Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021320\
Data File : VU036769.D
Acq On : 13 Feb 2020 14:04
Operator : JC/MD
Sample : L1487-17DL 4X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBCW6DL

Quant Time: Feb 14 01:08:17 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Feb 14 00:15:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	137242	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	128320	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	63542	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	48234	4.09	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 81.80%			
7) Chloroethane-d5	1.93	69	43812	4.28	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 85.60%			
11) 1,1-Dichloroethene-d2	2.59	63	66370	3.37	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 67.40%			
20) 2-Butanone-d5	4.67	46	119805	48.40	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 96.80%			
24) Chloroform-d	5.11	84	79911	4.39	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.80%			
26) 1,2-Dichloroethane-d4	5.74	65	47526	4.56	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.20%			
32) Benzene-d6	5.76	84	180044	4.61	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.20%			
36) 1,2-Dichloropropane-d6	6.73	67	57669	4.66	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 93.20%			
41) Toluene-d8	7.92	98	166100	4.57	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.40%			
43) trans-1,3-Dichloropropene-	8.20	79	21205	4.41	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 88.20%			
46) 2-Hexanone-d5	8.66	63	107796	49.05	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 98.10%			
57) 1,1,2,2-Tetrachloroethane-	10.78	84	43547	4.46	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 89.20%			
64) 1,2-Dichlorobenzene-d4	12.21	152	56851	4.48	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 89.60%			
Target Compounds						Qvalue
33) Benzene	5.81	78	55589	1.404	ug/L	100
42) Toluene	8.00	91	81086	1.908	ug/L	98
52) Ethylbenzene	9.59	91	167597	3.530	ug/L	99
53) m,p-Xylene	9.71	106	82303	4.710	ug/L	97
54) o-Xylene	10.12	106	48373	2.819	ug/L	97
55) Styrene	10.13	104	23135	0.800	ug/L	89
56) Isopropylbenzene	10.50	105	21311	0.464	ug/L	97

