Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050119\
Data File : VU031675.D
Acq On : 01 May 2019 11:37
Operator : JC/SP
Sample : K2604-12 5X
Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ86

Quant Time: May 02 03:53:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Thu May 02 02:23:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1049490	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1002501	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	473012	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	347575	39.57	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 79.14%			
7) Chloroethane-d5	1.68	69	272027	40.08	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 80.16%			
11) 1,1-Dichloroethene-d2	2.26	63	532743	30.46	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 60.92%			
21) 2-Butanone-d5	4.18	46	764246	96.03	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 96.03%			
24) Chloroform-d	4.64	84	632720	39.33	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 78.66%			
26) 1,2-Dichloroethane-d4	5.30	65	426761	40.61	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 81.22%			
32) Benzene-d6	5.33	84	1301297	42.27	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 84.54%			
36) 1,2-Dichloropropane-d6	6.32	67	464301	42.87	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 85.74%			
41) Toluene-d8	7.56	98	1141765	42.58	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 85.16%			
43) trans-1,3-Dichloropropene-	7.85	79	200687	43.17	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 86.34%			
47) 2-Hexanone-d5	8.31	63	508751	108.53	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 108.53%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	621539	42.76	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 85.52%			
64) 1,2-Dichlorobenzene-d4	11.86	152	427043	42.93	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 85.86%			
Target Compounds						Qvalue
42) Toluene	7.63	91	266119	7.248	ug/L	98
52) Ethylbenzene	9.25	91	7632006	200.393	ug/L	100
53) m,p-Xylene	9.37	106	1237155	93.234	ug/L	97
54) o-xylene	9.77	106	1360435	103.414	ug/L	96
55) Styrene	9.79	104	688574	30.637	ug/L	87
56) Isopropylbenzene	10.16	105	69293	2.003	ug/L	98

