Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041719\
Data File : VU031261.D
Acq On : 17 Apr 2019 15:50
Operator : JC/SP
Sample : K2455-02 5X
Misc : 5.02g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAHQ4

Quant Time: Apr 18 04:54:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 18 04:50:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	627266	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	622351	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	325109	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	176467	30.55	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 61.10%			
7) Chloroethane-d5	1.68	69	153430	30.59	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 61.18%#			
11) 1,1-Dichloroethene-d2	2.26	63	253645	22.16	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 44.32%#			
21) 2-Butanone-d5	4.20	46	350266	83.25	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 83.25%			
24) Chloroform-d	4.64	84	343236	35.61	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 71.22%			
26) 1,2-Dichloroethane-d4	5.30	65	221759	37.36	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 74.72%			
32) Benzene-d6	5.33	84	704842	35.83	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 71.66%			
36) 1,2-Dichloropropane-d6	6.32	67	220964	34.60	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 69.20%#			
41) Toluene-d8	7.56	98	616573	35.61	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 71.22%#			
43) trans-1,3-Dichloropropene-	7.85	79	102793	33.68	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 67.36%			
47) 2-Hexanone-d5	8.32	63	239766	79.54	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 79.54%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	315816	35.63	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 71.26%			
64) 1,2-Dichlorobenzene-d4	11.86	152	259725	34.83	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 69.66%#			
Target Compounds						Qvalue
48) 2-Hexanone	8.32	43	26737	4.298	ug/L #	69
52) Ethylbenzene	9.25	91	19960	0.881	ug/L	98
53) m,p-Xylene	9.37	106	76207	9.527	ug/L	97
54) o-xylene	9.78	106	91498	11.295	ug/L	96
55) Styrene	9.79	104	243132	17.781	ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.65	75	5119	2.374	ug/L #	5

