Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061120\
Data File : VV016858.D
Acq On : 12 Jun 2020 03:56
Operator : SY/MD
Sample : L2915-17DL 250X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E50DL

Manual Integrations APPROVED
MMDadoda
6/12/2020 3:36:36 PM

Quant Time: Jun 12 07:58:10 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	357612	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	334990	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	161922	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	107302	42.52	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 85.04%			
7) Chloroethane-d5	1.56	69	60026	39.64	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 79.28%			
11) 1,1-Dichloroethene-d2	2.12	63	140772	33.22	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 66.44%			
21) 2-Butanone-d5	3.90	46	163908	87.76	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 87.76%			
24) Chloroform-d	4.37	84	219544	42.79	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 85.58%			
26) 1,2-Dichloroethane-d4	5.05	65	160439	45.97	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.94%			
32) Benzene-d6	5.07	84	430790	44.61	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.22%			
36) 1,2-Dichloropropane-d6	6.09	67	131124	43.56	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 87.12%			
41) Toluene-d8	7.34	98	390172	44.03	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 88.06%			
43) trans-1,3-Dichloropropene-	7.64	79	63313	40.39	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 80.78%			
47) 2-Hexanone-d5	8.11	63	98624	75.15	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 75.15%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	166908	41.89	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 83.78%			
64) 1,2-Dichlorobenzene-d4	11.65	152	158801	45.96	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.92%			
Target Compounds						Qvalue
29) Cyclohexane	4.71	56	3357m	0.806	ug/L	
33) Benzene	5.12	78	1330884	134.278	ug/L	100
42) Toluene	7.41	91	78267	7.491	ug/L	99
52) Ethylbenzene	9.04	91	97346	8.411	ug/L	100
53) m,p-Xylene	9.16	106	2844	0.660	ug/L	92
54) o-xylene	9.57	106	6805	1.601	ug/L	97

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

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Instrument :
MSVOA_V
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F9E50DL

