Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050119\
Data File : VU031693.D
Acq On : 01 May 2019 18:35
Operator : JC/SP
Sample : K2603-15 10X
Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ67

Quant Time: May 02 05:49:10 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	1005505	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	958626	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	453013	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	246510	29.29	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 58.58%#			
7) Chloroethane-d5	1.68	69	210864	32.42	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 64.84%#			
11) 1,1-Dichloroethene-d2	2.27	63	391981	23.39	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 46.78%#			
21) 2-Butanone-d5	4.19	46	745117	97.72	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 97.72%			
24) Chloroform-d	4.64	84	562267	36.48	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 72.96%			
26) 1,2-Dichloroethane-d4	5.31	65	386389	38.37	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 76.74%			
32) Benzene-d6	5.33	84	1139145	38.70	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 77.40%			
36) 1,2-Dichloropropane-d6	6.32	67	421372	40.69	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 81.38%			
41) Toluene-d8	7.56	98	976593	38.09	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 76.18%#			
43) trans-1,3-Dichloropropene-	7.85	79	180165	40.53	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 81.06%			
47) 2-Hexanone-d5	8.31	63	516486	115.22	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 115.22%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	598131	43.03	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 86.06%			
64) 1,2-Dichlorobenzene-d4	11.85	152	395014	41.46	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 82.92%			
Target Compounds						Qvalue
33) Benzene	5.38	78	1630238	46.255	ug/L	100
42) Toluene	7.63	91	13501997	384.580	ug/L	97
52) Ethylbenzene	9.24	91	1880518	51.637	ug/L	100
53) m,p-Xylene	9.37	106	4841375	381.552	ug/L	97
54) o-xylene	9.77	106	2157647	171.521	ug/L	95
55) Styrene	9.79	104	7922643	368.635	ug/L	97
56) Isopropylbenzene	10.16	105	61123	1.848	ug/L	99

