Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW042419\
Data File : VW010114.D
Acq On : 24 Apr 2019 14:53
Operator : SY/VA
Sample : K2456-16
Misc : 5.01G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAHN6

Quant Time: Apr 25 01:39:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042419S.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 25 01:36:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	637021	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	561242	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	199785	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	117893	19.36	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 77.44%			
7) Chloroethane-d5	2.89	69	104568	20.78	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 83.12%			
10) 1,1-Dichloroethene-d2	4.01	63	269302	15.07	ug/L	-0.01
Spiked Amount 25.000	Range 45 - 110		Recovery = 60.28%			
20) 2-Butanone-d5	7.08	46	123412	42.92	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 85.84%			
24) Chloroform-d	7.65	84	373861	22.04	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 88.16%			
26) 1,2-Dichloroethane-d4	8.30	65	222987	22.48	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 89.92%			
29) Benzene-d6	8.27	84	725712	22.83	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 91.32%			
33) 1,2-Dichloropropane-d6	9.27	67	233603	23.57	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 94.28%			
37) Toluene-d8	10.32	98	629794	21.81	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 87.24%			
38) trans-1,3-Dichloropropene-	10.58	79	94253	20.64	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 82.56%			
39) 2-Hexanone-d5	10.93	63	91002	43.70	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 87.40%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	168247	20.45	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 81.80%			
61) 1,2-Dichlorobenzene-d4	13.85	152	152036	20.55	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 82.20%			
Target Compounds						Qvalue
13) Acetone	4.12	43	25222	11.622	ug/L	98
21) 2-Butanone	7.18	43	5382	1.599	ug/L #	59
44) Toluene	10.38	91	32631	0.903	ug/L	96
54) m,p-Xylene	11.83	106	17431	1.162	ug/L	89
55) o-xylene	12.17	106	42092	2.959	ug/L	95
56) Styrene	12.18	104	61767	2.553	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.47	75	120165	109.952	ug/L #	6
69) Naphthalene	15.37	128	6212554	331.693	ug/L	98

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

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Instrument :
MSVOA_W
ClientSampleId :
GAHN6

