Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111919\
Data File : VV013682.D
Acq On : 19 Nov 2019 16:45
Operator : SY/MD
Sample : VIBLK43
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VIBLK

Quant Time: Nov 20 03:27:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 20 01:31:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	387557	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	362313	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	181048	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	94719	3.95	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 79.00%			
7) Chloroethane-d5	1.58	69	95592	4.47	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 89.40%			
11) 1,1-Dichloroethene-d2	2.13	63	135100	3.15	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 63.00%			
20) 2-Butanone-d5	3.96	46	316697	57.20	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 114.40%			
24) Chloroform-d	4.40	84	240436	4.54	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.80%			
26) 1,2-Dichloroethane-d4	5.08	65	124844	4.91	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.20%			
32) Benzene-d6	5.09	84	494276	4.89	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.80%			
36) 1,2-Dichloropropane-d6	6.11	67	151454	5.08	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 101.60%			
41) Toluene-d8	7.36	98	425256	4.53	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.60%			
43) trans-1,3-Dichloropropene-	7.66	79	53313	4.64	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 92.80%			
46) 2-Hexanone-d5	8.14	63	227759	52.40	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 104.80%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	104464	4.84	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.80%			
64) 1,2-Dichlorobenzene-d4	11.67	152	180683	5.19	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 103.80%			
Target Compounds						Qvalue
16) Methylene chloride	2.53	84	7910	0.246	ug/L	96
42) Toluene	7.43	91	24477	0.209	ug/L	94
52) Ethylbenzene	9.05	91	29395	0.235	ug/L	99
53) m,p-xylene	9.18	106	36670	0.779	ug/L	91
54) o-xylene	9.59	106	7846	0.173	ug/L	79

