Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012920\
Data File : VU036602.D
Acq On : 29 Jan 2020 18:57
Operator : JC/MD
Sample : L1271-04
Misc : 5.10g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GASZ5

Quant Time: Jan 30 05:02:31 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jan 30 02:48:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	298786	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	292509	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	165163	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	83458	37.29	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 74.58%			
7) Chloroethane-d5	1.89	69	21084	10.98	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery = 21.96%#			
11) 1,1-Dichloroethene-d2	2.56	63	111367	30.78	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery = 61.56%			
21) 2-Butanone-d5	4.69	46	116299	87.55	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery = 87.55%			
24) Chloroform-d	5.11	84	149450	40.78	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 81.56%			
26) 1,2-Dichloroethane-d4	5.74	65	97233	42.57	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 85.14%			
32) Benzene-d6	5.76	84	347334	42.21	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 84.42%			
36) 1,2-Dichloropropane-d6	6.73	67	109242	42.61	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 85.22%			
41) Toluene-d8	7.93	98	341819	43.18	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 86.36%			
43) trans-1,3-Dichloropropene-	8.21	79	53883	44.19	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 88.38%			
47) 2-Hexanone-d5	8.68	63	138313	116.33	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery = 116.33%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	182676	48.46	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 96.92%			
64) 1,2-Dichlorobenzene-d4	12.21	152	150887	42.57	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 85.14%			
Target Compounds						Qvalue
15) Methyl Acetate	2.99	43	1895	0.943	ug/L	91
42) Toluene	8.00	91	22710	2.389	ug/L	97
52) Ethylbenzene	9.60	91	24904	2.392	ug/L	97
53) m,p-Xylene	9.72	106	110306	27.159	ug/L	99
54) o-xylene	10.13	106	108615	26.810	ug/L	99
55) Styrene	10.14	104	104691	15.924	ug/L	94

