Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111819\
Data File : VU035747.D
Acq On : 18 Nov 2019 16:46
Operator : JC/SP
Sample : K5911-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQL4

Quant Time: Nov 19 02:44:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 19 00:32:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	189609	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	219114	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	86842	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	86484	4.43	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 88.60%			
7) Chloroethane-d5	1.93	69	80331	5.03	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 100.60%			
11) 1,1-Dichloroethene-d2	2.59	63	113447	3.45	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 69.00%			
20) 2-Butanone-d5	4.70	46	225865	52.42	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 104.84%			
24) Chloroform-d	5.11	84	154389	4.96	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.20%			
26) 1,2-Dichloroethane-d4	5.75	65	87083	5.33	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 106.60%			
32) Benzene-d6	5.77	84	315966	4.58	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.60%			
36) 1,2-Dichloropropane-d6	6.74	67	107988	4.84	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.80%			
41) Toluene-d8	7.93	98	257131	3.94	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 78.80%			
43) trans-1,3-Dichloropropene-	8.22	79	36810	4.13	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 82.60%			
46) 2-Hexanone-d5	8.68	63	159501	45.70	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 91.40%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	94908	5.07	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.40%			
64) 1,2-Dichlorobenzene-d4	12.22	152	90080	5.23	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 104.60%			
Target Compounds						Qvalue
13) Acetone	2.67	43	6161	1.983	ug/L	98
25) Chloroform	5.14	83	20098	0.580	ug/L	93
42) Toluene	8.01	91	19523	0.241	ug/L	97
53) m,p-Xylene	9.73	106	6126	0.189	ug/L	93
54) o-Xylene	10.13	106	2400	0.077	ug/L	95

