Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021220\
Data File : VU036761.D
Acq On : 12 Feb 2020 19:41
Operator : JC/MD
Sample : L1487-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBCW6

Quant Time: Feb 13 03:47:31 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Feb 13 00:59:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	126807	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	117083	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	58220	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	48501	4.45	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 89.00%			
7) Chloroethane-d5	1.93	69	43271	4.57	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 91.40%			
11) 1,1-Dichloroethene-d2	2.59	63	67361	3.70	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 74.00%			
20) 2-Butanone-d5	4.68	46	128294	56.10	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 112.20%			
24) Chloroform-d	5.11	84	83448	4.96	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.20%			
26) 1,2-Dichloroethane-d4	5.74	65	48644	5.05	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.00%			
32) Benzene-d6	5.76	84	184256	5.17	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.40%			
36) 1,2-Dichloropropane-d6	6.73	67	58389	5.17	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 103.40%			
41) Toluene-d8	7.93	98	166798	5.03	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.60%			
43) trans-1,3-Dichloropropene-	8.20	79	21600	4.92	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 98.40%			
46) 2-Hexanone-d5	8.66	63	111069	55.38	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 110.76%			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	44201	4.96	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 99.20%			
64) 1,2-Dichlorobenzene-d4	12.21	152	57891	4.98	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 99.60%			
Target Compounds						Qvalue
13) Acetone	2.67	43	6609	2.260	ug/L	97
33) Benzene	5.81	78	222824	6.170	ug/L	100
42) Toluene	8.00	91	330830	8.530	ug/L	98
52) Ethylbenzene	9.59	91	729431	16.838	ug/L	100
53) m,p-Xylene	9.71	106	347433	21.793	ug/L	94
54) o-Xylene	10.12	106	209076	13.355	ug/L	94
55) Styrene	10.13	104	99035	3.753	ug/L	87
56) Isopropylbenzene	10.50	105	91314	2.180	ug/L	99

