Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041119\
Data File : VU031030.D
Acq On : 10 Apr 2019 22:37
Operator : JC/SP
Sample : K2254-08ME
Misc : 6.38g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFC29ME

Quant Time: Apr 19 22:58:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 11 05:17:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	671396	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	713316	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	383343	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	169742	28.32	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 56.64%#			
7) Chloroethane-d5	1.64	69	147413	32.41	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery = 64.82%#			
11) 1,1-Dichloroethene-d2	2.24	63	274754	25.35	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery = 50.70%#			
21) 2-Butanone-d5	4.18	46	468949	98.72	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery = 98.72%			
24) Chloroform-d	4.64	84	352703	38.52	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 77.04%			
26) 1,2-Dichloroethane-d4	5.30	65	264800	42.39	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 84.78%			
32) Benzene-d6	5.33	84	705412	33.88	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 67.76%#			
36) 1,2-Dichloropropane-d6	6.32	67	262445	36.78	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 73.56%			
41) Toluene-d8	7.56	98	658627	35.68	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 71.36%#			
43) trans-1,3-Dichloropropene-	7.85	79	121916	37.46	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 74.92%			
47) 2-Hexanone-d5	8.32	63	326714	100.17	ug/L	0.01
Spiked Amount 100.000	Range 45 - 130		Recovery = 100.17%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	456527	47.43	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 94.86%			
64) 1,2-Dichlorobenzene-d4	11.86	152	313250	41.55	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 83.10%			
Target Compounds						Qvalue
13) Acetone	2.33	43	13210	2.718	ug/L	99
29) Cyclohexane	4.97	56	11266	1.108	ug/L #	48
35) Methylcyclohexane	6.40	83	12696	1.437	ug/L #	76
52) Ethylbenzene	9.25	91	133210	5.129	ug/L	97
53) m,p-Xylene	9.37	106	88696	9.792	ug/L	96
54) o-xylene	9.78	106	30178	3.349	ug/L	95
56) Isopropylbenzene	10.17	105	26141	1.102	ug/L #	94

