Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040519\
Data File : VU030703.D
Acq On : 04 Apr 2019 23:14
Operator : JC/SP
Sample : K2168-13DL 5X
Misc : 6.26g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF638DL

Manual Integrations APPROVED
MMDadoda
4/5/2019 10:21:13 AM

Quant Time: Apr 05 03:50:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 05 02:15:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	532576	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	511336	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	242011	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	206168	43.37	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 86.74%			
7) Chloroethane-d5	1.65	69	157971	43.78	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery = 87.56%			
11) 1,1-Dichloroethene-d2	2.26	63	284843m	33.13	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 66.26%			
21) 2-Butanone-d5	4.17	46	369551	98.08	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 98.08%			
24) Chloroform-d	4.64	84	317391	43.70	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.40%			
26) 1,2-Dichloroethane-d4	5.30	65	225274	45.46	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.92%			
32) Benzene-d6	5.33	84	692488	46.39	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.78%			
36) 1,2-Dichloropropane-d6	6.32	67	243229	47.55	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 95.10%			
41) Toluene-d8	7.56	98	622492	47.05	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.10%			
43) trans-1,3-Dichloropropene-	7.85	79	106399	45.61	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 91.22%			
47) 2-Hexanone-d5	8.31	63	238400	101.96	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 101.96%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	320385	46.43	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 92.86%			
64) 1,2-Dichlorobenzene-d4	11.85	152	224956	47.26	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.52%			
Target Compounds						Qvalue
29) Cyclohexane	4.98	56	222957	30.593	ug/L	87
33) Benzene	5.39	78	35867	2.143	ug/L	100
35) Methylcyclohexane	6.41	83	334500	52.812	ug/L	96
42) Toluene	7.64	91	24541	1.437	ug/L	99
52) Ethylbenzene	9.25	91	247856	13.312	ug/L	98
53) m,p-Xylene	9.37	106	173237	26.679	ug/L	99
54) o-xylene	9.77	106	22706	3.515	ug/L	94
56) Isopropylbenzene	10.16	105	49184	2.892	ug/L	98

