Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112019\

Quantitation Report (QT/LSC Reviewed)

Data File : VU035786.D
Acq On : 20 Nov 2019 13:54
Operator : JC/SP
Sample : K5811-03ME
Misc : 5.83g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETOP1ME

Quant Time: Nov 26 02:46:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM103119WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Nov 21 04:09:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	655216	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	680352	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	271290	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	216305	40.87	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 81.74%			
7) Chloroethane-d5	1.89	69	166421	39.38	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery = 78.76%			
11) 1,1-Dichloroethene-d2	2.56	63	303032	36.82	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery = 73.64%			
21) 2-Butanone-d5	4.70	46	417553	135.08	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 135.08%#			
24) Chloroform-d	5.11	84	420142	51.41	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.82%			
26) 1,2-Dichloroethane-d4	5.75	65	297808	59.48	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 118.96%			
32) Benzene-d6	5.76	84	853252	48.11	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.22%			
36) 1,2-Dichloropropane-d6	6.73	67	298094	51.83	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 103.66%			
41) Toluene-d8	7.93	98	745520	44.57	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 89.14%			
43) trans-1,3-Dichloropropene-	8.22	79	134665	50.83	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 101.66%			
47) 2-Hexanone-d5	8.69	63	284452	129.05	ug/L	0.01
Spiked Amount 100.000	Range 45 - 130		Recovery = 129.05%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	452003	55.27	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 110.54%			
64) 1,2-Dichlorobenzene-d4	12.22	152	249515	45.60	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.20%			
Target Compounds						Qvalue
20) cis-1,2-Dichloroethene	4.71	96	338263	71.152	ug/L	92
34) Trichloroethene	6.58	95	330441	67.978	ug/L	93
46) Tetrachloroethene	8.58	164	221412	54.473	ug/L	98
53) m,p-Xylene	9.72	106	50989	6.343	ug/L	94
54) o-xylene	10.13	106	30602	3.895	ug/L	97

