Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122018\
Data File : VU028848.D
Acq On : 21 Dec 2018 00:44
Operator : MD/SY
Sample : J6513-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9F55

Quant Time: Dec 21 07:13:06 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 21 05:57:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	211233	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	201783	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	92416	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	72191	42.63	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 85.26%			
7) Chloroethane-d5	1.67	69	68701	52.52	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 105.04%			
11) 1,1-Dichloroethene-d2	2.27	63	87365	30.68	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 61.36%			
21) 2-Butanone-d5	4.17	46	140532	118.45	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 118.45%			
24) Chloroform-d	4.65	84	103476	38.86	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 77.72%			
26) 1,2-Dichloroethane-d4	5.31	65	73176	44.58	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.16%			
32) Benzene-d6	5.34	84	256593	45.01	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.02%			
36) 1,2-Dichloropropane-d6	6.33	67	89993	46.47	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 92.94%			
41) Toluene-d8	7.57	98	244213	47.27	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.54%			
43) trans-1,3-Dichloropropene-	7.85	79	43352	49.96	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 99.92%			
47) 2-Hexanone-d5	8.31	63	120169	130.65	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 130.65%#			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	133752	49.78	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 99.56%			
64) 1,2-Dichlorobenzene-d4	11.86	152	88338	47.26	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.52%			
Target Compounds						Qvalue
29) Cyclohexane	5.00	56	1771311	659.553	ug/L	99
33) Benzene	5.40	78	16395262	2552.193	ug/L	100
35) Methylcyclohexane	6.41	83	906929	351.103	ug/L	96
42) Toluene	7.64	91	8418430	1292.760	ug/L	98
52) Ethylbenzene	9.25	91	8930515	1276.301	ug/L	97
53) m,p-Xylene	9.39	106	7156775	2765.930	ug/L	91
54) o-xylene	9.78	106	1511179	582.721	ug/L	99
56) Isopropylbenzene	10.16	105	395159	60.067	ug/L	99

