Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101219\
Data File : VU035120.D
Acq On : 12 Oct 2019 04:29
Operator : JC/SP
Sample : K5309-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : TB-2-191007-01

Quant Time: Oct 14 01:46:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Oct 14 01:16:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	167456	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	175134	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	67161	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	50471	5.10	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 102.00%			
7) Chloroethane-d5	1.68	69	49293	5.33	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 106.60%			
11) 1,1-Dichloroethene-d2	2.26	63	75991	3.64	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 72.80%			
20) 2-Butanone-d5	4.17	46	147504	50.60	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 101.20%			
24) Chloroform-d	4.63	84	90840	4.91	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.20%			
26) 1,2-Dichloroethane-d4	5.29	65	54823	4.95	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.00%			
32) Benzene-d6	5.32	84	189308	4.61	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.20%			
36) 1,2-Dichloropropane-d6	6.31	67	67557	4.92	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.40%			
41) Toluene-d8	7.55	98	167311	4.21	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.20%			
43) trans-1,3-Dichloropropene-	7.84	79	17674	3.58	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 71.60%			
46) 2-Hexanone-d5	8.31	63	103821	44.18	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 88.36%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	56581	4.89	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.80%			
64) 1,2-Dichlorobenzene-d4	11.84	152	56909	5.02	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.40%			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	4492	0.268	ug/L	98
13) Acetone	2.31	43	14830	6.212	ug/L	95
25) Chloroform	4.66	83	11813	0.459	ug/L	99
42) Toluene	7.62	91	24898	0.452	ug/L	97
53) m,p-Xylene	9.36	106	3354	0.149	ug/L	85
55) Styrene	9.78	104	6468	0.182	ug/L	98