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

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Instrument :
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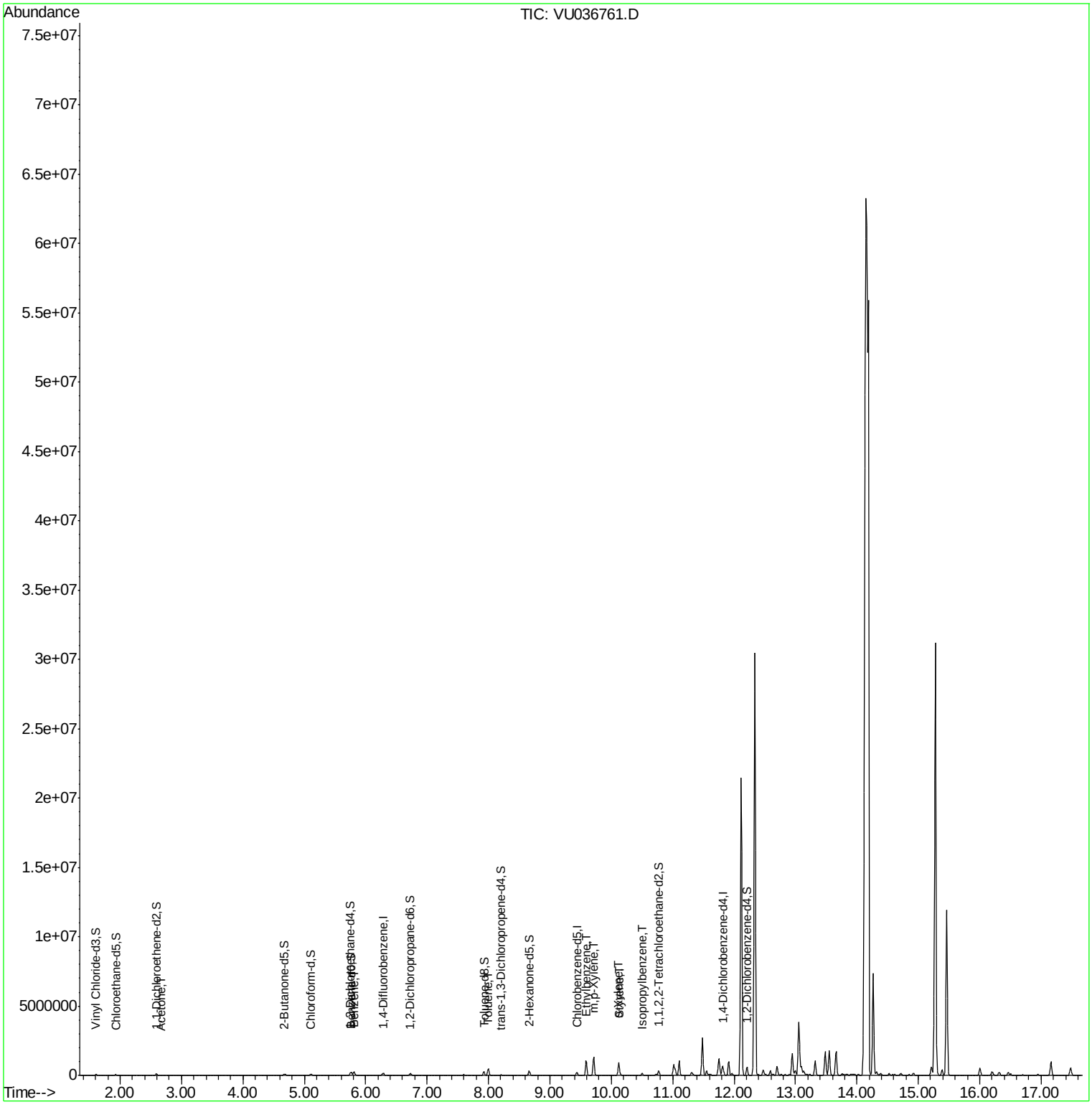
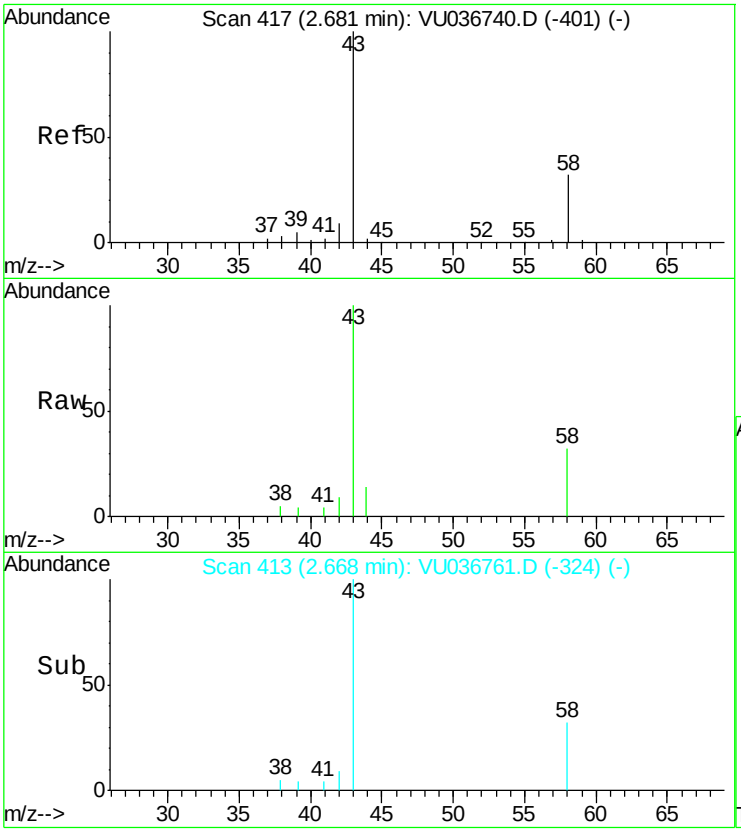
ClientSampleId :
DBCW6

Quant Time: Feb 13 03:47:31 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Feb 13 00:59:33 2020
Response via : Initial Calibration



