Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101219\
Data File : VU035119.D
Acq On : 12 Oct 2019 04:05
Operator : JC/SP
Sample : K5309-19
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : TB-191007-01

Quant Time: Oct 14 01:43:07 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	5.87	114	171776	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	179387	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	67304	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	51380	5.06	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 101.20%			
7) Chloroethane-d5	1.68	69	48349	5.10	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 102.00%			
11) 1,1-Dichloroethene-d2	2.26	63	74522	3.48	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 69.60%			
20) 2-Butanone-d5	4.17	46	151057	50.52	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 101.04%			
24) Chloroform-d	4.63	84	92174	4.86	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.20%			
26) 1,2-Dichloroethane-d4	5.29	65	54905	4.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.60%			
32) Benzene-d6	5.32	84	192712	4.58	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.60%			
36) 1,2-Dichloropropane-d6	6.31	67	66353	4.72	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.40%			
41) Toluene-d8	7.55	98	167806	4.12	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 82.40%			
43) trans-1,3-Dichloropropene-	7.84	79	19181	3.79	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 75.80%			
46) 2-Hexanone-d5	8.30	63	102084	42.41	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 84.82%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	56358	4.76	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.20%			
64) 1,2-Dichlorobenzene-d4	11.85	152	56992	5.02	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.40%			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	6834	0.397	ug/L	97
13) Acetone	2.31	43	17193	7.020	ug/L	100
25) Chloroform	4.65	83	9357	0.355	ug/L	90
42) Toluene	7.62	91	24700	0.438	ug/L	93
53) m,p-Xylene	9.36	106	3850	0.167	ug/L	83
55) Styrene	9.78	104	6363	0.175	ug/L	89