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

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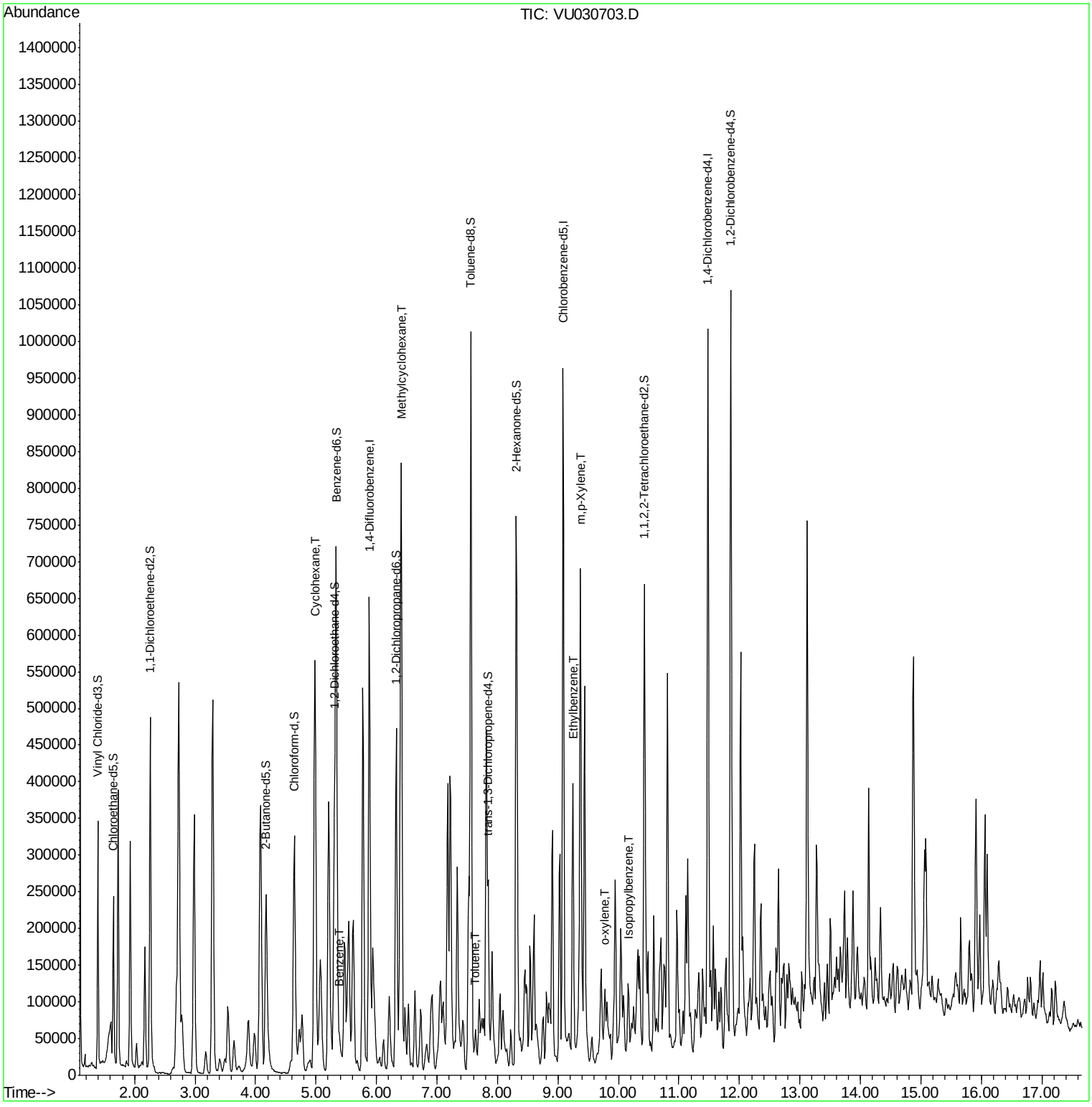
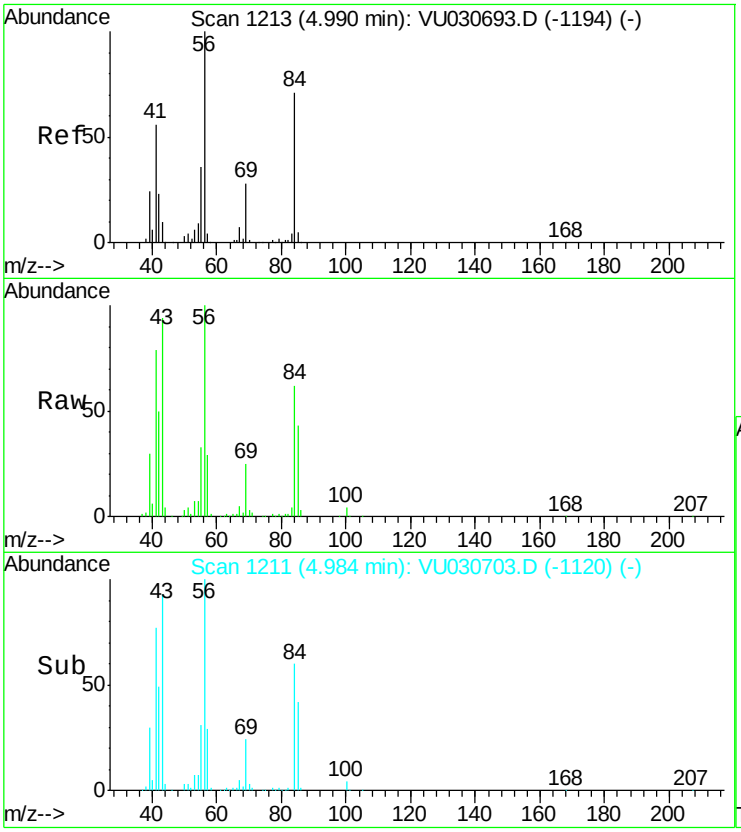
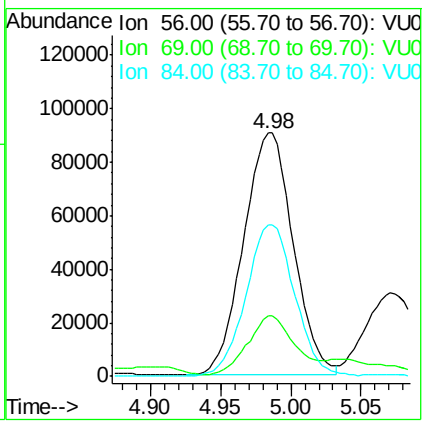