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

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QLast Update : Thu May 02 02:23:23 2019
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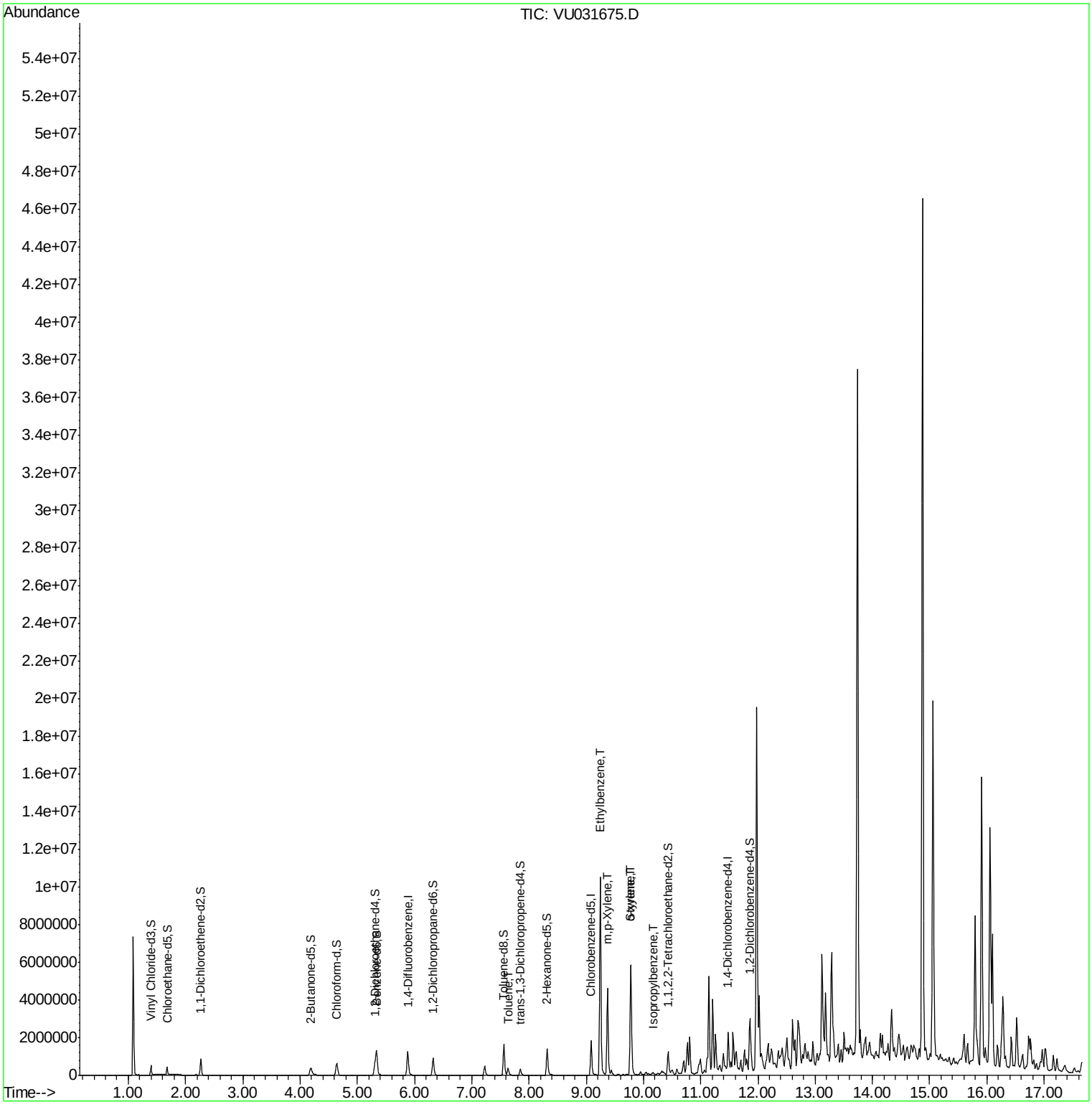
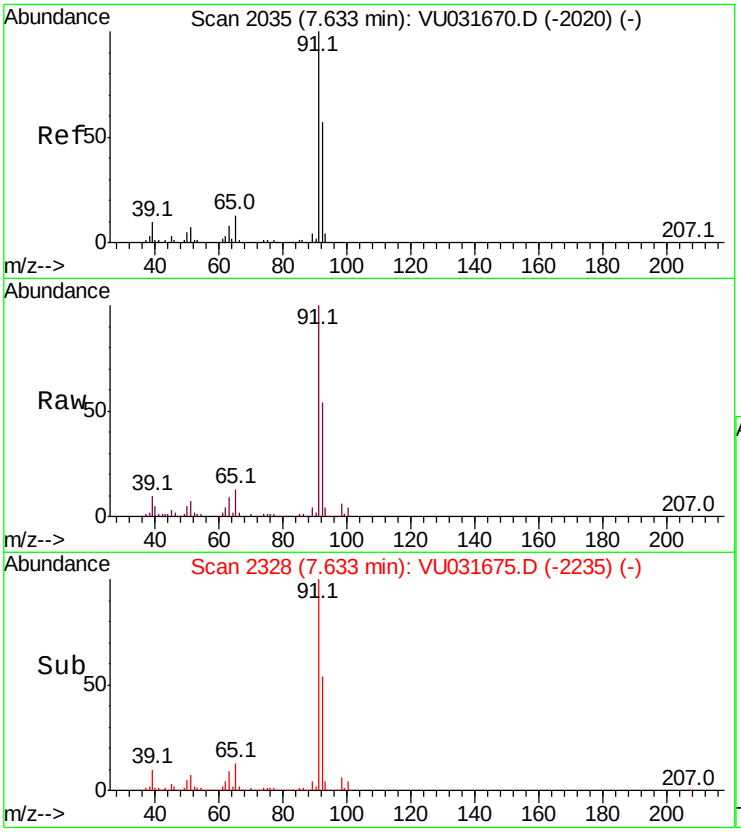


