Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052019\
Data File : VV010986.D
Acq On : 21 May 2019 05:50
Operator : SY/MD
Sample : K2948-03
Misc : 5.36G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFHA8

Manual Integrations APPROVED
MMDadoda
5/25/2019 1:43:00 AM

Quant Time: May 22 05:04:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
Quant Title : VOC Analysis
QLast Update : Wed May 22 04:53:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	39565	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	40137	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	12650	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	5448	12.08	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 48.32%			
7) Chloroethane-d5	1.57	69	5265	17.24	ug/L	0.02
Spiked Amount 25.000	Range 30 - 150		Recovery = 68.96%			
10) 1,1-Dichloroethene-d2	2.12	63	9578	11.04	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 44.16%#			
20) 2-Butanone-d5	3.94	46	4506m	28.95	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery = 57.90%			
24) Chloroform-d	4.40	84	27014	26.36	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 105.44%			
26) 1,2-Dichloroethane-d4	5.08	65	17190	28.46	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 113.84%			
29) Benzene-d6	5.09	84	45940	20.97	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 83.88%			
33) 1,2-Dichloropropane-d6	6.12	67	19324	27.75	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 111.00%			
37) Toluene-d8	7.36	98	36303	17.82	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 71.28%			
38) trans-1,3-Dichloropropene-	7.66	79	3915	13.69	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 54.76%			
39) 2-Hexanone-d5	8.14	63	2898	22.32	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 44.64%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	16434	23.64	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 94.56%			
61) 1,2-Dichlorobenzene-d4	11.67	152	12711	24.75	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 99.00%			
Target Compounds						Qvalue
13) Acetone	2.18	43	2281	15.198	ug/L	98
16) Methylene chloride	2.53	84	1262	1.859	ug/L	82

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

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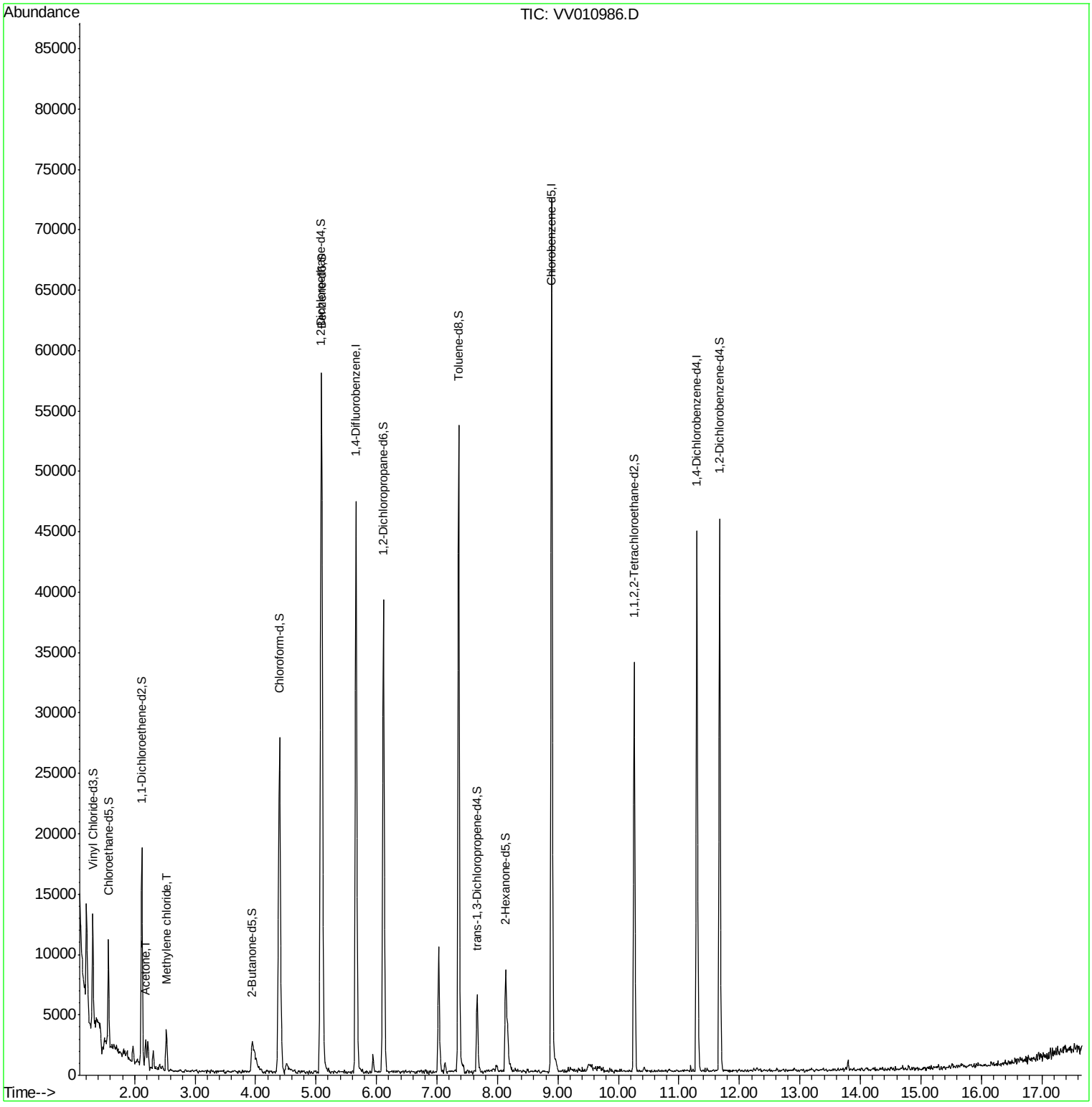
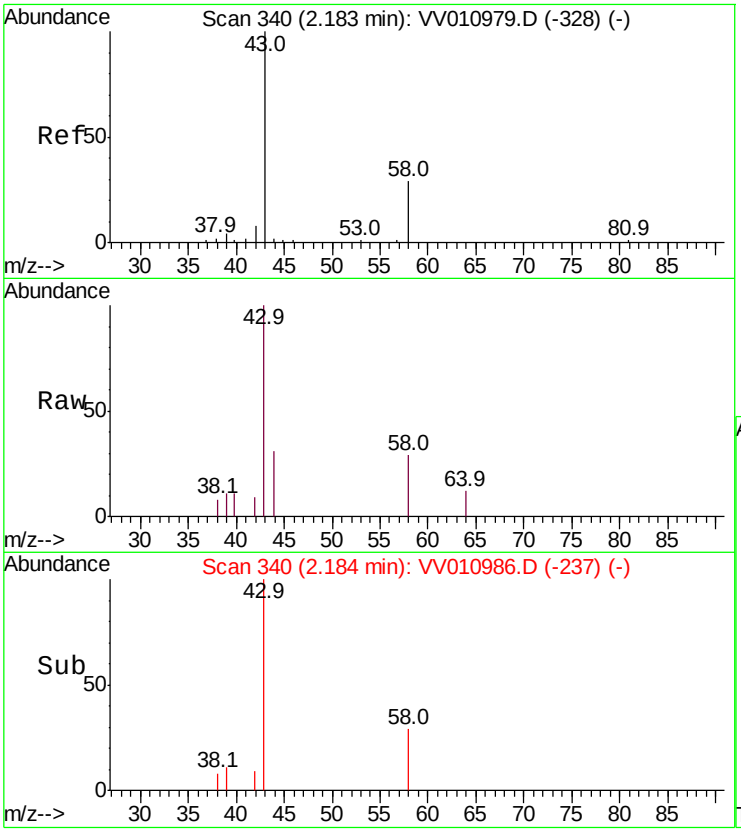
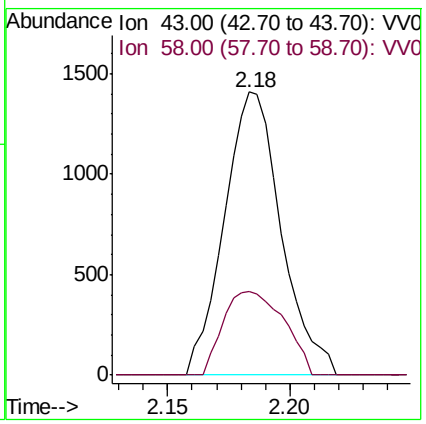




