Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032819\
Data File : VV009985.D
Acq On : 29 Mar 2019 00:57
Operator : SY/MD
Sample : K2122-05
Misc : 4.24G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF5C0

Quant Time: Mar 29 04:44:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 29 04:20:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	159902	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	155431	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	65292	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	61558	18.97	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 75.88%			
7) Chloroethane-d5	1.57	69	76199	21.74	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 86.96%			
10) 1,1-Dichloroethene-d2	2.13	63	142319	16.03	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 64.12%			
20) 2-Butanone-d5	3.94	46	30361	50.21	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 100.42%			
24) Chloroform-d	4.40	84	103951	25.52	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 102.08%			
26) 1,2-Dichloroethane-d4	5.08	65	65658	26.78	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 107.12%			
29) Benzene-d6	5.10	84	200276	24.54	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 98.16%			
33) 1,2-Dichloropropane-d6	6.12	67	64073	26.83	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 107.32%			
37) Toluene-d8	7.36	98	174430	22.58	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 90.32%			
38) trans-1,3-Dichloropropene-	7.66	79	19632	20.10	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 80.40%			
39) 2-Hexanone-d5	8.14	63	22447	50.36	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 100.72%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	55540	23.49	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 93.96%			
61) 1,2-Dichlorobenzene-d4	11.67	152	62913	25.31	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 101.24%			
Target Compounds						Qvalue
13) Acetone	2.20	43	2104	2.298	ug/L	90
16) Methylene chloride	2.54	84	13198	5.012	ug/L	95

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

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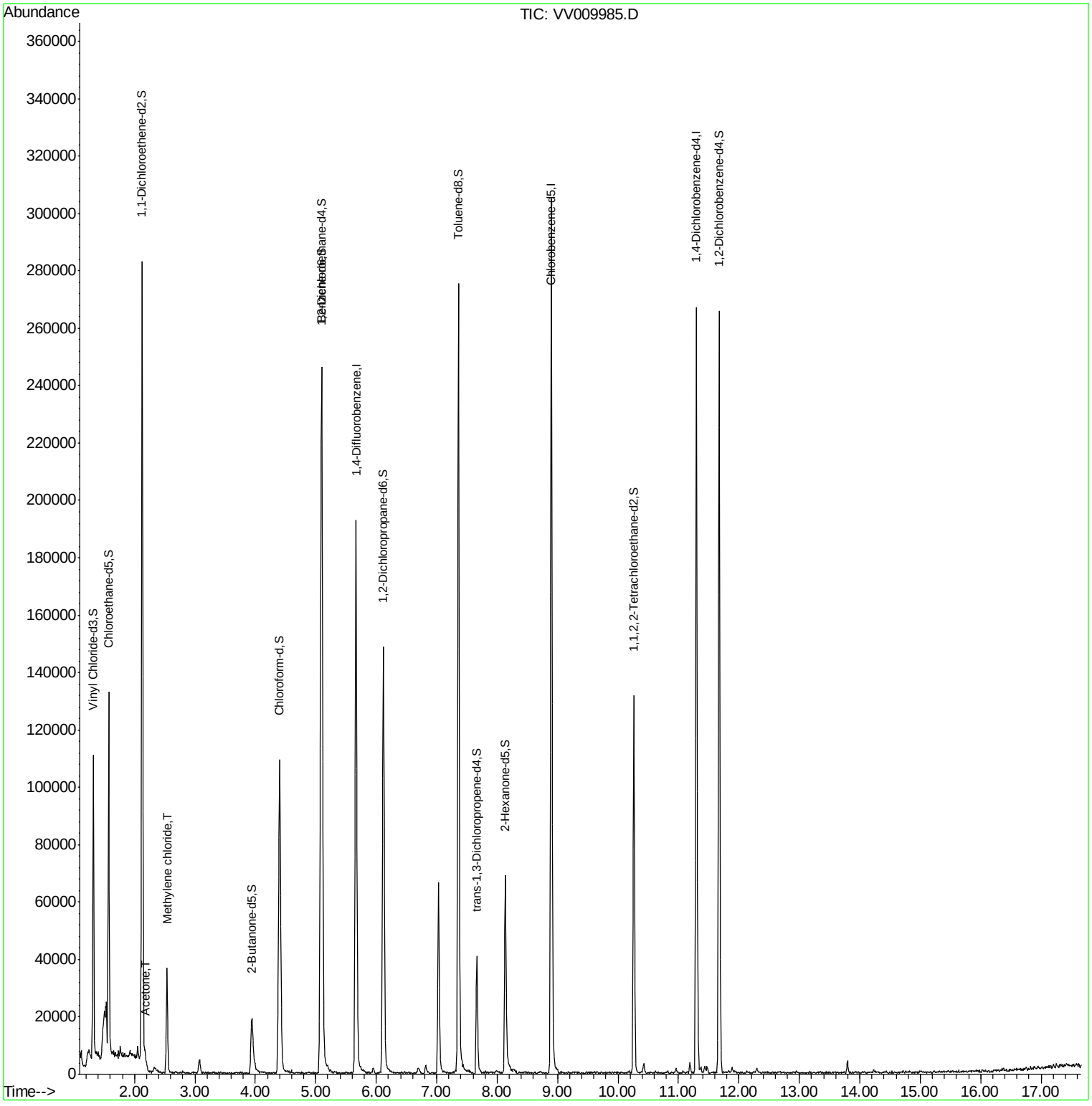
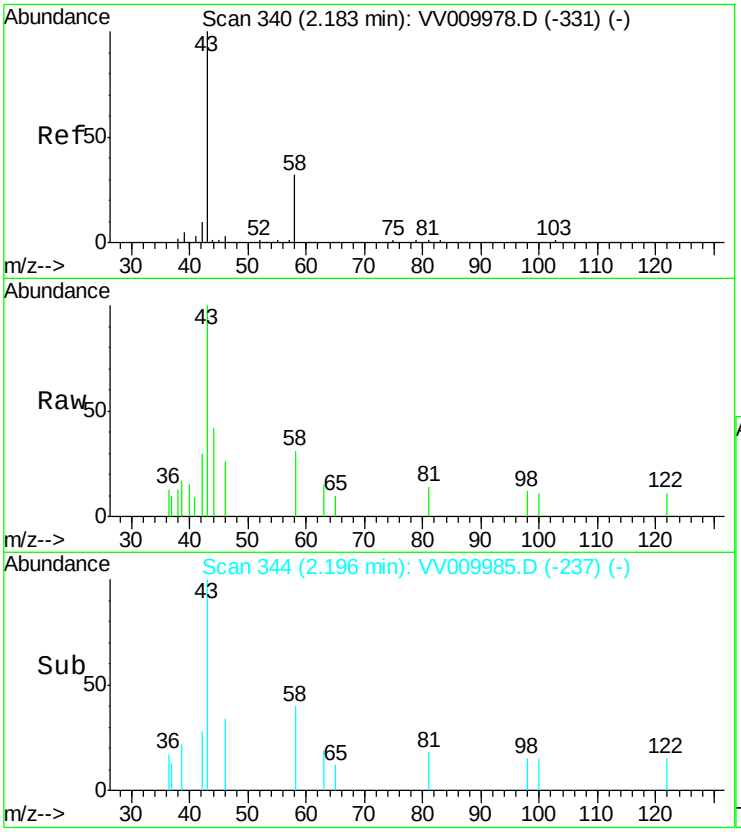