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

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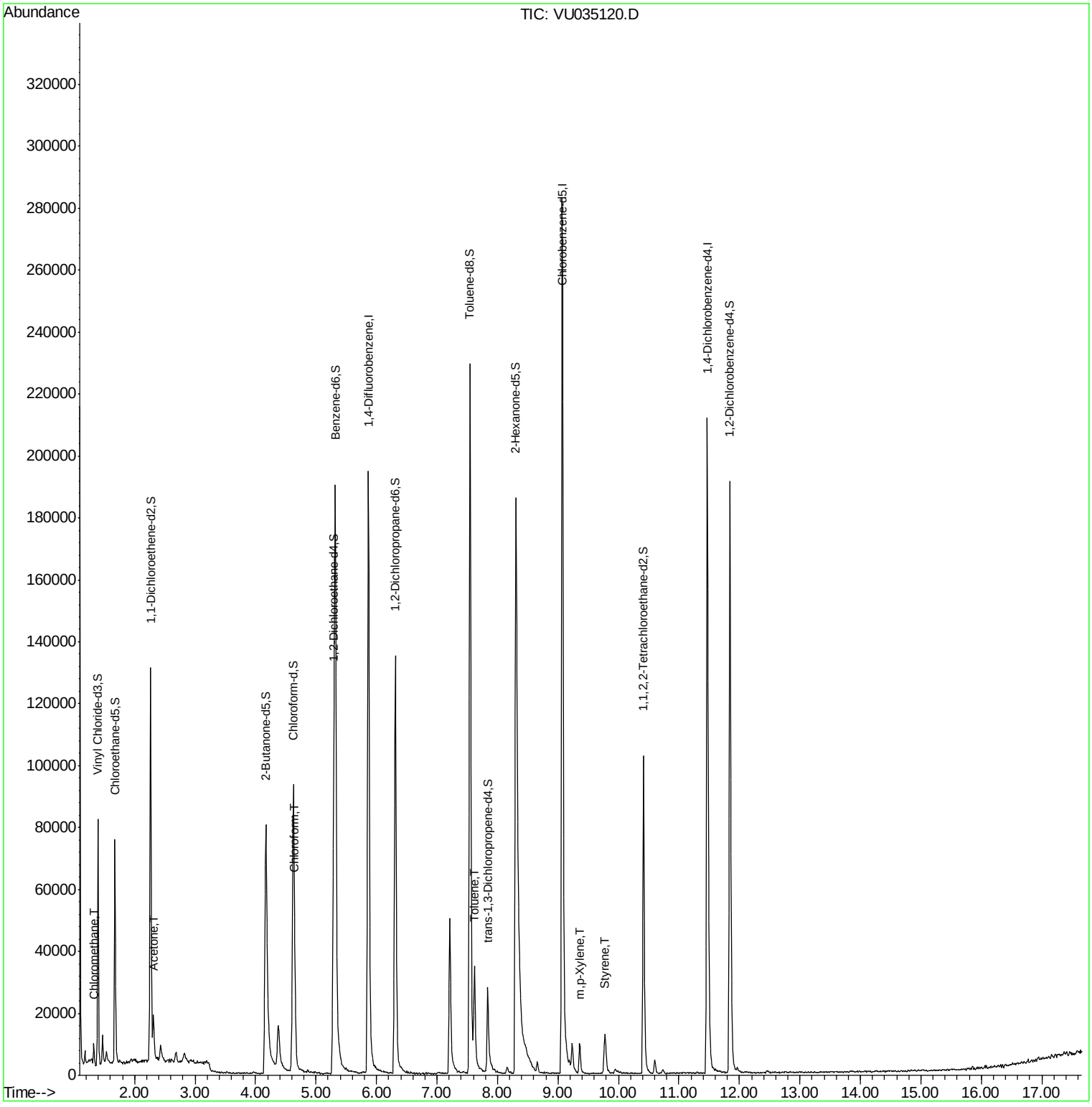
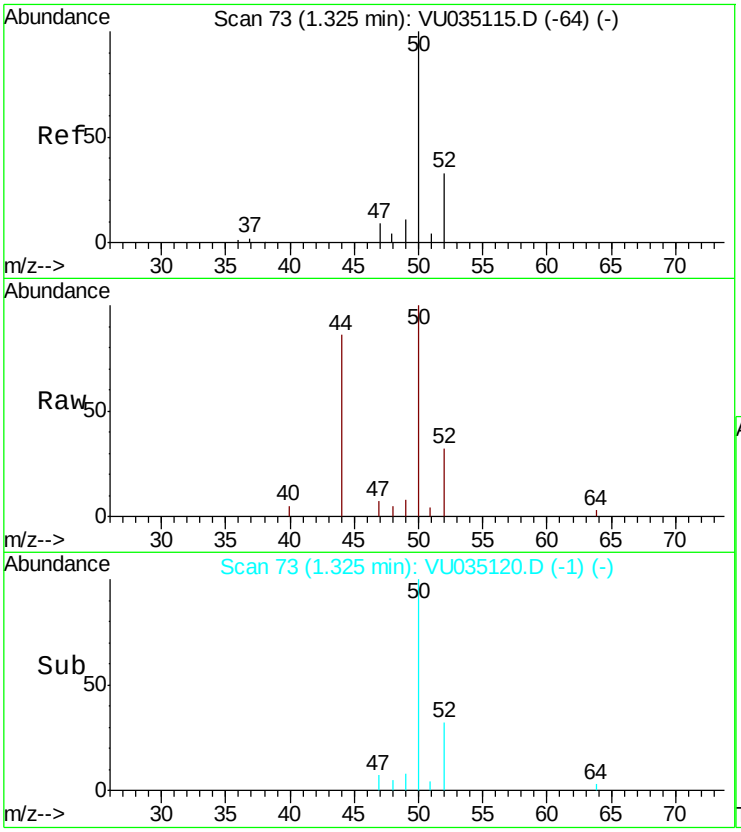


