Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW050119\
Data File : VW010253.D
Acq On : 01 May 2019 19:40
Operator : SY/VA
Sample : K2604-10
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAJ84

Quant Time: May 02 04:42:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
Quant Title : VOC Analysis
QLast Update : Thu May 02 03:31:19 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	544720	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	451740	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	147857	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	97975	15.85	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 63.40%			
7) Chloroethane-d5	2.89	69	93750	18.50	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 74.00%			
10) 1,1-Dichloroethene-d2	4.01	63	191842	13.96	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 55.84%			
20) 2-Butanone-d5	7.08	46	113923	49.98	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 99.96%			
24) Chloroform-d	7.65	84	325489	23.06	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 92.24%			
26) 1,2-Dichloroethane-d4	8.31	65	194096	23.93	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.72%			
29) Benzene-d6	8.27	84	559803	23.01	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 92.04%			
33) 1,2-Dichloropropane-d6	9.27	67	197087	25.94	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 103.76%			
37) Toluene-d8	10.32	98	450902	20.38	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 81.52%			
38) trans-1,3-Dichloropropene-	10.58	79	74496	21.28	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 85.12%			
39) 2-Hexanone-d5	10.93	63	86133	53.94	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 107.88%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	155049	23.89	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 95.56%			
61) 1,2-Dichlorobenzene-d4	13.86	152	114256	20.80	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 83.20%			
Target Compounds						Qvalue
13) Acetone	4.12	43	12778	7.094	ug/L	74
44) Toluene	10.38	91	157609	5.809	ug/L	97
47) Tetrachloroethene	10.87	164	7815	1.393	ug/L	94
54) m,p-Xylene	11.83	106	16742	1.448	ug/L	88
55) o-xylene	12.16	106	376301	34.435	ug/L	99
56) Styrene	12.18	104	151685	8.015	ug/L	85

