Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU081720\
Data File : VU039890.D
Acq On : 17 Aug 2020 16:15
Operator : SY/MD
Sample : L3517-07 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4M01

Quant Time: Aug 18 05:22:38 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Aug 18 04:18:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	95747	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	95960	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	46946	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	16340	3.16	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 63.20%			
7) Chloroethane-d5	1.92	69	16952	3.03	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 60.60%#			
11) 1,1-Dichloroethene-d2	2.58	63	24201	2.32	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 46.40%#			
20) 2-Butanone-d5	4.66	46	71174	31.30	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 62.60%			
24) Chloroform-d	5.08	84	40748	3.16	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 63.20%#			
26) 1,2-Dichloroethane-d4	5.72	65	24471	3.18	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 63.60%#			
32) Benzene-d6	5.74	84	73101	3.20	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 64.00%#			
36) 1,2-Dichloropropane-d6	6.70	67	26038	3.33	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 66.60%			
41) Toluene-d8	7.91	98	59013	2.91	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 58.20%#			
43) trans-1,3-Dichloropropene-	8.18	79	10080	3.36	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 67.20%			
46) 2-Hexanone-d5	8.64	63	53894	33.22	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 66.44%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	23832	3.14	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 62.80%#			
64) 1,2-Dichlorobenzene-d4	12.19	152	26791	3.33	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 66.60%#			
Target Compounds						Qvalue
13) Acetone	2.68	43	164385	122.621	ug/L	97
21) 2-Butanone	4.75	43	26433	12.512	ug/L	98
40) 4-Methyl-2-pentanone	7.80	43	27976	5.391	ug/L	100
42) Toluene	7.97	91	4344	0.158	ug/L	89
52) Ethylbenzene	9.57	91	8960	0.291	ug/L	98
53) m,p-Xylene	9.69	106	11182	0.955	ug/L	77
54) o-Xylene	10.10	106	3238	0.282	ug/L	97

