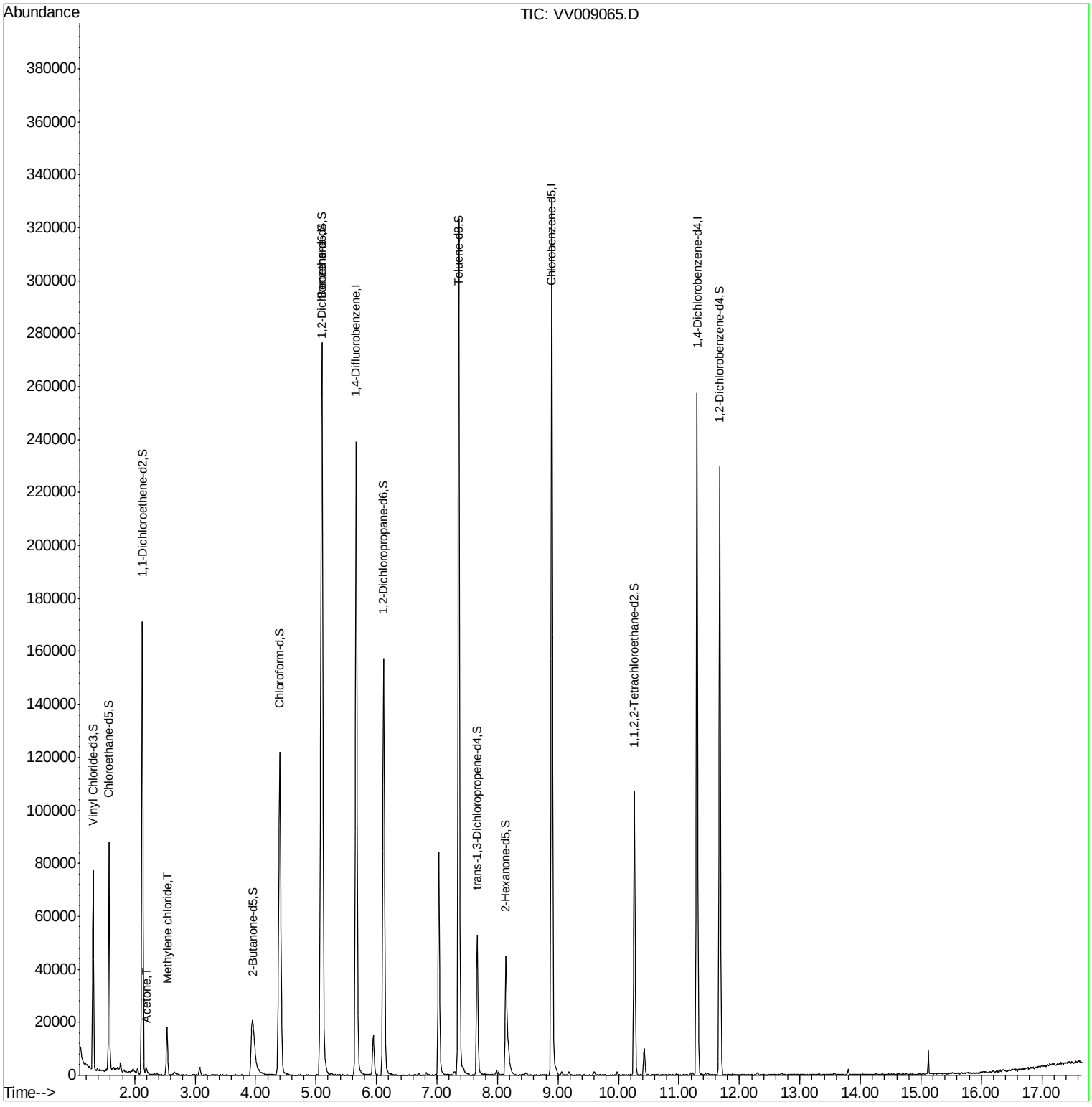
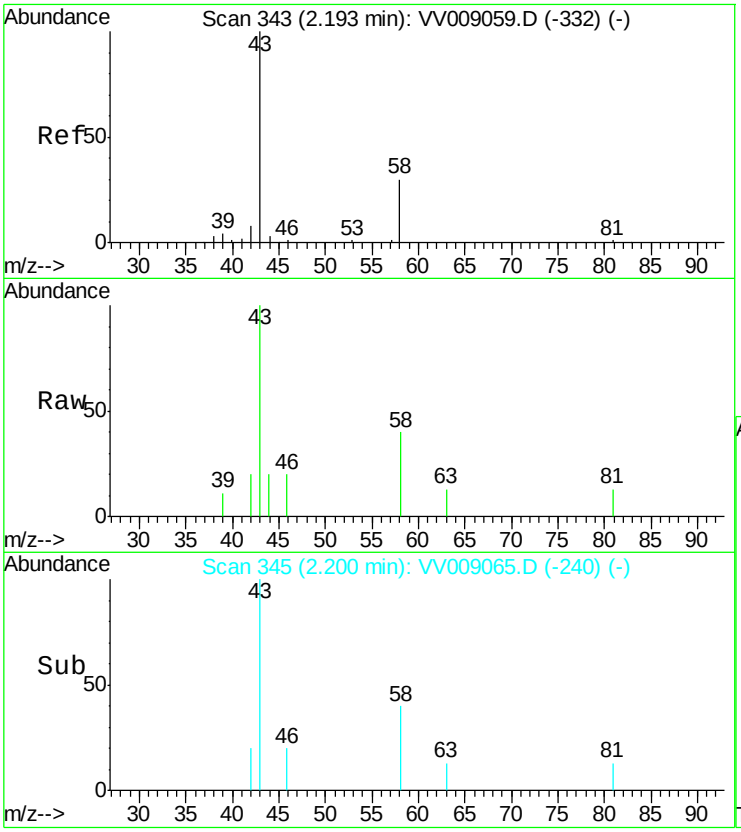


