Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032619\
Data File : VU030469.D
Acq On : 27 Mar 2019 01:23
Operator : JC/SP
Sample : K2063-16 100X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB6S4

Quant Time: Mar 27 08:31:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 27 06:00:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	465018	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	443521	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	195137	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	184128	49.20	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 98.40%			
7) Chloroethane-d5	1.67	69	147254	49.64	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 99.28%			
11) 1,1-Dichloroethene-d2	2.27	63	251404	35.41	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 70.82%			
21) 2-Butanone-d5	4.17	46	353765	100.56	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 100.56%			
24) Chloroform-d	4.64	84	308131	47.79	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.58%			
26) 1,2-Dichloroethane-d4	5.31	65	209389	49.63	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.26%			
32) Benzene-d6	5.34	84	626375	49.25	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.50%			
36) 1,2-Dichloropropane-d6	6.32	67	222267	51.08	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 102.16%			
41) Toluene-d8	7.56	98	548889	48.05	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.10%			
43) trans-1,3-Dichloropropene-	7.85	79	93934	45.91	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 91.82%			
47) 2-Hexanone-d5	8.31	63	232815	98.73	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 98.73%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	306875	49.28	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 98.56%			
64) 1,2-Dichlorobenzene-d4	11.86	152	196522	50.26	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.52%			
Target Compounds						Qvalue
29) Cyclohexane	4.99	56	7760	1.156	ug/L #	61
33) Benzene	5.39	78	295470	19.570	ug/L	100
42) Toluene	7.63	91	3270181	208.703	ug/L	99
52) Ethylbenzene	9.25	91	642067	37.827	ug/L	99
53) m,p-Xylene	9.37	106	838343	136.787	ug/L	99
54) o-xylene	9.77	106	378932	63.365	ug/L	97
56) Isopropylbenzene	10.16	105	18033	1.139	ug/L	97