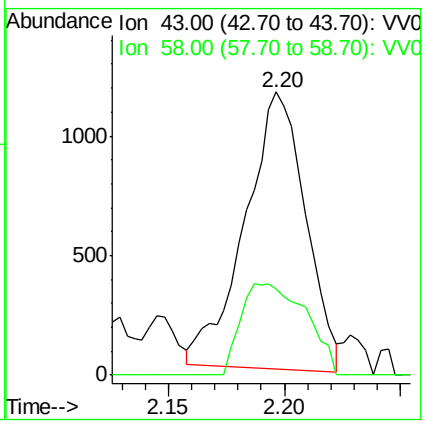


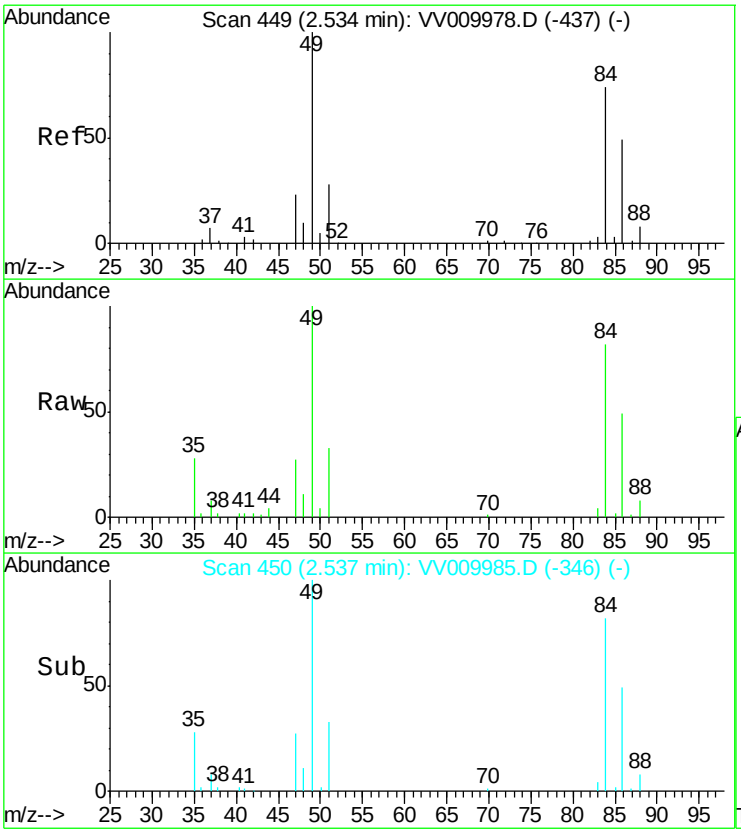
#13
Acetone
Concen: 2.298 ug/L
RT: 2.20 min Scan# 344
Delta R.T. 0.01 min
Lab File: VV009985.D
Acq: 29 Mar 2019 00:57

Instrument :
MSVOA_V
ClientSampleId :
BF5C0

Tgt Ion: 43 Resp: 2104

Ion	Ratio	Lower	Upper
43	100		
58	35.4	0.0	59.4





#16
Methylene chloride
Concen: 5.012 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV009985.D
Acq: 29 Mar 2019 00:57

Tgt Ion: 84 Resp: 13198

Ion	Ratio	Lower	Upper
84	100		
49	121.7	90.4	167.8
86	59.9	44.0	81.6