Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU110119\
Data File : VU035596.D
Acq On : 01 Nov 2019 12:39
Operator : JC/SP
Sample : K5631-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BE881

Quant Time: Nov 01 16:25:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM103119WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 01 17:03:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	657521	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	626363	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	196660	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.62	65	211197	39.77	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 79.54%			
7) Chloroethane-d5	1.93	69	184611	43.53	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 87.06%			
11) 1,1-Dichloroethene-d2	2.60	63	268895	32.56	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 65.12%			
21) 2-Butanone-d5	4.69	46	295274	95.19	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 95.19%			
24) Chloroform-d	5.11	84	385201	46.97	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.94%			
26) 1,2-Dichloroethane-d4	5.75	65	239045	47.58	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.16%			
32) Benzene-d6	5.77	84	814068	49.86	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.72%			
36) 1,2-Dichloropropane-d6	6.74	67	265774	50.20	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 100.40%			
41) Toluene-d8	7.93	98	731462	47.50	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.00%			
43) trans-1,3-Dichloropropene-	8.21	79	118916	48.76	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 97.52%			
47) 2-Hexanone-d5	8.68	63	190305	93.78	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 93.78%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	356423	47.34	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 94.68%			
64) 1,2-Dichlorobenzene-d4	12.22	152	202992	51.18	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.36%			
Target Compounds						Qvalue
13) Acetone	2.67	43	18210	6.672	ug/L	98
42) Toluene	8.01	91	23433	1.270	ug/L	97
52) Ethylbenzene	9.60	91	26971	1.367	ug/L	96
53) m,p-Xylene	9.72	106	65686	8.875	ug/L	95
54) o-xylene	10.13	106	22775	3.148	ug/L	99
61) Bromoform	10.32	173	9548	3.182	ug/L #	95