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

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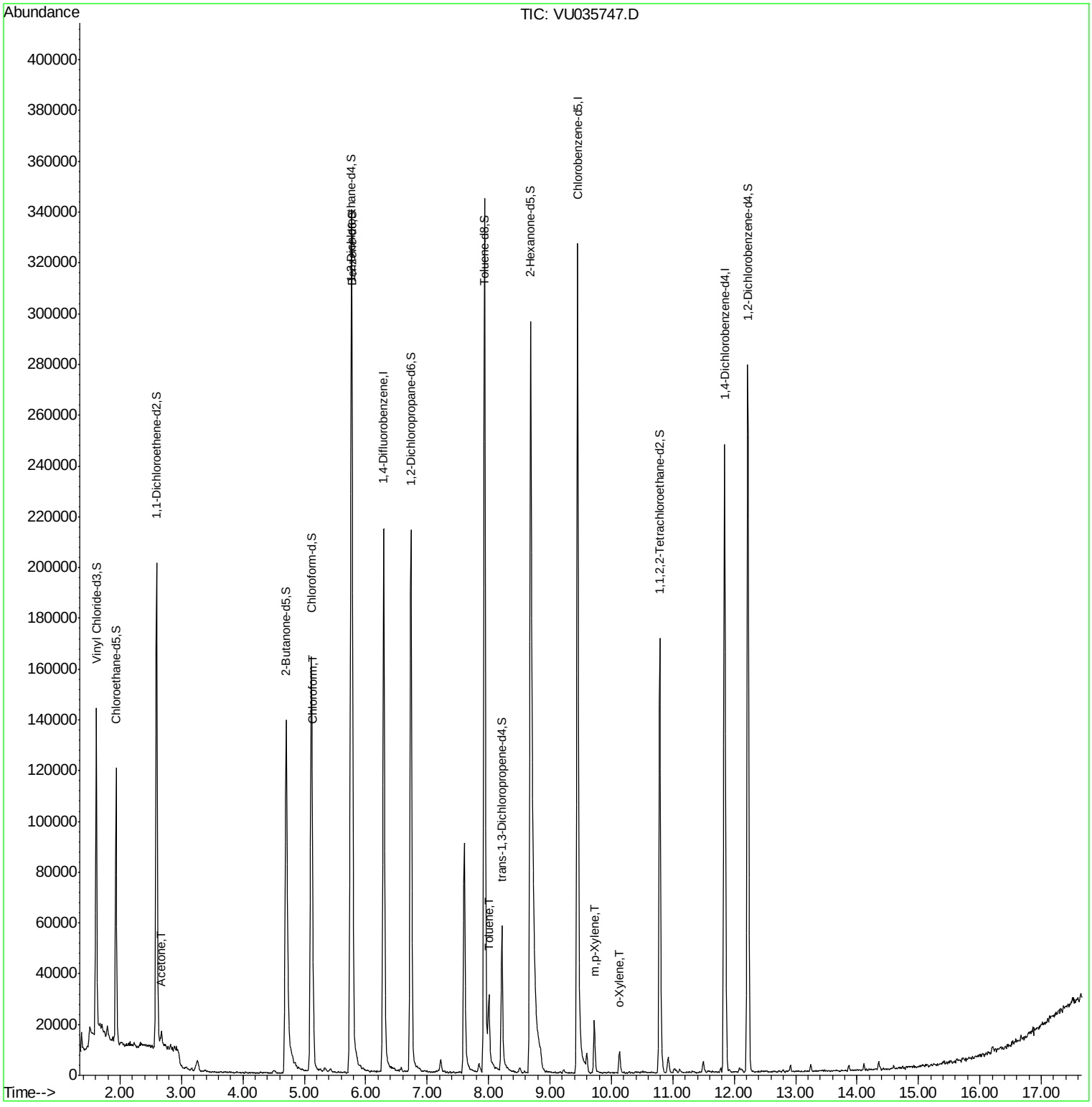
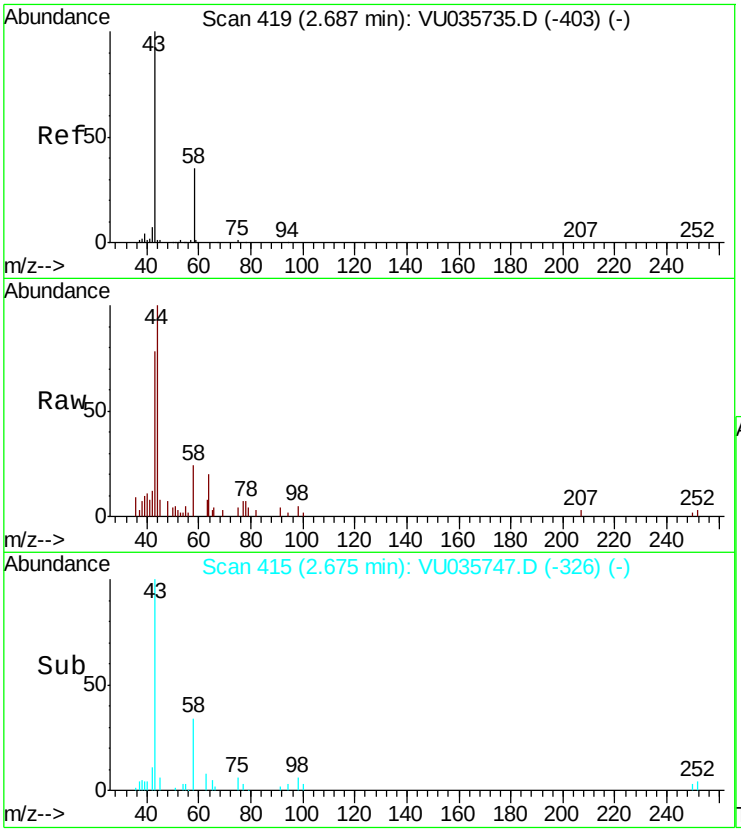