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

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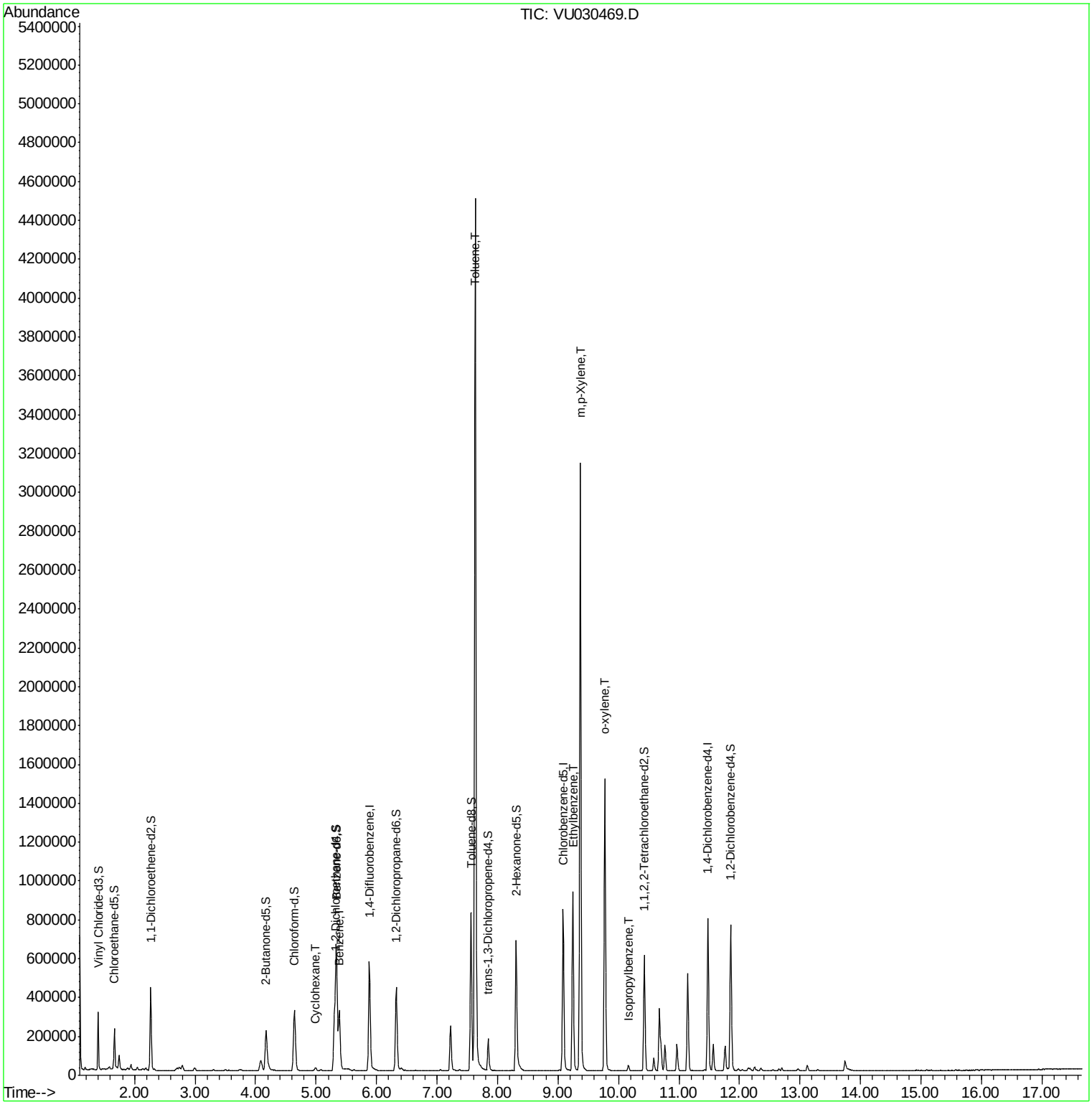
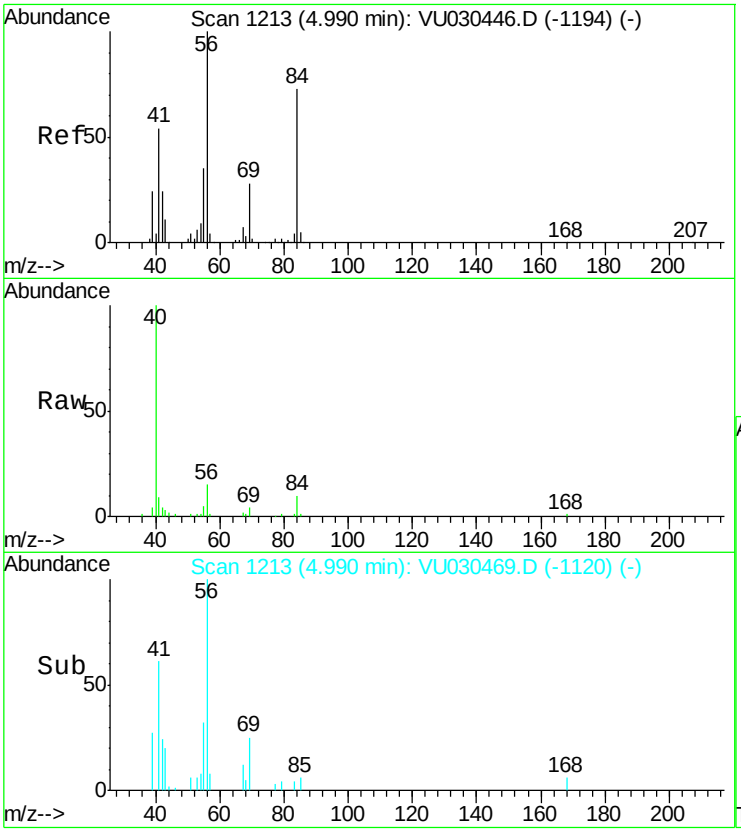