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

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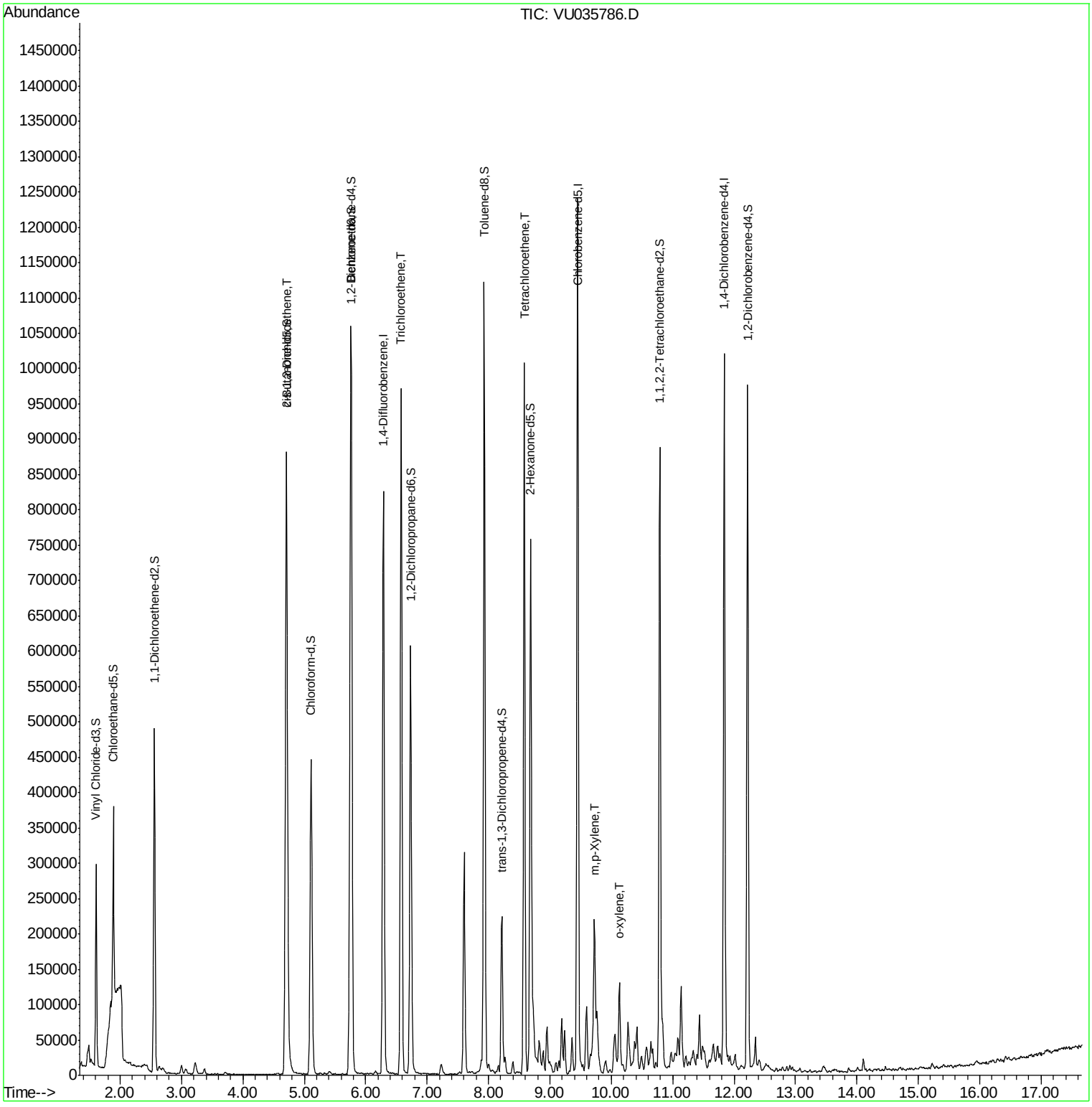
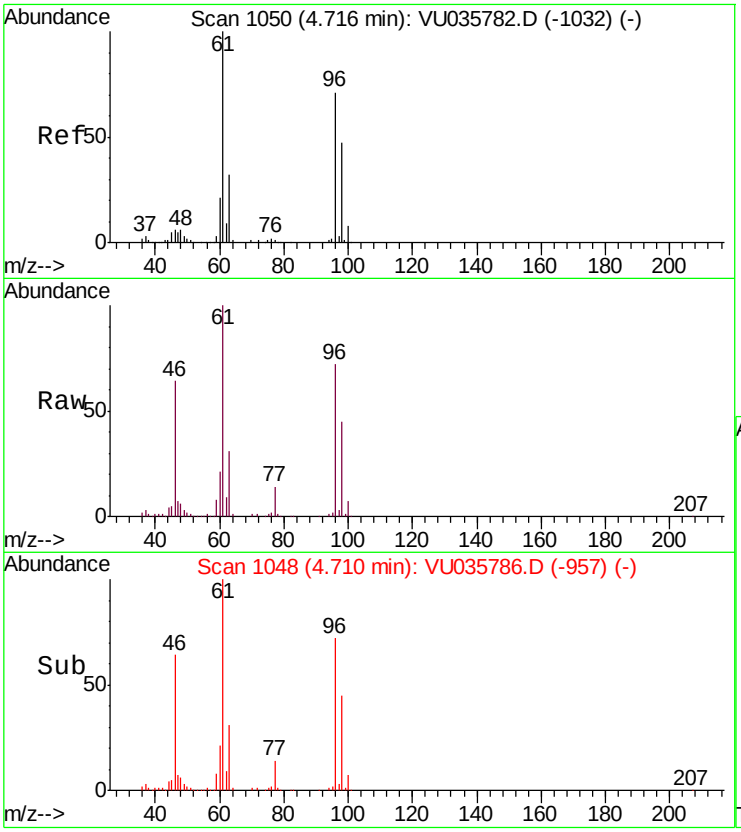