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

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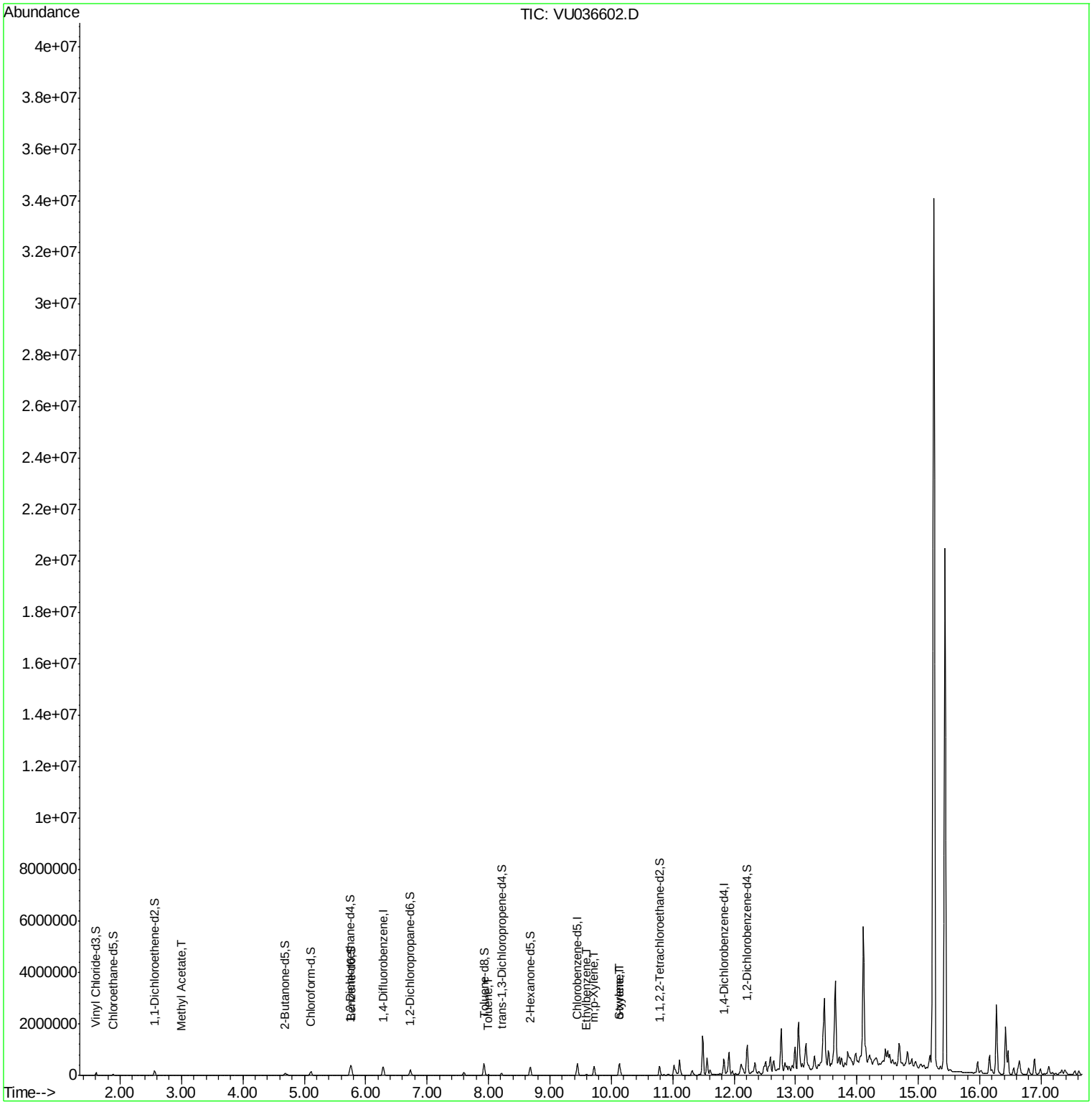
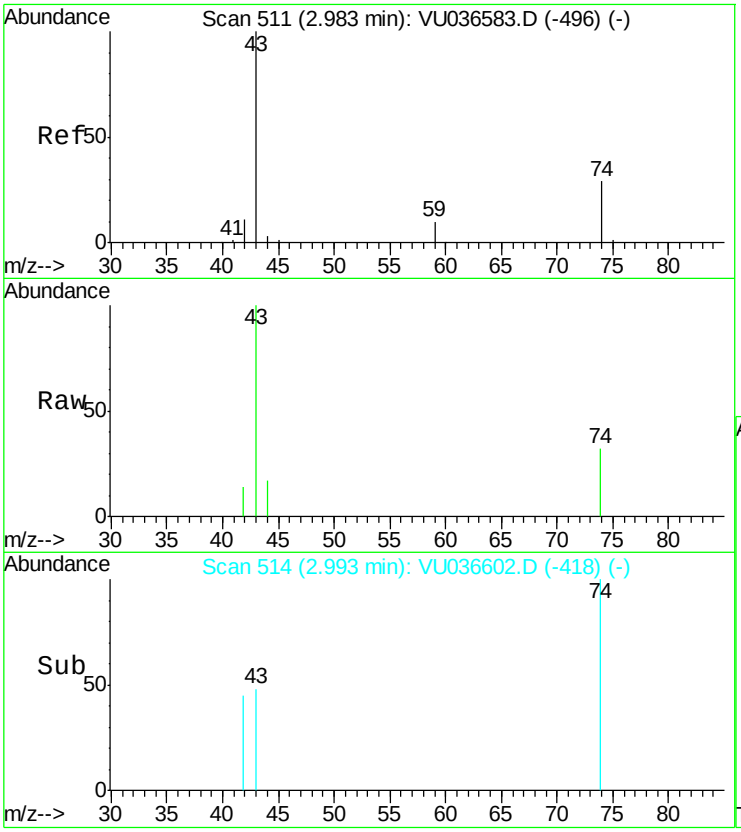