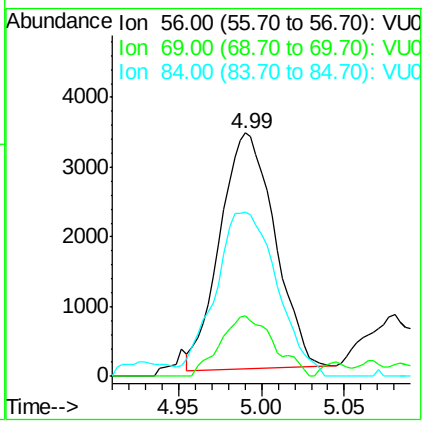


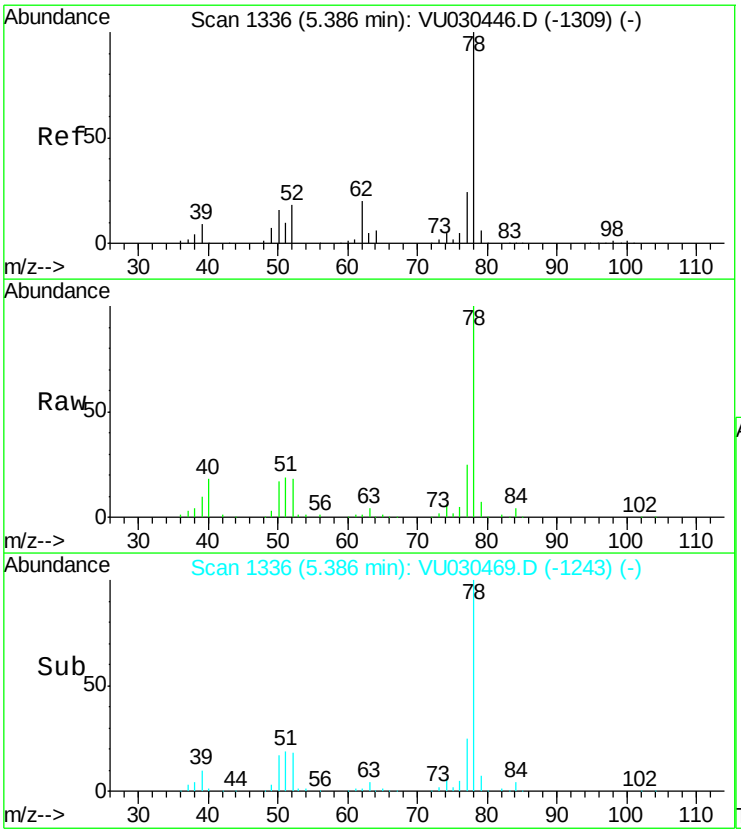
#29
Cyclohexane
Concen: 1.156 ug/L
RT: 4.99 min Scan# 1213
Delta R.T. -0.00 min
Lab File: VU030469.D
Acq: 27 Mar 2019 01:23

Instrument : MSVOA_U
ClientSampleId : DB6S4

Tgt Ion: 56 Resp: 7760

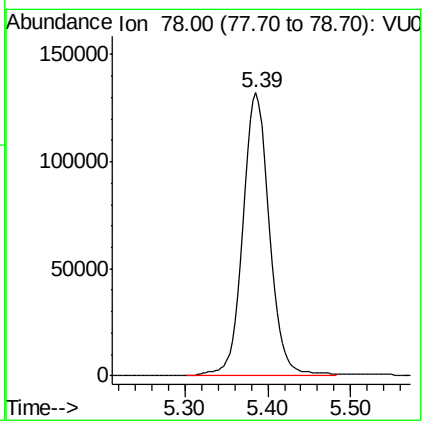
Ion	Ratio	Lower	Upper
56	100		
69	22.8	22.9	34.3#
84	31.3	58.9	88.3#

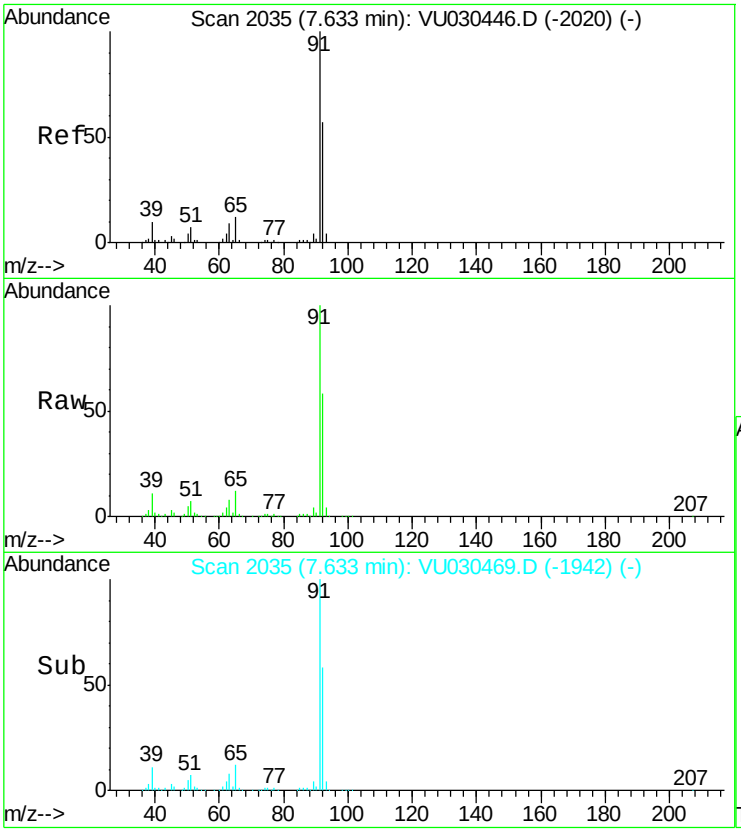




#33
Benzene
Concen: 19.570 ug/L
RT: 5.39 min Scan# 1336
Delta R.T. -0.00 min
Lab File: VU030469.D
Acq: 27 Mar 2019 01:23

