Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW042319\
Data File : VW010095.D
Acq On : 23 Apr 2019 12:14
Operator : SY/VA
Sample : K2456-02
Misc : 5.02G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAHQ2

Quant Time: Apr 24 04:09:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 24 03:51:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	327609	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	264478	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	69976	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	82886	26.77	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 107.08%			
7) Chloroethane-d5	2.89	69	68698	21.91	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 87.64%			
10) 1,1-Dichloroethene-d2	4.00	63	175557	20.45	ug/L	-0.01
Spiked Amount 25.000	Range 45 - 110		Recovery = 81.80%			
20) 2-Butanone-d5	7.08	46	82520	49.27	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 98.54%			
24) Chloroform-d	7.65	84	236854	25.01	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 100.04%			
26) 1,2-Dichloroethane-d4	8.31	65	146088	24.86	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.44%			
29) Benzene-d6	8.27	84	433304	29.81	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 119.24%			
33) 1,2-Dichloropropane-d6	9.27	67	139162	30.06	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 120.24%#			
37) Toluene-d8	10.32	98	324905	24.50	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 98.00%			
38) trans-1,3-Dichloropropene-	10.58	79	52637	23.98	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 95.92%			
39) 2-Hexanone-d5	10.93	63	54942	53.56	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 107.12%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	98374	22.72	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 90.88%			
61) 1,2-Dichlorobenzene-d4	13.86	152	60783	23.11	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 92.44%			
Target Compounds						Qvalue
13) Acetone	4.12	43	5500	3.693	ug/L	89
16) Methylene chloride	4.91	84	25877	4.362	ug/L	97
44) Toluene	10.38	91	71430	4.322	ug/L	100
53) Ethylbenzene	11.73	91	44562	2.412	ug/L	97
54) m,p-Xylene	11.83	106	121765	18.019	ug/L	96
55) o-xylene	12.17	106	108646	16.763	ug/L	96
56) Styrene	12.18	104	145517	12.825	ug/L	96

