Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050119\
Data File : VU031676.D
Acq On : 01 May 2019 12:00
Operator : JC/SP
Sample : K2604-06DL 25X
Misc : 5.01g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ80DL

Quant Time: May 02 04:19:25 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	979839	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	935560	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	451077	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	314859	38.39	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 76.78%			
7) Chloroethane-d5	1.68	69	263628	41.60	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 83.20%			
11) 1,1-Dichloroethene-d2	2.27	63	474816	29.07	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 58.14%#			
21) 2-Butanone-d5	4.19	46	749466	100.87	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 100.87%			
24) Chloroform-d	4.64	84	582758	38.80	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 77.60%			
26) 1,2-Dichloroethane-d4	5.31	65	394027	40.16	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 80.32%			
32) Benzene-d6	5.34	84	1203493	41.89	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 83.78%			
36) 1,2-Dichloropropane-d6	6.32	67	429218	42.47	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 84.94%			
41) Toluene-d8	7.56	98	1047802	41.87	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 83.74%			
43) trans-1,3-Dichloropropene-	7.85	79	187272	43.16	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 86.32%			
47) 2-Hexanone-d5	8.31	63	490088	112.03	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 112.03%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	580629	42.80	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 85.60%			
64) 1,2-Dichlorobenzene-d4	11.86	152	403959	42.58	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 85.16%			
Target Compounds						Qvalue
33) Benzene	5.38	78	52749	1.534	ug/L	100
42) Toluene	7.64	91	40616	1.185	ug/L	99
52) Ethylbenzene	9.25	91	162670	4.577	ug/L	100
53) m,p-Xylene	9.37	106	435456	35.165	ug/L	99
54) o-xylene	9.77	106	185927	15.145	ug/L	93
55) Styrene	9.79	104	1096317	52.269	ug/L	96

