Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100818\
Data File : VU027515.D
Acq On : 08 Oct 2018 21:30
Operator : MD/SY
Sample : J5298-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : E62W8

Quant Time: Oct 09 09:28:32 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100518WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 09 05:21:41 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	174477	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	161731	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	74244	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	51242	37.32	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 74.64%			
7) Chloroethane-d5	1.68	69	43650	41.26	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 82.52%			
11) 1,1-Dichloroethene-d2	2.27	63	72250	28.05	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 56.10%#			
21) 2-Butanone-d5	4.18	46	129291	116.64	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 116.64%			
24) Chloroform-d	4.65	84	105810	48.18	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.36%			
26) 1,2-Dichloroethane-d4	5.31	65	75705	49.19	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.38%			
32) Benzene-d6	5.34	84	203929	44.00	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.00%			
36) 1,2-Dichloropropane-d6	6.33	67	78531	49.46	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 98.92%			
41) Toluene-d8	7.57	98	168964	40.78	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 81.56%			
43) trans-1,3-Dichloropropene-	7.85	79	32505	42.49	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 84.98%			
47) 2-Hexanone-d5	8.31	63	91608	114.24	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 114.24%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	110496	53.22	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 106.44%			
64) 1,2-Dichlorobenzene-d4	11.86	152	68937	47.46	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.92%			
Target Compounds						Qvalue
33) Benzene	5.39	78	14117	2.656	ug/L	100
42) Toluene	7.64	91	57662	10.813	ug/L	97
52) Ethylbenzene	9.25	91	19845	3.352	ug/L	98
53) m,p-Xylene	9.38	106	6578	3.035	ug/L	99
54) o-xylene	9.78	106	8145	3.901	ug/L	100
56) Isopropylbenzene	10.17	105	2459	0.449	ug/L	97

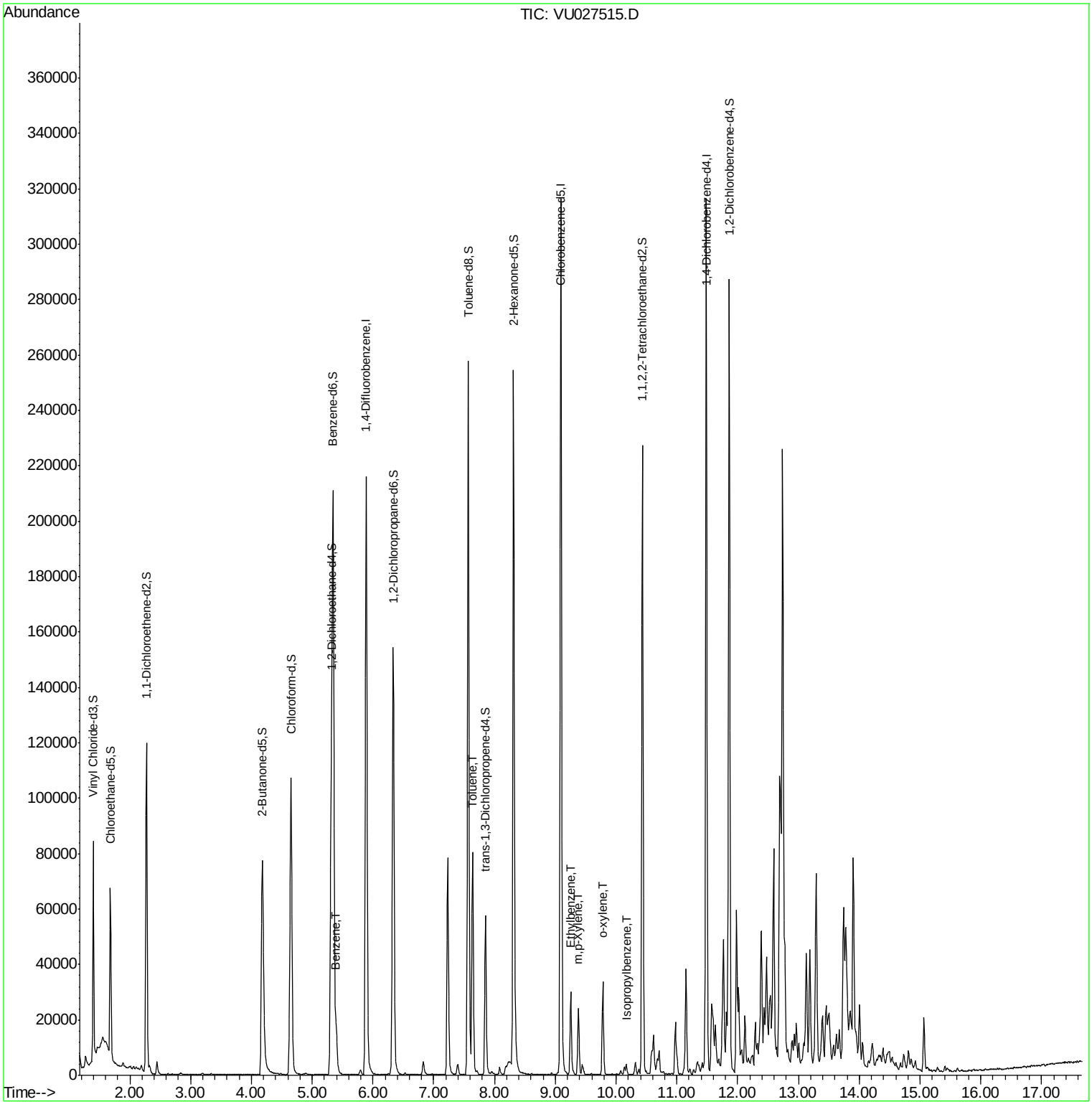
(#) = qualifier out of range (m) = manual integration (+) = signals summed