Tgt Ion: 78 Resp: 295470



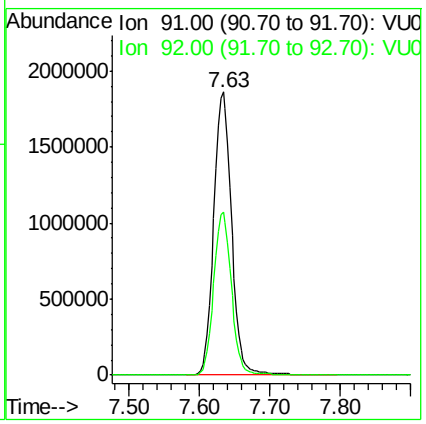


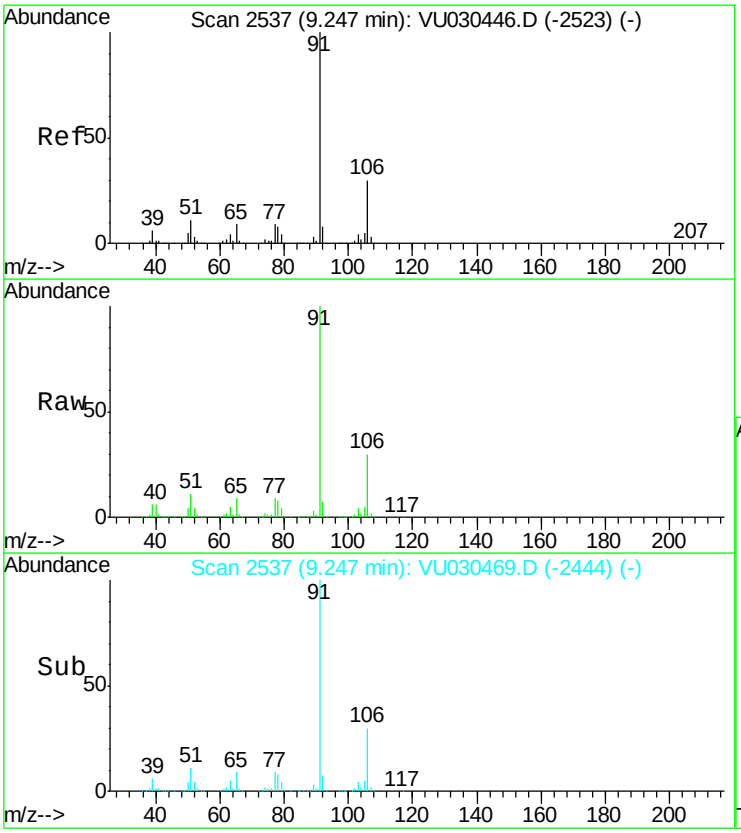
#42
Toluene
Concen: 208.703 ug/L
RT: 7.63 min Scan# 2035
Delta R.T. -0.00 min
Lab File: VU030469.D
Acq: 27 Mar 2019 01:23