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

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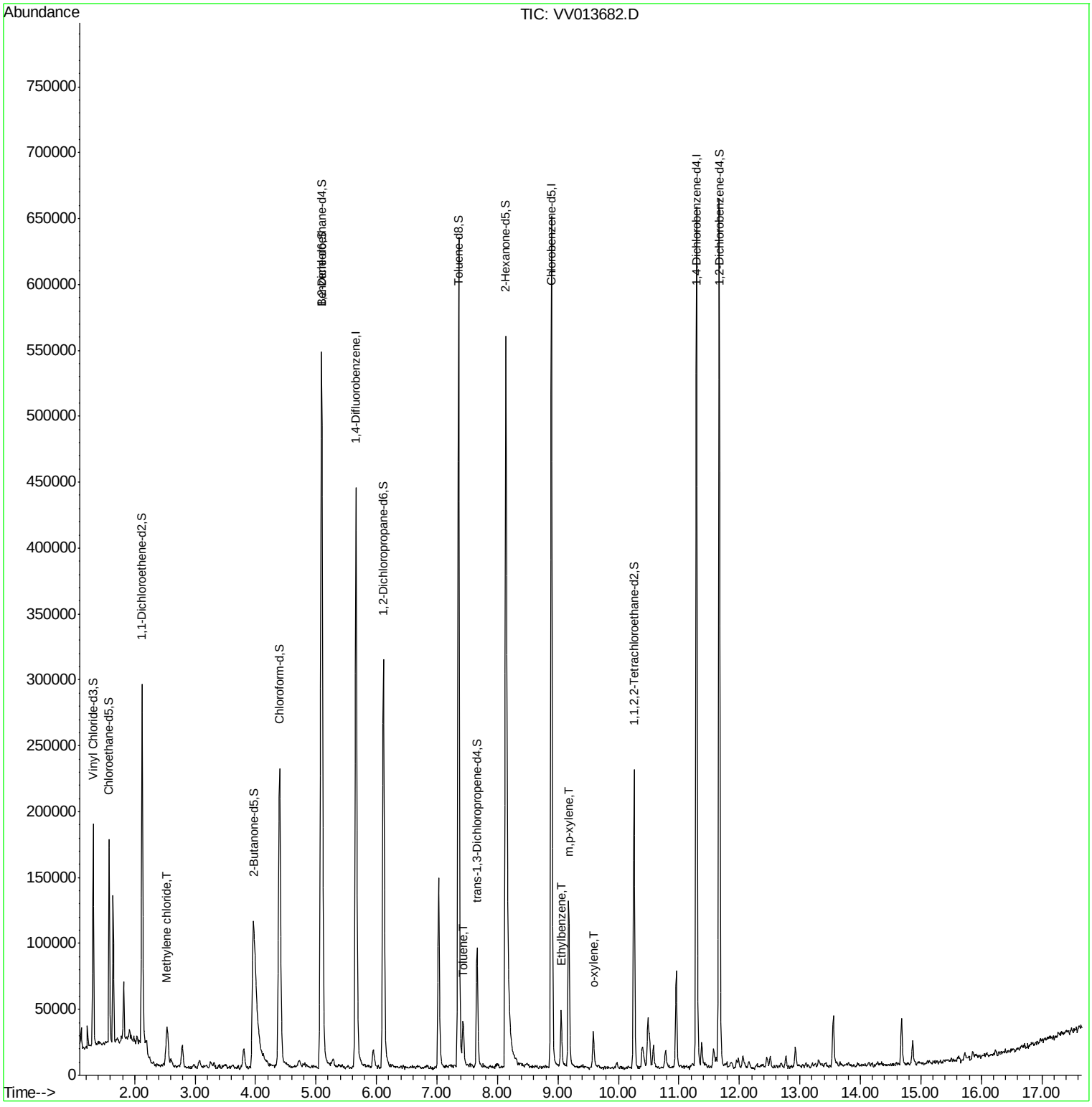
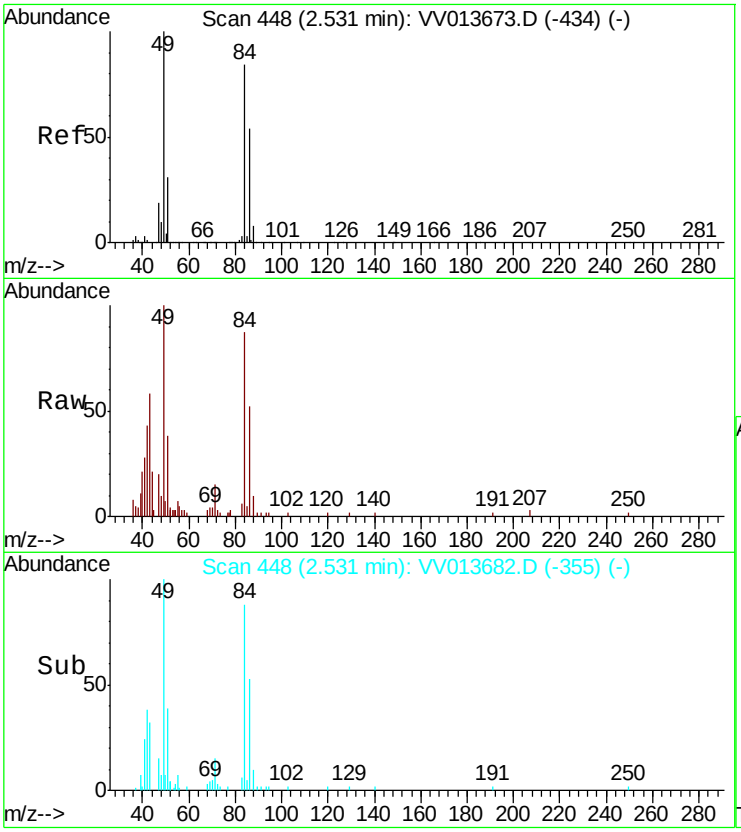