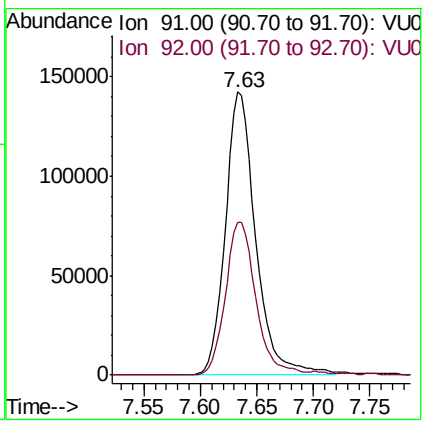


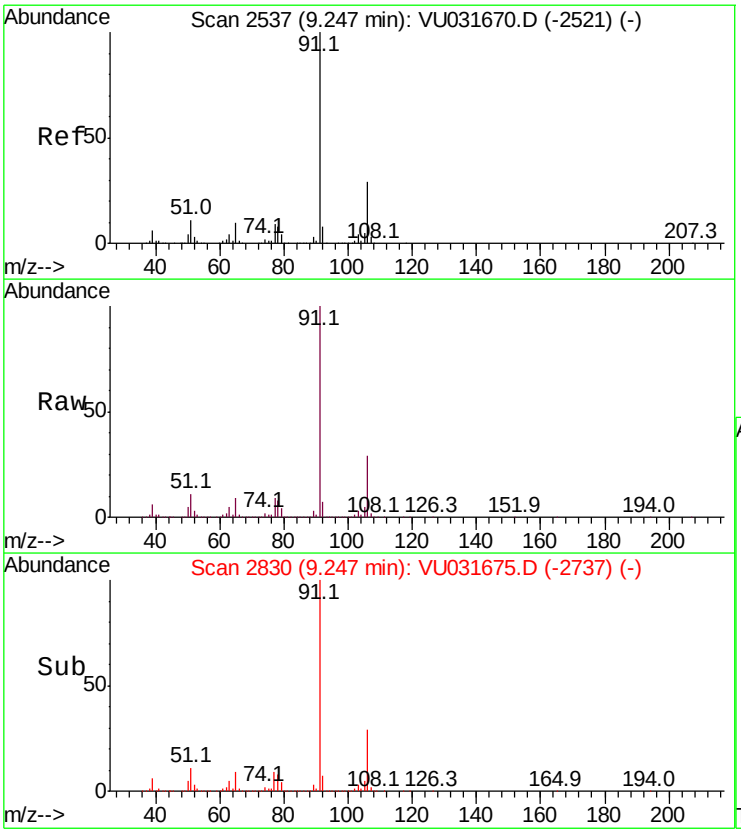
#42
Toluene
Concen: 7.248 ug/L
RT: 7.63 min Scan# 2328
Delta R.T. -0.00 min
Lab File: VU031675.D
Acq: 01 May 2019 11:37