Manual Integrations APPROVED
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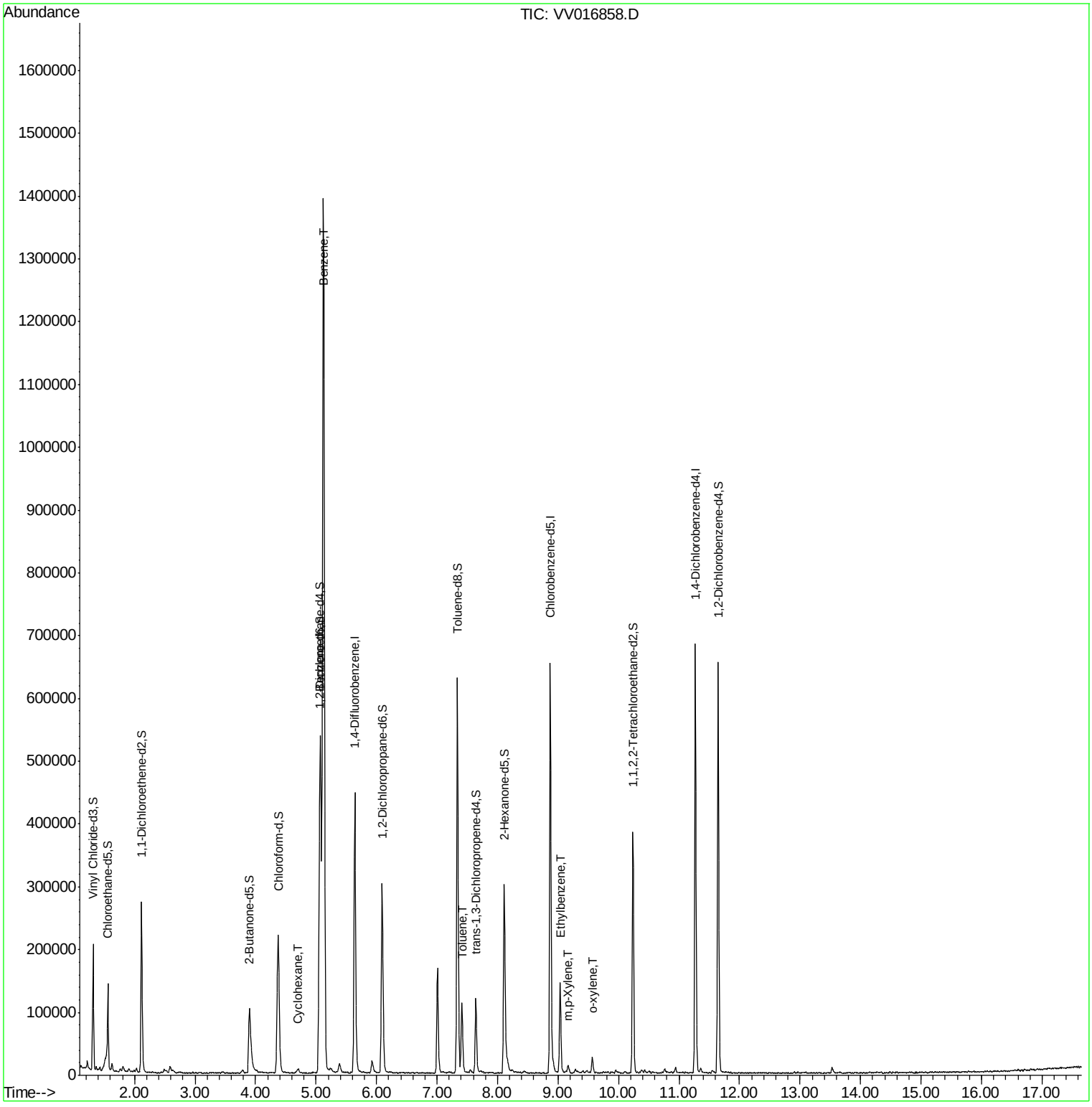
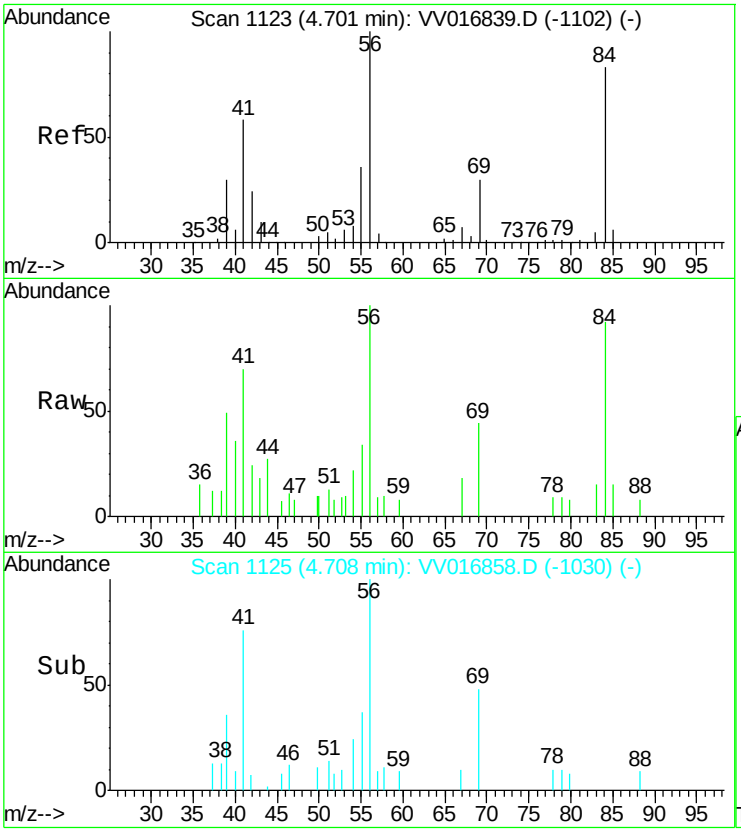
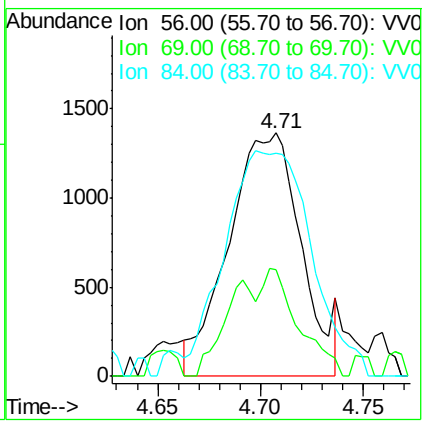




