Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061120\
Data File : VU038794.D
Acq On : 10 Jun 2020 22:36
Operator : SY/MD
Sample : L2915-03 100X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9E06

Quant Time: Jun 11 05:15:49 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jun 11 03:42:48 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	565714	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	550042	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	258065	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	182293	57.68	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 115.36%			
7) Chloroethane-d5	1.93	69	147953	60.34	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 120.68%			
11) 1,1-Dichloroethene-d2	2.59	63	285533	41.45	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 82.90%			
21) 2-Butanone-d5	4.66	46	351737	114.39	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 114.39%			
24) Chloroform-d	5.10	84	366801	53.83	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 107.66%			
26) 1,2-Dichloroethane-d4	5.74	65	253369	56.10	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 112.20%			
32) Benzene-d6	5.76	84	746663	56.35	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 112.70%			
36) 1,2-Dichloropropane-d6	6.72	67	226411	55.45	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 110.90%			
41) Toluene-d8	7.92	98	640066	53.46	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 106.92%			
43) trans-1,3-Dichloropropene-	8.20	79	106856	51.98	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 103.96%			
47) 2-Hexanone-d5	8.65	63	252482	116.16	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 116.16%			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	325069	53.37	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 106.74%			
64) 1,2-Dichlorobenzene-d4	12.20	152	259465	57.91	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 115.82%			
Target Compounds						Qvalue
29) Cyclohexane	5.42	56	13072	2.077	ug/L	97
33) Benzene	5.81	78	3882821	237.717	ug/L	100
42) Toluene	7.99	91	217323	12.725	ug/L	100
52) Ethylbenzene	9.59	91	386995	20.532	ug/L	99
53) m,p-Xylene	9.71	106	17349	2.398	ug/L	89
54) o-xylene	10.11	106	27405	3.902	ug/L	94

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

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MSVOA_U
ClientSampleId :
F9E06