Instrument :
MSVOA_U
ClientSampleId :
GAJ86

Tgt Ion: 91 Resp: 266119

Ion	Ratio	Lower	Upper
91	100		
92	54.2	39.0	72.4

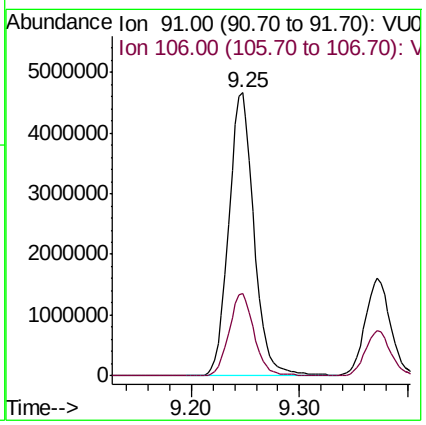


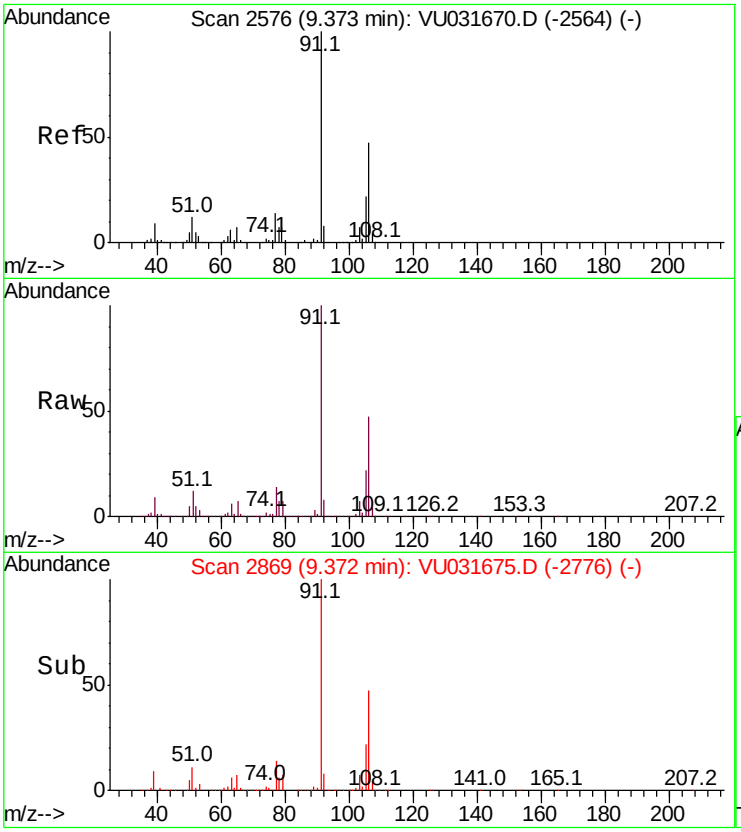


#52
Ethylbenzene
Concen: 200.393 ug/L
RT: 9.25 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VU031675.D
Acq: 01 May 2019 11:37

