Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060620\
Data File : VU038641.D
Acq On : 07 Jun 2020 01:44
Operator : SY/MD
Sample : L2911-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9D05

Manual Integrations APPROVED
MMDadoda
6/8/2020 1:55:55 PM

Quant Time: Jun 08 08:24:13 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jun 08 02:53:04 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	307349	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	311599	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	160587	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	87563	4.40	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 88.00%			
7) Chloroethane-d5	1.93	69	76161	4.98	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 99.60%			
11) 1,1-Dichloroethene-d2	2.59	63	137611	3.51	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 70.20%			
20) 2-Butanone-d5	4.68	46	348230	57.63	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 115.26%			
24) Chloroform-d	5.10	84	188638	5.05	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.00%			
26) 1,2-Dichloroethane-d4	5.74	65	108824	5.13	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.60%			
32) Benzene-d6	5.76	84	381171	4.90	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.00%			
36) 1,2-Dichloropropane-d6	6.72	67	121240	5.07	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 101.40%			
41) Toluene-d8	7.92	98	370804	5.31	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 106.20%			
43) trans-1,3-Dichloropropene-	8.20	79	49499	4.81	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 96.20%			
46) 2-Hexanone-d5	8.65	63	298404	58.74	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 117.48%			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	106696	5.25	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 105.00%			
64) 1,2-Dichlorobenzene-d4	12.20	152	144783	5.23	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 104.60%			
Target Compounds						Qvalue
30) Cyclohexane	5.42	56	183519	5.308	ug/L	97
33) Benzene	5.81	78	7222311	83.119	ug/L	100
35) Methylcyclohexane	6.78	83	115525m	3.309	ug/L	
42) Toluene	7.99	91	294456	3.231	ug/L	97
52) Ethylbenzene	9.59	91	463393	4.570	ug/L	100
53) m,p-Xylene	9.71	106	28853	0.740	ug/L	88
54) o-Xylene	10.11	106	25719	0.687	ug/L	92
56) Isopropylbenzene	10.50	105	217492	2.207	ug/L	99