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

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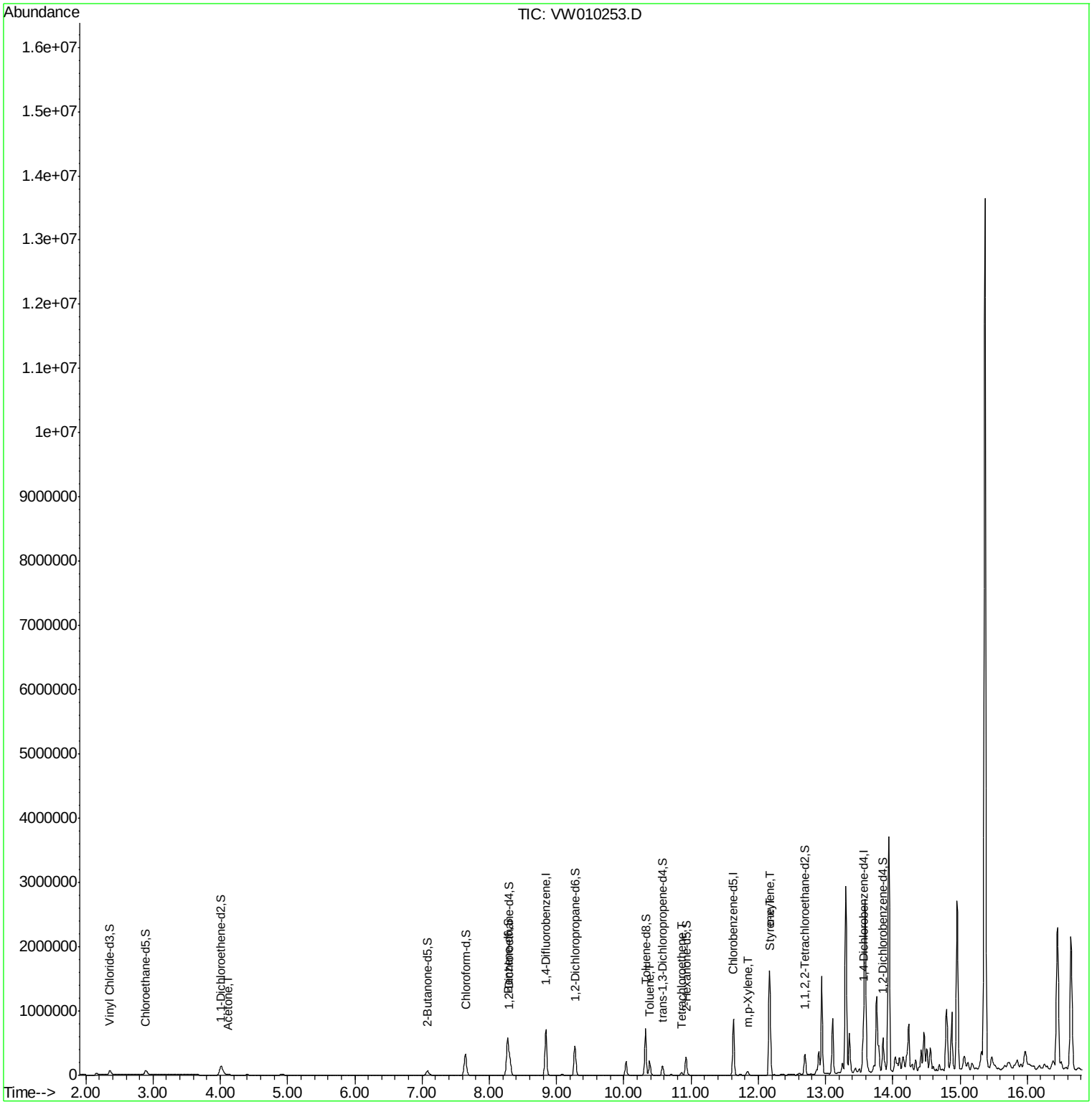
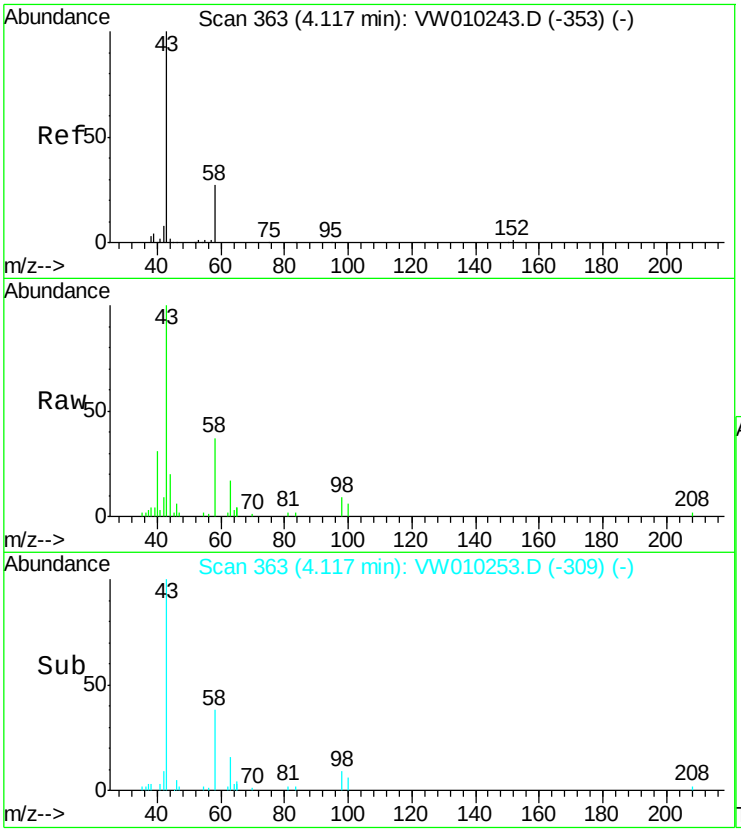