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

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ClientSampleId :
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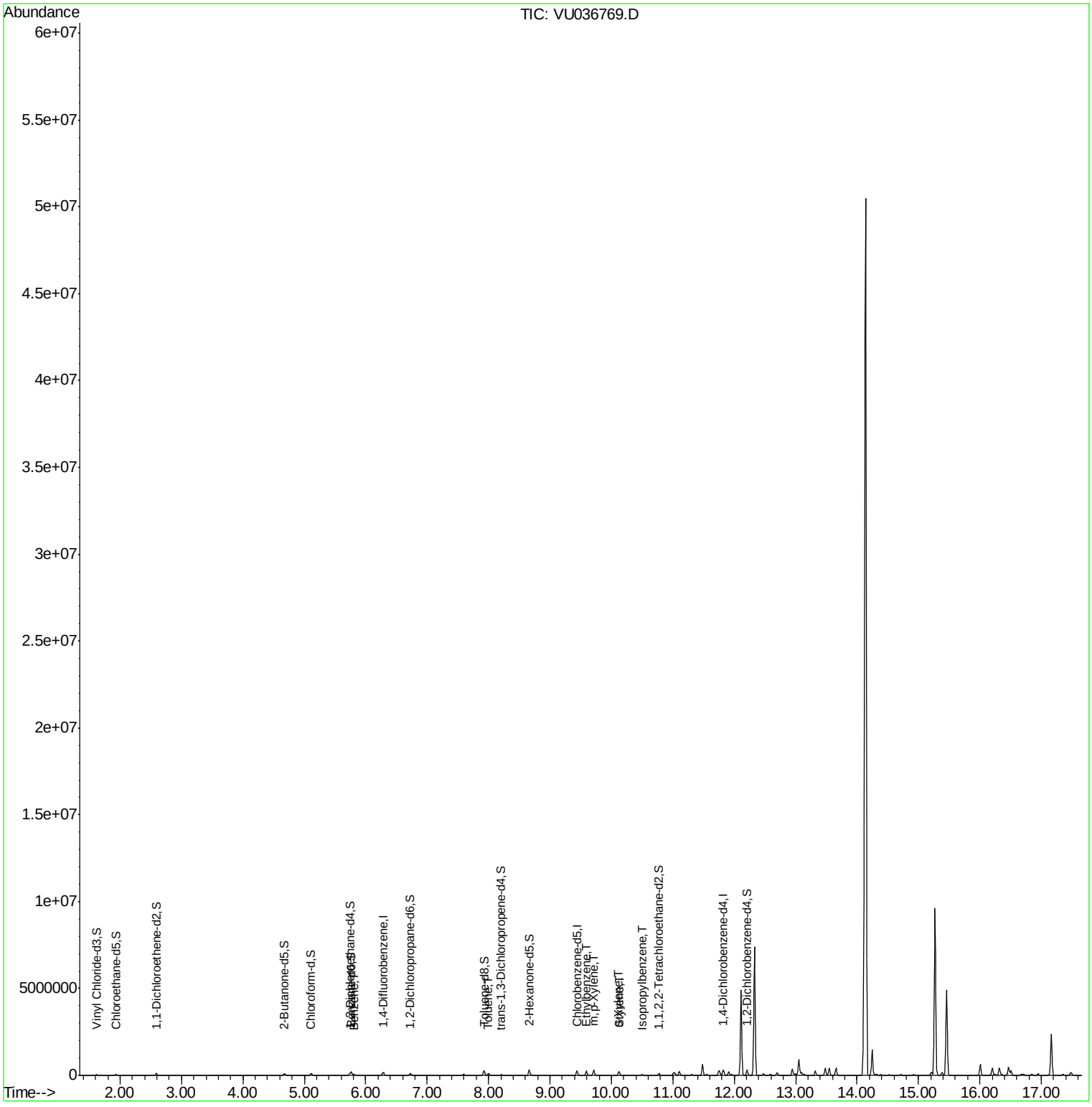
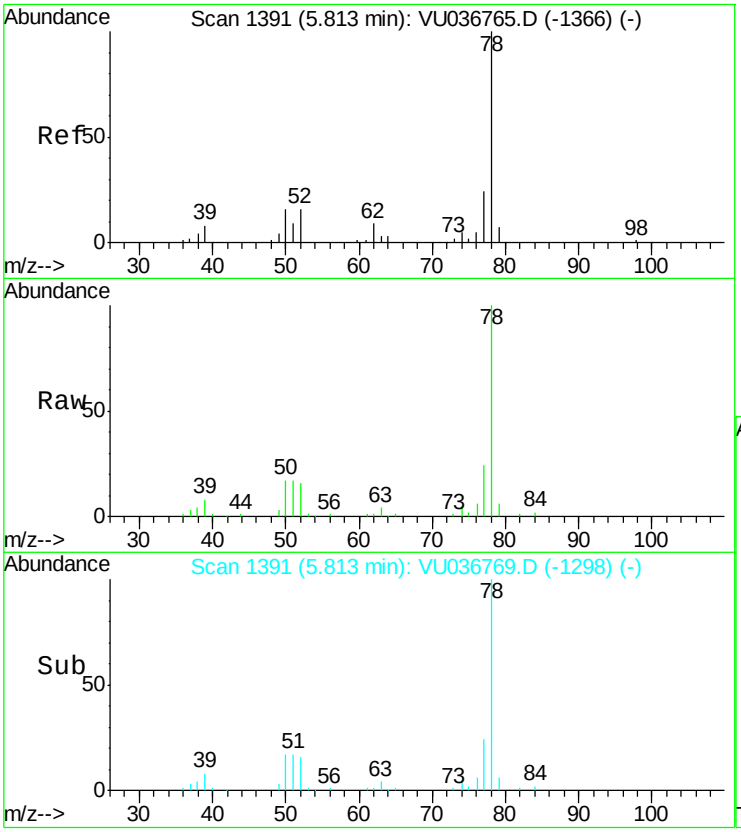
Quant Time: Feb 14 01:08:17 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Feb 14 00:15:45 2020
Response via : Initial Calibration