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

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MSVOA_U
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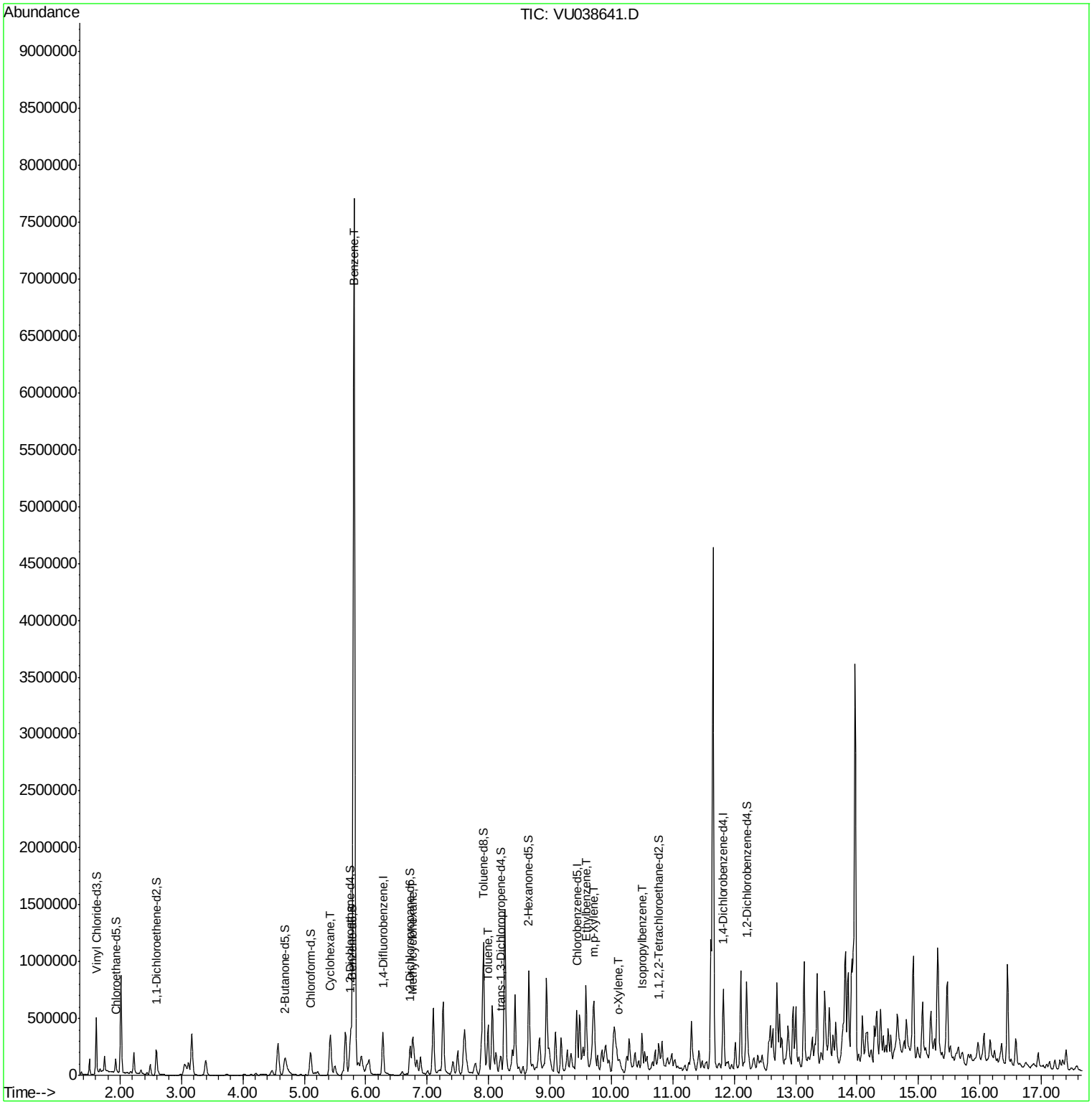
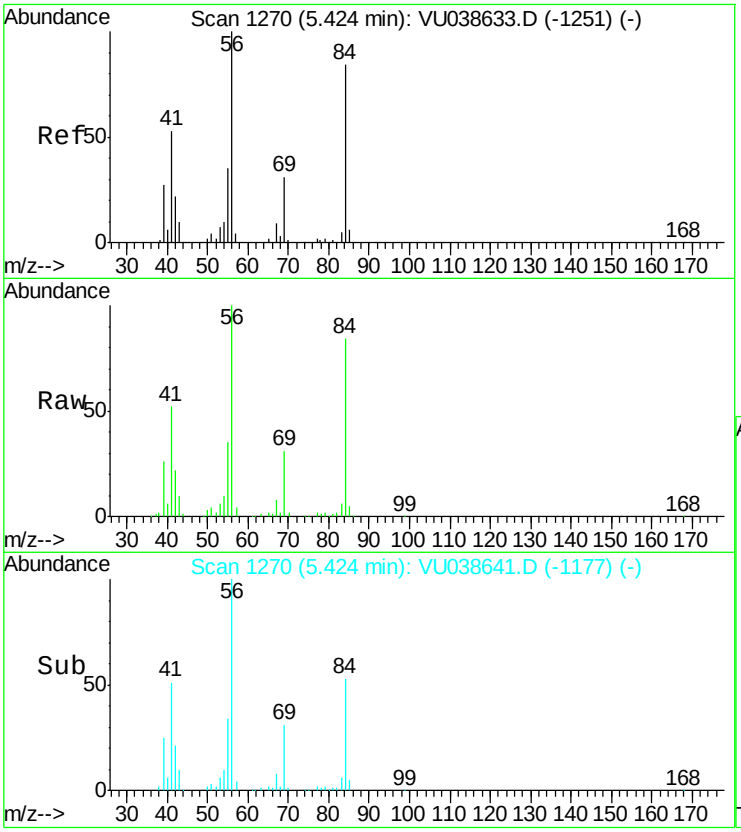
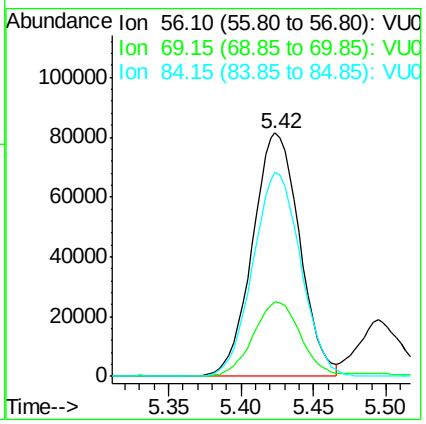