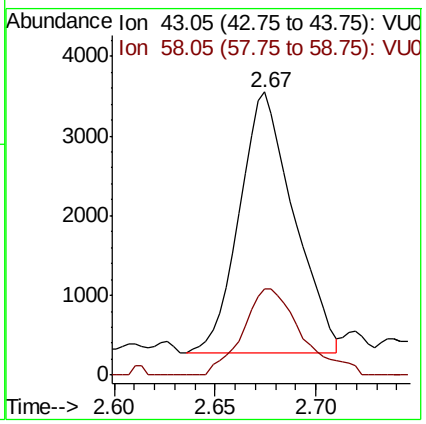


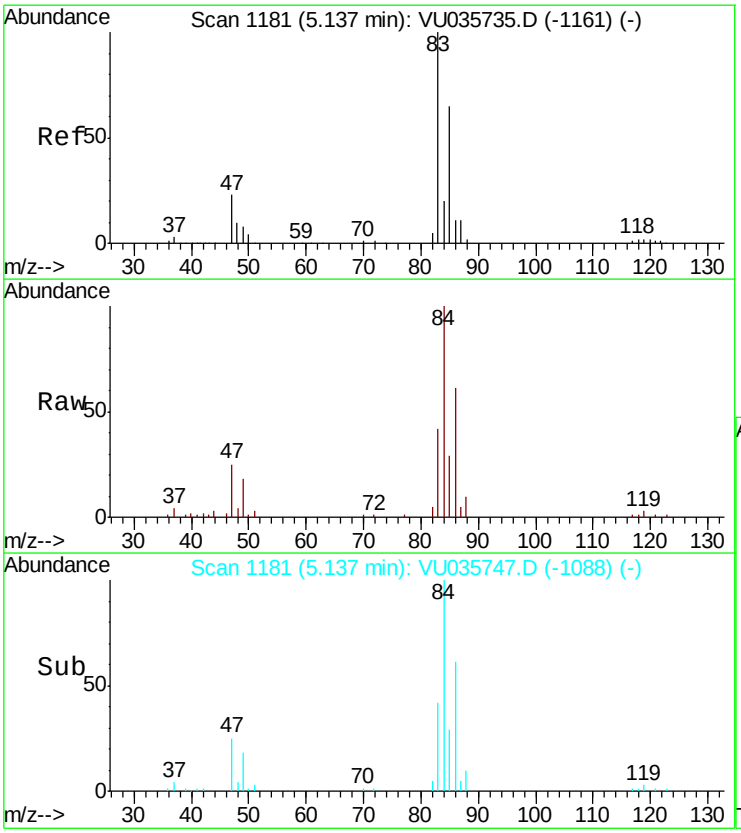
#13
Acetone
Concen: 1.983 ug/L
RT: 2.67 min Scan# 415
Delta R.T. -0.01 min
Lab File: VU035747.D
Acq: 18 Nov 2019 16:46

