Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060820\
Data File : VV016666.D
Acq On : 08 Jun 2020 17:48
Operator : SY/MD
Sample : L2861-08DL 100X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E40DL

Quant Time: Jun 09 02:33:54 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 09 01:02:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	377620	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	354493	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	176832	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	111836	41.97	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 83.94%			
7) Chloroethane-d5	1.56	69	79733	49.87	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 99.74%			
11) 1,1-Dichloroethene-d2	2.12	63	153073	34.21	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 68.42%			
21) 2-Butanone-d5	3.89	46	188434	95.55	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 95.55%			
24) Chloroform-d	4.37	84	242853	44.82	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.64%			
26) 1,2-Dichloroethane-d4	5.05	65	171659	46.58	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.16%			
32) Benzene-d6	5.07	84	487180	47.68	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.36%			
36) 1,2-Dichloropropane-d6	6.09	67	151760	47.64	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 95.28%			
41) Toluene-d8	7.34	98	438772	46.79	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.58%			
43) trans-1,3-Dichloropropene-	7.64	79	73121	44.08	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 88.16%			
47) 2-Hexanone-d5	8.11	63	133175	95.90	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 95.90%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	204645	48.53	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 97.06%			
64) 1,2-Dichlorobenzene-d4	11.65	152	187732	49.75	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.50%			
Target Compounds						Qvalue
29) Cyclohexane	4.70	56	7111	1.614	ug/L	98
33) Benzene	5.12	78	960877	91.613	ug/L	100
42) Toluene	7.41	91	1211143	109.539	ug/L	100
52) Ethylbenzene	9.03	91	394677	32.227	ug/L	99
53) m,p-Xylene	9.16	106	63721	13.974	ug/L	95
54) o-xylene	9.57	106	56702	12.608	ug/L	99
56) Isopropylbenzene	9.95	105	6927	0.573	ug/L #	91

