Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052419\
Data File : VU032308.D
Acq On : 24 May 2019 13:03
Operator : JC/SP
Sample : K3001-10 25X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 63 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : E3YF5

Quant Time: May 25 00:11:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052419WMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 24 23:32:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	771391	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	774009	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	356853	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	211637	52.49	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 104.98%			
7) Chloroethane-d5	1.67	69	198106	51.19	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 102.38%			
11) 1,1-Dichloroethene-d2	2.27	63	312581	39.09	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 78.18%			
21) 2-Butanone-d5	4.17	46	351719	91.43	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 91.43%			
24) Chloroform-d	4.64	84	455275	44.29	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.58%			
26) 1,2-Dichloroethane-d4	5.30	65	287356	44.51	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.02%			
32) Benzene-d6	5.33	84	955304	48.47	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.94%			
36) 1,2-Dichloropropane-d6	6.32	67	290490	46.30	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 92.60%			
41) Toluene-d8	7.56	98	858476	47.59	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.18%			
43) trans-1,3-Dichloropropene-	7.85	79	130280	45.16	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 90.32%			
47) 2-Hexanone-d5	8.31	63	231254	87.67	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 87.67%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	448521	42.80	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 85.60%			
64) 1,2-Dichlorobenzene-d4	11.85	152	364123	48.55	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.10%			
Target Compounds						Qvalue
19) 1,1-Dichloroethane	3.44	63	7619	0.801	ug/L #	86
35) Methylcyclohexane	6.41	83	27175	4.096	ug/L	92
42) Toluene	7.64	91	11469	0.492	ug/L	92
52) Ethylbenzene	9.24	91	2366174	99.866	ug/L	100
53) m,p-Xylene	9.37	106	1656162	181.094	ug/L	100
56) Isopropylbenzene	10.16	105	81014	3.637	ug/L	99