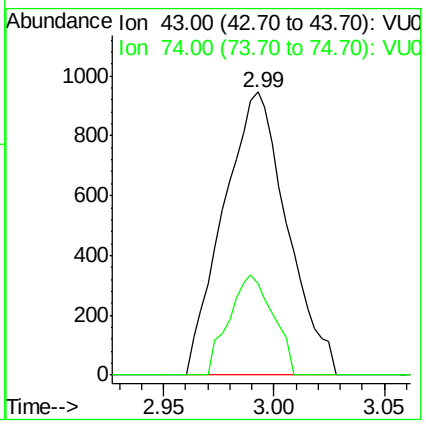


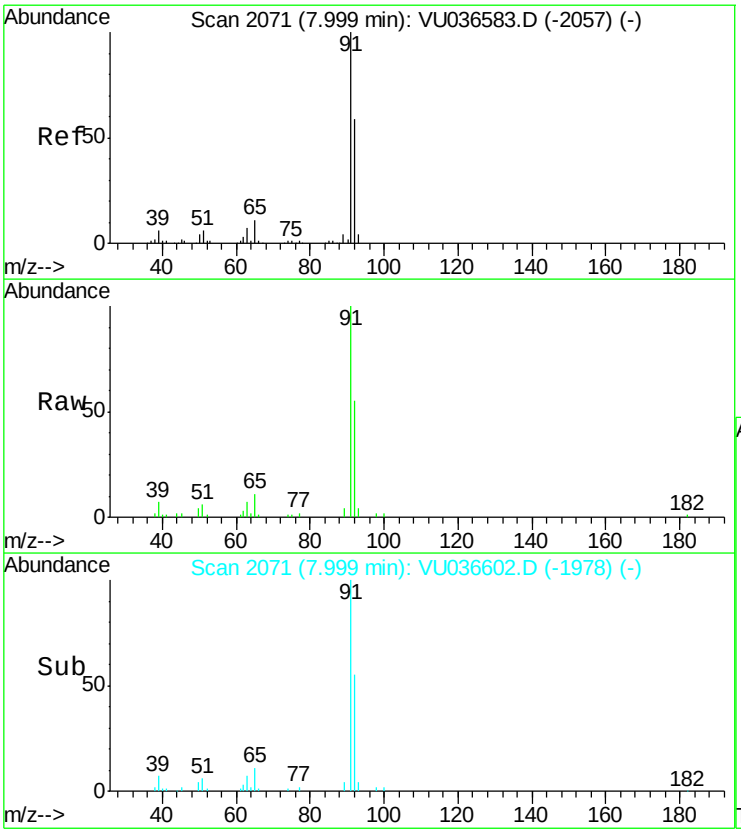
#15
Methyl Acetate
Concen: 0.943 ug/L
RT: 2.99 min Scan# 514
Delta R.T. 0.01 min
Lab File: VU036602.D
Acq: 29 Jan 2020 18:57

