Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061120\
Data File : VV016853.D
Acq On : 12 Jun 2020 01:58
Operator : SY/MD
Sample : L2915-14DL 200X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E22DL

Quant Time: Jun 12 07:13:14 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 12 05:55:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	365100	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	340934	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	167194	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	106424	41.31	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 82.62%			
7) Chloroethane-d5	1.56	69	71643	46.35	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 92.70%			
11) 1,1-Dichloroethene-d2	2.12	63	143040	33.06	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 66.12%			
21) 2-Butanone-d5	3.90	46	167080	87.63	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 87.63%			
24) Chloroform-d	4.37	84	217078	41.44	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 82.88%			
26) 1,2-Dichloroethane-d4	5.05	65	161745	45.39	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.78%			
32) Benzene-d6	5.07	84	432611	44.02	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.04%			
36) 1,2-Dichloropropane-d6	6.09	67	133798	43.67	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 87.34%			
41) Toluene-d8	7.34	98	390886	43.34	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 86.68%			
43) trans-1,3-Dichloropropene-	7.64	79	62771	39.34	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 78.68%			
47) 2-Hexanone-d5	8.11	63	101904	76.30	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 76.30%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	167717	41.36	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 82.72%			
64) 1,2-Dichlorobenzene-d4	11.65	152	161244	45.19	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 90.38%			
Target Compounds						Qvalue
29) Cyclohexane	4.70	56	4484	1.058	ug/L #	88
33) Benzene	5.12	78	1092846	108.339	ug/L	100
42) Toluene	7.41	91	188685	17.744	ug/L	99
52) Ethylbenzene	9.04	91	117976	10.016	ug/L	99
53) m,p-Xylene	9.16	106	8315	1.896	ug/L	96
54) o-xylene	9.57	106	8706	2.013	ug/L	99

