Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101119\
Data File : VU035053.D
Acq On : 10 Oct 2019 17:21
Operator : JC/SP
Sample : K5309-19
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : TB-191007-01

Quant Time: Oct 11 05:04:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 11 04:39:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	170106	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	171691	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	67524	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	36840	3.66	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 73.20%			
7) Chloroethane-d5	1.68	69	39194	4.18	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 83.60%			
11) 1,1-Dichloroethene-d2	2.26	63	56928	2.69	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 53.80%#			
20) 2-Butanone-d5	4.17	46	152273	51.42	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 102.84%			
24) Chloroform-d	4.62	84	84674	4.50	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.00%			
26) 1,2-Dichloroethane-d4	5.29	65	51550	4.58	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.60%			
32) Benzene-d6	5.32	84	173334	4.31	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.20%			
36) 1,2-Dichloropropane-d6	6.31	67	64506	4.79	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.80%			
41) Toluene-d8	7.55	98	151640	3.89	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 77.80%			
43) trans-1,3-Dichloropropene-	7.84	79	17764	3.67	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 73.40%			
46) 2-Hexanone-d5	8.30	63	110584	48.00	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 96.00%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	57458	5.07	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.40%			
64) 1,2-Dichlorobenzene-d4	11.85	152	57148	5.02	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.40%			
Target Compounds						Qvalue
3) Chloromethane	1.33	50	2475	0.145	ug/L	91
13) Acetone	2.31	43	13805	5.692	ug/L	89
25) Chloroform	4.65	83	12942	0.495	ug/L	100
42) Toluene	7.62	91	25359	0.470	ug/L	99
52) Ethylbenzene	9.24	91	7326	0.123	ug/L	96
53) m,p-Xylene	9.36	106	4035	0.183	ug/L	88
55) Styrene	9.78	104	7380	0.212	ug/L	98

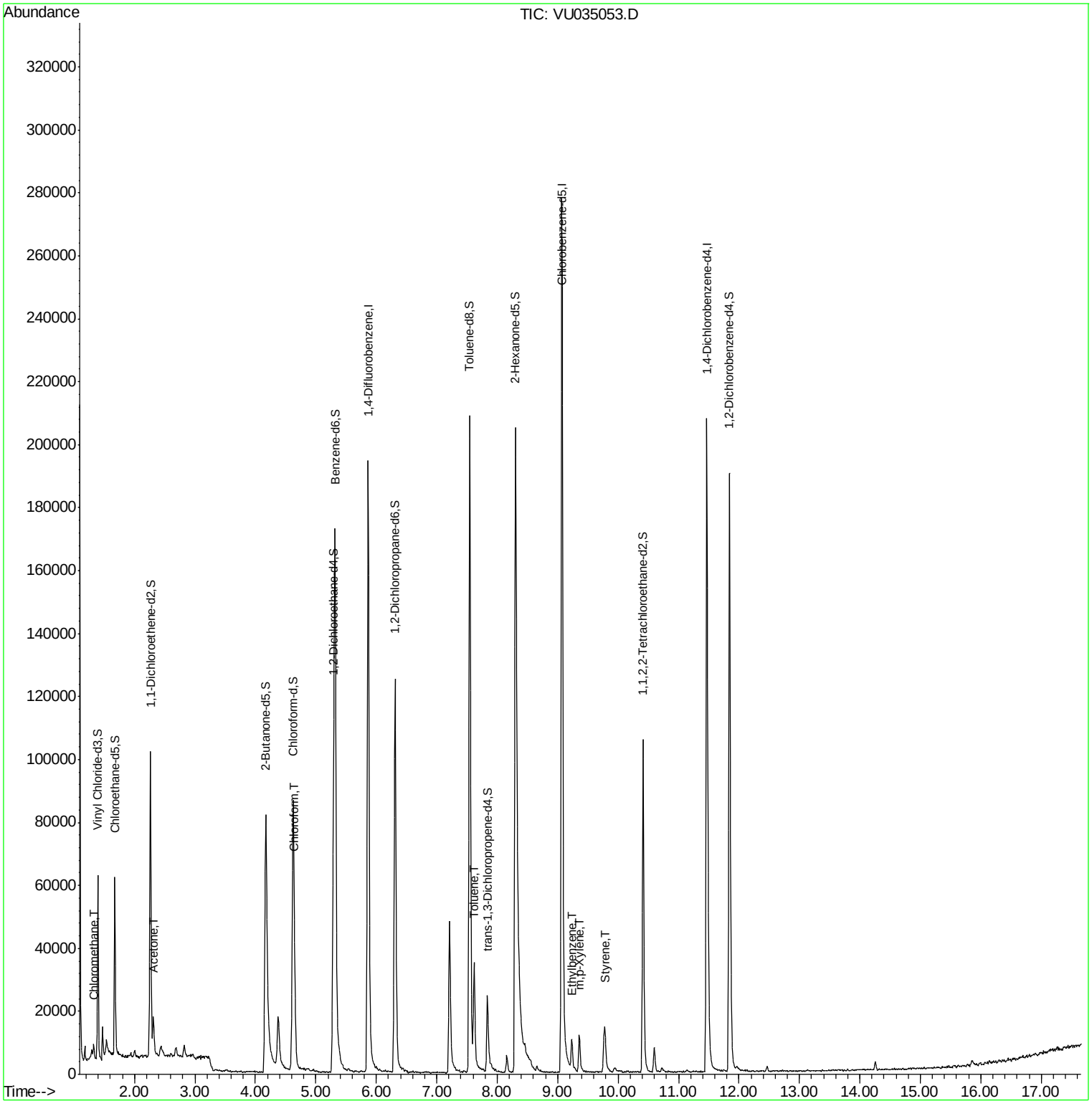
(#) = qualifier out of range (m) = manual integration (+) = signals summed