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

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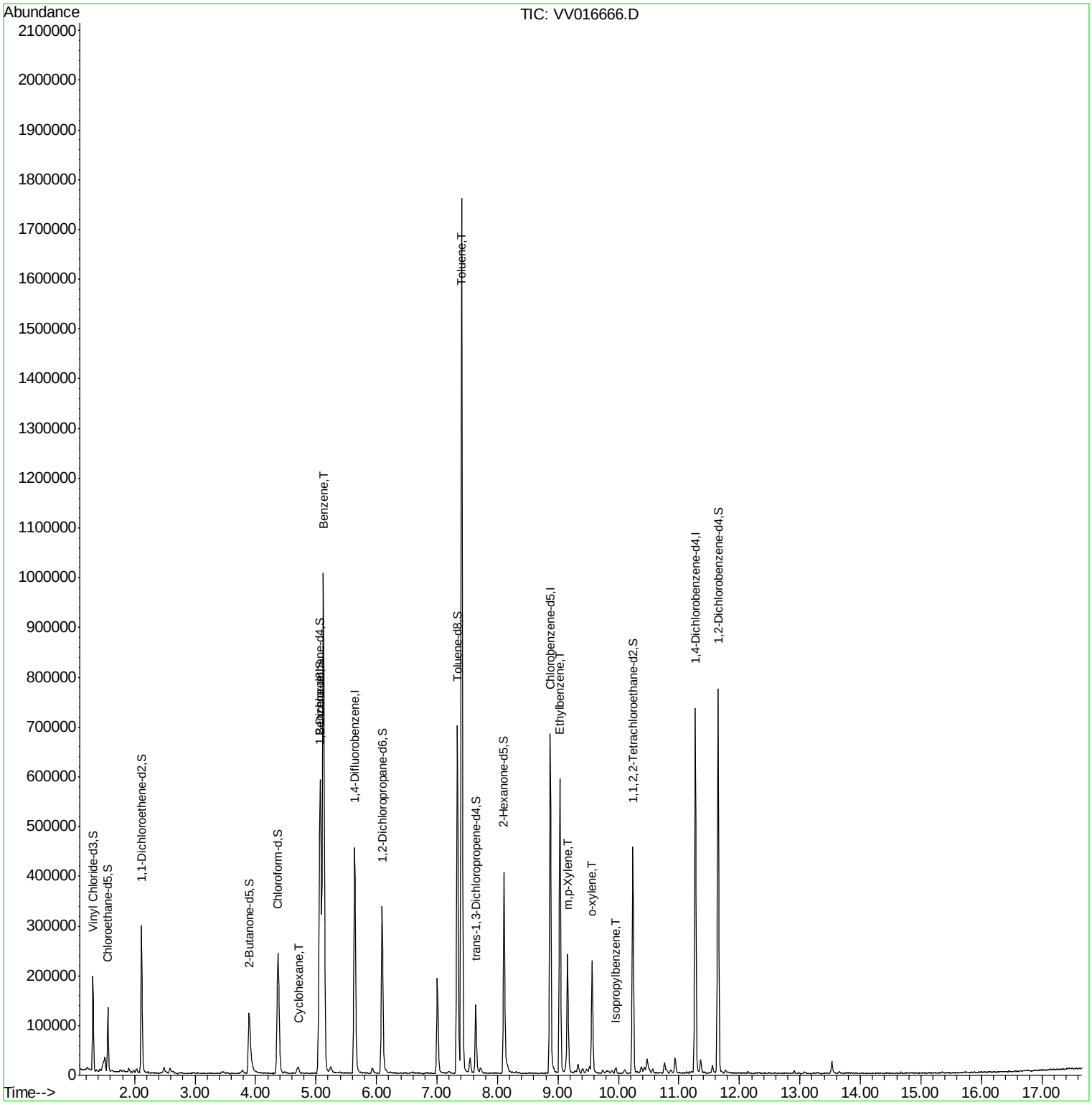
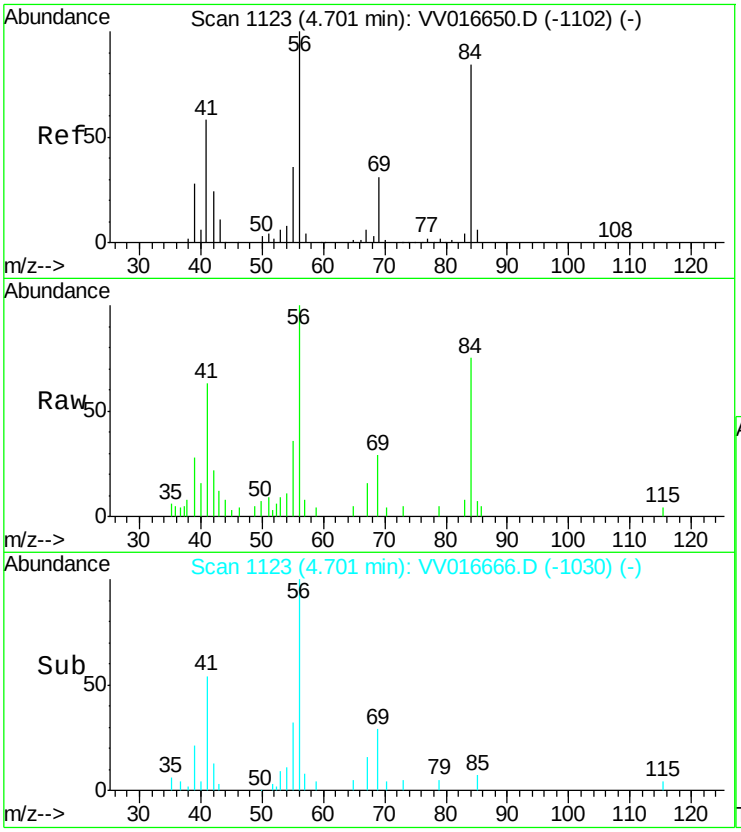


