Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020120\
Data File : VV014463.D
Acq On : 31 Jan 2020 20:35
Operator : SY/MD
Sample : L1324-12 20X
Misc : 5.06g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAT67

Quant Time: Feb 15 03:41:49 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	441903	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	415179	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	205781	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	102296	41.68	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 83.36%			
7) Chloroethane-d5	1.58	69	72588	47.57	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 95.14%			
11) 1,1-Dichloroethene-d2	2.13	63	118631	36.21	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 72.42%			
21) 2-Butanone-d5	3.92	46	176362	106.80	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 106.80%			
24) Chloroform-d	4.40	84	239075	46.03	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.06%			
26) 1,2-Dichloroethane-d4	5.08	65	154757	49.46	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.92%			
32) Benzene-d6	5.10	84	512958	46.92	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.84%			
36) 1,2-Dichloropropane-d6	6.11	67	162557	47.00	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 94.00%			
41) Toluene-d8	7.36	98	482981	47.86	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.72%			
43) trans-1,3-Dichloropropene-	7.66	79	82735	47.06	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 94.12%			
47) 2-Hexanone-d5	8.13	63	149574	110.53	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 110.53%			
57) 1,1,2,2-Tetrachloroethane-	10.25	84	211672	47.50	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 95.00%			
64) 1,2-Dichlorobenzene-d4	11.67	152	183747	48.48	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.96%			
Target Compounds						Qvalue
13) Acetone	2.19	43	2414	1.713	ug/L	89
33) Benzene	5.14	78	29268	2.389	ug/L	100
42) Toluene	7.43	91	42261	3.295	ug/L	98
52) Ethylbenzene	9.05	91	372723	25.896	ug/L	100
53) m,p-Xylene	9.18	106	45366	8.441	ug/L	98
54) o-xylene	9.58	106	51915	9.749	ug/L	98
56) Isopropylbenzene	9.97	105	26660	1.958	ug/L	99