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Quant Title : VOC Analysis
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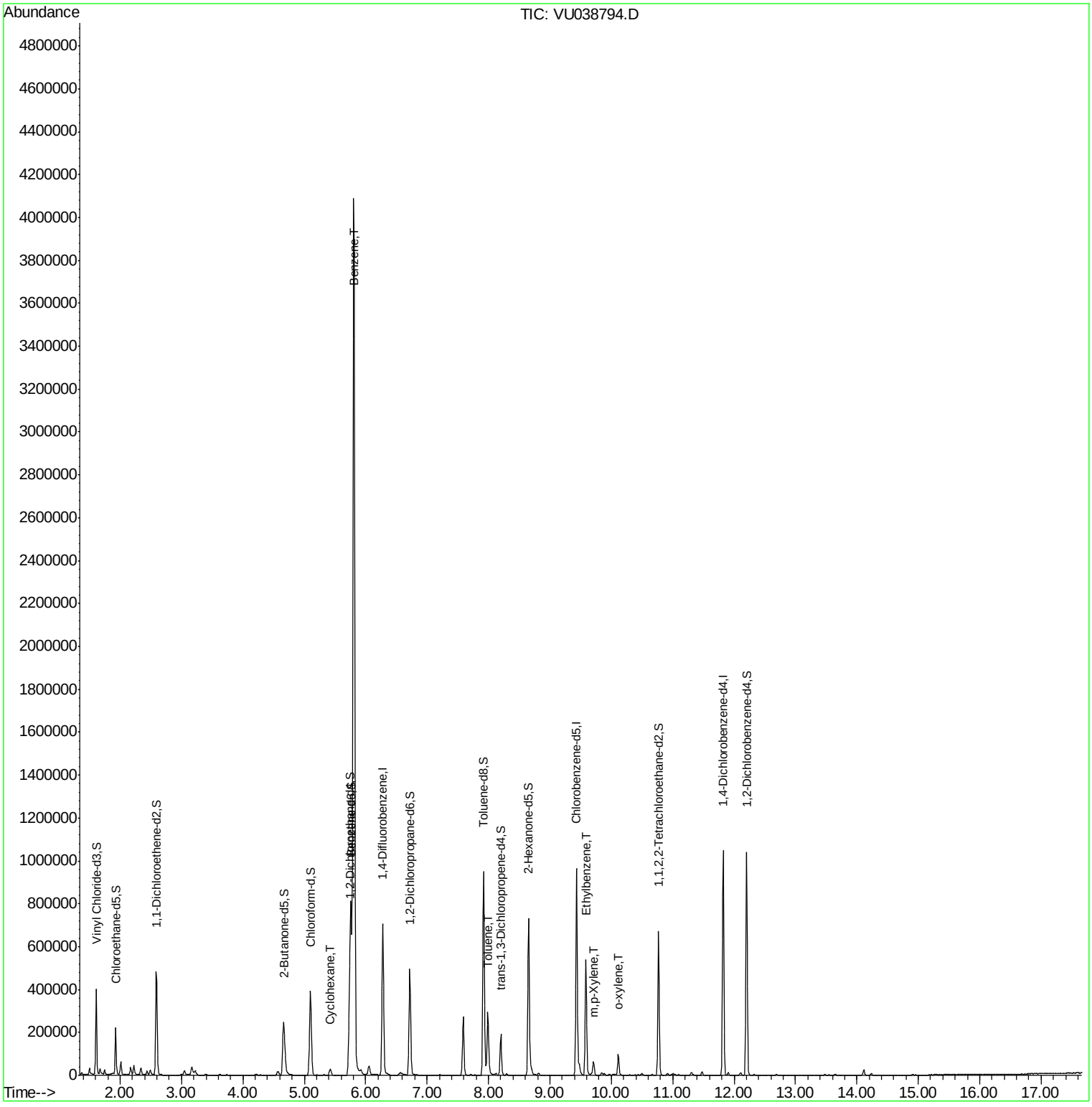
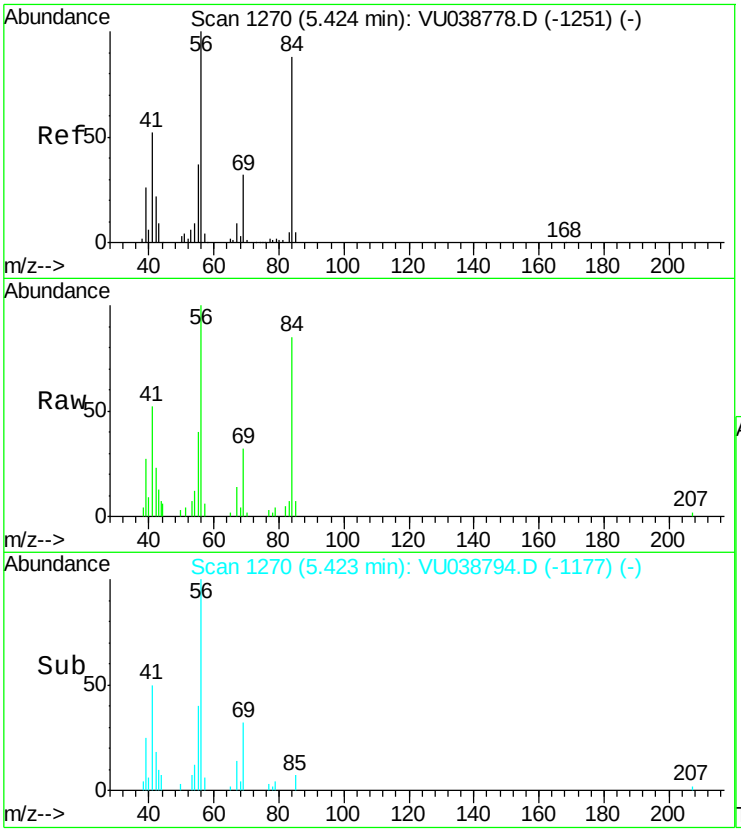