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

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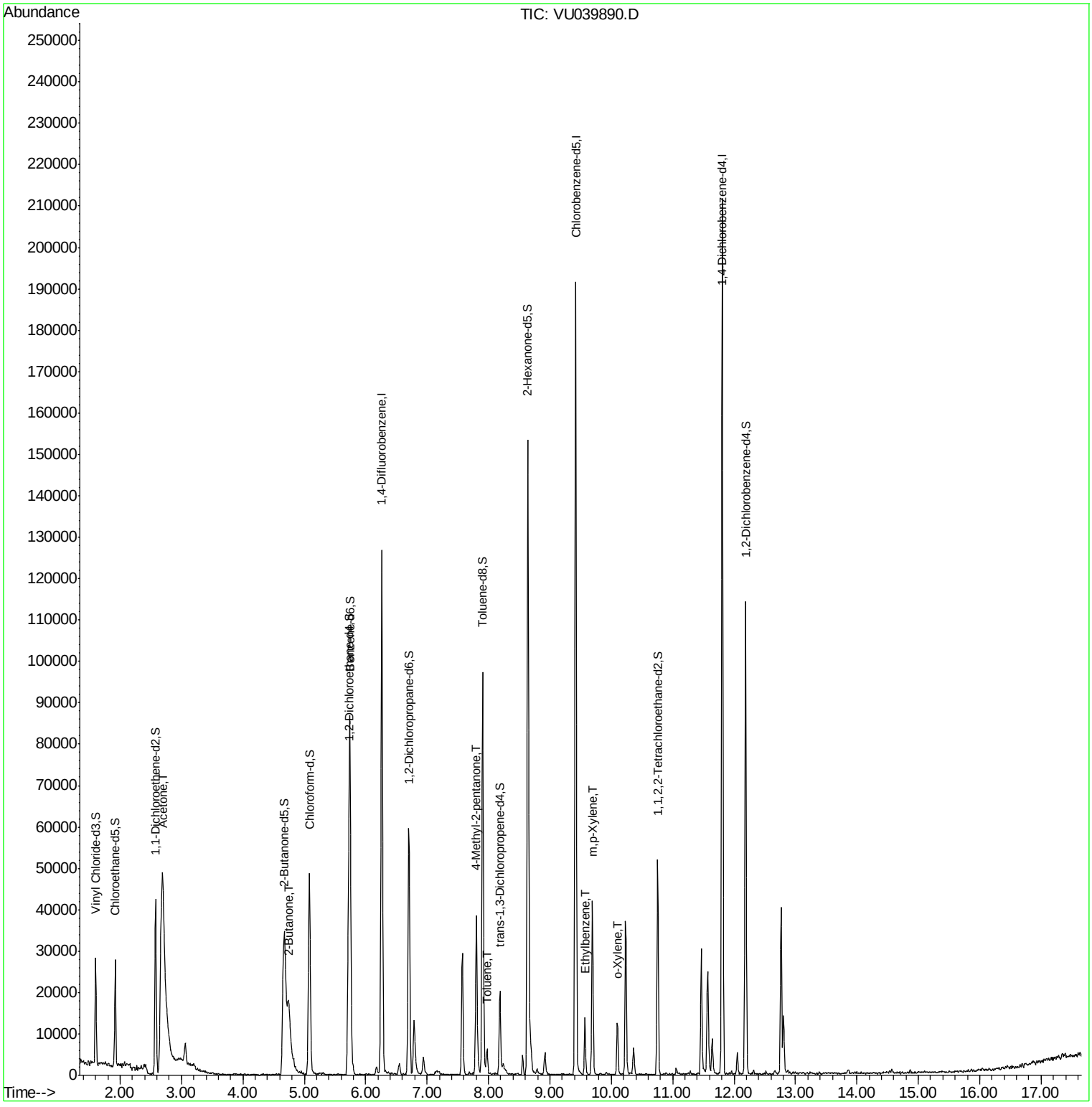
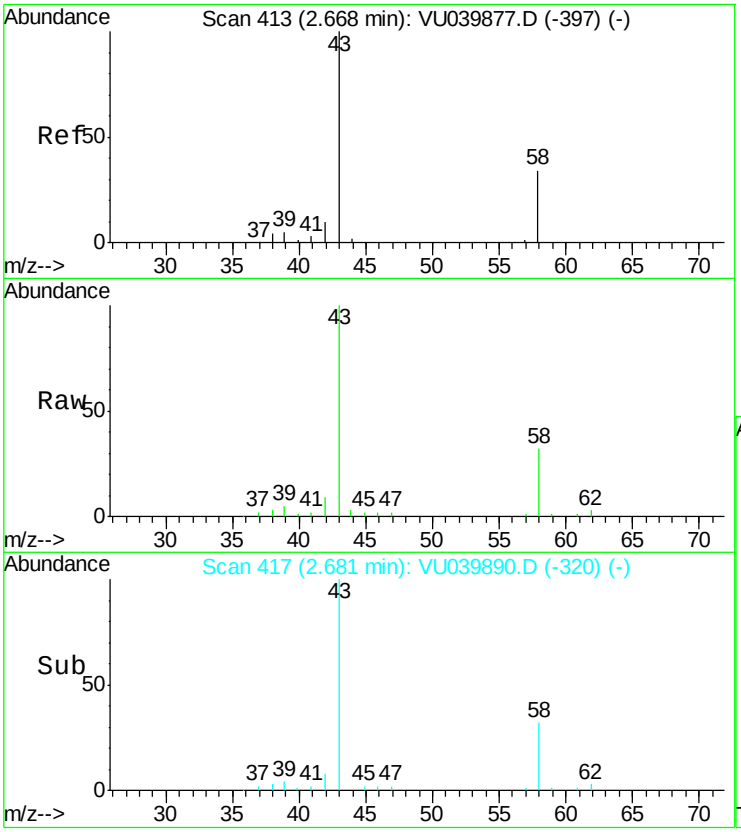