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

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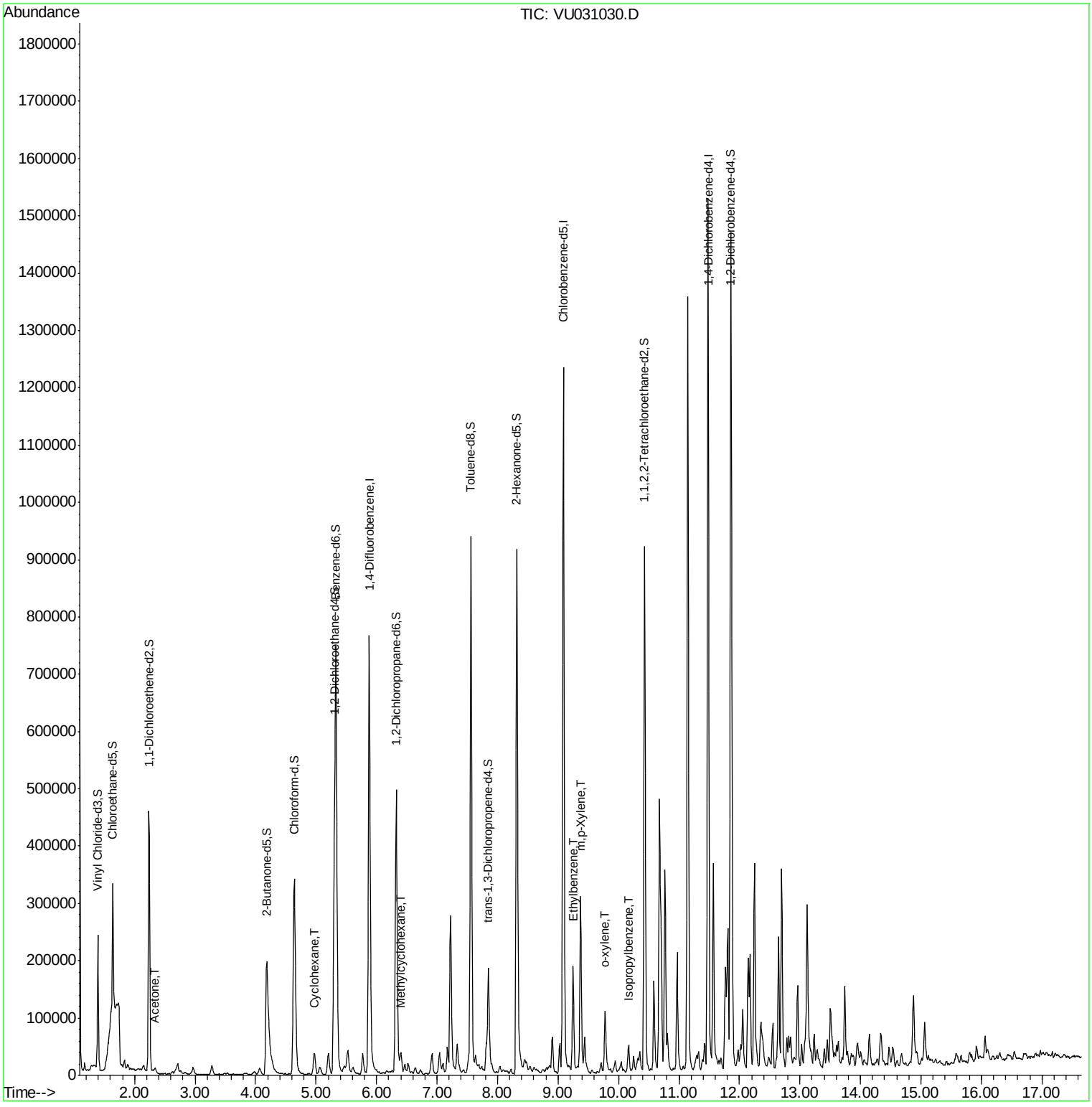
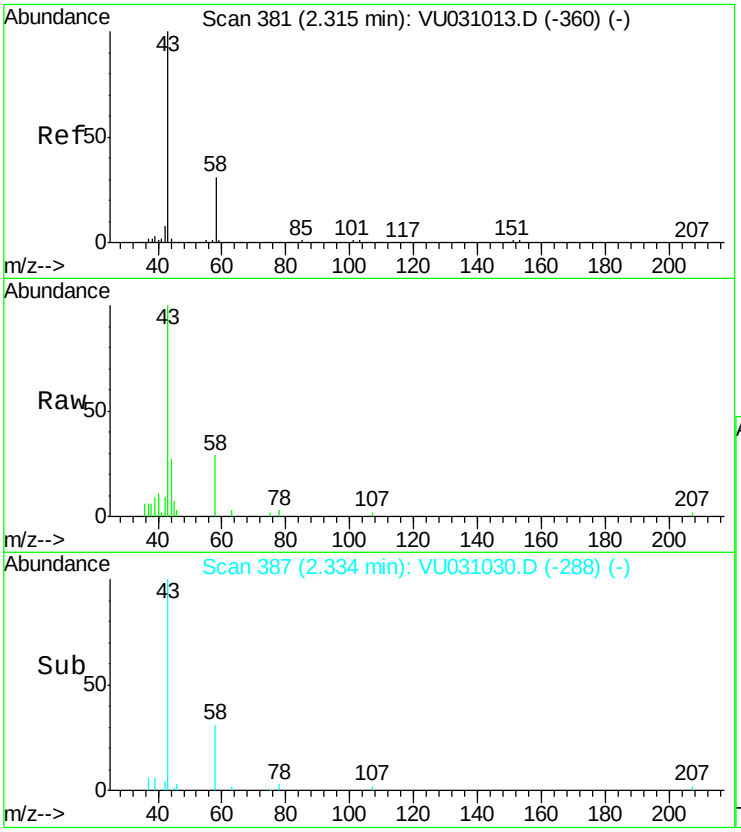


