Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020120\
Data File : VV014459.D
Acq On : 31 Jan 2020 19:00
Operator : SY/MD
Sample : L1324-08ME
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT65ME

Quant Time: Feb 15 03:19:35 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Feb 01 02:36:06 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	523540	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	524083	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	269314	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	193952	66.71	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 133.42%			
7) Chloroethane-d5	1.55	69	58483	32.35	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery = 64.70%#			
11) 1,1-Dichloroethene-d2	2.10	63	158603	40.86	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery = 81.72%			
21) 2-Butanone-d5	3.94	46	257081	131.40	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 131.40%#			
24) Chloroform-d	4.39	84	349191	56.74	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 113.48%			
26) 1,2-Dichloroethane-d4	5.07	65	221684	59.81	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 119.62%			
32) Benzene-d6	5.09	84	775423	56.19	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 112.38%			
36) 1,2-Dichloropropane-d6	6.11	67	248897	57.01	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 114.02%			
41) Toluene-d8	7.35	98	735795	57.76	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 115.52%			
43) trans-1,3-Dichloropropene-	7.66	79	126200	56.87	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 113.74%			
47) 2-Hexanone-d5	8.14	63	242800	142.14	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery = 142.14%#			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	365476	64.97	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 129.94%#			
64) 1,2-Dichlorobenzene-d4	11.67	152	300800	60.64	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 121.28%#			
Target Compounds						Qvalue
42) Toluene	7.43	91	20378	1.259	ug/L	97
52) Ethylbenzene	9.05	91	108763	5.986	ug/L	100
53) m,p-Xylene	9.18	106	39661	5.846	ug/L	92
54) o-xylene	9.59	106	59016	8.779	ug/L	99
56) Isopropylbenzene	9.97	105	17851	1.039	ug/L	98

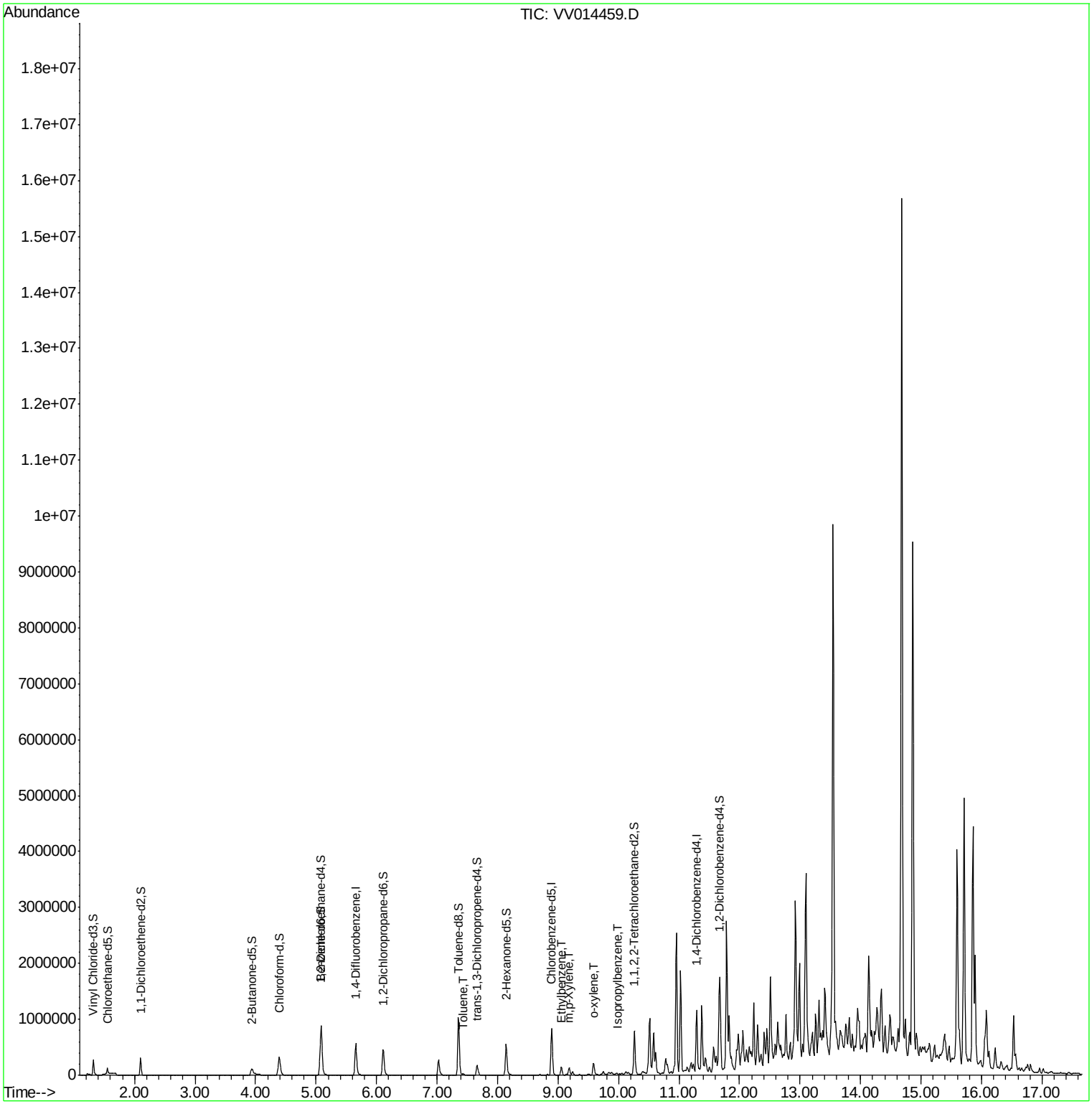
(#) = qualifier out of range (m) = manual integration (+) = signals summed