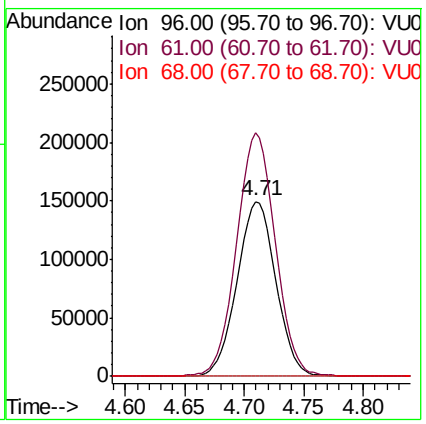


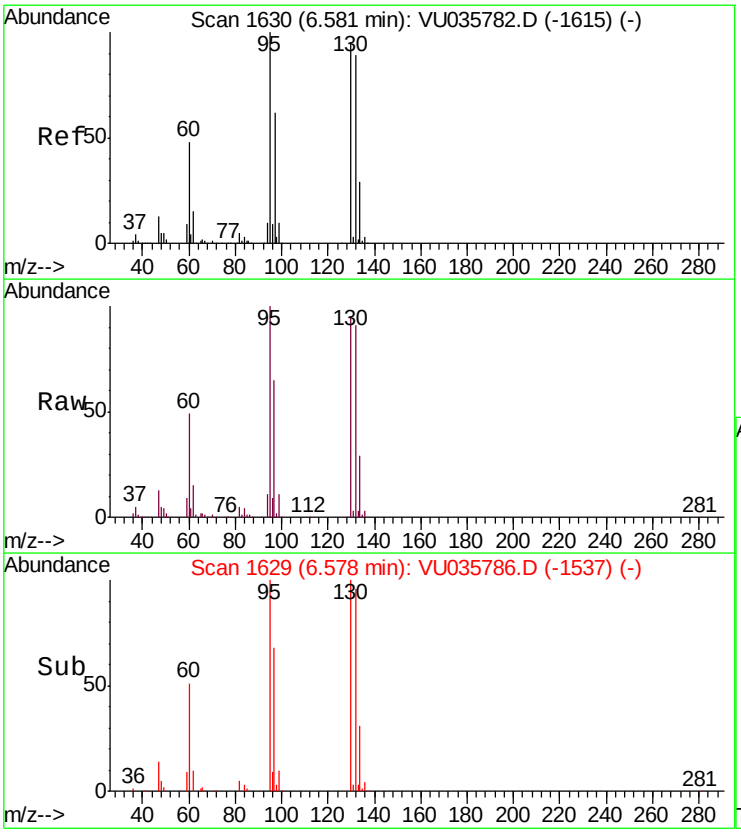
#20
cis-1,2-Dichloroethene
Concen: 71.152 ug/L
RT: 4.71 min Scan# 1048
Delta R.T. -0.01 min
Lab File: VU035786.D
Acq: 20 Nov 2019 13:54

