Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV053119\

Quantitation Report (Not Reviewed)

Data File : VV011186.D
Acq On : 31 May 2019 19:06
Operator : SY/MD
Sample : K3017-23
Misc : 6.12G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A51H8RE

Quant Time: Jun 01 00:31:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM053019S.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 01 00:27:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	33317	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	23677	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.31	152	4761	25.00	ug/L	0.01
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	11056	24.53	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 98.12%			
7) Chloroethane-d5	1.58	69	8487	24.49	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 97.96%			
10) 1,1-Dichloroethene-d2	2.13	63	16580	17.92	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 71.68%			
20) 2-Butanone-d5	3.95	46	4344	26.37	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 52.74%			
24) Chloroform-d	4.41	84	18675	22.93	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 91.72%			
26) 1,2-Dichloroethane-d4	5.08	65	12104	22.81	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 91.24%			
29) Benzene-d6	5.10	84	42468	33.03	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 132.12%			
33) 1,2-Dichloropropane-d6	6.12	67	13724	33.31	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 133.24%#			
37) Toluene-d8	7.36	98	33955	27.99	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 111.96%			
38) trans-1,3-Dichloropropene-	7.67	79	4112	22.06	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 88.24%			
39) 2-Hexanone-d5	8.15	63	3029	32.35	ug/L	0.02
Spiked Amount 50.000	Range 20 - 135		Recovery = 64.70%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	8085	21.77	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 87.08%			
61) 1,2-Dichlorobenzene-d4	11.68	152	4981	27.96	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 111.84%			
Target Compounds						Qvalue
13) Acetone	2.20	43	9428	49.189	ug/L	98
15) Methyl Acetate	2.47	43	2432	8.432	ug/L #	83
69) Naphthalene	13.56	128	212	0.557	ug/L #	71

