Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071719\

Quantitation Report (Not Reviewed)

Data File : VW011317.D
Acq On : 17 Jul 2019 20:30
Operator : SY/VA
Sample : K3798-20
Misc : 4.09G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : A52H3

Quant Time: Jul 18 06:41:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis
QLast Update : Thu Jul 18 06:37:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	259265	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	214985	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	72745	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.34	65	58726	14.83	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 59.32%			
7) Chloroethane-d5	2.88	69	49208	17.72	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 70.88%			
10) 1,1-Dichloroethene-d2	4.01	63	111071	13.25	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 53.00%			
20) 2-Butanone-d5	7.07	46	92340	59.21	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 118.42%			
24) Chloroform-d	7.65	84	166846	23.48	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 93.92%			
26) 1,2-Dichloroethane-d4	8.31	65	110295	25.20	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.80%			
29) Benzene-d6	8.27	84	319067	24.09	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 96.36%			
33) 1,2-Dichloropropane-d6	9.27	67	116858	27.10	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 108.40%			
37) Toluene-d8	10.32	98	257977	21.86	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 87.44%			
38) trans-1,3-Dichloropropene-	10.58	79	40460	22.06	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 88.24%			
39) 2-Hexanone-d5	10.93	63	59636	60.30	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 120.60%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	100033	28.04	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 112.16%			
61) 1,2-Dichlorobenzene-d4	13.86	152	65190	23.35	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 93.40%			
Target Compounds						Qvalue
13) Acetone	4.12	43	47827	31.399	ug/L	97
15) Methyl Acetate	4.67	43	34082	13.751	ug/L	99
21) 2-Butanone	7.18	43	10583	5.382	ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	3545	0.951	ug/L	93
36) Methylcyclohexane	9.27	83	26326	4.315	ug/L #	14