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

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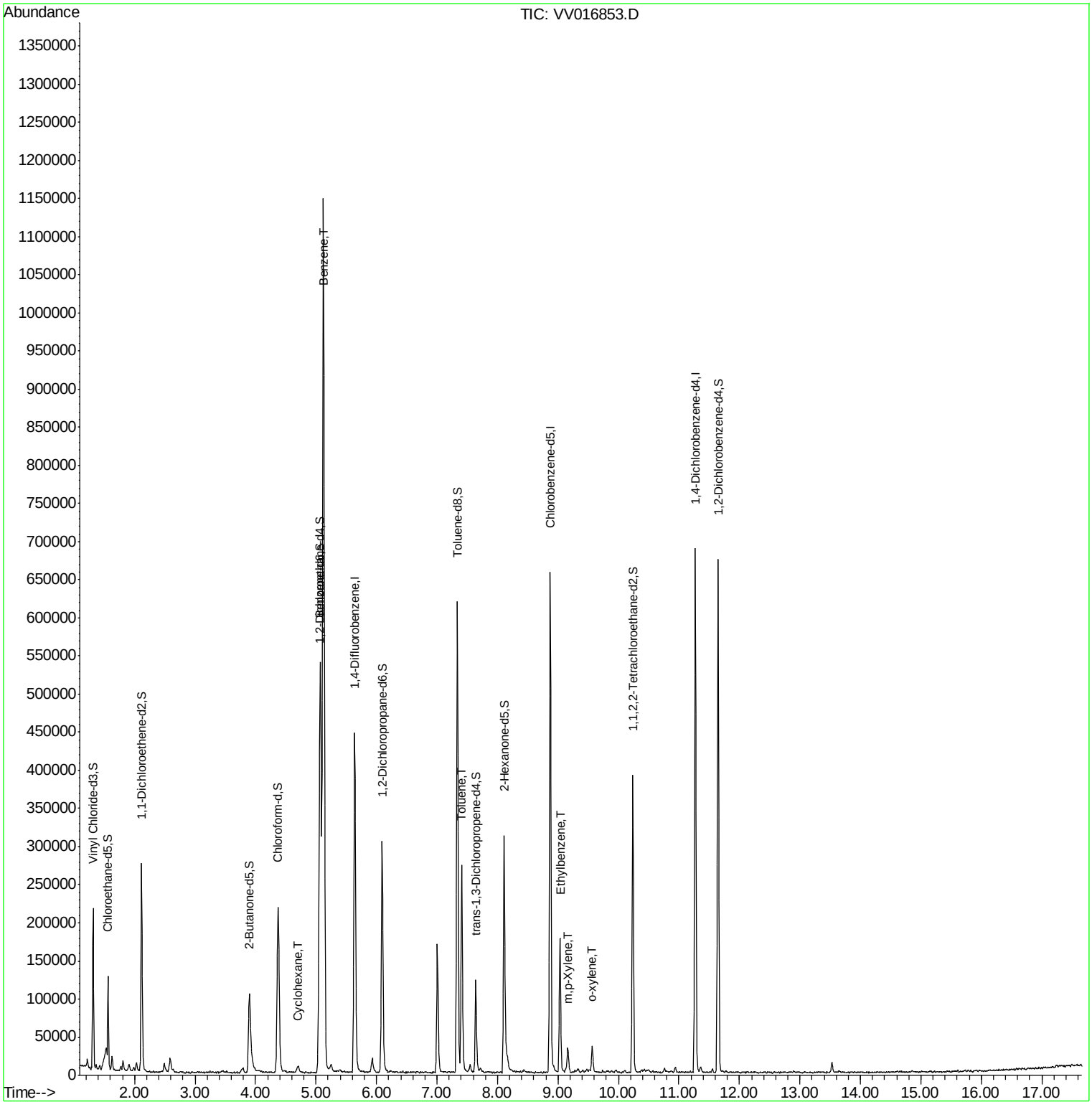
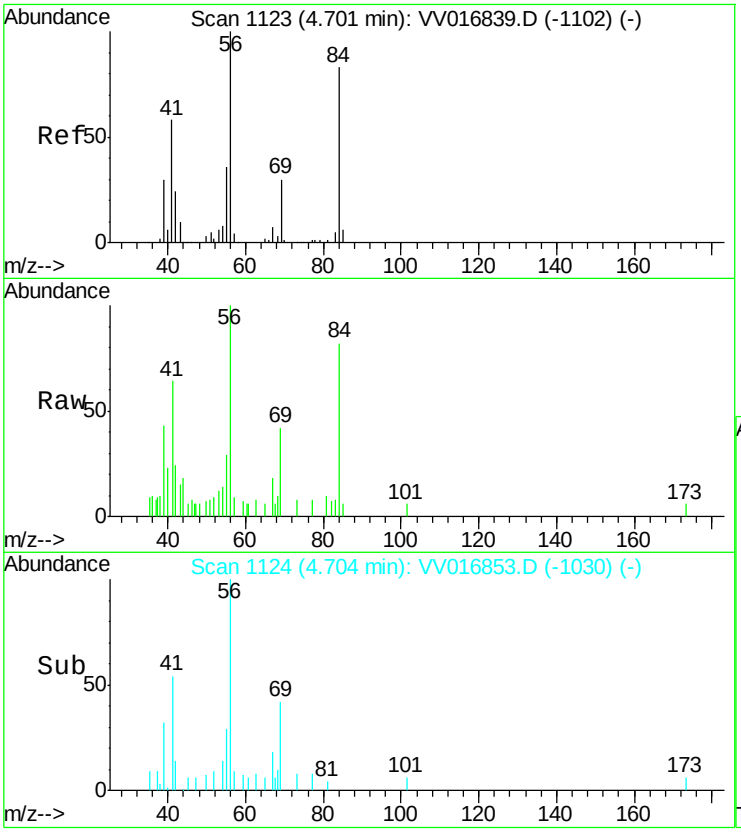