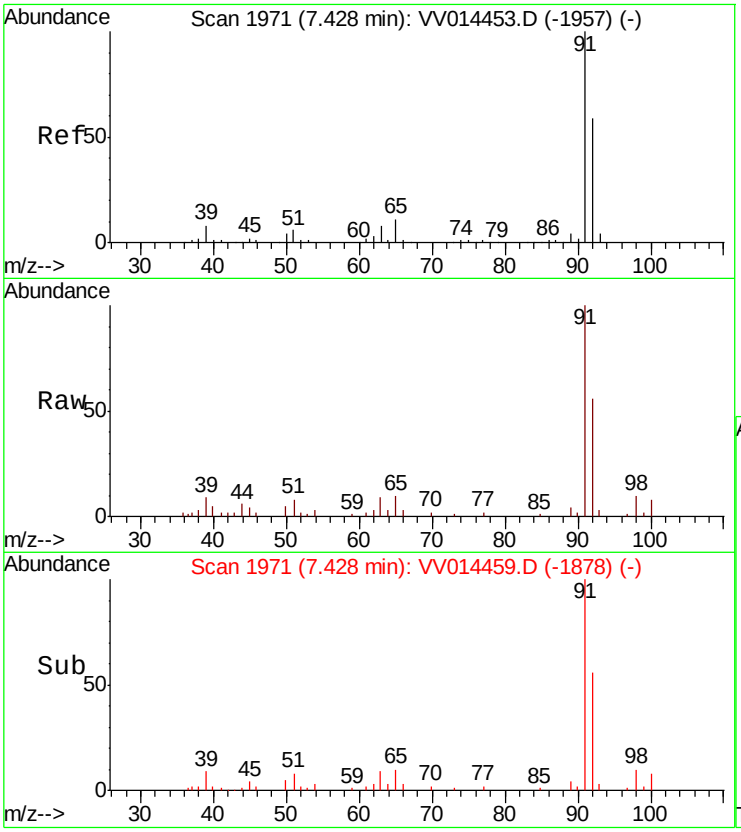
Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020120\
Data File : VV014459.D
Acq On : 31 Jan 2020 19:00
Operator : SY/MD
Sample : L1324-08ME
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAT65ME

Quant Time: Feb 15 03:19:35 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Feb 01 02:36:06 2020
Response via : Initial Calibration



