Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111020\
Data File : VU041197.D
Acq On : 11 Nov 2020 12:09
Operator : SY/MD
Sample : L4646-14DL2 500X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GB0T8DL2

Quant Time: Nov 11 14:07:51 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 11 13:19:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	58192	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	63869	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	25437	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	12871	2.63	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 52.60%			
7) Chloroethane-d5	1.92	69	15005	3.99	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 79.80%			
11) 1,1-Dichloroethene-d2	2.58	63	21914	2.29	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 45.80%#			
20) 2-Butanone-d5	4.66	46	88367	54.89	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 109.78%			
24) Chloroform-d	5.08	84	44064	5.10	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.00%			
26) 1,2-Dichloroethane-d4	5.72	65	27140	5.06	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.20%			
32) Benzene-d6	5.74	84	70984	4.16	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.20%			
36) 1,2-Dichloropropane-d6	6.70	67	23835	4.28	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 85.60%			
41) Toluene-d8	7.91	98	58789	3.80	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 76.00%			
43) trans-1,3-Dichloropropene-	8.19	79	10045	4.17	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 83.40%			
46) 2-Hexanone-d5	8.64	63	65075	50.14	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 100.28%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	21935	4.25	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 85.00%			
64) 1,2-Dichlorobenzene-d4	12.19	152	24686	5.53	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 110.60%			
Target Compounds						Qvalue
30) Cyclohexane	5.41	56	3047	0.396	ug/L	98
33) Benzene	5.79	78	167052	8.753	ug/L	100
42) Toluene	7.97	91	1285	0.066	ug/L	96
52) Ethylbenzene	9.57	91	2390	0.117	ug/L	99
53) m,p-Xylene	9.69	106	8271	1.113	ug/L	96
56) Isopropylbenzene	10.48	105	1292	0.069	ug/L	93