#29
Cyclohexane
Concen: 0.806 ug/L m
RT: 4.71 min Scan# 1125
Delta R.T. 0.01 min
Lab File: VV016858.D
Acq: 12 Jun 2020 03:56

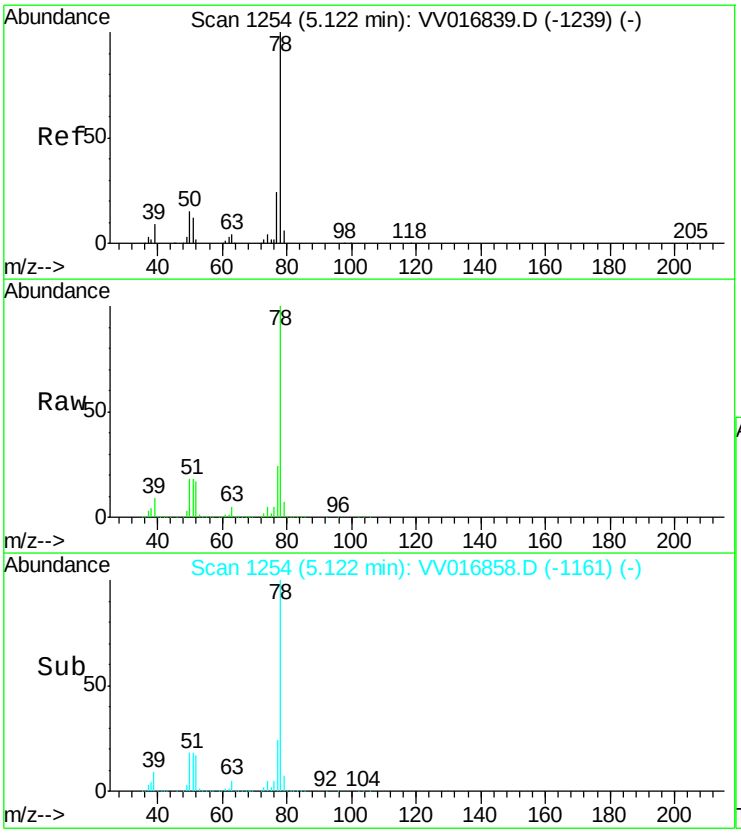
Tgt Ion: 56 Resp: 3357

Ion	Ratio	Lower	Upper
56	100		
69	22.5	25.0	37.4#
84	51.6	69.5	104.3#



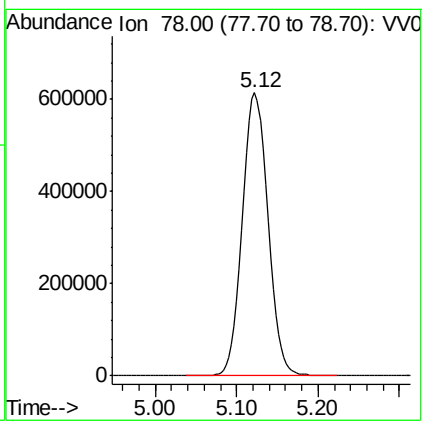
Instrument :
MSVOA_V
ClientSampleId :
F9E50DL