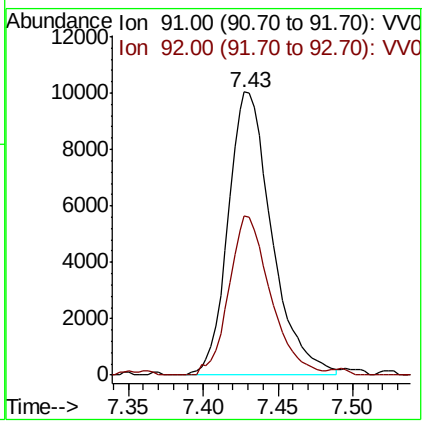


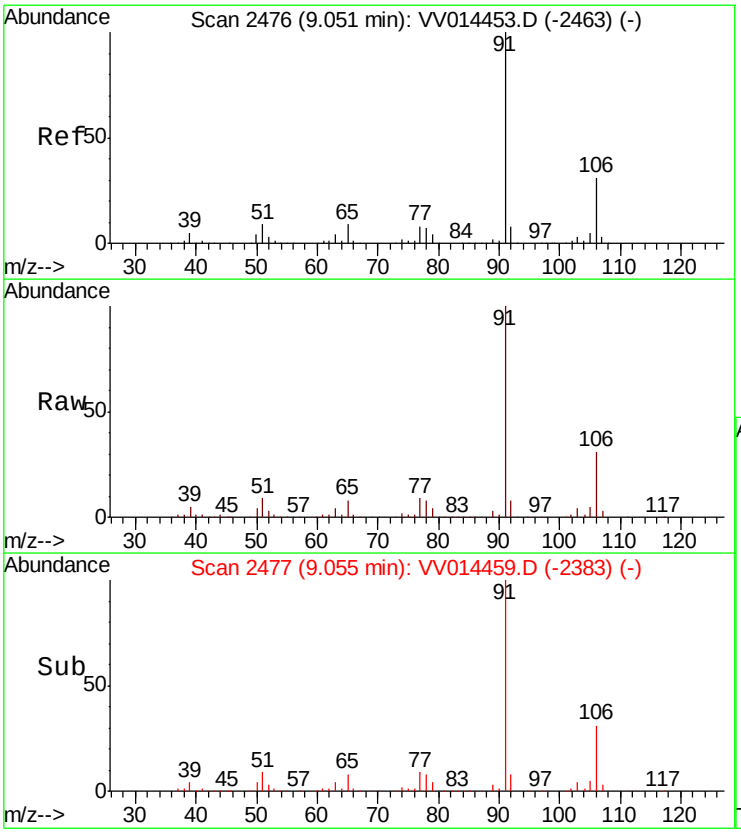
#42
Toluene
Concen: 1.259 ug/L
RT: 7.43 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VV014459.D
Acq: 31 Jan 2020 19:00