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

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Quant Title : TRACE VOA SOM01.0
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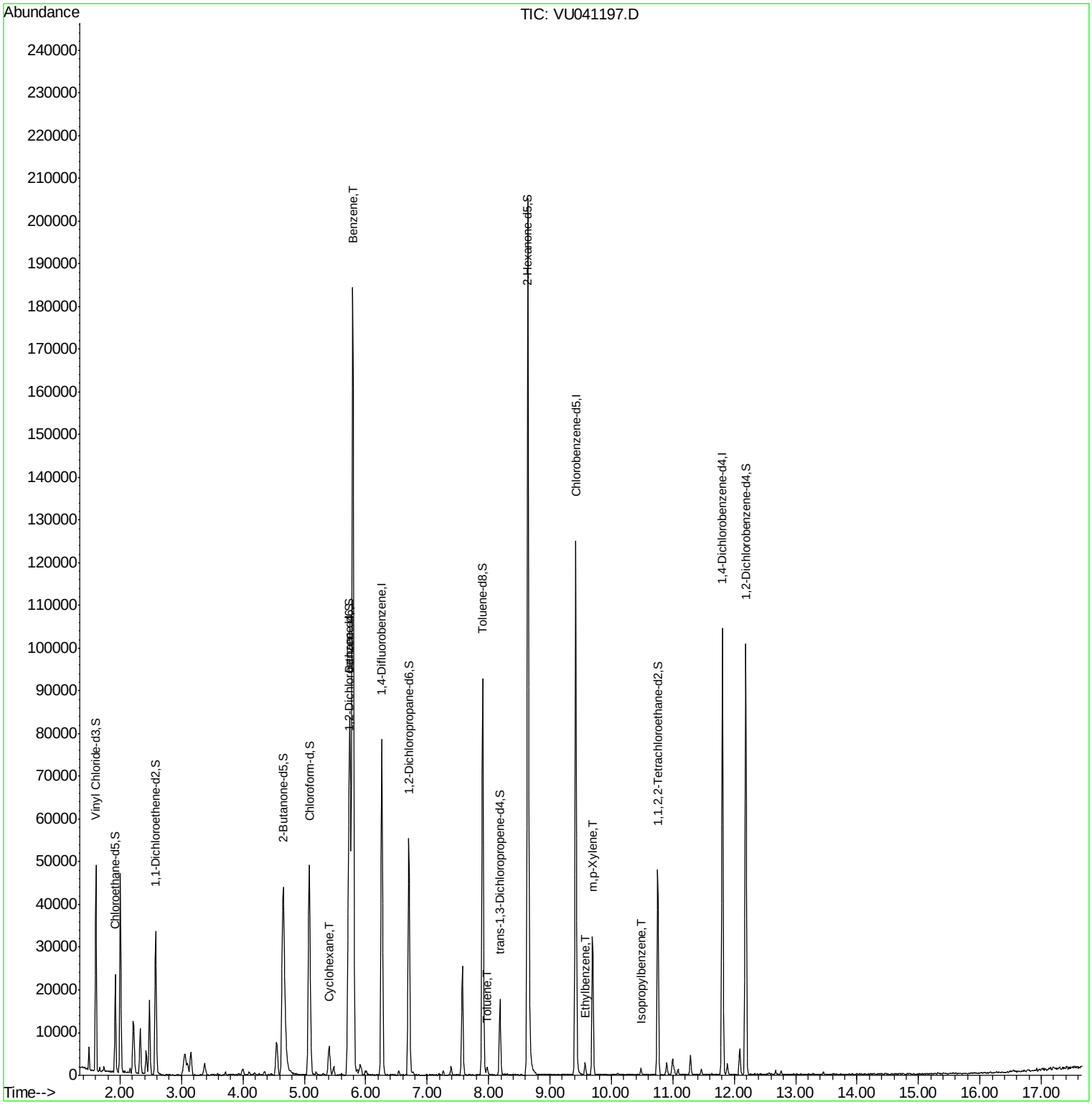
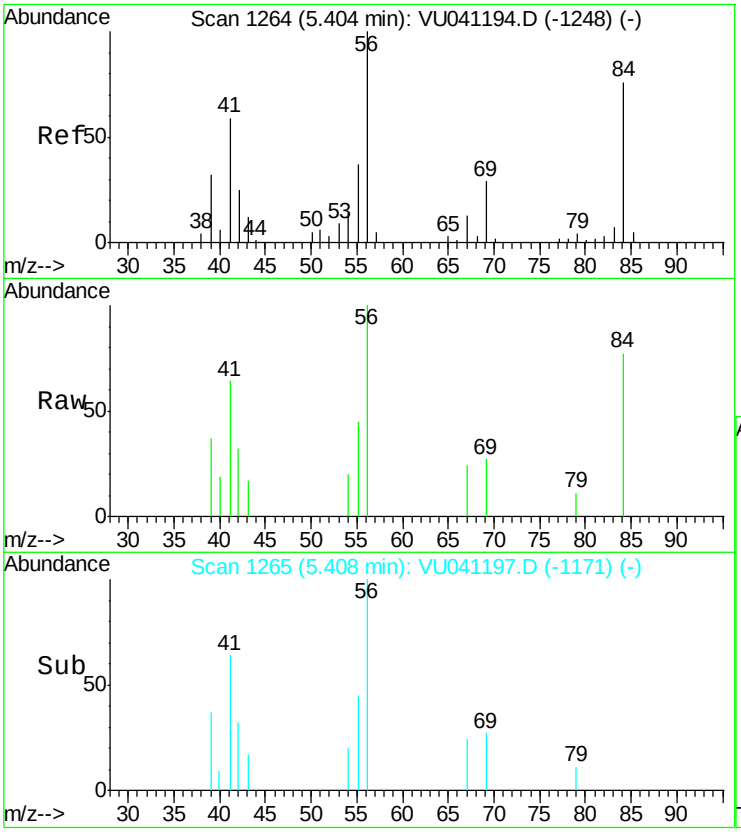