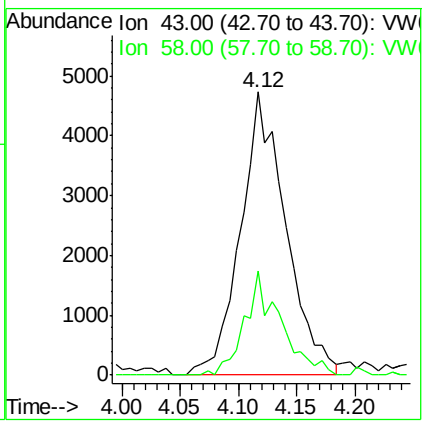


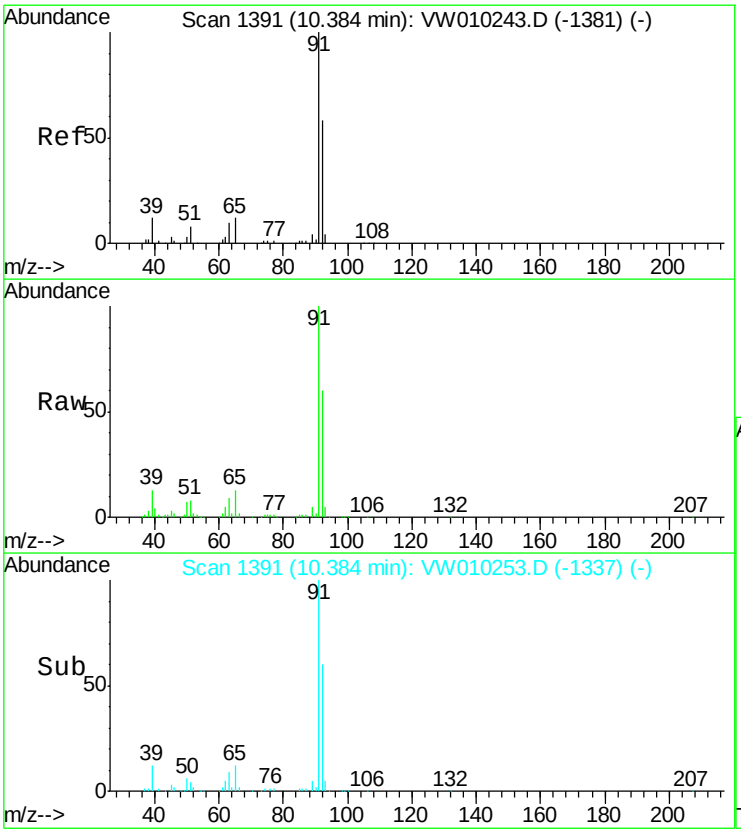
#13
Acetone
Concen: 7.094 ug/L
RT: 4.12 min Scan# 363
Delta R.T. -0.00 min
Lab File: VW010253.D
Acq: 01 May 2019 19:40

