Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061019\
Data File : VU032589.D
Acq On : 11 Jun 2019 00:37
Operator : JC/SP
Sample : K3278-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB8D0

Manual Integrations APPROVED
MMDadoda
6/11/2019 11:55:11 AM

Quant Time: Jun 11 07:22:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 11 05:38:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	183441	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	171438	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	85818	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	56710	47.65	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 95.30%			
7) Chloroethane-d5	1.68	69	46936	49.08	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 98.16%			
11) 1,1-Dichloroethene-d2	2.27	63	86728	37.22	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 74.44%			
21) 2-Butanone-d5	4.17	46	98383	98.78	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 98.78%			
24) Chloroform-d	4.64	84	109998	49.56	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.12%			
26) 1,2-Dichloroethane-d4	5.30	65	72470	51.83	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.66%			
32) Benzene-d6	5.33	84	229074	51.47	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.94%			
36) 1,2-Dichloropropane-d6	6.32	67	71207	51.02	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 102.04%			
41) Toluene-d8	7.56	98	210309	49.84	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.68%			
43) trans-1,3-Dichloropropene-	7.85	79	32585	48.79	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 97.58%			
47) 2-Hexanone-d5	8.31	63	61681	91.12	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 91.12%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	100349	49.62	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 99.24%			
64) 1,2-Dichlorobenzene-d4	11.85	152	87463	53.21	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 106.42%			
Target Compounds						Qvalue
13) Acetone	2.32	43	2818	2.742	ug/L	95
33) Benzene	5.39	78	5076m	1.054	ug/L	
34) Trichloroethene	6.18	95	10260	7.829	ug/L	95
42) Toluene	7.64	91	9990	1.894	ug/L	100
53) m,p-Xylene	9.37	106	2344	1.048	ug/L	88
54) o-xylene	9.78	106	1250	0.563	ug/L	92