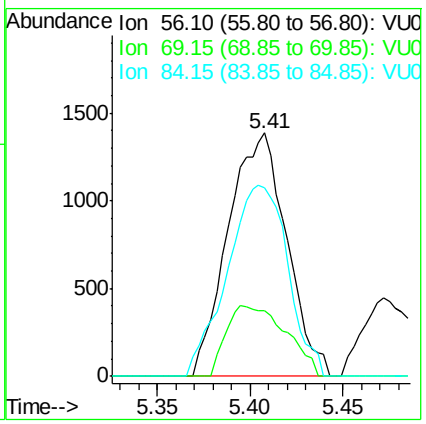


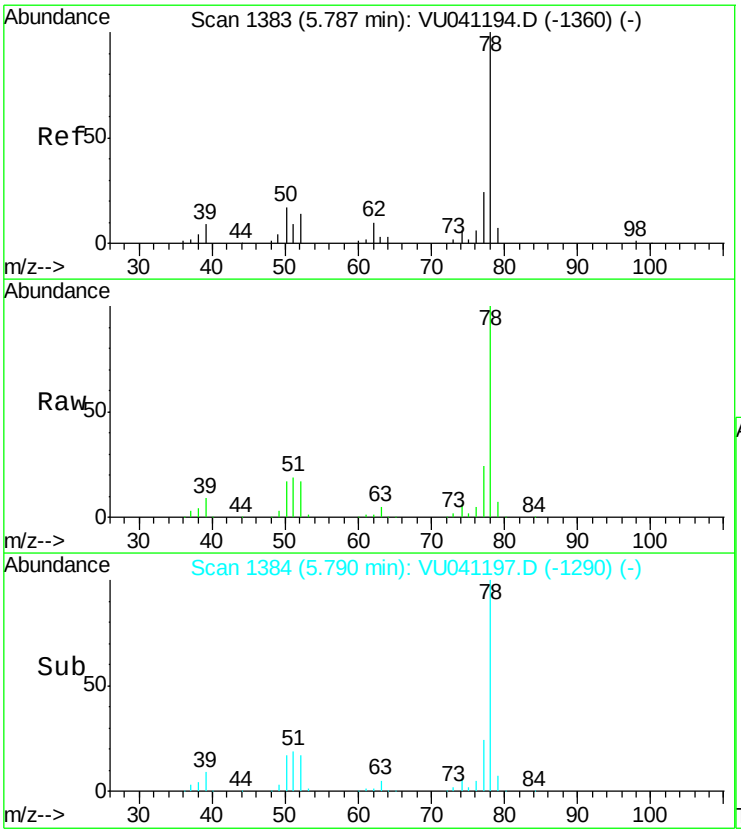
#30
Cyclohexane
Concen: 0.396 ug/L
RT: 5.41 min Scan# 1265
Delta R.T. 0.00 min
Lab File: VU041197.D
Acq: 11 Nov 2020 12:09

Instrument : MSVOA_U
ClientSampleId : GB0T8DL2

Tgt Ion: 56 Resp: 3047

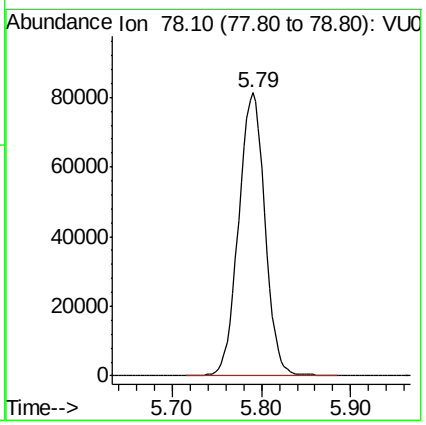
Ion	Ratio	Lower	Upper
56	100		
69	29.6	22.8	34.2
84	81.3	63.6	95.4