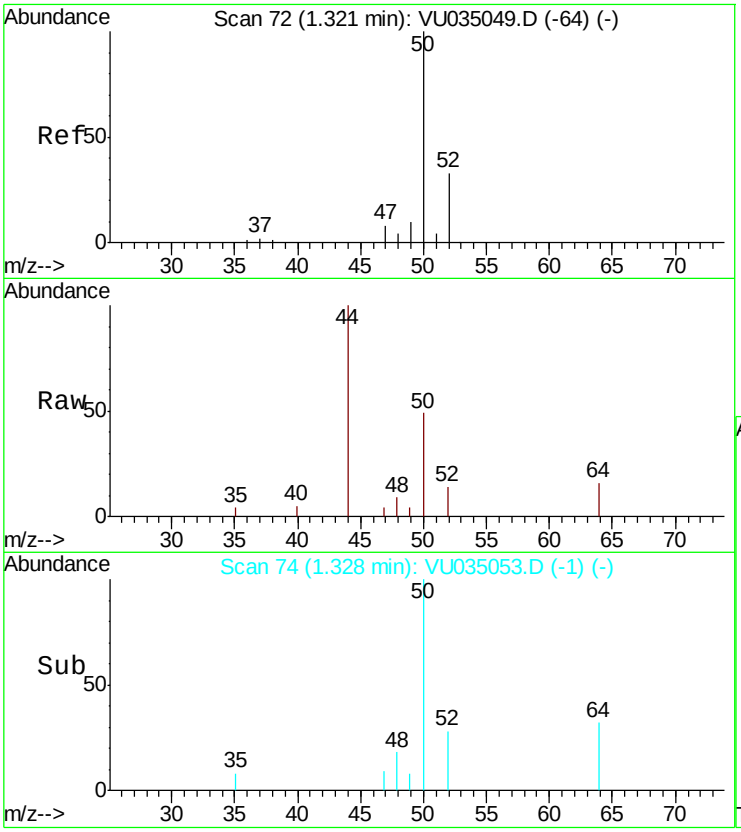
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101119\
Data File : VU035053.D
Acq On : 10 Oct 2019 17:21
Operator : JC/SP
Sample : K5309-19
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
TB-191007-01