(#) = 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
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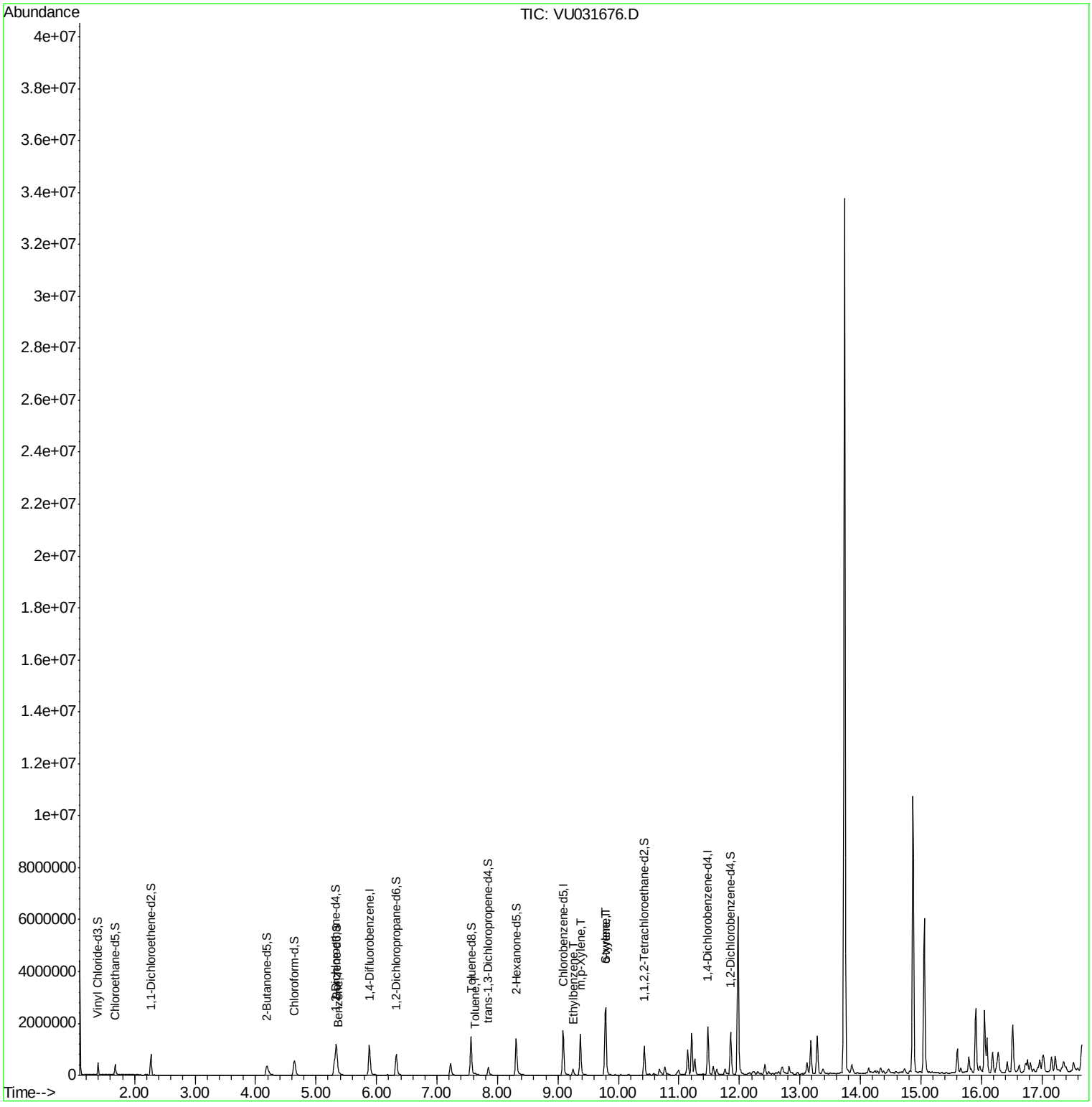
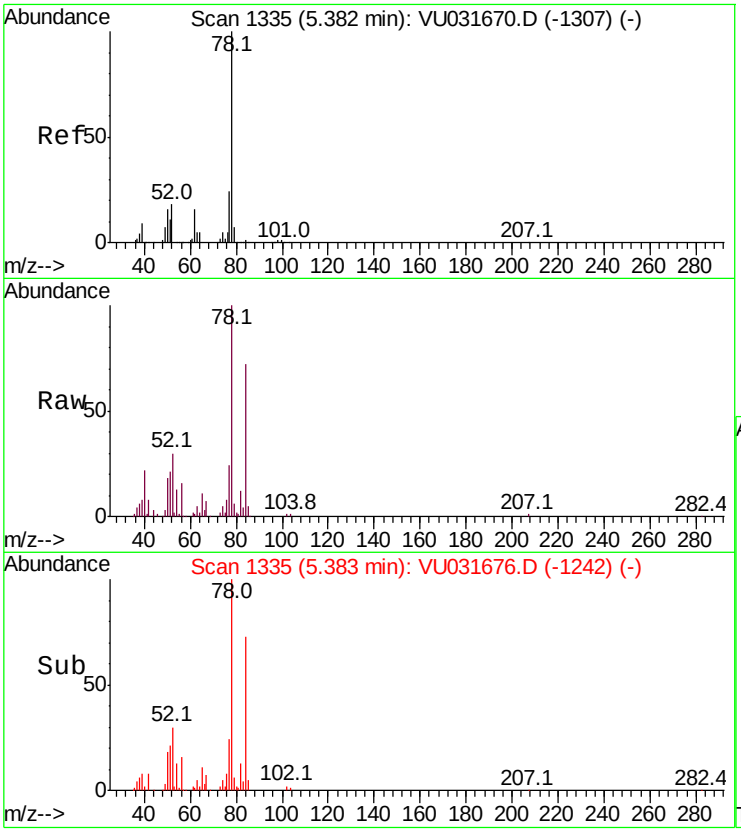
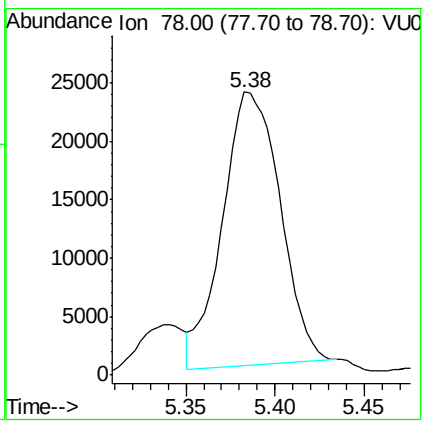