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

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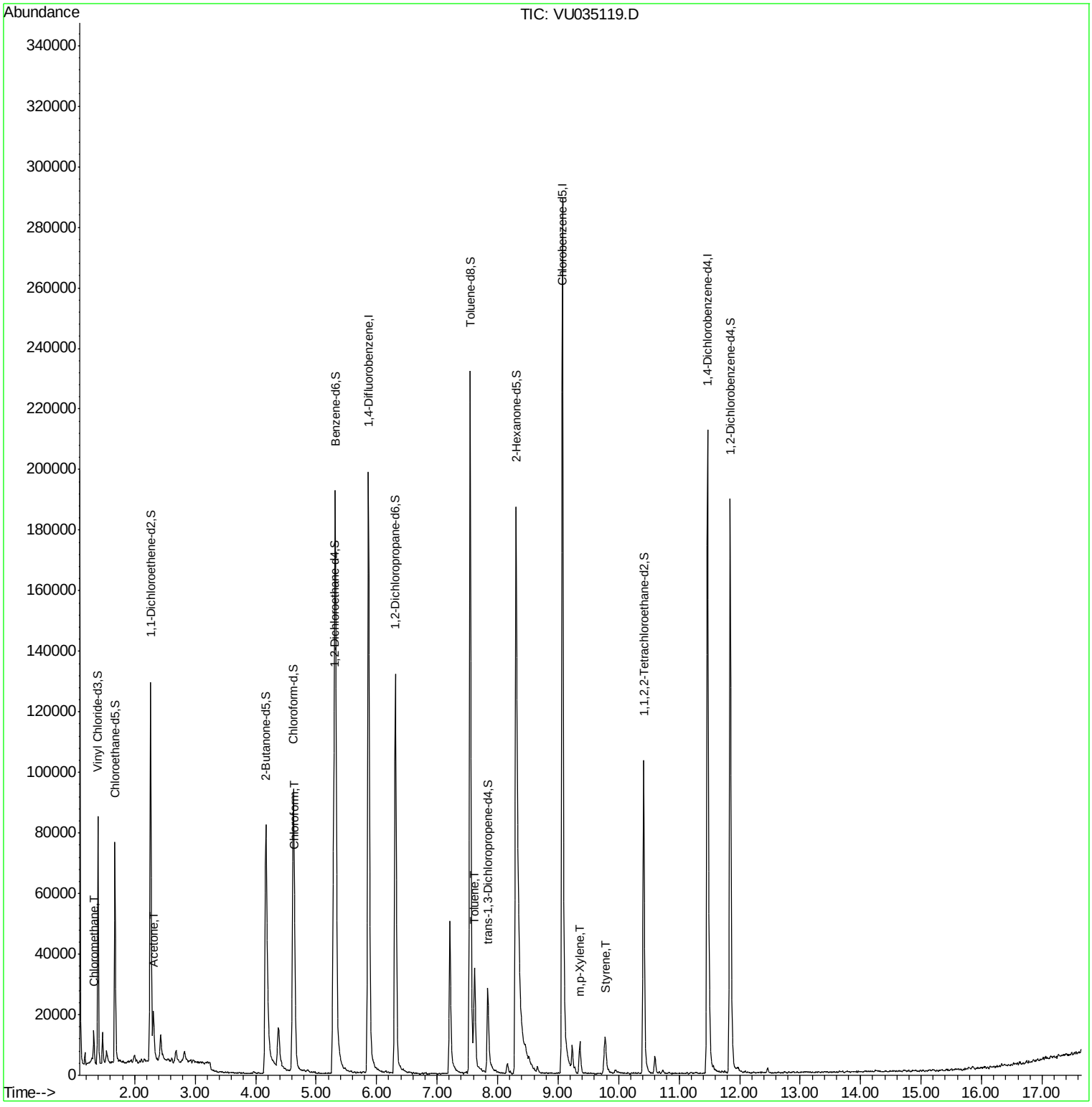
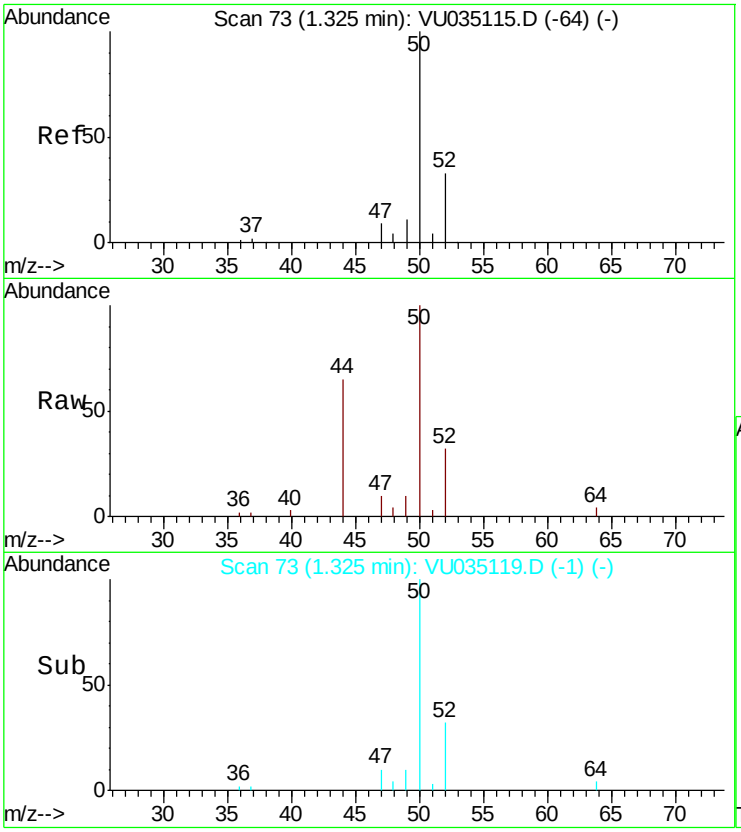