Instrument :
MSVOA_V
ClientSampleId :
GAT65ME

Tgt Ion: 91 Resp: 20378

Ion	Ratio	Lower	Upper
91	100		
92	56.3	41.0	76.2

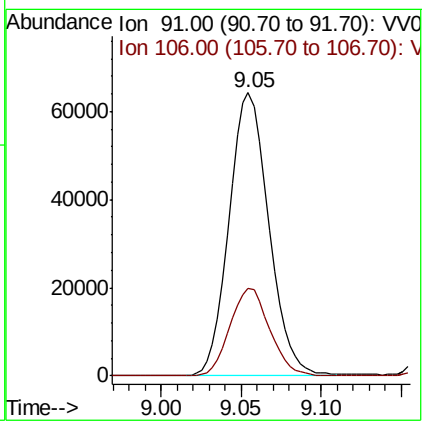


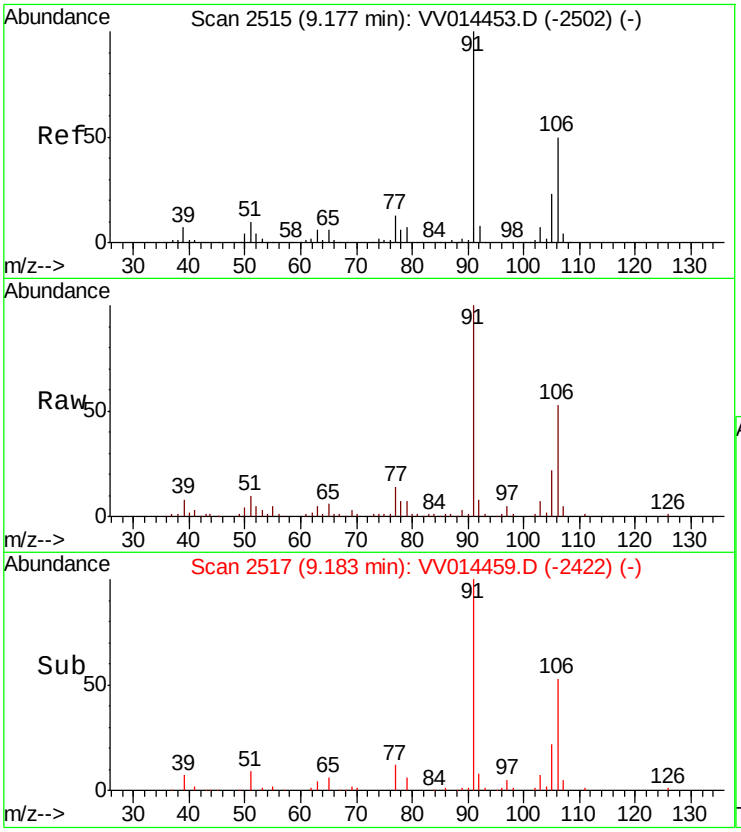


#52
Ethylbenzene
Concen: 5.986 ug/L
RT: 9.05 min Scan# 2477
Delta R.T. 0.00 min
Lab File: VV014459.D
Acq: 31 Jan 2020 19:00

Tgt Ion: 91 Resp: 108763

Ion	Ratio	Lower	Upper
91	100		
106	31.1	21.8	40.6



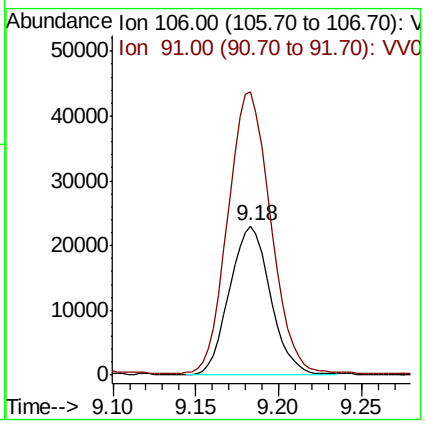


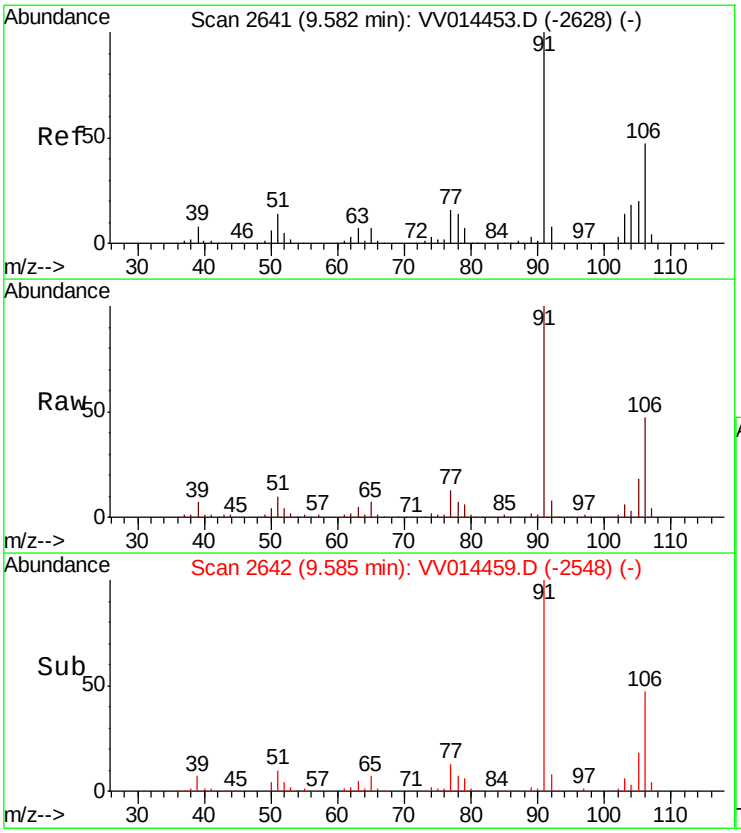
#53
m,p-Xylene
Concen: 5.846 ug/L
RT: 9.18 min Scan# 2517
Delta R.T. 0.01 min
Lab File: VV014459.D
Acq: 31 Jan 2020 19:00