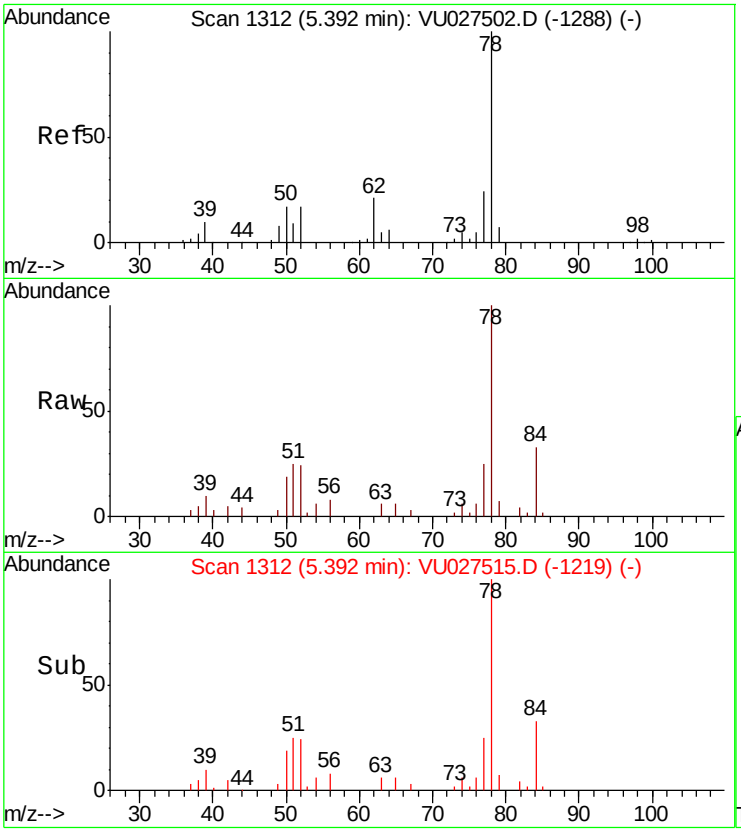
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100818\
Data File : VU027515.D
Acq On : 08 Oct 2018 21:30
Operator : MD/SY
Sample : J5298-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E62W8