#29
Cyclohexane
Concen: 30.593 ug/L
RT: 4.98 min Scan# 1211
Delta R.T. -0.01 min
Lab File: VU030703.D
Acq: 04 Apr 2019 23:14

Tgt Ion: 56 Resp: 222957

Ion	Ratio	Lower	Upper
56	100		
69	22.7	22.0	33.0
84	60.8	58.2	87.2



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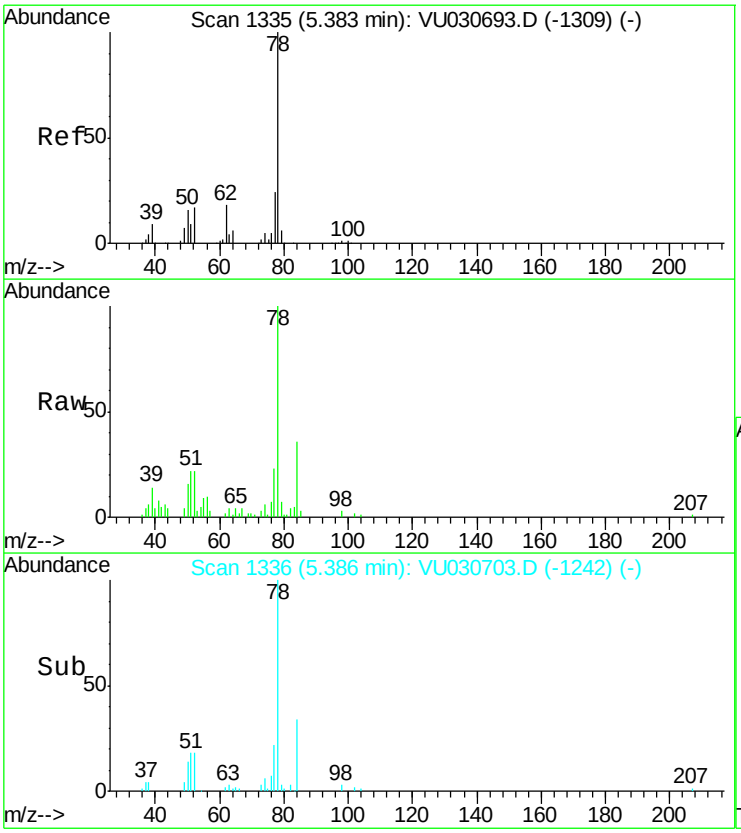
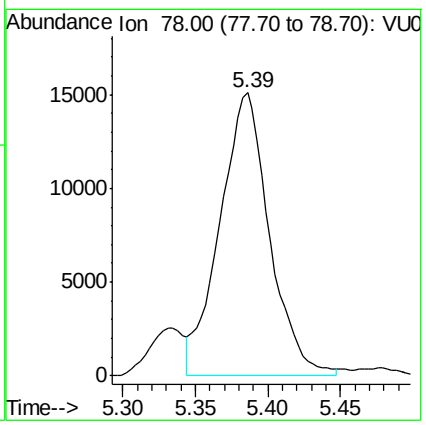
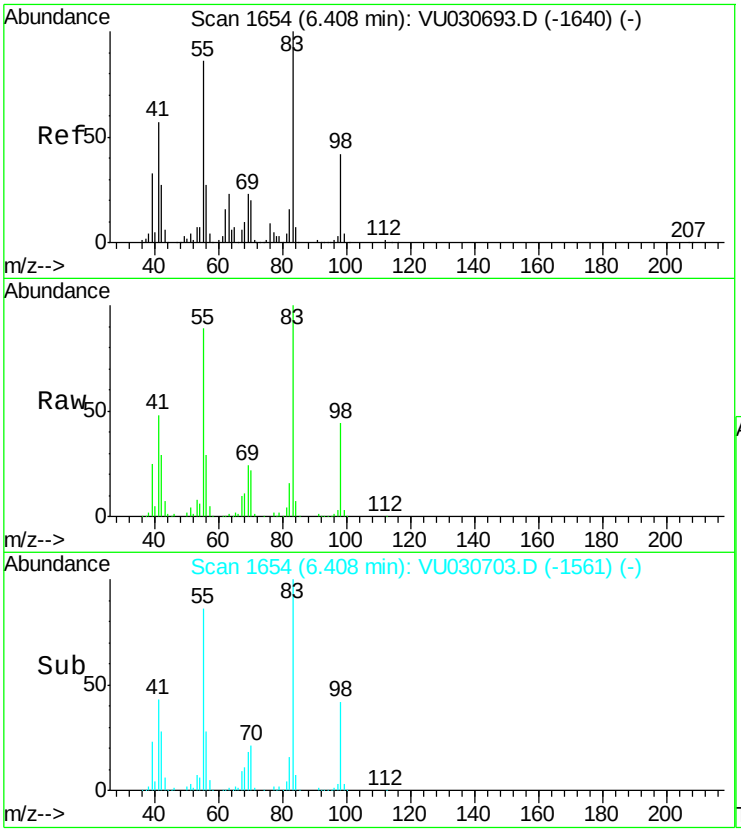