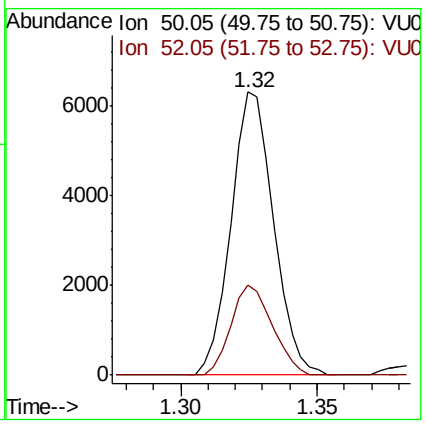


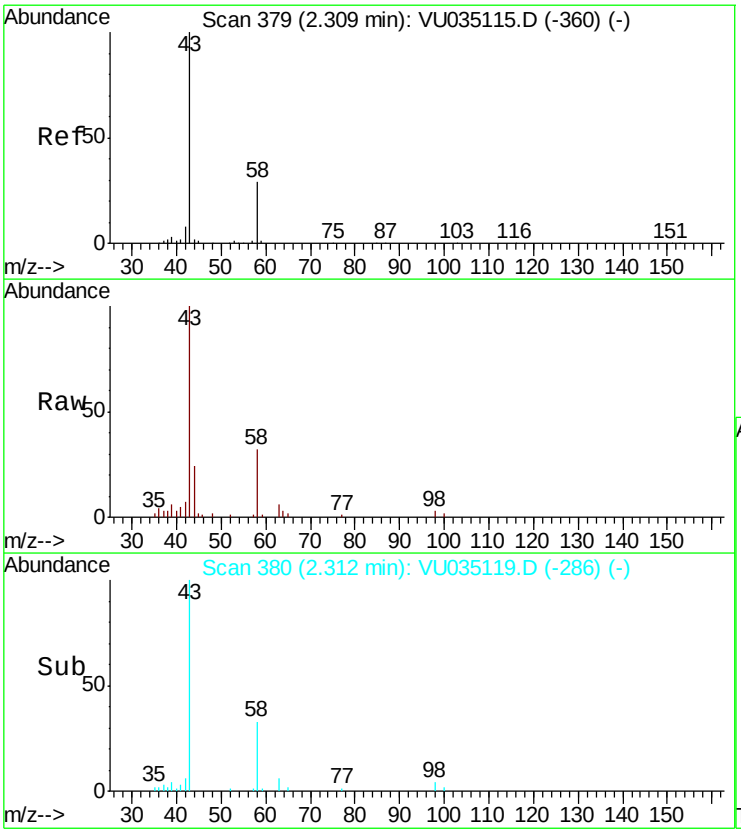
#3
Chloromethane
Concen: 0.397 ug/L
RT: 1.32 min Scan# 73
Delta R.T. -0.00 min
Lab File: VU035119.D
Acq: 12 Oct 2019 04:05