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

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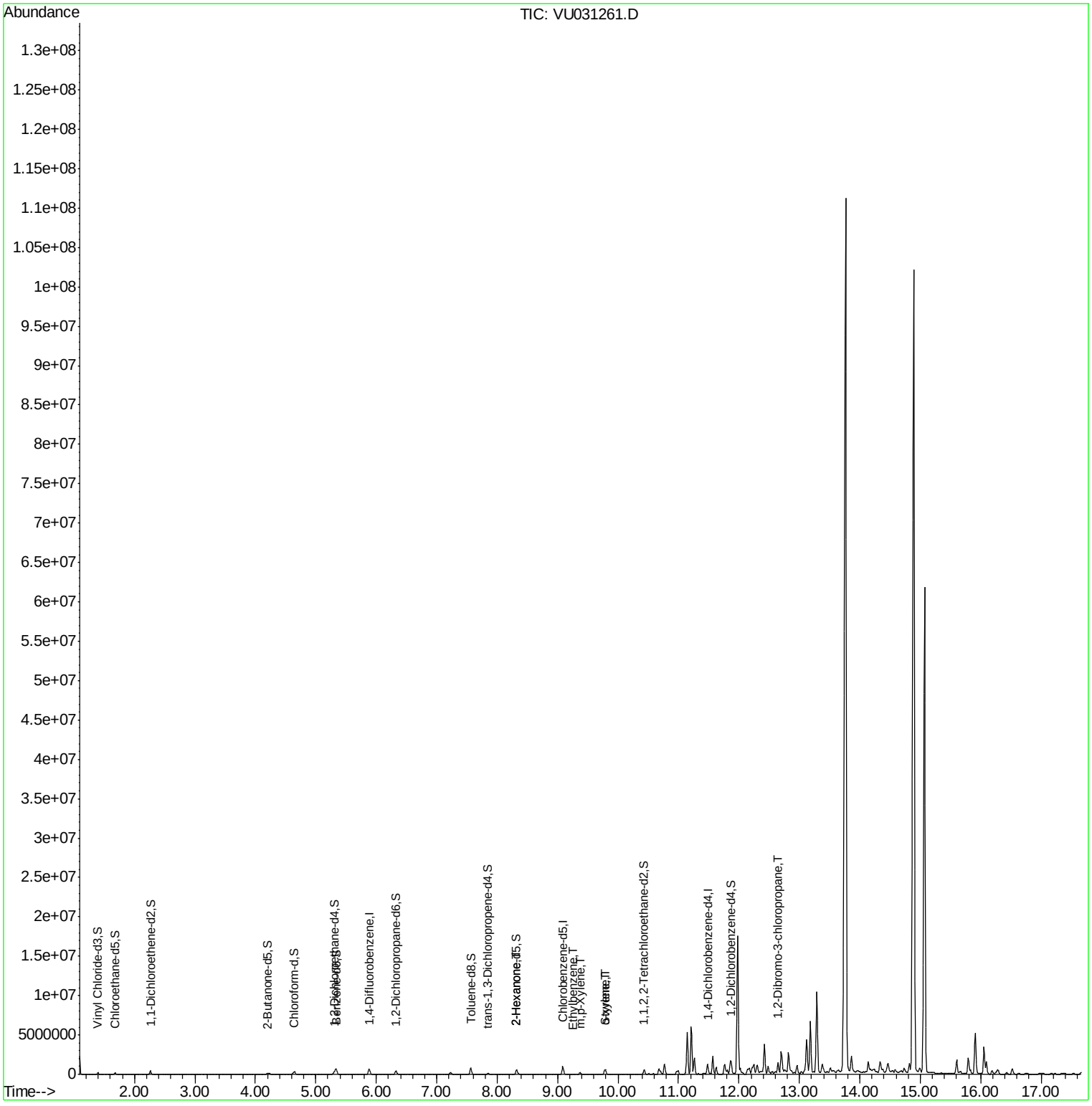
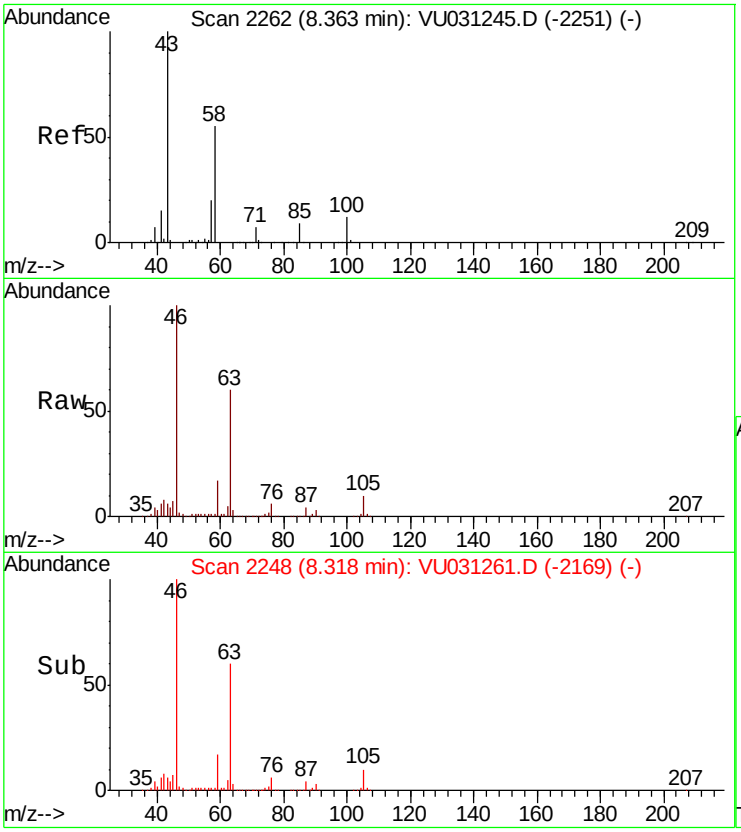
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAHQ4

Quant Time: Apr 18 04:54:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 18 04:50:11 2019
Response via : Initial Calibration