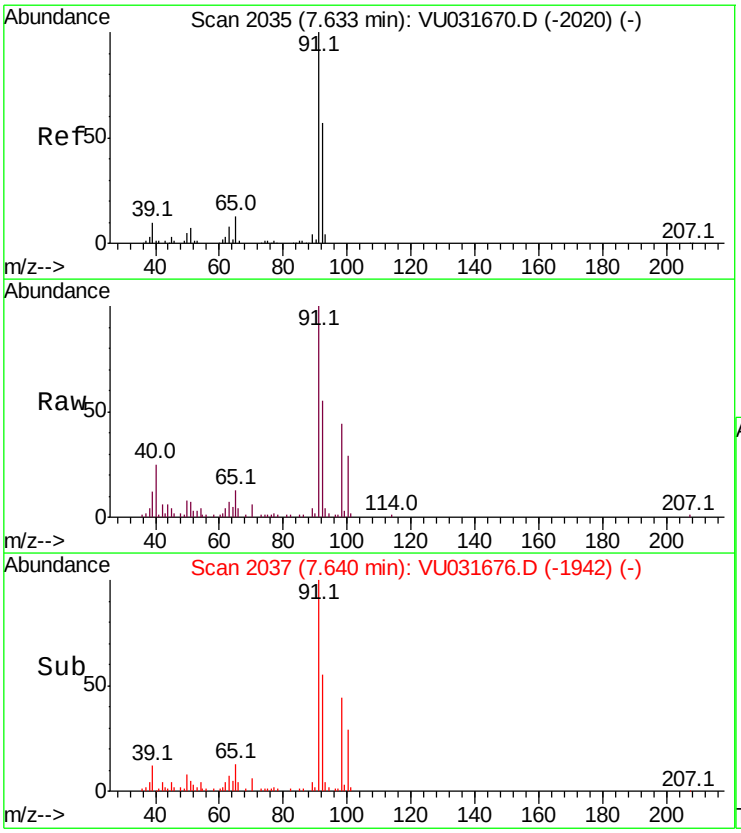


#33
Benzene
Concen: 1.534 ug/L
RT: 5.38 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VU031676.D
Acq: 01 May 2019 12:00