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

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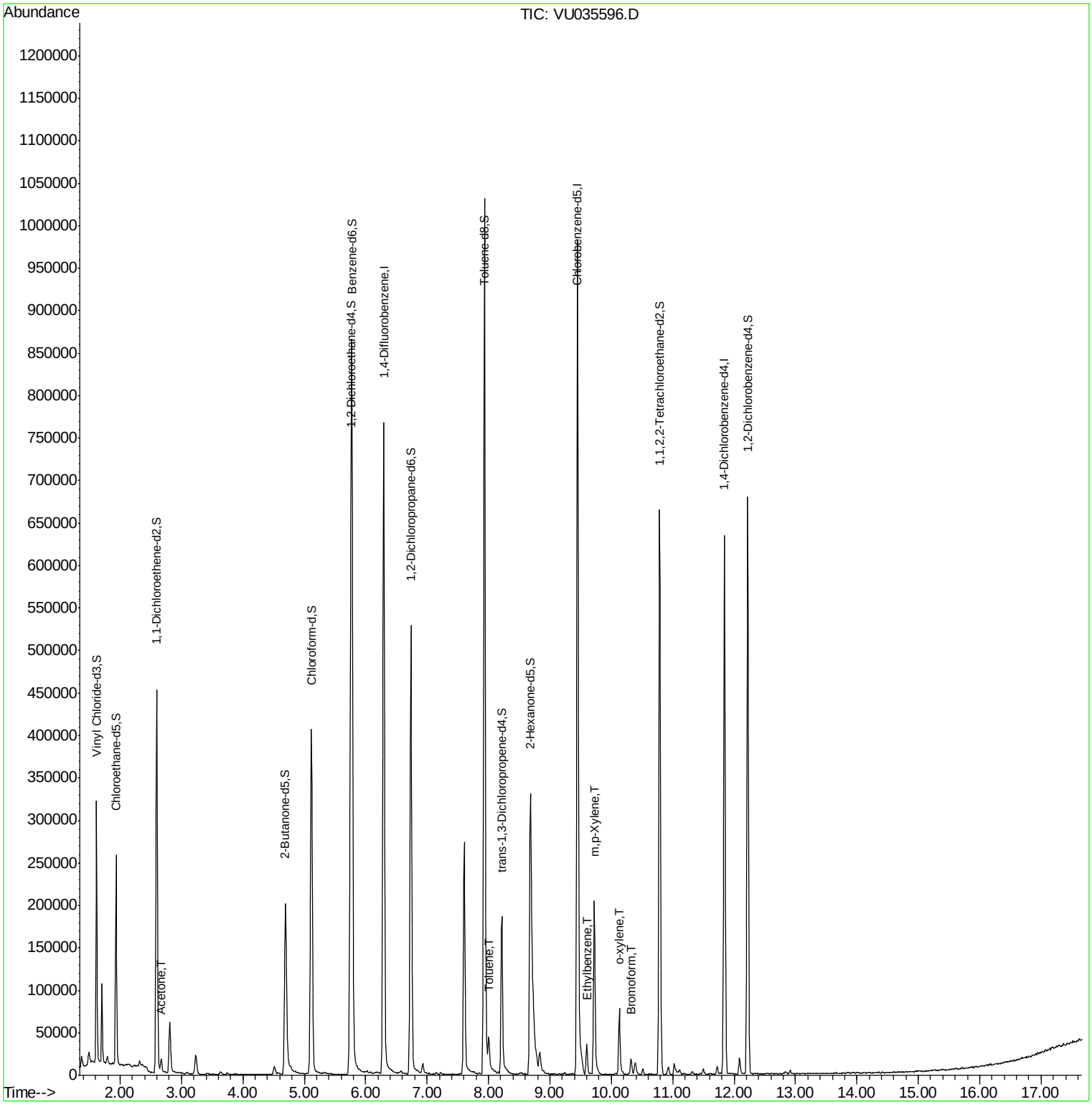
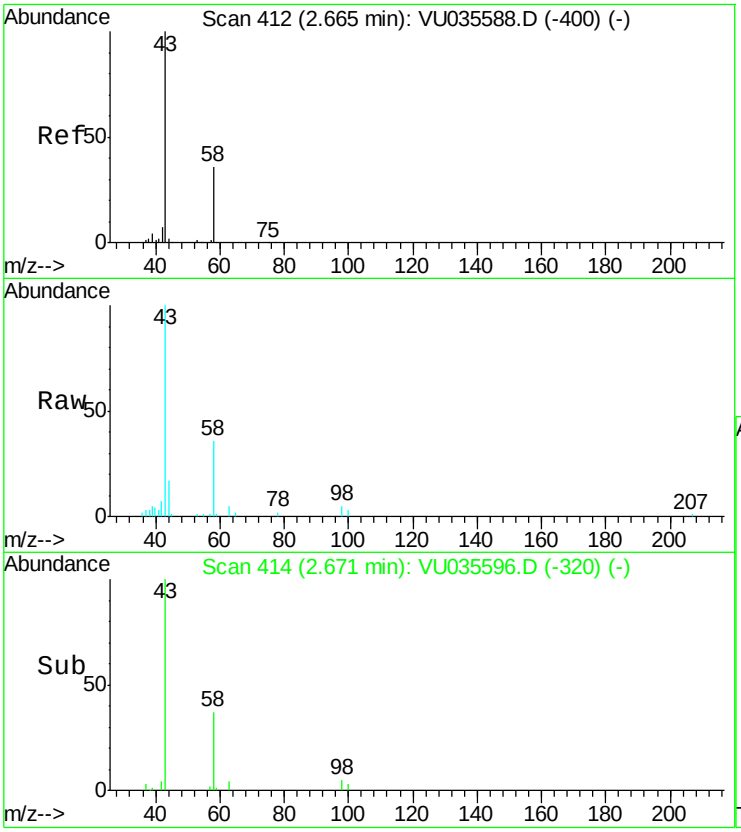