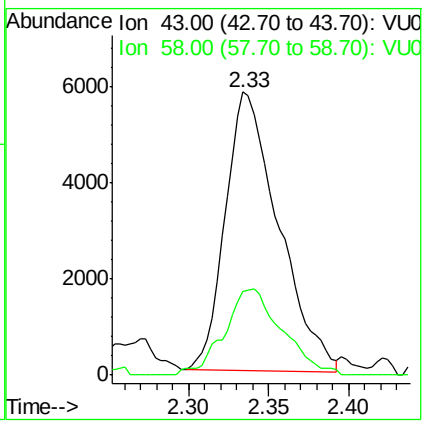


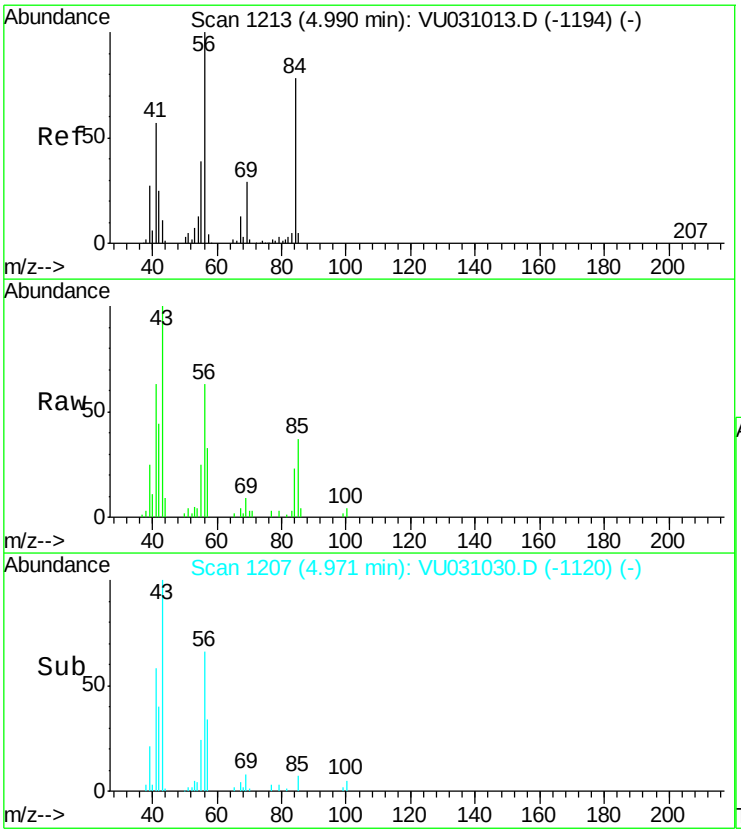
#13
Acetone
Concen: 2.718 ug/L
RT: 2.33 min Scan# 387
Delta R.T. 0.02 min
Lab File: VU031030.D
Acq: 10 Apr 2019 22:37