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

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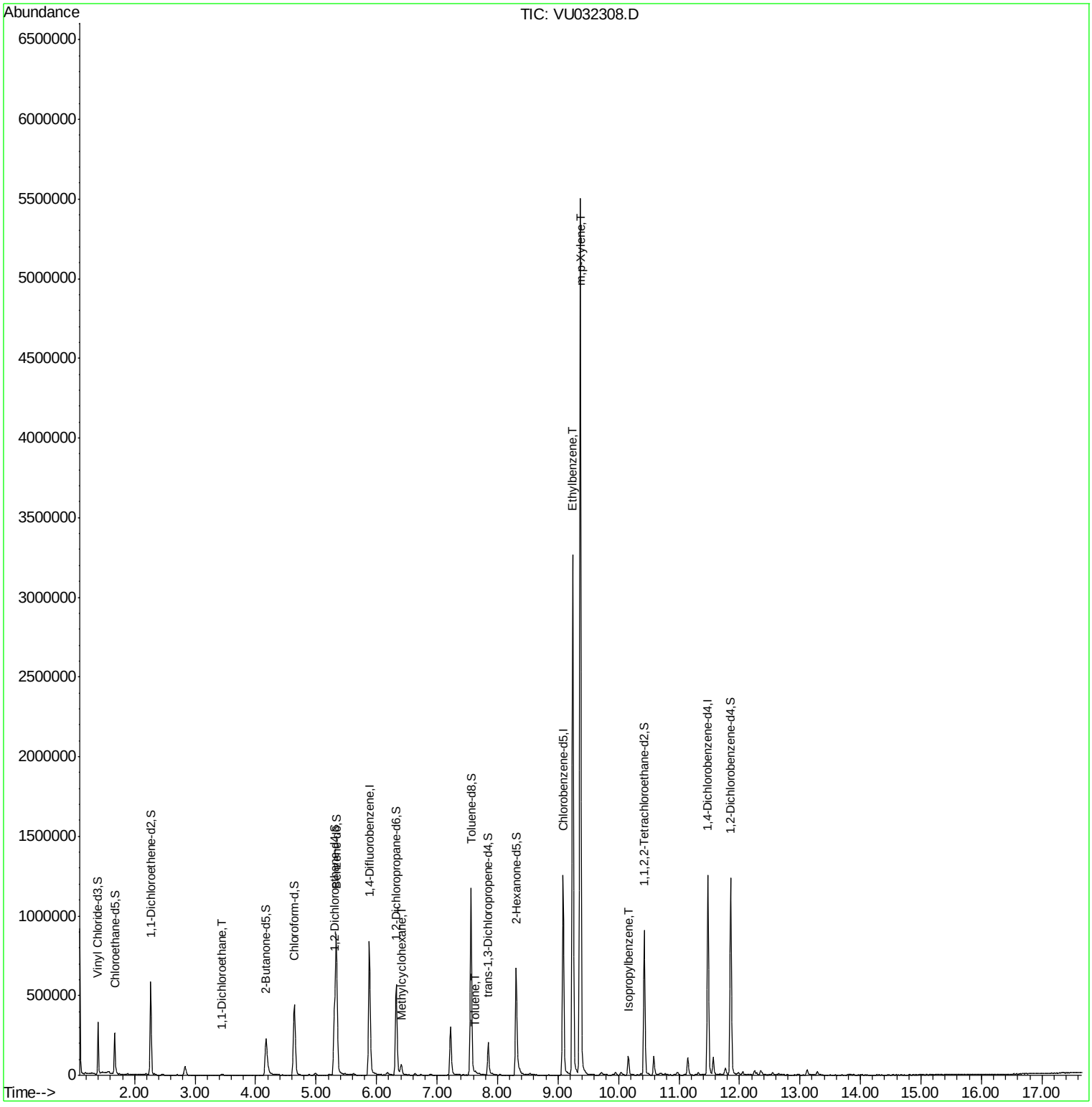
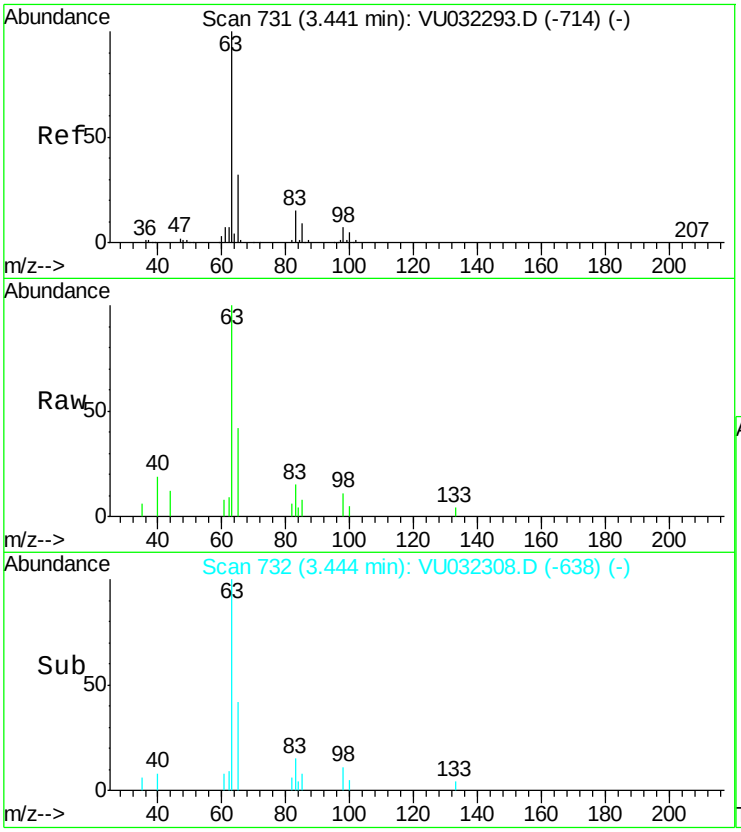