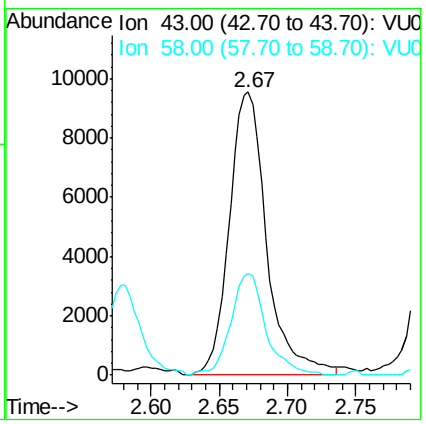


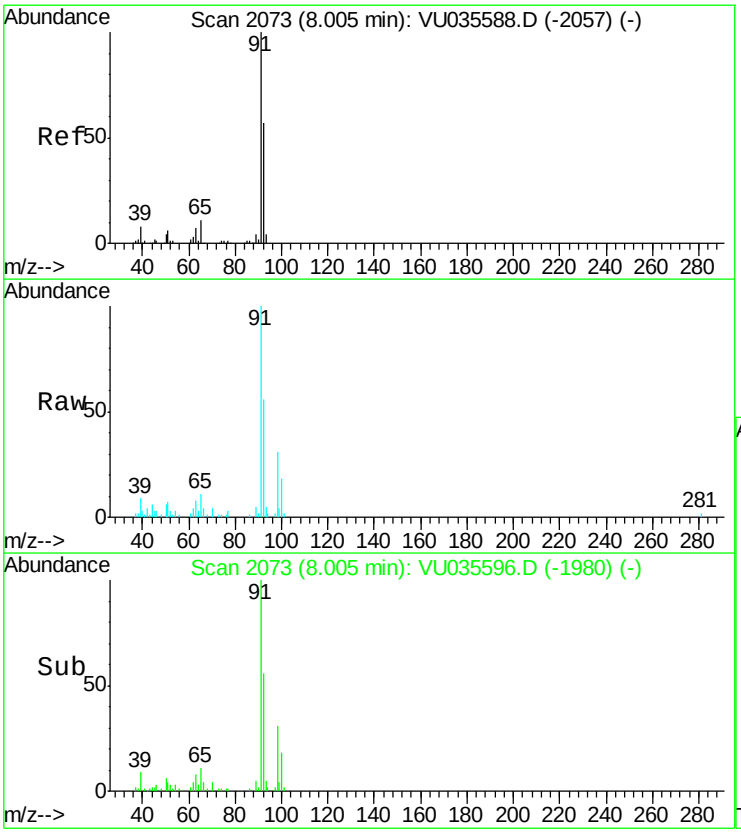
#13
Acetone
Concen: 6.672 ug/L
RT: 2.67 min Scan# 414
Delta R.T. 0.00 min
Lab File: VU035596.D
Acq: 01 Nov 2019 12:39