Instrument :
MSVOA_W
ClientSampleId :
GAJ84

Tgt Ion: 43 Resp: 12778

Ion	Ratio	Lower	Upper
43	100		
58	16.0	0.0	59.8

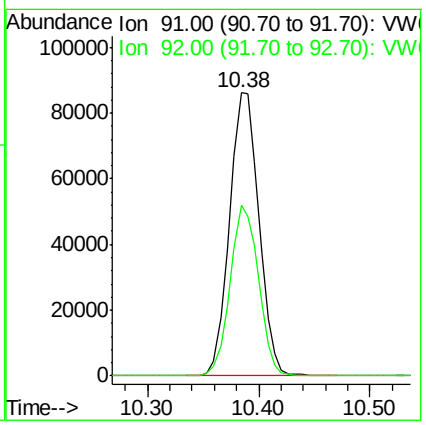


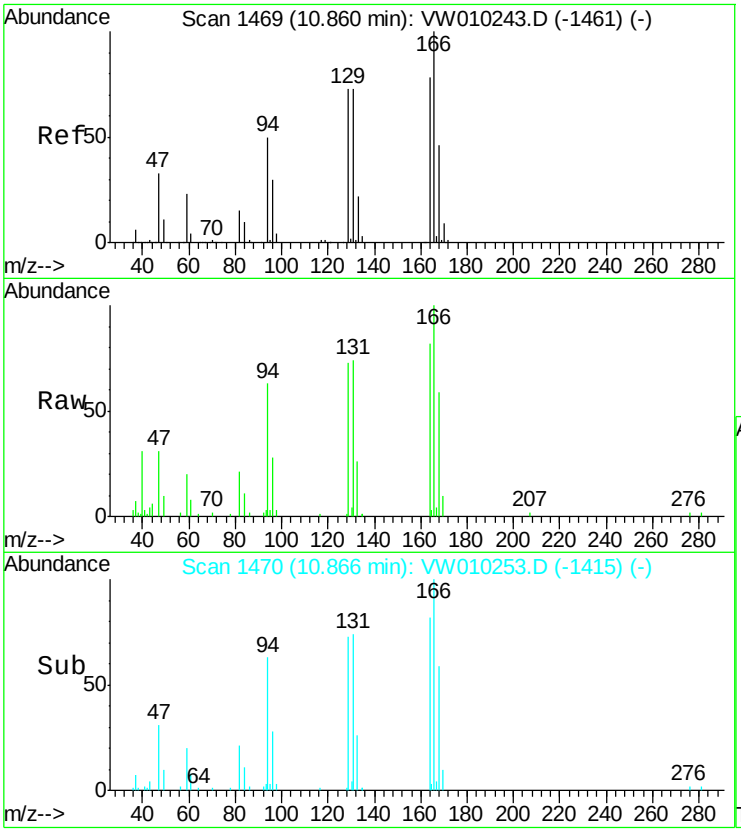


#44
Toluene
Concen: 5.809 ug/L
RT: 10.38 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VW010253.D
Acq: 01 May 2019 19:40