Instrument :
MSVOA_U
ClientSampleId :
TB-191007-01

Tgt Ion: 50 Resp: 6834

Ion	Ratio	Lower	Upper
50	100		
52	31.7	23.3	43.3

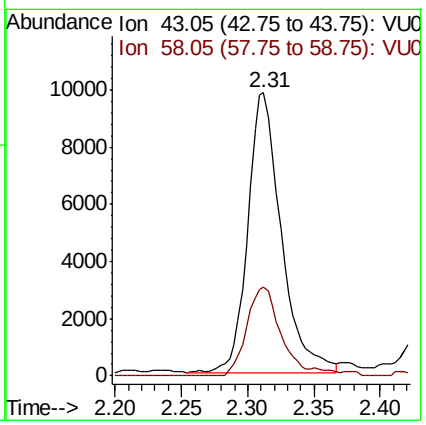


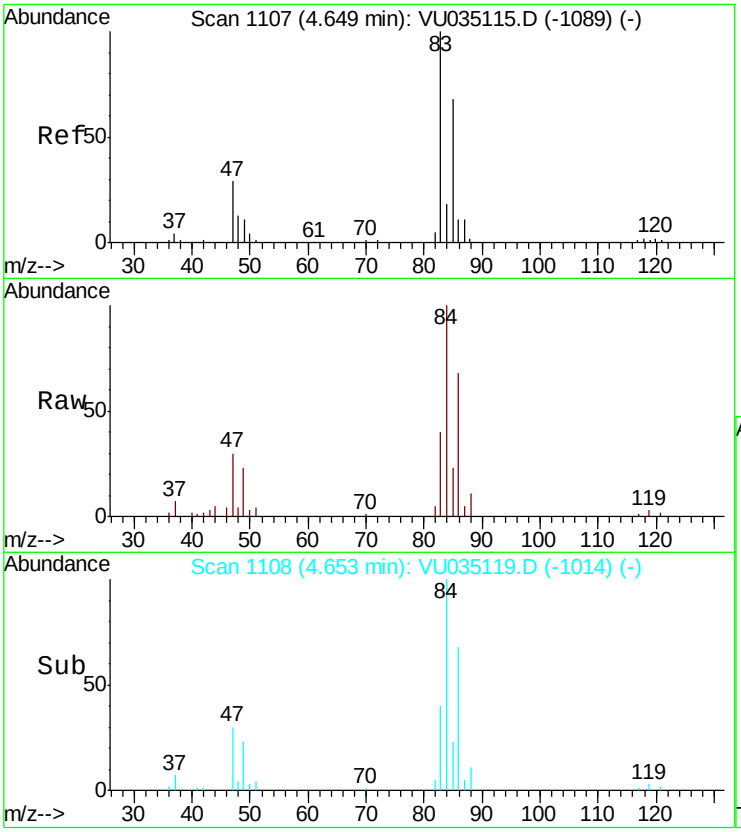


#13
Acetone
Concen: 7.020 ug/L
RT: 2.31 min Scan# 380
Delta R.T. 0.00 min
Lab File: VU035119.D
Acq: 12 Oct 2019 04:05

Tgt Ion: 43 Resp: 17193

Ion	Ratio	Lower	Upper
43	100		
58	33.1	0.0	66.6



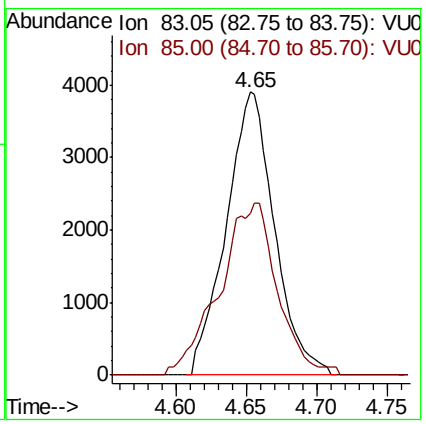


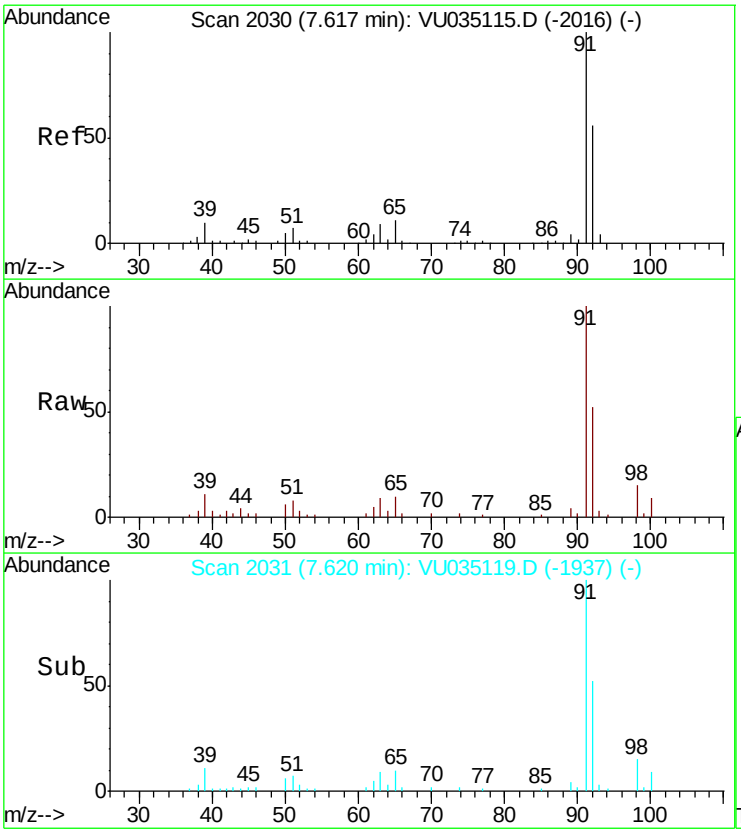
#25
Chloroform
Concen: 0.355 ug/L
RT: 4.65 min Scan# 1108
Delta R.T. 0.00 min
Lab File: VU035119.D
Acq: 12 Oct 2019 04:05