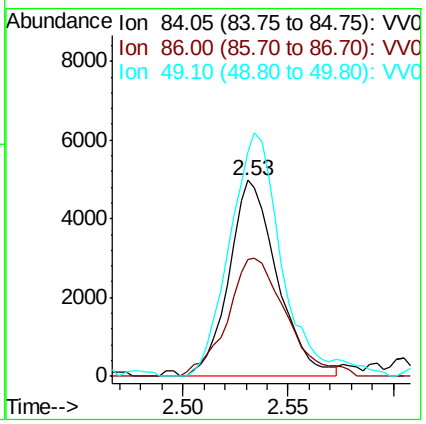


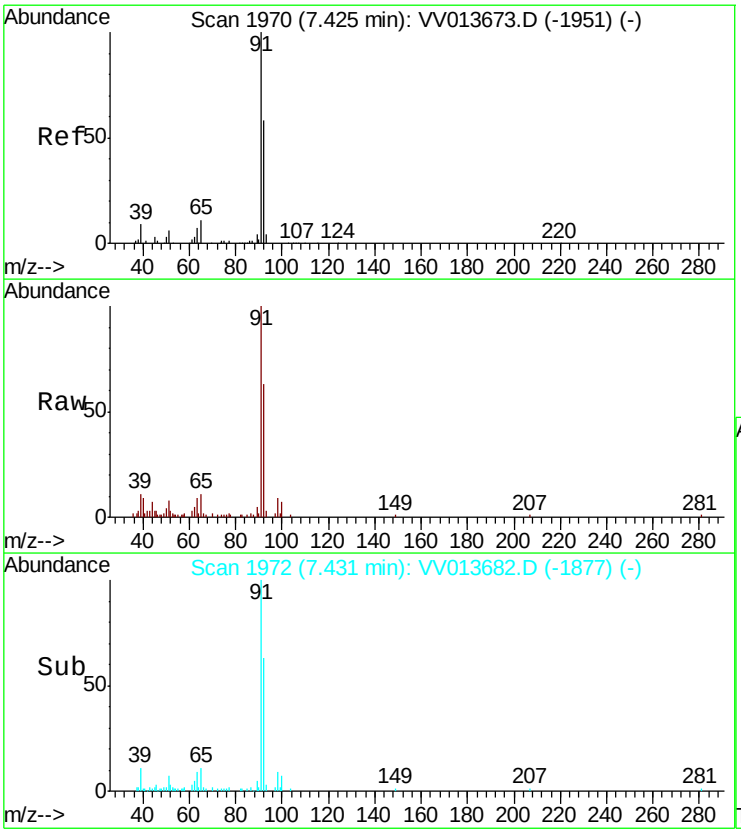
#16
Methylene chloride
Concen: 0.246 ug/L
RT: 2.53 min Scan# 448
Delta R.T. -0.00 min
Lab File: VV013682.D
Acq: 19 Nov 2019 16:45