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

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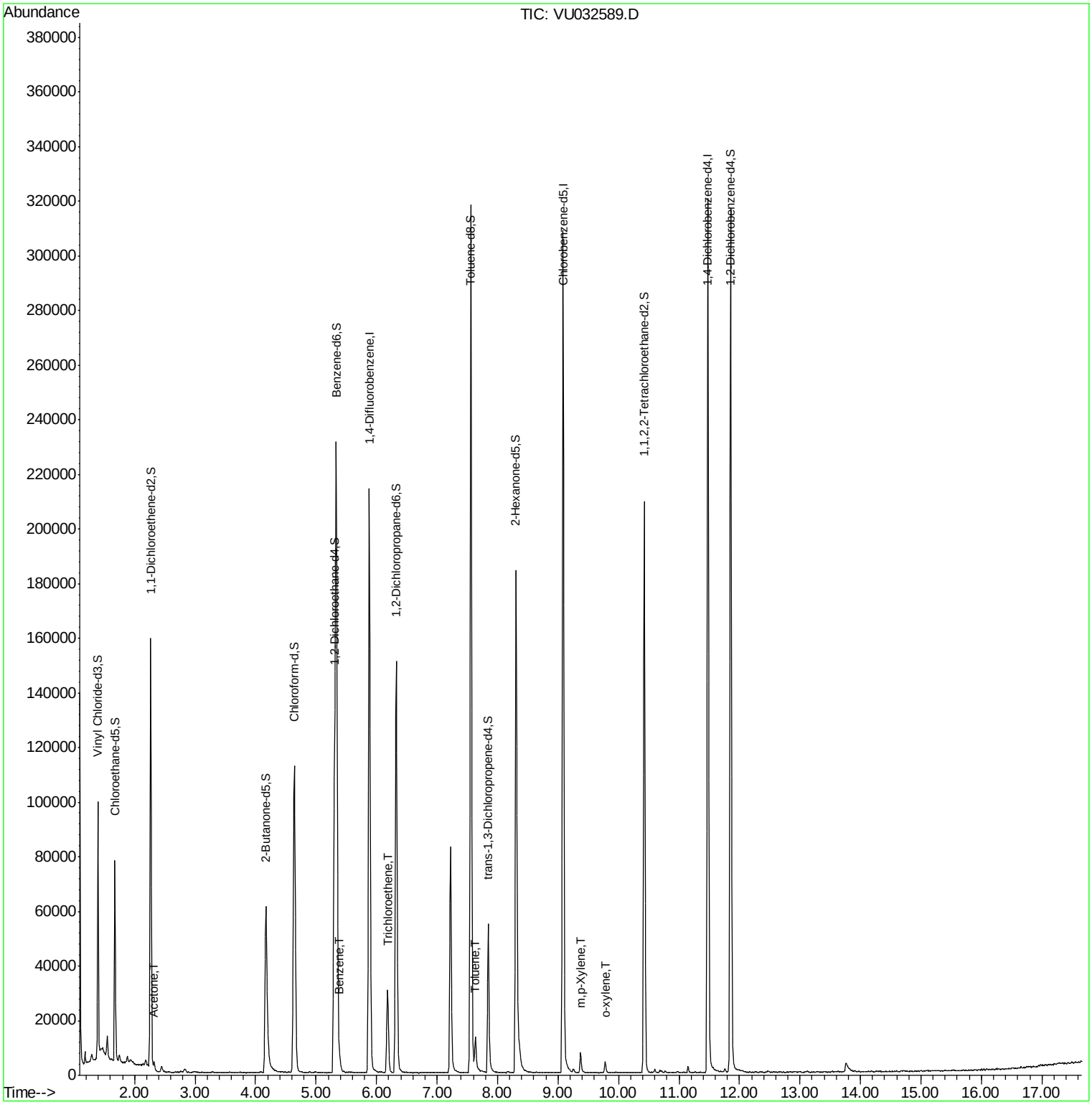
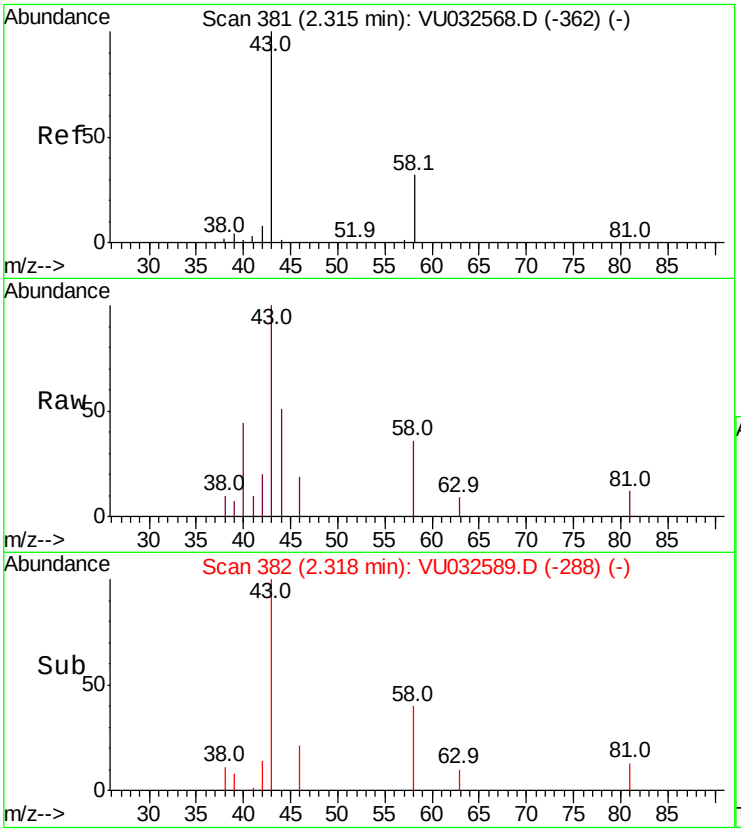
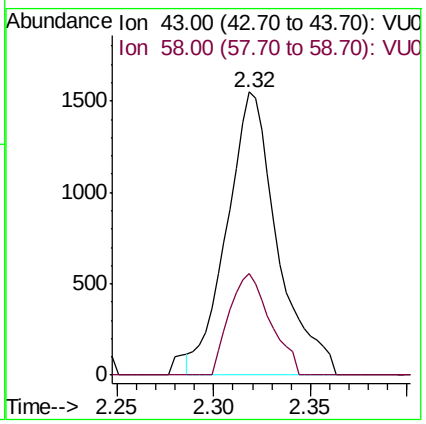