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

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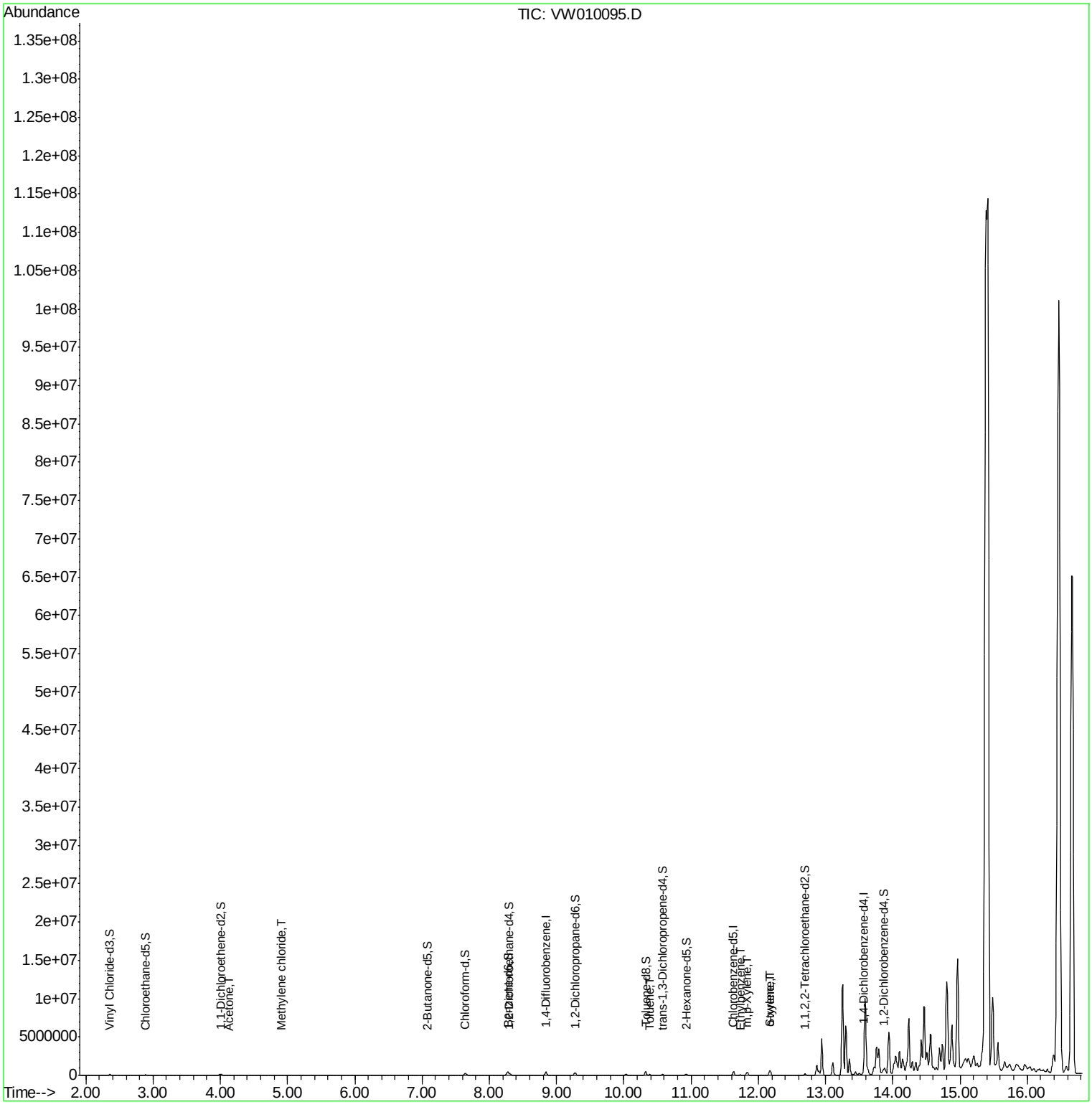
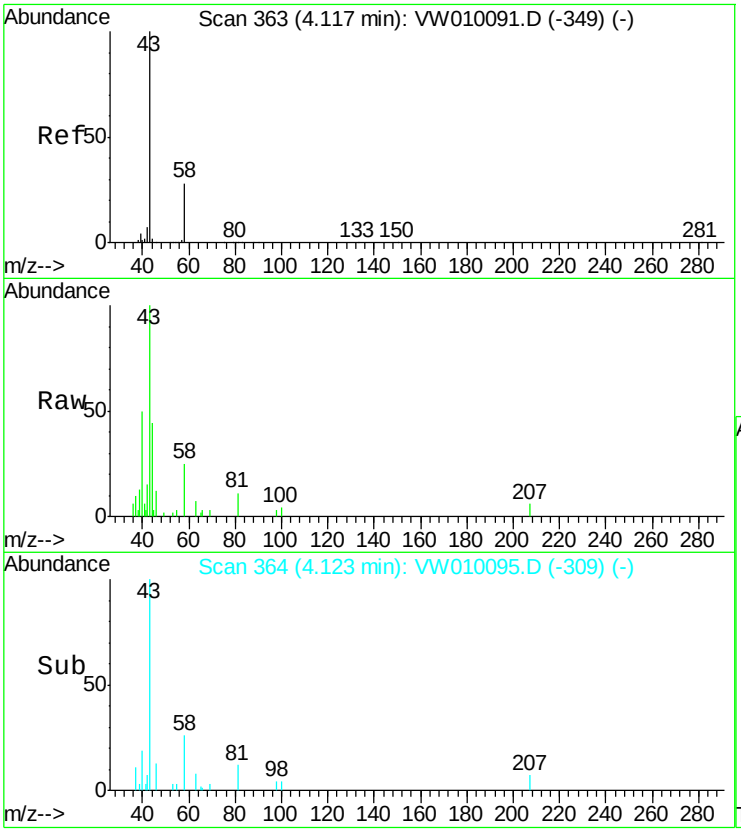