Instrument : MSVOA_U
ClientSampleId : BE881

Tgt Ion: 43 Resp: 18210

Ion	Ratio	Lower	Upper
43	100		
58	33.7	0.0	70.0

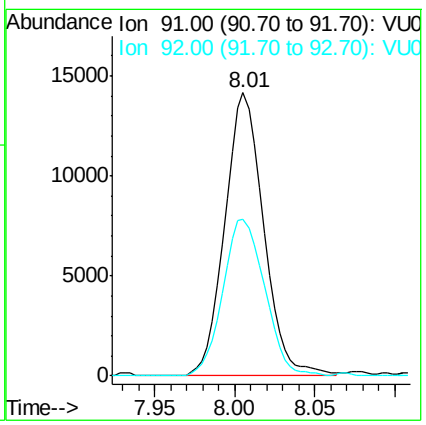


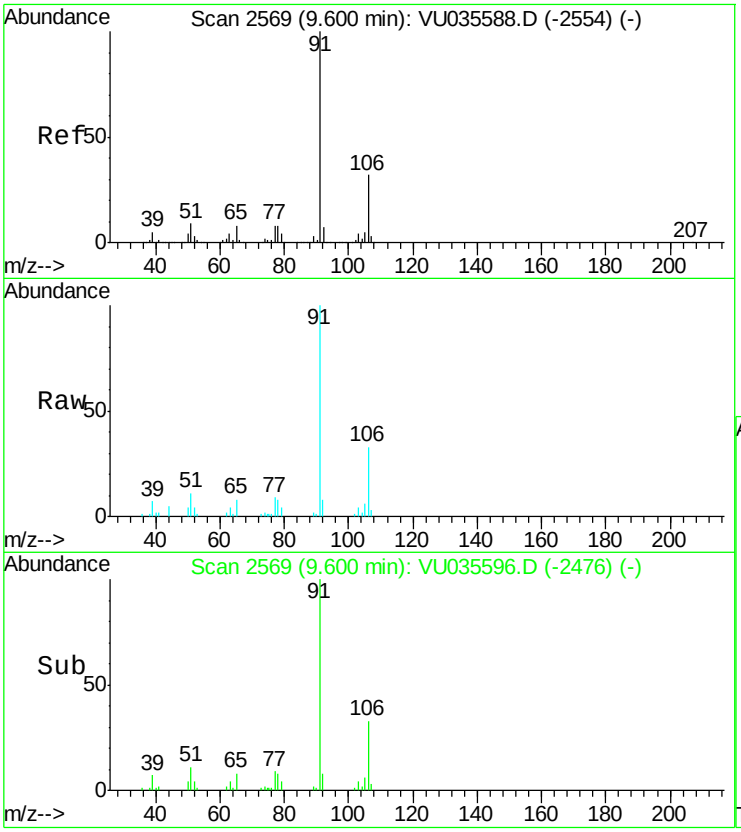


#42
Toluene
Concen: 1.270 ug/L
RT: 8.01 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VU035596.D
Acq: 01 Nov 2019 12:39

Tgt Ion: 91 Resp: 23433

Ion	Ratio	Lower	Upper
91	100		
92	55.6	40.5	75.1



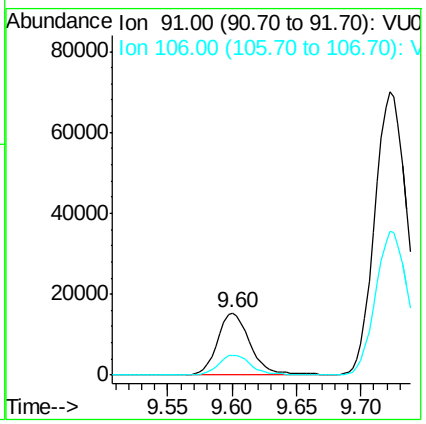


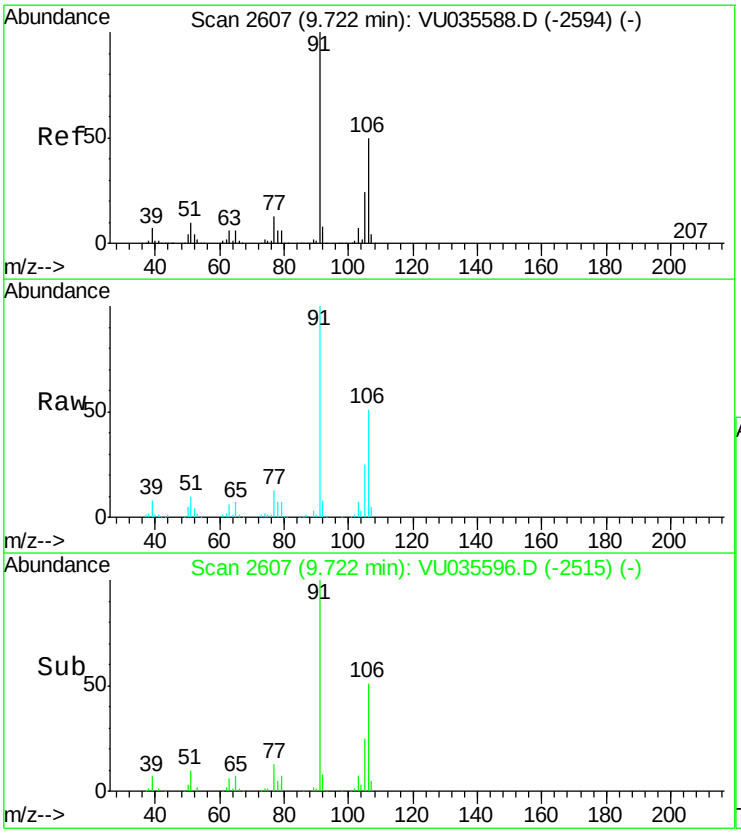
#52
Ethylbenzene
Concen: 1.367 ug/L
RT: 9.60 min Scan# 2569
Delta R.T. -0.00 min
Lab File: VU035596.D
Acq: 01 Nov 2019 12:39