Quant Time: Oct 09 09:28:32 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100518WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 09 05:21:41 2018
Response via : Initial Calibration

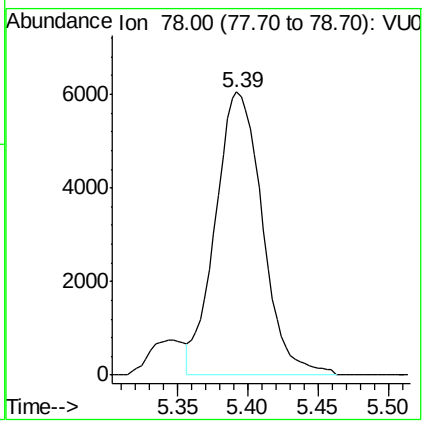


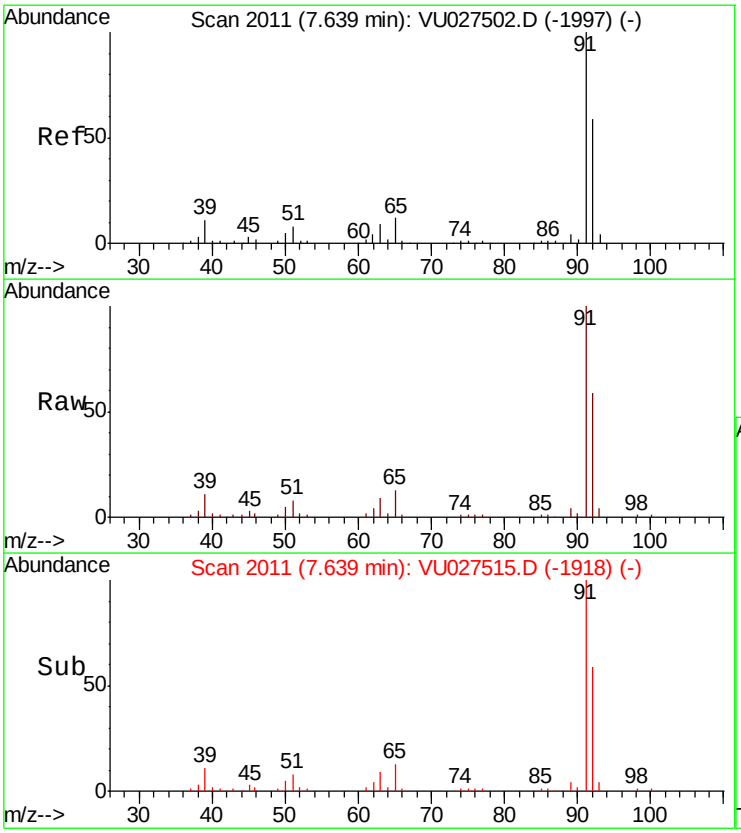


#33
Benzene
Concen: 2.656 ug/L
RT: 5.39 min Scan# 1312
Delta R.T. 0.00 min
Lab File: VU027515.D
Acq: 08 Oct 2018 21:30