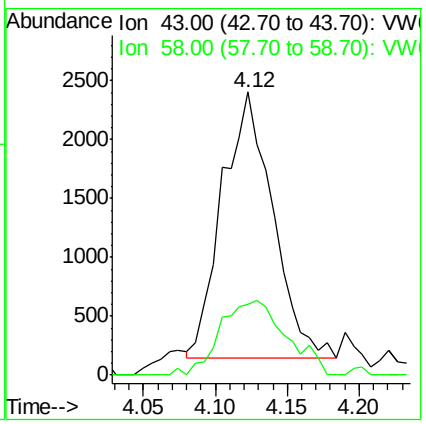


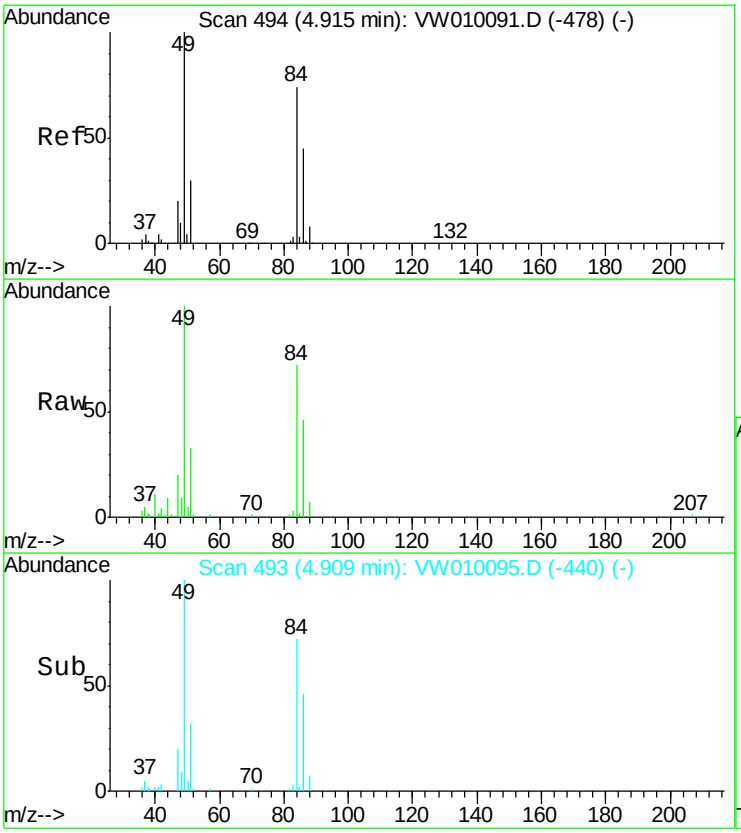
#13
Acetone
Concen: 3.693 ug/L
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW010095.D
Acq: 23 Apr 2019 12:14

Instrument :
MSVOA_W
ClientSampleId :
GAHQ2

Tgt Ion: 43 Resp: 5500

Ion	Ratio	Lower	Upper
43	100		
58	33.7	0.0	56.2

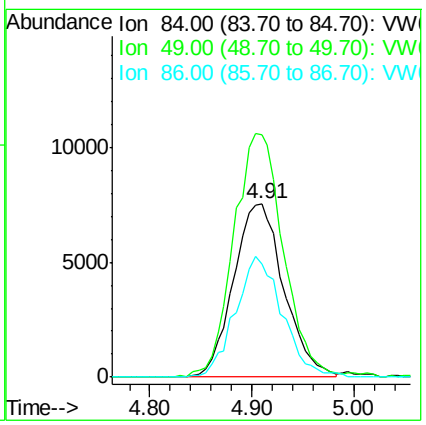


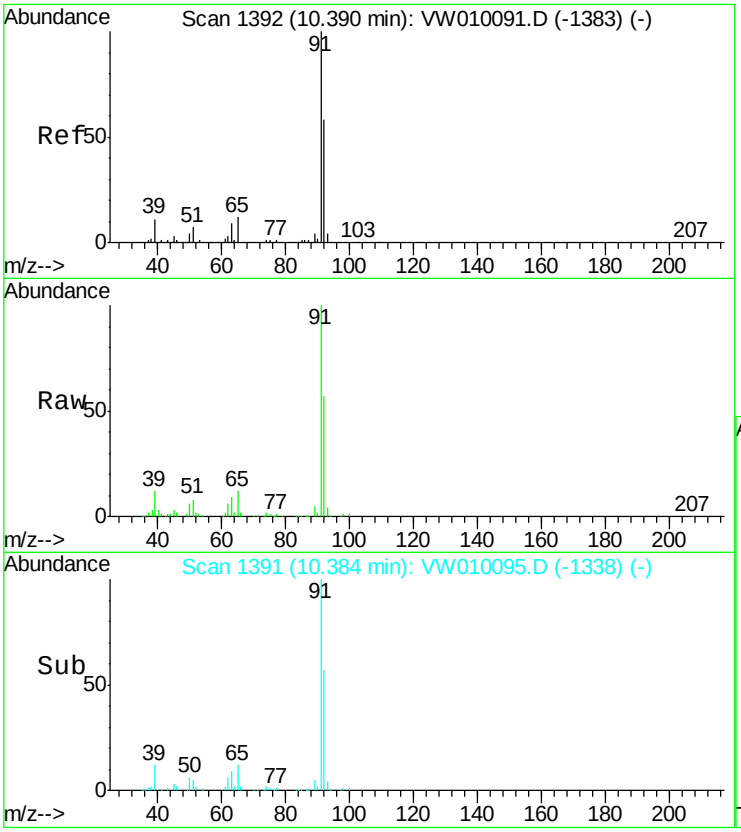


#16
Methylene chloride
Concen: 4.362 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW010095.D
Acq: 23 Apr 2019 12:14