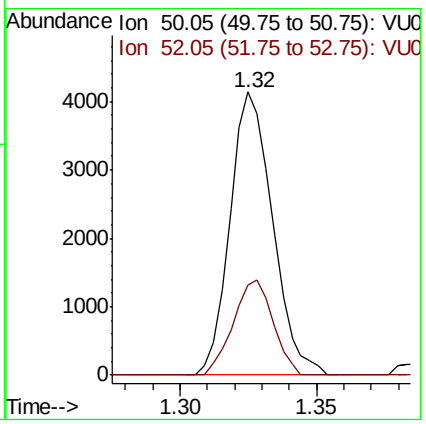


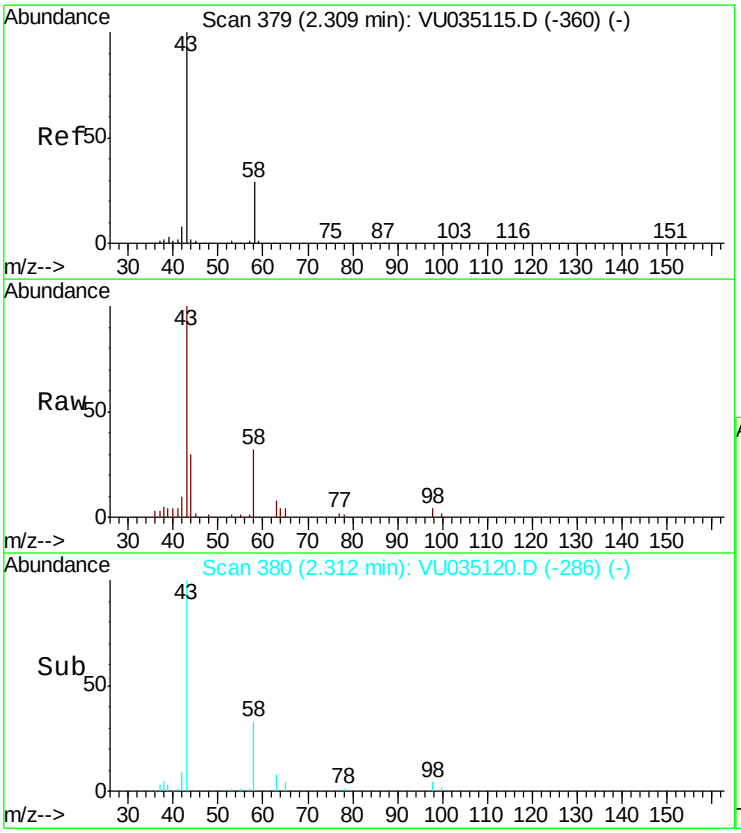
#3
Chloromethane
Concen: 0.268 ug/L
RT: 1.32 min Scan# 73
Delta R.T. 0.00 min
Lab File: VU035120.D
Acq: 12 Oct 2019 04:29