Instrument : MSVOA_U
ClientSampleId : BFC29ME

Tgt Ion: 43 Resp: 13210

Ion	Ratio	Lower	Upper
43	100		
58	32.8	0.0	64.0

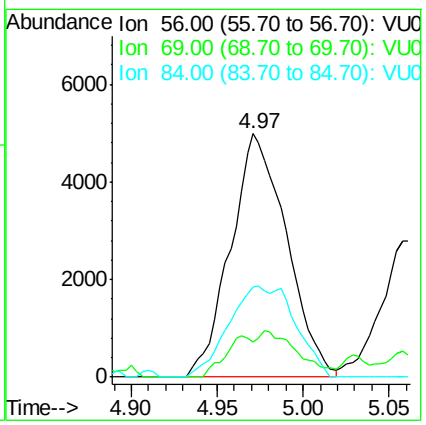


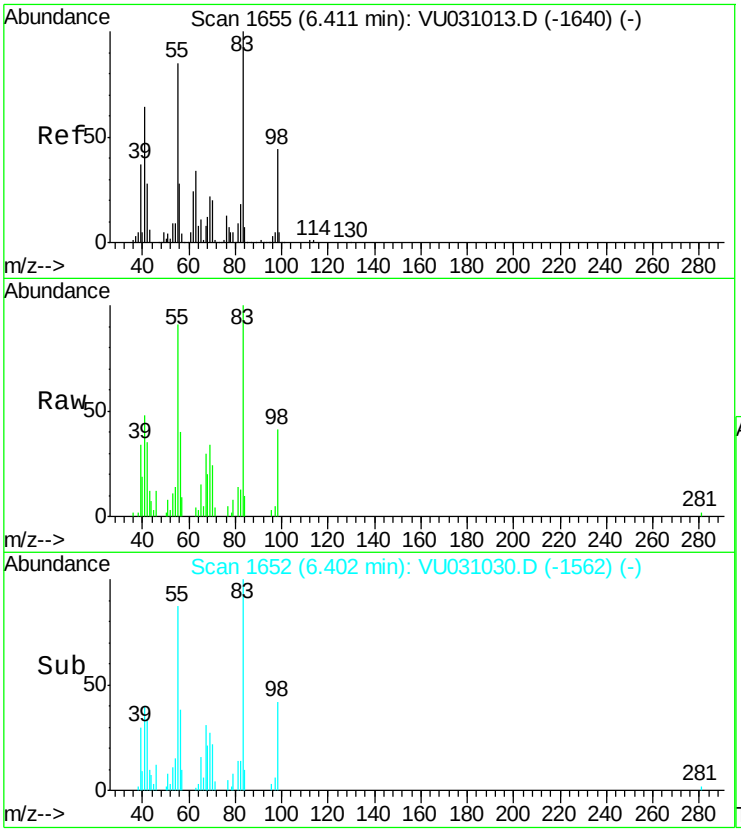


#29
Cyclohexane
Concen: 1.108 ug/L
RT: 4.97 min Scan# 1207
Delta R.T. -0.02 min
Lab File: VU031030.D
Acq: 10 Apr 2019 22:37