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

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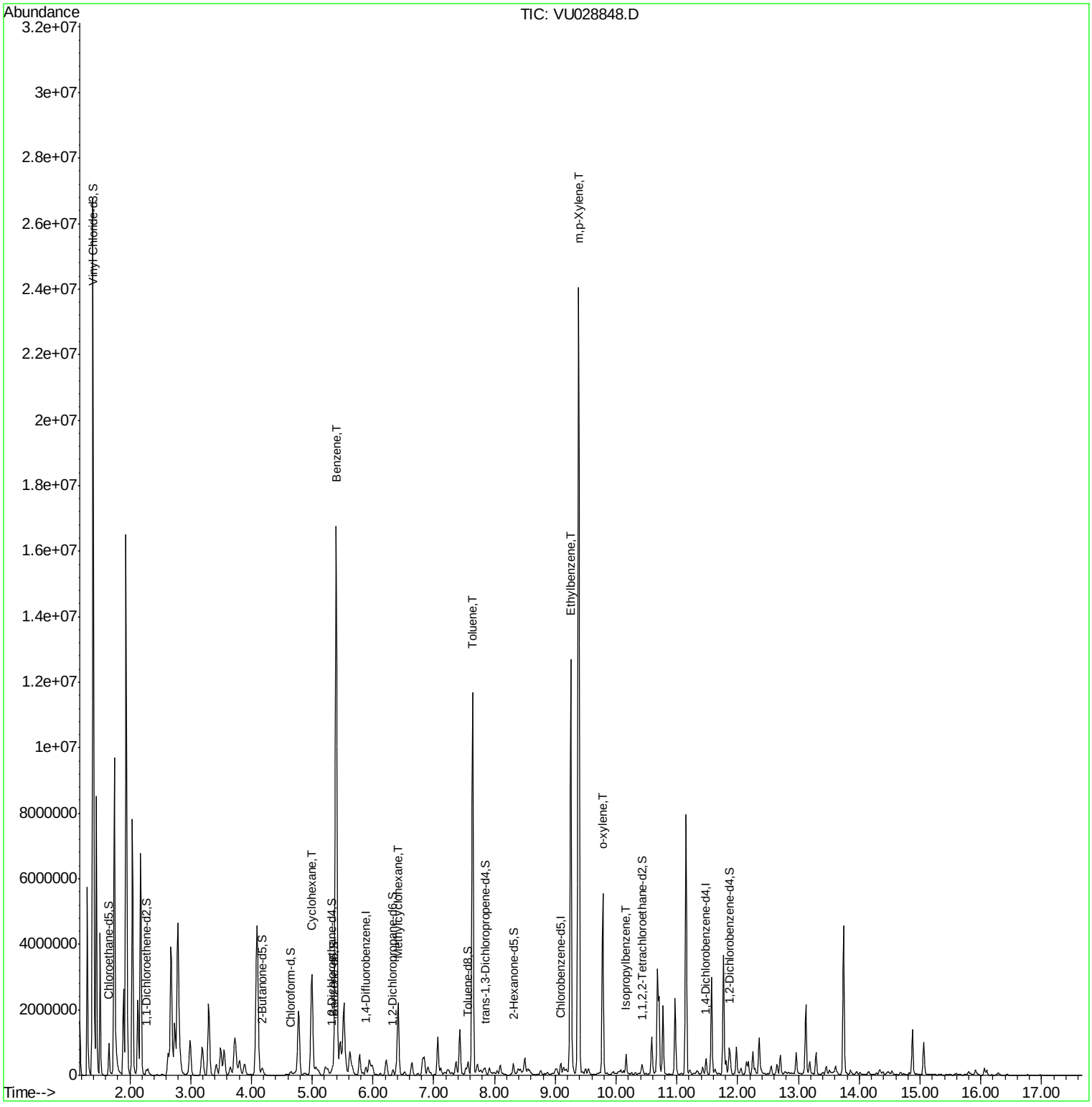
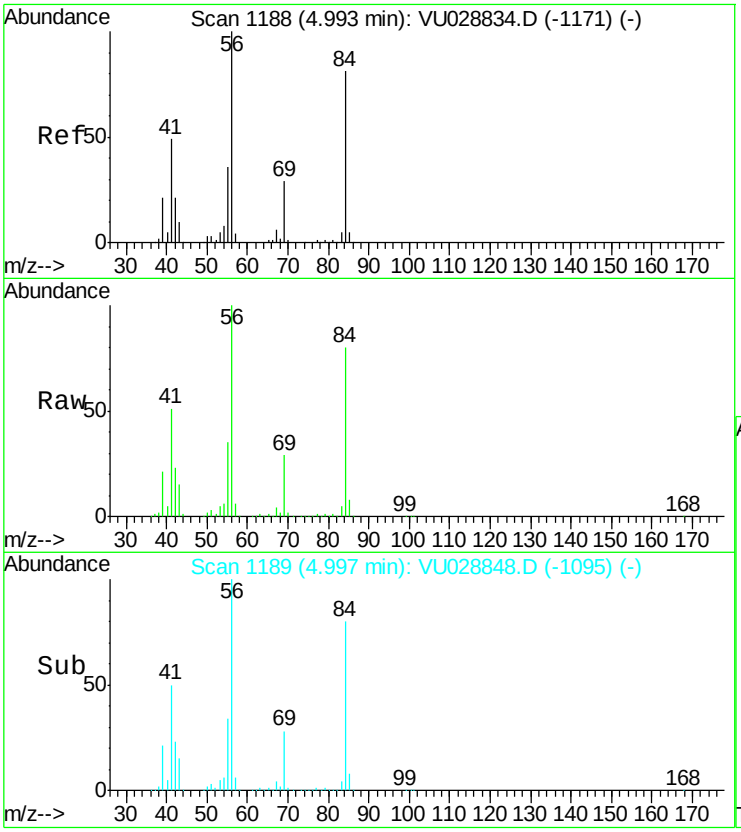