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

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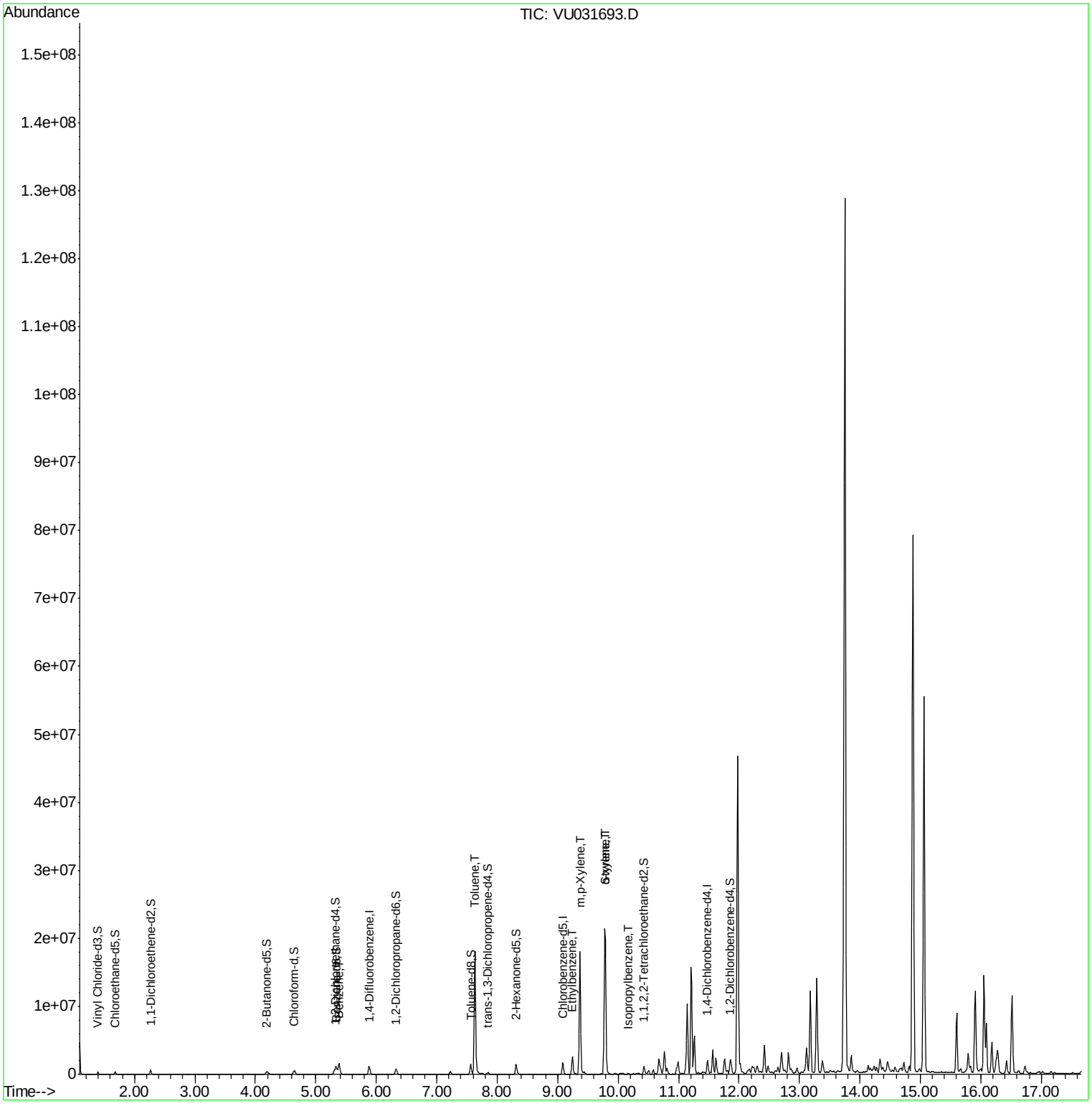
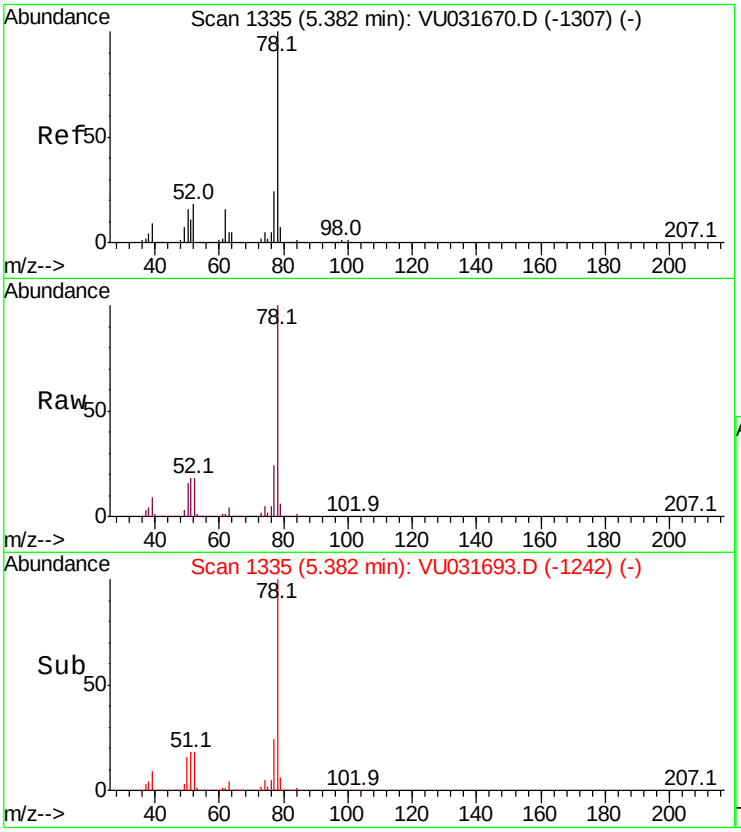
Quant Title : VOC Analysis
QLast Update : Thu May 02 02:23:23 2019
Response via : Initial Calibration