Tgt Ion: 91 Resp: 7632006

Ion	Ratio	Lower	Upper
91	100		
106	29.0	20.4	37.8



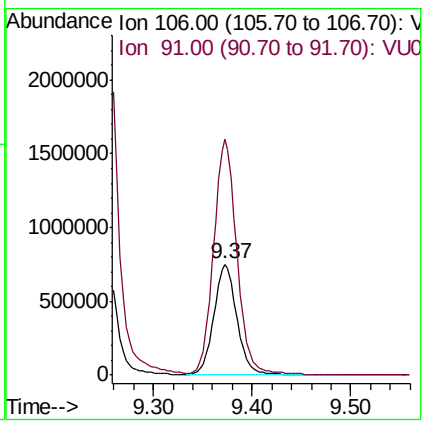


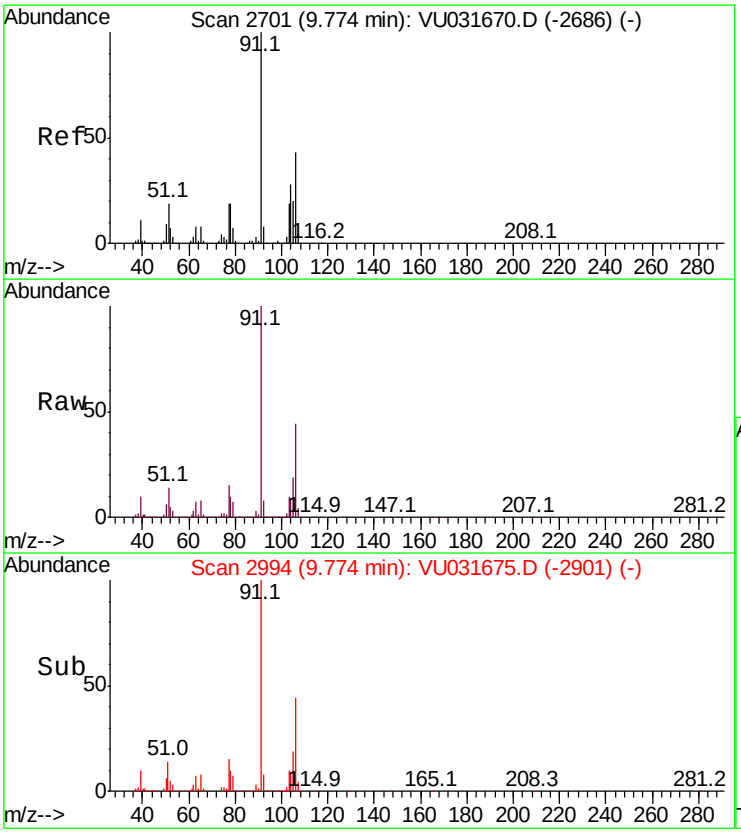
#53
m,p-Xylene
Concen: 93.234 ug/L
RT: 9.37 min Scan# 2869
Delta R.T. -0.00 min
Lab File: VU031675.D
Acq: 01 May 2019 11:37

Instrument :
MSVOA_U
ClientSampleId :
GAJ86

Tgt Ion:106 Resp: 1237155

Ion	Ratio	Lower	Upper
106	100		
91	212.7	152.2	282.6

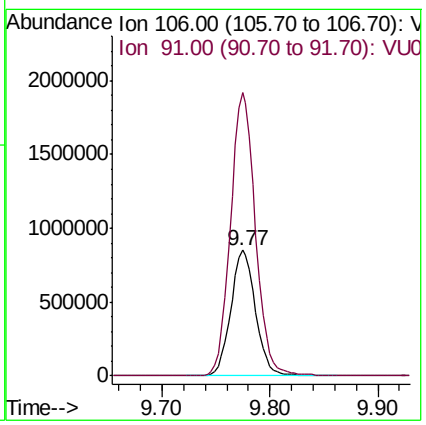


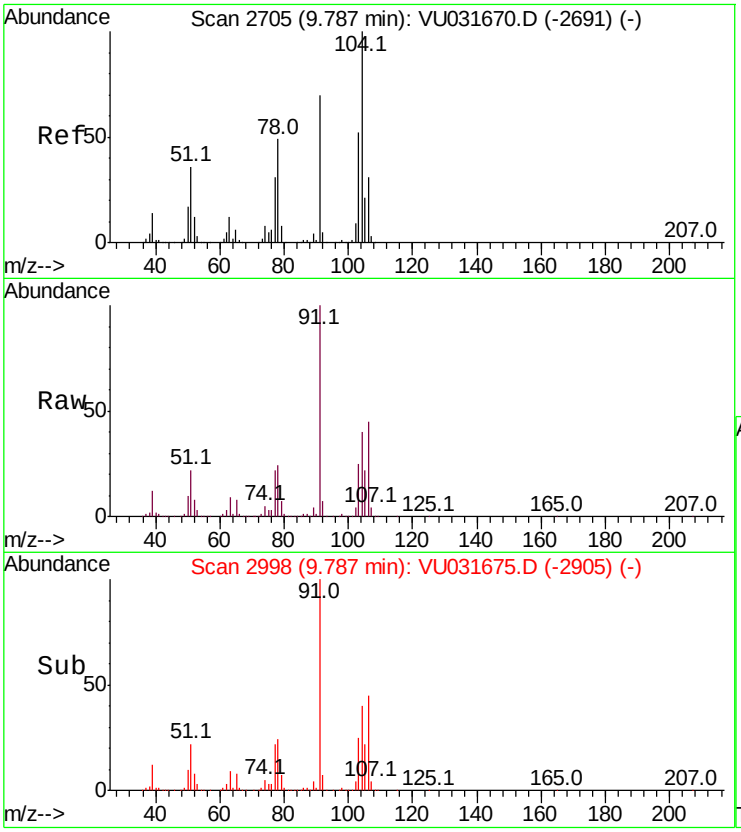


#54
o-xylene
Concen: 103.414 ug/L
RT: 9.77 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VU031675.D
Acq: 01 May 2019 11:37