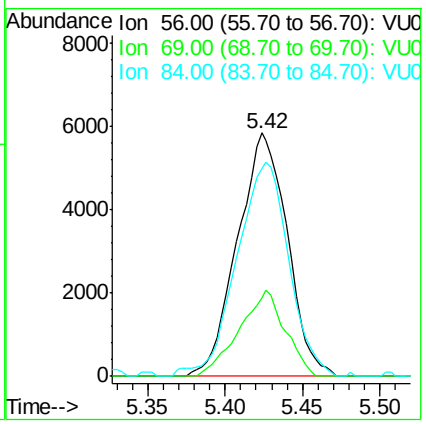


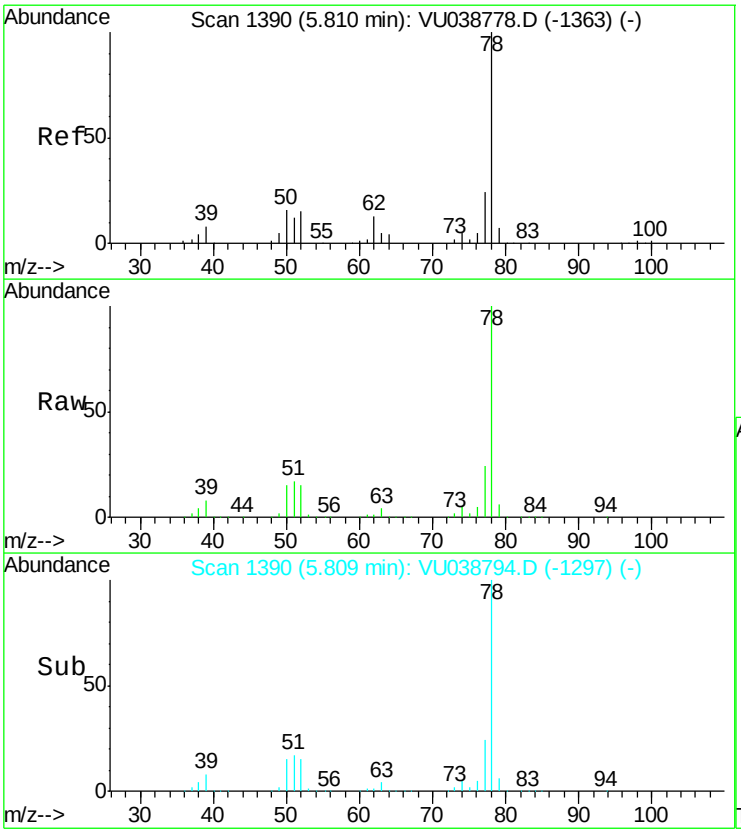
#29
Cyclohexane
Concen: 2.077 ug/L
RT: 5.42 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VU038794.D
Acq: 10 Jun 2020 22:36

Instrument : MSVOA_U
ClientSampleId : F9E06

Tgt Ion: 56 Resp: 13072

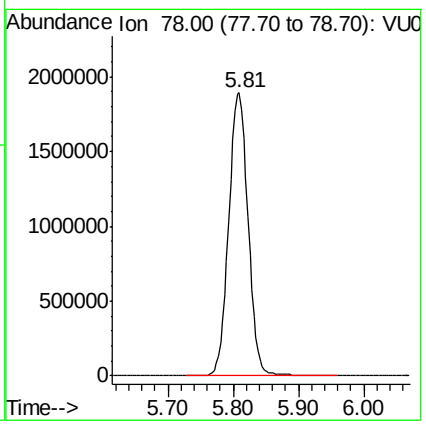
Ion	Ratio	Lower	Upper
56	100		
69	32.6	25.1	37.7
84	90.6	70.5	105.7