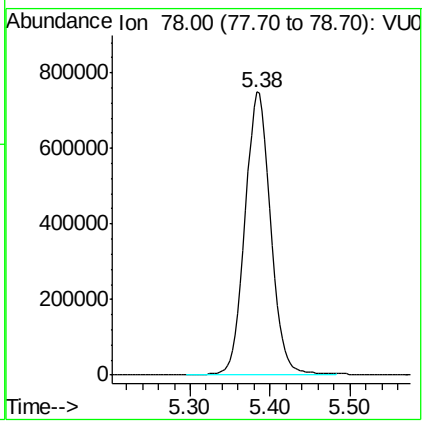


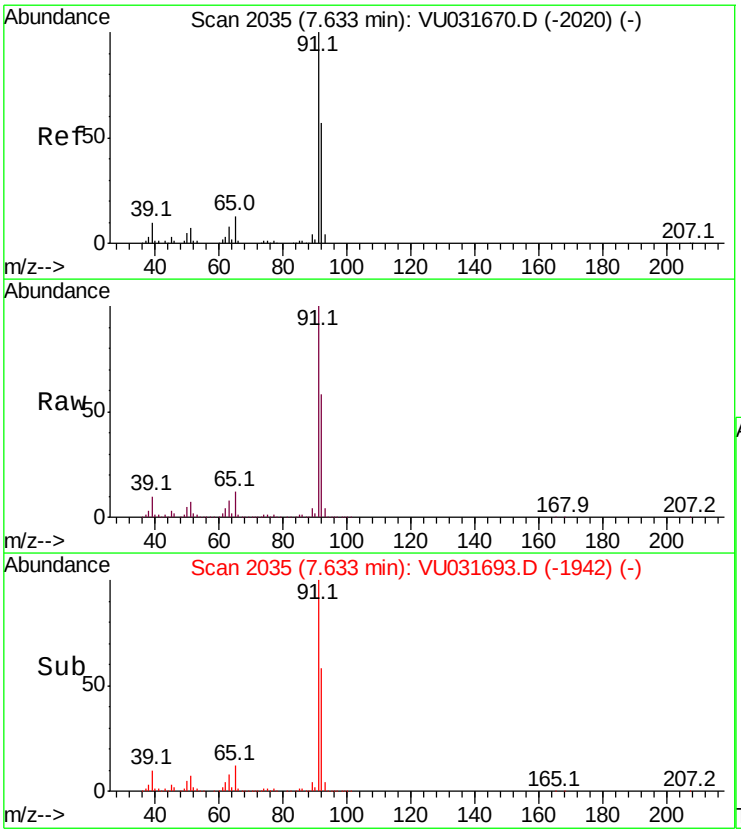


#33
Benzene
Concen: 46.255 ug/L
RT: 5.38 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VU031693.D
Acq: 01 May 2019 18:35

Instrument :
MSVOA_U
ClientSampleId :
GAJ67

Tgt Ion: 78 Resp: 1630238

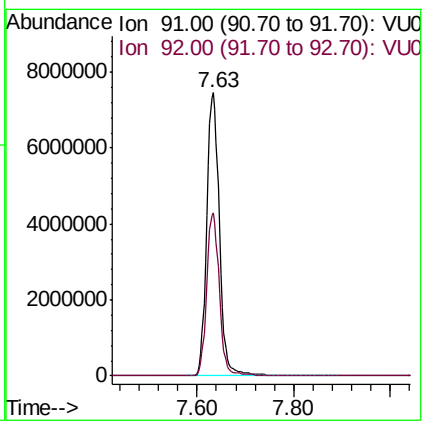


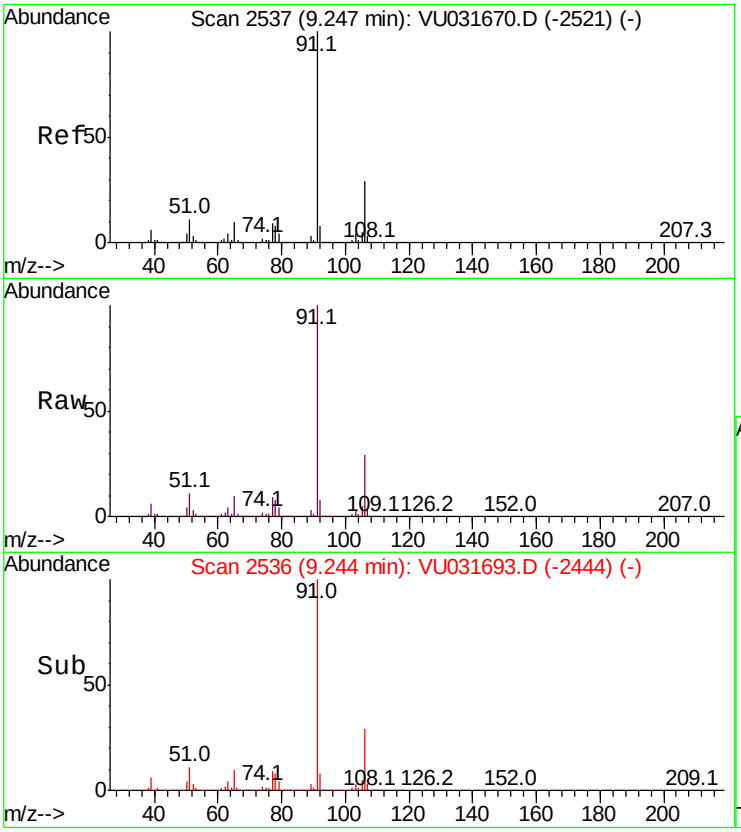


#42
Toluene
Concen: 384.580 ug/L
RT: 7.63 min Scan# 2035
Delta R.T. 0.00 min
Lab File: VU031693.D
Acq: 01 May 2019 18:35