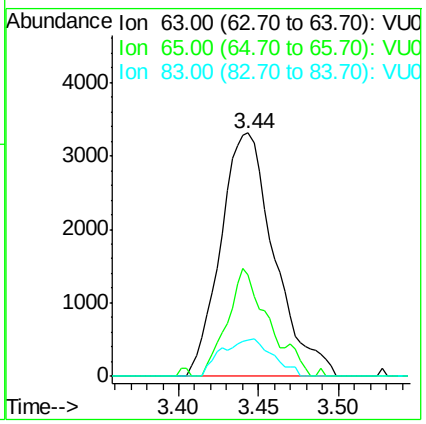


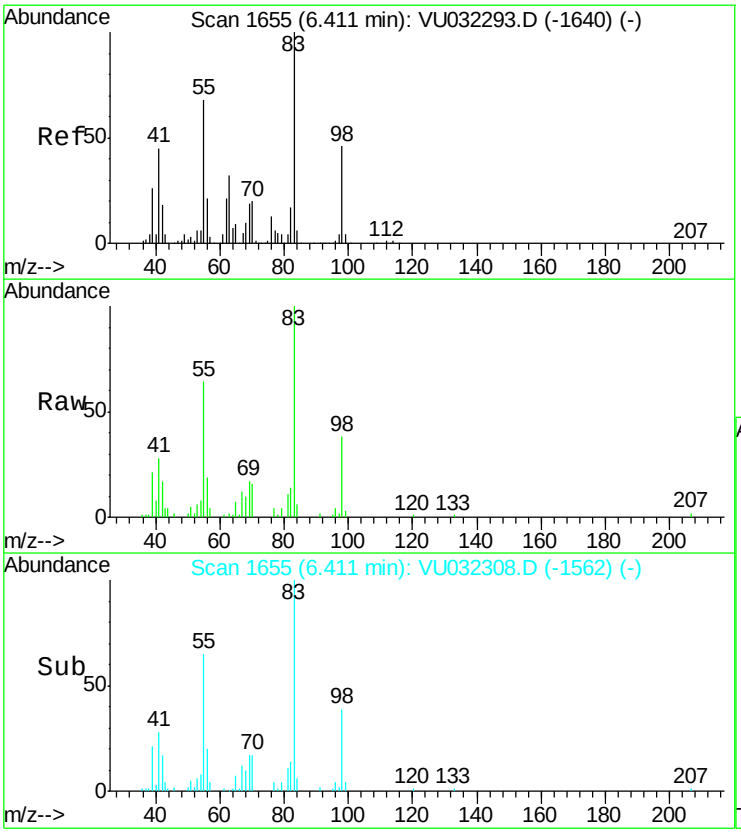
#19
1,1-Dichloroethane
Concen: 0.801 ug/L
RT: 3.44 min Scan# 732
Delta R.T. 0.00 min
Lab File: VU032308.D
Acq: 24 May 2019 13:03