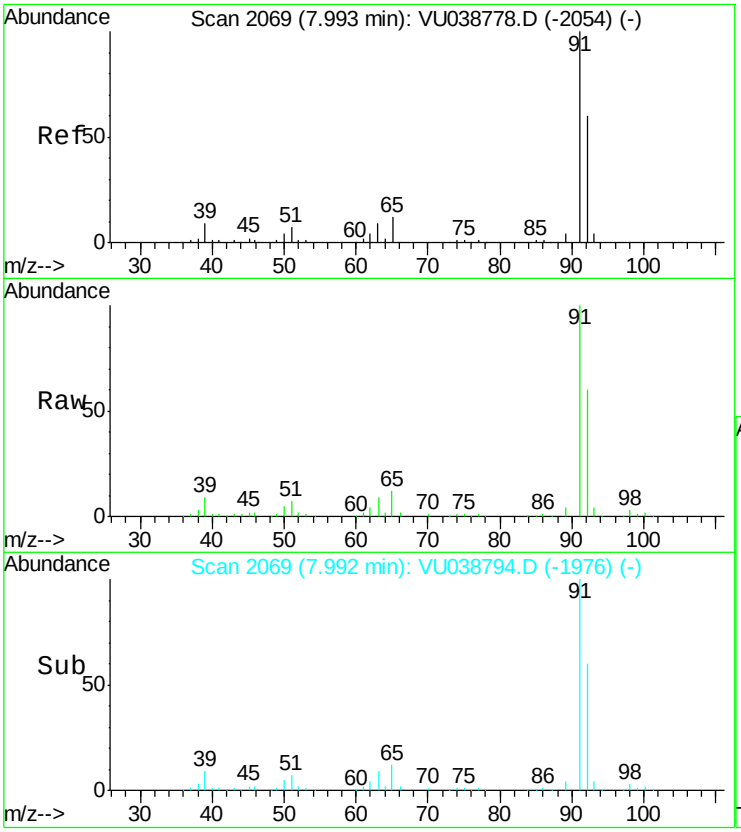




#33
Benzene
Concen: 237.717 ug/L
RT: 5.81 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VU038794.D
Acq: 10 Jun 2020 22:36

Tgt Ion: 78 Resp: 3882821



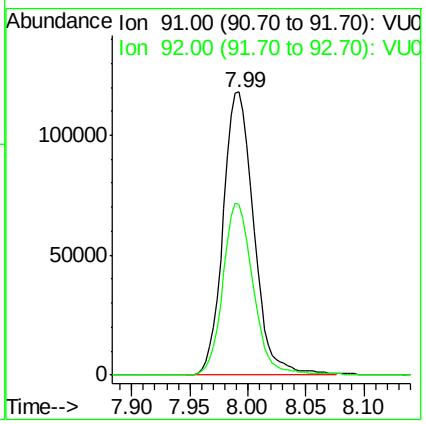


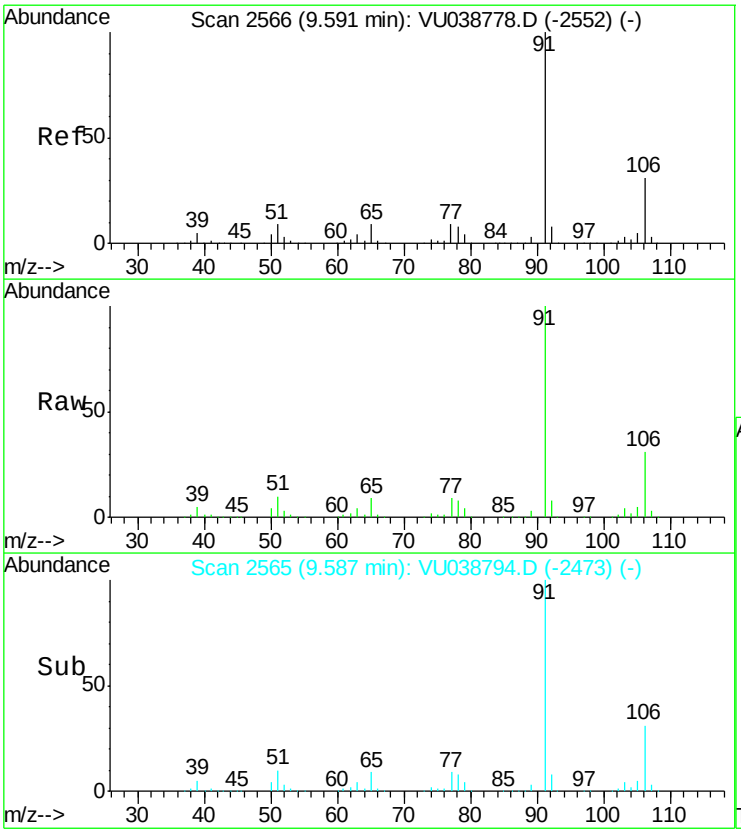
#42
Toluene
Concen: 12.725 ug/L
RT: 7.99 min Scan# 2069
Delta R.T. -0.00 min
Lab File: VU038794.D
Acq: 10 Jun 2020 22:36