Tgt Ion: 91 Resp:13501997

Ion	Ratio	Lower	Upper
91	100		
92	57.6	39.0	72.4



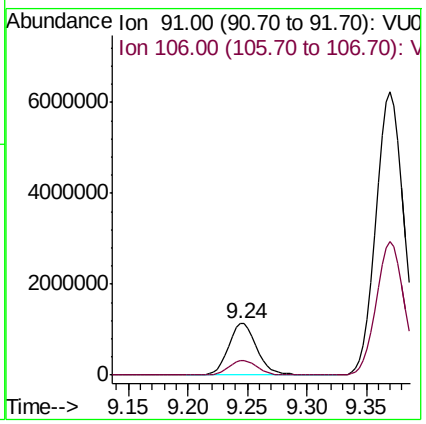


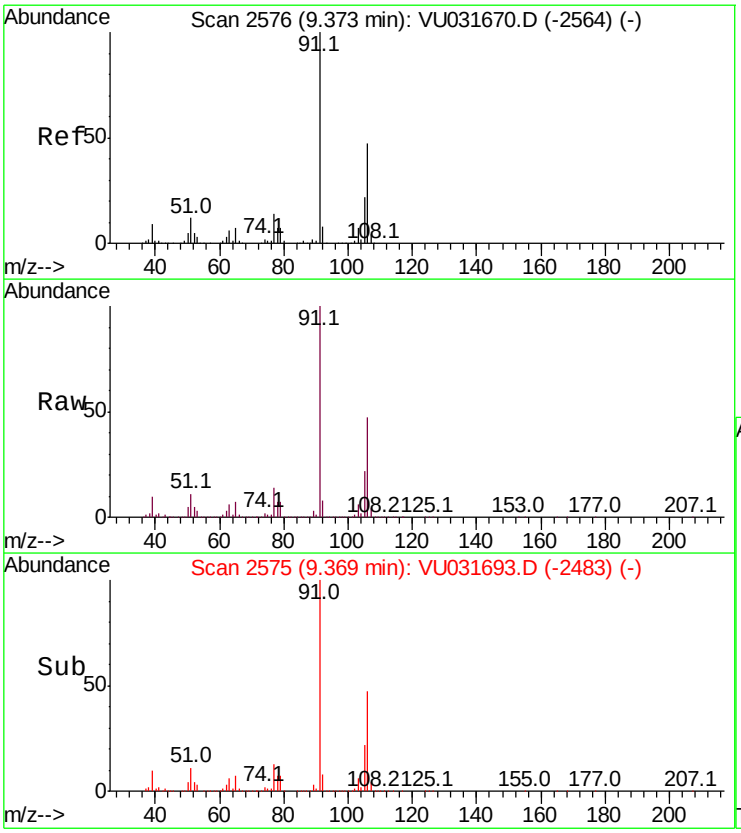
#52
Ethylbenzene
Concen: 51.637 ug/L
RT: 9.24 min Scan# 2536
Delta R.T. -0.00 min
Lab File: VU031693.D
Acq: 01 May 2019 18:35