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

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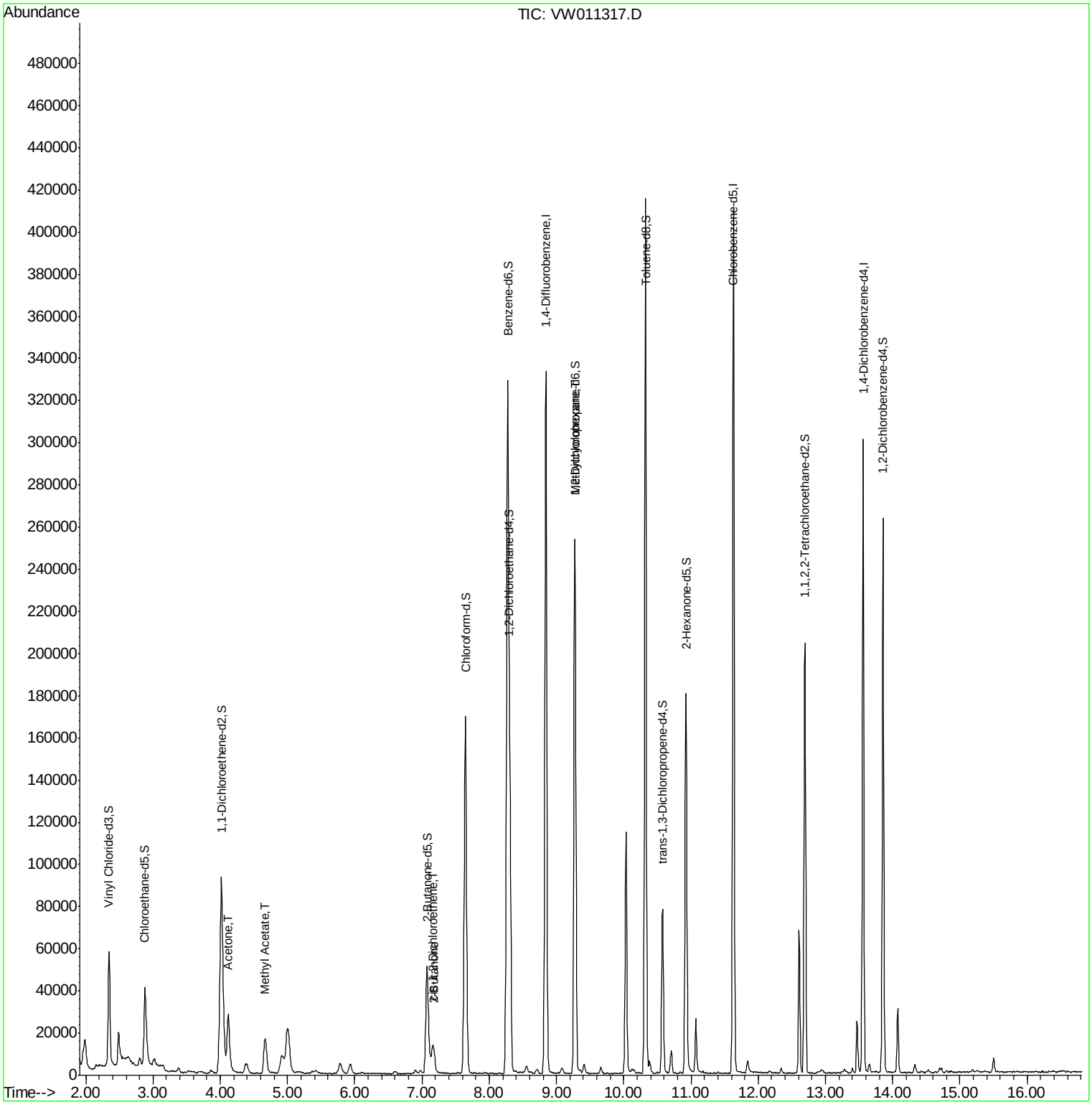
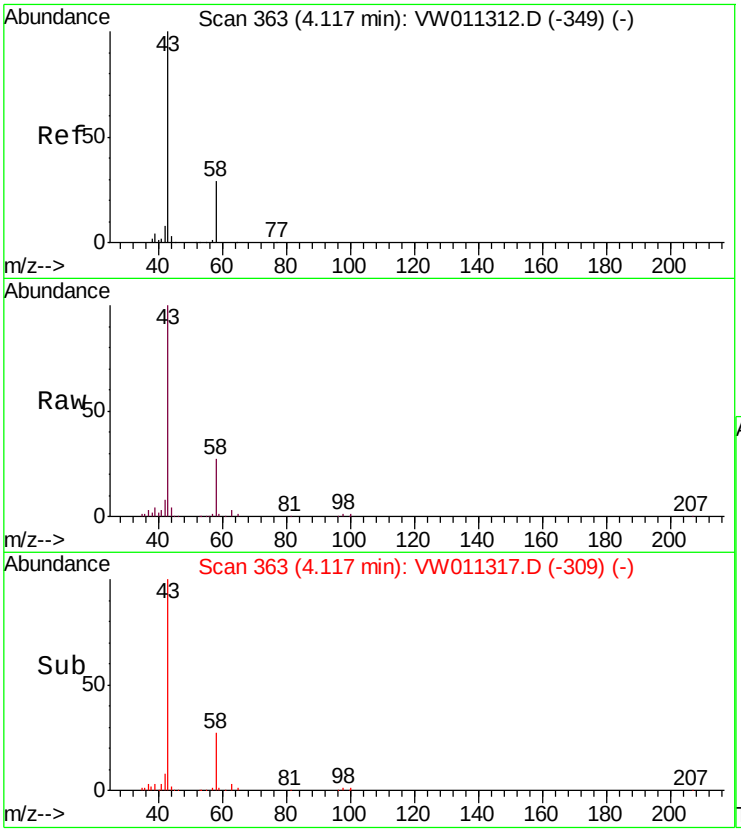
Quant Title : VOC Analysis
QLast Update : Thu Jul 18 06:37:55 2019
Response via : Initial Calibration