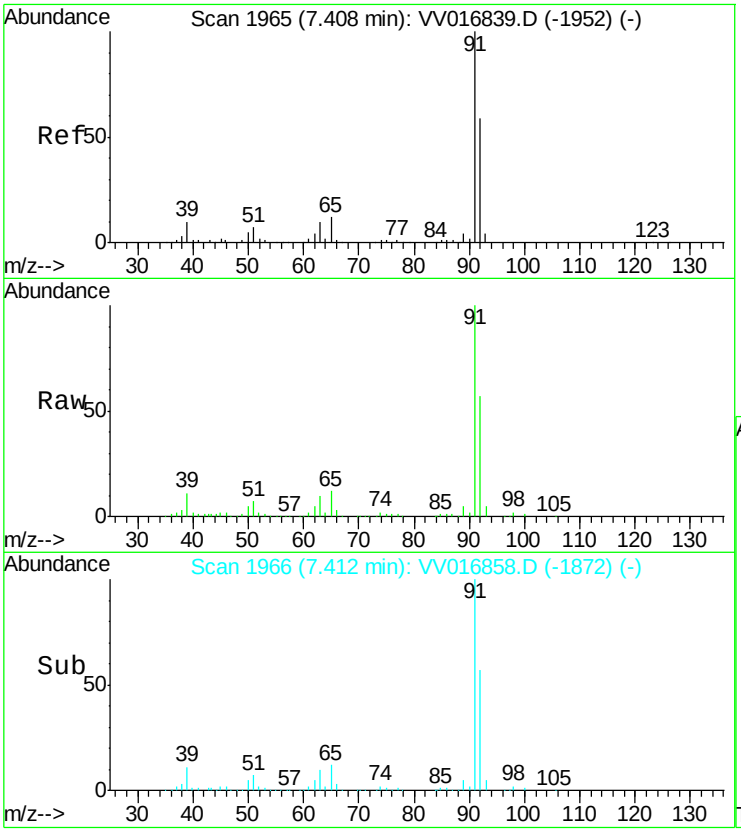
Manual Integrations APPROVED
MMDadoda
6/12/2020 3:36:36 PM



#33
Benzene
Concen: 134.278 ug/L
RT: 5.12 min Scan# 1254
Delta R.T. 0.00 min
Lab File: VV016858.D
Acq: 12 Jun 2020 03:56

Tgt Ion: 78 Resp: 1330884

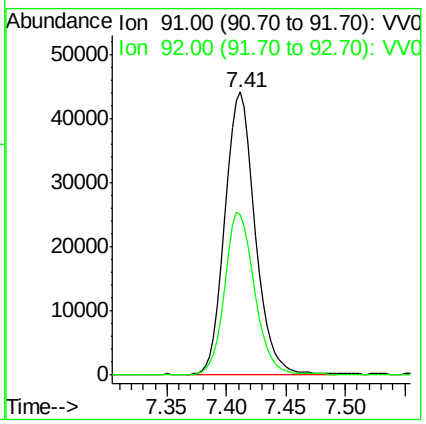




#42
Toluene
Concen: 7.491 ug/L
RT: 7.41 min Scan# 1966
Delta R.T. 0.00 min
Lab File: VV016858.D
Acq: 12 Jun 2020 03:56