Instrument : MSVOA_U
ClientSampleId : GAQL4

Tgt Ion: 43 Resp: 6161

Ion	Ratio	Lower	Upper
43	100		
58	35.8	0.0	69.8

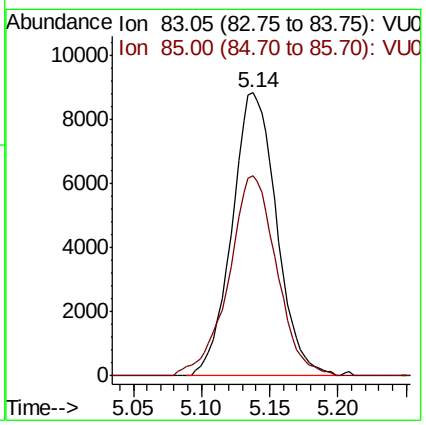


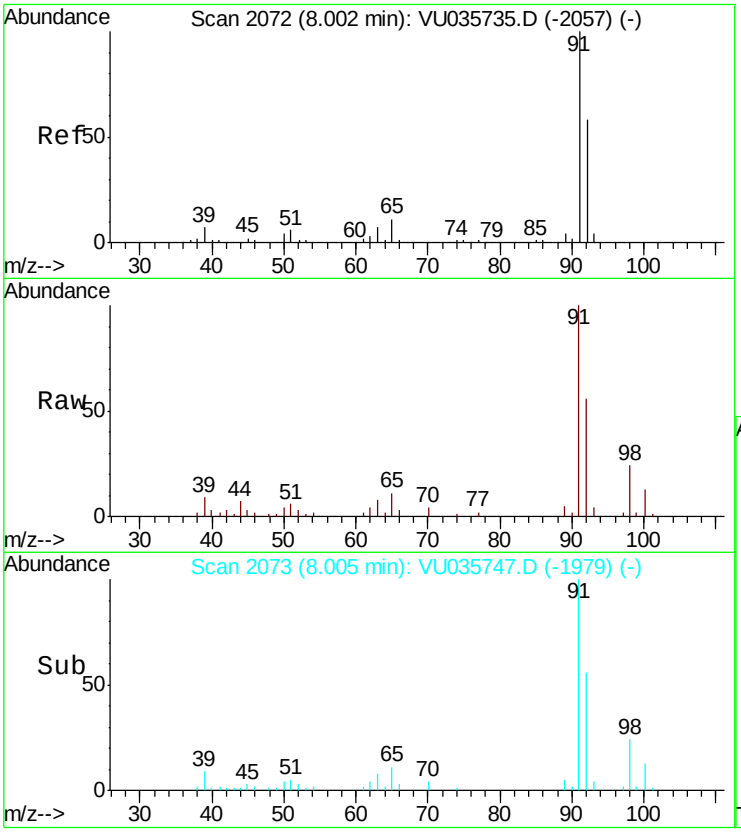


#25
Chloroform
Concen: 0.580 ug/L
RT: 5.14 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VU035747.D
Acq: 18 Nov 2019 16:46

Tgt Ion: 83 Resp: 20098

Ion	Ratio	Lower	Upper
83	100		
85	70.6	45.4	84.2



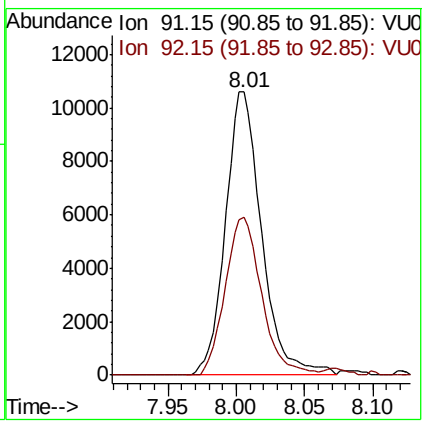


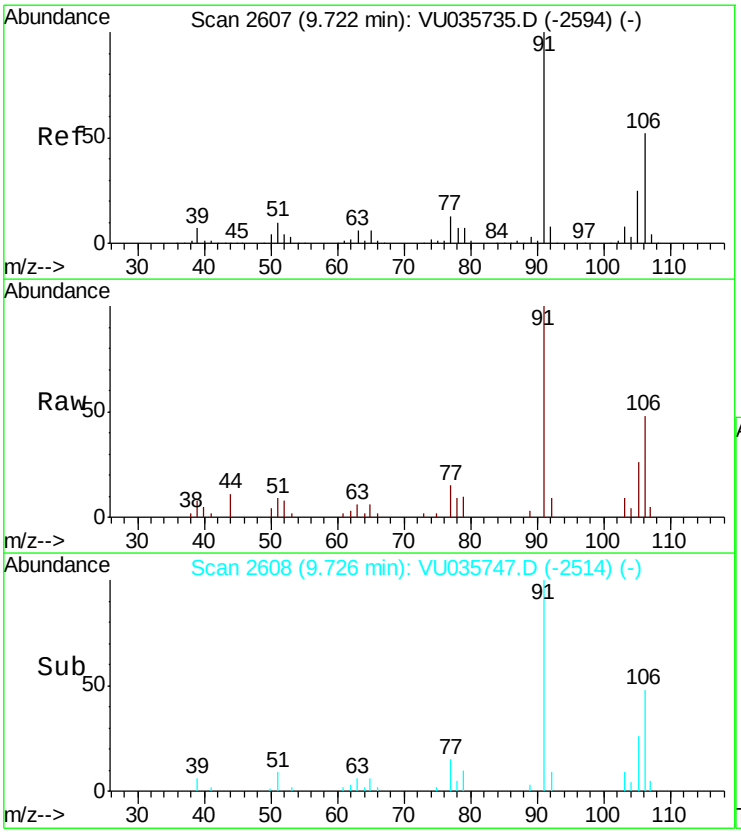
#42
Toluene
Concen: 0.241 ug/L
RT: 8.01 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VU035747.D
Acq: 18 Nov 2019 16:46