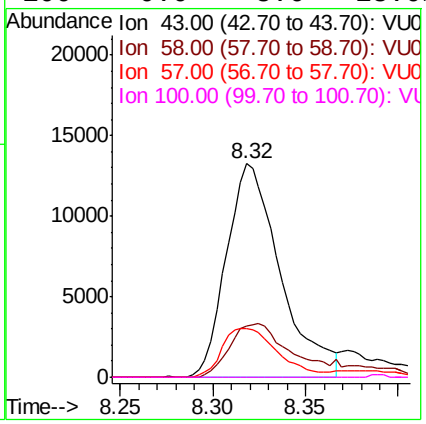


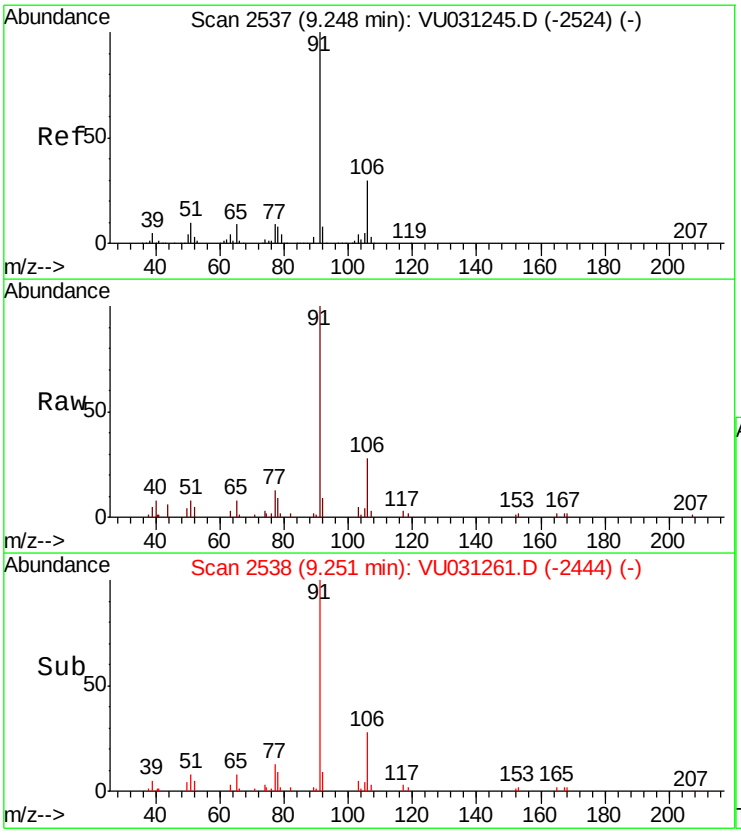
#48
2-Hexanone
Concen: 4.298 ug/L
RT: 8.32 min Scan# 2248
Delta R.T. -0.04 min
Lab File: VU031261.D
Acq: 17 Apr 2019 15:50

Instrument : MSVOA_U
ClientSampleId : GAHQ4

Tgt Ion: 43 Resp: 26737

Ion	Ratio	Lower	Upper
43	100		
58	27.9	44.9	67.3#
57	23.7	15.1	22.7#
100	0.0	8.6	13.0#