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

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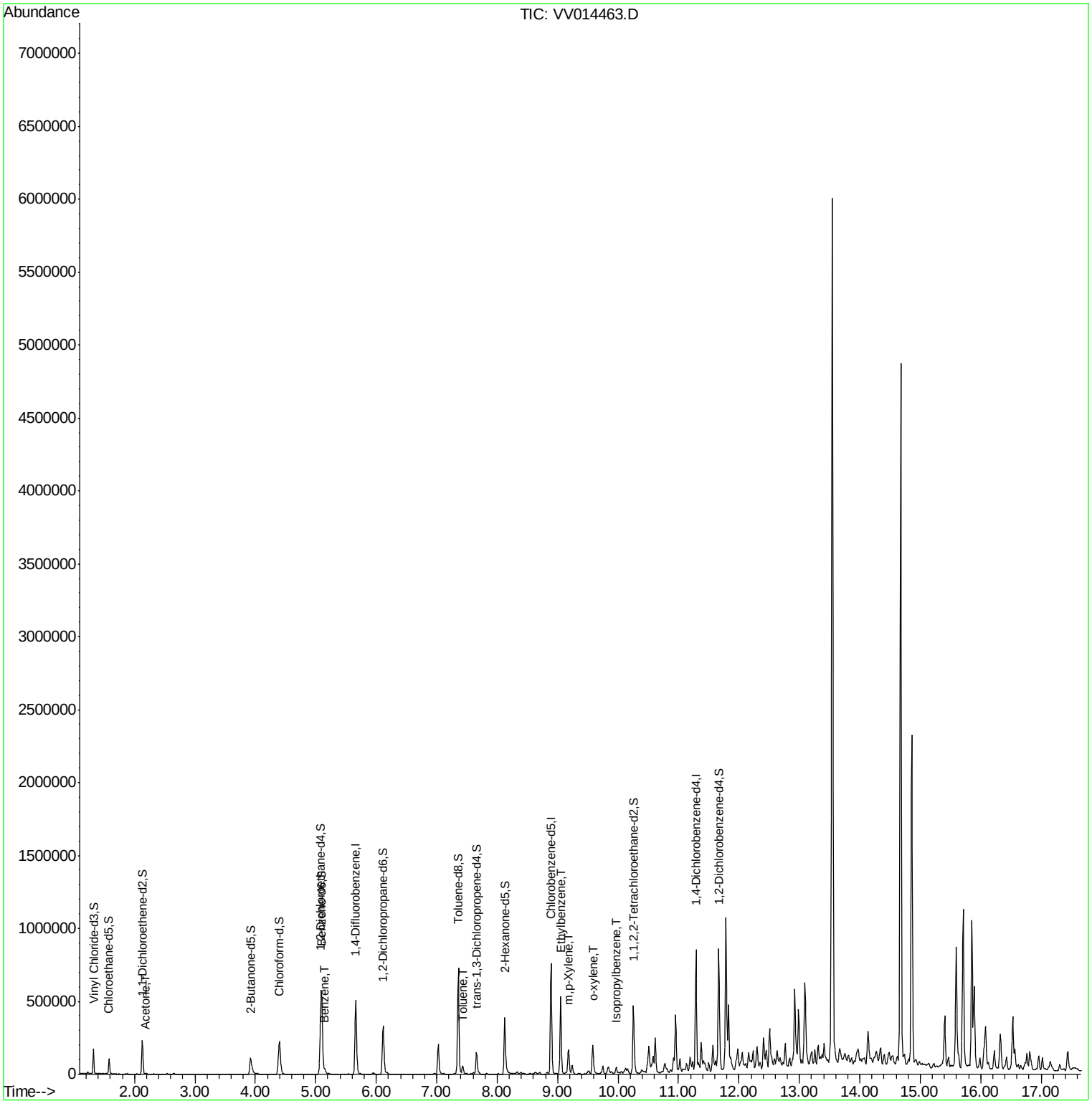
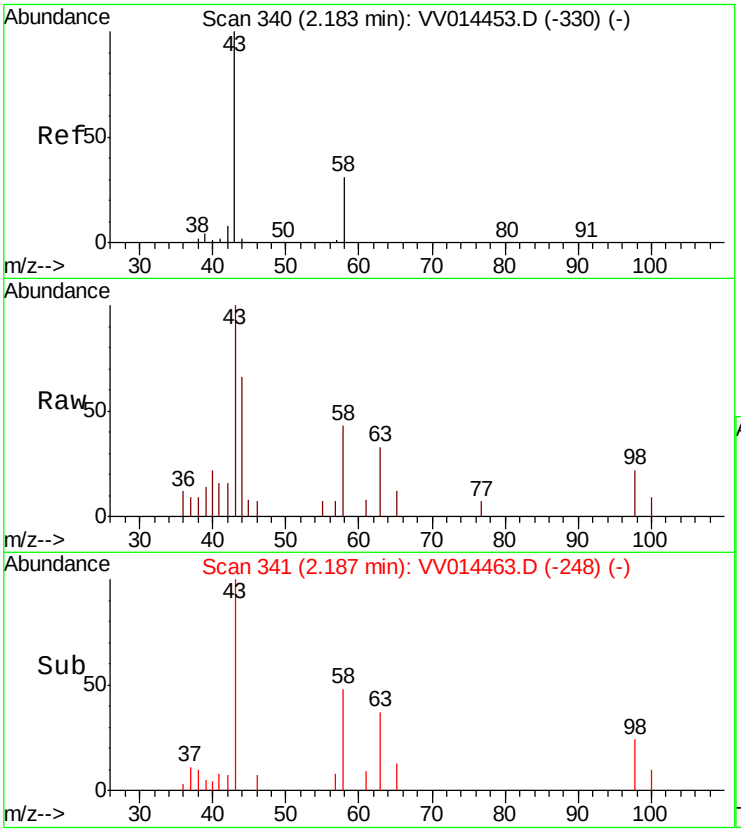