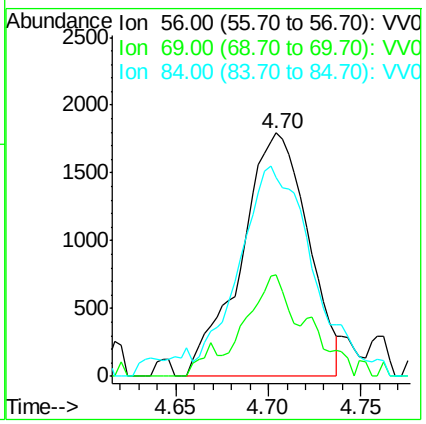


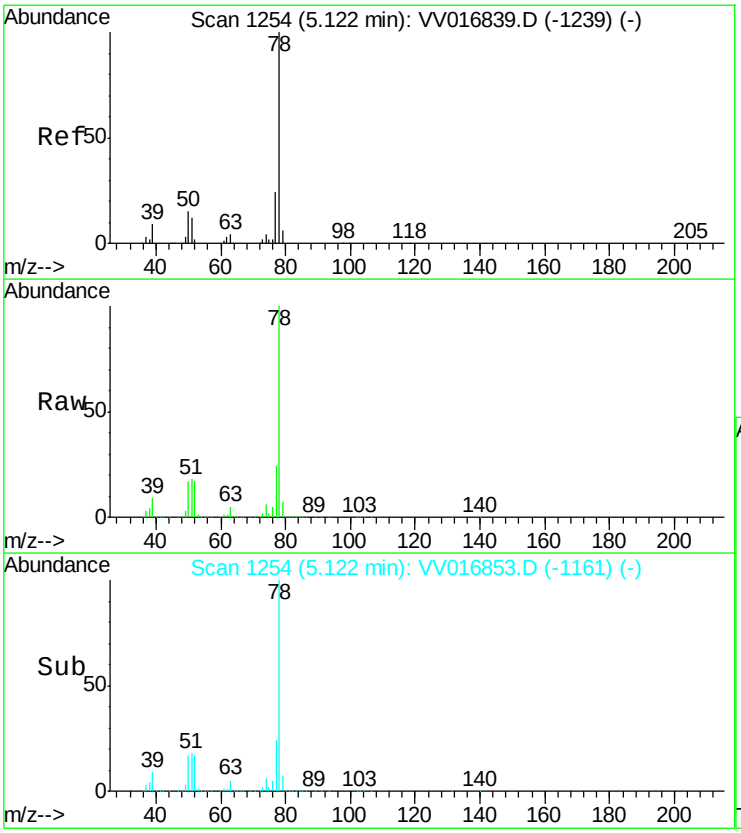
#29
Cyclohexane
Concen: 1.058 ug/L
RT: 4.70 min Scan# 1124
Delta R.T. 0.00 min
Lab File: VV016853.D
Acq: 12 Jun 2020 01:58

Instrument : MSVOA_V
ClientSampleId : F9E22DL

Tgt Ion: 56 Resp: 4484

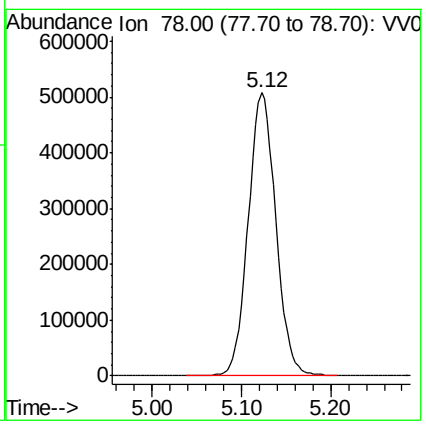
Ion	Ratio	Lower	Upper
56	100		
69	22.4	25.0	37.4#
84	77.3	69.5	104.3