Instrument :
MSVOA_U
ClientSampleId :
TB-2-191007-01

Tgt Ion: 50 Resp: 4492

Ion	Ratio	Lower	Upper
50	100		
52	31.9	23.3	43.3

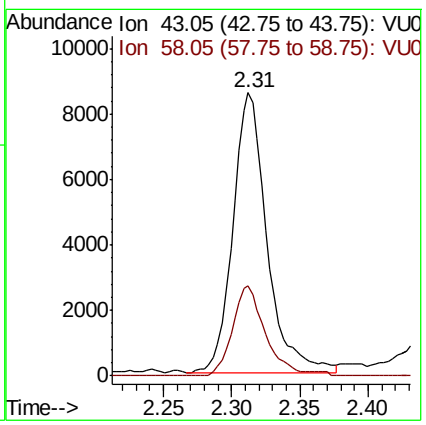


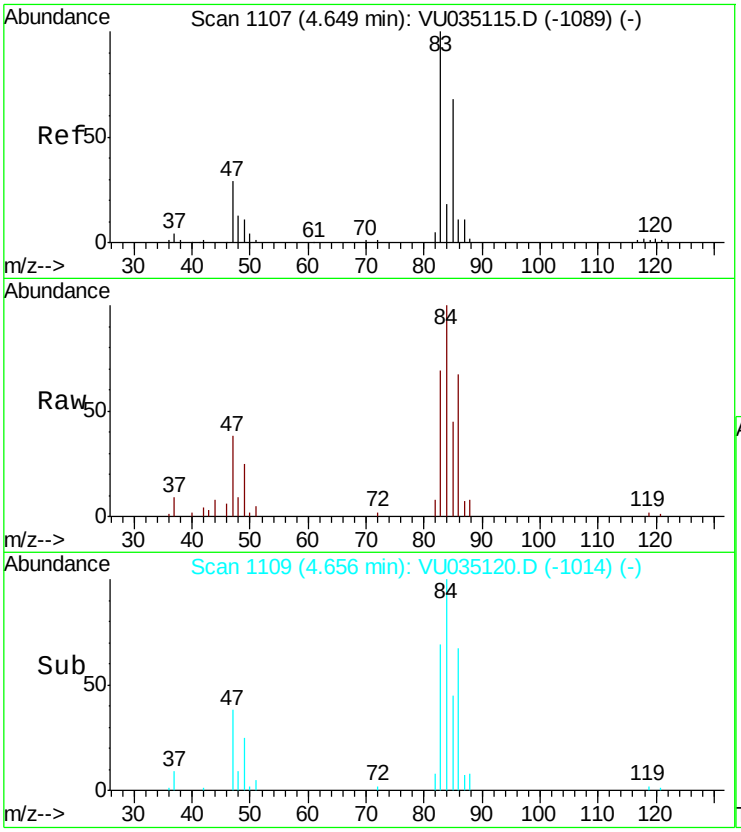


#13
Acetone
Concen: 6.212 ug/L
RT: 2.31 min Scan# 380
Delta R.T. 0.00 min
Lab File: VU035120.D
Acq: 12 Oct 2019 04:29

Tgt Ion: 43 Resp: 14830

Ion	Ratio	Lower	Upper
43	100		
58	30.6	0.0	66.6



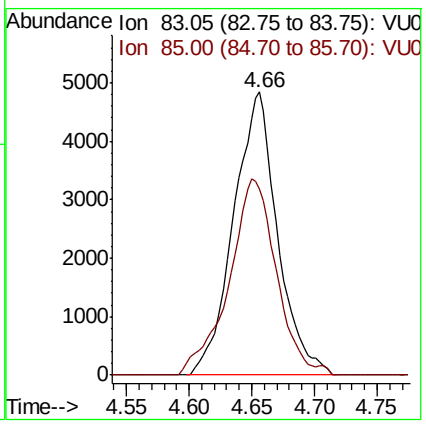


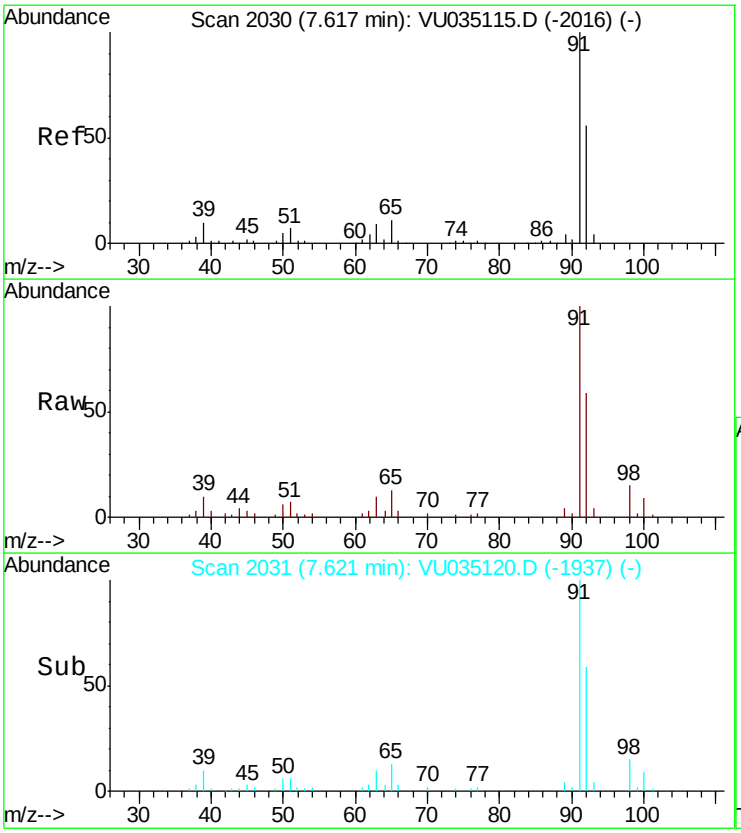
#25
Chloroform
Concen: 0.459 ug/L
RT: 4.66 min Scan# 1109
Delta R.T. 0.01 min
Lab File: VU035120.D
Acq: 12 Oct 2019 04:29