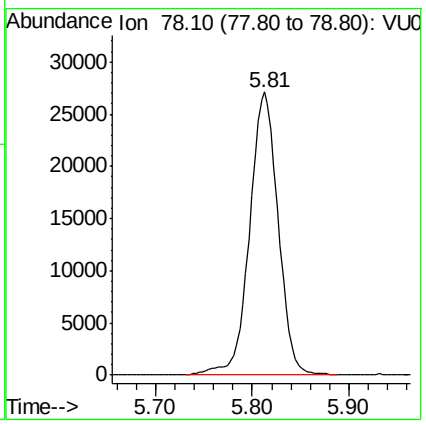


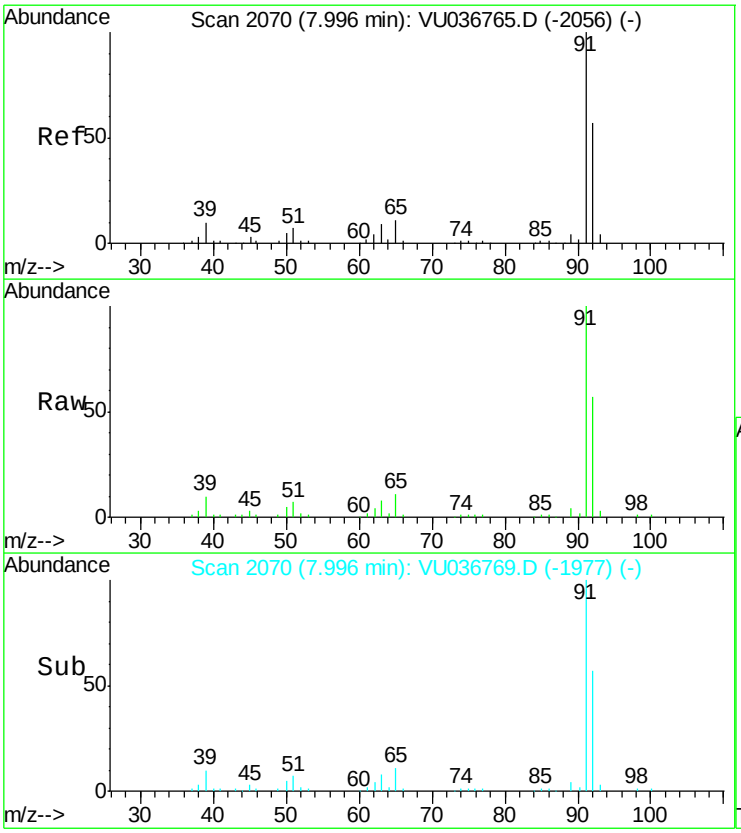


#33
Benzene
Concen: 1.404 ug/L
RT: 5.81 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VU036769.D
Acq: 13 Feb 2020 14:04

Instrument :
MSVOA_U
ClientSampleId :
DBCW6DL

Tgt Ion: 78 Resp: 55589

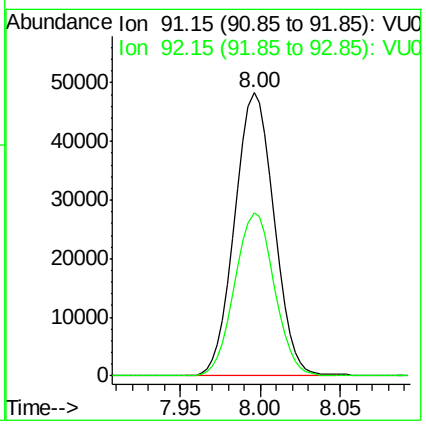


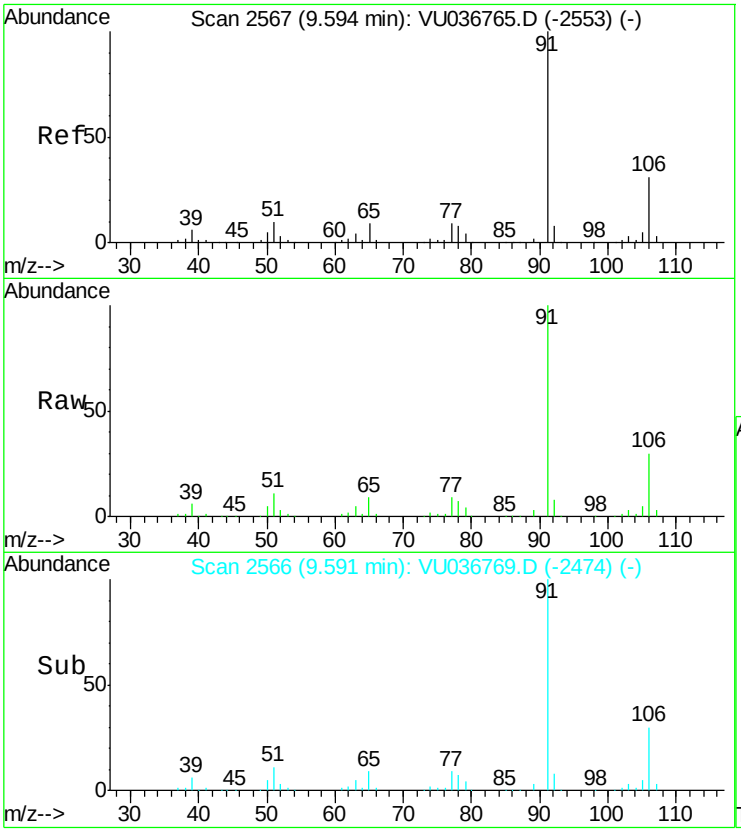


#42
Toluene
Concen: 1.908 ug/L
RT: 8.00 min Scan# 2070
Delta R.T. -0.00 min
Lab File: VU036769.D
Acq: 13 Feb 2020 14:04