Quant Time: Oct 11 05:04:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 11 04:39:23 2019
Response via : Initial Calibration



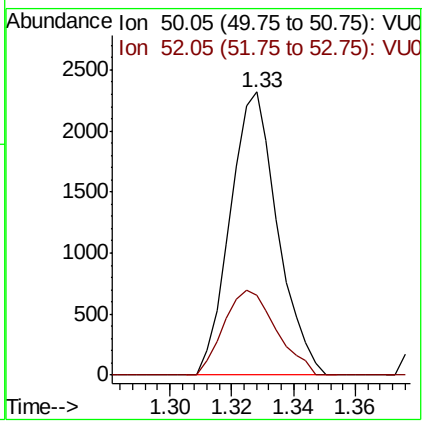


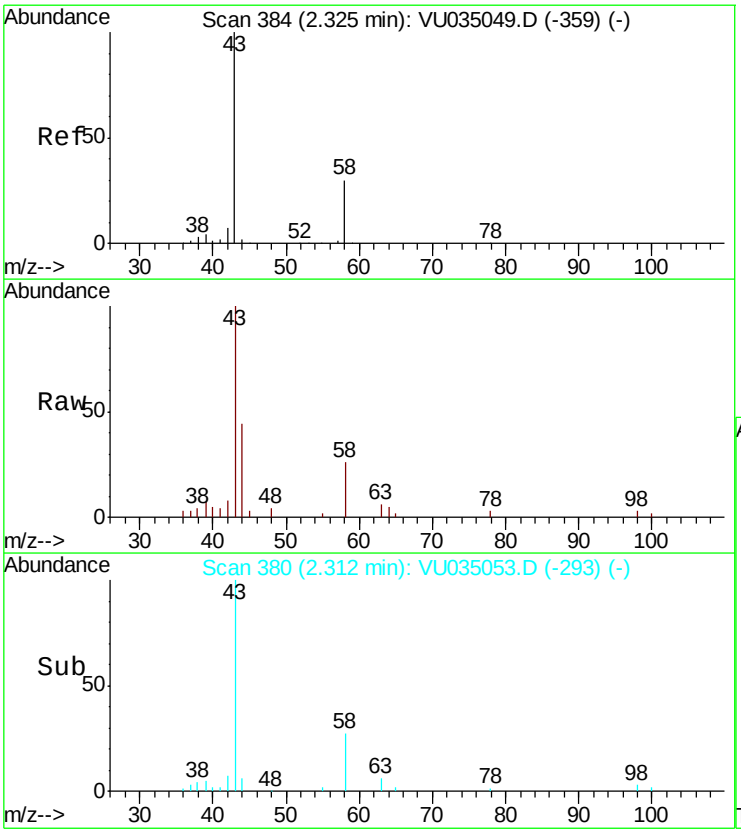
#3
Chloromethane
Concen: 0.145 ug/L
RT: 1.33 min Scan# 74
Delta R.T. 0.01 min
Lab File: VU035053.D
Acq: 10 Oct 2019 17:21