Instrument : MSVOA_U
ClientSampleId : E3YF5

Tgt Ion: 63 Resp: 7619

Ion	Ratio	Lower	Upper
63	100		
65	41.7	21.6	40.0#
83	14.9	10.3	19.1

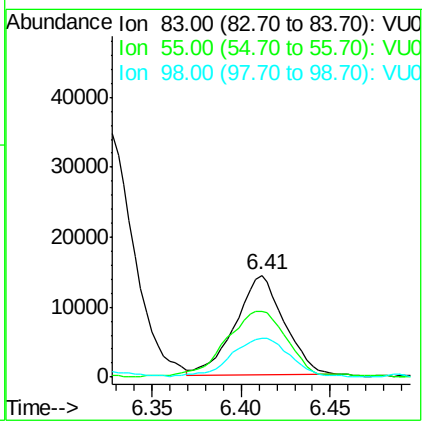


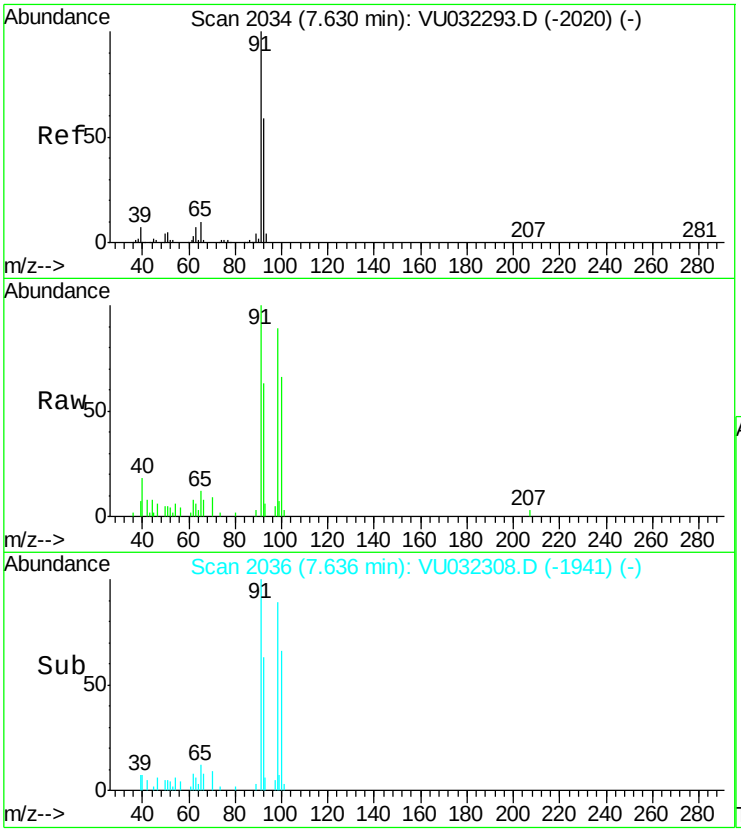


#35
Methylcyclohexane
Concen: 4.096 ug/L
RT: 6.41 min Scan# 1655
Delta R.T. -0.00 min
Lab File: VU032308.D
Acq: 24 May 2019 13:03