Instrument : MSVOA_U
ClientSampleId : GASZ5

Tgt Ion: 43 Resp: 1895

Ion	Ratio	Lower	Upper
43	100		
74	24.5	23.3	34.9

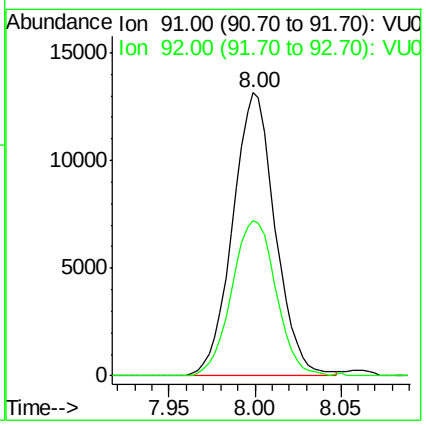


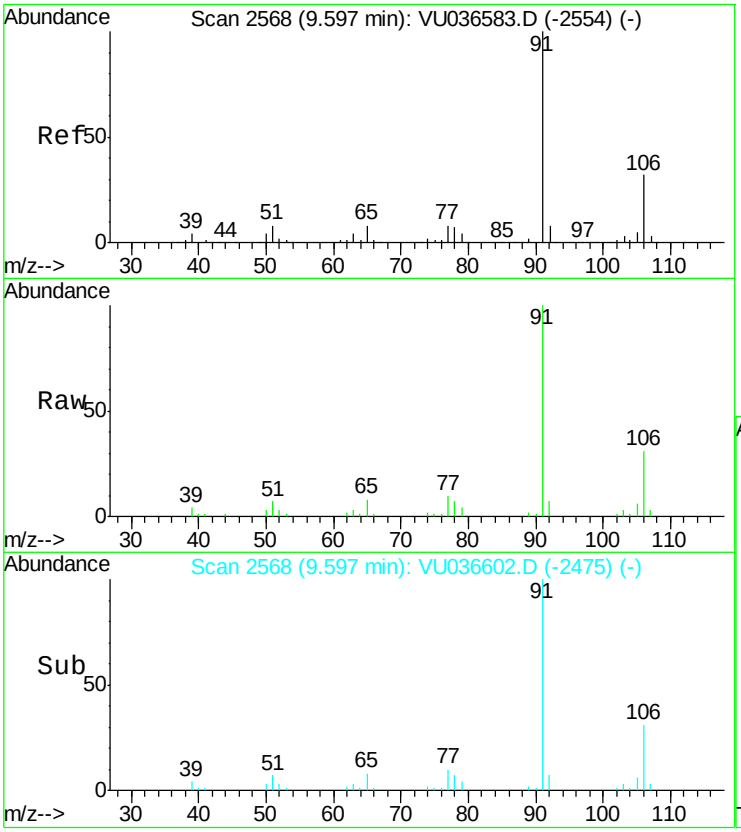


#42
Toluene
Concen: 2.389 ug/L
RT: 8.00 min Scan# 2071
Delta R.T. 0.00 min
Lab File: VU036602.D
Acq: 29 Jan 2020 18:57