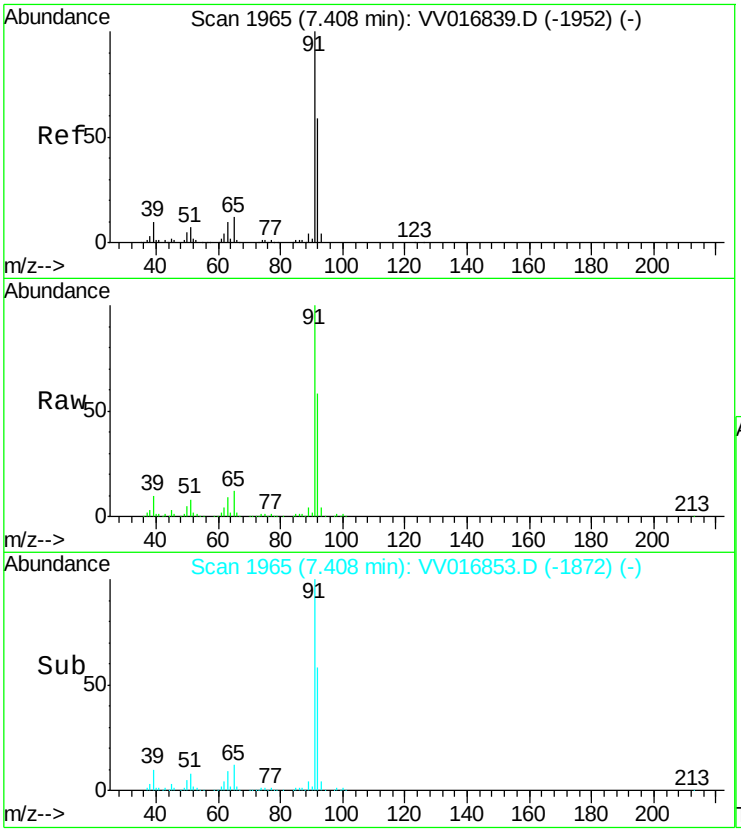




#33
Benzene
Concen: 108.339 ug/L
RT: 5.12 min Scan# 1254
Delta R.T. 0.00 min
Lab File: VV016853.D
Acq: 12 Jun 2020 01:58