Tgt Ion: 83 Resp: 27175

Ion	Ratio	Lower	Upper
83	100		
55	79.1	56.1	84.1
98	44.2	36.8	55.2



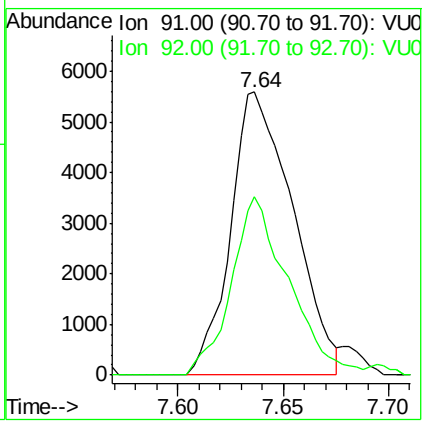


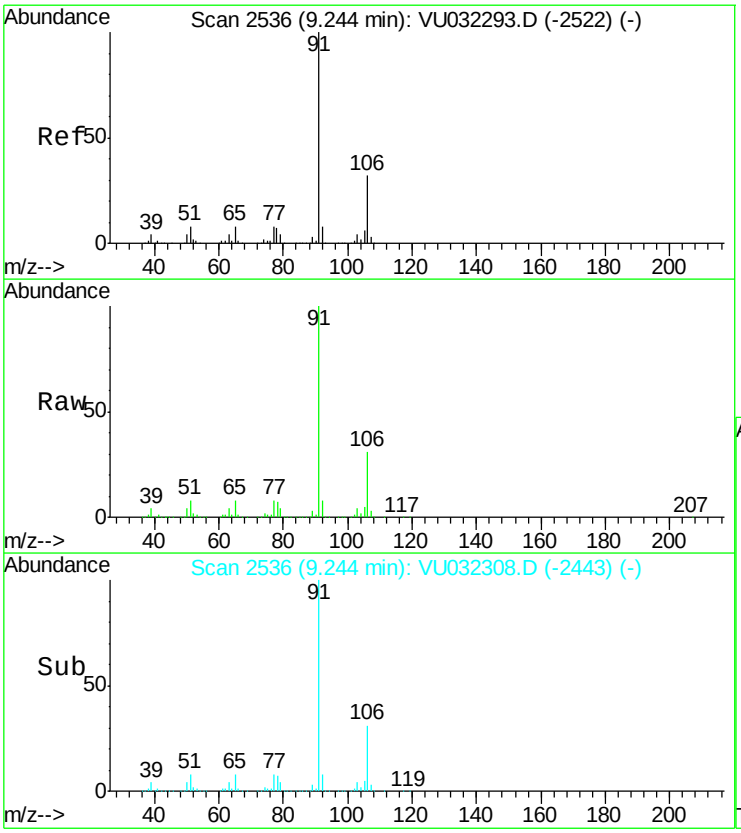
#42
Toluene
Concen: 0.492 ug/L
RT: 7.64 min Scan# 2036
Delta R.T. 0.01 min
Lab File: VU032308.D
Acq: 24 May 2019 13:03

Instrument : MSVOA_U
ClientSampleId : E3YF5

Tgt Ion: 91 Resp: 11469

Ion	Ratio	Lower	Upper
91	100		
92	63.2	40.3	74.9

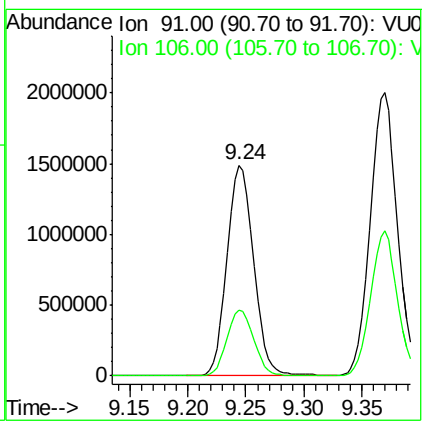


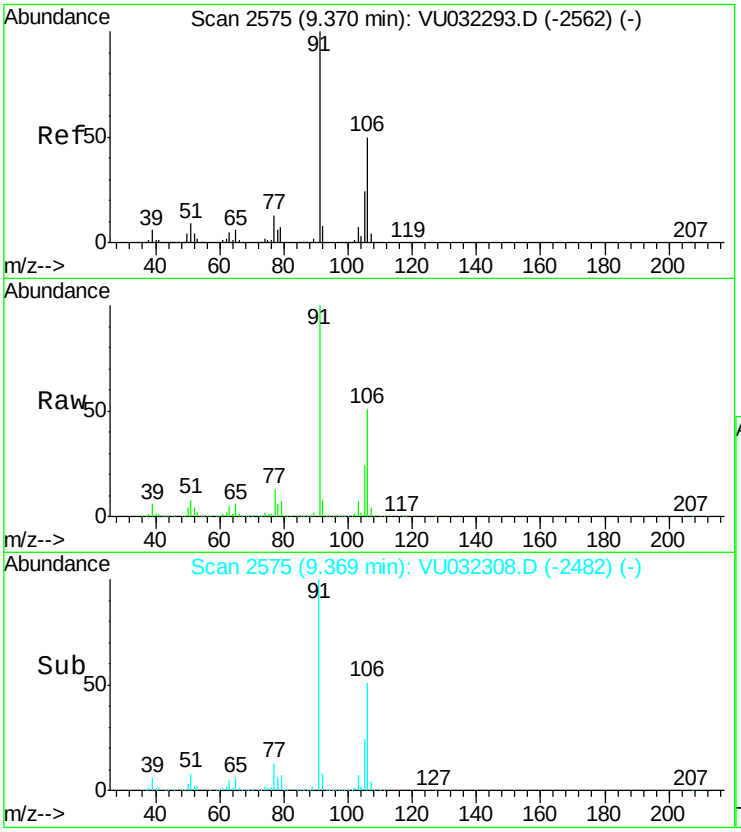


#52
Ethylbenzene
Concen: 99.866 ug/L
RT: 9.24 min Scan# 2536
Delta R.T. -0.00 min
Lab File: VU032308.D
Acq: 24 May 2019 13:03