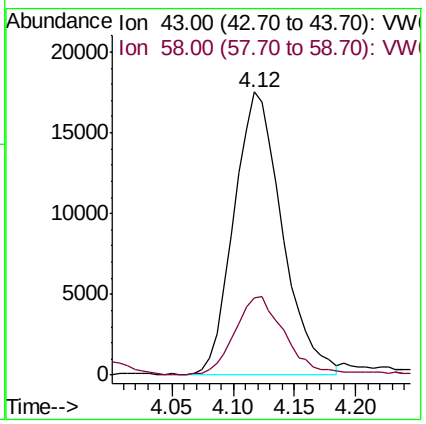


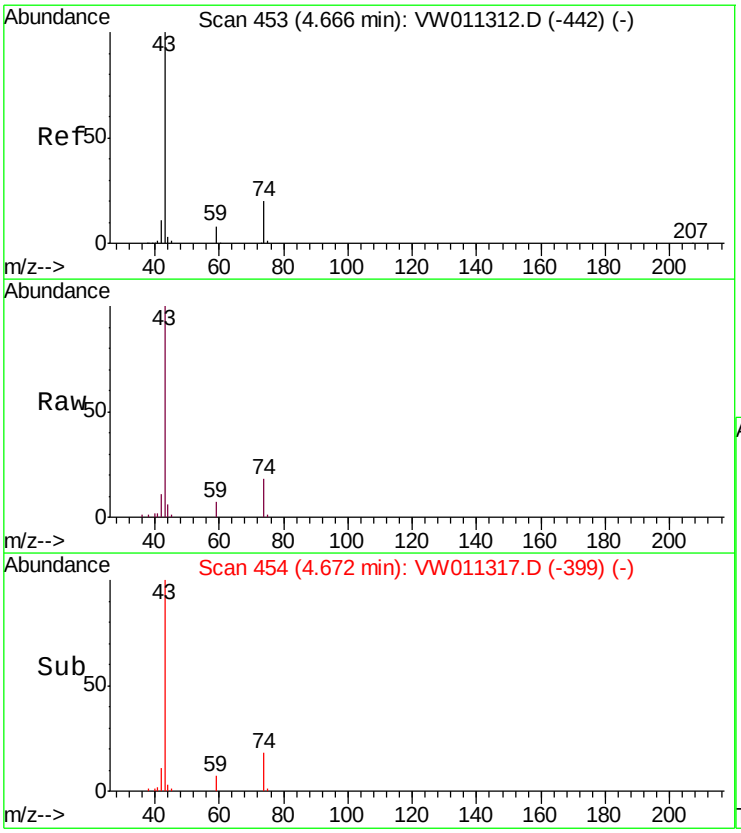
#13
Acetone
Concen: 31.399 ug/L
RT: 4.12 min Scan# 363
Delta R.T. -0.00 min
Lab File: VW011317.D
Acq: 17 Jul 2019 20:30