Instrument : MSVOA_U
ClientSampleId : GAQL4

Tgt Ion: 91 Resp: 19523

Ion	Ratio	Lower	Upper
91	100		
92	55.8	40.5	75.3

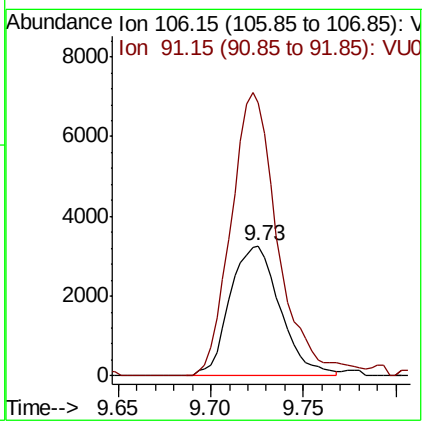


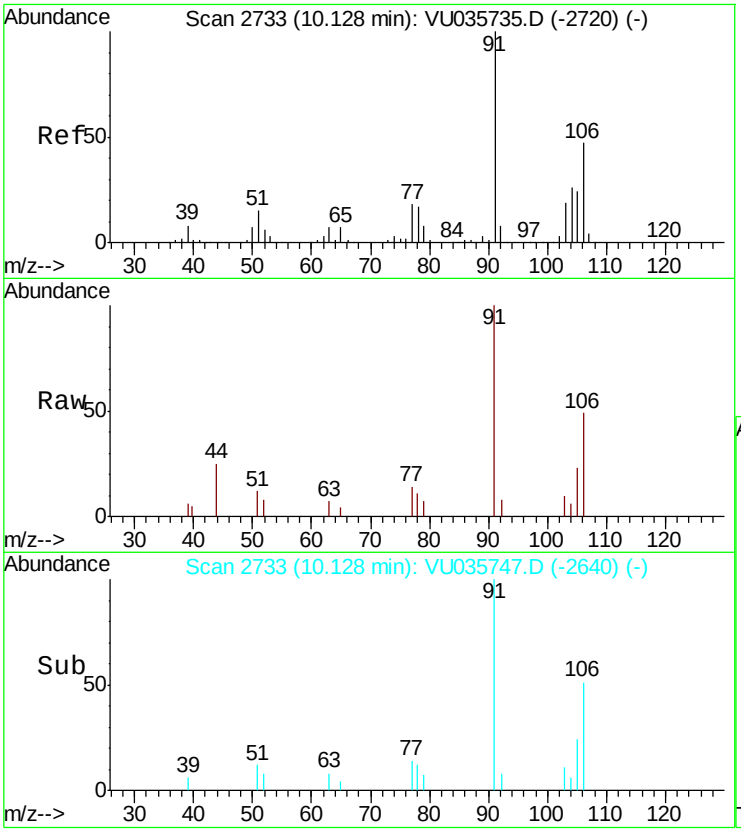


#53
m,p-Xylene
Concen: 0.189 ug/L
RT: 9.73 min Scan# 2608
Delta R.T. 0.00 min
Lab File: VU035747.D
Acq: 18 Nov 2019 16:46

Tgt Ion:106 Resp: 6126

Ion	Ratio	Lower	Upper
106	100		
91	210.5	139.4	259.0





#54
o-Xylene
Concen: 0.077 ug/L
RT: 10.13 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU035747.D
Acq: 18 Nov 2019 16:46

Instrument :
MSVOA_U
ClientSampleId :
GAQL4

Tgt Ion:106 Resp: 2400

Ion	Ratio	Lower	Upper
106	100		
91	203.2	147.7	274.3