Tgt Ion: 78 Resp: 1092846



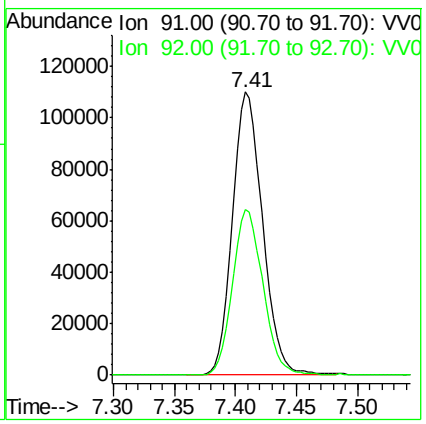


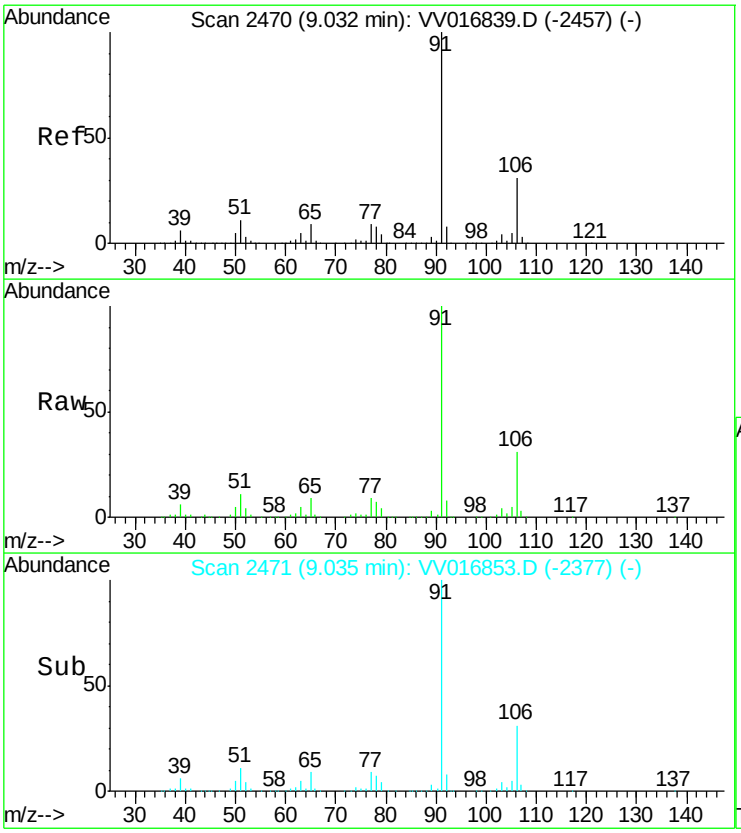
#42
Toluene
Concen: 17.744 ug/L
RT: 7.41 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VV016853.D
Acq: 12 Jun 2020 01:58

Instrument : MSVOA_V
ClientSampleId : F9E22DL

Tgt Ion: 91 Resp: 188685

Ion	Ratio	Lower	Upper
91	100		
92	58.5	40.4	75.0

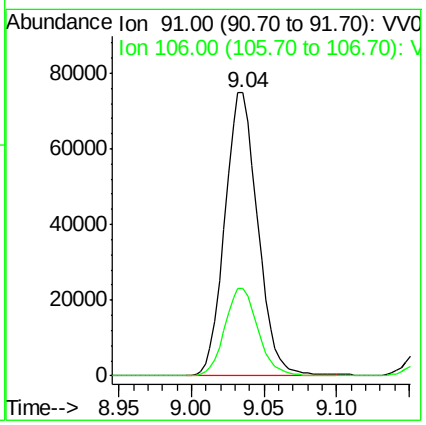


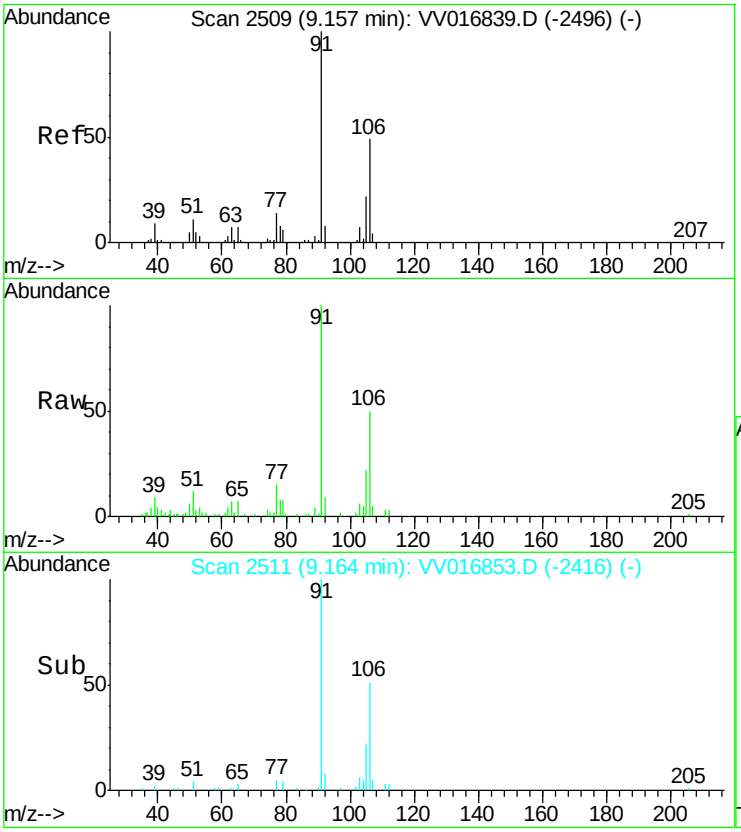


#52
Ethylbenzene
Concen: 10.016 ug/L
RT: 9.04 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VV016853.D
Acq: 12 Jun 2020 01:58