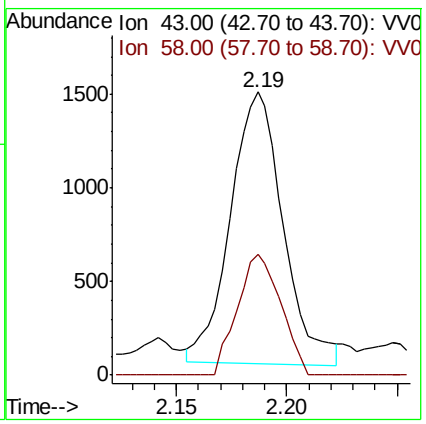


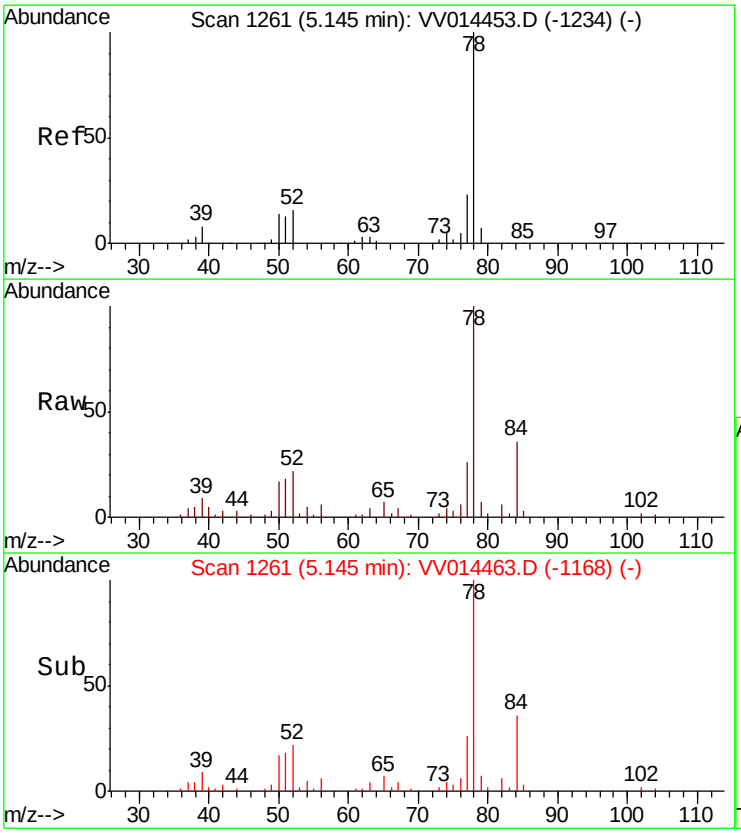
#13
Acetone
Concen: 1.713 ug/L
RT: 2.19 min Scan# 341
Delta R.T. -0.00 min
Lab File: VV014463.D
Acq: 31 Jan 2020 20:35

Instrument :
MSVOA_V
ClientSampleId :
GAT67

Tgt Ion: 43 Resp: 2414

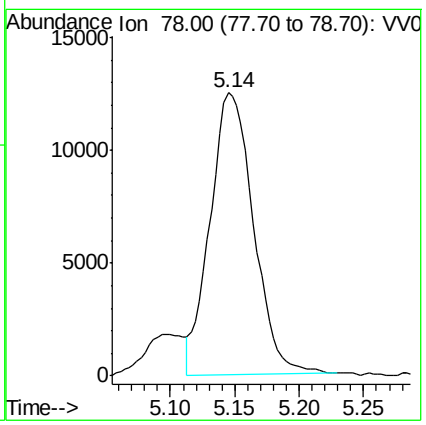
Ion	Ratio	Lower	Upper
43	100		
58	36.5	0.0	61.2

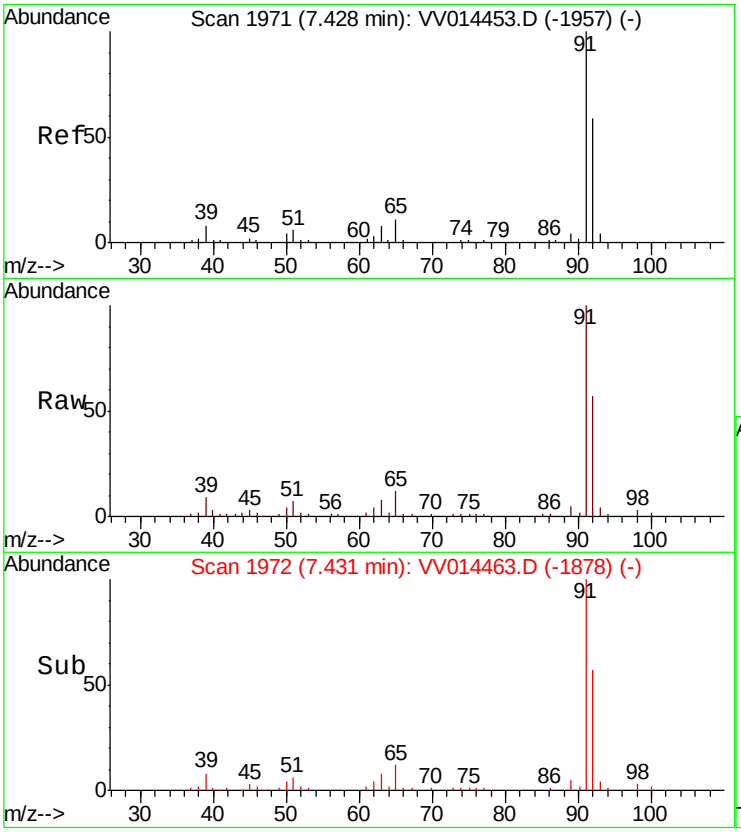




#33
Benzene
Concen: 2.389 ug/L
RT: 5.14 min Scan# 1261
Delta R.T. -0.00 min
Lab File: VV014463.D
Acq: 31 Jan 2020 20:35