#30
Cyclohexane
Concen: 5.308 ug/L
RT: 5.42 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VU038641.D
Acq: 07 Jun 2020 01:44

Tgt Ion: 56 Resp: 183519

Ion	Ratio	Lower	Upper
56	100		
69	30.9	24.2	36.4
84	85.1	70.8	106.2



Instrument :
MSVOA_U
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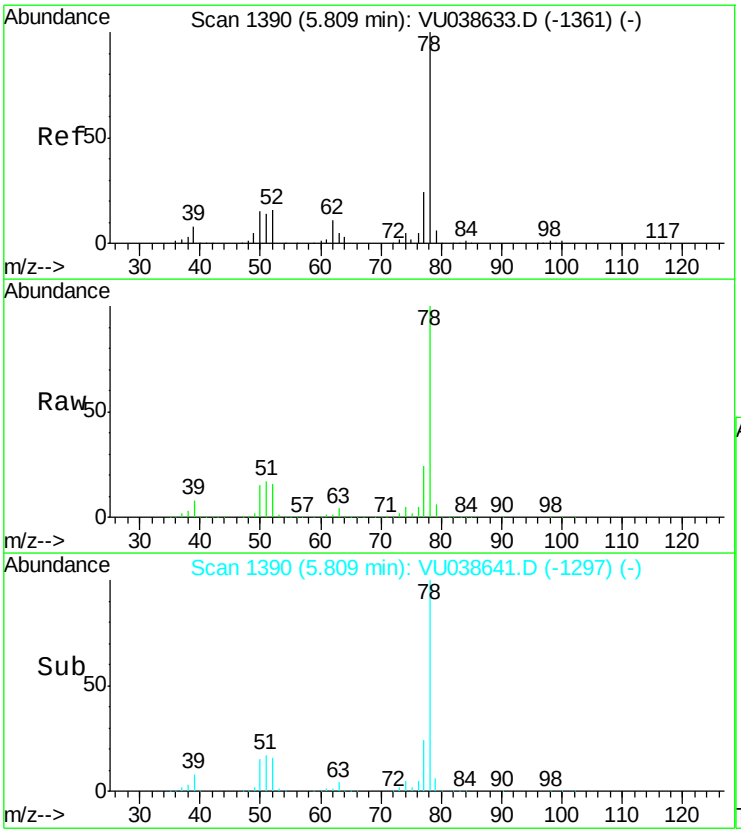
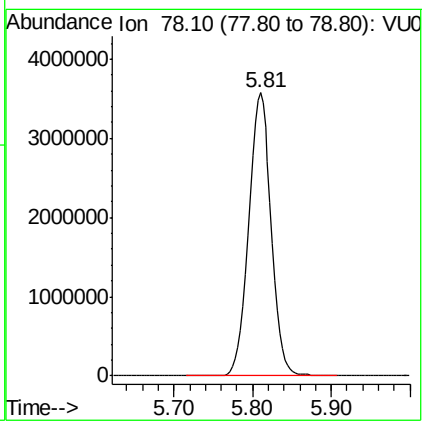
F9D05

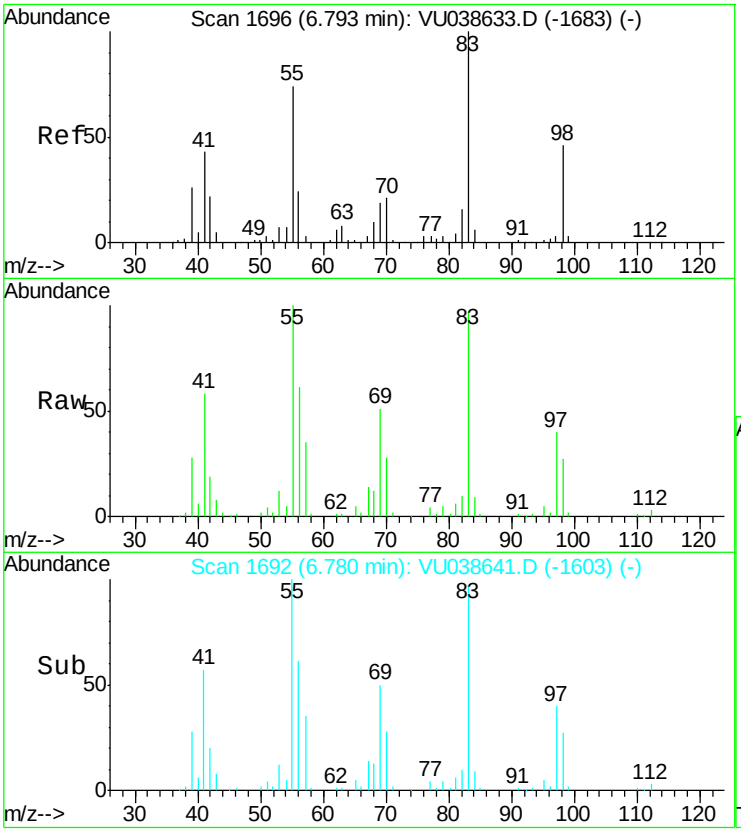
Manual Integrations APPROVED
MMDadoda
6/8/2020 1:55:55 PM