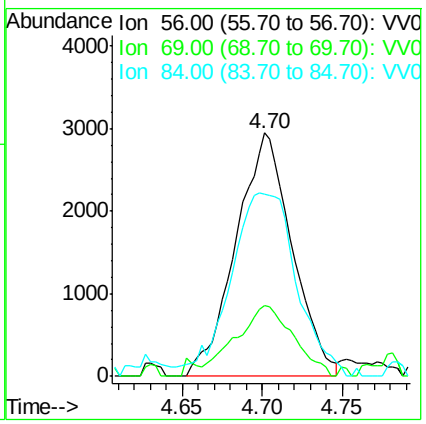


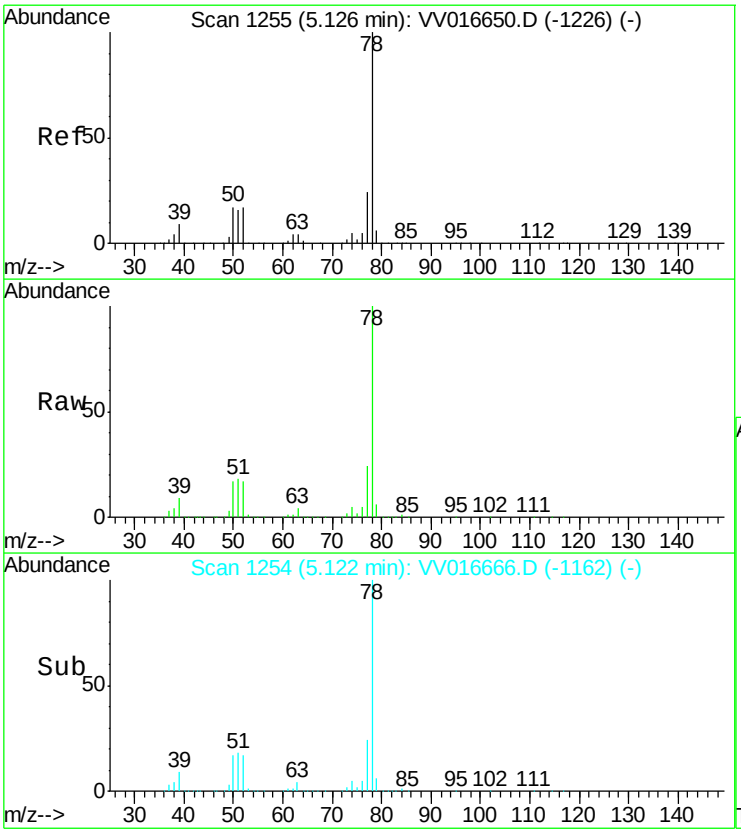
#29
Cyclohexane
Concen: 1.614 ug/L
RT: 4.70 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VV016666.D
Acq: 08 Jun 2020 17:48

Instrument : MSVOA_V
ClientSampleId : F9E40DL

Tgt Ion: 56 Resp: 7111

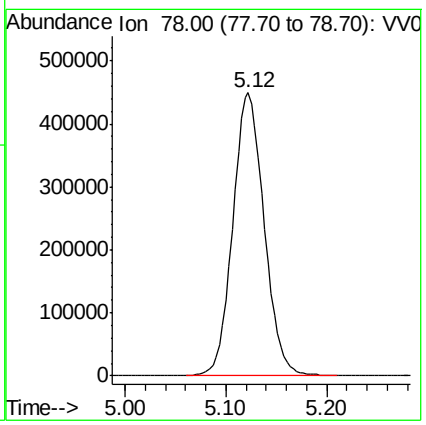
Ion	Ratio	Lower	Upper
56	100		
69	29.9	25.0	37.4
84	84.8	69.5	104.3

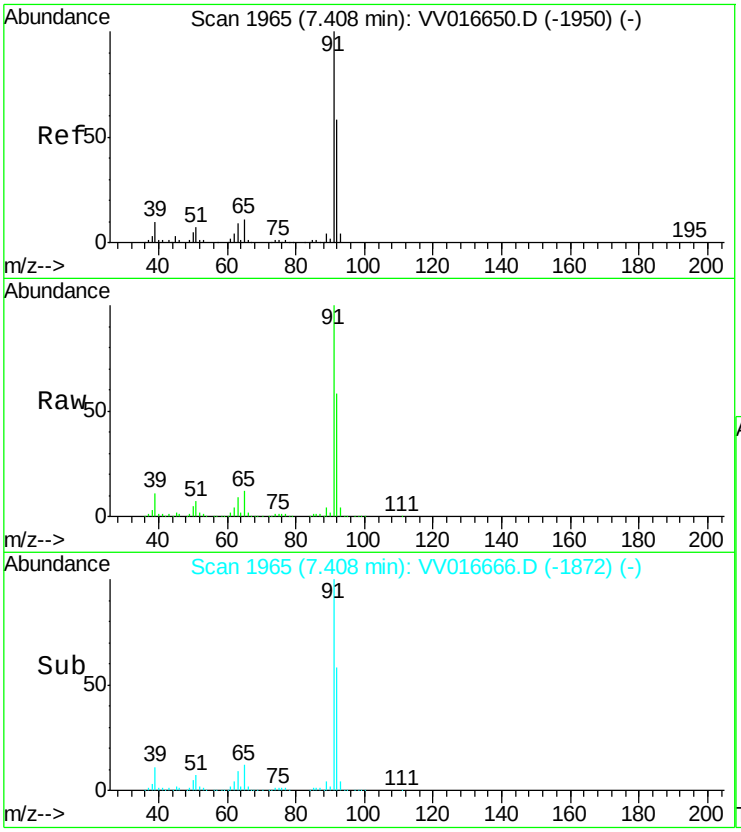




#33
Benzene
Concen: 91.613 ug/L
RT: 5.12 min Scan# 1254
Delta R.T. -0.00 min
Lab File: VV016666.D
Acq: 08 Jun 2020 17:48