Tgt Ion: 91 Resp: 1880518

Ion	Ratio	Lower	Upper
91	100		
106	29.2	20.4	37.8

Instrument :
MSVOA_U
ClientSampleId :
GAJ67

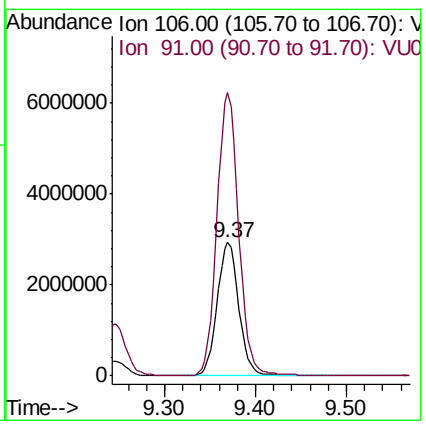


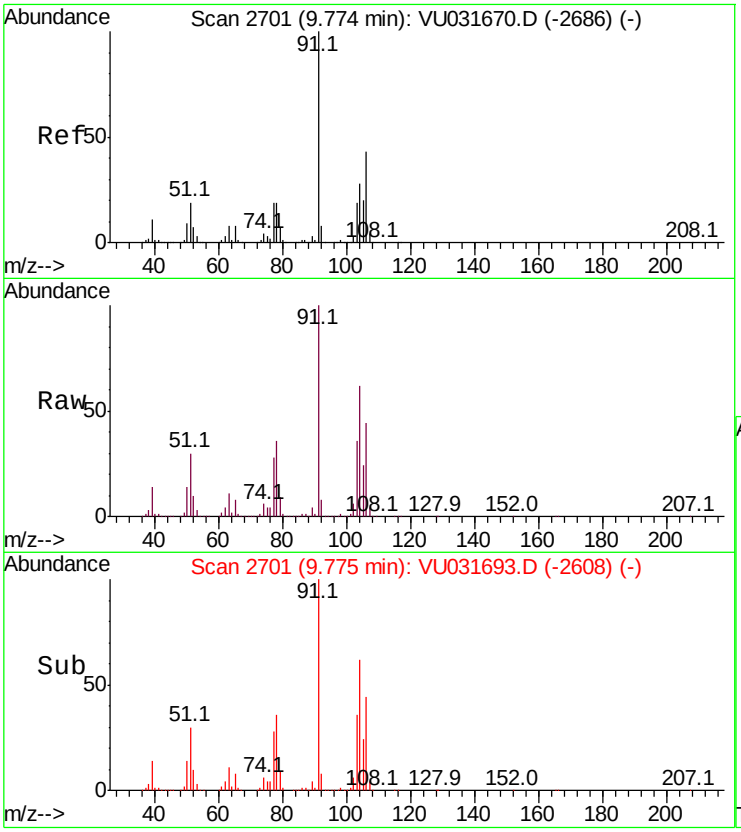


#53
m,p-Xylene
Concen: 381.552 ug/L
RT: 9.37 min Scan# 2575
Delta R.T. -0.00 min
Lab File: VU031693.D
Acq: 01 May 2019 18:35

Tgt Ion:106 Resp: 4841375

Ion	Ratio	Lower	Upper
106	100		
91	211.9	152.2	282.6



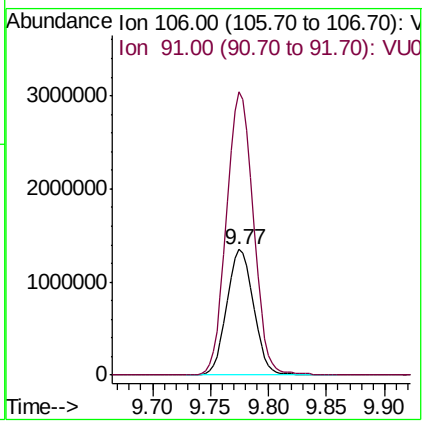


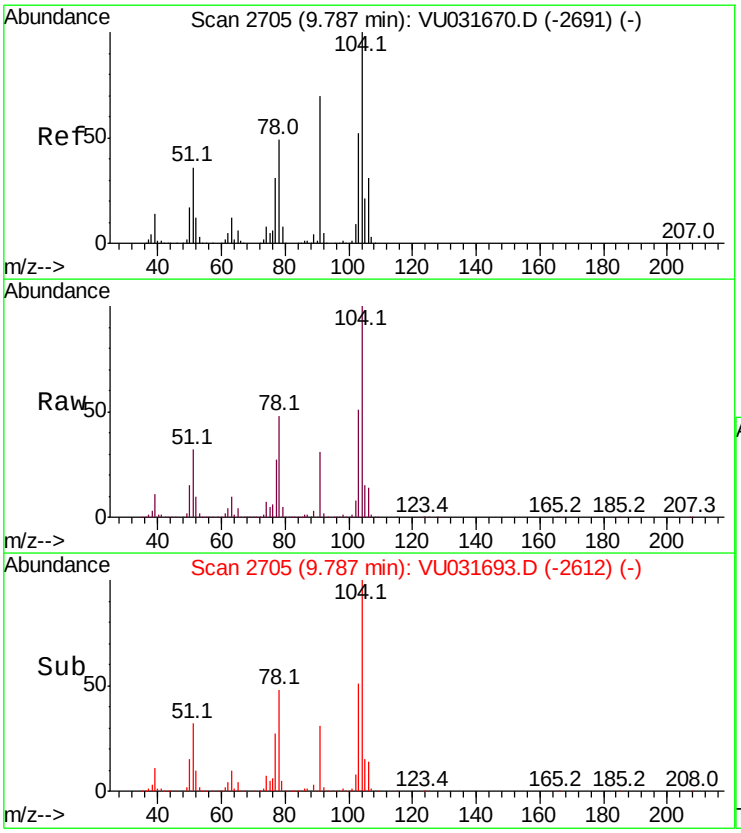
#54
o-xylene
Concen: 171.521 ug/L
RT: 9.77 min Scan# 2701
Delta R.T. 0.00 min
Lab File: VU031693.D
Acq: 01 May 2019 18:35