Instrument :
MSVOA_U
ClientSampleId :
GAJ80DL

Tgt Ion: 78 Resp: 52749

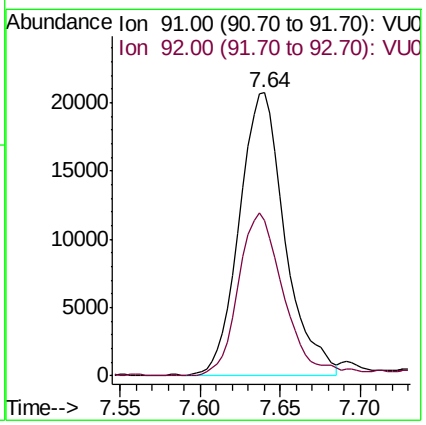


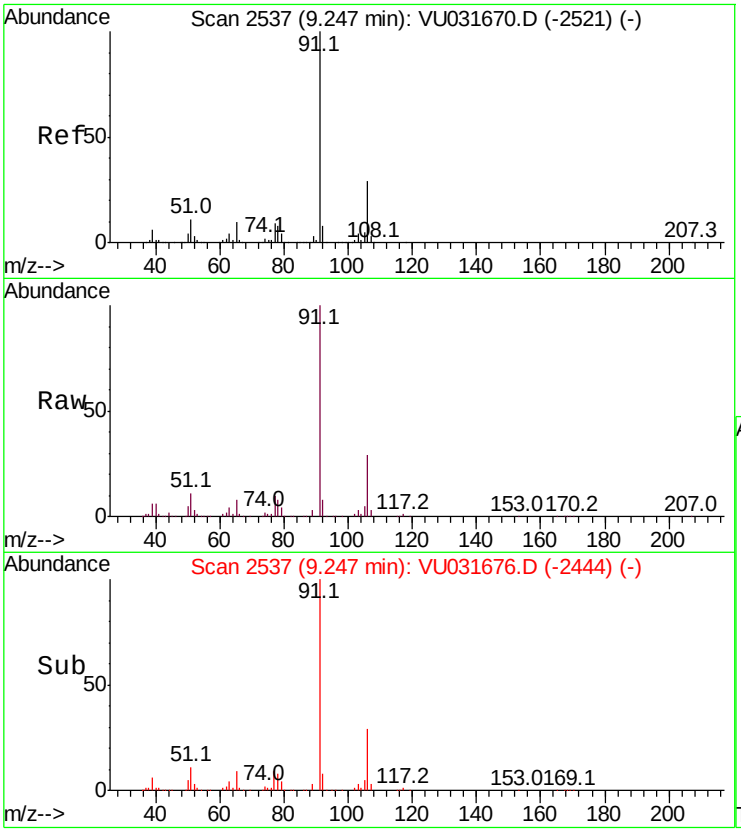


#42
Toluene
Concen: 1.185 ug/L
RT: 7.64 min Scan# 2037
Delta R.T. 0.01 min
Lab File: VU031676.D
Acq: 01 May 2019 12:00

Tgt Ion: 91 Resp: 40616

Ion	Ratio	Lower	Upper
91	100		
92	55.1	39.0	72.4



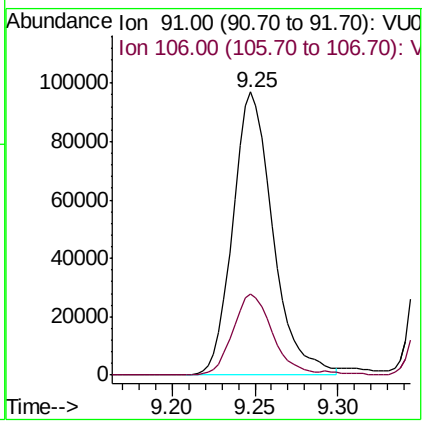


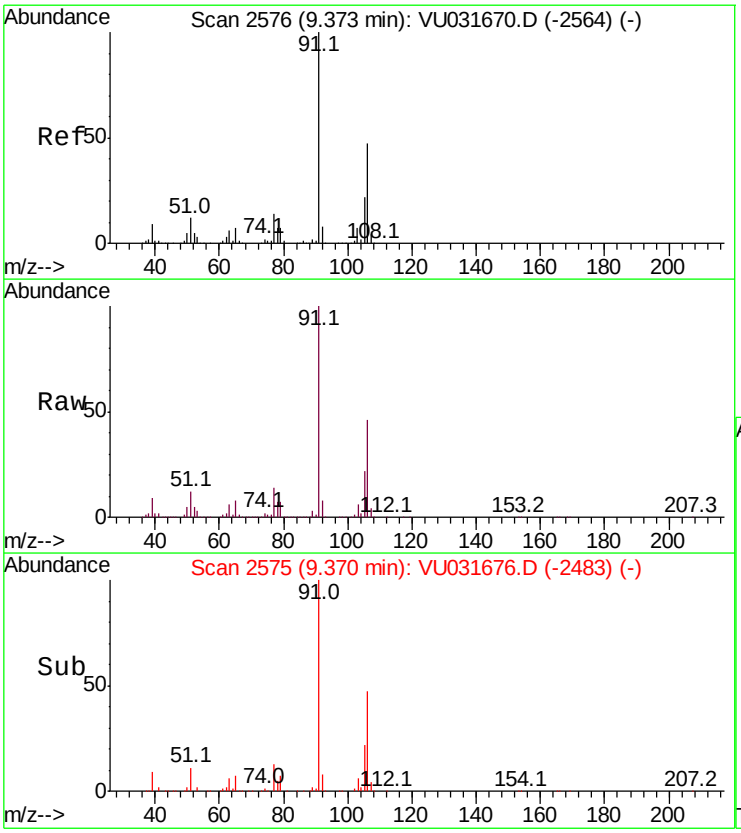
#52
Ethylbenzene
Concen: 4.577 ug/L
RT: 9.25 min Scan# 2537
Delta R.T. 0.00 min
Lab File: VU031676.D
Acq: 01 May 2019 12:00