Instrument :
MSVOA_U
ClientSampleId :
TB-191007-01

Tgt Ion: 50 Resp: 2475

Ion	Ratio	Lower	Upper
50	100		
52	28.2	23.3	43.3

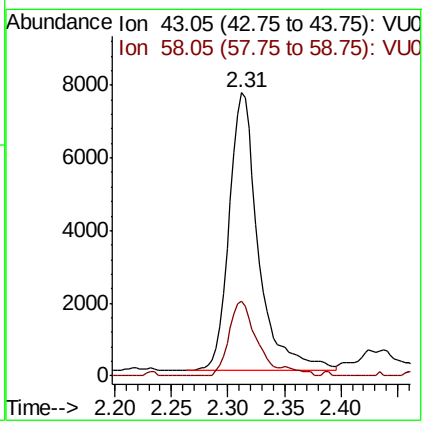


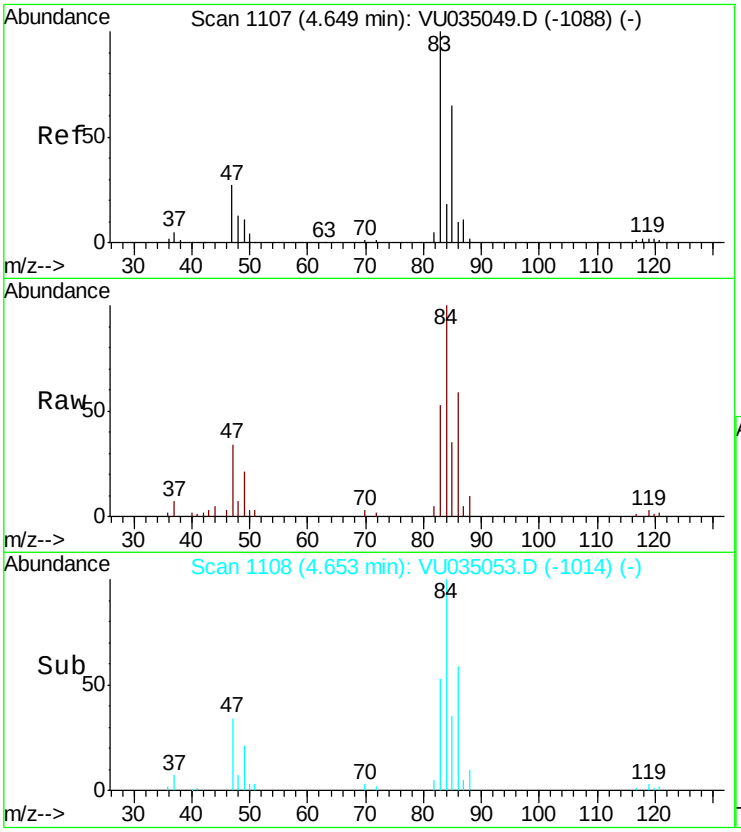


#13
Acetone
Concen: 5.692 ug/L
RT: 2.31 min Scan# 380
Delta R.T. -0.02 min
Lab File: VU035053.D
Acq: 10 Oct 2019 17:21