Instrument : MSVOA_U
ClientSampleId : DB6S4

Tgt Ion: 91 Resp: 3270181

Ion	Ratio	Lower	Upper
91	100		
92	57.6	39.7	73.7

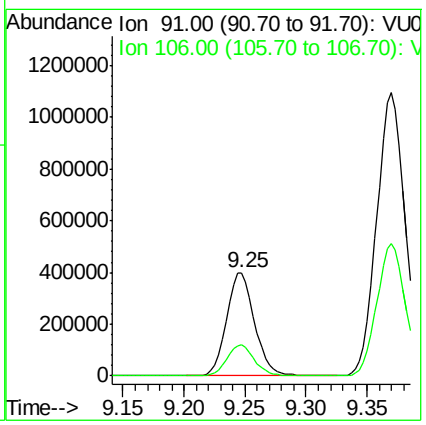


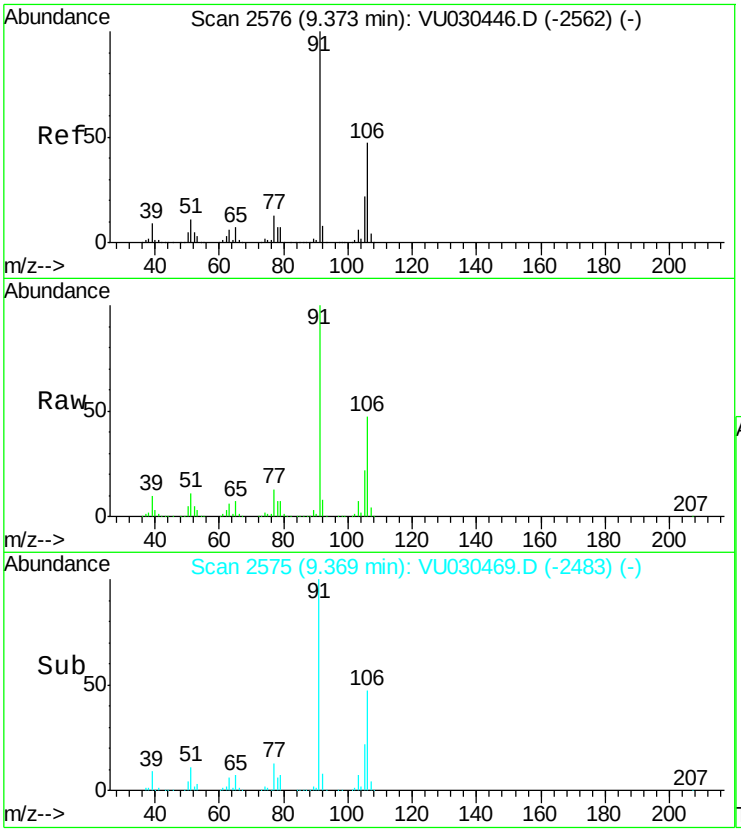


#52
Ethylbenzene
Concen: 37.827 ug/L
RT: 9.25 min Scan# 2537
Delta R.T. -0.00 min
Lab File: VU030469.D
Acq: 27 Mar 2019 01:23

Tgt Ion: 91 Resp: 642067

Ion	Ratio	Lower	Upper
91	100		
106	29.9	20.6	38.2



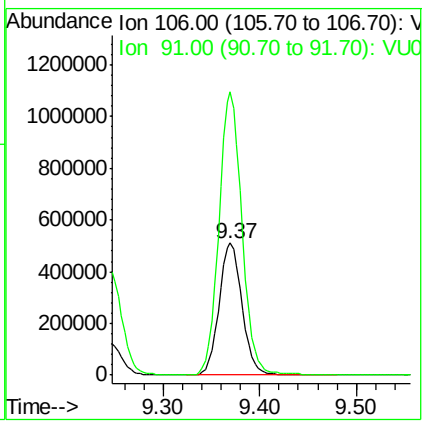


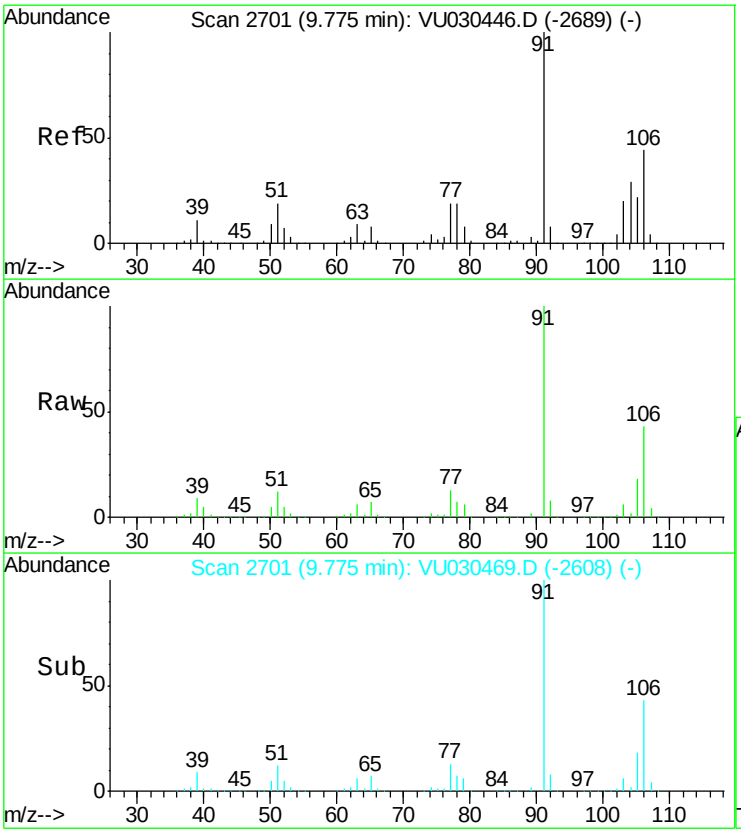
#53
m,p-Xylene
Concen: 136.787 ug/L
RT: 9.37 min Scan# 2575
Delta R.T. -0.00 min
Lab File: VU030469.D
Acq: 27 Mar 2019 01:23