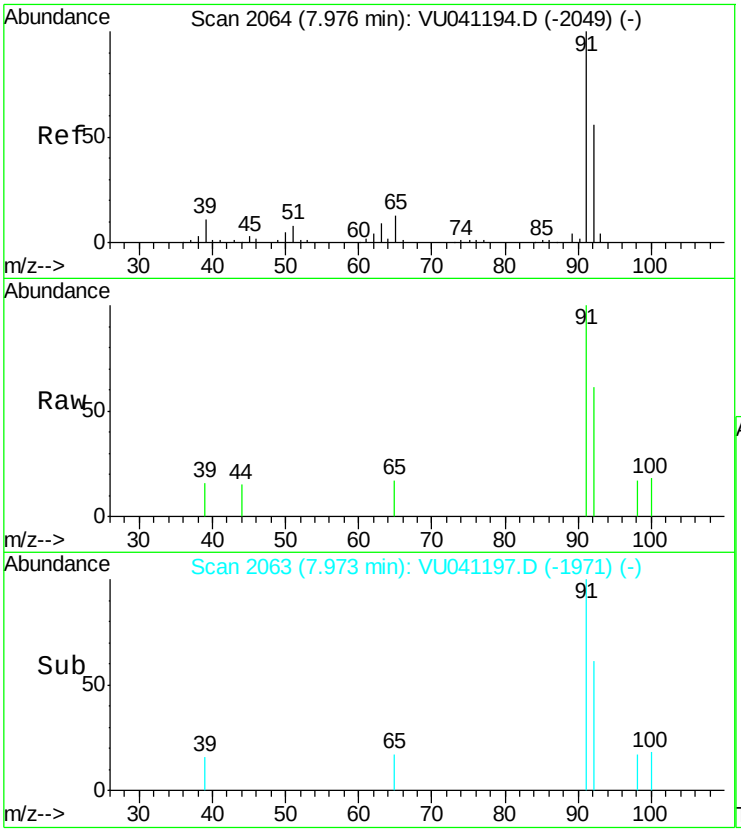




#33
Benzene
Concen: 8.753 ug/L
RT: 5.79 min Scan# 1384
Delta R.T. 0.00 min
Lab File: VU041197.D
Acq: 11 Nov 2020 12:09

Tgt Ion: 78 Resp: 167052



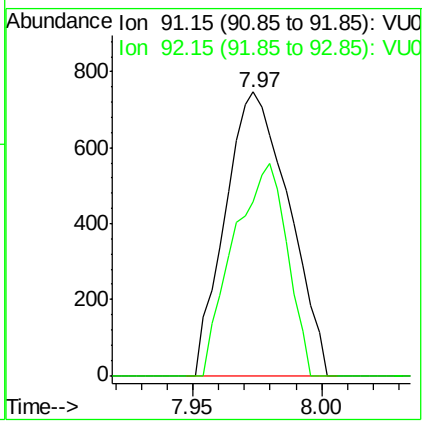


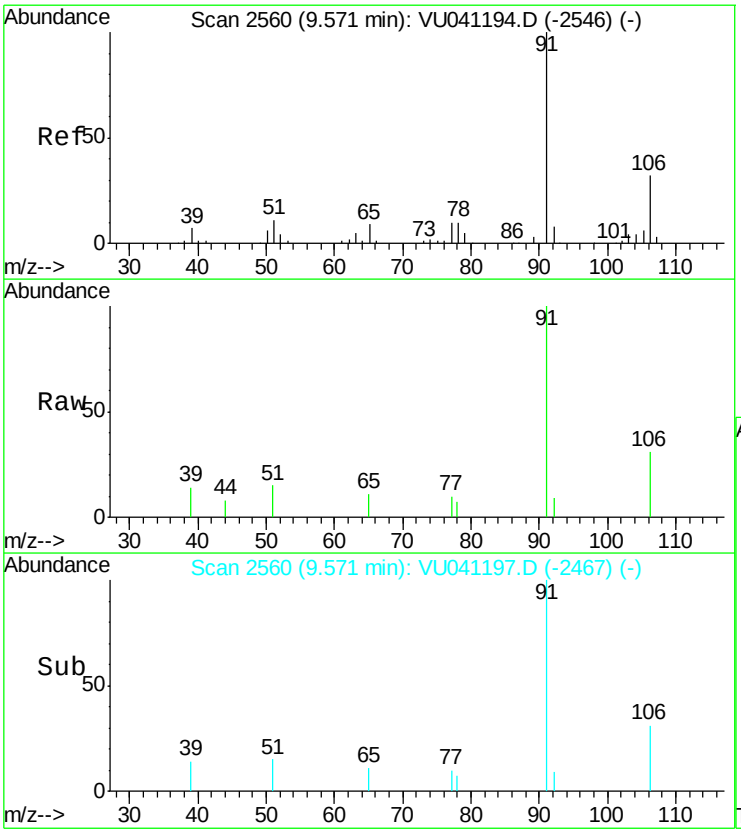
#42
Toluene
Concen: 0.066 ug/L
RT: 7.97 min Scan# 2063
Delta R.T. -0.00 min
Lab File: VU041197.D
Acq: 11 Nov 2020 12:09