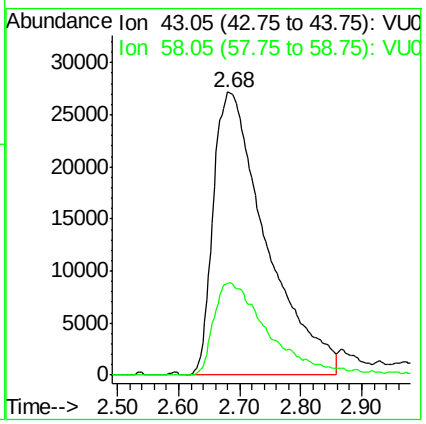


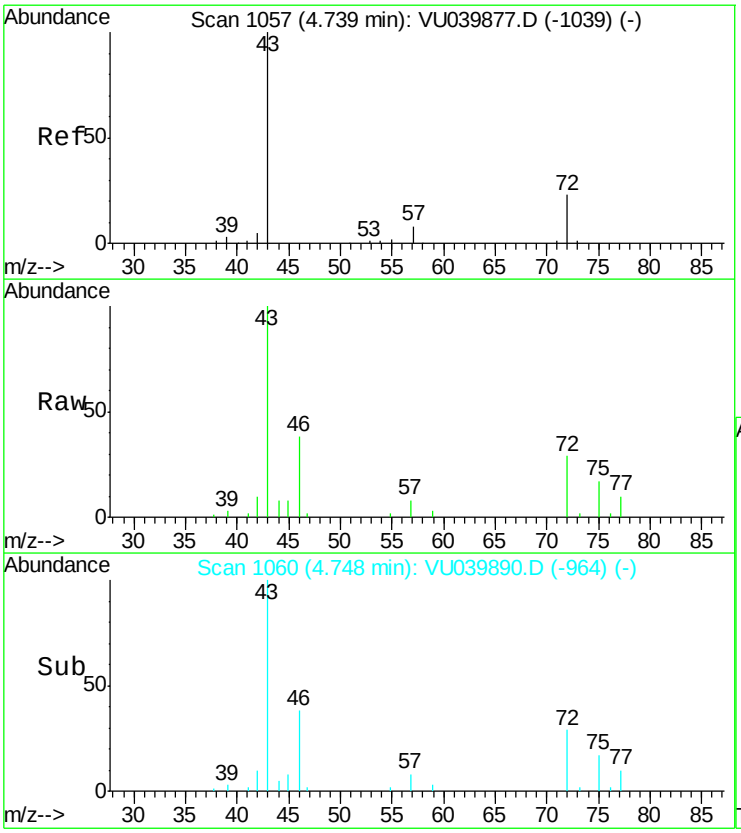
#13
Acetone
Concen: 122.621 ug/L
RT: 2.68 min Scan# 417
Delta R.T. 0.01 min
Lab File: VU039890.D
Acq: 17 Aug 2020 16:15

Instrument :
MSVOA_U
ClientSampleId :
F4M01

Tgt Ion: 43 Resp: 164385

Ion	Ratio	Lower	Upper
43	100		
58	32.6	0.0	61.8

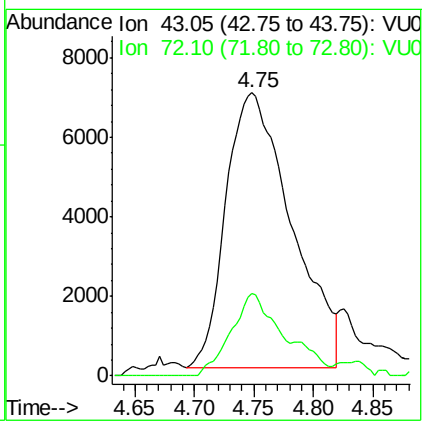


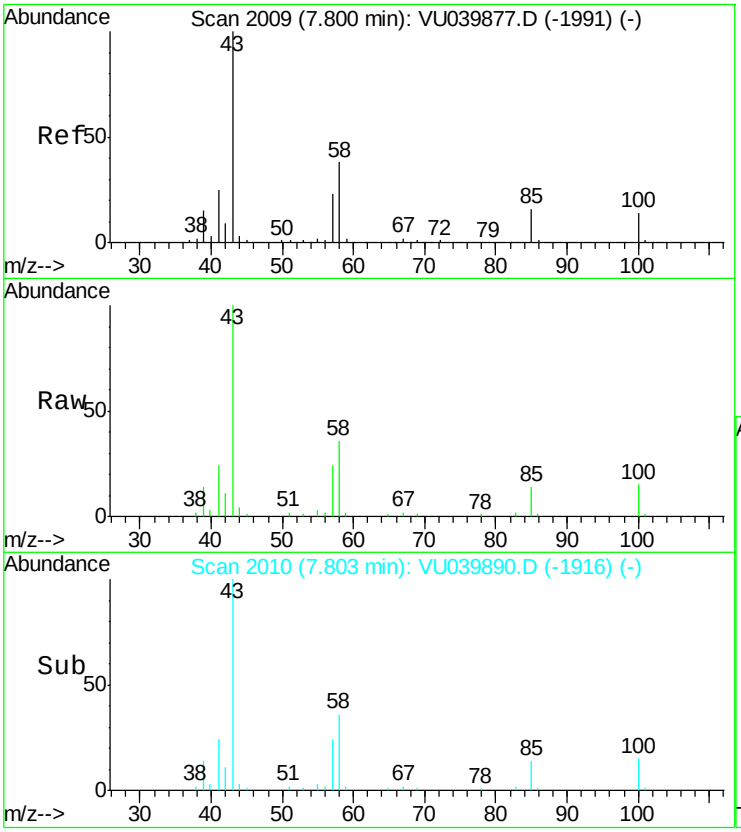


#21
2-Butanone
Concen: 12.512 ug/L
RT: 4.75 min Scan# 1060
Delta R.T. 0.01 min
Lab File: VU039890.D
Acq: 17 Aug 2020 16:15