Instrument : MSVOA_U
ClientSampleId : TB-2-191007-01

Tgt Ion: 83 Resp: 11813

Ion	Ratio	Lower	Upper
83	100		
85	65.7	45.4	84.4

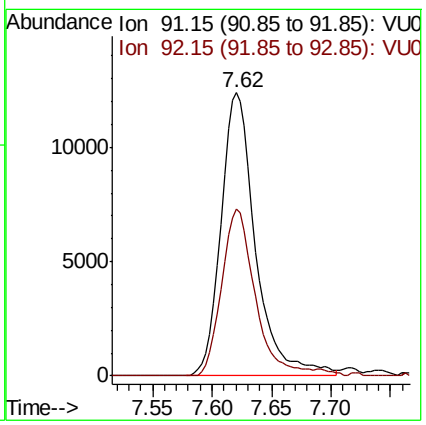


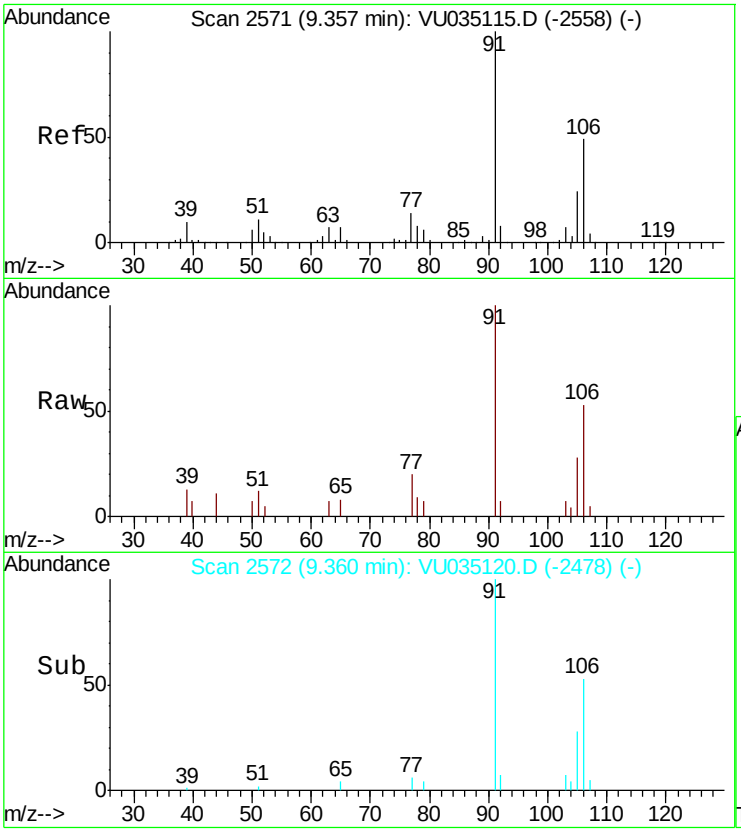


#42
Toluene
Concen: 0.452 ug/L
RT: 7.62 min Scan# 2031
Delta R.T. 0.00 min
Lab File: VU035120.D
Acq: 12 Oct 2019 04:29