Tgt Ion: 43 Resp: 13805

Ion	Ratio	Lower	Upper
43	100		
58	26.9	0.0	66.6



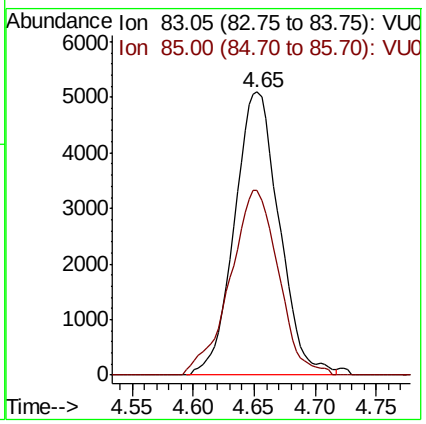


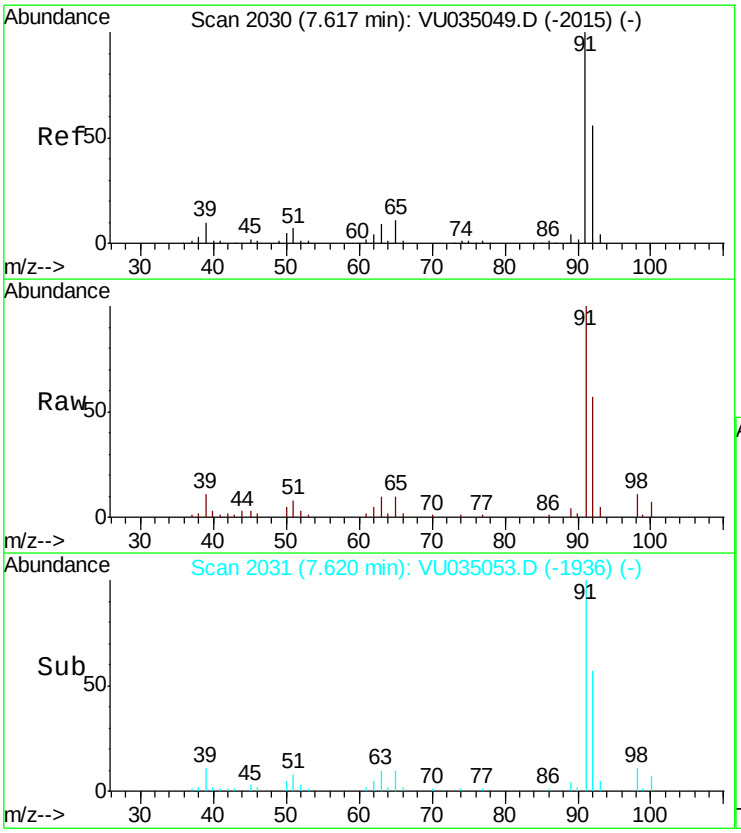
#25
Chloroform
Concen: 0.495 ug/L
RT: 4.65 min Scan# 1108
Delta R.T. 0.00 min
Lab File: VU035053.D
Acq: 10 Oct 2019 17:21