Tgt Ion: 43 Resp: 26433

Ion	Ratio	Lower	Upper
43	100		
72	24.7	13.0	39.0



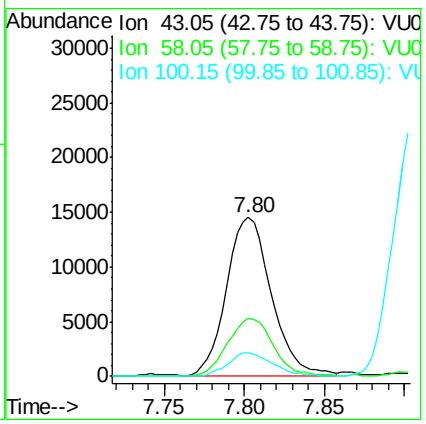


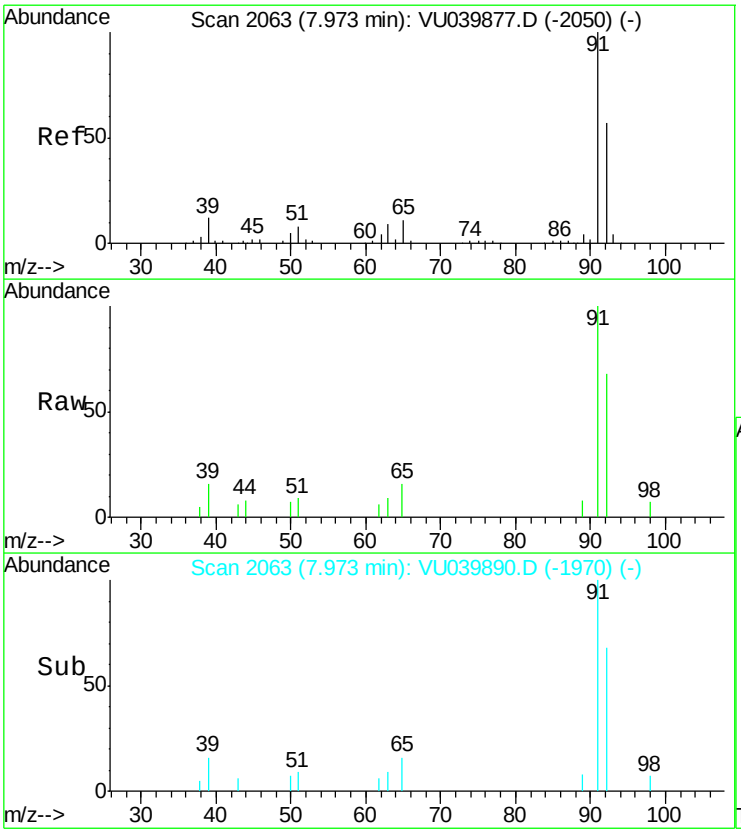
#40
4-Methyl-2-pentanone
Concen: 5.391 ug/L
RT: 7.80 min Scan# 2010
Delta R.T. 0.00 min
Lab File: VU039890.D
Acq: 17 Aug 2020 16:15