Instrument :
MSVOA_W
ClientSampleId :
A52H3

Tgt Ion: 43 Resp: 47827

Ion	Ratio	Lower	Upper
43	100		
58	28.9	0.0	55.0

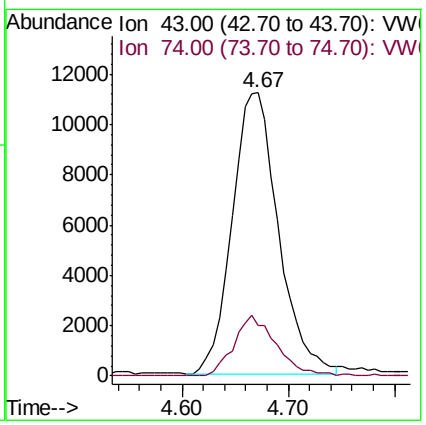


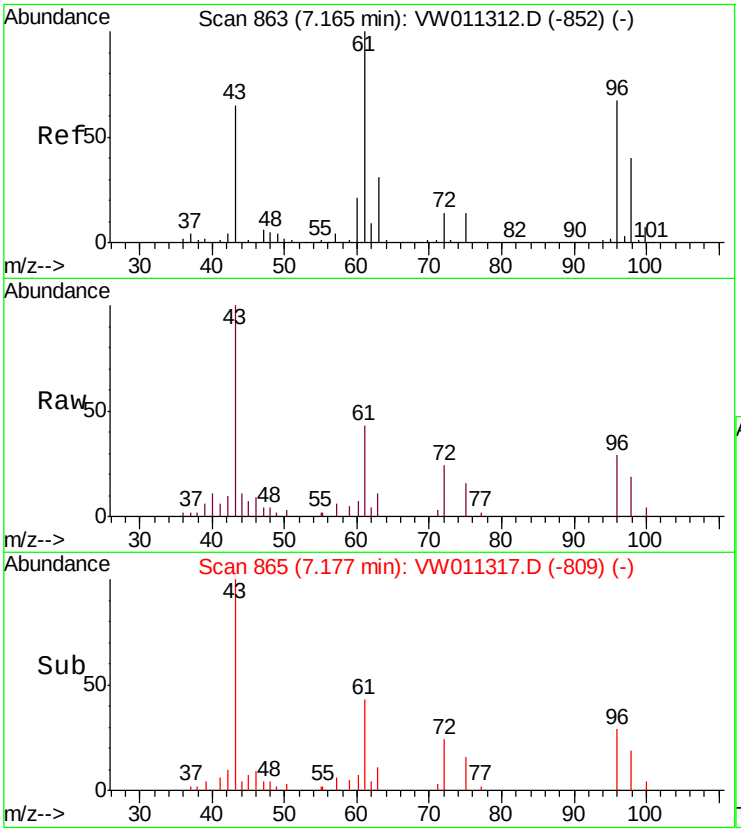


#15
Methyl Acetate
Concen: 13.751 ug/L
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW011317.D
Acq: 17 Jul 2019 20:30

Tgt Ion: 43 Resp: 34082

Ion	Ratio	Lower	Upper
43	100		
74	19.5	15.1	22.7



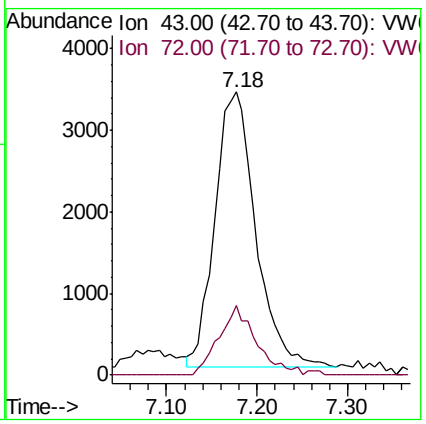


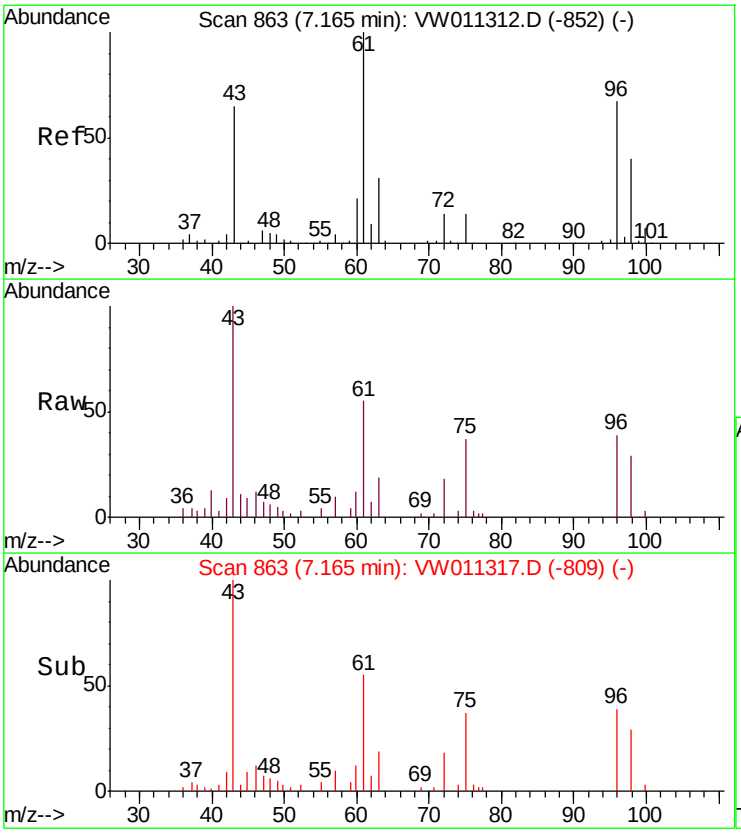
#21
2-Butanone
Concen: 5.382 ug/L
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW011317.D
Acq: 17 Jul 2019 20:30