Tgt Ion: 91 Resp: 157609

Ion	Ratio	Lower	Upper
91	100		
92	60.2	40.4	75.0



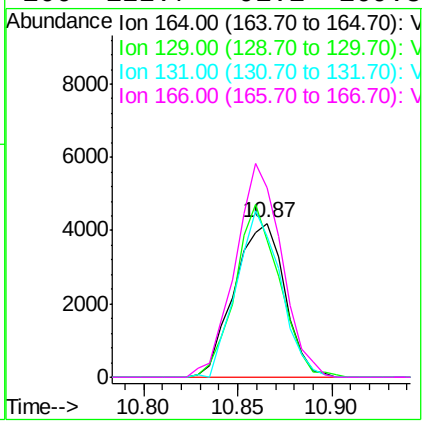


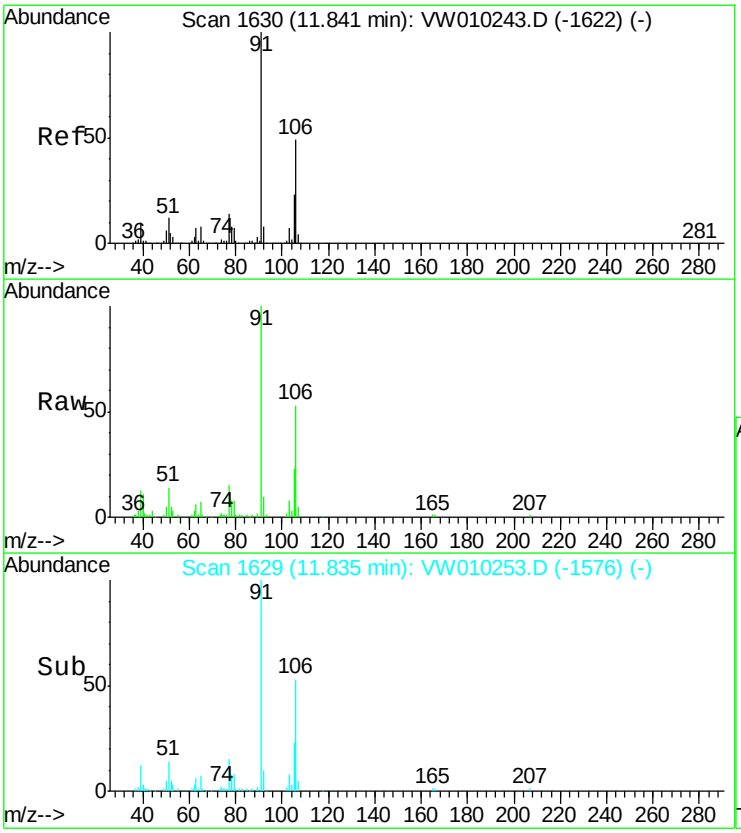
#47
Tetrachloroethene
Concen: 1.393 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW010253.D
Acq: 01 May 2019 19:40

Instrument : MSVOA_W
ClientSampleId : GAJ84

Tgt Ion:164 Resp: 7815

Ion	Ratio	Lower	Upper
164	100		
129	89.1	68.3	126.9
131	91.1	66.8	124.0
166	122.7	91.1	169.3

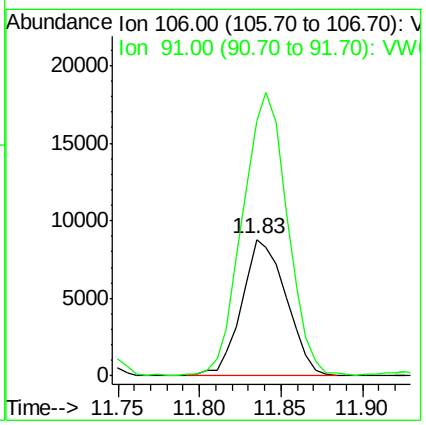


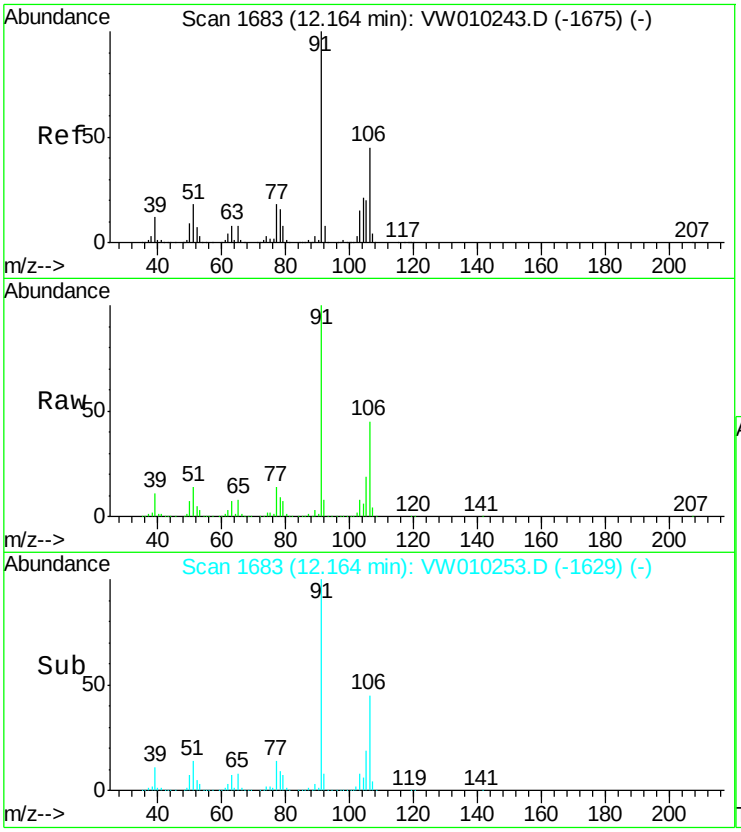


#54
m,p-Xylene
Concen: 1.448 ug/L
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW010253.D
Acq: 01 May 2019 19:40