Tgt Ion:106 Resp: 1360435

Ion	Ratio	Lower	Upper
106	100		
91	225.8	163.2	303.2



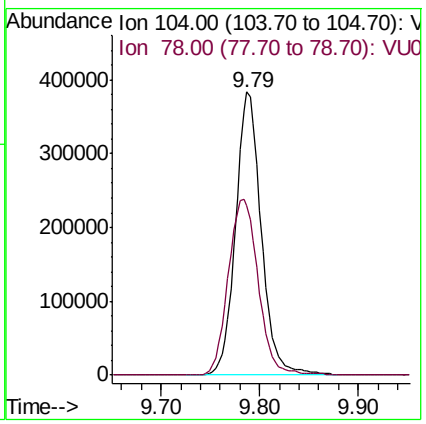


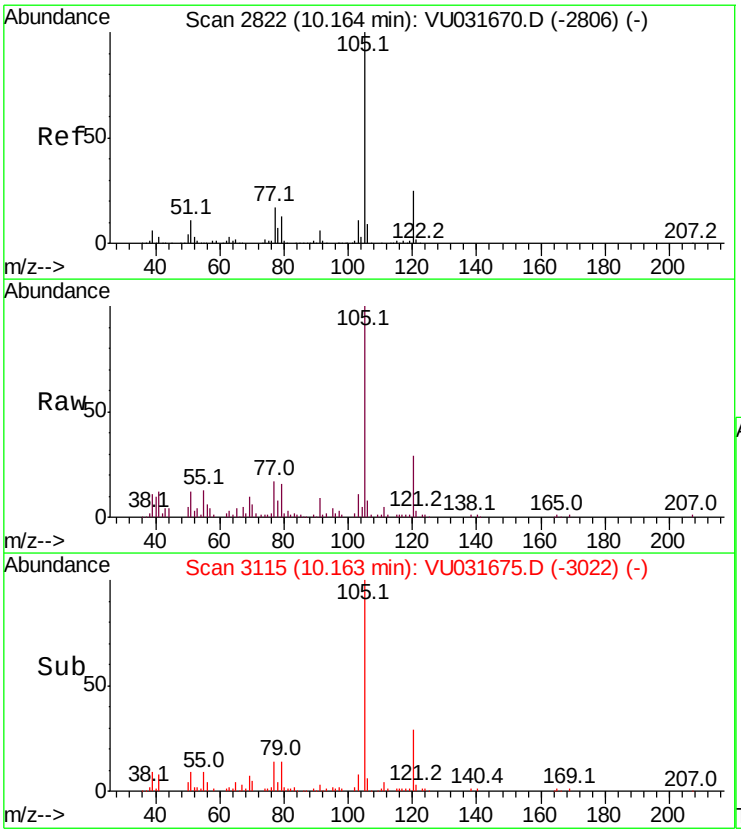
#55
Stvrene
Concen: 30.637 ug/L
RT: 9.79 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VU031675.D
Acq: 01 May 2019 11:37

Instrument :
MSVOA_U
ClientSampleId :
GAJ86

Tgt Ion:104 Resp: 688574

Ion	Ratio	Lower	Upper
104	100		
78	59.8	35.4	65.7





#56
Isopropylbenzene
Concen: 2.003 ug/L
RT: 10.16 min Scan# 3115
Delta R.T. -0.00 min
Lab File: VU031675.D
Acq: 01 May 2019 11:37

Tgt Ion:105 Resp: 69293

Ion	Ratio	Lower	Upper
105	100		
120	26.7	20.1	30.1
77	17.8	13.8	20.6