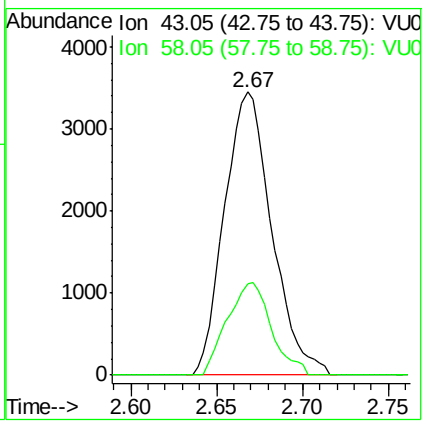


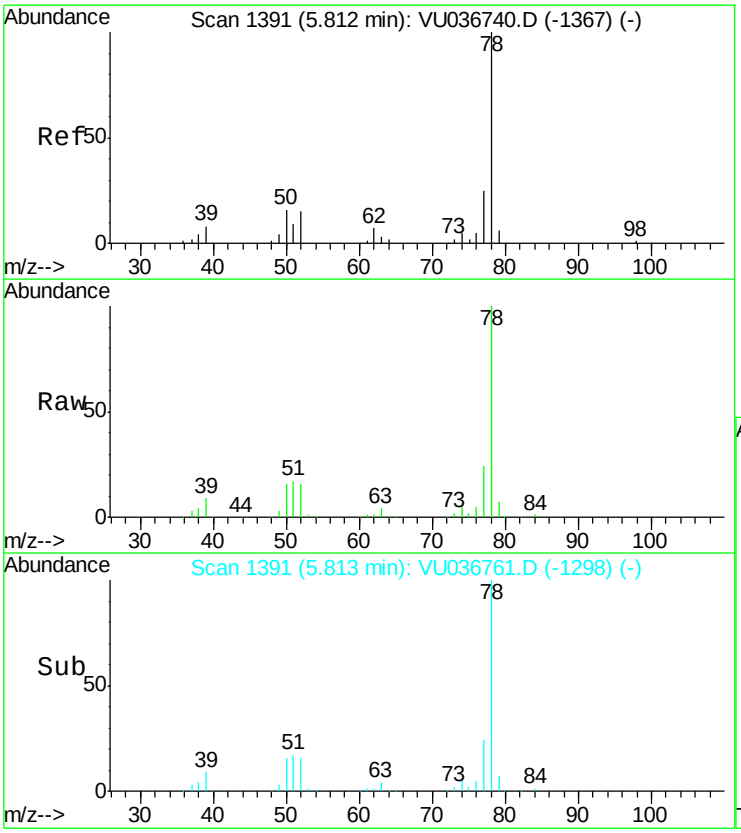
#13
Acetone
Concen: 2.260 ug/L
RT: 2.67 min Scan# 413
Delta R.T. -0.01 min
Lab File: VU036761.D
Acq: 12 Feb 2020 19:41

Instrument :
MSVOA_U
ClientSampleId :
DBCW6

Tgt Ion: 43 Resp: 6609

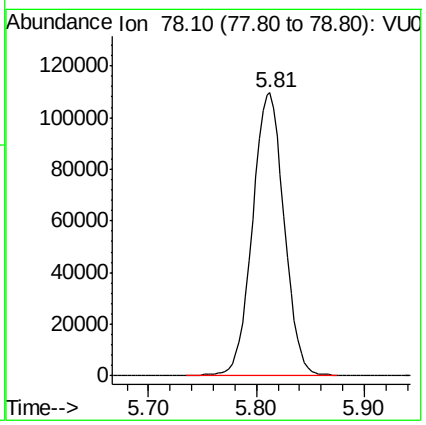
Ion	Ratio	Lower	Upper
43	100		
58	30.5	0.0	64.2