Tgt Ion: 56 Resp: 11266

Ion	Ratio	Lower	Upper
56	100		
69	2.1	22.0	33.0#
84	27.7	58.2	87.2#



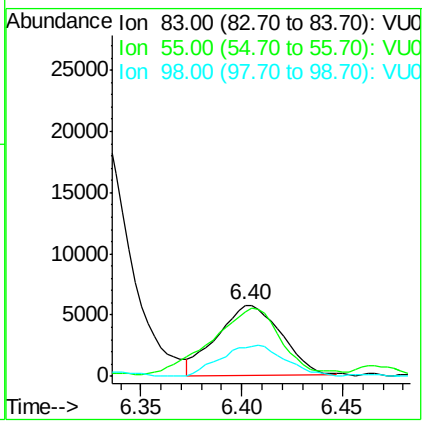


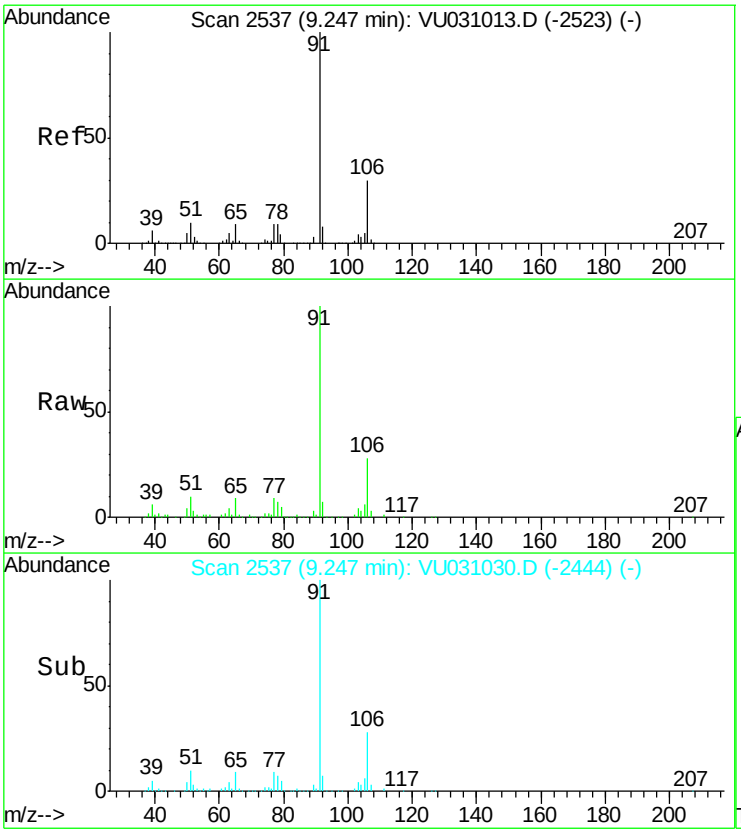
#35
Methylcyclohexane
Concen: 1.437 ug/L
RT: 6.40 min Scan# 1652
Delta R.T. -0.01 min
Lab File: VU031030.D
Acq: 10 Apr 2019 22:37