#33
Benzene
Concen: 83.119 ug/L
RT: 5.81 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VU038641.D
Acq: 07 Jun 2020 01:44

Tgt Ion: 78 Resp: 7222311

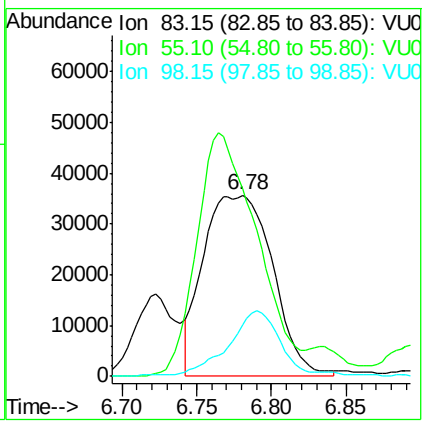




#35
Methylcyclohexane
Concen: 3.309 ug/L m
RT: 6.78 min Scan# 1692
Delta R.T. -0.01 min
Lab File: VU038641.D
Acq: 07 Jun 2020 01:44

Tgt Ion: 83 Resp: 115525

Ion	Ratio	Lower	Upper
83	100		
55	117.3	63.4	95.2#
98	25.9	39.0	58.4#



Instrument :
MSVOA_U
ClientSampleId :
F9D05

Manual Integrations APPROVED