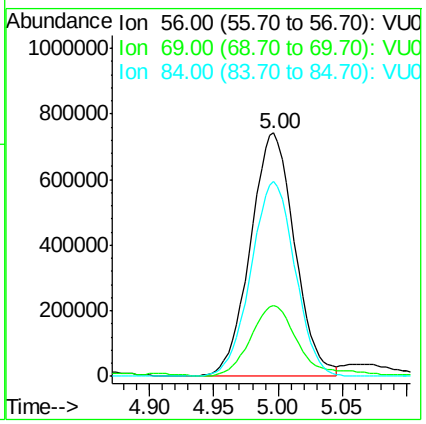


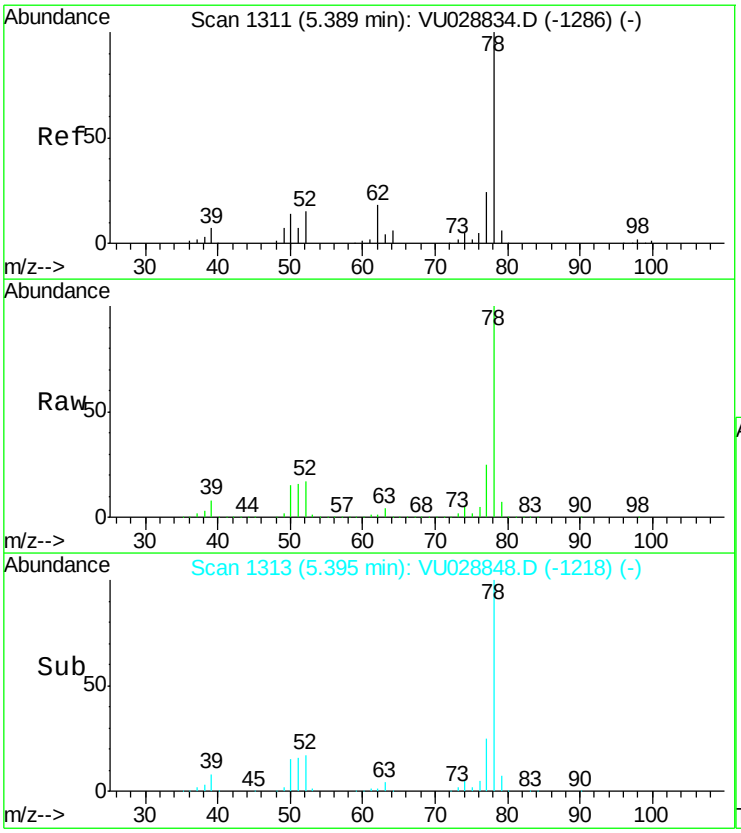
#29
Cyclohexane
Concen: 659.553 ug/L
RT: 5.00 min Scan# 1189
Delta R.T. 0.00 min
Lab File: VU028848.D
Acq: 21 Dec 2018 00:44

Instrument :
MSVOA_U
ClientSampleId :
F9F55

Tgt Ion: 56 Resp: 1771311

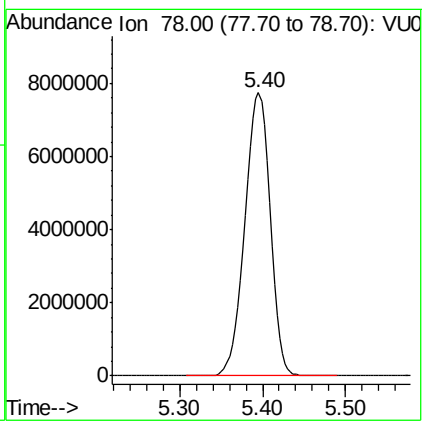
Ion	Ratio	Lower	Upper
56	100		
69	31.1	23.8	35.8
84	79.9	63.8	95.8