Quant Time: Apr 25 01:39:27 2019
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Quant Title : VOC Analysis
QLast Update : Thu Apr 25 01:36:45 2019
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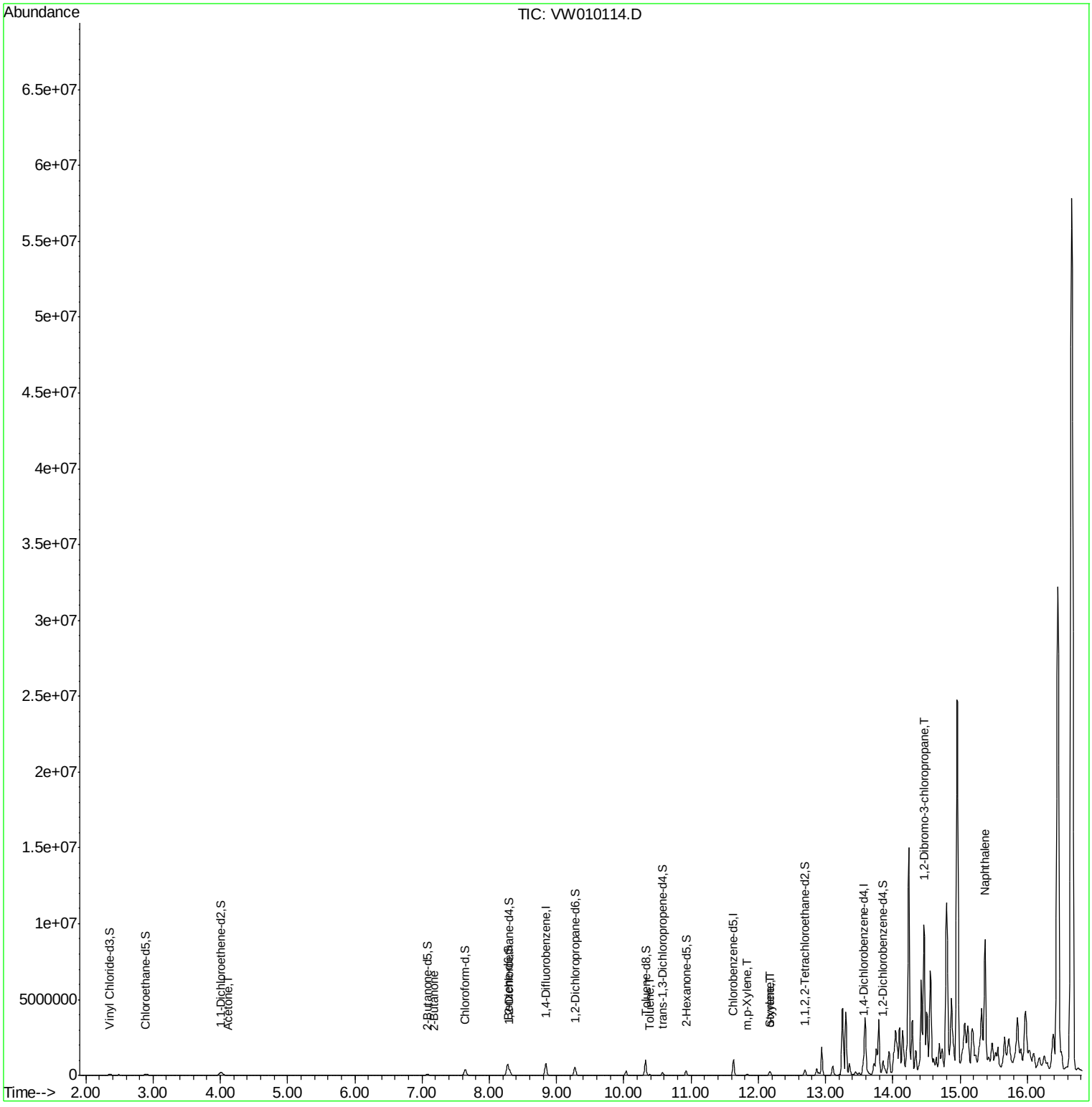
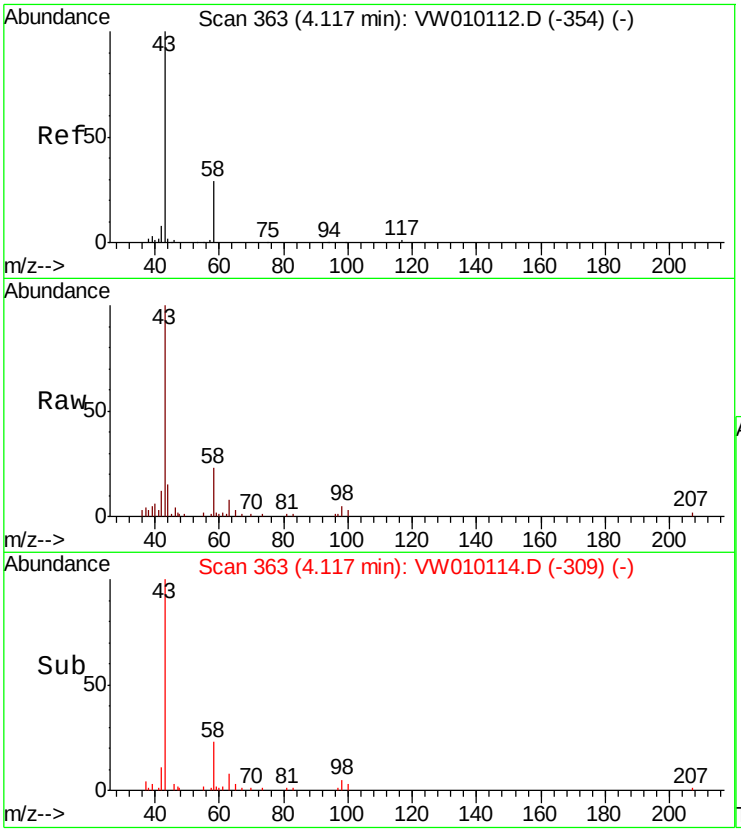