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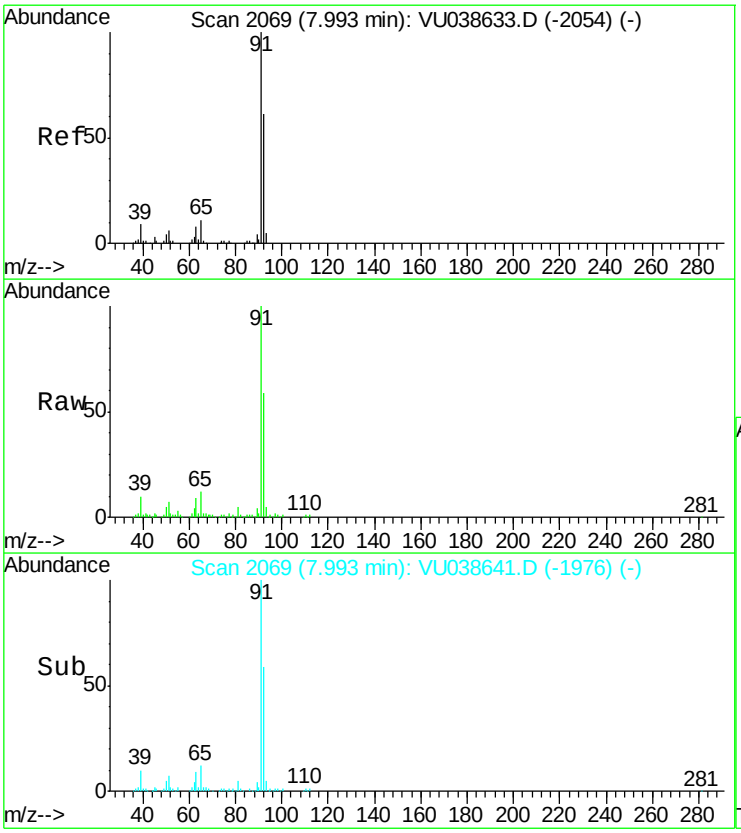
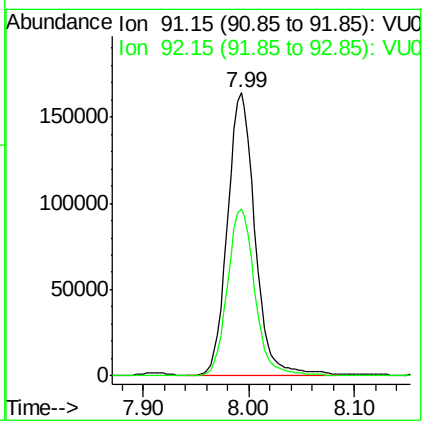
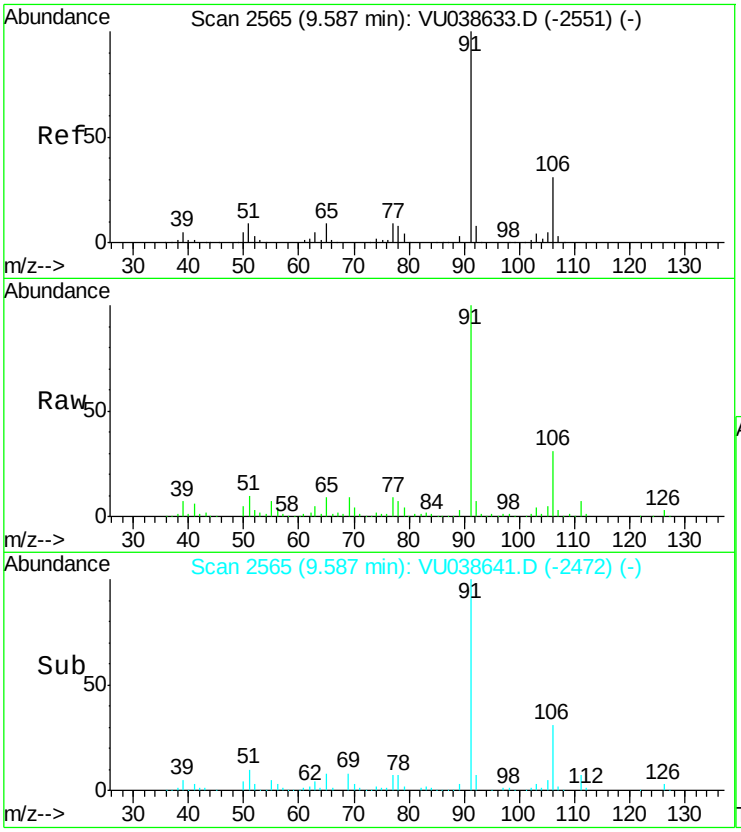


#42
Toluene
Concen: 3.231 ug/L
RT: 7.99 min Scan# 2069
Delta R.T. 0.00 min
Lab File: VU038641.D
Acq: 07 Jun 2020 01:44

Tgt Ion: 91 Resp: 294456

Ion	Ratio	Lower	Upper
91	100		
92	59.1	43.0	79.8

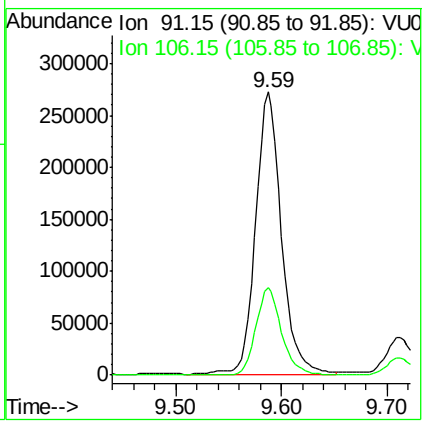




#52
Ethylbenzene
Concen: 4.570 ug/L
RT: 9.59 min Scan# 2565
Delta R.T. 0.00 min
Lab File: VU038641.D
Acq: 07 Jun 2020 01:44