Instrument :
MSVOA_U
ClientSampleId :
GAJ67

Tgt Ion:106 Resp: 2157647

Ion	Ratio	Lower	Upper
106	100		
91	225.5	163.2	303.2

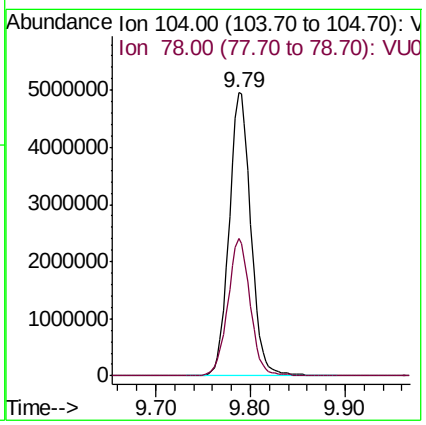


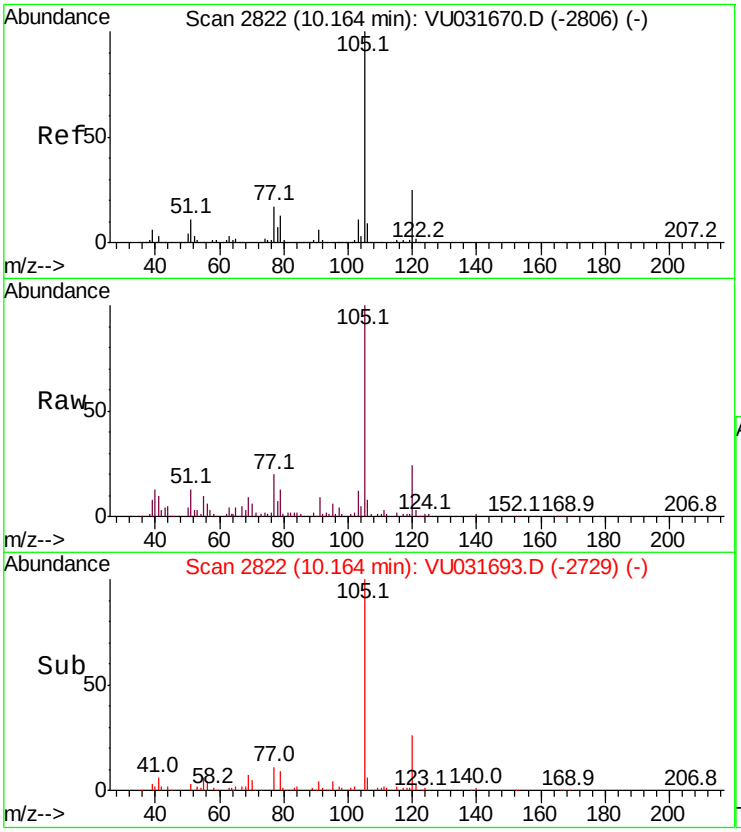


#55
Styrene
Concen: 368.635 ug/L
RT: 9.79 min Scan# 2705
Delta R.T. 0.00 min
Lab File: VU031693.D
Acq: 01 May 2019 18:35

Tgt Ion:104 Resp: 7922643

Ion	Ratio	Lower	Upper
104	100		
78	48.4	35.4	65.7





#56
Isopropylbenzene
Concen: 1.848 ug/L
RT: 10.16 min Scan# 2822
Delta R.T. 0.00 min
Lab File: VU031693.D
Acq: 01 May 2019 18:35

Instrument :
MSVOA_U
ClientSampleId :
GAJ67

Tgt Ion:105 Resp: 61123

Ion	Ratio	Lower	Upper
105	100		
120	25.0	20.1	30.1
77	16.6	13.8	20.6