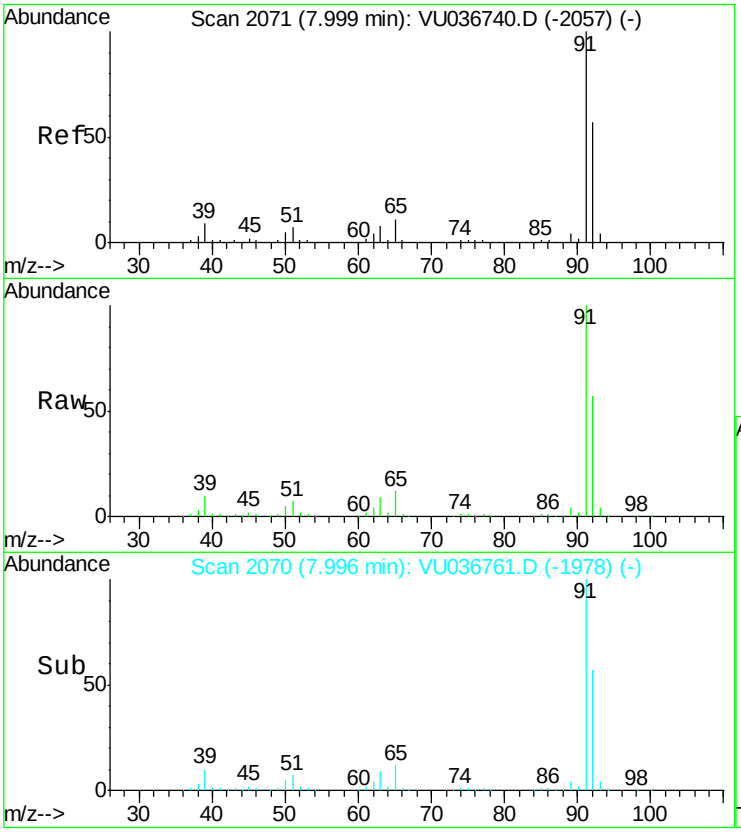




#33
Benzene
Concen: 6.170 ug/L
RT: 5.81 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VU036761.D
Acq: 12 Feb 2020 19:41

Tgt Ion: 78 Resp: 222824



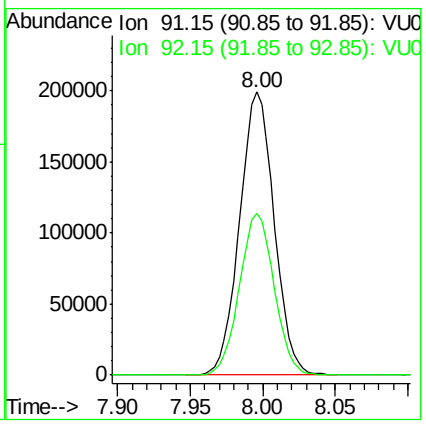


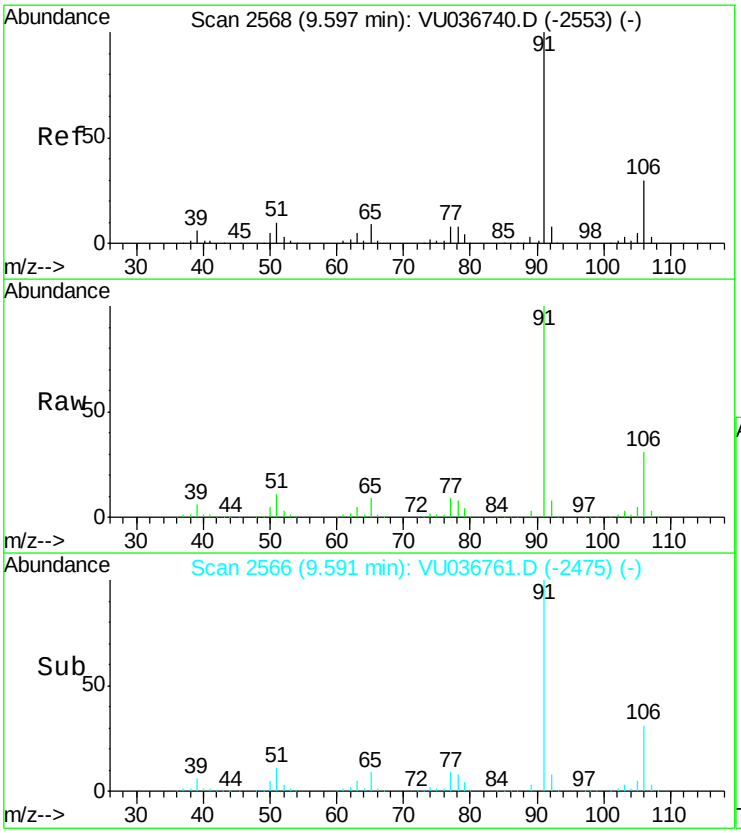
#42
Toluene
Concen: 8.530 ug/L
RT: 8.00 min Scan# 2070
Delta R.T. -0.00 min
Lab File: VU036761.D
Acq: 12 Feb 2020 19:41