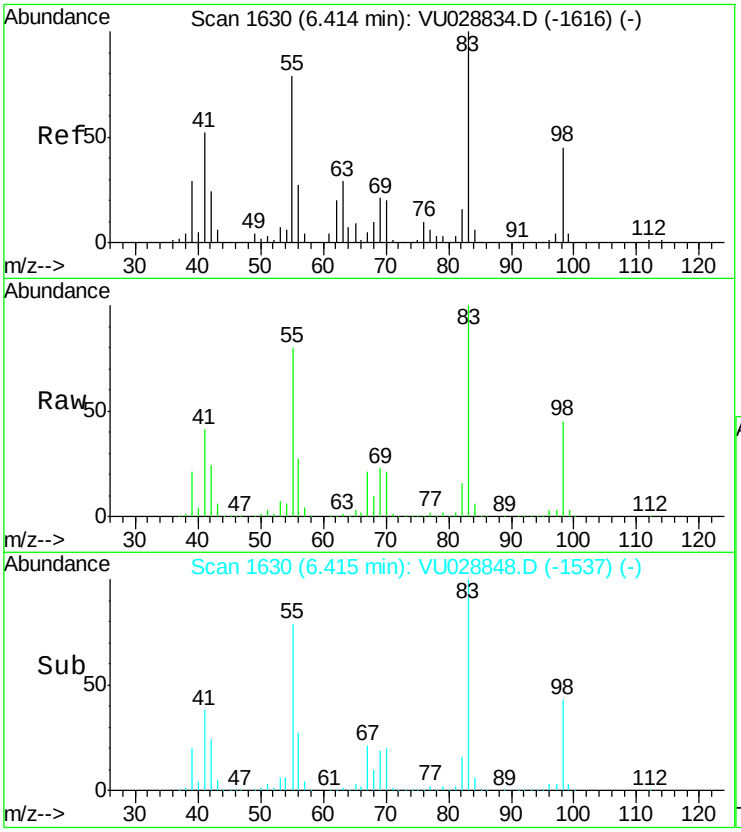




#33
Benzene
Concen: 2552.193 ug/L
RT: 5.40 min Scan# 1313
Delta R.T. 0.01 min
Lab File: VU028848.D
Acq: 21 Dec 2018 00:44

Tgt Ion: 78 Resp:16395262



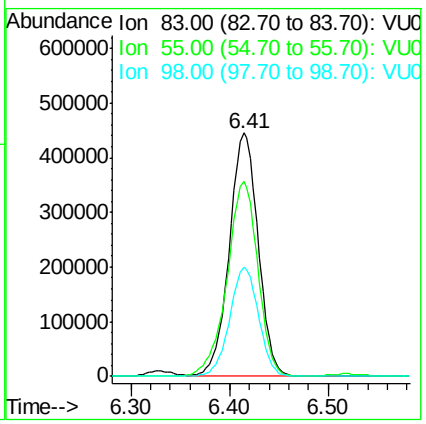


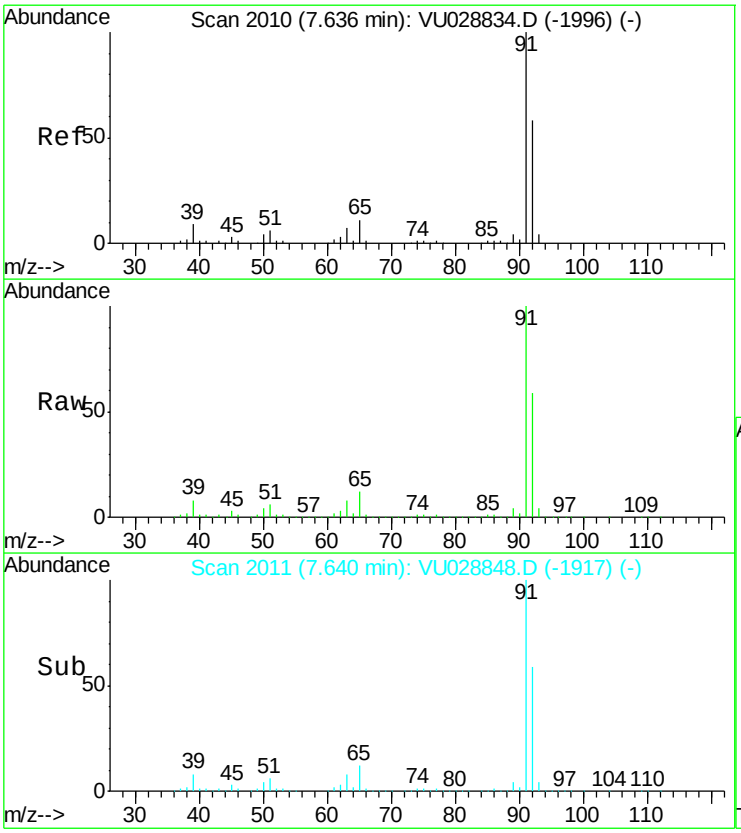
#35
Methylcyclohexane
Concen: 351.103 ug/L
RT: 6.41 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VU028848.D
Acq: 21 Dec 2018 00:44