Instrument :
MSVOA_U
ClientSampleId :
TB-191007-01

Tgt Ion: 83 Resp: 9357

Ion	Ratio	Lower	Upper
83	100		
85	57.2	45.4	84.4

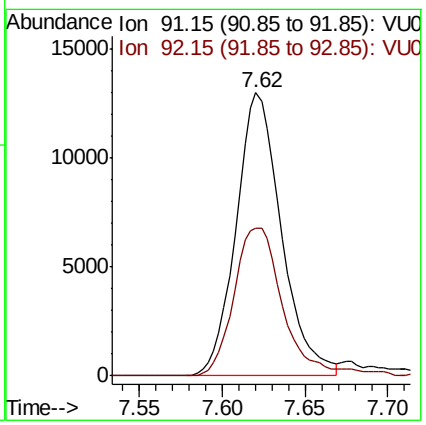


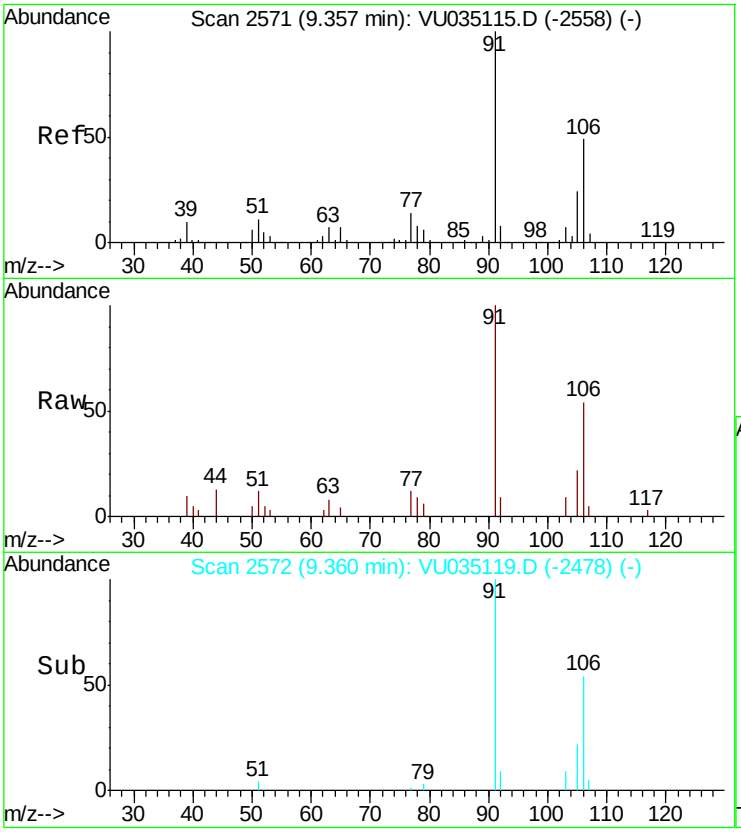


#42
Toluene
Concen: 0.438 ug/L
RT: 7.62 min Scan# 2031
Delta R.T. 0.00 min
Lab File: VU035119.D
Acq: 12 Oct 2019 04:05