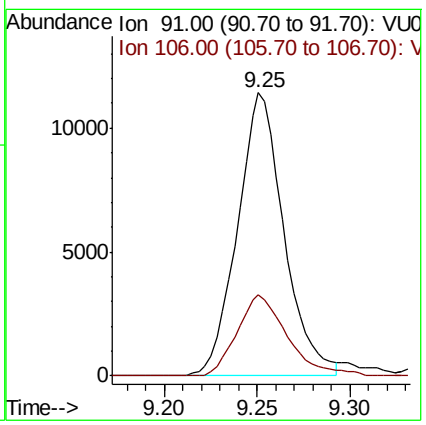


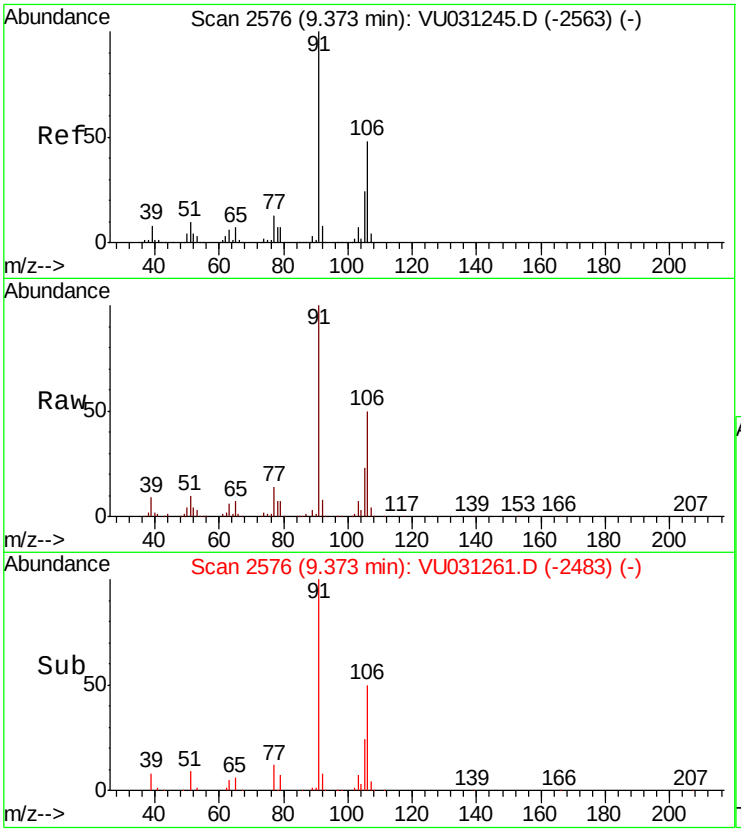


#52
Ethylbenzene
Concen: 0.881 ug/L
RT: 9.25 min Scan# 2538
Delta R.T. 0.00 min
Lab File: VU031261.D
Acq: 17 Apr 2019 15:50