Instrument :
MSVOA_U
ClientSampleId :
F9F55

Tgt Ion: 83 Resp: 906929

Ion	Ratio	Lower	Upper
83	100		
55	85.4	63.7	95.5
98	44.8	35.6	53.4

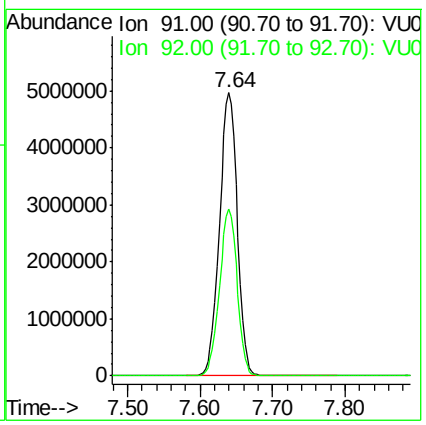


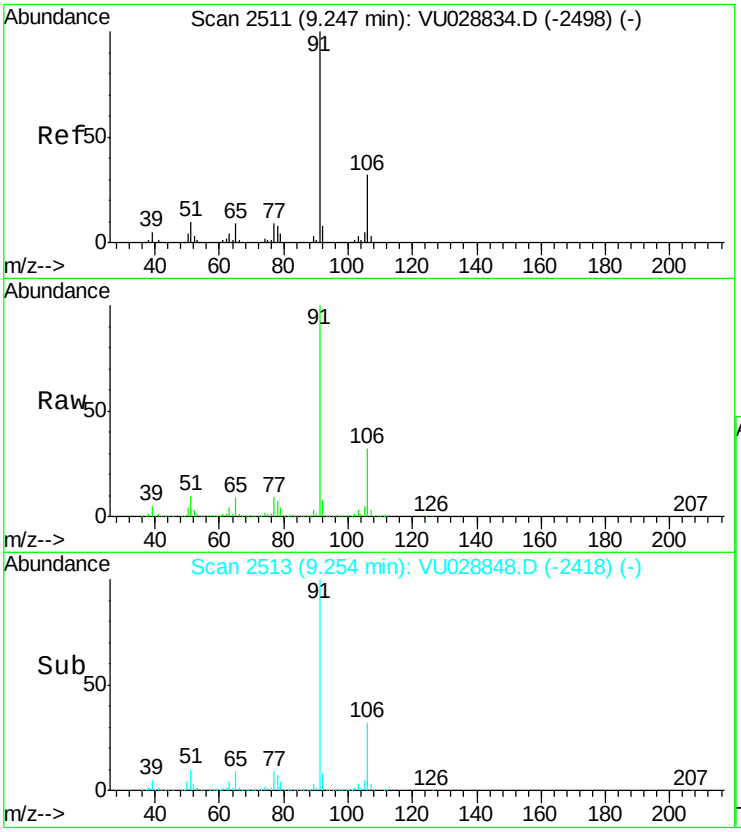


#42
Toluene
Concen: 1292.760 ug/L
RT: 7.64 min Scan# 2011
Delta R.T. 0.00 min
Lab File: VU028848.D
Acq: 21 Dec 2018 00:44