#13
Acetone
Concen: 2.742 ug/L
RT: 2.32 min Scan# 382
Delta R.T. 0.00 min
Lab File: VU032589.D
Acq: 11 Jun 2019 00:37

Tgt Ion: 43 Resp: 2818

Ion	Ratio	Lower	Upper
43	100		
58	29.1	0.0	64.0



Instrument :
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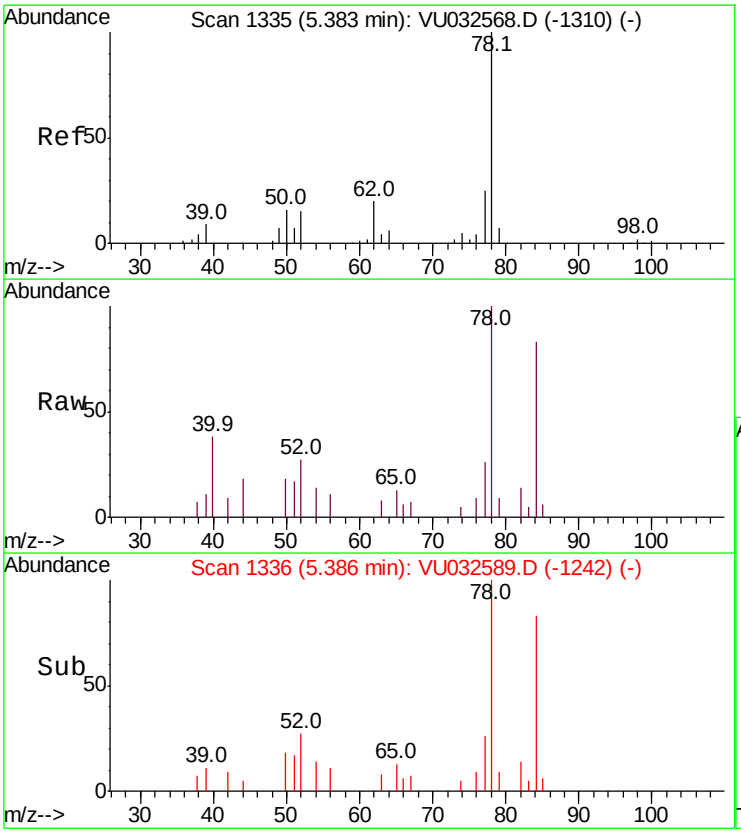
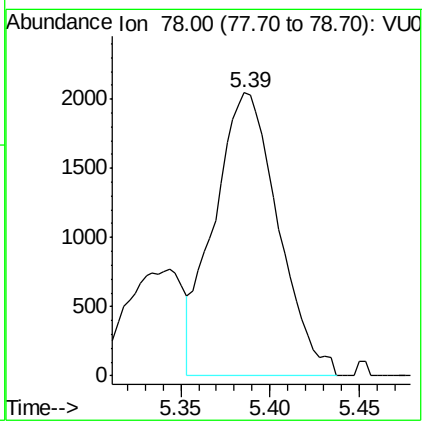
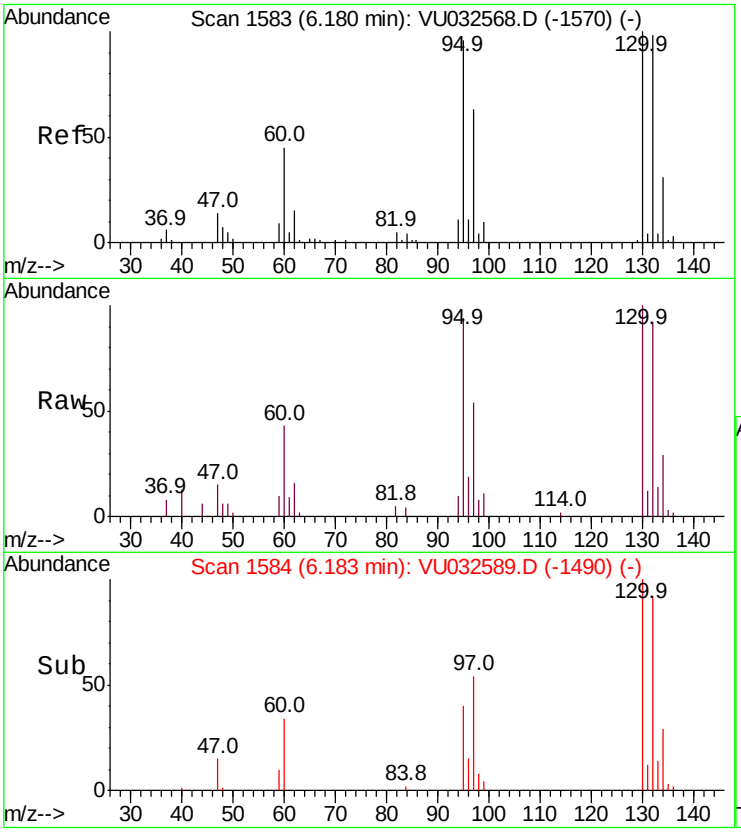