Instrument :
MSVOA_U
ClientSampleId :
ETOP1ME

Tgt Ion: 96 Resp: 338263

Ion	Ratio	Lower	Upper
96	100		
61	139.3	90.6	168.3
68	0.0	0.0	0.0

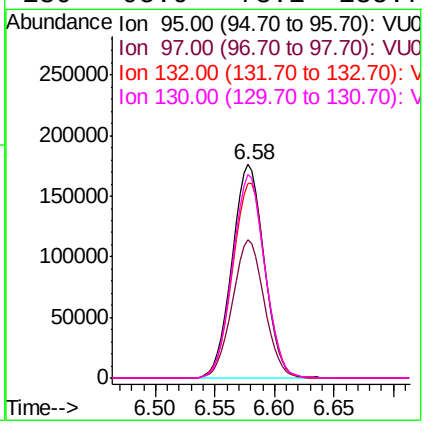


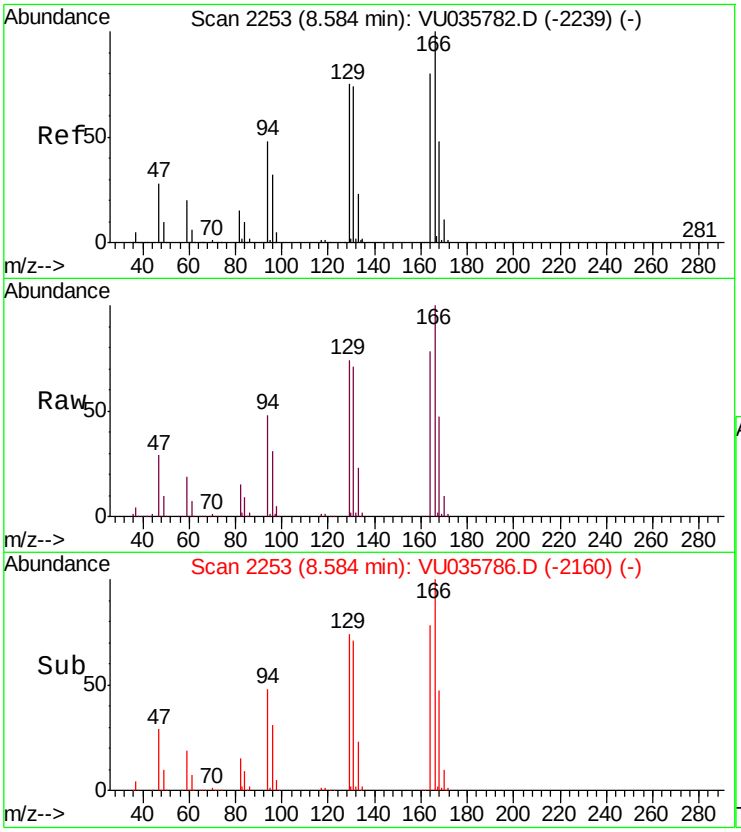


#34
Trichloroethene
Concen: 67.978 ug/L
RT: 6.58 min Scan# 1629
Delta R.T. -0.00 min
Lab File: VU035786.D
Acq: 20 Nov 2019 13:54

Tgt Ion: 95 Resp: 330441

Ion	Ratio	Lower	Upper
95	100		
97	64.6	45.6	84.6
132	90.8	69.9	129.7
130	95.0	73.1	135.7



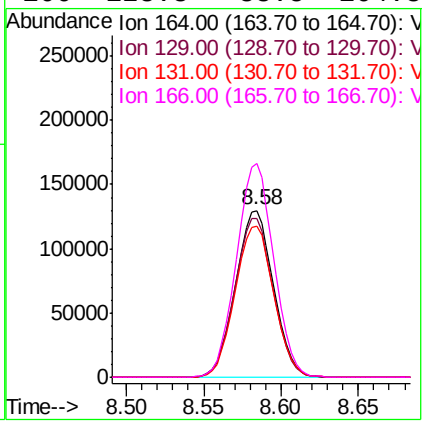


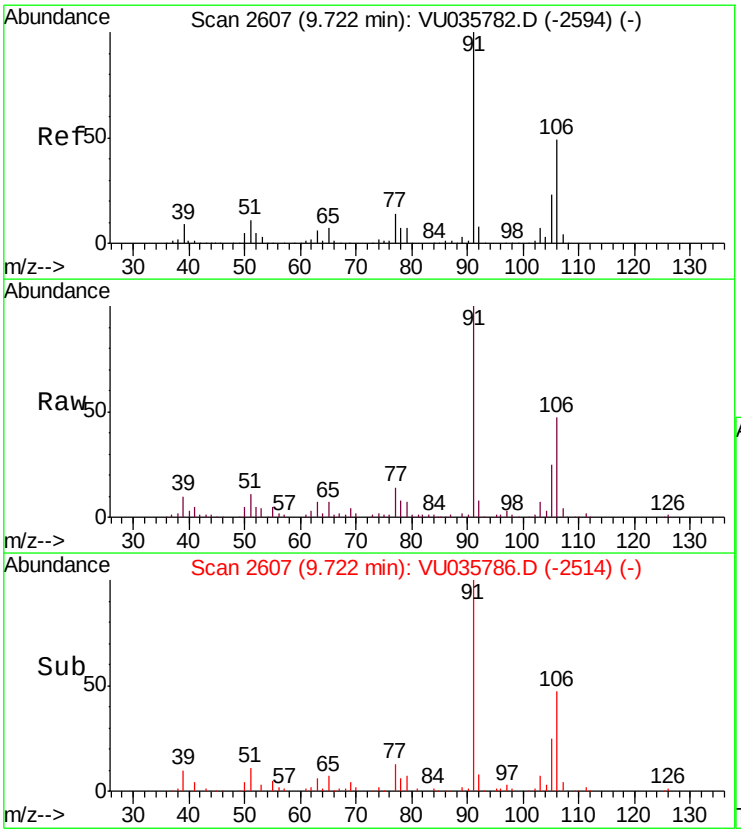
#46
Tetrachloroethene
Concen: 54.473 ug/L
RT: 8.58 min Scan# 2253
Delta R.T. -0.00 min
Lab File: VU035786.D
Acq: 20 Nov 2019 13:54