Tgt Ion: 91 Resp: 8418430

Ion	Ratio	Lower	Upper
91	100		
92	58.8	39.9	74.1



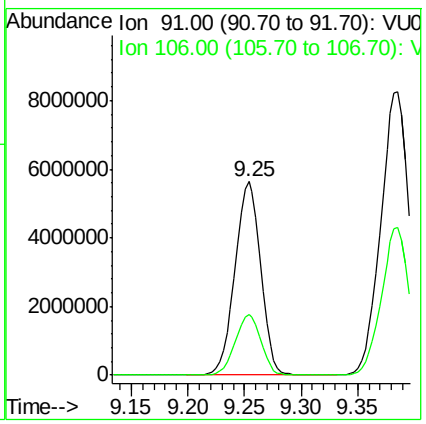


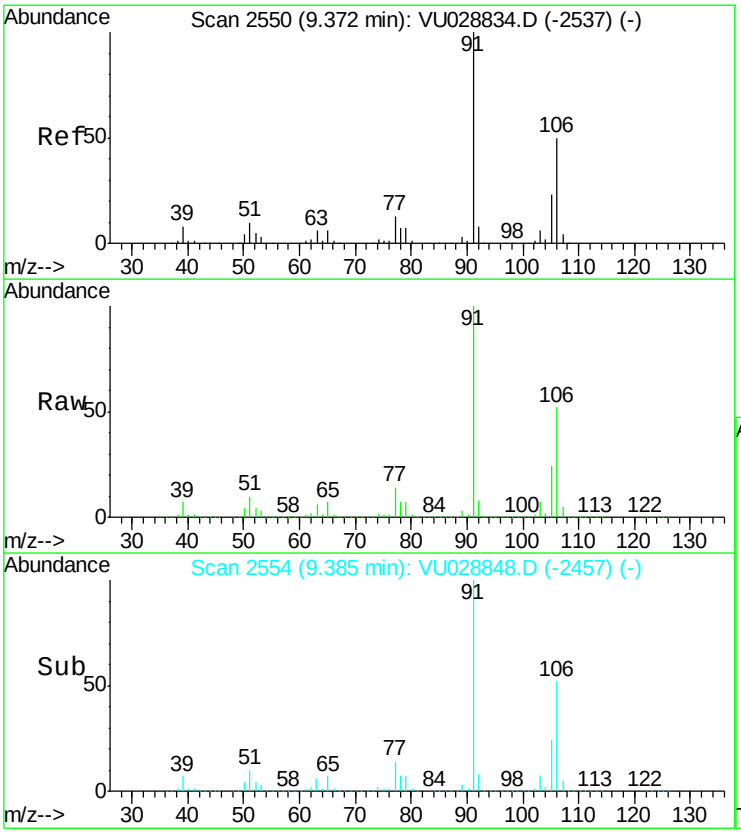
#52
Ethylbenzene
Concen: 1276.301 ug/L
RT: 9.25 min Scan# 2513
Delta R.T. 0.01 min
Lab File: VU028848.D
Acq: 21 Dec 2018 00:44