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

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Instrument : MSVOA_V
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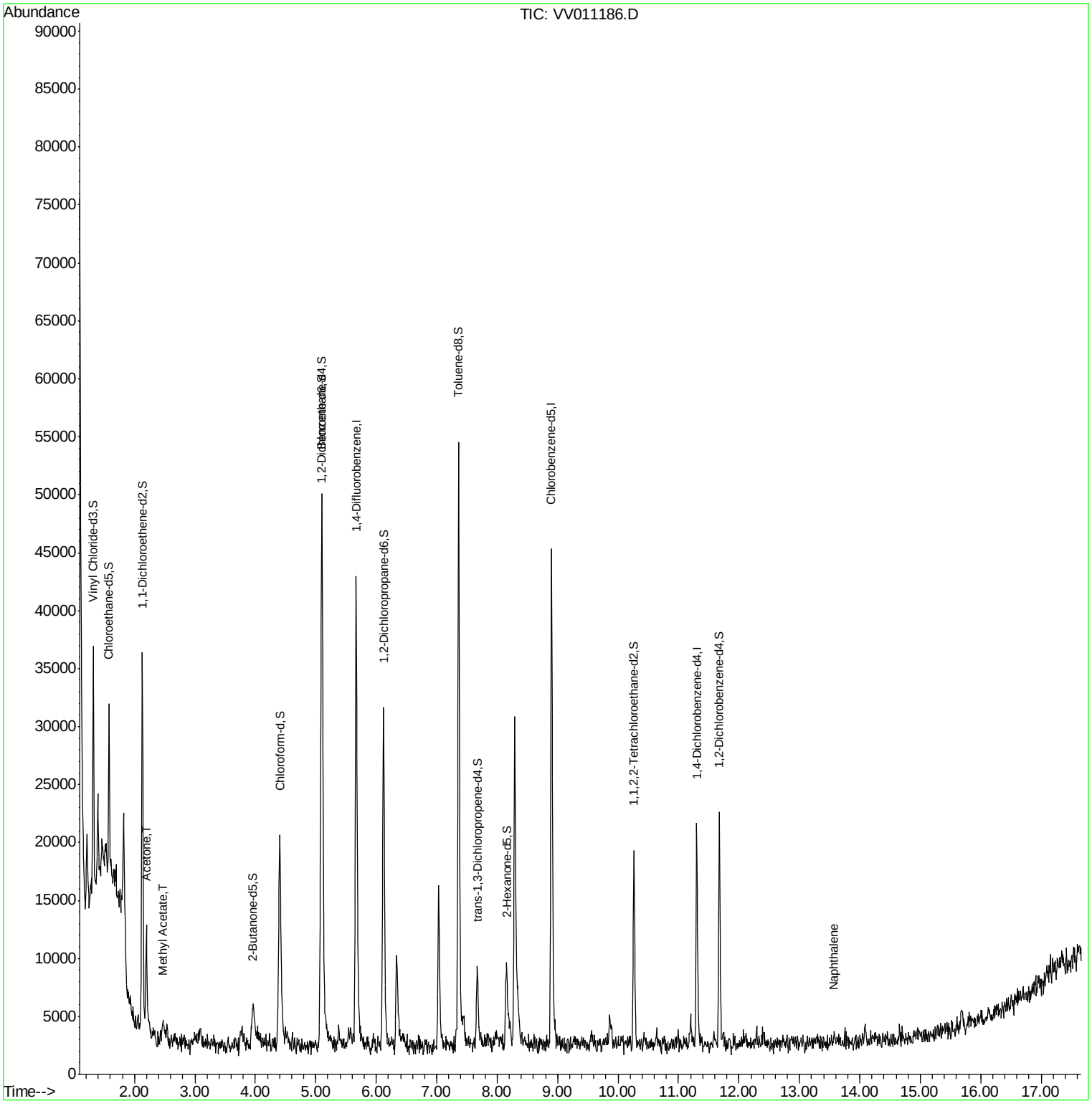
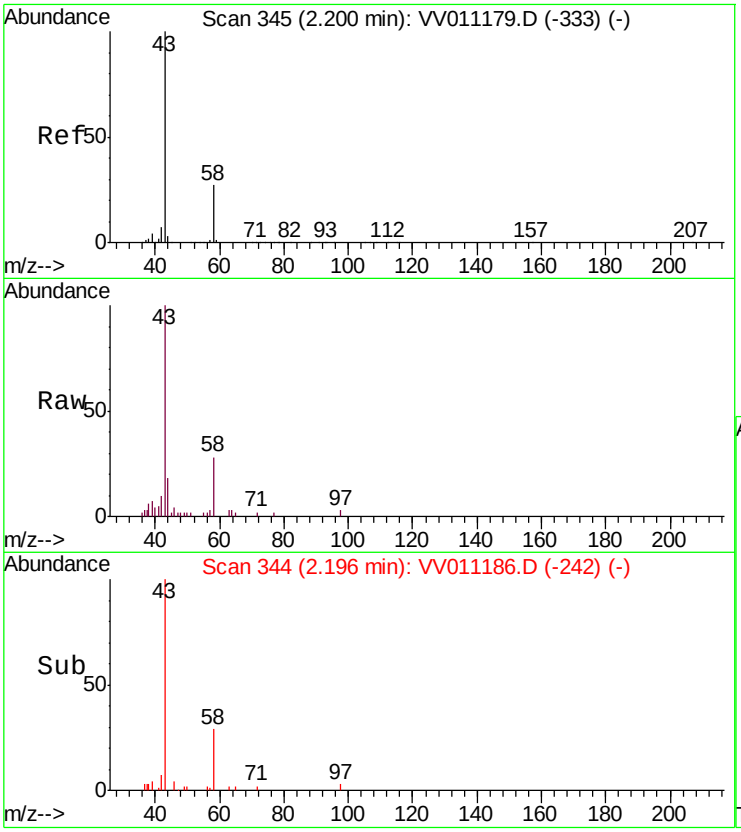
Quant Title : VOC Analysis
QLast Update : Sat Jun 01 00:27:53 2019
Response via : Initial Calibration