Tgt Ion: 78 Resp: 29268



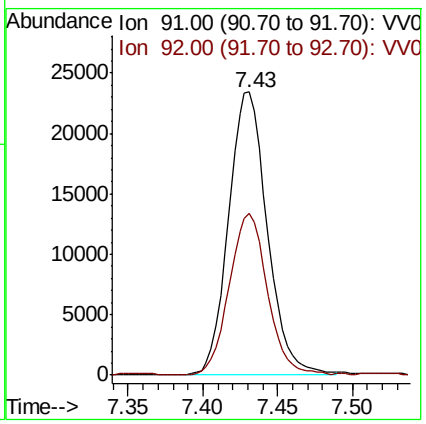


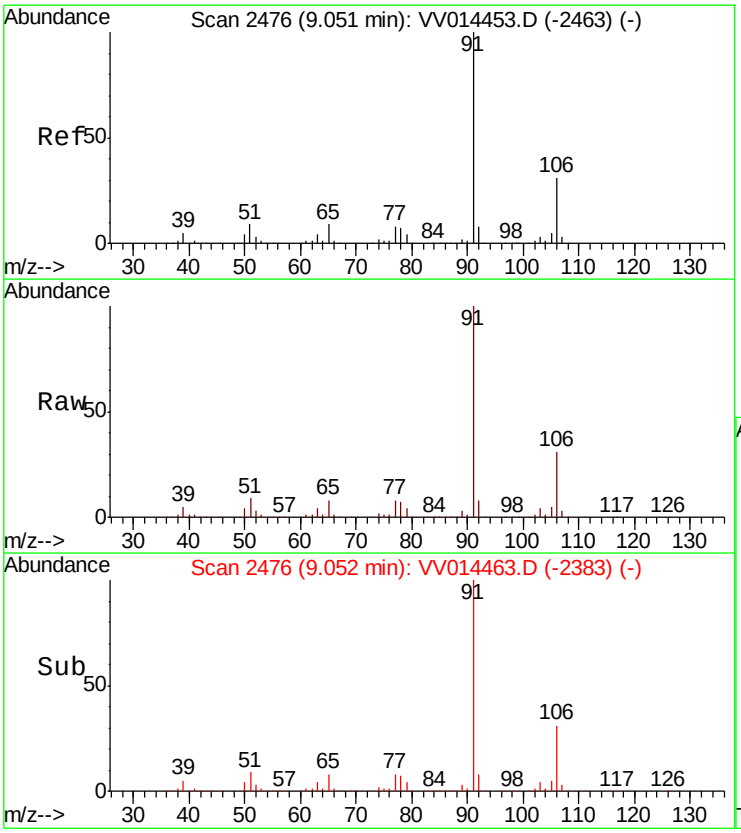
#42
Toluene
Concen: 3.295 ug/L
RT: 7.43 min Scan# 1972
Delta R.T. 0.00 min
Lab File: VV014463.D
Acq: 31 Jan 2020 20:35