#33
Benzene
Concen: 2.143 ug/L
RT: 5.39 min Scan# 1336
Delta R.T. 0.00 min
Lab File: VU030703.D
Acq: 04 Apr 2019 23:14

Tgt Ion: 78 Resp: 35867

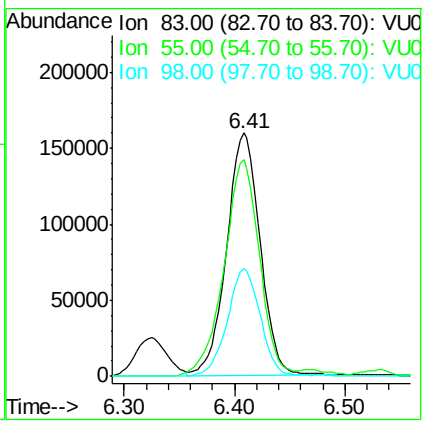




#35
Methylcyclohexane
Concen: 52.812 ug/L
RT: 6.41 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VU030703.D
Acq: 04 Apr 2019 23:14

Tgt Ion: 83 Resp: 334500

Ion	Ratio	Lower	Upper
83	100		
55	94.5	71.6	107.4
98	43.7	35.4	53.0



Instrument :
MSVOA_U
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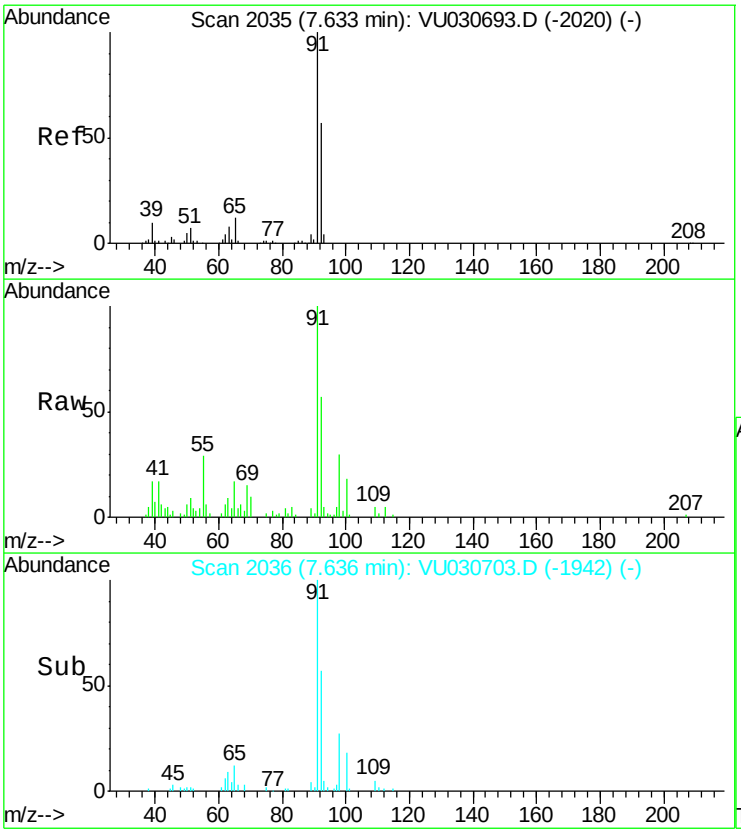