Tgt Ion: 78 Resp: 960877



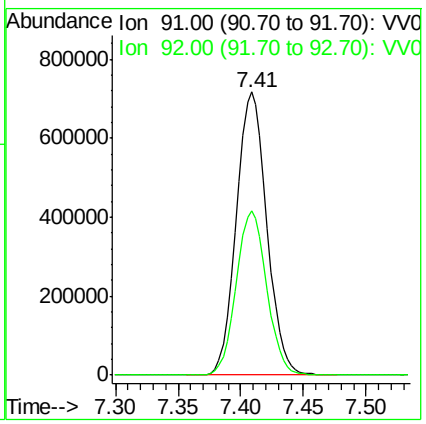


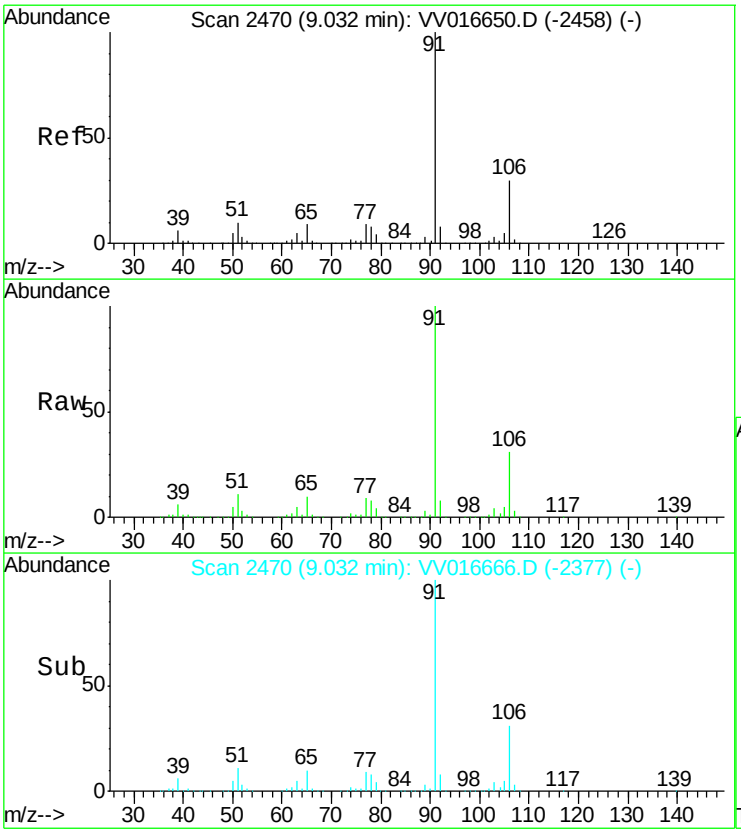
#42
Toluene
Concen: 109.539 ug/L
RT: 7.41 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VV016666.D
Acq: 08 Jun 2020 17:48