Tgt Ion: 91 Resp: 81086

Ion	Ratio	Lower	Upper
91	100		
92	57.5	41.2	76.4



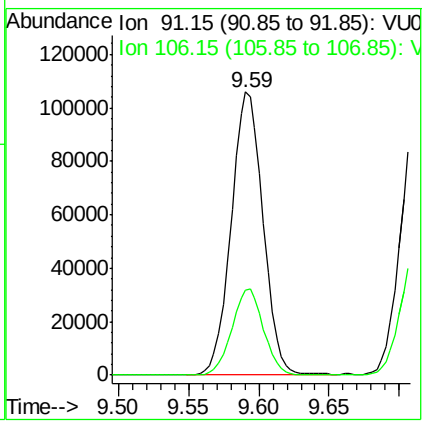


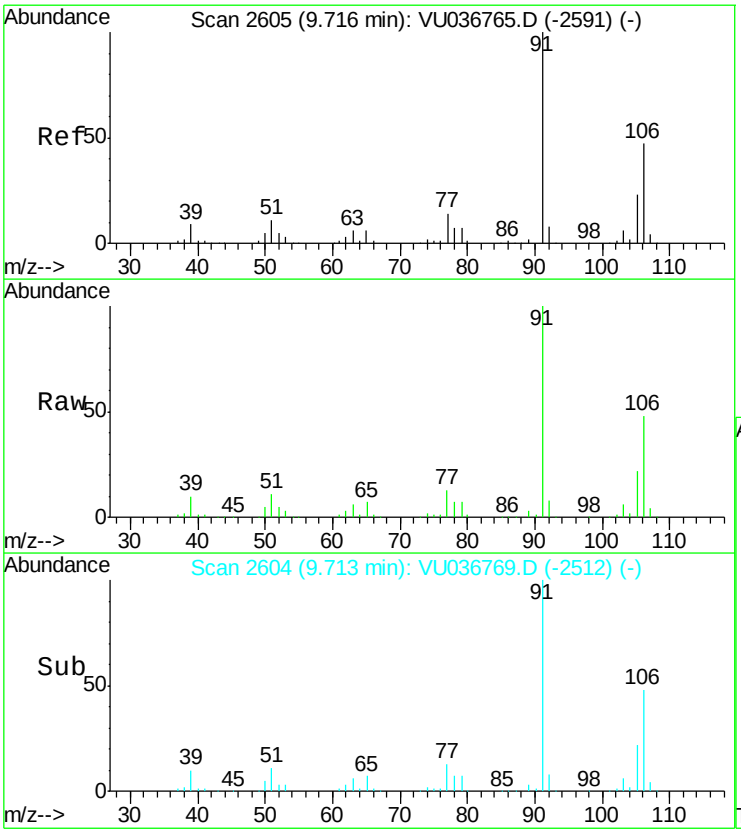
#52
Ethylbenzene
Concen: 3.530 ug/L
RT: 9.59 min Scan# 2566
Delta R.T. -0.00 min
Lab File: VU036769.D
Acq: 13 Feb 2020 14:04