Tgt Ion: 91 Resp: 22710

Ion	Ratio	Lower	Upper
91	100		
92	54.7	39.9	74.1



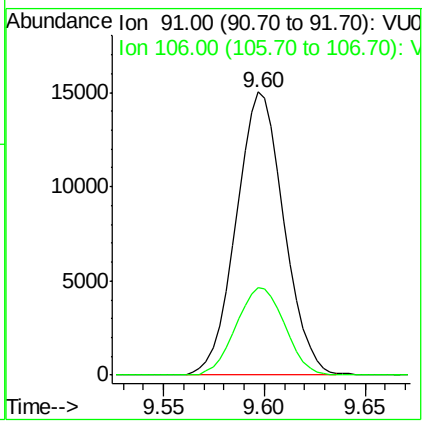


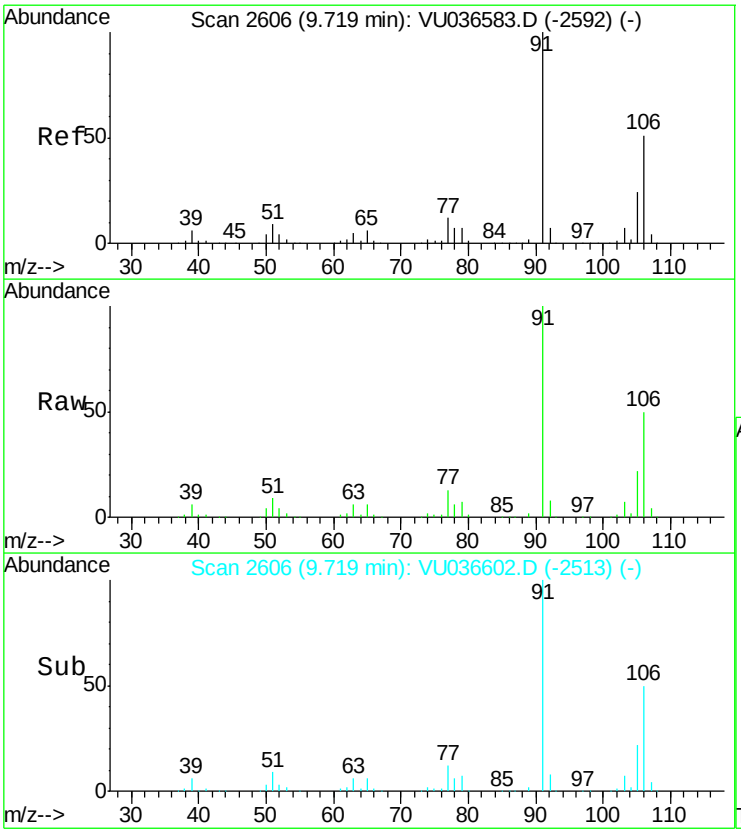
#52
Ethylbenzene
Concen: 2.392 ug/L
RT: 9.60 min Scan# 2568
Delta R.T. 0.00 min
Lab File: VU036602.D
Acq: 29 Jan 2020 18:57

Instrument : MSVOA_U
ClientSampleId : GASZ5

Tgt Ion: 91 Resp: 24904

Ion	Ratio	Lower	Upper
91	100		
106	30.7	22.6	42.0

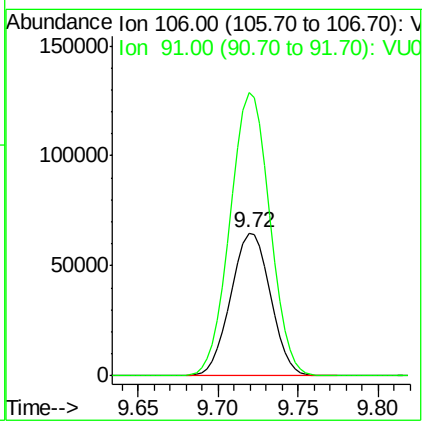


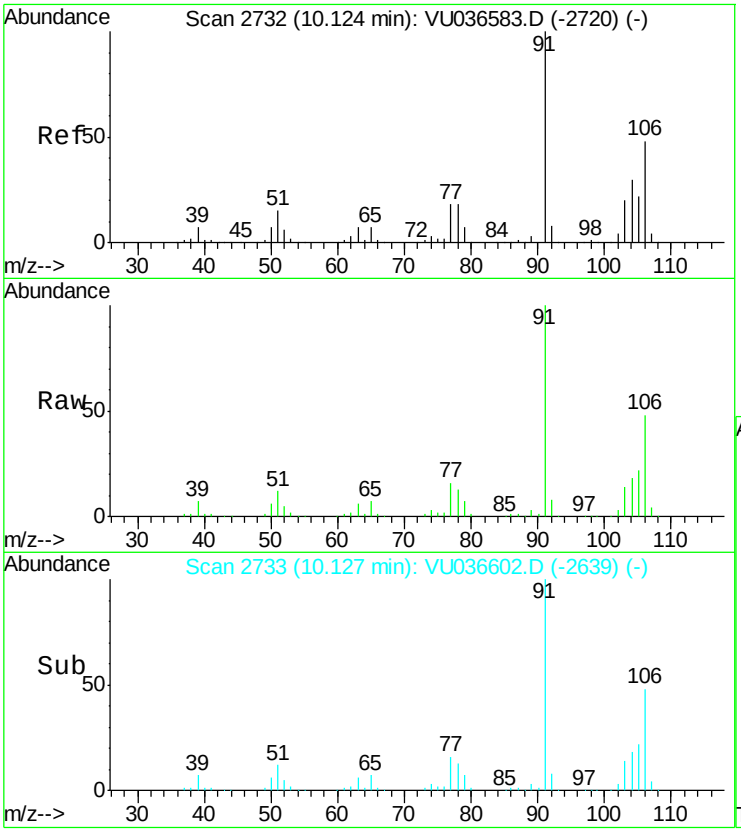


#53
m,p-Xylene
Concen: 27.159 ug/L
RT: 9.72 min Scan# 2606
Delta R.T. 0.00 min
Lab File: VU036602.D
Acq: 29 Jan 2020 18:57