Instrument :
MSVOA_W
ClientSampleId :
A52H3

Tgt Ion: 43 Resp: 10583

Ion	Ratio	Lower	Upper
43	100		
72	21.7	11.2	33.6

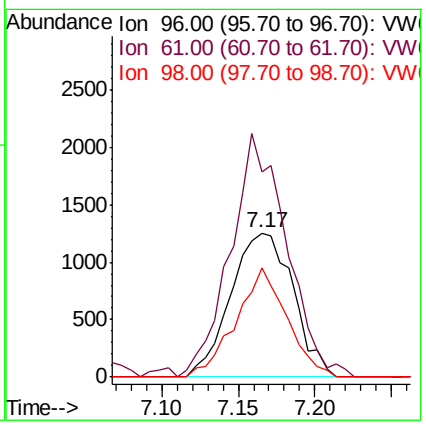


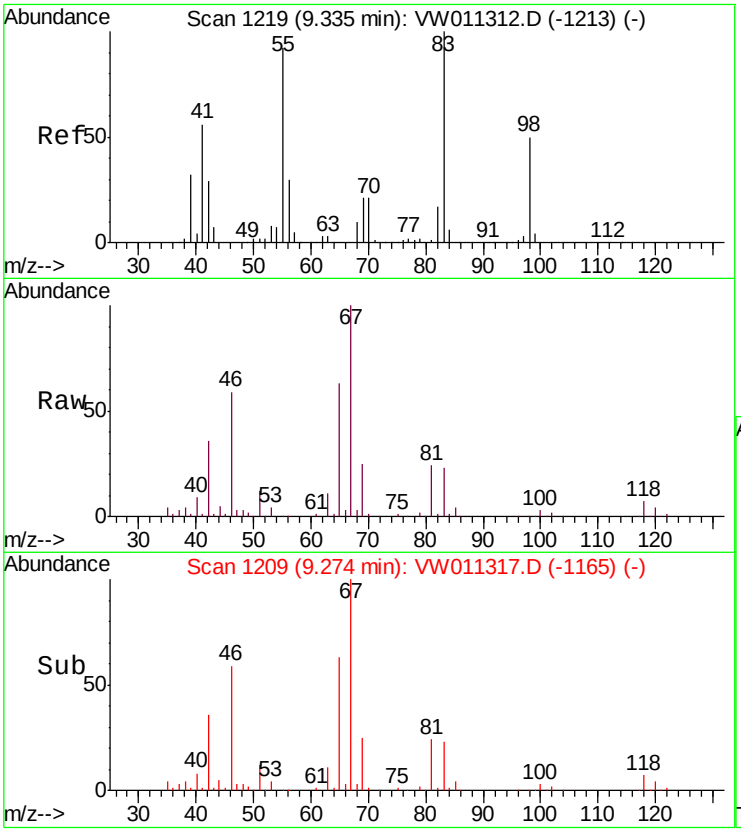


#22
cis-1,2-Dichloroethene
Concen: 0.951 ug/L
RT: 7.17 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW011317.D
Acq: 17 Jul 2019 20:30

Tgt Ion: 96 Resp: 3545

Ion	Ratio	Lower	Upper
96	100		
61	142.7	103.2	191.6
98	76.1	44.8	83.2





#36
Methylcyclohexane
Concen: 4.315 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW011317.D
Acq: 17 Jul 2019 20:30

Instrument :
MSVOA_W
ClientSampleId :
A52H3

Tgt Ion: 83 Resp: 26326

Ion	Ratio	Lower	Upper
83	100		
55	0.4	72.2	108.4#
98	1.7	38.2	57.4#