Instrument :
MSVOA_U
ClientSampleId :
ETOP1ME

Tgt Ion:164 Resp: 221412

Ion	Ratio	Lower	Upper
164	100		
129	95.3	64.1	119.1
131	90.8	63.1	117.1
166	128.3	88.5	164.3

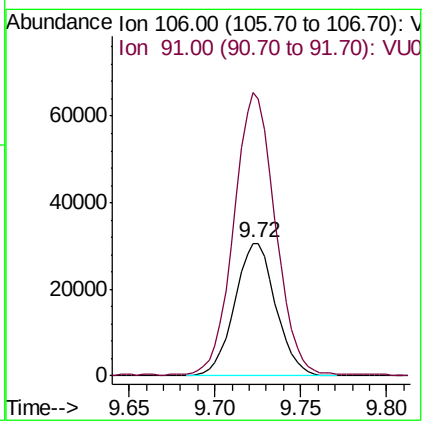


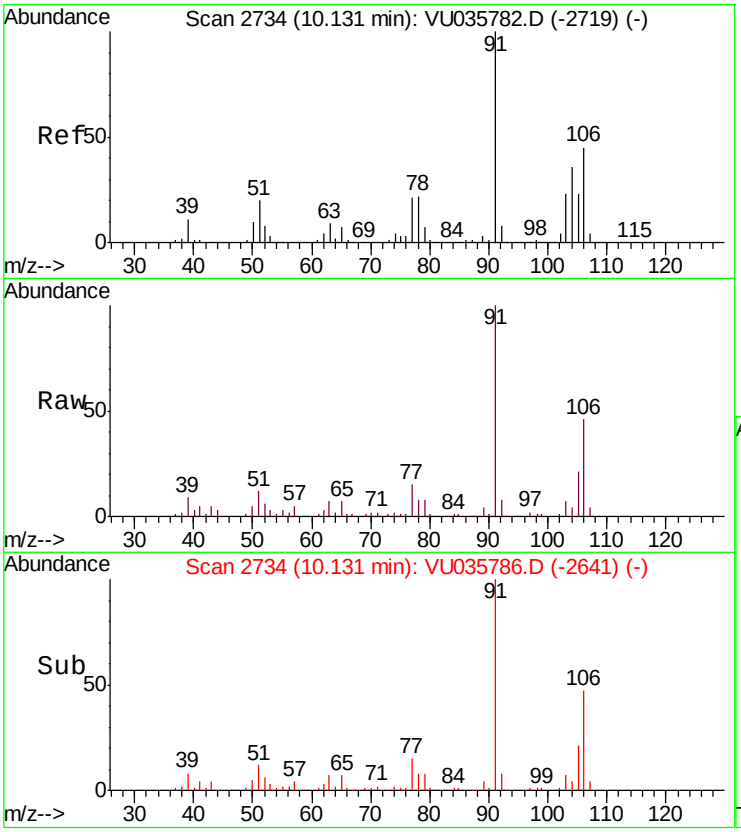


#53
m,p-Xylene
Concen: 6.343 ug/L
RT: 9.72 min Scan# 2607
Delta R.T. -0.00 min
Lab File: VU035786.D
Acq: 20 Nov 2019 13:54

Tgt Ion:106 Resp: 50989

Ion	Ratio	Lower	Upper
106	100		
91	213.1	142.7	264.9





#54
o-xylene
Concen: 3.895 ug/L
RT: 10.13 min Scan# 2734
Delta R.T. -0.00 min
Lab File: VU035786.D
Acq: 20 Nov 2019 13:54

Instrument :
MSVOA_U
ClientSampleId :
ETOP1ME

Tgt Ion:106 Resp: 30602

Ion	Ratio	Lower	Upper
106	100		
91	215.1	147.1	273.1