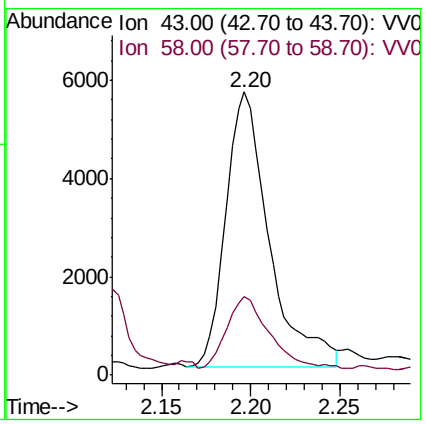


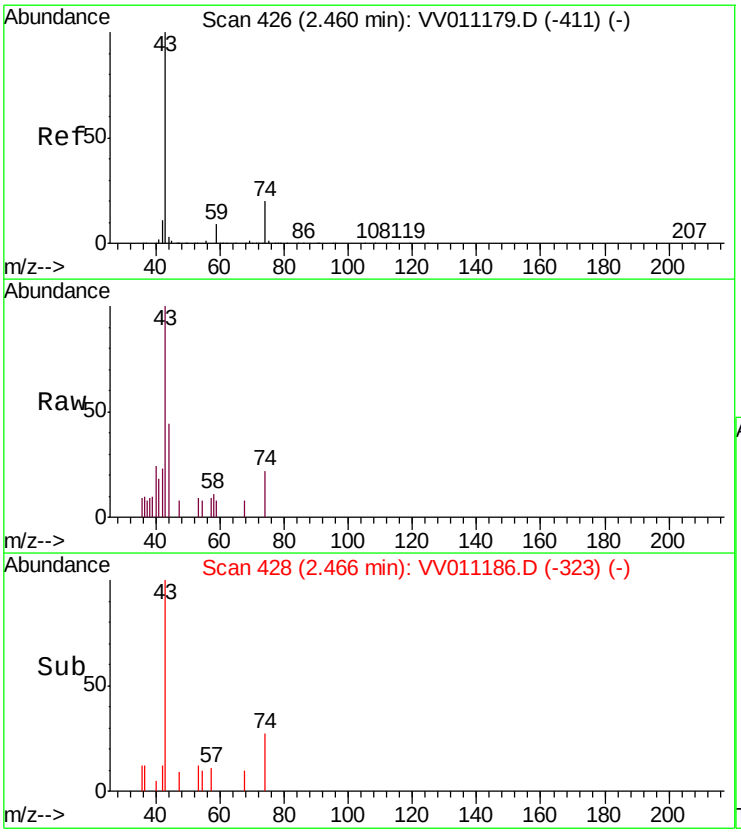
#13
Acetone
Concen: 49.189 ug/L
RT: 2.20 min Scan# 344
Delta R.T. -0.00 min
Lab File: VV011186.D
Acq: 31 May 2019 19:06

Instrument : MSVOA_V
ClientSampleId : A51H8RE

Tgt Ion: 43 Resp: 9428

Ion	Ratio	Lower	Upper
43	100		
58	25.7	0.0	53.8

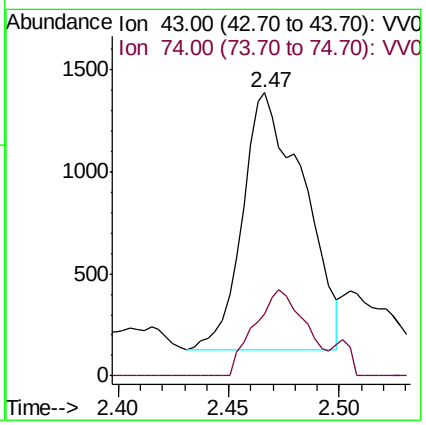


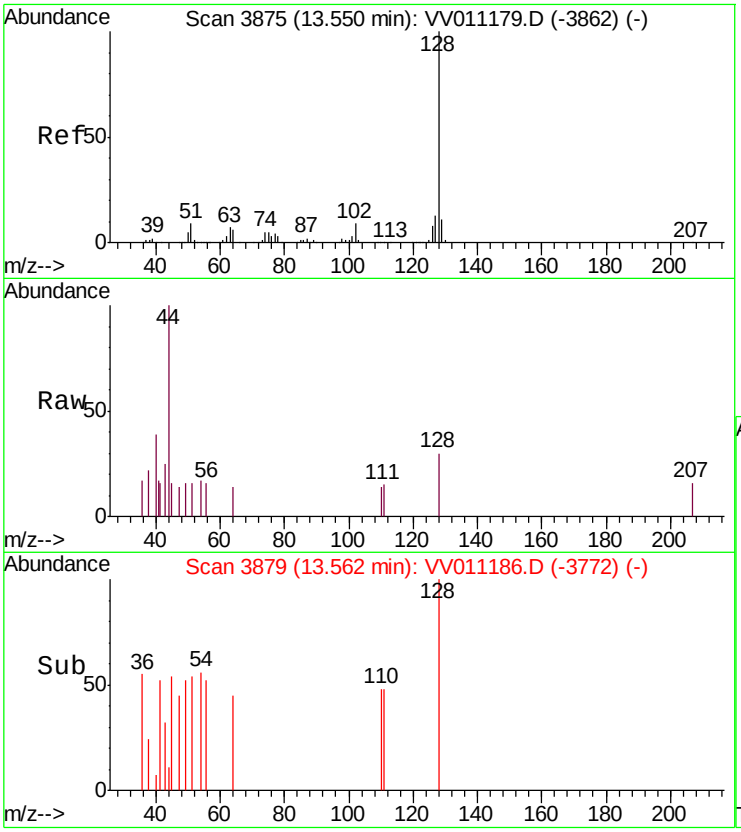


#15
Methyl Acetate
Concen: 8.432 ug/L
RT: 2.47 min Scan# 428
Delta R.T. 0.01 min
Lab File: VV011186.D
Acq: 31 May 2019 19:06

Tgt Ion: 43 Resp: 2432

Ion	Ratio	Lower	Upper
43	100		
74	28.4	16.2	24.4#





#69
Naphthalene
Concen: 0.557 ug/L
RT: 13.56 min Scan# 3879
Delta R.T. 0.01 min
Lab File: VV011186.D
Acq: 31 May 2019 19:06

Instrument :
MSVOA_V
ClientSampleId :
A51H8RE

Tgt Ion:128 Resp: 212

Ion	Ratio	Lower	Upper
128	100		
129	19.8	8.6	13.0#
127	0.0	10.6	16.0#