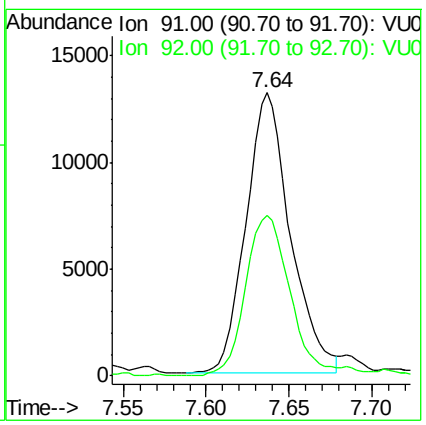
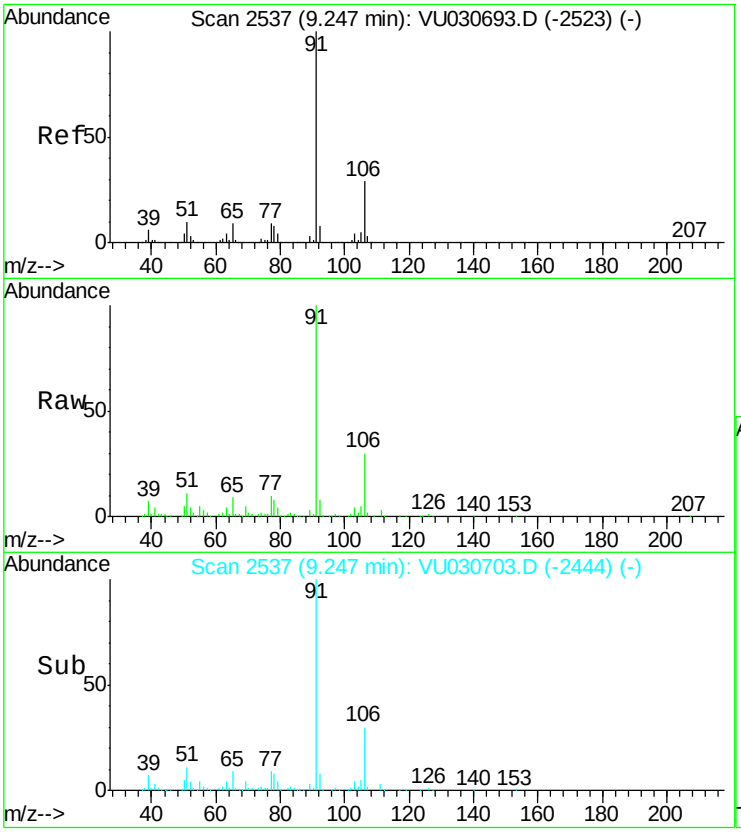


#42
Toluene
Concen: 1.437 ug/L
RT: 7.64 min Scan# 2036
Delta R.T. 0.00 min
Lab File: VU030703.D
Acq: 04 Apr 2019 23:14

Tgt Ion: 91 Resp: 24541

Ion	Ratio	Lower	Upper
91	100		
92	56.6	40.0	74.4

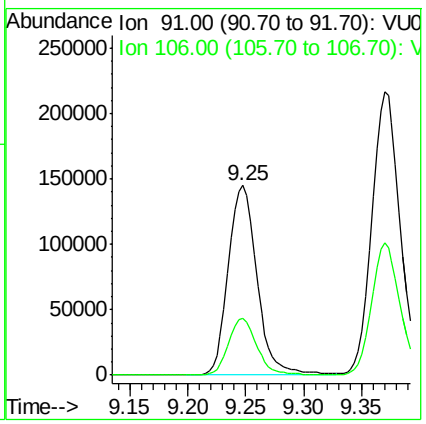




#52
Ethylbenzene
Concen: 13.312 ug/L
RT: 9.25 min Scan# 2537
Delta R.T. -0.00 min
Lab File: VU030703.D
Acq: 04 Apr 2019 23:14