Tgt Ion: 84 Resp: 25877

Ion	Ratio	Lower	Upper
84	100		
49	139.8	100.7	187.1
86	64.9	43.8	81.3



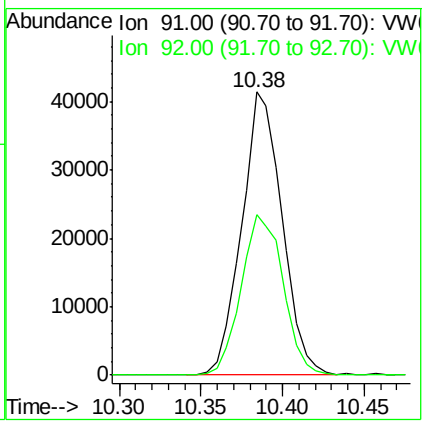


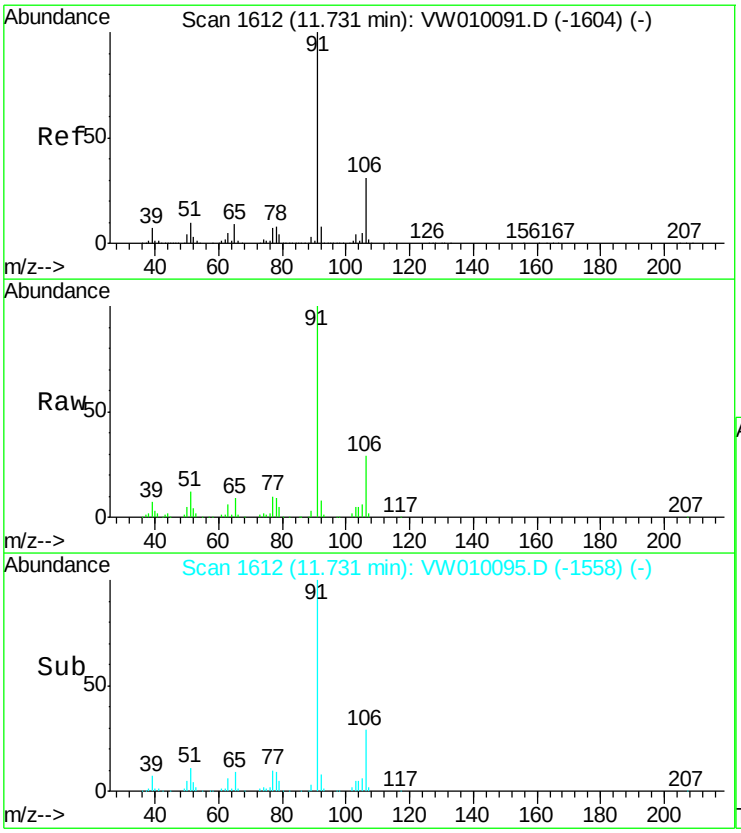
#44
Toluene
Concen: 4.322 ug/L
RT: 10.38 min Scan# 1391
Delta R.T. -0.01 min
Lab File: VW010095.D
Acq: 23 Apr 2019 12:14