Instrument :
MSVOA_U
ClientSampleId :
E62W8

Tgt Ion: 78 Resp: 14117

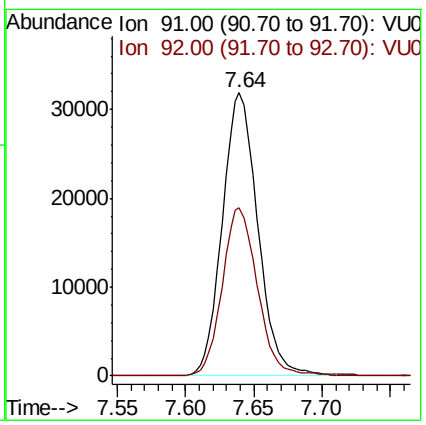


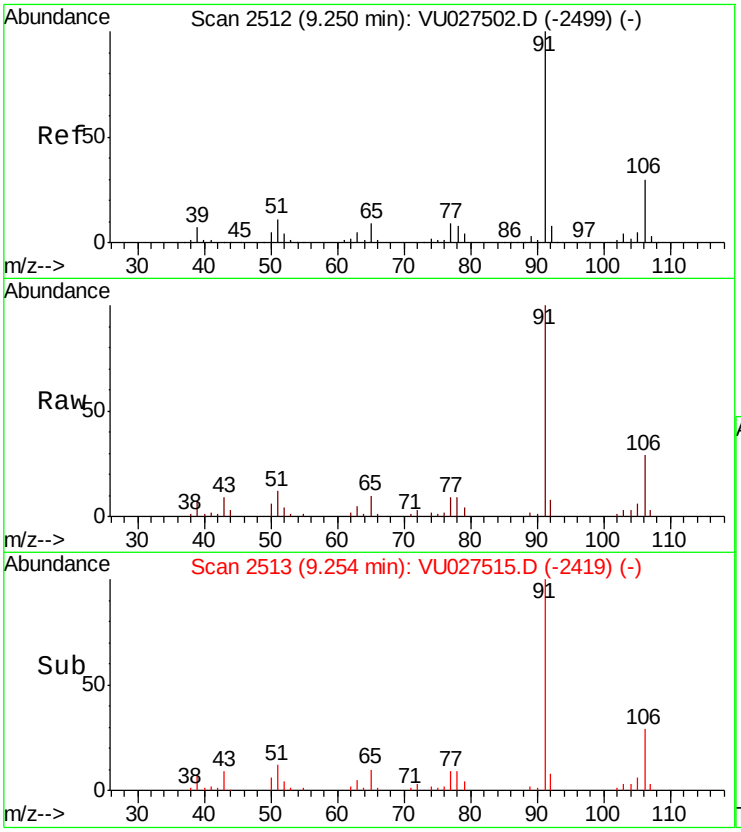


#42
Toluene
Concen: 10.813 ug/L
RT: 7.64 min Scan# 2011
Delta R.T. 0.00 min
Lab File: VU027515.D
Acq: 08 Oct 2018 21:30