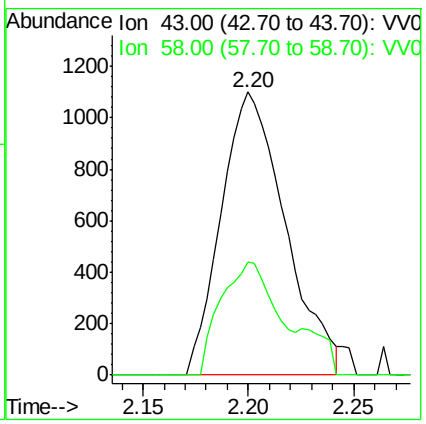


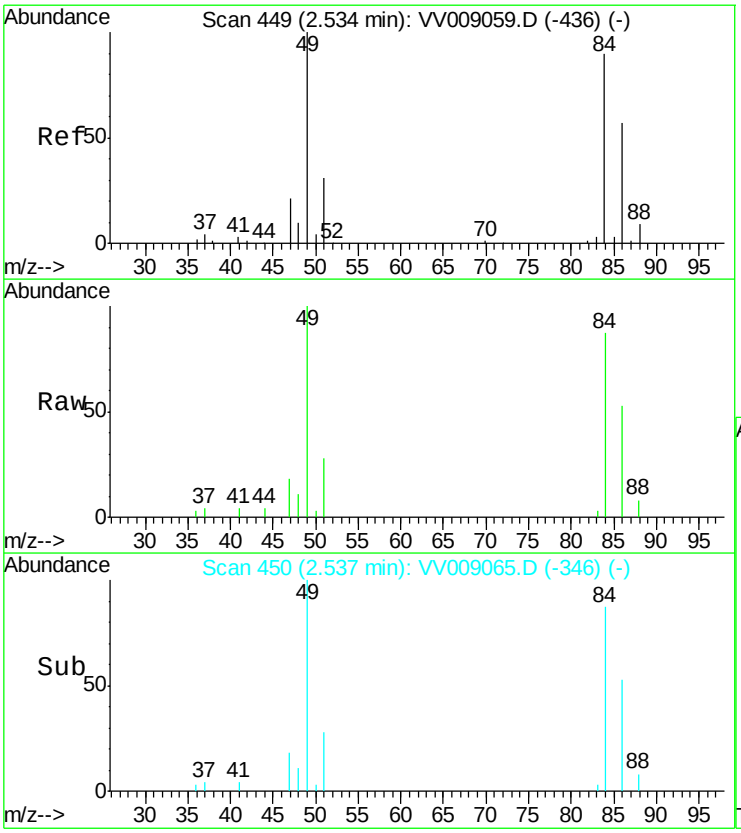
#13
Acetone
Concen: 1.969 ug/L
RT: 2.20 min Scan# 345
Delta R.T. 0.01 min
Lab File: VV009065.D
Acq: 19 Dec 2018 23:08

Instrument :
MSVOA_V
ClientSampleId :
F9H15

Tgt Ion: 43 Resp: 2325

Ion	Ratio	Lower	Upper
43	100		
58	34.4	0.0	65.4





#16
Methylene chloride
Concen: 2.258 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV009065.D
Acq: 19 Dec 2018 23:08

Tgt Ion: 84 Resp: 8089

Ion	Ratio	Lower	Upper
84	100		
49	114.7	80.5	149.5
86	60.9	45.5	84.5