Instrument : MSVOA_V
ClientSampleId : GAT67

Tgt Ion: 91 Resp: 42261

Ion	Ratio	Lower	Upper
91	100		
92	57.0	41.0	76.2

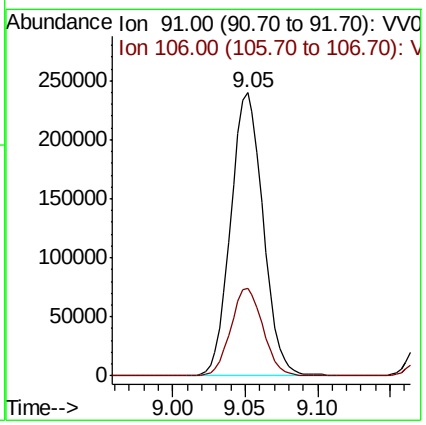


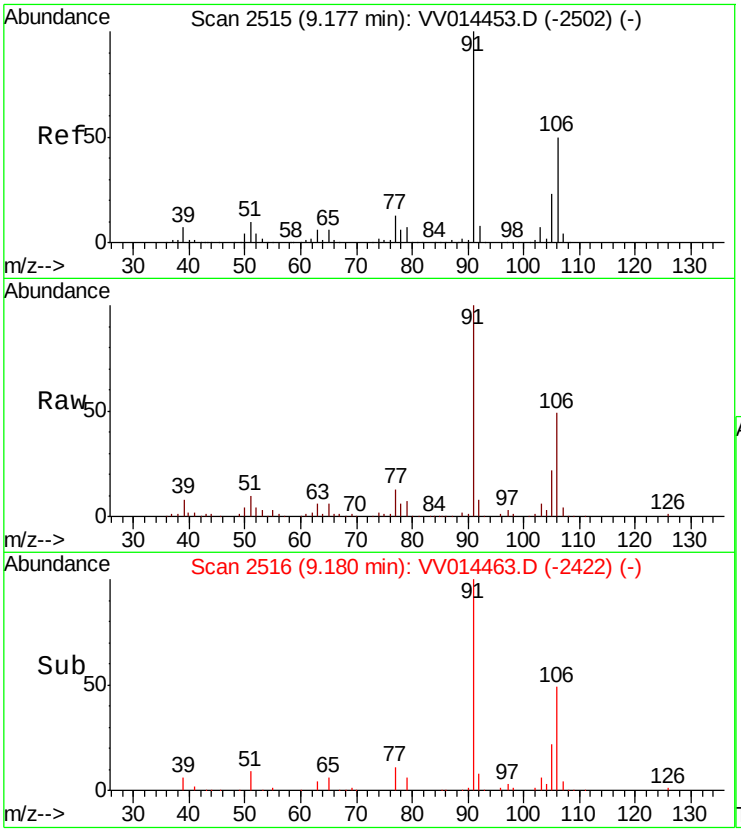


#52
Ethylbenzene
Concen: 25.896 ug/L
RT: 9.05 min Scan# 2476
Delta R.T. -0.00 min
Lab File: VV014463.D
Acq: 31 Jan 2020 20:35

Tgt Ion: 91 Resp: 372723

Ion	Ratio	Lower	Upper
91	100		
106	31.1	21.8	40.6



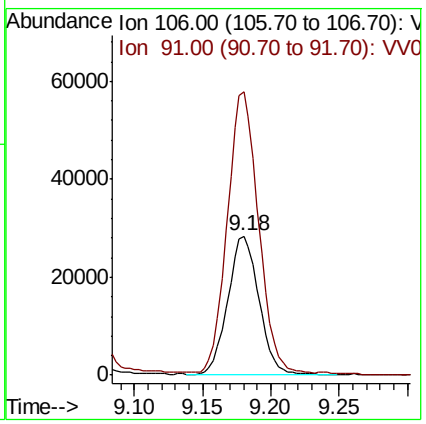


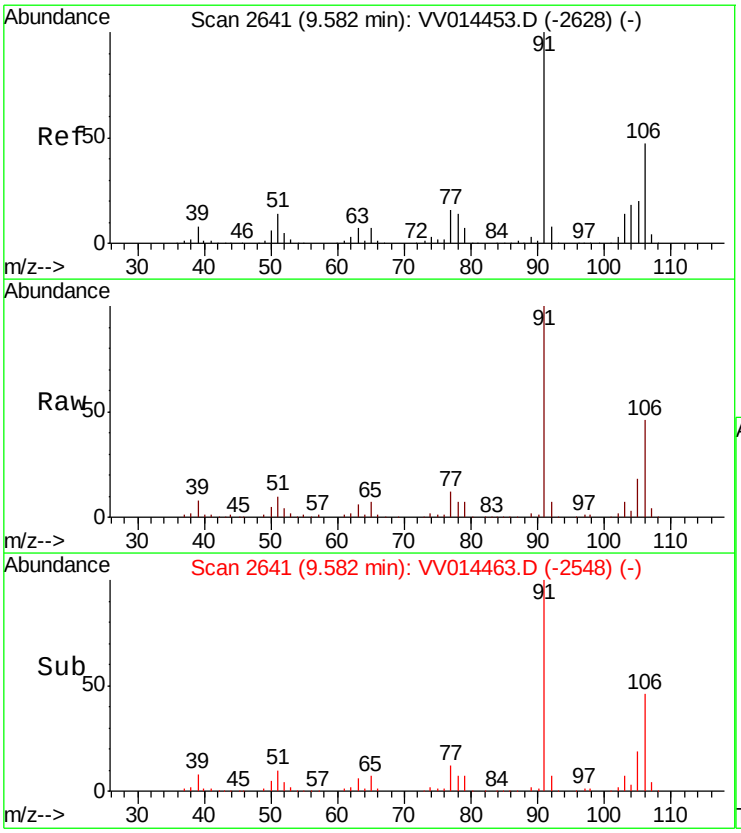
#53
m,p-Xylene
Concen: 8.441 ug/L
RT: 9.18 min Scan# 2516
Delta R.T. 0.00 min
Lab File: VV014463.D
Acq: 31 Jan 2020 20:35