Tgt Ion: 91 Resp: 24898

Ion	Ratio	Lower	Upper
91	100		
92	58.9	40.0	74.2



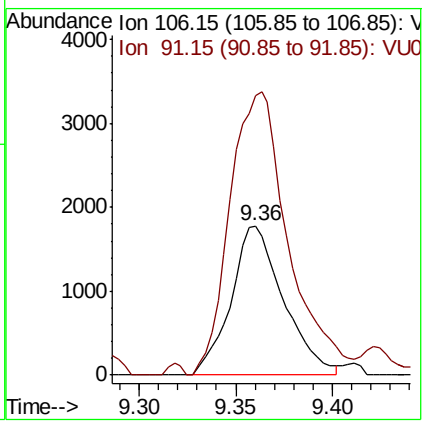


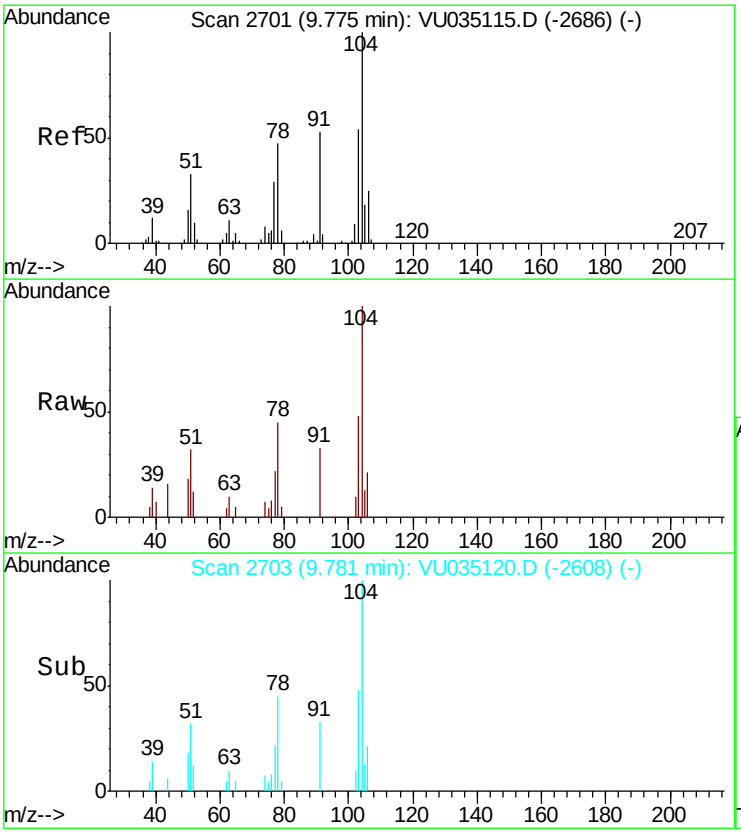
#53
m,p-Xylene
Concen: 0.149 ug/L
RT: 9.36 min Scan# 2572
Delta R.T. 0.00 min
Lab File: VU035120.D
Acq: 12 Oct 2019 04:29

Instrument : MSVOA_U
ClientSampleId : TB-2-191007-01

Tgt Ion:106 Resp: 3354

Ion	Ratio	Lower	Upper
106	100		
91	187.7	147.6	274.0





#55
Styrene
Concen: 0.182 ug/L
RT: 9.78 min Scan# 2703
Delta R.T. 0.01 min
Lab File: VU035120.D
Acq: 12 Oct 2019 04:29

Tgt Ion:104 Resp: 6468

Ion	Ratio	Lower	Upper
104	100		
78	45.4	32.8	60.8