Tgt Ion:106 Resp: 110306

Ion	Ratio	Lower	Upper
106	100		
91	198.0	139.4	259.0



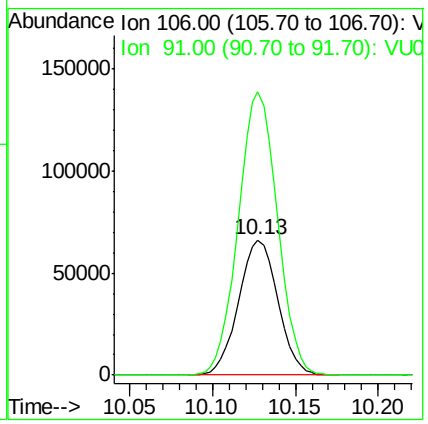


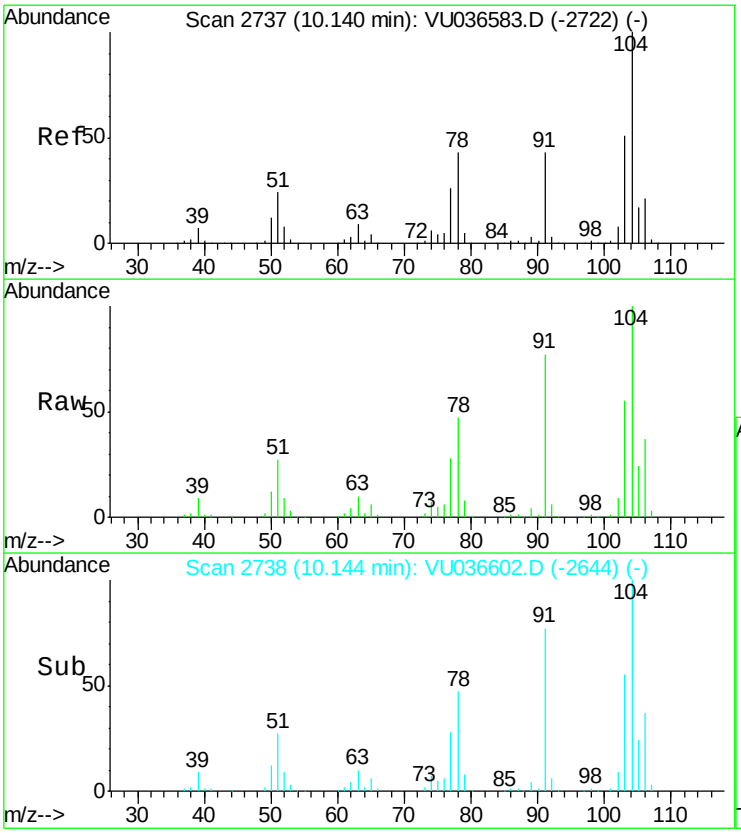
#54
o-xylene
Concen: 26.810 ug/L
RT: 10.13 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU036602.D
Acq: 29 Jan 2020 18:57

Instrument : MSVOA_U
ClientSampleId : GASZ5

Tgt Ion:106 Resp: 108615

Ion	Ratio	Lower	Upper
106	100		
91	209.8	145.9	271.1





#55
Styrene
Concen: 15.924 ug/L
RT: 10.14 min Scan# 2738
Delta R.T. 0.00 min
Lab File: VU036602.D
Acq: 29 Jan 2020 18:57

Tgt Ion:104 Resp: 104691

Ion	Ratio	Lower	Upper
104	100		
78	46.9	30.1	55.9