Tgt Ion: 91 Resp: 117976

Ion	Ratio	Lower	Upper
91	100		
106	30.8	21.1	39.1



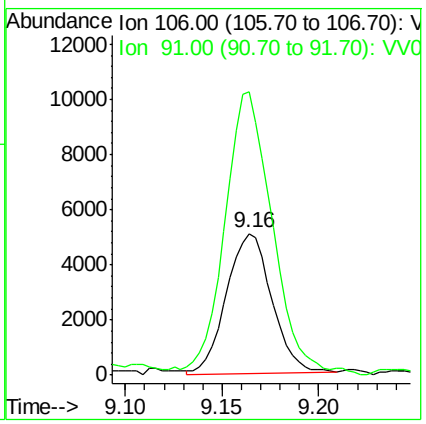


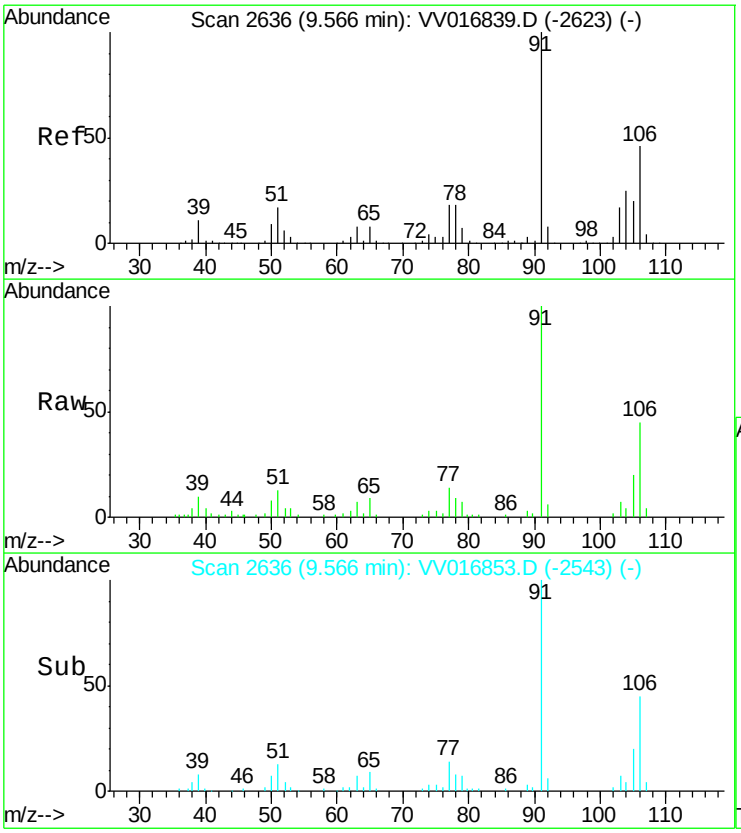
#53
m,p-Xylene
Concen: 1.896 ug/L
RT: 9.16 min Scan# 2511
Delta R.T. 0.01 min
Lab File: VV016853.D
Acq: 12 Jun 2020 01:58

Instrument : MSVOA_V
ClientSampleId : F9E22DL

Tgt Ion:106 Resp: 8315

Ion	Ratio	Lower	Upper
106	100		
91	200.1	144.6	268.6





#54
o-xylene
Concen: 2.013 ug/L
RT: 9.57 min Scan# 2636
Delta R.T. 0.00 min
Lab File: VV016853.D
Acq: 12 Jun 2020 01:58

Tgt Ion:106 Resp: 8706

Ion	Ratio	Lower	Upper
106	100		
91	224.0	155.9	289.5