Instrument : MSVOA_U
ClientSampleId : GAJ80DL

Tgt Ion: 91 Resp: 162670

Ion	Ratio	Lower	Upper
91	100		
106	28.8	20.4	37.8

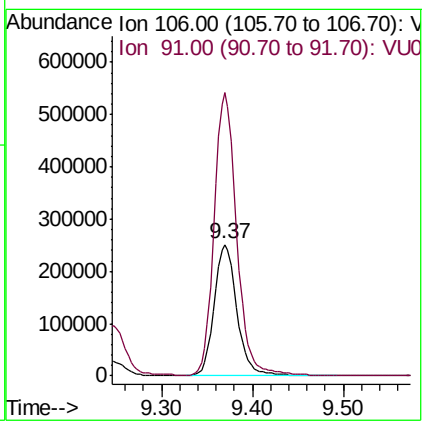


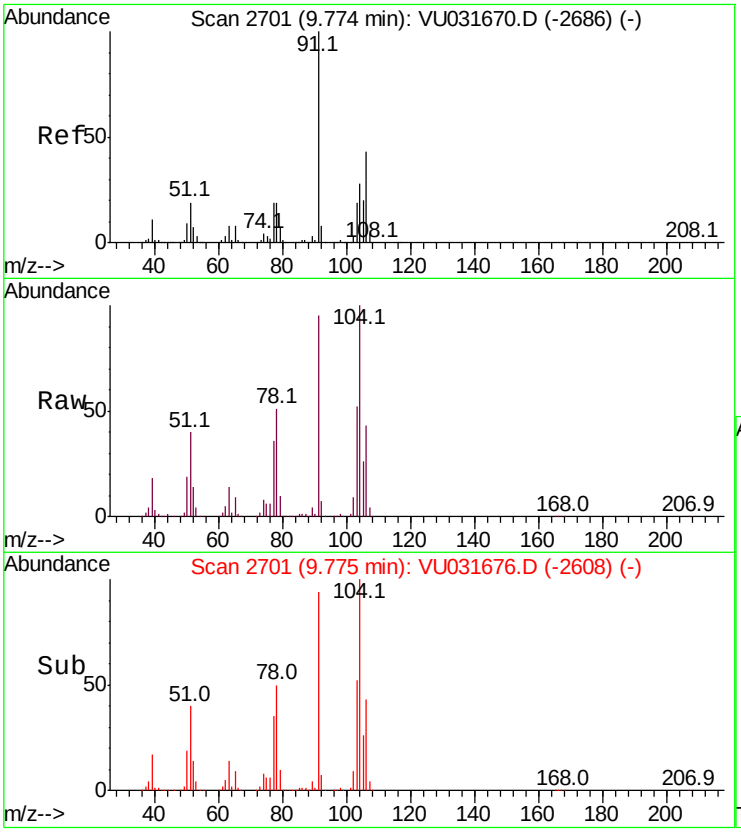


#53
m,p-Xylene
Concen: 35.165 ug/L
RT: 9.37 min Scan# 2575
Delta R.T. -0.00 min
Lab File: VU031676.D
Acq: 01 May 2019 12:00