Instrument : MSVOA_U
ClientSampleId : DBCW6

Tgt Ion: 91 Resp: 330830

Ion	Ratio	Lower	Upper
91	100		
92	57.3	41.2	76.4

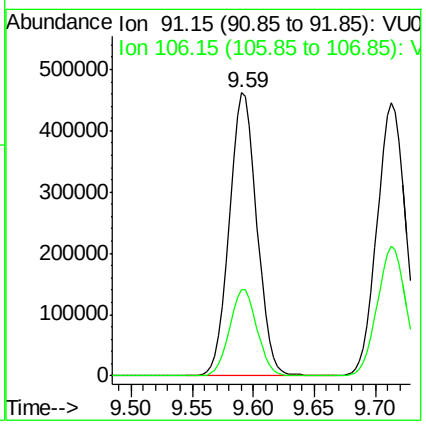


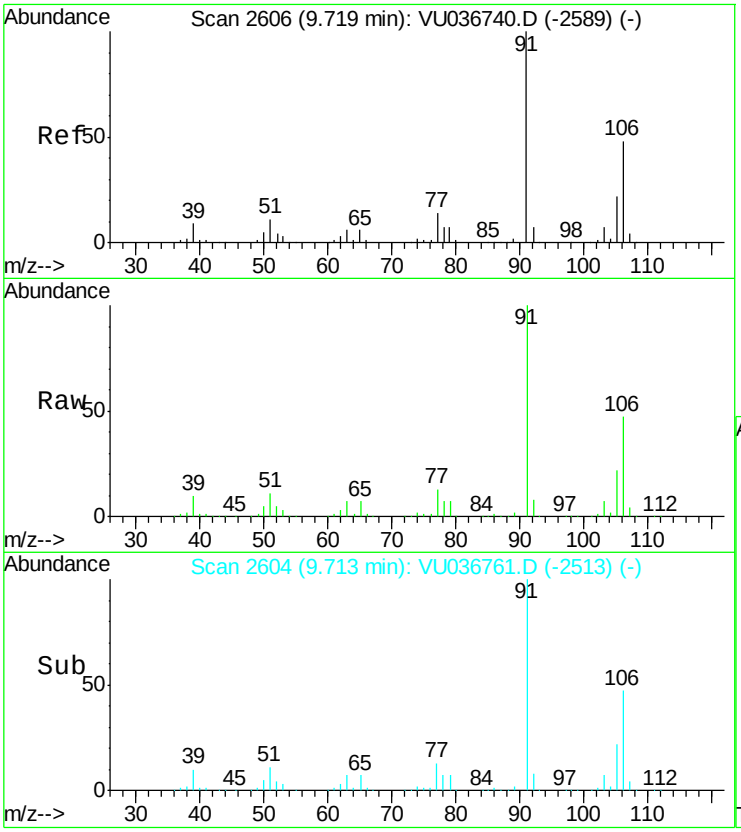


#52
Ethylbenzene
Concen: 16.838 ug/L
RT: 9.59 min Scan# 2566
Delta R.T. -0.01 min
Lab File: VU036761.D
Acq: 12 Feb 2020 19:41