#13
Acetone
Concen: 15.198 ug/L
RT: 2.18 min Scan# 340
Delta R.T. 0.00 min
Lab File: VV010986.D
Acq: 21 May 2019 05:50

Tgt Ion: 43 Resp: 2281

Ion	Ratio	Lower	Upper
43	100		
58	31.7	0.0	60.8



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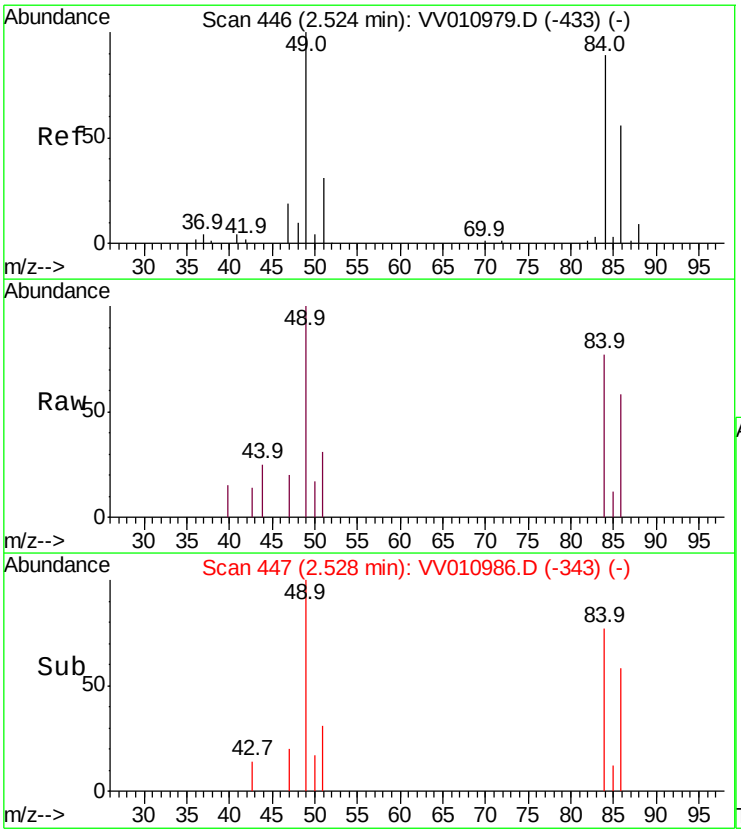

#16
Methylene chloride
Concen: 1.859 ug/L
RT: 2.53 min Scan# 447
Delta R.T. 0.00 min
Lab File: VV010986.D
Acq: 21 May 2019 05:50

Tgt Ion: 84 Resp: 1262

Ion	Ratio	Lower	Upper
84	100		
49	130.5	77.4	143.8
86	76.3	44.0	81.6