#33
Benzene
Concen: 1.054 ug/L m
RT: 5.39 min Scan# 1336
Delta R.T. 0.00 min
Lab File: VU032589.D
Acq: 11 Jun 2019 00:37

Tgt Ion: 78 Resp: 5076

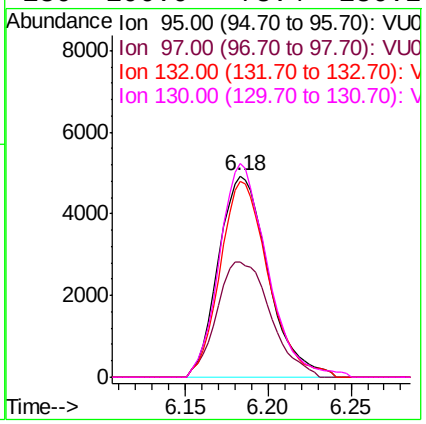




#34
Trichloroethene
Concen: 7.829 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VU032589.D
Acq: 11 Jun 2019 00:37

Tgt Ion: 95 Resp: 10260

Ion	Ratio	Lower	Upper
95	100		
97	56.9	45.8	85.2
132	97.3	71.0	131.8
130	106.0	73.4	136.2



Instrument :
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ClientSampleId :
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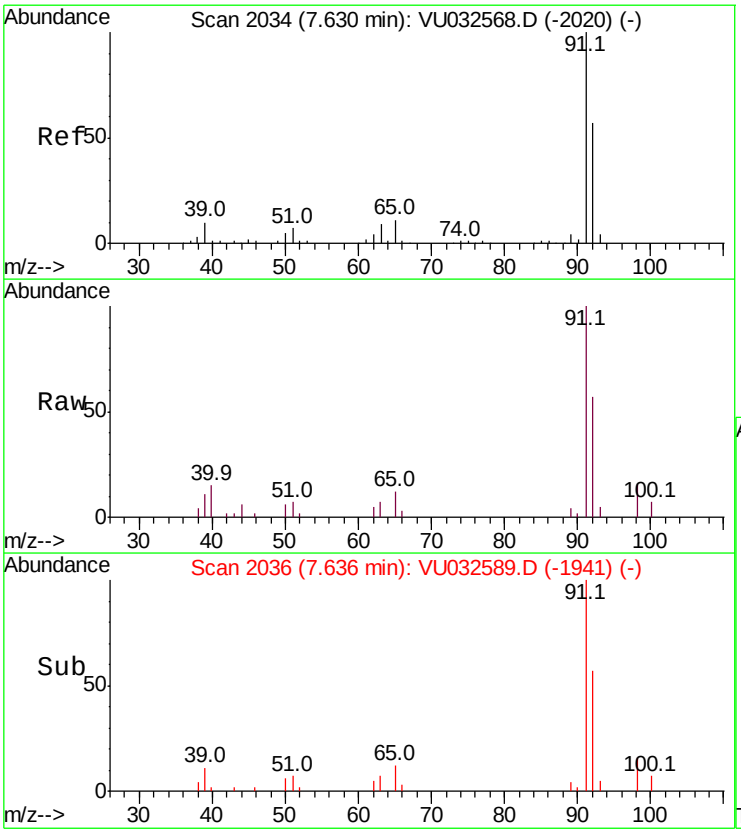
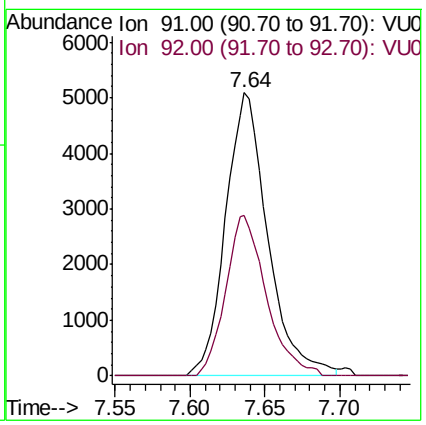
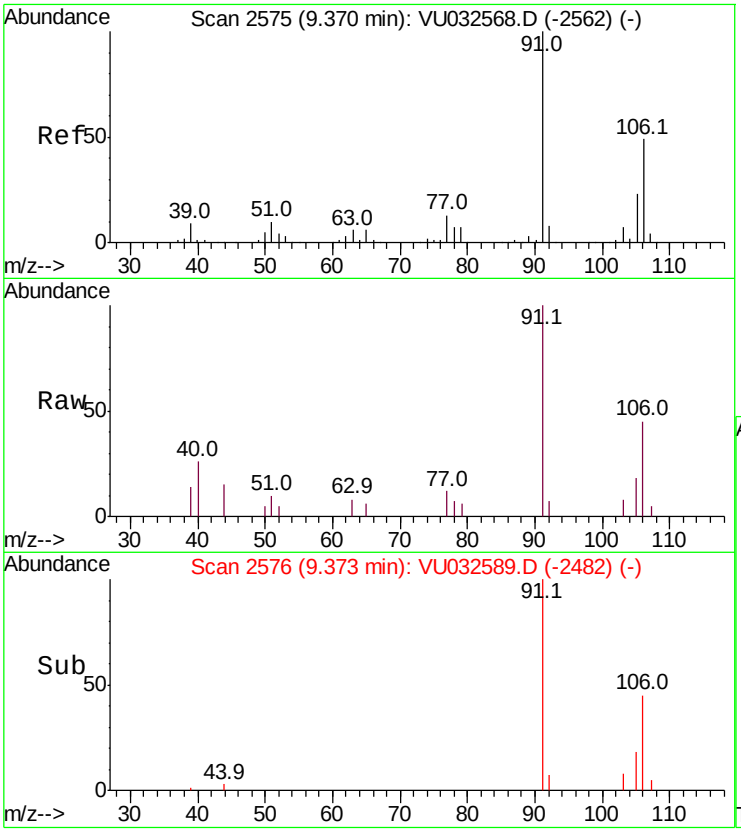