Instrument :
MSVOA_U
ClientSampleId :
BE881

Tgt Ion: 91 Resp: 26971

Ion	Ratio	Lower	Upper
91	100		
106	32.7	21.6	40.0

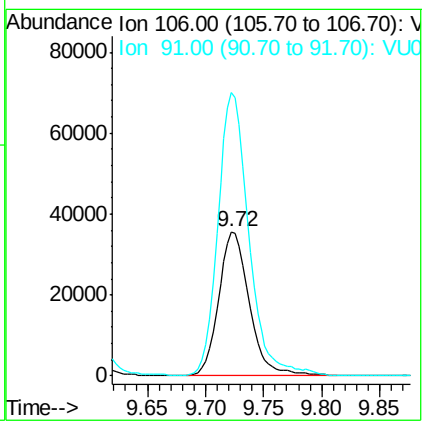


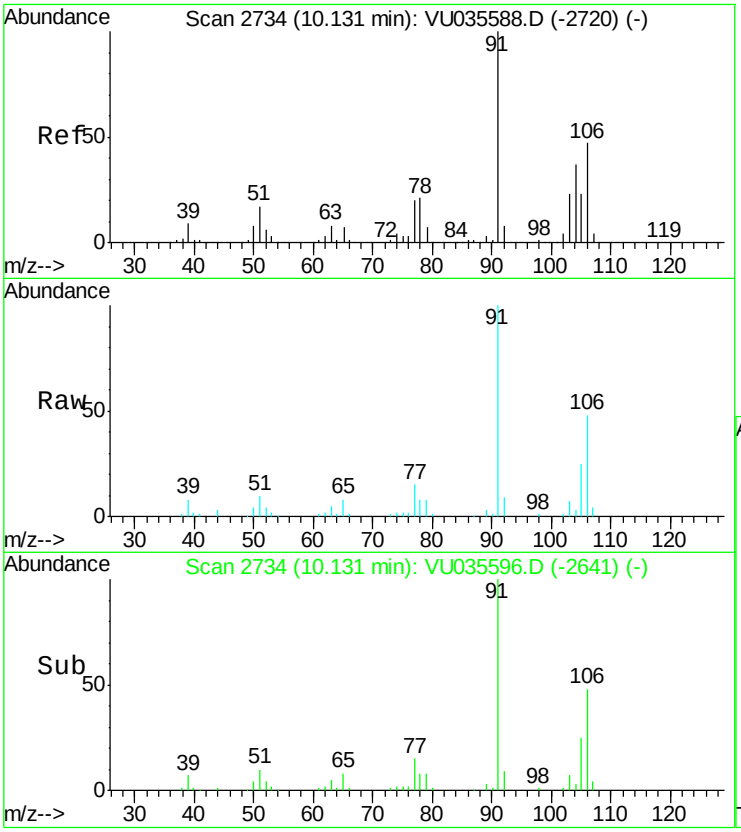


#53
m,p-Xylene
Concen: 8.875 ug/L
RT: 9.72 min Scan# 2607
Delta R.T. -0.00 min
Lab File: VU035596.D
Acq: 01 Nov 2019 12:39