Instrument : MSVOA_W
ClientSampleId : GAHQ2

Tgt Ion: 91 Resp: 71430

Ion	Ratio	Lower	Upper
91	100		
92	56.6	39.8	74.0

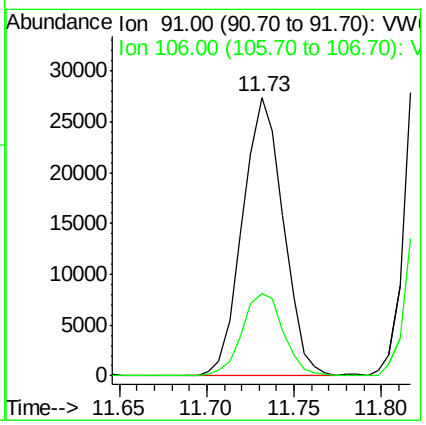


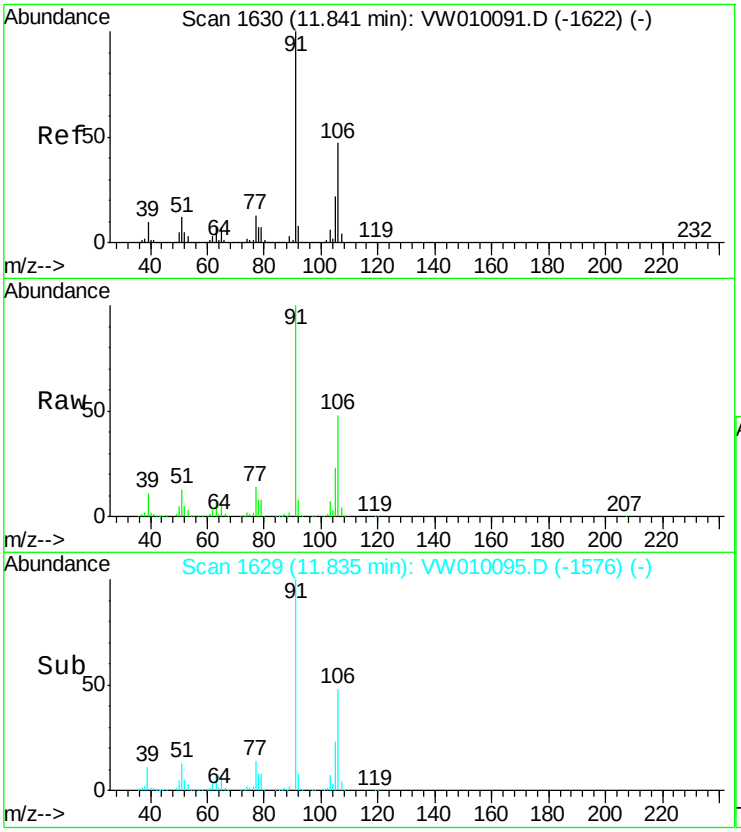


#53
Ethylbenzene
Concen: 2.412 ug/L
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW010095.D
Acq: 23 Apr 2019 12:14

Tgt Ion: 91 Resp: 44562

Ion	Ratio	Lower	Upper
91	100		
106	29.4	21.8	40.4



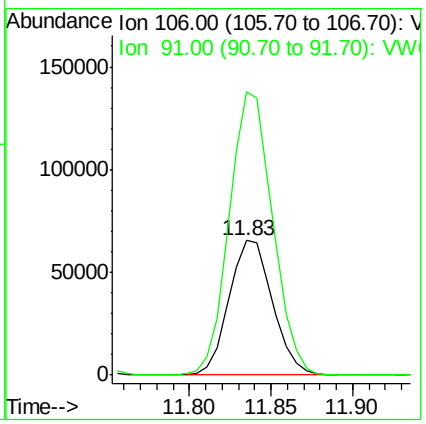


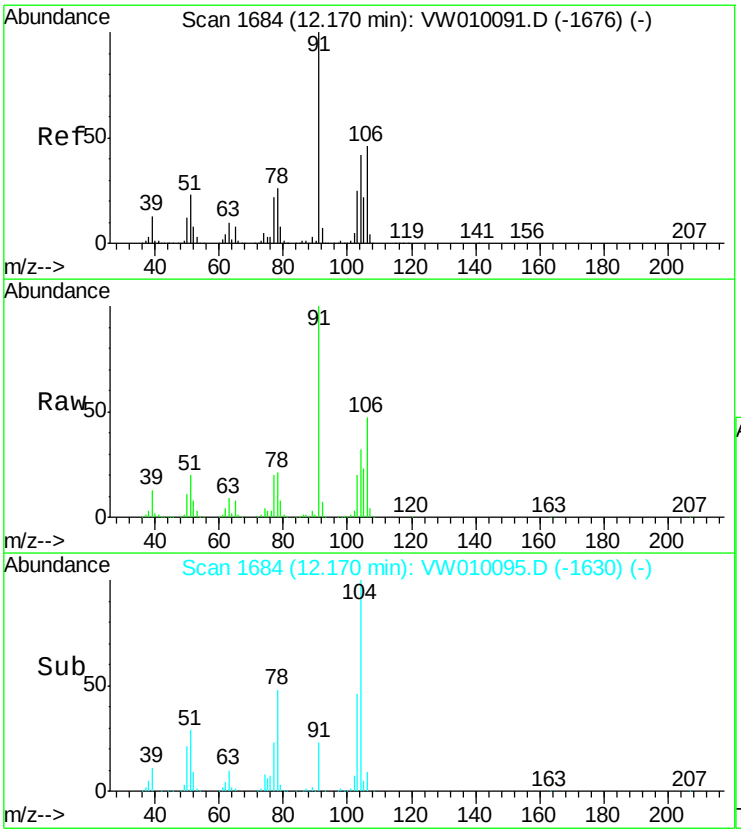
#54
m,p-Xylene
Concen: 18.019 ug/L
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW010095.D
Acq: 23 Apr 2019 12:14