Tgt Ion: 91 Resp: 463393

Ion	Ratio	Lower	Upper
91	100		
106	31.0	21.7	40.3



Instrument :
MSVOA_U
ClientSampleId :
F9D05

Manual Integrations APPROVED
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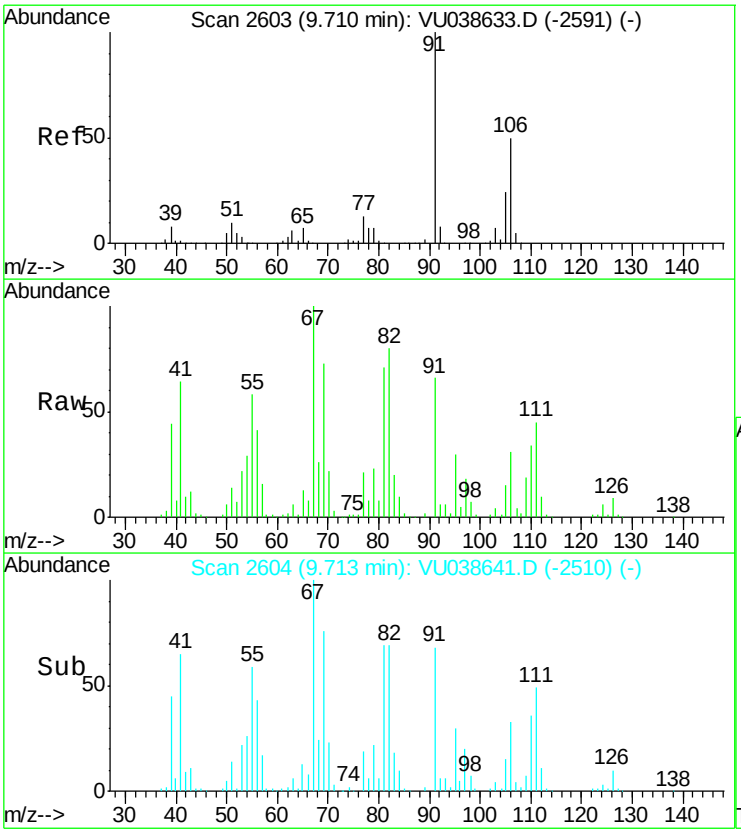
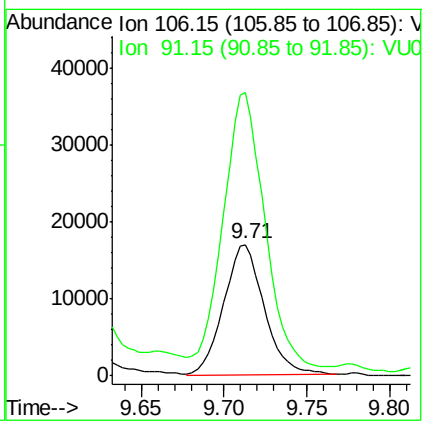
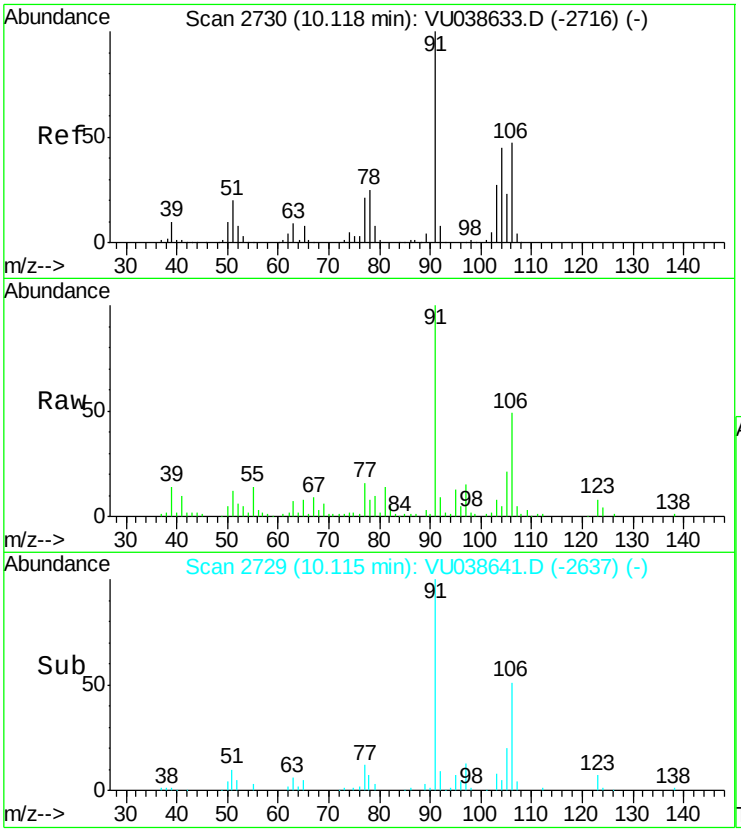