Tgt Ion: 91 Resp: 247856

Ion	Ratio	Lower	Upper
91	100		
106	29.9	20.4	37.8



Instrument :
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ClientSampleId :
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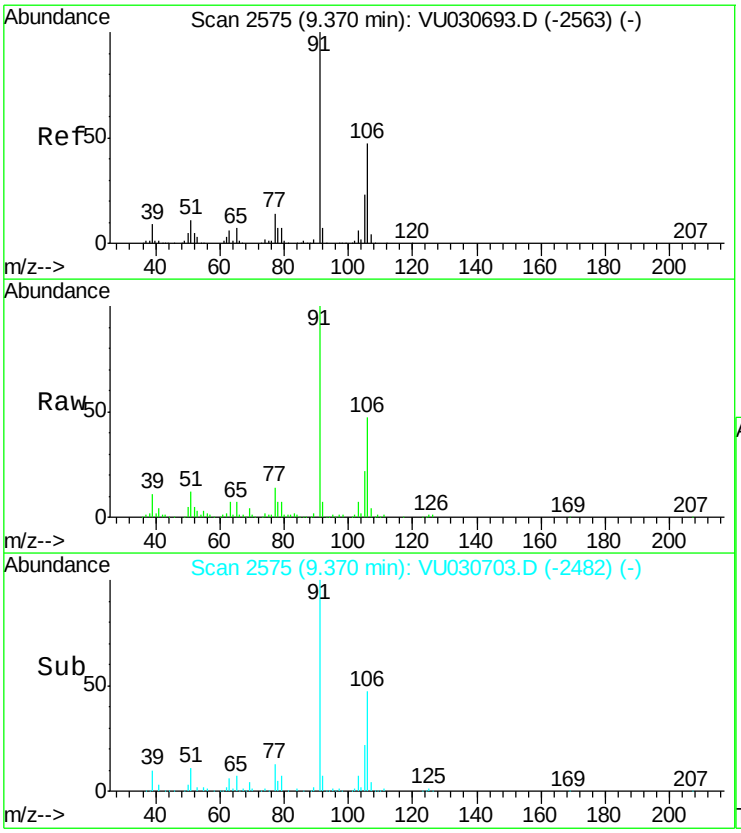
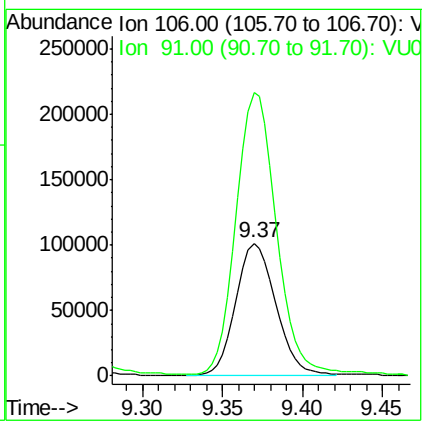
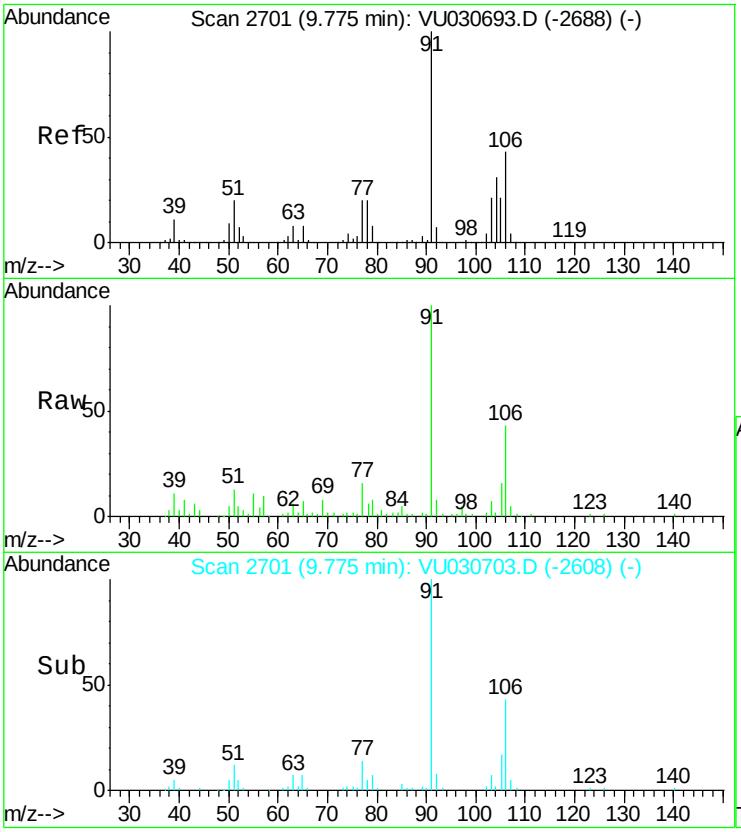