Instrument :
MSVOA_W
ClientSampleId :
GAHQ2

Tgt Ion:106 Resp: 121765

Ion	Ratio	Lower	Upper
106	100		
91	210.2	143.4	266.2

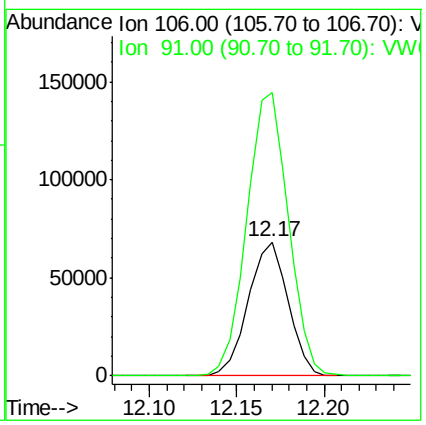


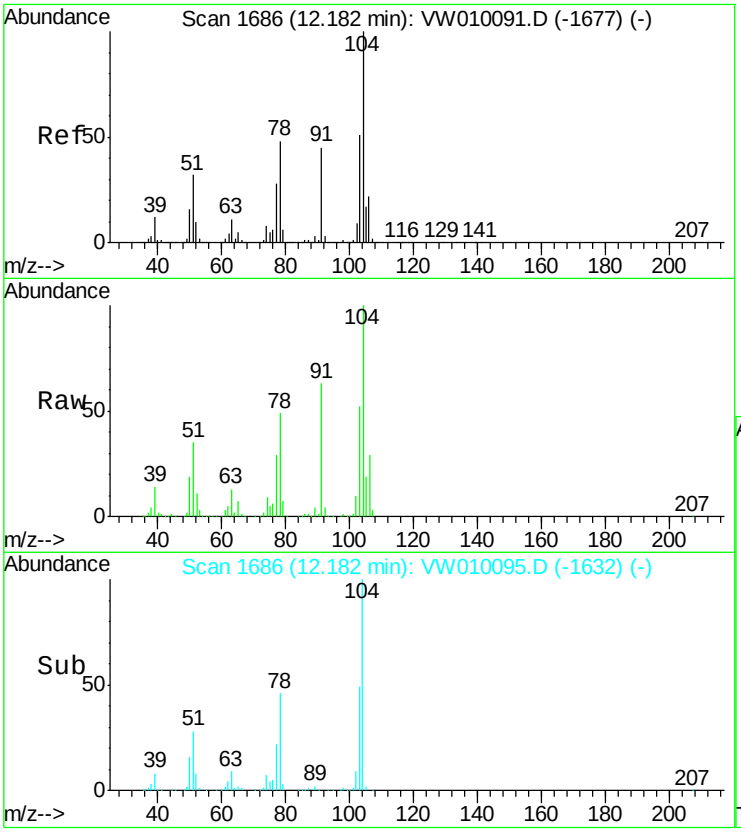


#55
o-xylene
Concen: 16.763 ug/L
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW010095.D
Acq: 23 Apr 2019 12:14

Tgt Ion:106 Resp: 108646

Ion	Ratio	Lower	Upper
106	100		
91	211.5	152.2	282.7





#56
Stvrene
Concen: 12.825 ug/L
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW010095.D
Acq: 23 Apr 2019 12:14

Instrument :
MSVOA_W
ClientSampleId :
GAHQ2

Tgt Ion:104 Resp: 145517

Ion	Ratio	Lower	Upper
104	100		
78	49.2	32.7	60.7