Tgt Ion: 91 Resp: 24700

Ion	Ratio	Lower	Upper
91	100		
92	52.0	40.0	74.2



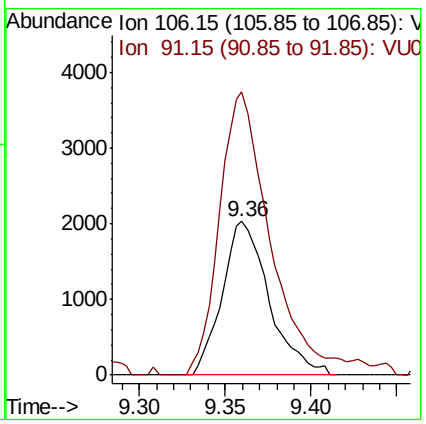


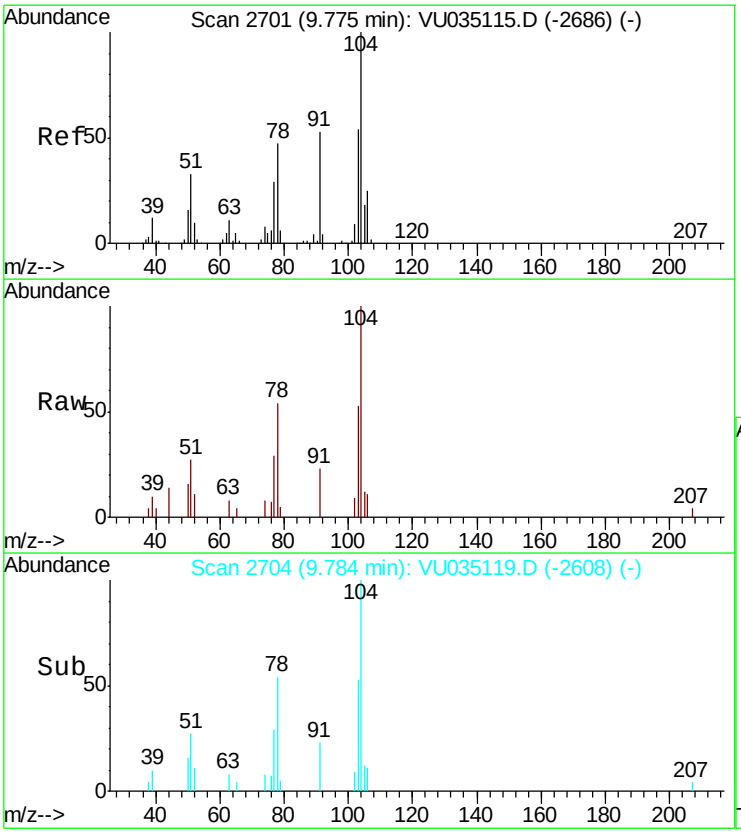
#53
m,p-Xylene
Concen: 0.167 ug/L
RT: 9.36 min Scan# 2572
Delta R.T. 0.00 min
Lab File: VU035119.D
Acq: 12 Oct 2019 04:05

Instrument :
MSVOA_U
ClientSampleId :
TB-191007-01

Tgt Ion:106 Resp: 3850

Ion	Ratio	Lower	Upper
106	100		
91	183.9	147.6	274.0





#55
Styrene
Concen: 0.175 ug/L
RT: 9.78 min Scan# 2704
Delta R.T. 0.01 min
Lab File: VU035119.D
Acq: 12 Oct 2019 04:05

Tgt Ion:104 Resp: 6363

Ion	Ratio	Lower	Upper
104	100		
78	54.1	32.8	60.8