Tgt Ion: 91 Resp: 19960

Ion	Ratio	Lower	Upper
91	100		
106	28.5	20.9	38.7



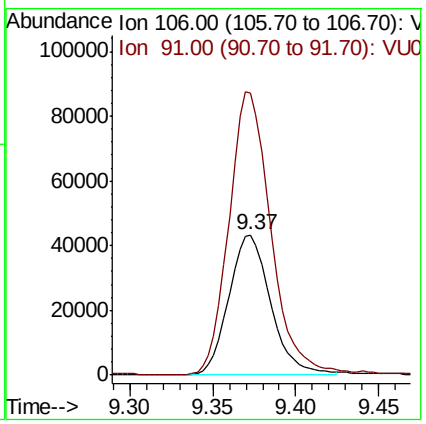


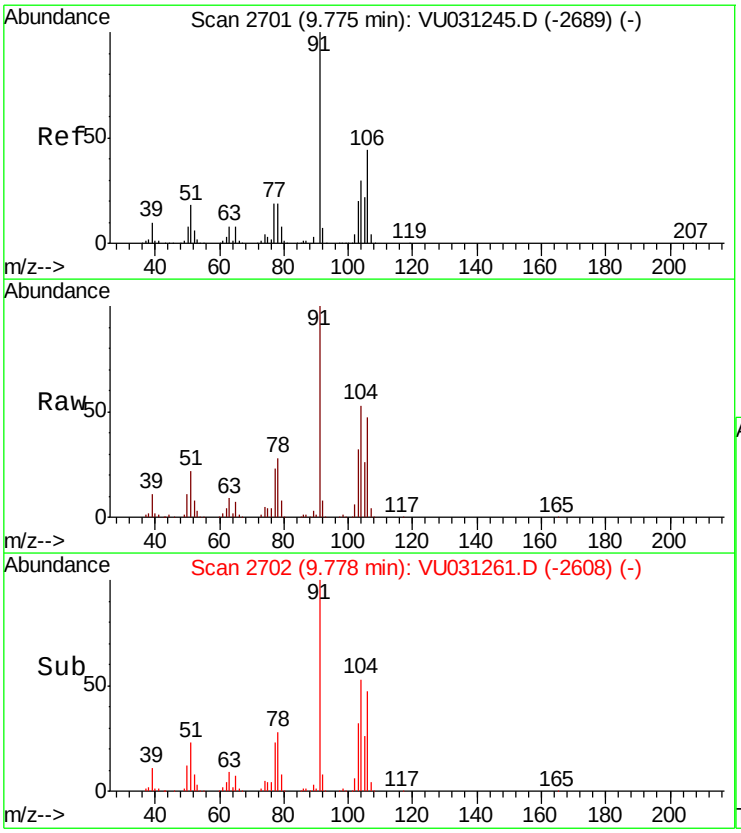
#53
m,p-Xylene
Concen: 9.527 ug/L
RT: 9.37 min Scan# 2576
Delta R.T. 0.00 min
Lab File: VU031261.D
Acq: 17 Apr 2019 15:50

Instrument :
MSVOA_U
ClientSampleId :
GAHQ4

Tgt Ion:106 Resp: 76207

Ion	Ratio	Lower	Upper
106	100		
91	201.2	144.5	268.4

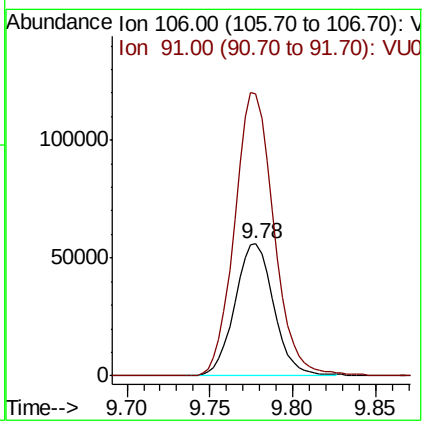


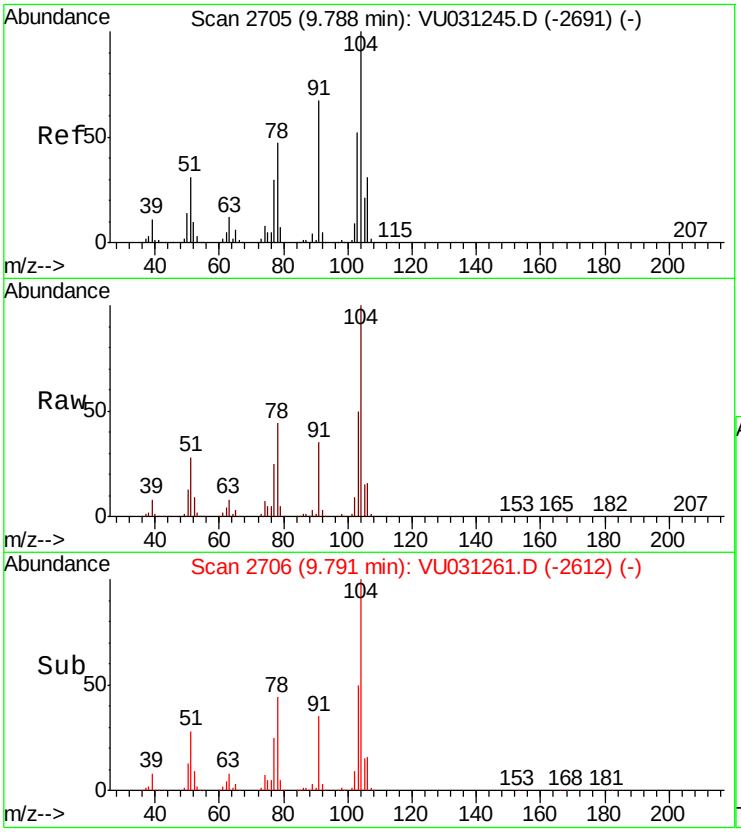


#54
o-xylene
Concen: 11.295 ug/L
RT: 9.78 min Scan# 2702
Delta R.T. 0.00 min
Lab File: VU031261.D
Acq: 17 Apr 2019 15:50