Tgt Ion: 91 Resp: 729431

Ion	Ratio	Lower	Upper
91	100		
106	30.6	21.5	39.9



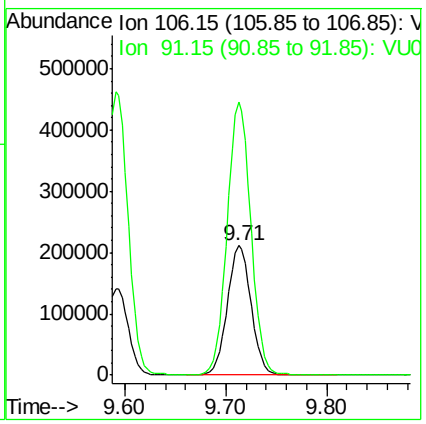


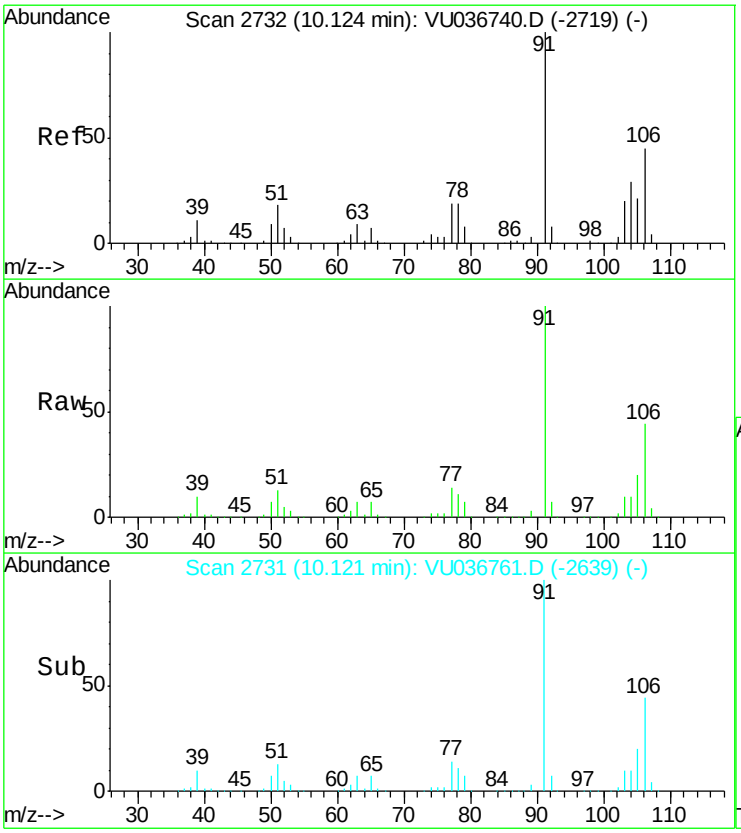
#53
m,p-Xylene
Concen: 21.793 ug/L
RT: 9.71 min Scan# 2604
Delta R.T. -0.01 min
Lab File: VU036761.D
Acq: 12 Feb 2020 19:41

Instrument :
MSVOA_U
ClientSampleId :
DBCW6

Tgt Ion:106 Resp: 347433

Ion	Ratio	Lower	Upper
106	100		
91	211.1	141.1	262.0

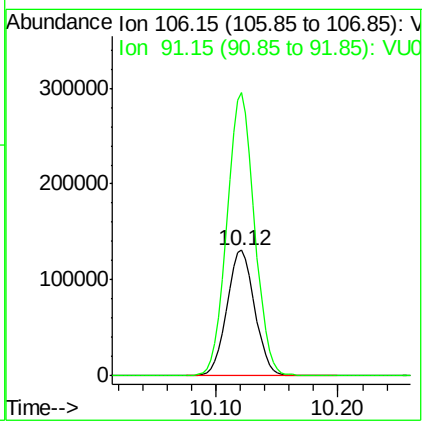


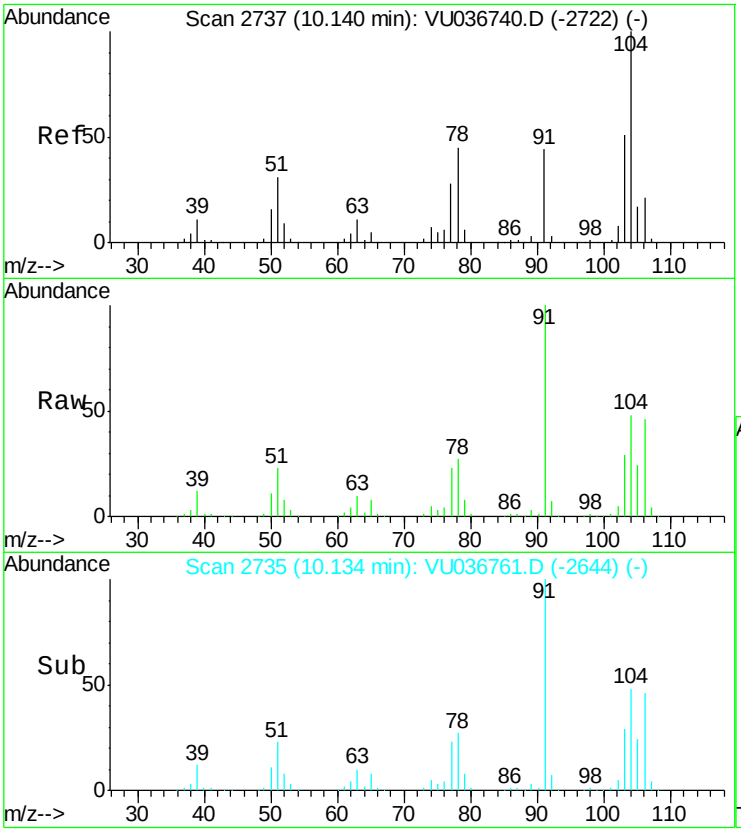


#54
o-Xylene
Concen: 13.355 ug/L
RT: 10.12 min Scan# 2731
Delta R.T. -0.00 min
Lab File: VU036761.D
Acq: 12 Feb 2020 19:41