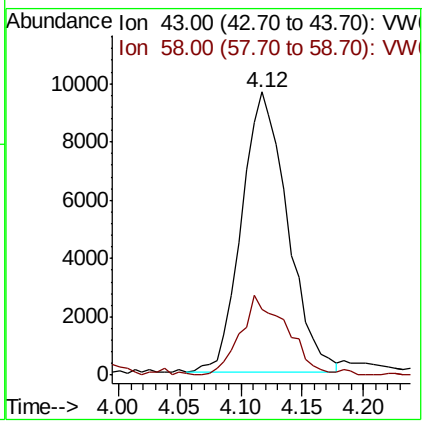


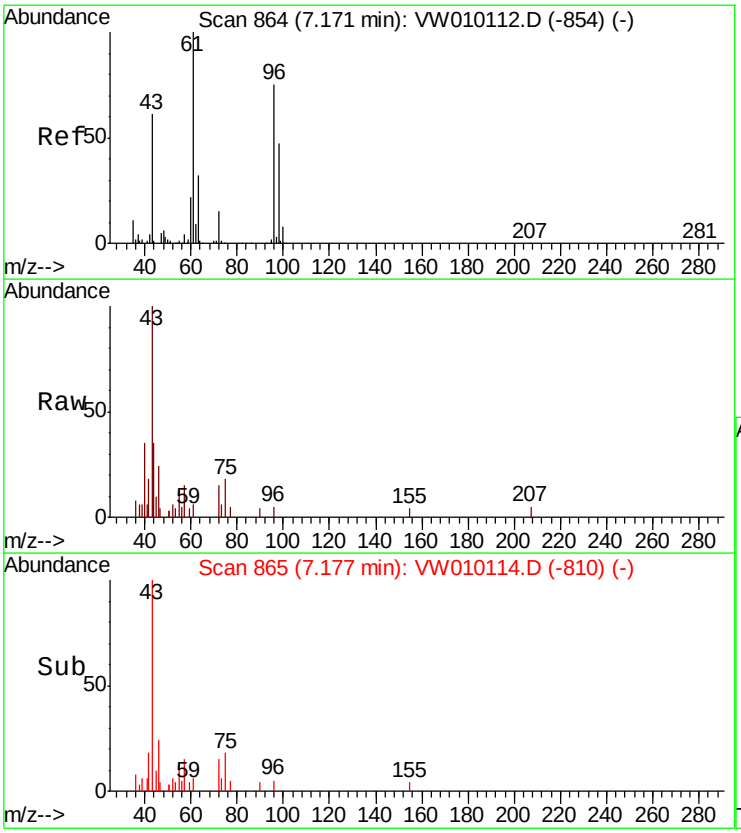
#13
Acetone
Concen: 11.622 ug/L
RT: 4.12 min Scan# 363
Delta R.T. -0.00 min
Lab File: VW010114.D
Acq: 24 Apr 2019 14:53