Tgt Ion:106 Resp: 435456

Ion	Ratio	Lower	Upper
106	100		
91	215.1	152.2	282.6



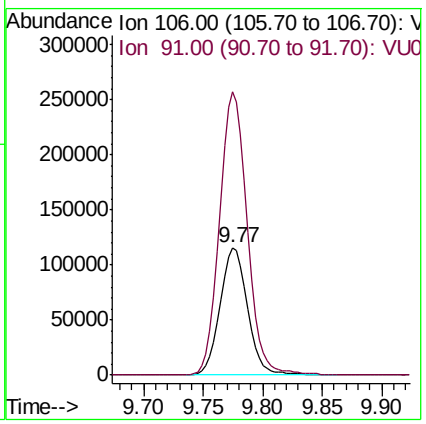


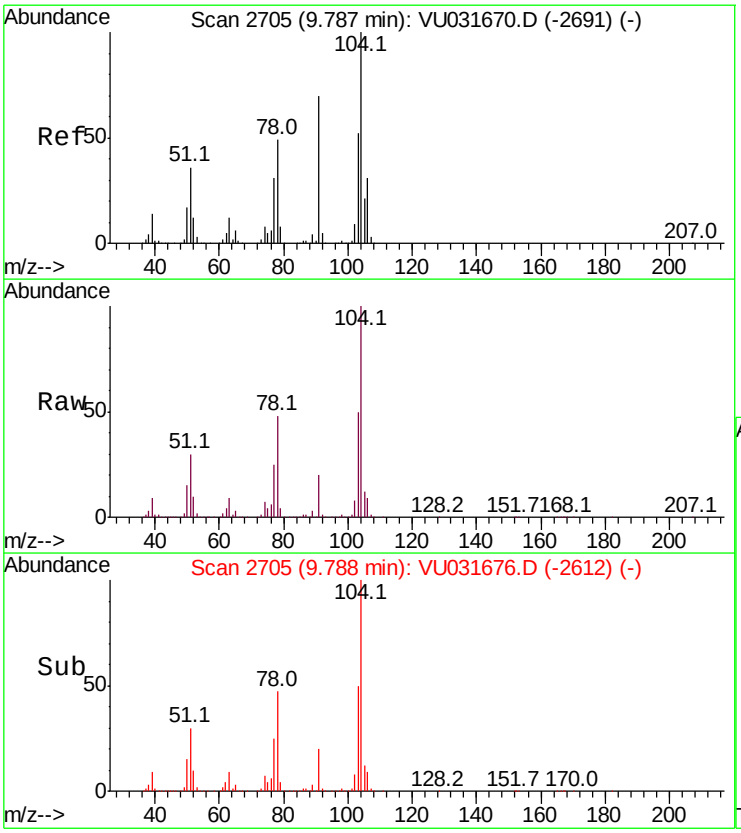
#54
o-xylene
Concen: 15.145 ug/L
RT: 9.77 min Scan# 2701
Delta R.T. 0.00 min
Lab File: VU031676.D
Acq: 01 May 2019 12:00

Instrument : MSVOA_U
ClientSampleId : GAJ80DL

Tgt Ion:106 Resp: 185927

Ion	Ratio	Lower	Upper
106	100		
91	222.1	163.2	303.2





#55
Styrene
Concen: 52.269 ug/L
RT: 9.79 min Scan# 2705
Delta R.T. 0.00 min
Lab File: VU031676.D
Acq: 01 May 2019 12:00

Tgt Ion:104 Resp: 1096317

Ion	Ratio	Lower	Upper
104	100		
78	47.5	35.4	65.7