Instrument : MSVOA_U
ClientSampleId : DBCW6DL

Tgt Ion: 91 Resp: 167597

Ion	Ratio	Lower	Upper
91	100		
106	30.2	21.5	39.9

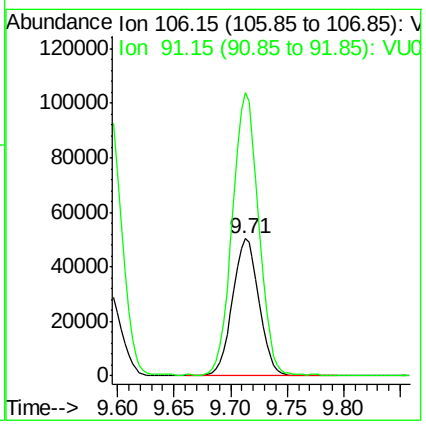


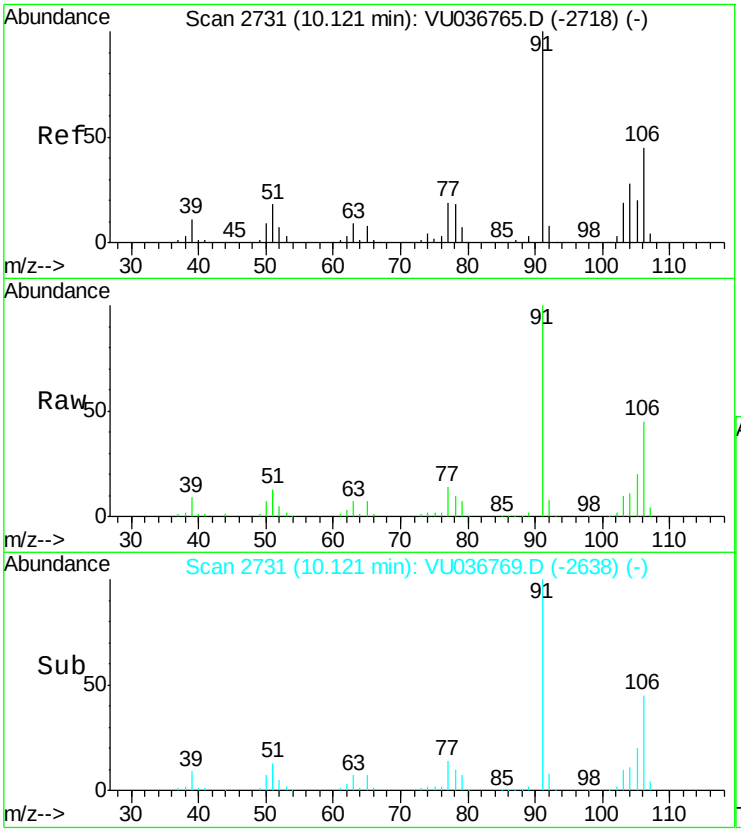


#53
m,p-Xylene
Concen: 4.710 ug/L
RT: 9.71 min Scan# 2604
Delta R.T. -0.00 min
Lab File: VU036769.D
Acq: 13 Feb 2020 14:04

Tgt Ion:106 Resp: 82303

Ion	Ratio	Lower	Upper
106	100		
91	206.4	141.1	262.0



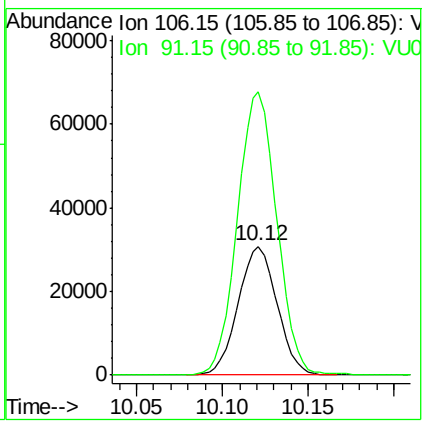


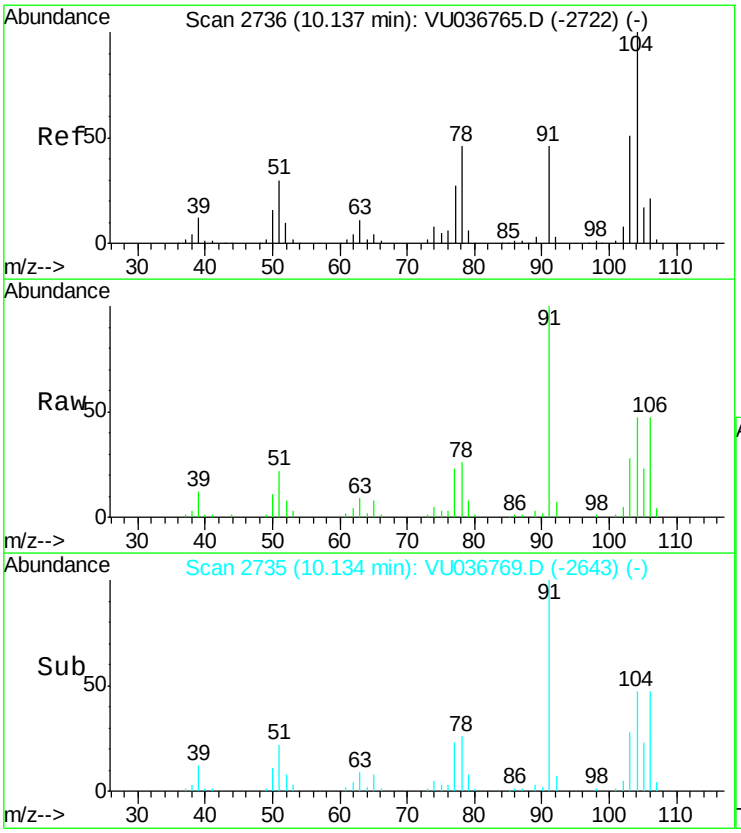
#54
o-Xylene
Concen: 2.819 ug/L
RT: 10.12 min Scan# 2731
Delta R.T. -0.00 min
Lab File: VU036769.D
Acq: 13 Feb 2020 14:04