Instrument :
MSVOA_W
ClientSampleId :
GAHN6

Tgt Ion: 43 Resp: 25222

Ion	Ratio	Lower	Upper
43	100		
58	28.1	0.0	58.2

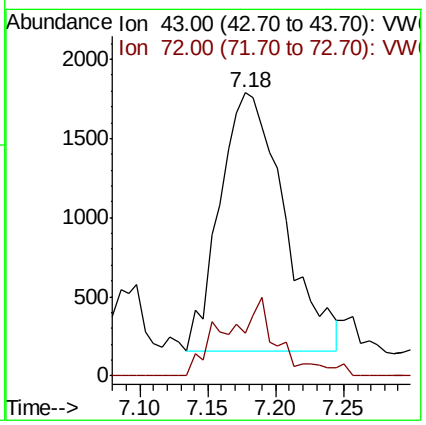


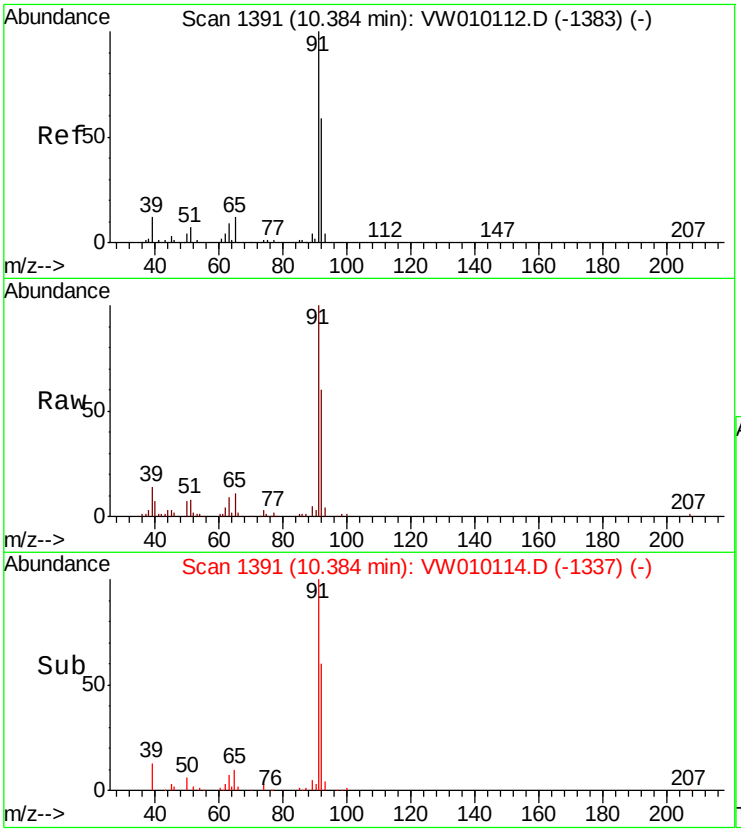


#21
2-Butanone
Concen: 1.599 ug/L
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW010114.D
Acq: 24 Apr 2019 14:53

Tgt Ion: 43 Resp: 5382

Ion	Ratio	Lower	Upper
43	100		
72	4.1	12.3	36.8#



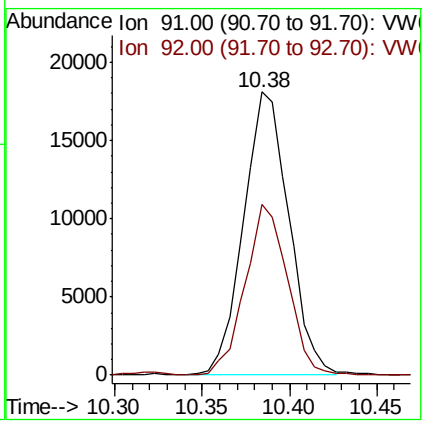


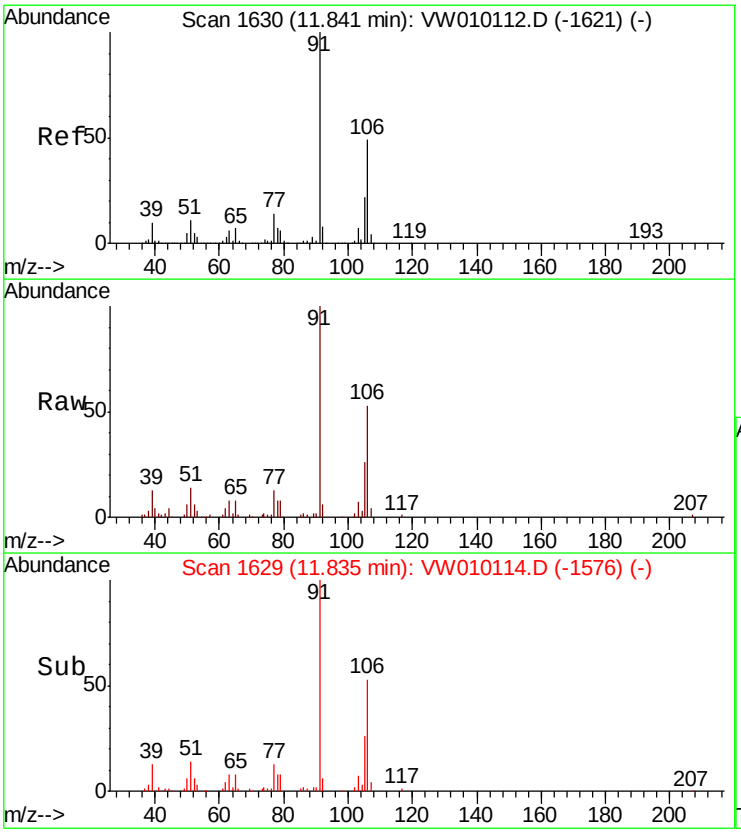
#44
Toluene
Concen: 0.903 ug/L
RT: 10.38 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VW010114.D
Acq: 24 Apr 2019 14:53