Instrument : MSVOA_U
ClientSampleId : F9E06

Tgt Ion: 91 Resp: 217323

Ion	Ratio	Lower	Upper
91	100		
92	60.1	42.2	78.4

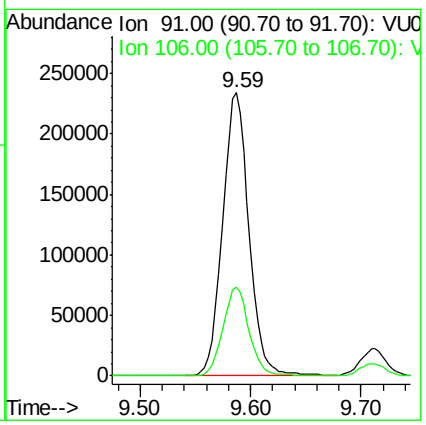


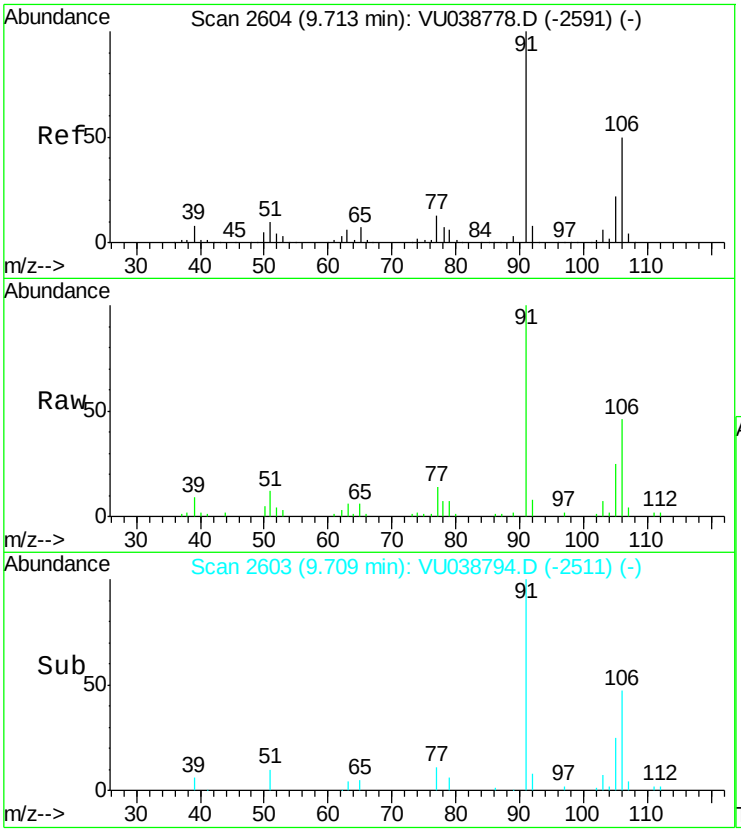


#52
Ethylbenzene
Concen: 20.532 ug/L
RT: 9.59 min Scan# 2565
Delta R.T. -0.00 min
Lab File: VU038794.D
Acq: 10 Jun 2020 22:36