Instrument : MSVOA_U
ClientSampleId : F4M01

Tgt Ion: 43 Resp: 27976

Ion	Ratio	Lower	Upper
43	100		
58	36.9	29.4	44.2
100	14.6	11.7	17.5

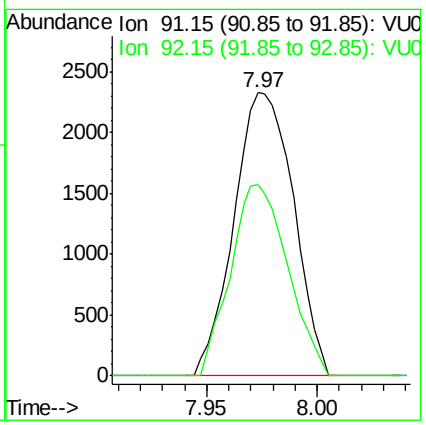


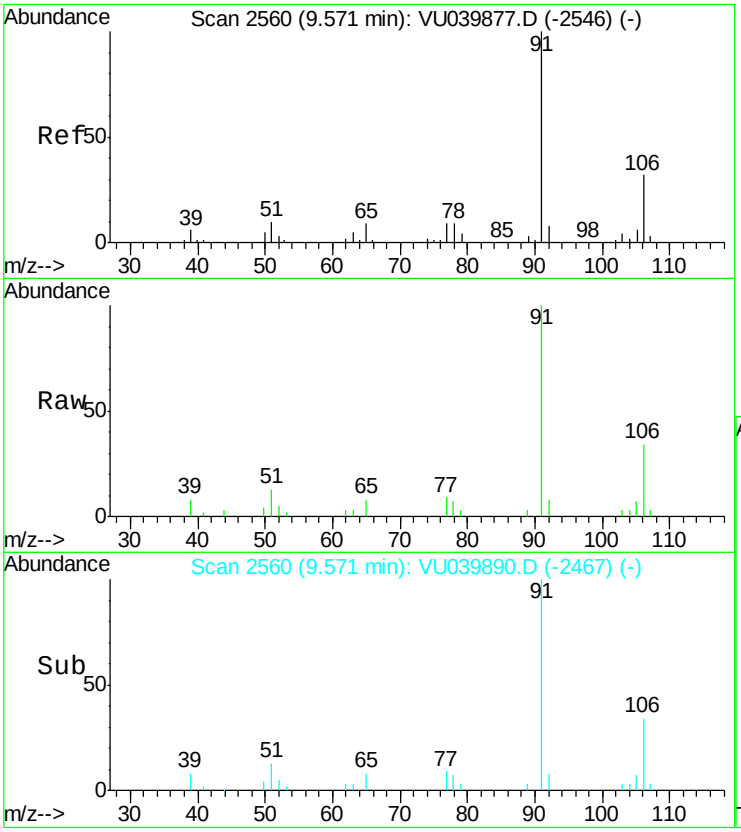


#42
Toluene
Concen: 0.158 ug/L
RT: 7.97 min Scan# 2063
Delta R.T. -0.00 min
Lab File: VU039890.D
Acq: 17 Aug 2020 16:15

Tgt Ion: 91 Resp: 4344

Ion	Ratio	Lower	Upper
91	100		
92	67.7	41.6	77.3



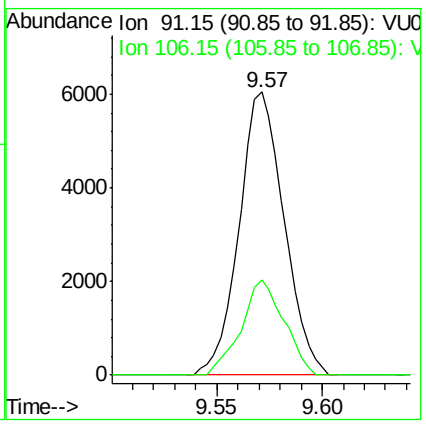


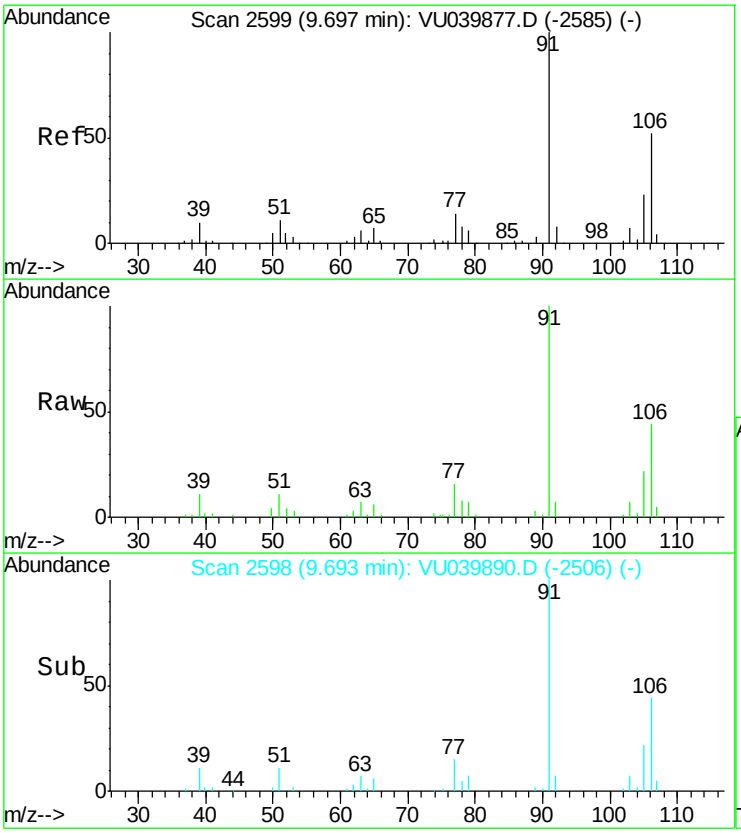
#52
Ethylbenzene
Concen: 0.291 ug/L
RT: 9.57 min Scan# 2560
Delta R.T. -0.00 min
Lab File: VU039890.D
Acq: 17 Aug 2020 16:15