Instrument : MSVOA_V
ClientSampleId : VIBLK

Tgt Ion: 84 Resp: 7910

Ion	Ratio	Lower	Upper
84	100		
86	59.6	44.1	81.9
49	114.6	83.4	155.0

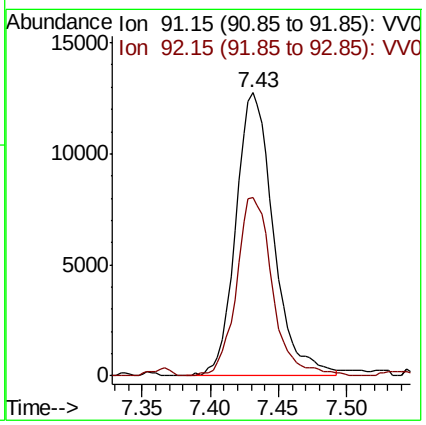


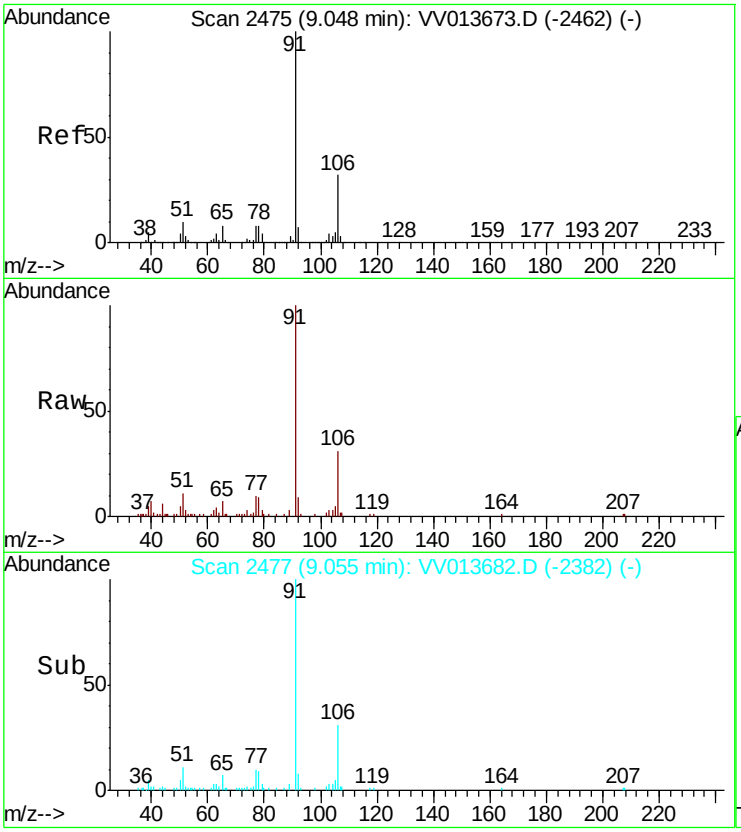


#42
Toluene
Concen: 0.209 ug/L
RT: 7.43 min Scan# 1972
Delta R.T. 0.01 min
Lab File: VV013682.D
Acq: 19 Nov 2019 16:45

Tgt Ion: 91 Resp: 24477

Ion	Ratio	Lower	Upper
91	100		
92	63.1	41.2	76.6



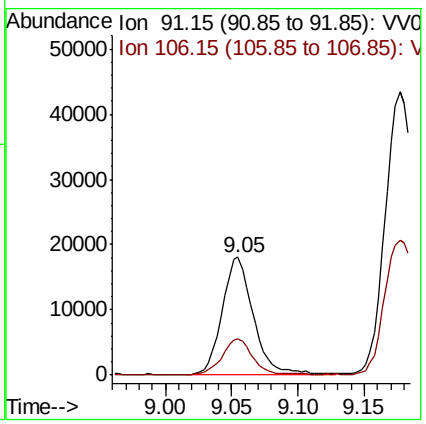


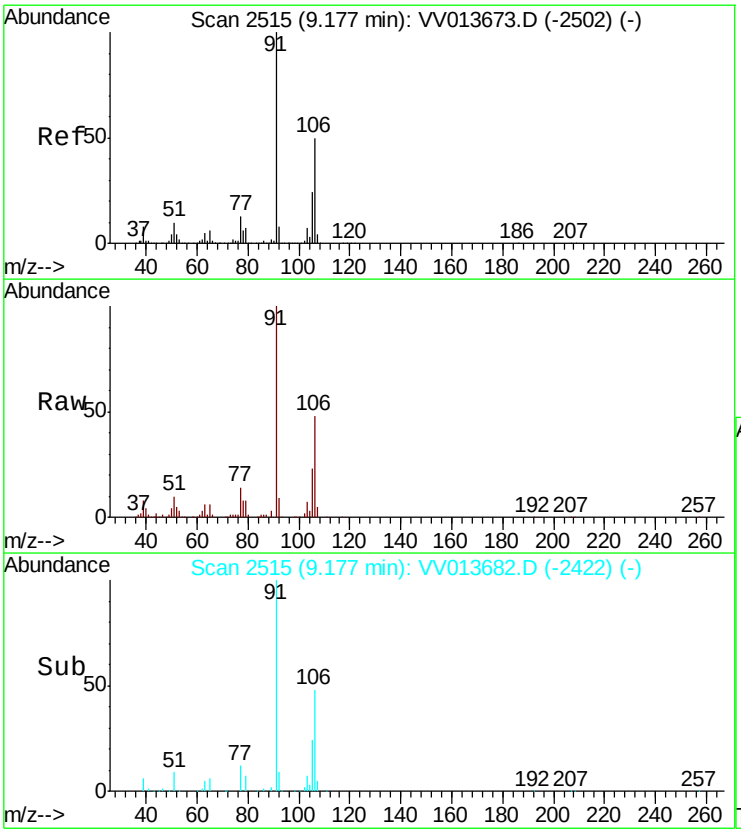
#52
Ethylbenzene
Concen: 0.235 ug/L
RT: 9.05 min Scan# 2477
Delta R.T. 0.01 min
Lab File: VV013682.D
Acq: 19 Nov 2019 16:45