#53
m,p-Xylene
Concen: 26.679 ug/L
RT: 9.37 min Scan# 2575
Delta R.T. -0.00 min
Lab File: VU030703.D
Acq: 04 Apr 2019 23:14

Tgt Ion:106 Resp: 173237

Ion	Ratio	Lower	Upper
106	100		
91	213.2	148.0	274.8

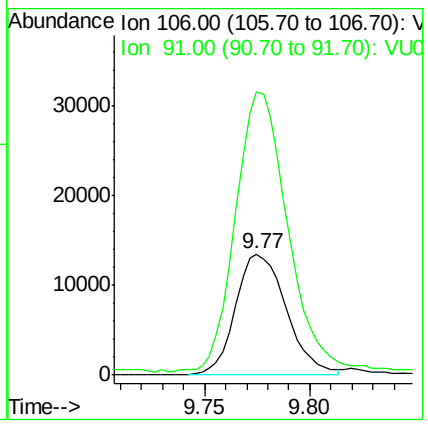




#54
o-xylene
Concen: 3.515 ug/L
RT: 9.77 min Scan# 2701
Delta R.T. -0.00 min
Lab File: VU030703.D
Acq: 04 Apr 2019 23:14

Tgt Ion:106 Resp: 22706

Ion	Ratio	Lower	Upper
106	100		
91	234.0	156.7	290.9



Instrument :
MSVOA_U
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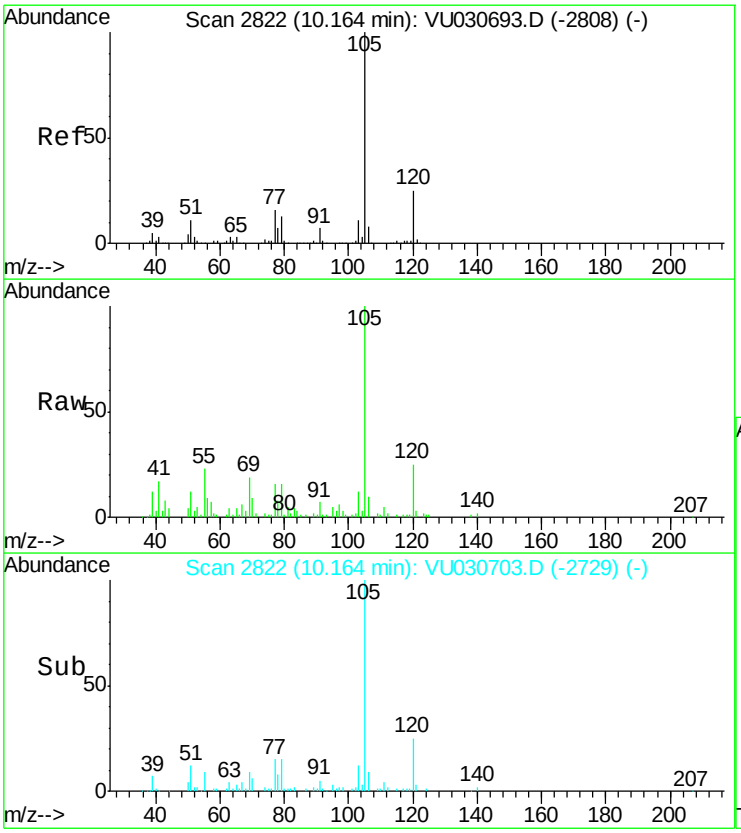

#56
Isopropylbenzene
Concen: 2.892 ug/L
RT: 10.16 min Scan# 2822
Delta R.T. -0.00 min
Lab File: VU030703.D
Acq: 04 Apr 2019 23:14

Tgt Ion:105 Resp: 49184

Ion	Ratio	Lower	Upper
105	100		
120	24.4	20.4	30.6
77	17.3	13.4	20.2