Tgt Ion: 91 Resp: 57662

Ion	Ratio	Lower	Upper
91	100		
92	59.4	40.2	74.6



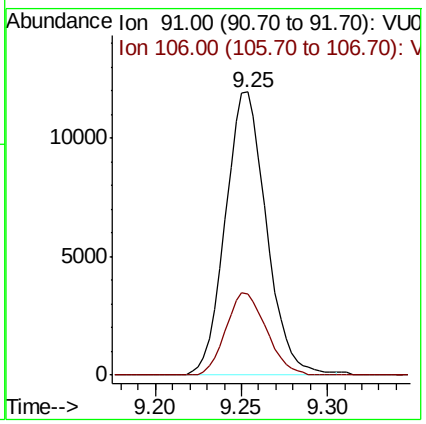


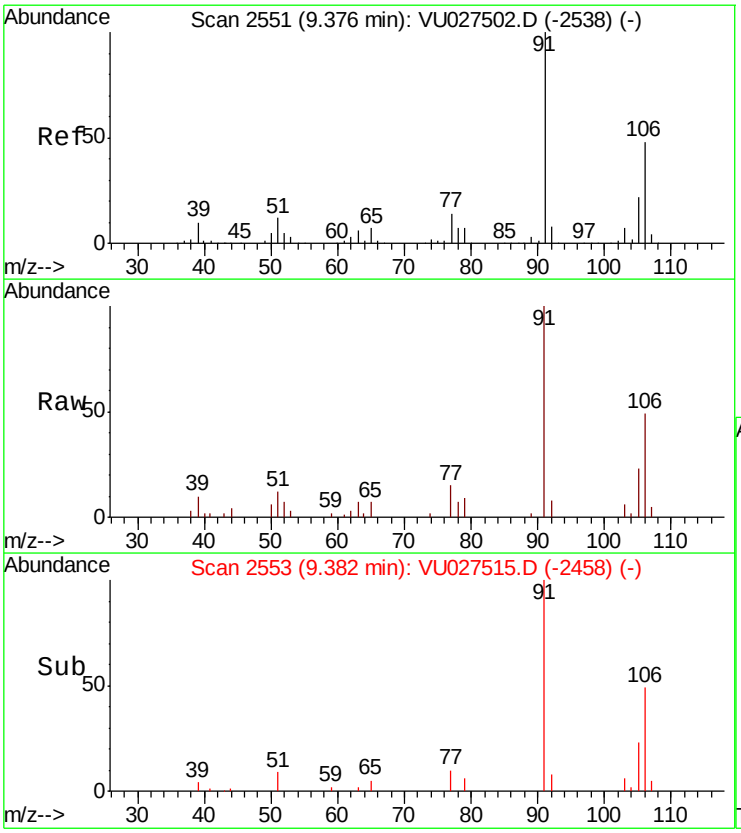
#52
Ethylbenzene
Concen: 3.352 ug/L
RT: 9.25 min Scan# 2513
Delta R.T. 0.00 min
Lab File: VU027515.D
Acq: 08 Oct 2018 21:30

Instrument : MSVOA_U
ClientSampleId : E62W8

Tgt Ion: 91 Resp: 19845

Ion	Ratio	Lower	Upper
91	100		
106	28.5	20.6	38.4

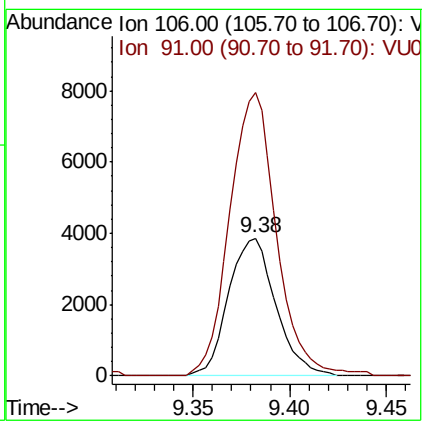


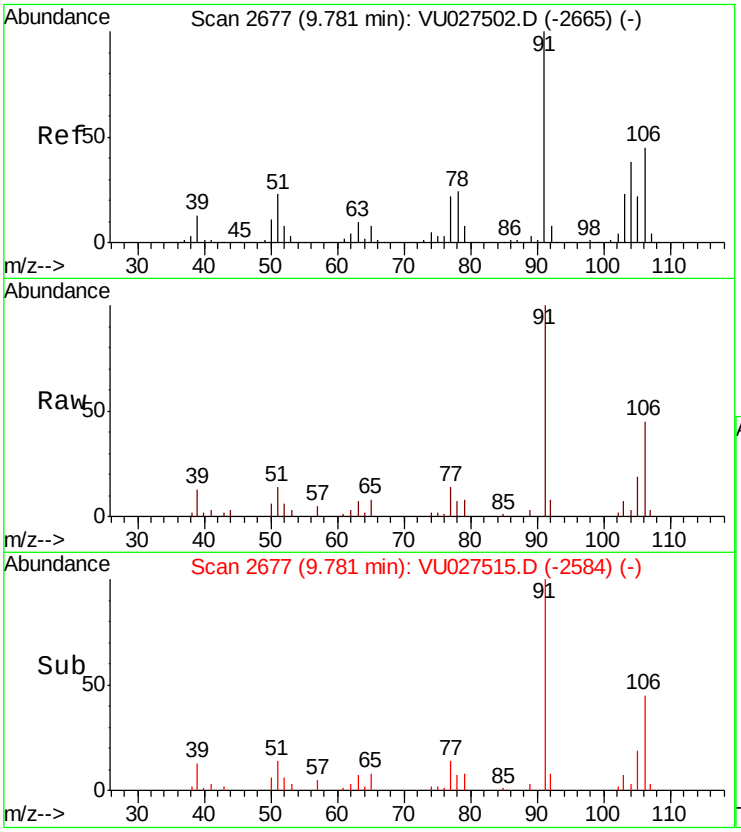


#53
m,p-Xylene
Concen: 3.035 ug/L
RT: 9.38 min Scan# 2553
Delta R.T. 0.01 min
Lab File: VU027515.D
Acq: 08 Oct 2018 21:30