Instrument :
MSVOA_V
ClientSampleId :
GAT67

Tgt Ion:106 Resp: 45366

Ion	Ratio	Lower	Upper
106	100		
91	203.7	140.9	261.7

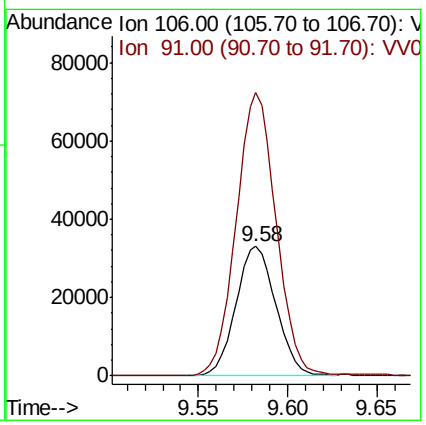


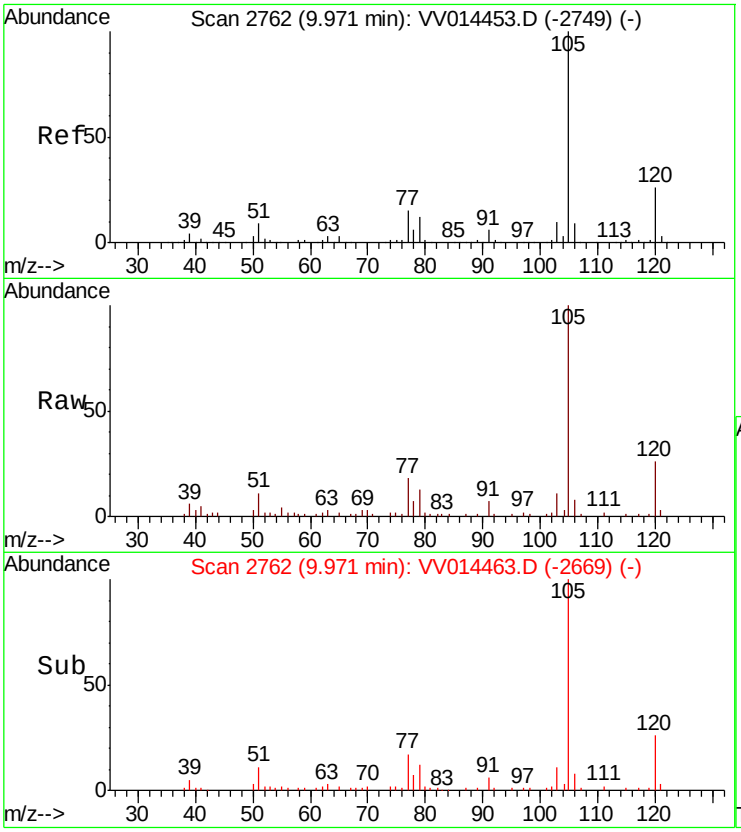


#54
o-xylene
Concen: 9.749 ug/L
RT: 9.58 min Scan# 2641
Delta R.T. -0.00 min
Lab File: VV014463.D
Acq: 31 Jan 2020 20:35

Tgt Ion:106 Resp: 51915

Ion	Ratio	Lower	Upper
106	100		
91	218.2	150.4	279.2





#56
Isopropylbenzene
Concen: 1.958 ug/L
RT: 9.97 min Scan# 2762
Delta R.T. -0.00 min
Lab File: VV014463.D
Acq: 31 Jan 2020 20:35

Instrument :
MSVOA_V
ClientSampleId :
GAT67

Tgt Ion:105 Resp: 26660

Ion	Ratio	Lower	Upper
105	100		
120	26.9	21.0	31.6
77	15.0	12.5	18.7