Tgt Ion:106 Resp: 91498

Ion	Ratio	Lower	Upper
106	100		
91	213.2	154.3	286.5



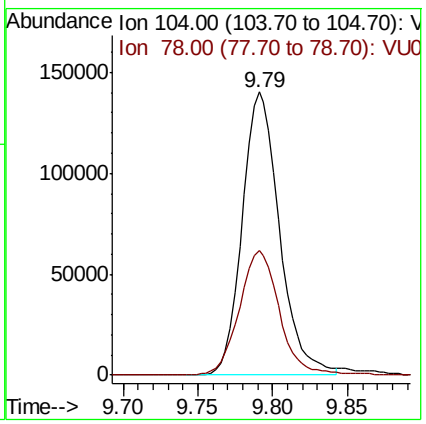


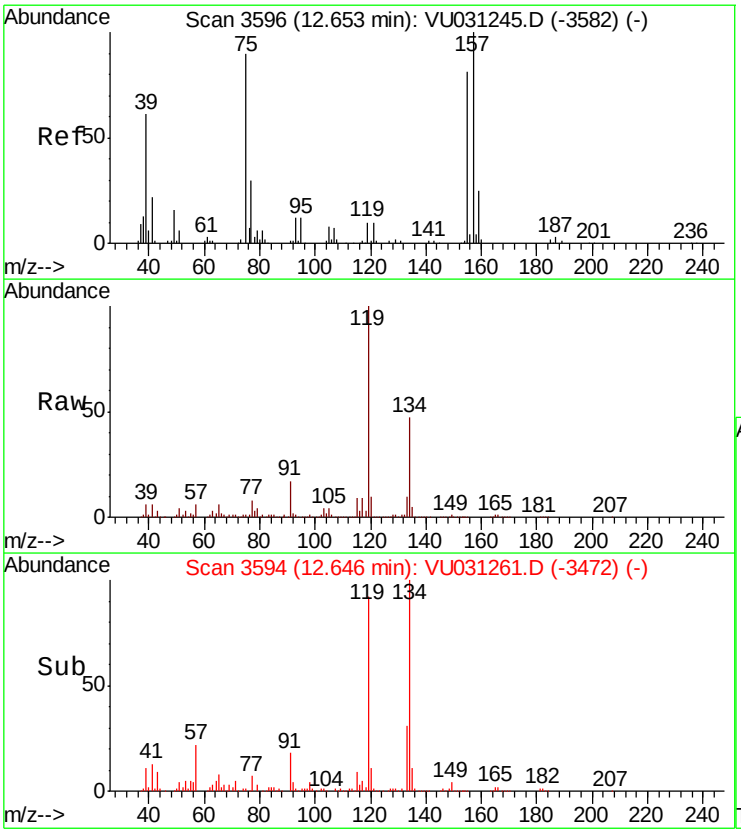
#55
Styrene
Concen: 17.781 ug/L
RT: 9.79 min Scan# 2706
Delta R.T. 0.00 min
Lab File: VU031261.D
Acq: 17 Apr 2019 15:50

Instrument : MSVOA_U
ClientSampleId : GAHQ4

Tgt Ion:104 Resp: 243132

Ion	Ratio	Lower	Upper
104	100		
78	44.1	32.8	61.0





#66
1,2-Dibromo-3-chloropropane
Concen: 2.374 ug/L
RT: 12.65 min Scan# 3594
Delta R.T. -0.01 min
Lab File: VU031261.D
Acq: 17 Apr 2019 15:50

Tgt Ion: 75 Resp: 5119

Ion	Ratio	Lower	Upper
75	100		
155	7.7	66.7	100.1#
157	0.0	86.5	129.7#