Instrument : MSVOA_U
ClientSampleId : BFC29ME

Tgt Ion: 83 Resp: 12696

Ion	Ratio	Lower	Upper
83	100		
55	105.3	71.6	107.4
98	19.4	35.4	53.0#

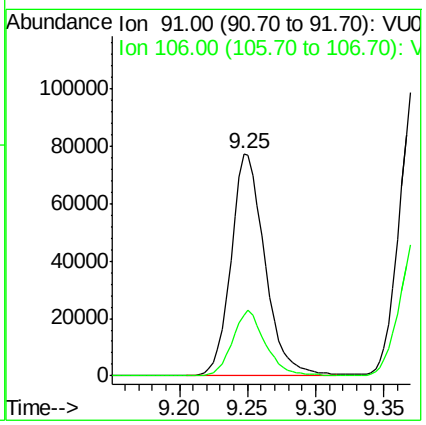


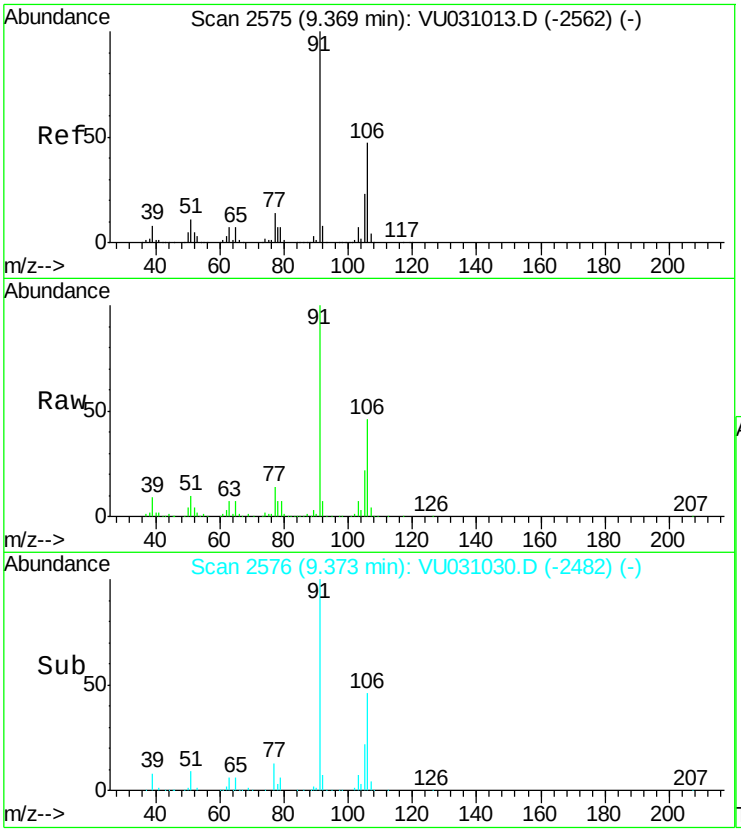


#52
Ethylbenzene
Concen: 5.129 ug/L
RT: 9.25 min Scan# 2537
Delta R.T. -0.00 min
Lab File: VU031030.D
Acq: 10 Apr 2019 22:37

Tgt Ion: 91 Resp: 133210

Ion	Ratio	Lower	Upper
91	100		
106	27.6	20.4	37.8



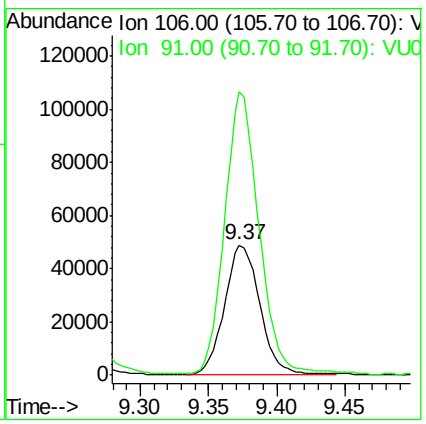


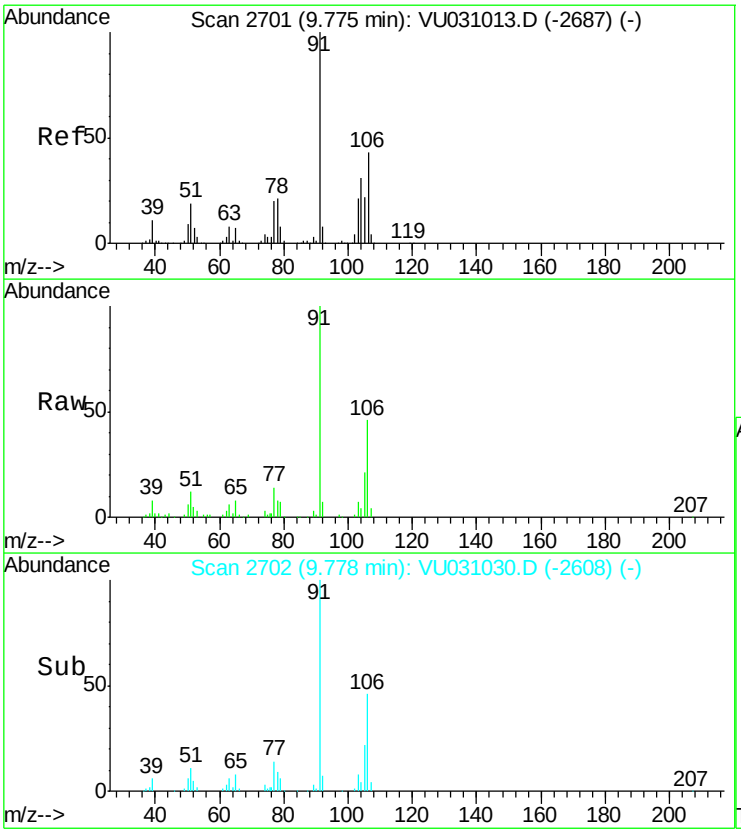
#53
m,p-Xylene
Concen: 9.792 ug/L
RT: 9.37 min Scan# 2576
Delta R.T. 0.00 min
Lab File: VU031030.D
Acq: 10 Apr 2019 22:37