Tgt Ion:106 Resp: 209076

Ion	Ratio	Lower	Upper
106	100		
91	225.4	151.1	280.5



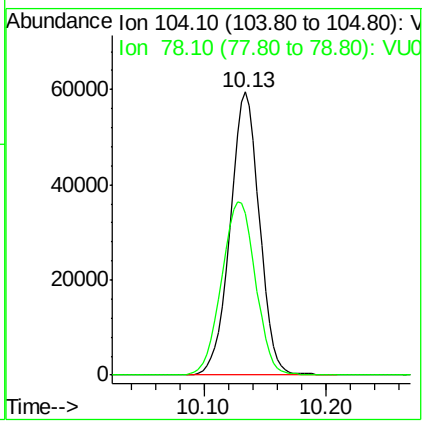


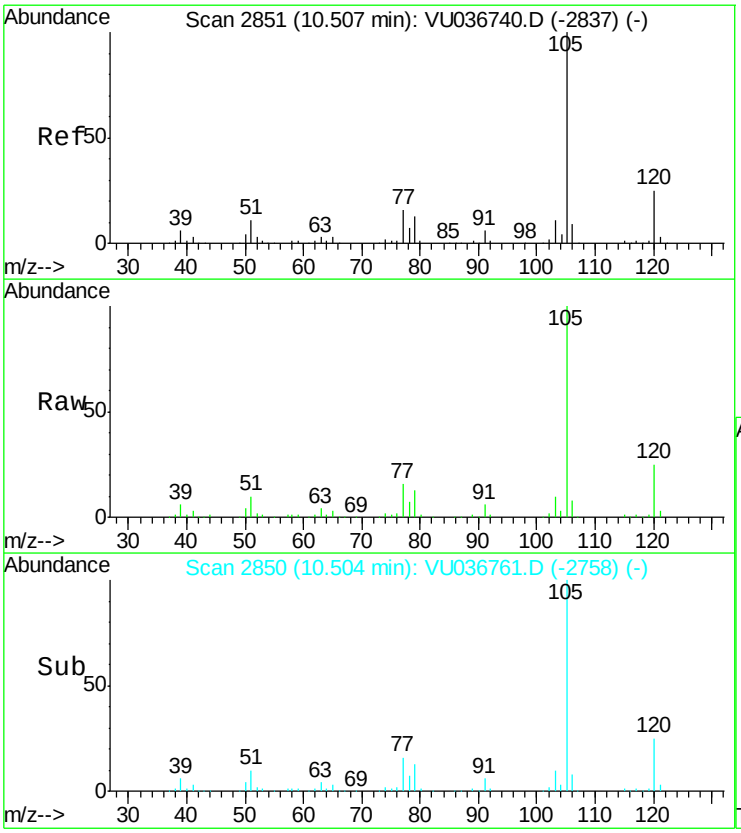
#55
Stvrene
Concen: 3.753 ug/L
RT: 10.13 min Scan# 2735
Delta R.T. -0.01 min
Lab File: VU036761.D
Acq: 12 Feb 2020 19:41

Instrument : MSVOA_U
ClientSampleId : DBCW6

Tgt Ion:104 Resp: 99035

Ion	Ratio	Lower	Upper
104	100		
78	57.0	33.5	62.3





#56
Isopropylbenzene
Concen: 2.180 ug/L
RT: 10.50 min Scan# 2850
Delta R.T. -0.00 min
Lab File: VU036761.D
Acq: 12 Feb 2020 19:41

Tgt Ion:105 Resp: 91314

Ion	Ratio	Lower	Upper
105	100		
120	25.9	20.5	30.7
77	17.0	13.0	19.6