#53
m,p-Xylene
Concen: 0.740 ug/L
RT: 9.71 min Scan# 2604
Delta R.T. 0.00 min
Lab File: VU038641.D
Acq: 07 Jun 2020 01:44

Tgt Ion:106 Resp: 28853

Ion	Ratio	Lower	Upper
106	100		
91	215.1	138.1	256.5





#54
o-Xylene
Concen: 0.687 ug/L
RT: 10.11 min Scan# 2729
Delta R.T. -0.00 min
Lab File: VU038641.D
Acq: 07 Jun 2020 01:44

Tgt Ion:106 Resp: 25719

Ion	Ratio	Lower	Upper
106	100		
91	202.2	150.6	279.8

Instrument :
MSVOA_U
ClientSampleId :
F9D05

Manual Integrations APPROVED
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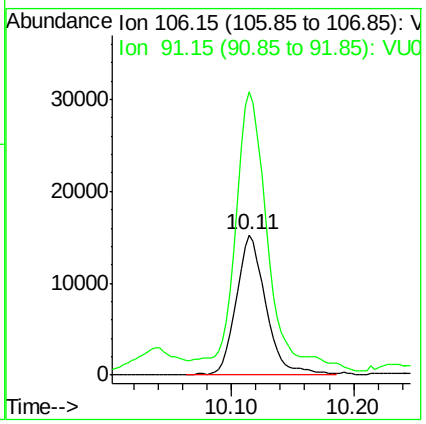
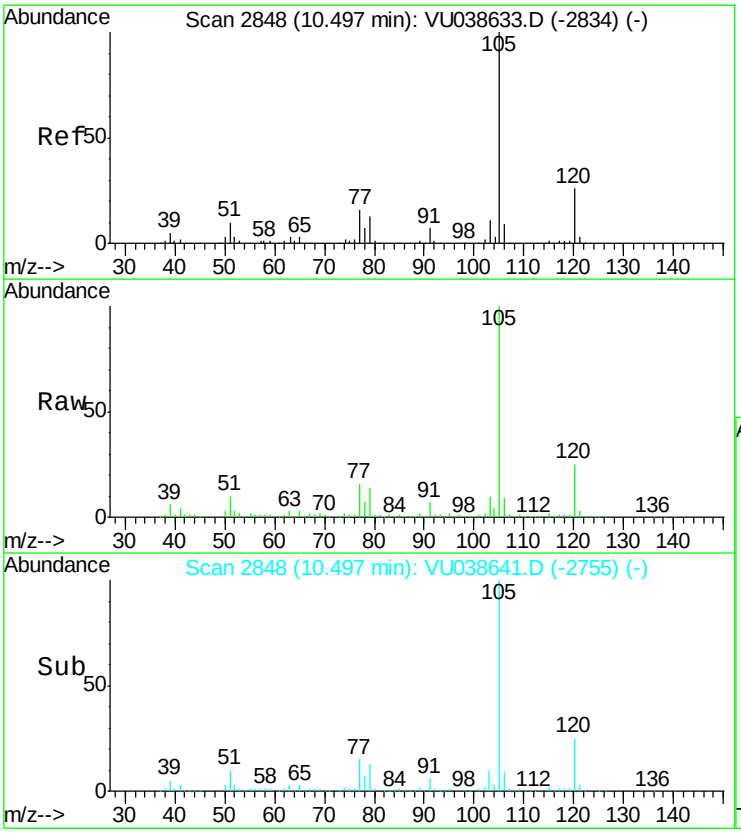
6/8/2020 1:55:55 PM





#56
Isopropylbenzene
Concen: 2.207 ug/L
RT: 10.50 min Scan# 2848
Delta R.T. 0.00 min
Lab File: VU038641.D
Acq: 07 Jun 2020 01:44

Tgt Ion:105 Resp: 217492

Ion	Ratio	Lower	Upper
105	100		
120	25.2	20.7	31.1
77	15.0	12.5	18.7