Instrument : MSVOA_V
ClientSampleId : VIBLK

Tgt Ion: 91 Resp: 29395

Ion	Ratio	Lower	Upper
91	100		
106	30.6	21.7	40.3

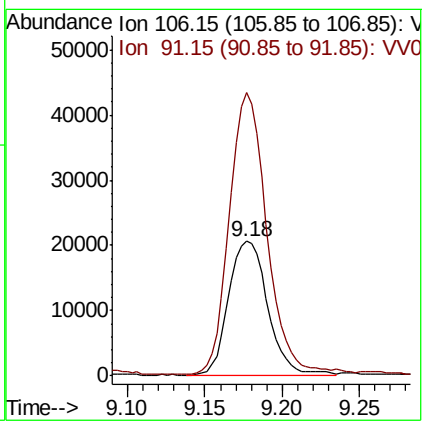


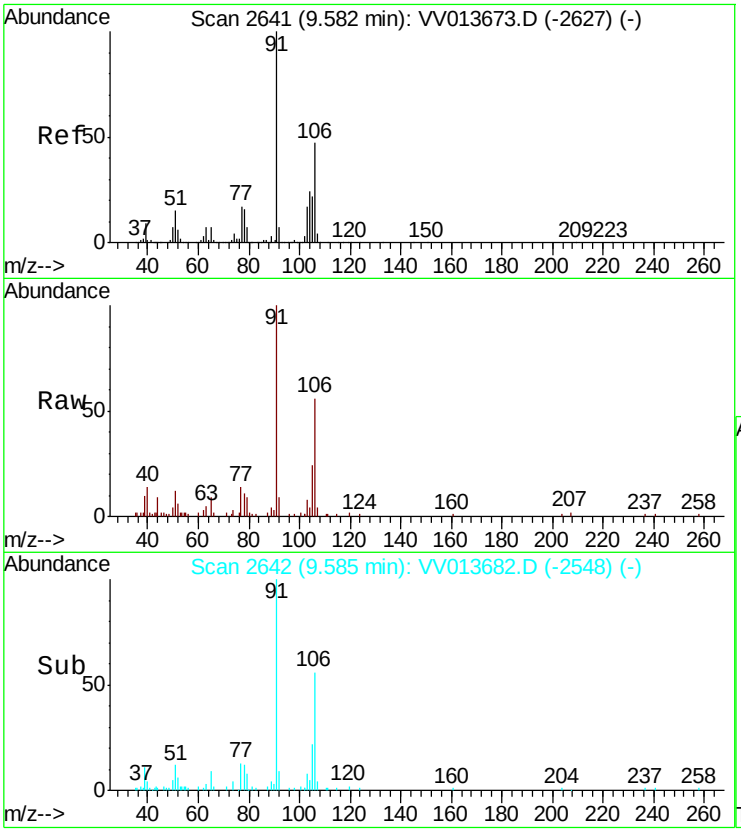


#53
m,p-xylene
Concen: 0.779 ug/L
RT: 9.18 min Scan# 2515
Delta R.T. -0.00 min
Lab File: VV013682.D
Acq: 19 Nov 2019 16:45

Tgt Ion:106 Resp: 36670

Ion	Ratio	Lower	Upper
106	100		
91	210.4	138.1	256.5





#54
o-xylene
Concen: 0.173 ug/L
RT: 9.59 min Scan# 2642
Delta R.T. 0.00 min
Lab File: VV013682.D
Acq: 19 Nov 2019 16:45

Tgt Ion:106 Resp: 7846

Ion	Ratio	Lower	Upper
106	100		
91	177.4	146.9	272.7

Instrument :
MSVOA_V
ClientSampleId :
VIBLK