Instrument :
MSVOA_U
ClientSampleId :
DB6S4

Tgt Ion:106 Resp: 838343

Ion	Ratio	Lower	Upper
106	100		
91	214.3	151.2	280.8

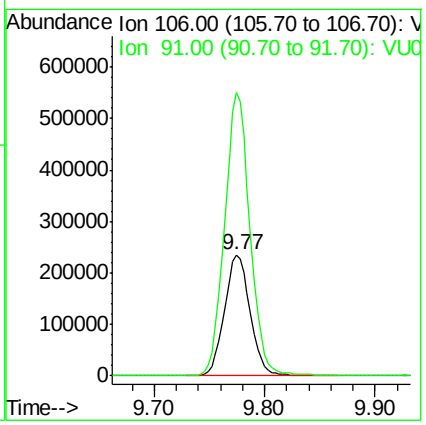


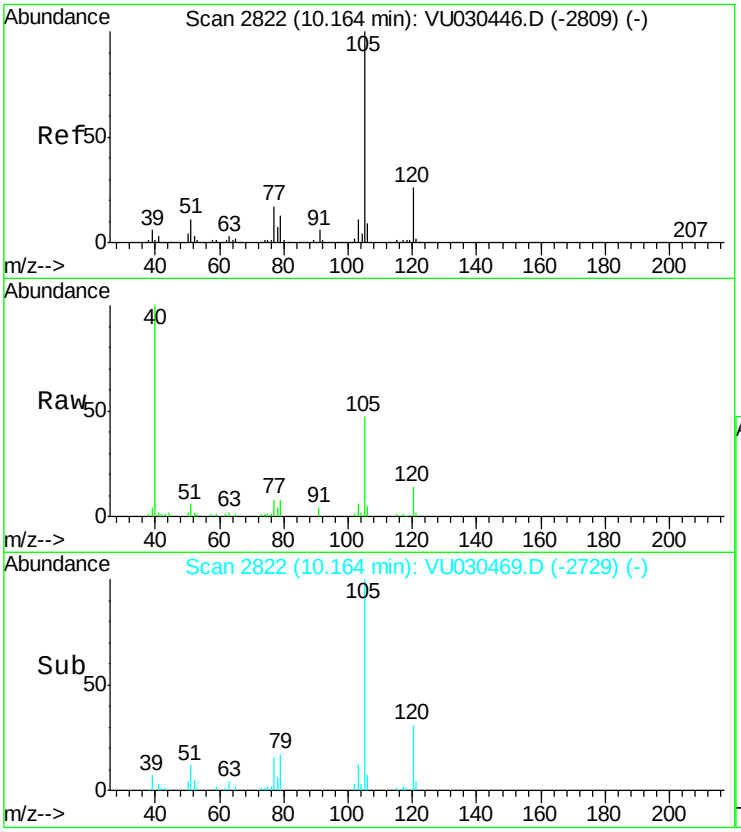


#54
o-xylene
Concen: 63.365 ug/L
RT: 9.77 min Scan# 2701
Delta R.T. -0.00 min
Lab File: VU030469.D
Acq: 27 Mar 2019 01:23

Tgt Ion:106 Resp: 378932

Ion	Ratio	Lower	Upper
106	100		
91	233.2	159.6	296.4





#56
Isopropylbenzene
Concen: 1.139 ug/L
RT: 10.16 min Scan# 2822
Delta R.T. -0.00 min
Lab File: VU030469.D
Acq: 27 Mar 2019 01:23

Instrument :
MSVOA_U
ClientSampleId :
DB6S4

Tgt Ion:105 Resp: 18033

Ion	Ratio	Lower	Upper
105	100		
120	27.4	20.2	30.2
77	17.3	13.2	19.8