Tgt Ion: 91 Resp: 78267

Ion	Ratio	Lower	Upper
91	100		
92	56.8	40.4	75.0



Instrument :
MSVOA_V
ClientSampleId :
F9E50DL

Manual Integrations APPROVED
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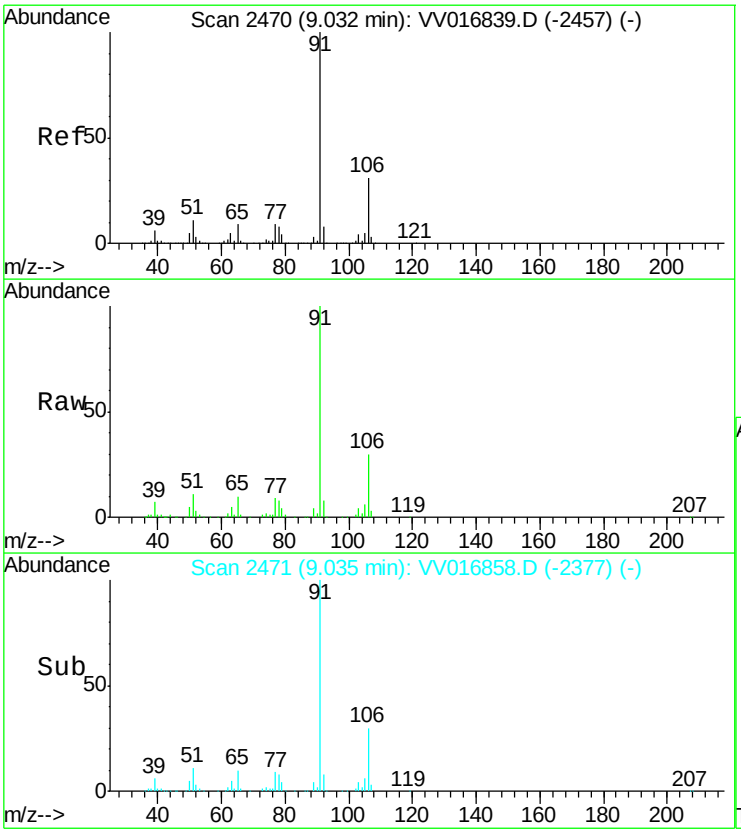
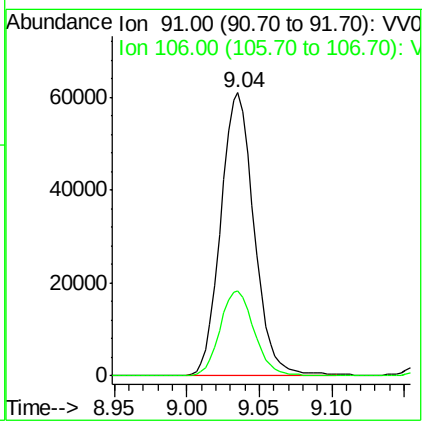
6/12/2020 3:36:36 PM

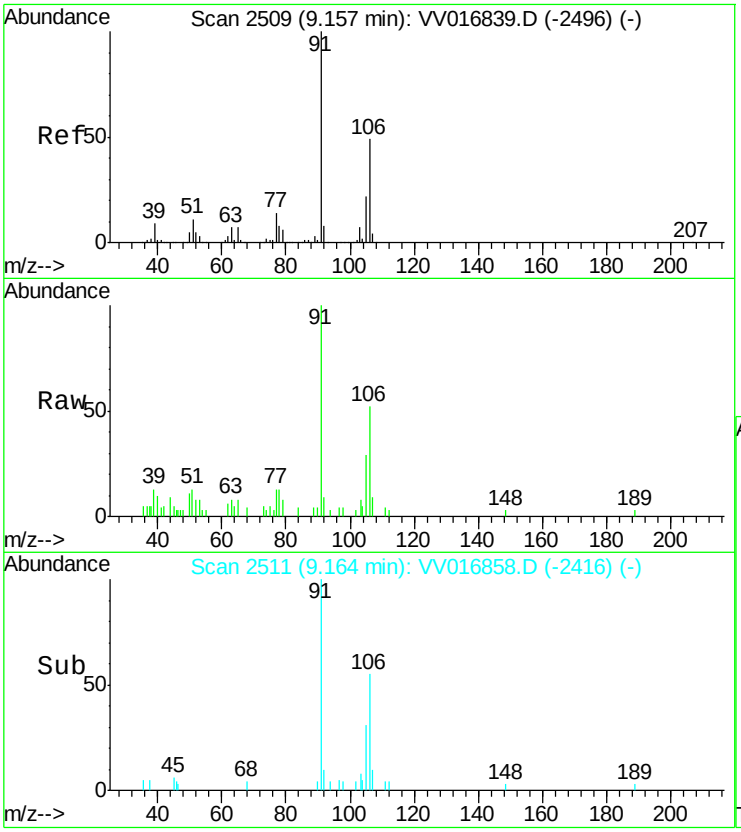


#52
Ethylbenzene
Concen: 8.411 ug/L
RT: 9.04 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VV016858.D
Acq: 12 Jun 2020 03:56