#42
Toluene
Concen: 1.894 ug/L
RT: 7.64 min Scan# 2036
Delta R.T. 0.01 min
Lab File: VU032589.D
Acq: 11 Jun 2019 00:37

Tgt Ion: 91 Resp: 9990

Ion	Ratio	Lower	Upper
91	100		
92	56.7	39.7	73.7

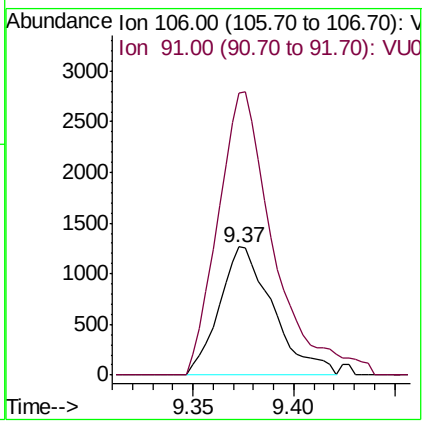




#53
m,p-Xylene
Concen: 1.048 ug/L
RT: 9.37 min Scan# 2576
Delta R.T. 0.00 min
Lab File: VU032589.D
Acq: 11 Jun 2019 00:37

Tgt Ion:106 Resp: 2344

Ion	Ratio	Lower	Upper
106	100		
91	220.0	141.7	263.1



Instrument :
MSVOA_U
ClientSampleId :
DB8D0

Manual Integrations APPROVED
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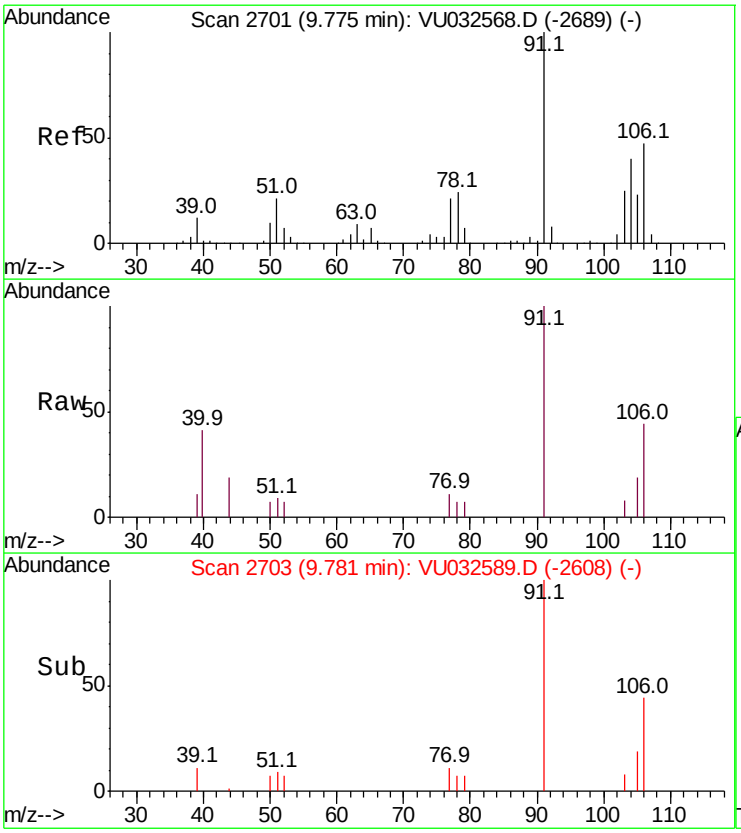

#54
o-xylene
Concen: 0.563 ug/L
RT: 9.78 min Scan# 2703
Delta R.T. 0.01 min
Lab File: VU032589.D
Acq: 11 Jun 2019 00:37

Tgt Ion:106 Resp: 1250

Ion	Ratio	Lower	Upper
106	100		
91	227.7	150.1	278.7