Tgt Ion:106 Resp: 65686

Ion	Ratio	Lower	Upper
106	100		
91	196.6	142.7	264.9



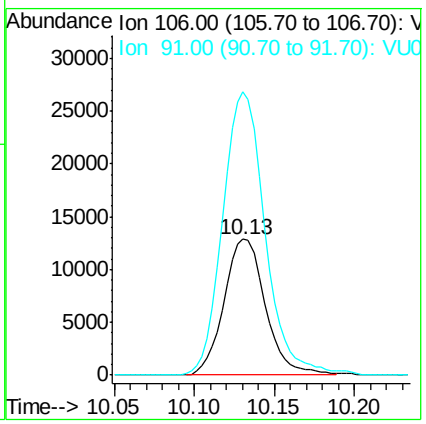


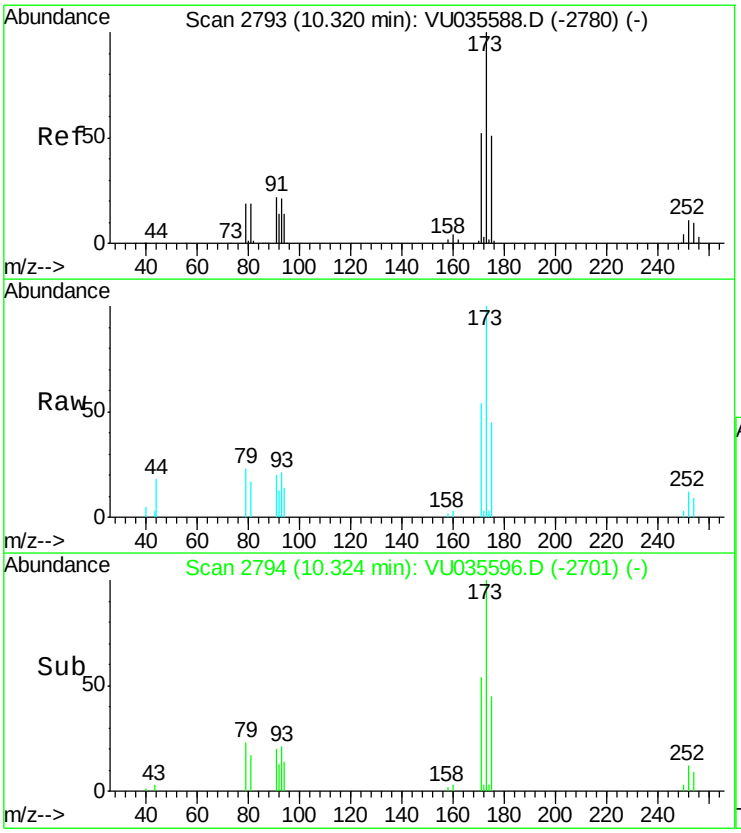
#54
o-xylene
Concen: 3.148 ug/L
RT: 10.13 min Scan# 2734
Delta R.T. -0.00 min
Lab File: VU035596.D
Acq: 01 Nov 2019 12:39

Instrument :
MSVOA_U
ClientSampleId :
BE881

Tgt Ion:106 Resp: 22775

Ion	Ratio	Lower	Upper
106	100		
91	207.9	147.1	273.1





#61
Bromoform
Concen: 3.182 ug/L
RT: 10.32 min Scan# 2794
Delta R.T. -0.00 min
Lab File: VU035596.D
Acq: 01 Nov 2019 12:39

Tgt Ion:173 Resp: 9548

Ion	Ratio	Lower	Upper
173	100		
175	46.3	39.4	59.0
254	6.3	8.1	12.1#