Instrument : MSVOA_U
ClientSampleId : DBCW6DL

Tgt Ion:106 Resp: 48373

Ion	Ratio	Lower	Upper
106	100		
91	220.2	151.1	280.5

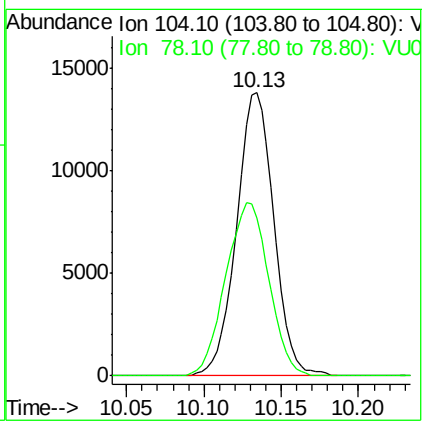


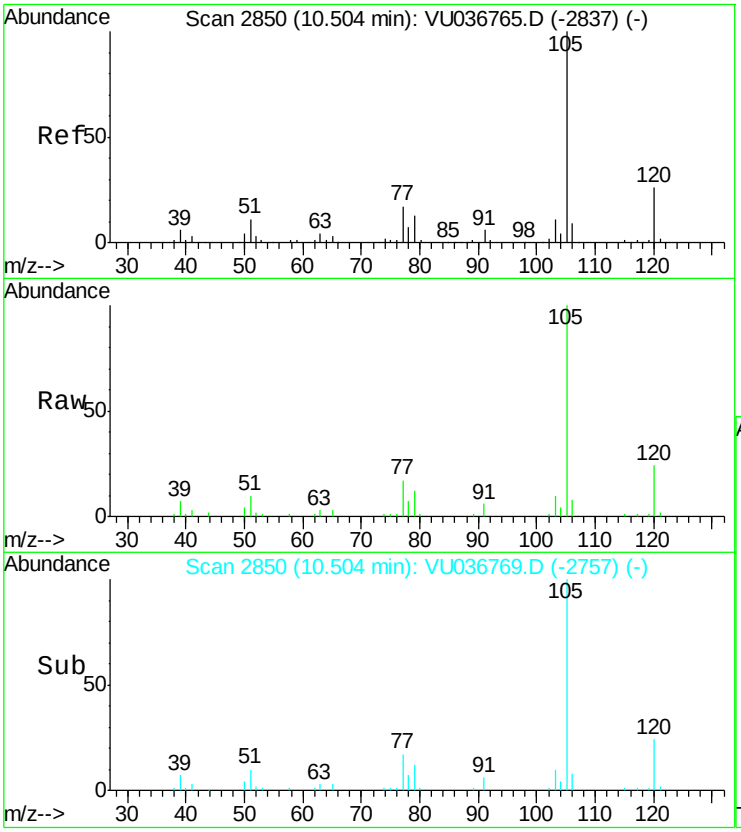


#55
Styrene
Concen: 0.800 ug/L
RT: 10.13 min Scan# 2735
Delta R.T. -0.00 min
Lab File: VU036769.D
Acq: 13 Feb 2020 14:04

Tgt Ion:104 Resp: 23135

Ion	Ratio	Lower	Upper
104	100		
78	55.6	33.5	62.3





#56
Isopropylbenzene
Concen: 0.464 ug/L
RT: 10.50 min Scan# 2850
Delta R.T. -0.00 min
Lab File: VU036769.D
Acq: 13 Feb 2020 14:04

Instrument :
MSVOA_U
ClientSampleId :
DBCW6DL

Tgt Ion:105 Resp: 21311

Ion	Ratio	Lower	Upper
105	100		
120	23.7	20.5	30.7
77	16.9	13.0	19.6