Instrument :
MSVOA_U
ClientSampleId :
GB0T8DL2

Tgt Ion: 91 Resp: 1285

Ion	Ratio	Lower	Upper
91	100		
92	61.3	40.6	75.4

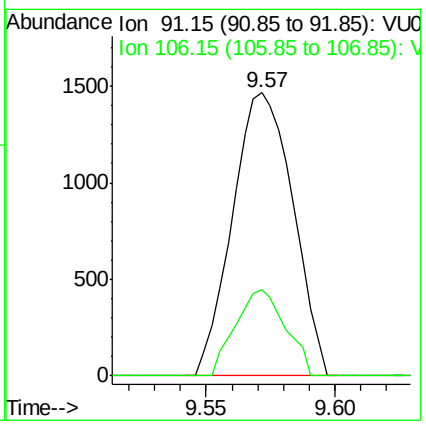


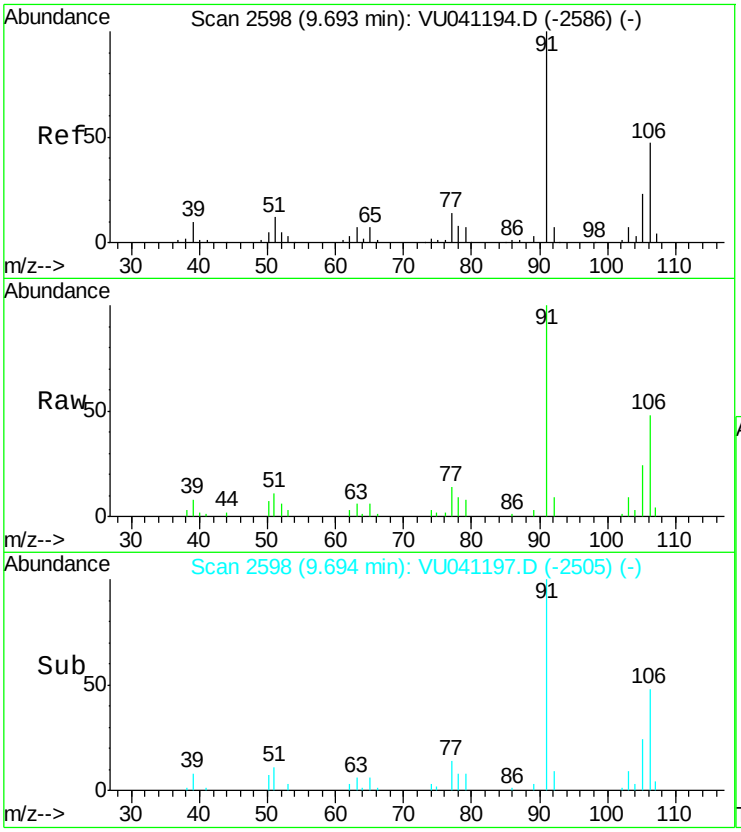


#52
Ethylbenzene
Concen: 0.117 ug/L
RT: 9.57 min Scan# 2560
Delta R.T. 0.00 min
Lab File: VU041197.D
Acq: 11 Nov 2020 12:09