Instrument :
MSVOA_W
ClientSampleId :
GAHN6

Tgt Ion: 91 Resp: 32631

Ion	Ratio	Lower	Upper
91	100		
92	60.5	40.3	74.9

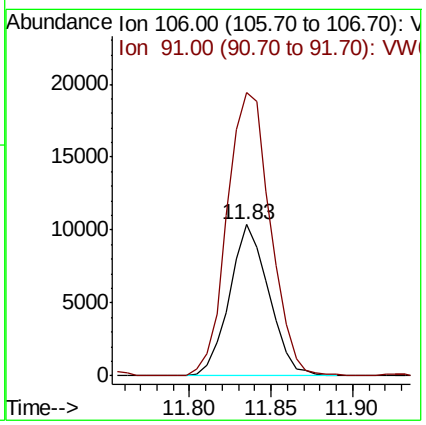


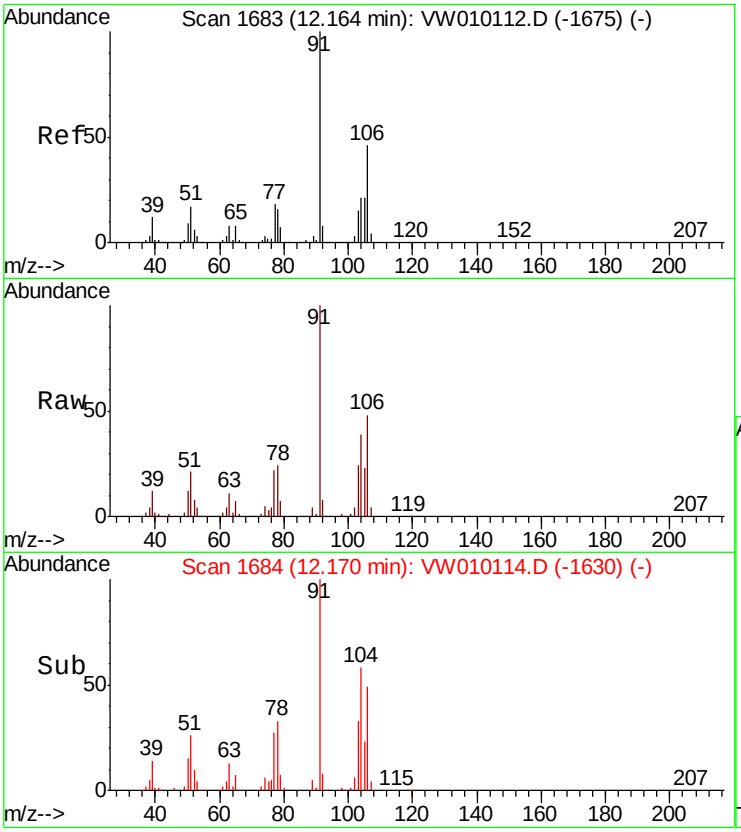


#54
m,p-Xylene
Concen: 1.162 ug/L
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW010114.D
Acq: 24 Apr 2019 14:53