Instrument : MSVOA_U
ClientSampleId : F9F55

Tgt Ion: 91 Resp: 8930515

Ion	Ratio	Lower	Upper
91	100		
106	31.5	20.9	38.9

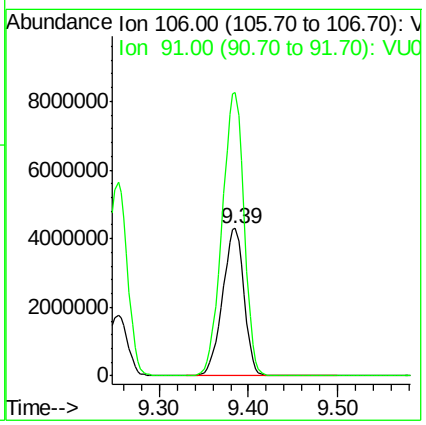


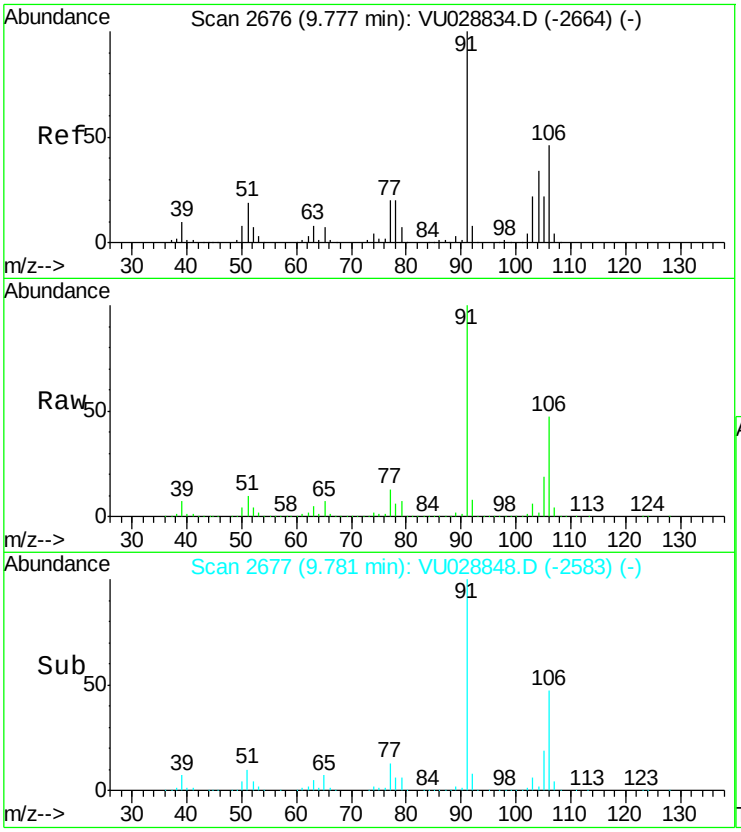


#53
m,p-Xylene
Concen: 2765.930 ug/L
RT: 9.39 min Scan# 2554
Delta R.T. 0.01 min
Lab File: VU028848.D
Acq: 21 Dec 2018 00:44

Tgt Ion:106 Resp: 7156775

Ion	Ratio	Lower	Upper
106	100		
91	191.9	144.1	267.5



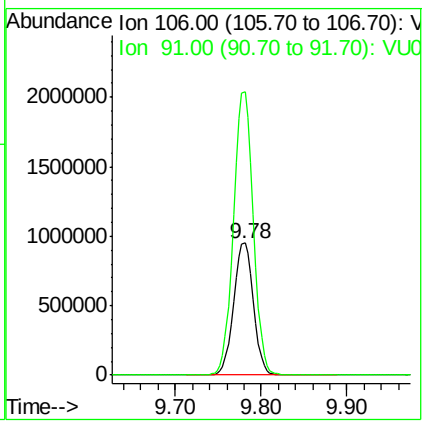


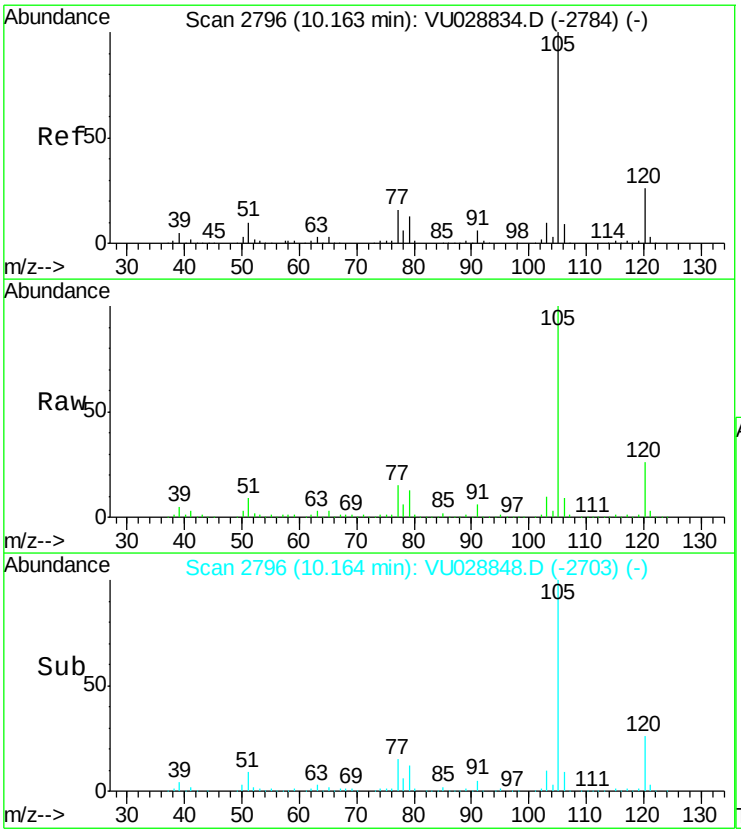
#54
o-xylene
Concen: 582.721 ug/L
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU028848.D
Acq: 21 Dec 2018 00:44

Instrument :
MSVOA_U
ClientSampleId :
F9F55

Tgt Ion:106 Resp: 1511179

Ion	Ratio	Lower	Upper
106	100		
91	214.1	150.4	279.4





#56
Isopropylbenzene
Concen: 60.067 ug/L
RT: 10.16 min Scan# 2796
Delta R.T. 0.00 min
Lab File: VU028848.D
Acq: 21 Dec 2018 00:44

Tgt Ion:105 Resp: 395159

Ion	Ratio	Lower	Upper
105	100		
120	26.2	21.4	32.2
77	14.6	12.3	18.5