Instrument :
MSVOA_V
ClientSampleId :
GAT65ME

Tgt Ion:106 Resp: 39661

Ion	Ratio	Lower	Upper
106	100		
91	189.2	140.9	261.7

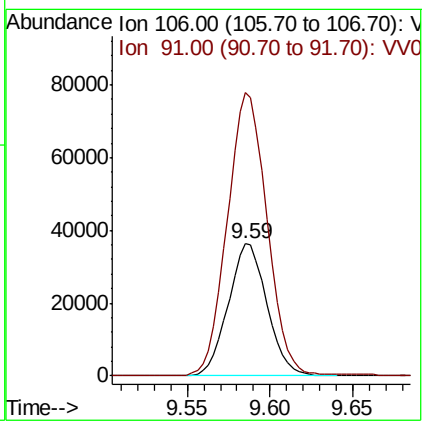


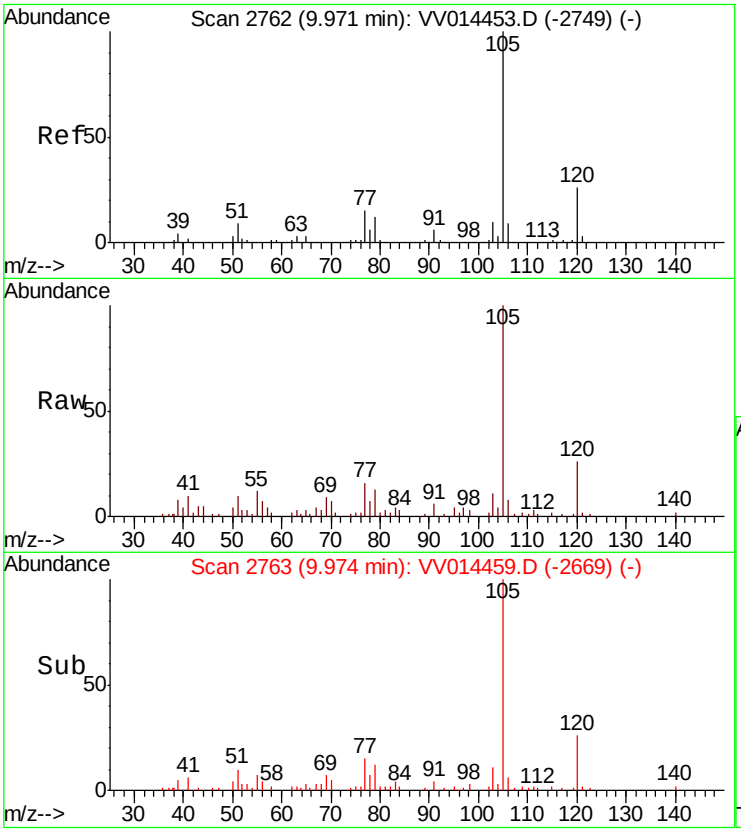


#54
o-xylene
Concen: 8.779 ug/L
RT: 9.59 min Scan# 2642
Delta R.T. 0.00 min
Lab File: VV014459.D
Acq: 31 Jan 2020 19:00

Tgt Ion:106 Resp: 59016

Ion	Ratio	Lower	Upper
106	100		
91	214.0	150.4	279.2

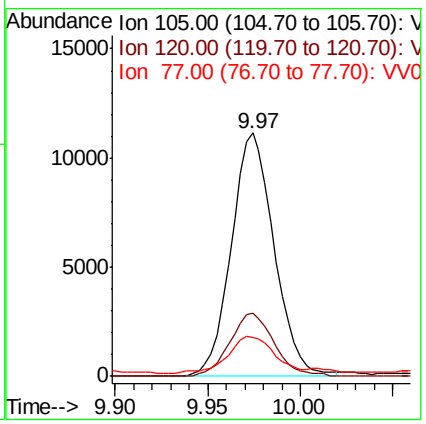




#56
Isopropylbenzene
Concen: 1.039 ug/L
RT: 9.97 min Scan# 2763
Delta R.T. 0.00 min
Lab File: VV014459.D
Acq: 31 Jan 2020 19:00

Tgt Ion:105 Resp: 17851

Ion	Ratio	Lower	Upper
105	100		
120	26.8	21.0	31.6
77	16.6	12.5	18.7



Instrument :
MSVOA_V
ClientSampleId :
GAT65ME