Tgt Ion:106 Resp: 17431

Ion	Ratio	Lower	Upper
106	100		
91	187.4	143.4	266.4



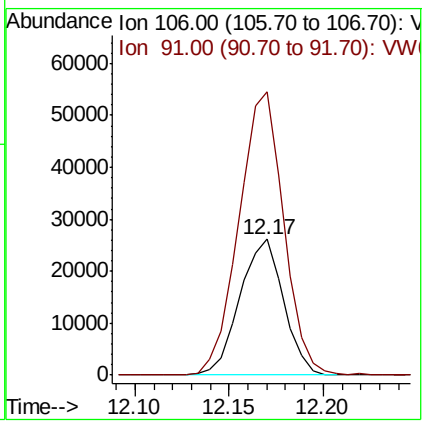


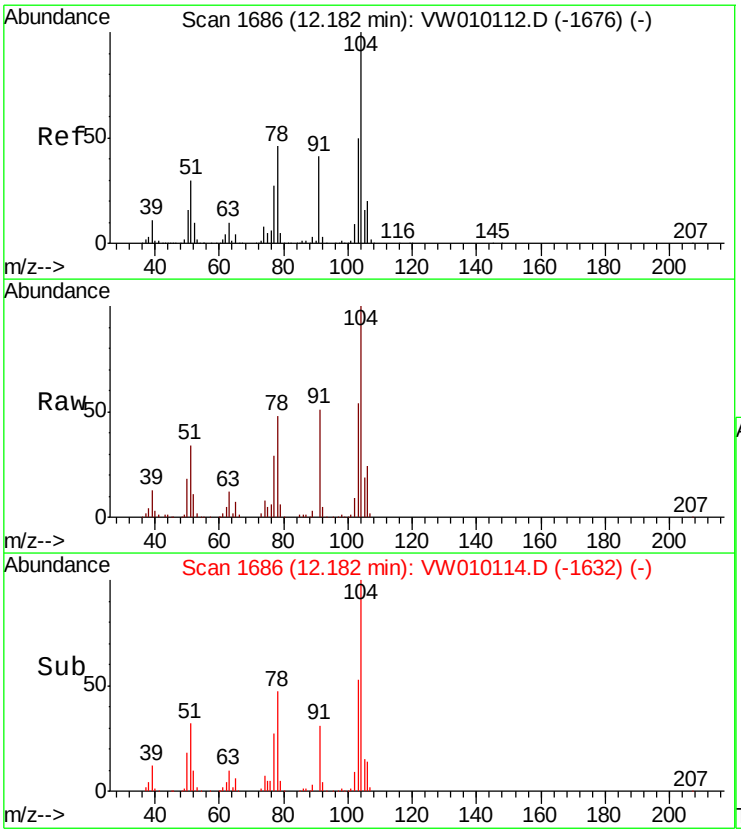
#55
o-xylene
Concen: 2.959 ug/L
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW010114.D
Acq: 24 Apr 2019 14:53

Instrument :
MSVOA_W
ClientSampleId :
GAHN6

Tgt Ion:106 Resp: 42092

Ion	Ratio	Lower	Upper
106	100		
91	207.9	151.4	281.2

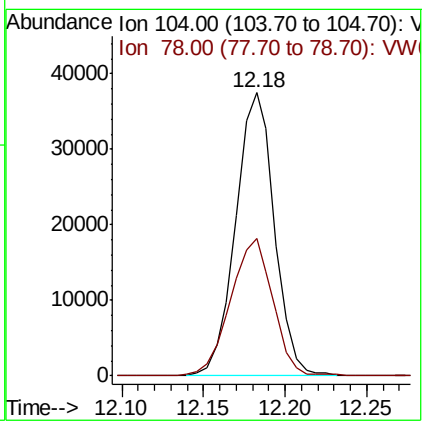


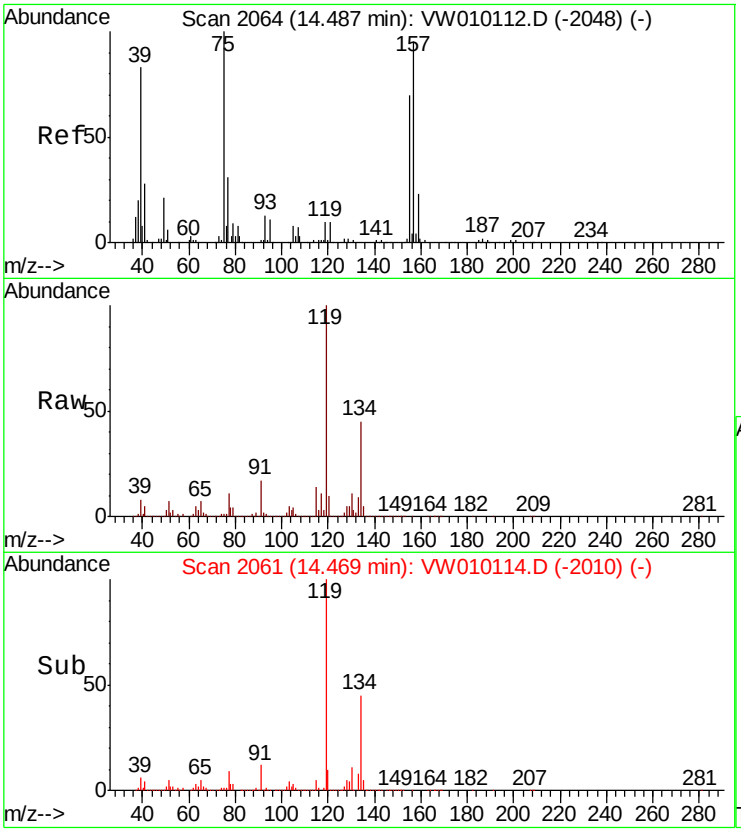


#56
Styrene
Concen: 2.553 ug/L
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW010114.D
Acq: 24 Apr 2019 14:53