Instrument : MSVOA_V
ClientSampleId : F9E40DL

Tgt Ion: 91 Resp: 1211143

Ion	Ratio	Lower	Upper
91	100		
92	57.9	40.4	75.0

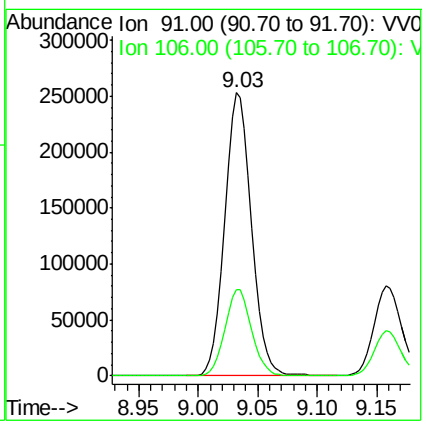


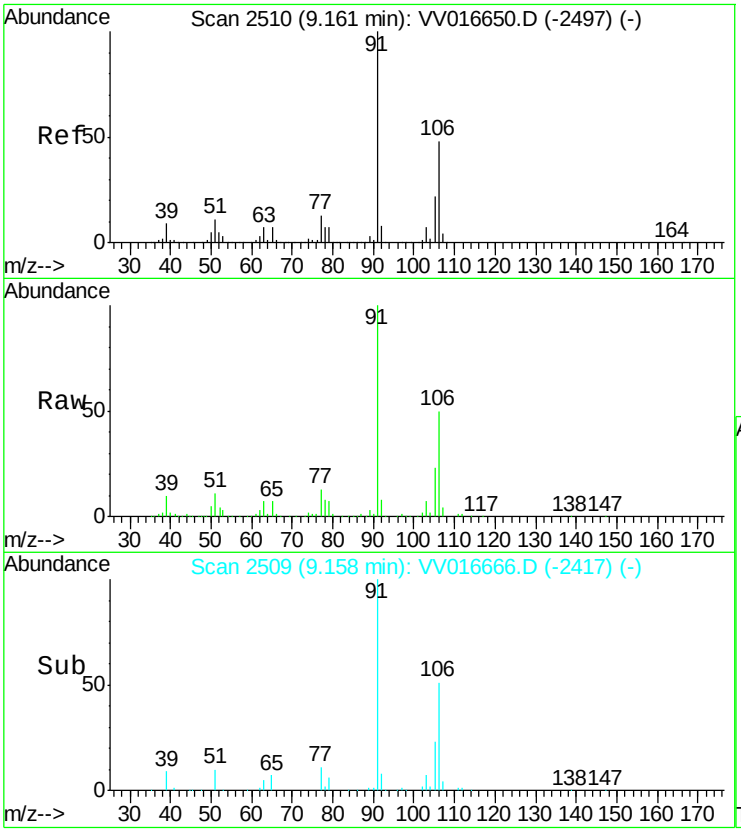


#52
Ethylbenzene
Concen: 32.227 ug/L
RT: 9.03 min Scan# 2470
Delta R.T. -0.00 min
Lab File: VV016666.D
Acq: 08 Jun 2020 17:48

Tgt Ion: 91 Resp: 394677

Ion	Ratio	Lower	Upper
91	100		
106	30.7	21.1	39.1



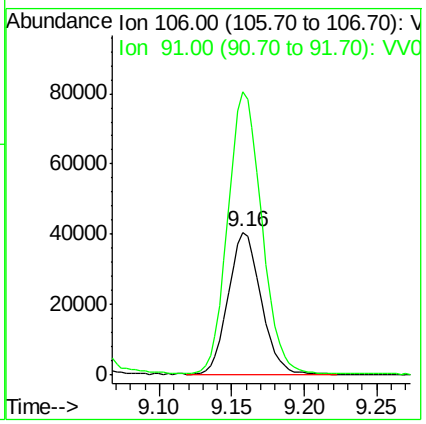


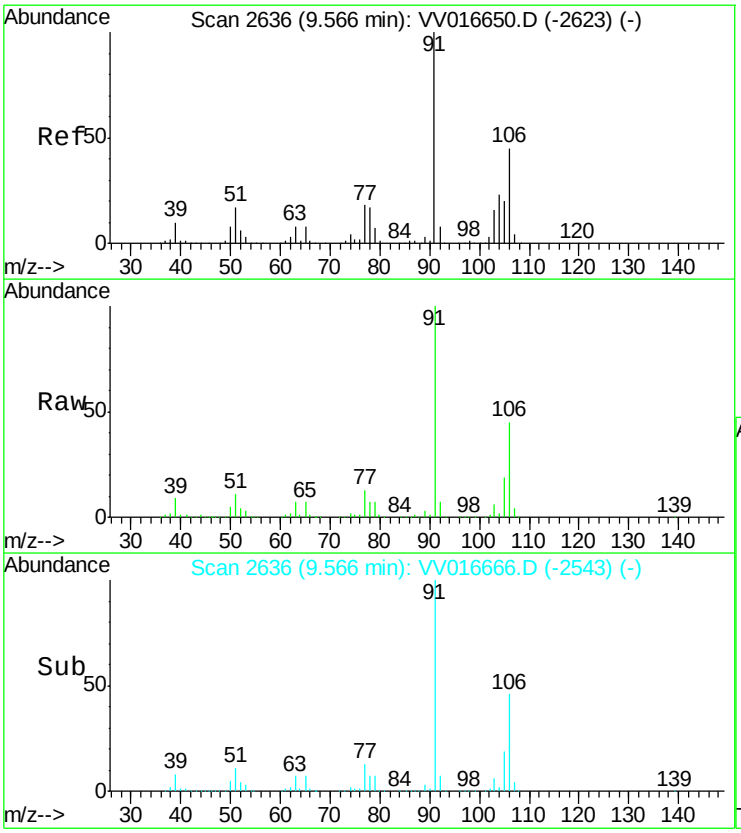
#53
m,p-Xylene
Concen: 13.974 ug/L
RT: 9.16 min Scan# 2509
Delta R.T. -0.00 min
Lab File: VV016666.D
Acq: 08 Jun 2020 17:48