Instrument :
MSVOA_U
ClientSampleId :
BFC29ME

Tgt Ion:106 Resp: 88696

Ion	Ratio	Lower	Upper
106	100		
91	218.1	148.0	274.8

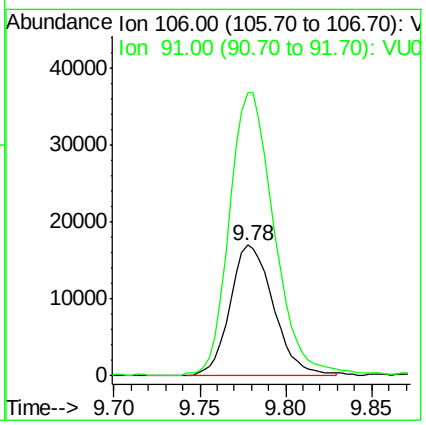


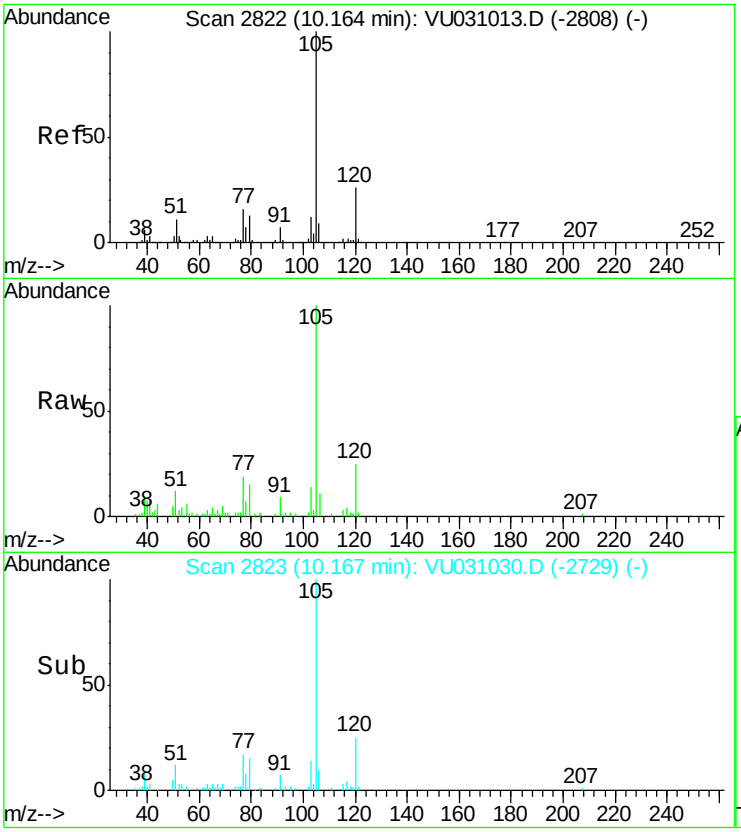


#54
o-xylene
Concen: 3.349 ug/L
RT: 9.78 min Scan# 2702
Delta R.T. 0.00 min
Lab File: VU031030.D
Acq: 10 Apr 2019 22:37

Tgt Ion:106 Resp: 30178

Ion	Ratio	Lower	Upper
106	100		
91	215.9	156.7	290.9





#56
Isopropylbenzene
Concen: 1.102 ug/L
RT: 10.17 min Scan# 2823
Delta R.T. 0.00 min
Lab File: VU031030.D
Acq: 10 Apr 2019 22:37

Instrument :
MSVOA_U
ClientSampleId :
BFC29ME

Tgt Ion:105 Resp: 26141

Ion	Ratio	Lower	Upper
105	100		
120	26.2	20.4	30.6
77	22.8	13.4	20.2#