Instrument :
MSVOA_U
ClientSampleId :
TB-191007-01

Tgt Ion: 83 Resp: 12942

Ion	Ratio	Lower	Upper
83	100		
85	65.2	45.4	84.4

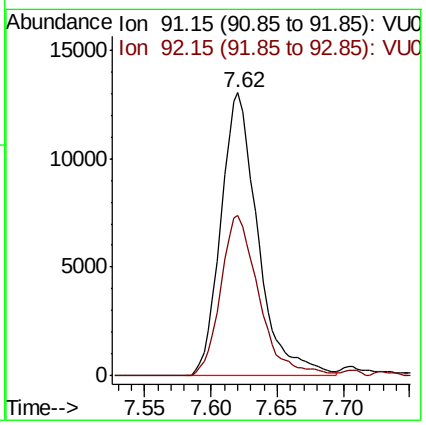


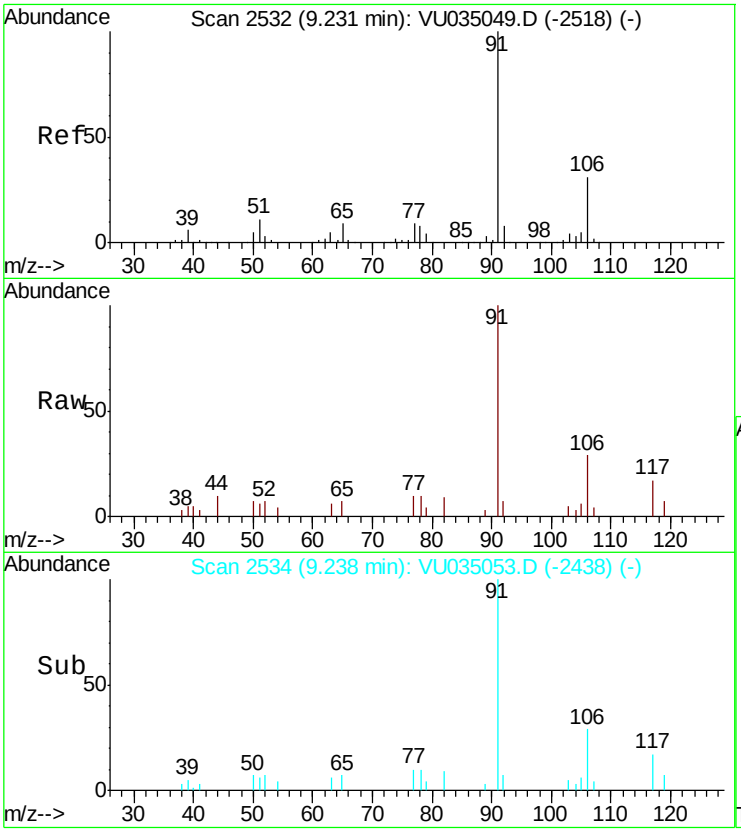


#42
Toluene
Concen: 0.470 ug/L
RT: 7.62 min Scan# 2031
Delta R.T. 0.01 min
Lab File: VU035053.D
Acq: 10 Oct 2019 17:21

Tgt Ion: 91 Resp: 25359

Ion	Ratio	Lower	Upper
91	100		
92	56.6	40.0	74.2



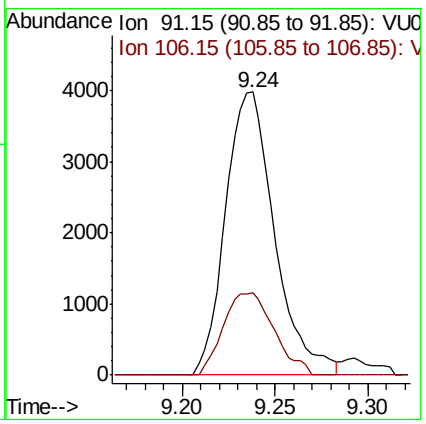


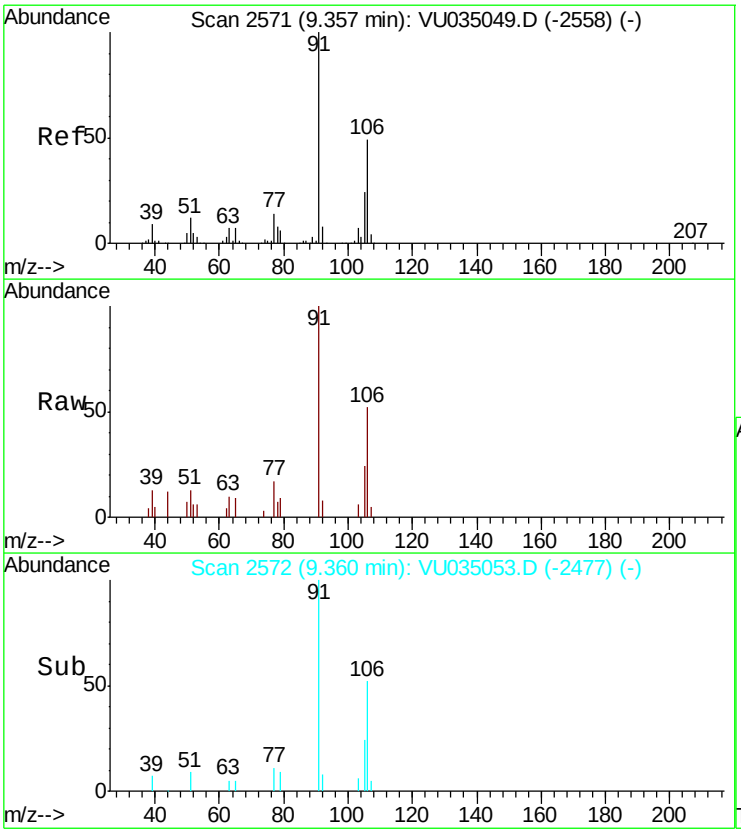
#52
Ethylbenzene
Concen: 0.123 ug/L
RT: 9.24 min Scan# 2534
Delta R.T. 0.01 min
Lab File: VU035053.D
Acq: 10 Oct 2019 17:21