Tgt Ion: 91 Resp: 2390

Ion	Ratio	Lower	Upper
91	100		
106	30.6	21.0	39.0



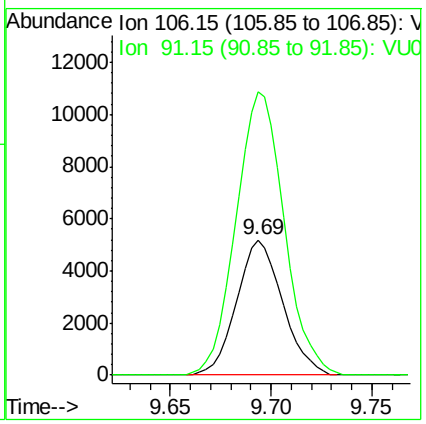


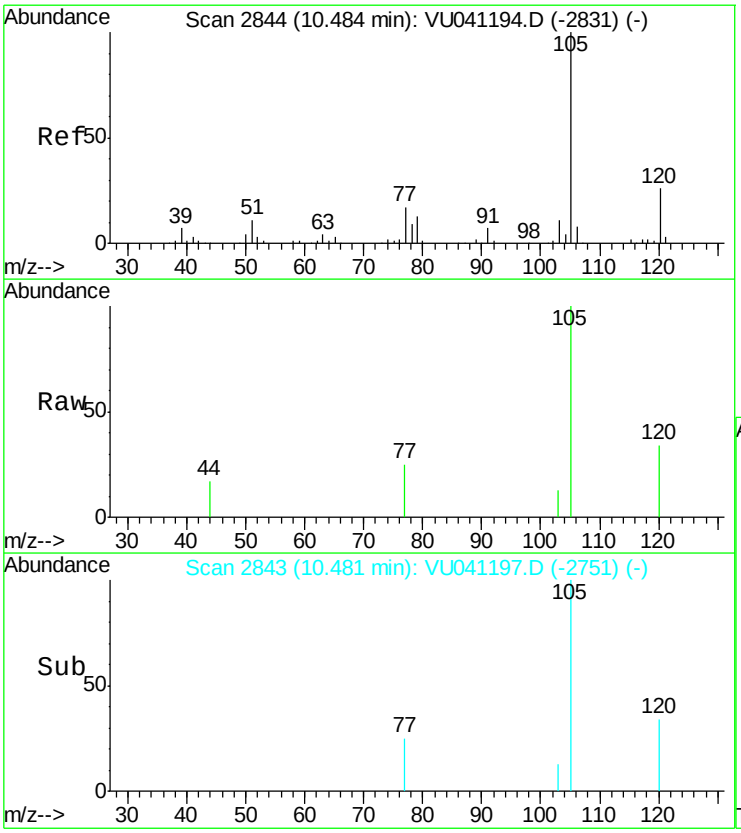
#53
m,p-Xylene
Concen: 1.113 ug/L
RT: 9.69 min Scan# 2598
Delta R.T. 0.00 min
Lab File: VU041197.D
Acq: 11 Nov 2020 12:09

Instrument :
MSVOA_U
ClientSampleId :
GB0T8DL2

Tgt Ion:106 Resp: 8271

Ion	Ratio	Lower	Upper
106	100		
91	209.5	150.9	280.3





#56
Isopropylbenzene
Concen: 0.069 ug/L
RT: 10.48 min Scan# 2843
Delta R.T. -0.00 min
Lab File: VU041197.D
Acq: 11 Nov 2020 12:09

Tgt Ion:105 Resp: 1292

Ion	Ratio	Lower	Upper
105	100		
120	20.9	20.7	31.1
77	18.0	13.8	20.6