Tgt Ion: 91 Resp: 386995

Ion	Ratio	Lower	Upper
91	100		
106	31.4	21.5	39.9



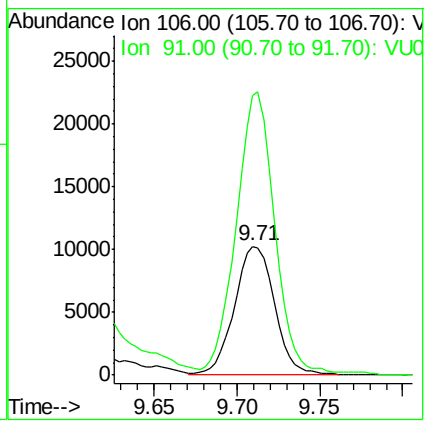


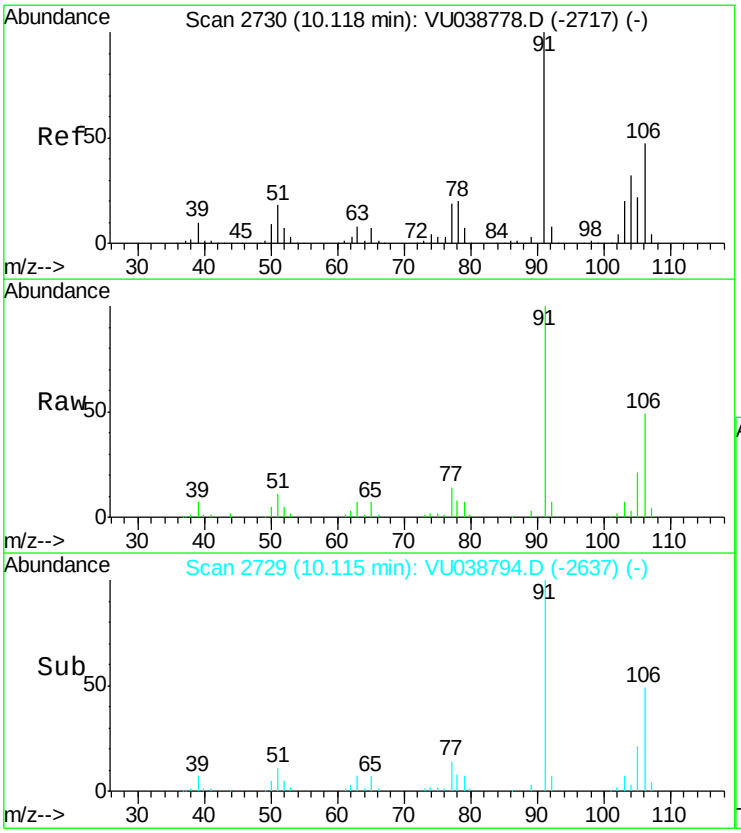
#53
m,p-Xylene
Concen: 2.398 ug/L
RT: 9.71 min Scan# 2603
Delta R.T. -0.00 min
Lab File: VU038794.D
Acq: 10 Jun 2020 22:36

Instrument : MSVOA_U
ClientSampleId : F9E06

Tgt Ion:106 Resp: 17349

Ion	Ratio	Lower	Upper
106	100		
91	216.5	140.1	260.3





#54
o-xylene
Concen: 3.902 ug/L
RT: 10.11 min Scan# 2729
Delta R.T. -0.00 min
Lab File: VU038794.D
Acq: 10 Jun 2020 22:36

Tgt Ion:106 Resp: 27405

Ion	Ratio	Lower	Upper
106	100		
91	205.9	151.2	280.8