Tgt Ion: 91 Resp: 2366174

Ion	Ratio	Lower	Upper
91	100		
106	31.3	22.0	41.0



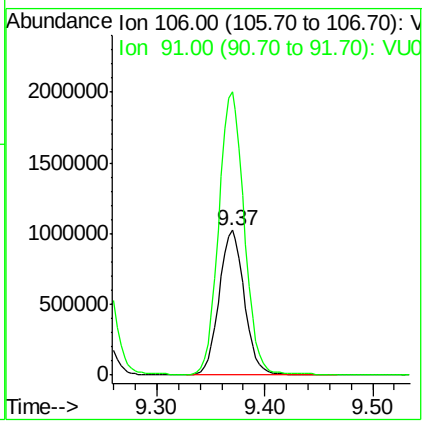


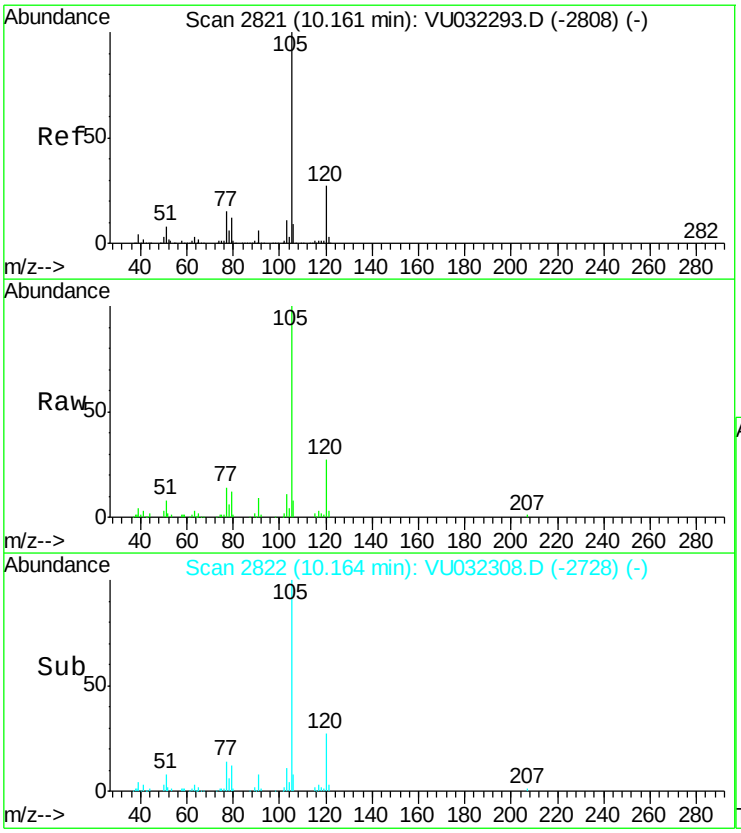
#53
m,p-Xylene
Concen: 181.094 ug/L
RT: 9.37 min Scan# 2575
Delta R.T. -0.00 min
Lab File: VU032308.D
Acq: 24 May 2019 13:03

Instrument : MSVOA_U
ClientSampleId : E3YF5

Tgt Ion:106 Resp: 1656162

Ion	Ratio	Lower	Upper
106	100		
91	195.6	136.5	253.5





#56
Isopropylbenzene
Concen: 3.637 ug/L
RT: 10.16 min Scan# 2822
Delta R.T. 0.00 min
Lab File: VU032308.D
Acq: 24 May 2019 13:03

Tgt Ion:105 Resp: 81014

Ion	Ratio	Lower	Upper
105	100		
120	26.6	21.0	31.4
77	14.2	11.8	17.6