Tgt Ion:106 Resp: 6578

Ion	Ratio	Lower	Upper
106	100		
91	205.6	145.0	269.4



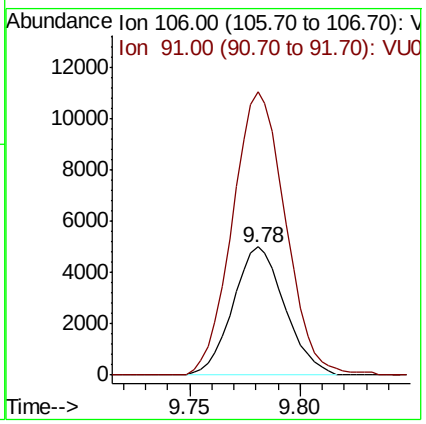


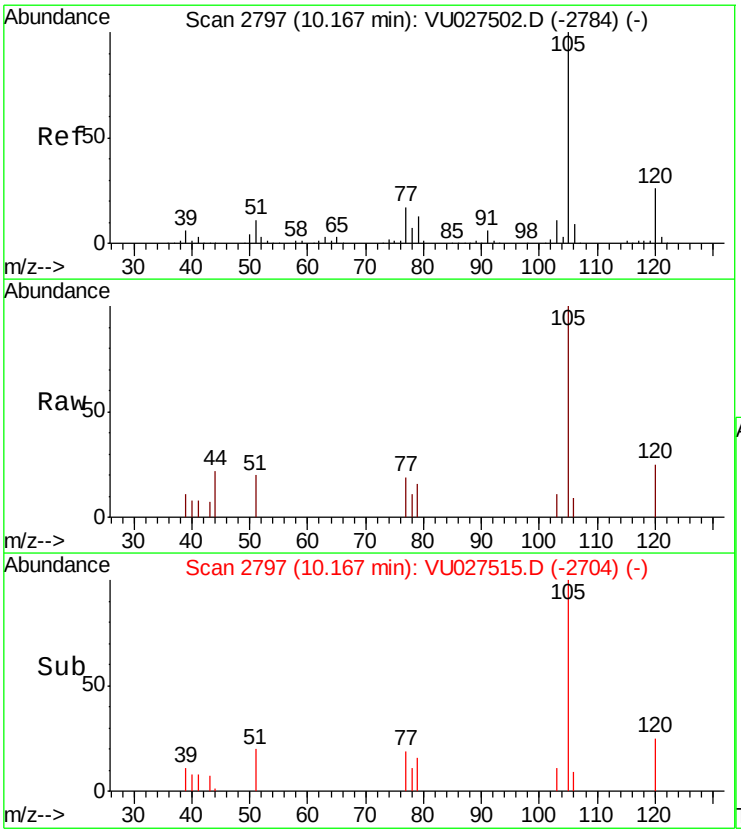
#54
o-xylene
Concen: 3.901 ug/L
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU027515.D
Acq: 08 Oct 2018 21:30

Instrument :
MSVOA_U
ClientSampleId :
E62W8

Tgt Ion:106 Resp: 8145

Ion	Ratio	Lower	Upper
106	100		
91	221.3	154.8	287.4





#56
Isopropylbenzene
Concen: 0.449 ug/L
RT: 10.17 min Scan# 2797
Delta R.T. 0.00 min
Lab File: VU027515.D
Acq: 08 Oct 2018 21:30

Tgt Ion:105 Resp: 2459

Ion	Ratio	Lower	Upper
105	100		
120	23.4	20.6	30.8
77	16.9	13.0	19.4