Tgt Ion:106 Resp: 16742

Ion	Ratio	Lower	Upper
106	100		
91	187.3	143.8	267.0



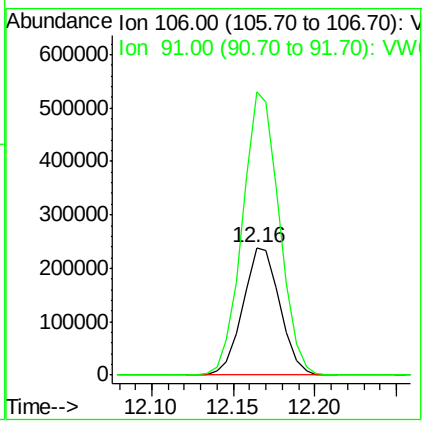


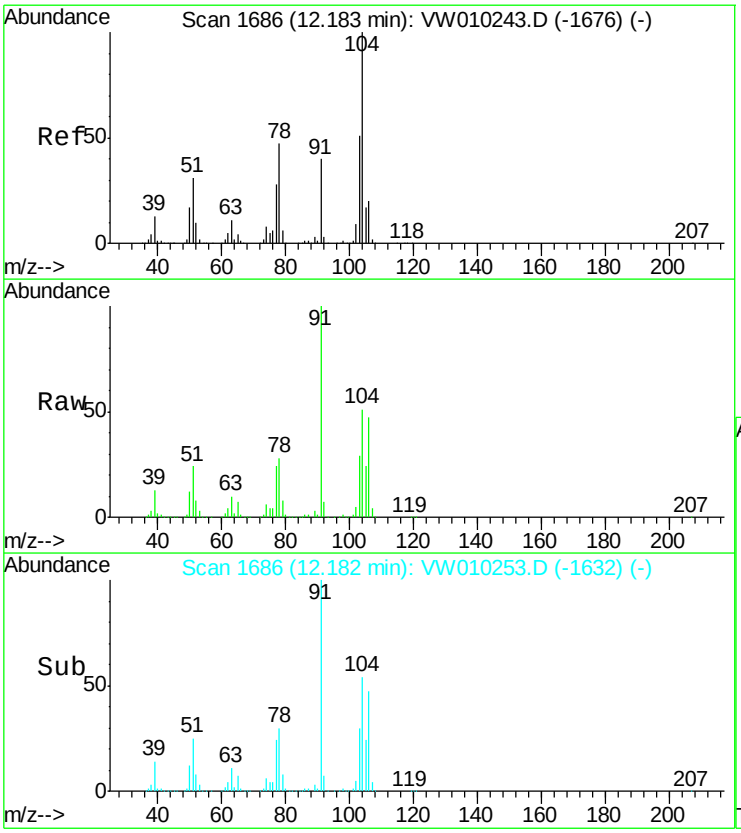
#55
o-xylene
Concen: 34.435 ug/L
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW010253.D
Acq: 01 May 2019 19:40

Instrument : MSVOA_W
ClientSampleId : GAJ84

Tgt Ion:106 Resp: 376301

Ion	Ratio	Lower	Upper
106	100		
91	221.7	156.2	290.2





#56
Styrene
Concen: 8.015 ug/L
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW010253.D
Acq: 01 May 2019 19:40

Tgt Ion:104 Resp: 151685

Ion	Ratio	Lower	Upper
104	100		
78	55.4	31.9	59.2