Tgt Ion: 91 Resp: 97346

Ion	Ratio	Lower	Upper
91	100		
106	30.0	21.1	39.1

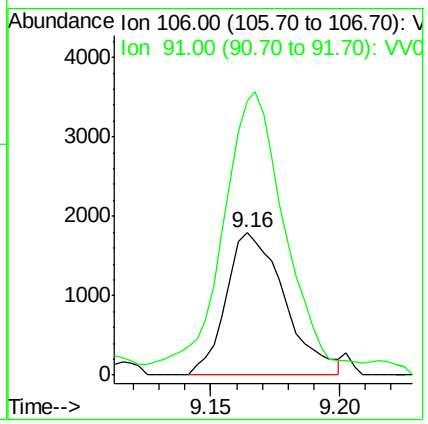




#53
m,p-Xylene
Concen: 0.660 ug/L
RT: 9.16 min Scan# 2511
Delta R.T. 0.01 min
Lab File: VV016858.D
Acq: 12 Jun 2020 03:56

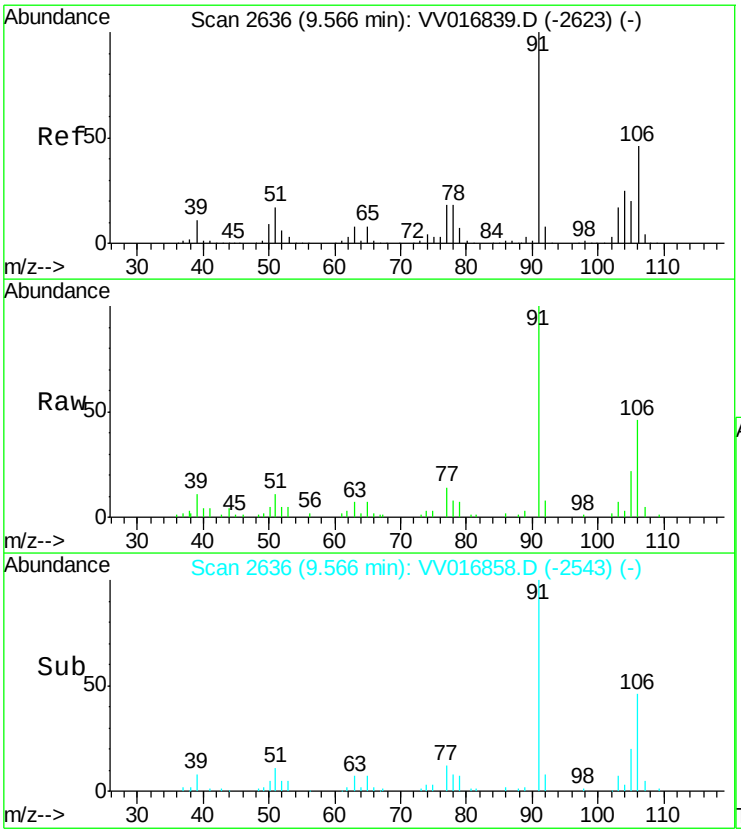
Tgt Ion:106 Resp: 2844

Ion	Ratio	Lower	Upper
106	100		
91	193.5	144.6	268.6



Instrument :
MSVOA_V
ClientSampleId :
F9E50DL

Manual Integrations APPROVED
MMDadoda
6/12/2020 3:36:36 PM



#54
o-xylene
Concen: 1.601 ug/L
RT: 9.57 min Scan# 2636
Delta R.T. 0.00 min
Lab File: VV016858.D
Acq: 12 Jun 2020 03:56

Tgt Ion:106 Resp: 6805

Ion	Ratio	Lower	Upper
106	100		
91	217.0	155.9	289.5