Instrument :
MSVOA_V
ClientSampleId :
F9E40DL

Tgt Ion:106 Resp: 63721

Ion	Ratio	Lower	Upper
106	100		
91	198.3	144.6	268.6

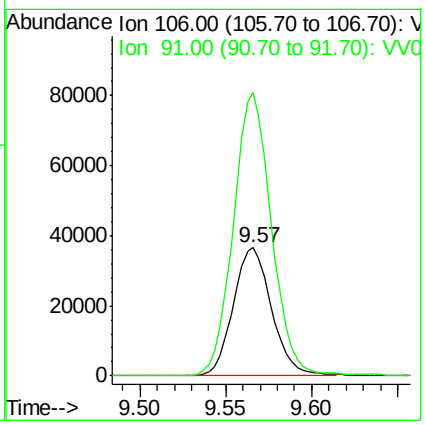


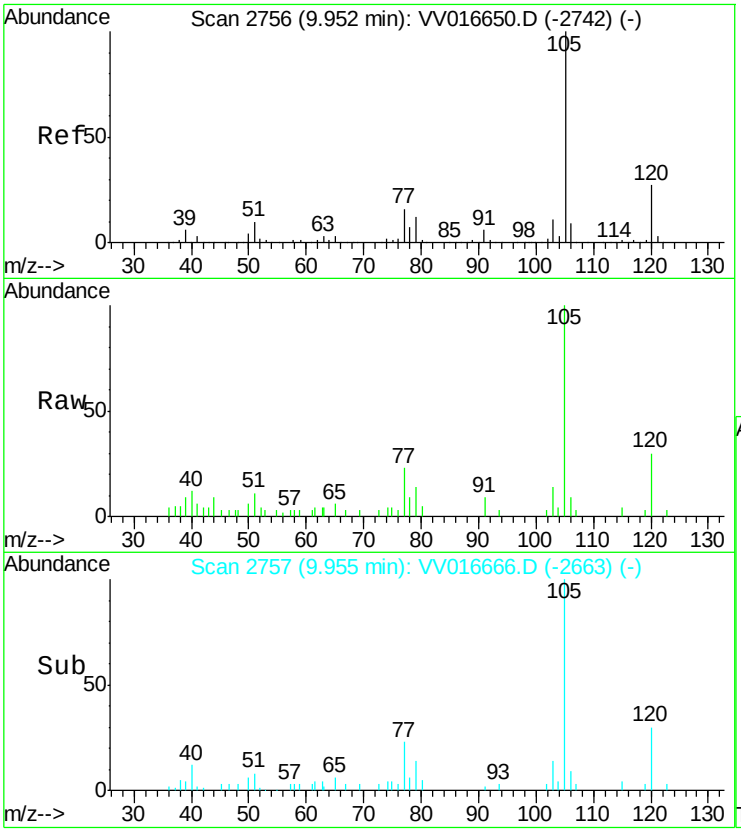


#54
o-xylene
Concen: 12.608 ug/L
RT: 9.57 min Scan# 2636
Delta R.T. -0.00 min
Lab File: VV016666.D
Acq: 08 Jun 2020 17:48

Tgt Ion:106 Resp: 56702

Ion	Ratio	Lower	Upper
106	100		
91	220.5	155.9	289.5





#56
Isopropylbenzene
Concen: 0.573 ug/L
RT: 9.95 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VV016666.D
Acq: 08 Jun 2020 17:48

Instrument :
MSVOA_V
ClientSampleId :
F9E40DL

Tgt Ion:105 Resp: 6927

Ion	Ratio	Lower	Upper
105	100		
120	28.5	21.2	31.8
77	23.3	13.0	19.4#