Tgt Ion:104 Resp: 61767

Ion	Ratio	Lower	Upper
104	100		
78	48.5	33.4	62.0



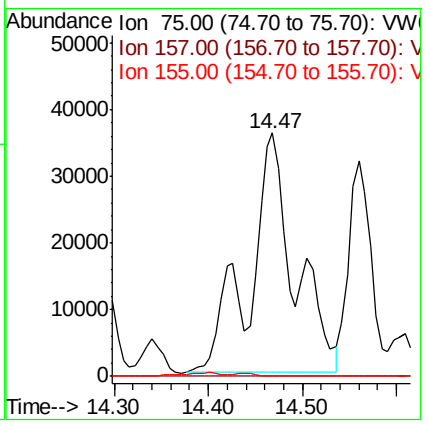


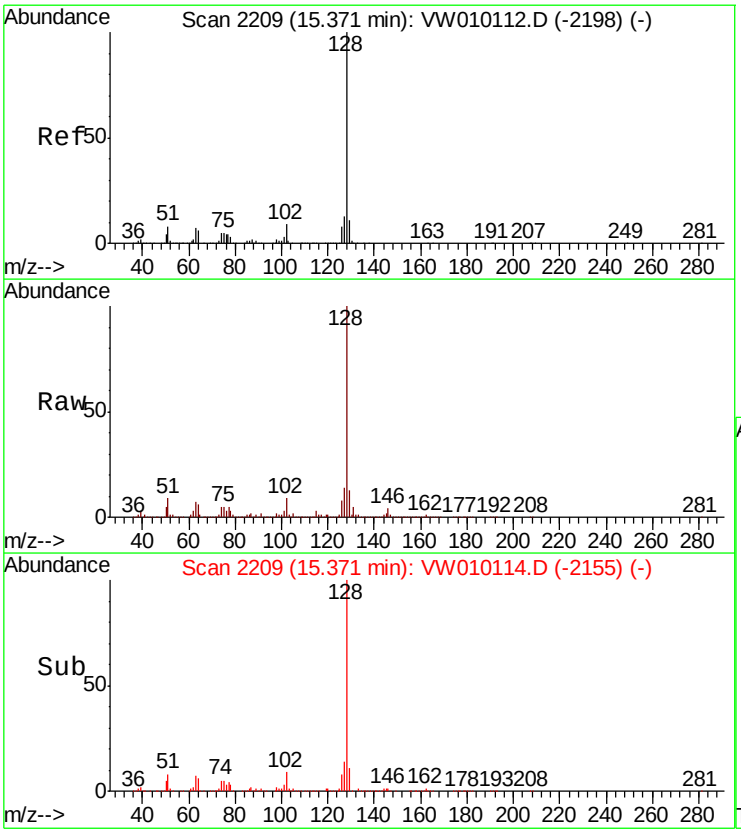
#66
1,2-Dibromo-3-chloropropane
Concen: 109.952 ug/L
RT: 14.47 min Scan# 2061
Delta R.T. -0.02 min
Lab File: VW010114.D
Acq: 24 Apr 2019 14:53

Instrument :
MSVOA_W
ClientSampleId :
GAHN6

Tgt Ion: 75 Resp: 120165

Ion	Ratio	Lower	Upper
75	100		
157	0.0	78.4	117.6#
155	0.0	60.2	90.2#





#69
Naphthalene
Concen: 331.693 ug/L
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW010114.D
Acq: 24 Apr 2019 14:53

Tgt Ion:128 Resp: 6212554

Ion	Ratio	Lower	Upper
128	100		
129	12.6	8.6	13.0
127	13.7	10.8	16.2