Instrument :
MSVOA_U
ClientSampleId :
F4M01

Tgt Ion: 91 Resp: 8960

Ion	Ratio	Lower	Upper
91	100		
106	33.7	22.8	42.4

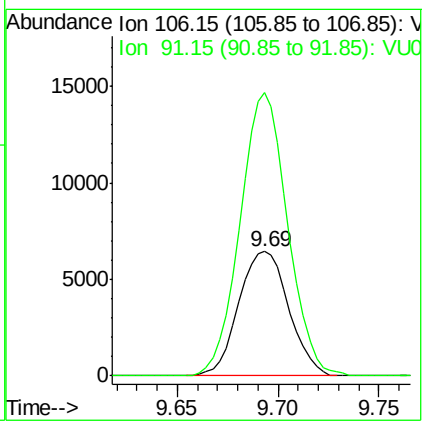


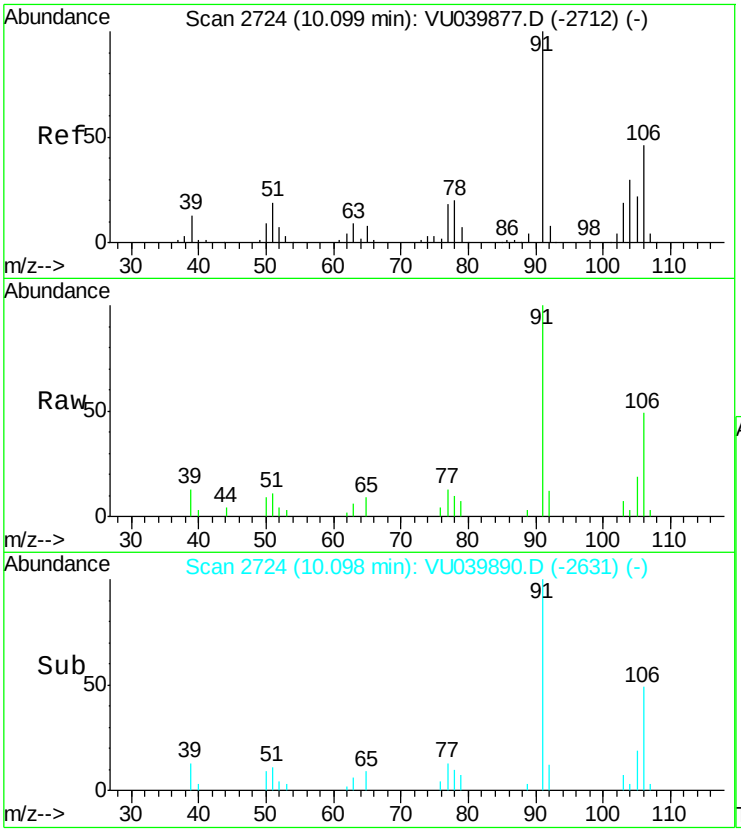


#53
m,p-Xylene
Concen: 0.955 ug/L
RT: 9.69 min Scan# 2598
Delta R.T. -0.00 min
Lab File: VU039890.D
Acq: 17 Aug 2020 16:15

Tgt Ion:106 Resp: 11182

Ion	Ratio	Lower	Upper
106	100		
91	228.0	135.5	251.7





#54
o-Xylene
Concen: 0.282 ug/L
RT: 10.10 min Scan# 2724
Delta R.T. -0.00 min
Lab File: VU039890.D
Acq: 17 Aug 2020 16:15

Instrument :
MSVOA_U
ClientSampleId :
F4M01

Tgt Ion:106 Resp: 3238

Ion	Ratio	Lower	Upper
106	100		
91	206.2	140.8	261.6