Instrument : MSVOA_U
ClientSampleId : TB-191007-01

Tgt Ion: 91 Resp: 7326

Ion	Ratio	Lower	Upper
91	100		
106	28.9	21.6	40.2

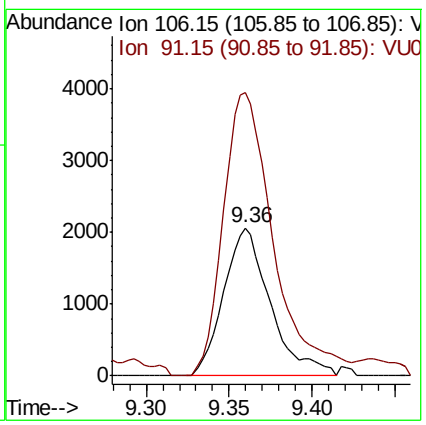


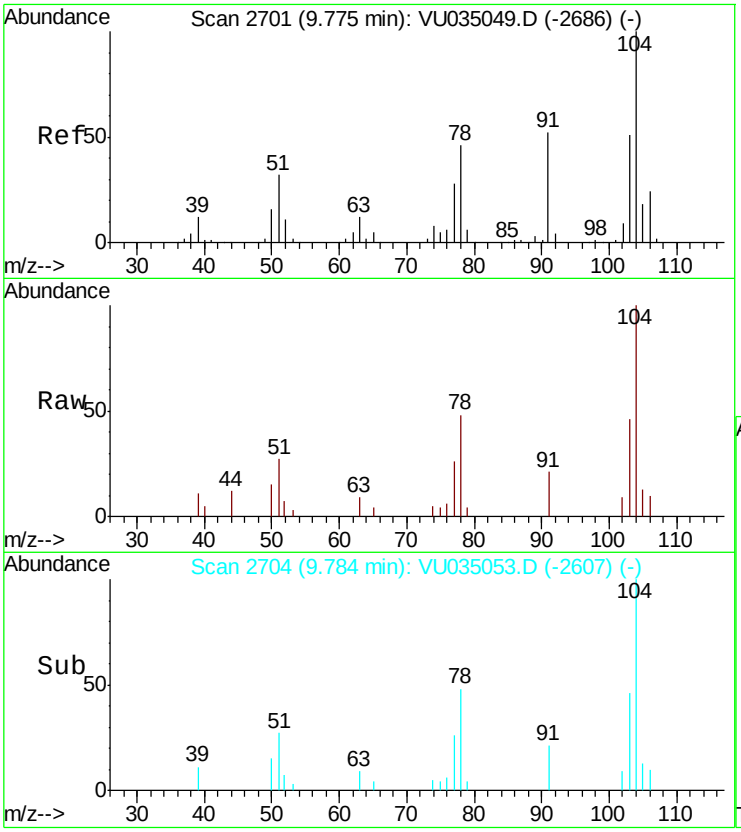


#53
m,p-Xylene
Concen: 0.183 ug/L
RT: 9.36 min Scan# 2572
Delta R.T. 0.01 min
Lab File: VU035053.D
Acq: 10 Oct 2019 17:21

Tgt Ion:106 Resp: 4035

Ion	Ratio	Lower	Upper
106	100		
91	191.6	147.6	274.0





#55
Stvrene
Concen: 0.212 ug/L
RT: 9.78 min Scan# 2704
Delta R.T. 0.01 min
Lab File: VU035053.D
Acq: 10 Oct 2019 17:21

Instrument :
MSVOA_U
ClientSampleId :
TB-191007-01

Tgt Ion:104 Resp: 7380

Ion	Ratio	Lower	Upper
104	100		
78	48.0	32.8	60.8