Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032719\
Data File : VU030495.D
Acq On : 27 Mar 2019 19:54
Operator : JC/SP
Sample : K2063-08 100X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB6R8

Quant Time: Mar 28 04:05:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 28 02:45:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	418036	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	399613	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	176262	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	148229	44.06	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 88.12%			
7) Chloroethane-d5	1.68	69	121083	45.41	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 90.82%			
11) 1,1-Dichloroethene-d2	2.27	63	208831	32.72	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 65.44%			
21) 2-Butanone-d5	4.17	46	268016	84.75	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 84.75%			
24) Chloroform-d	4.64	84	252856	43.62	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.24%			
26) 1,2-Dichloroethane-d4	5.31	65	169485	44.68	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.36%			
32) Benzene-d6	5.34	84	513351	44.80	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.60%			
36) 1,2-Dichloropropane-d6	6.33	67	181742	46.35	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 92.70%			
41) Toluene-d8	7.56	98	455832	44.29	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 88.58%			
43) trans-1,3-Dichloropropene-	7.85	79	78145	42.39	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 84.78%			
47) 2-Hexanone-d5	8.31	63	172765	81.31	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 81.31%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	238515	42.51	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 85.02%			
64) 1,2-Dichlorobenzene-d4	11.86	152	160290	45.39	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 90.78%			
Target Compounds						Qvalue
29) Cyclohexane	4.99	56	26651	4.407	ug/L	99
33) Benzene	5.39	78	74176	5.453	ug/L	100
35) Methylcyclohexane	6.41	83	12650	2.299	ug/L	92
42) Toluene	7.63	91	1857592	131.578	ug/L	99
52) Ethylbenzene	9.25	91	455458	29.781	ug/L	99
53) m,p-Xylene	9.37	106	557950	101.040	ug/L	100
54) o-xylene	9.77	106	263102	48.830	ug/L	100
56) Isopropylbenzene	10.16	105	14769	1.035	ug/L	97

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

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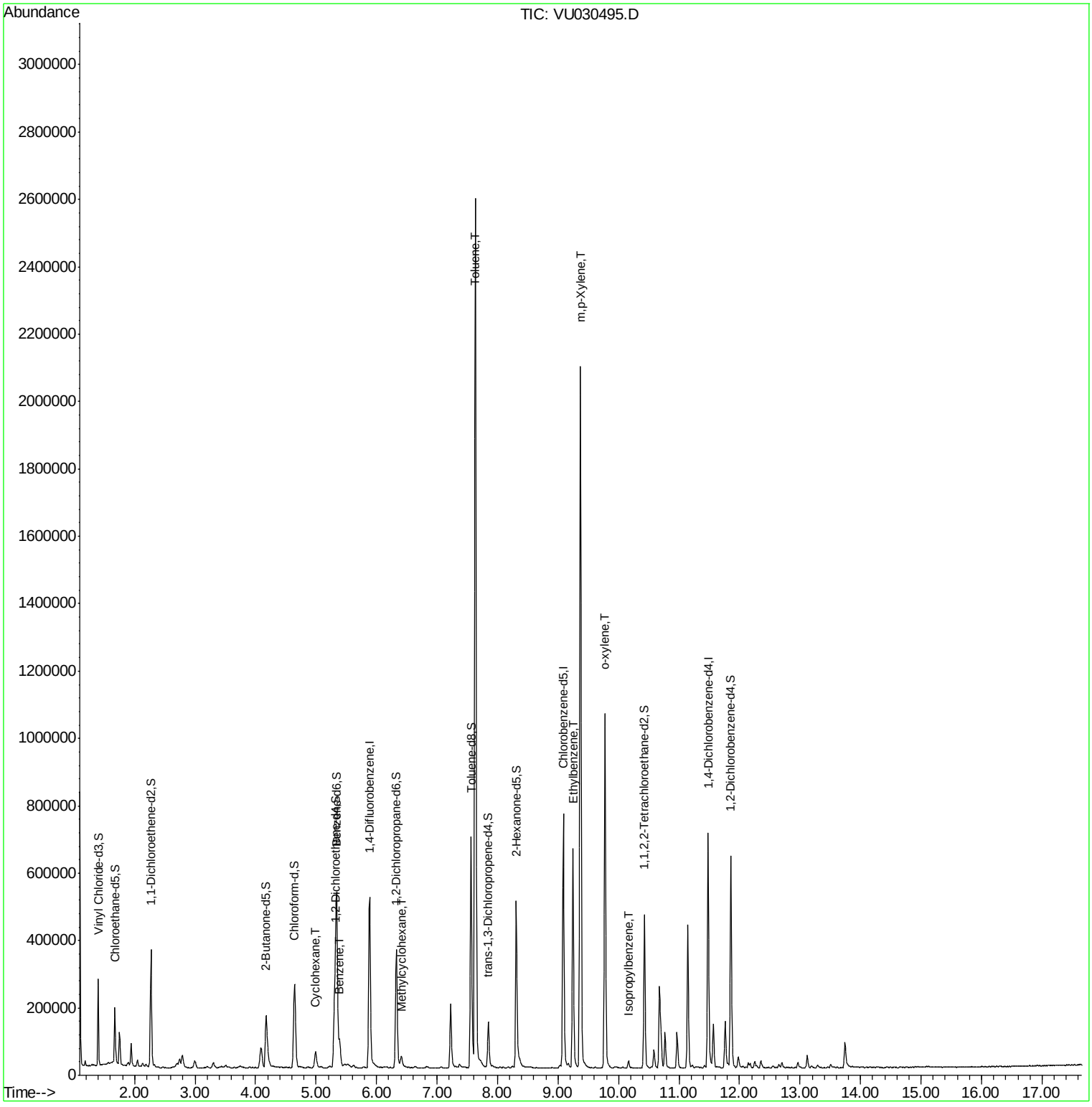
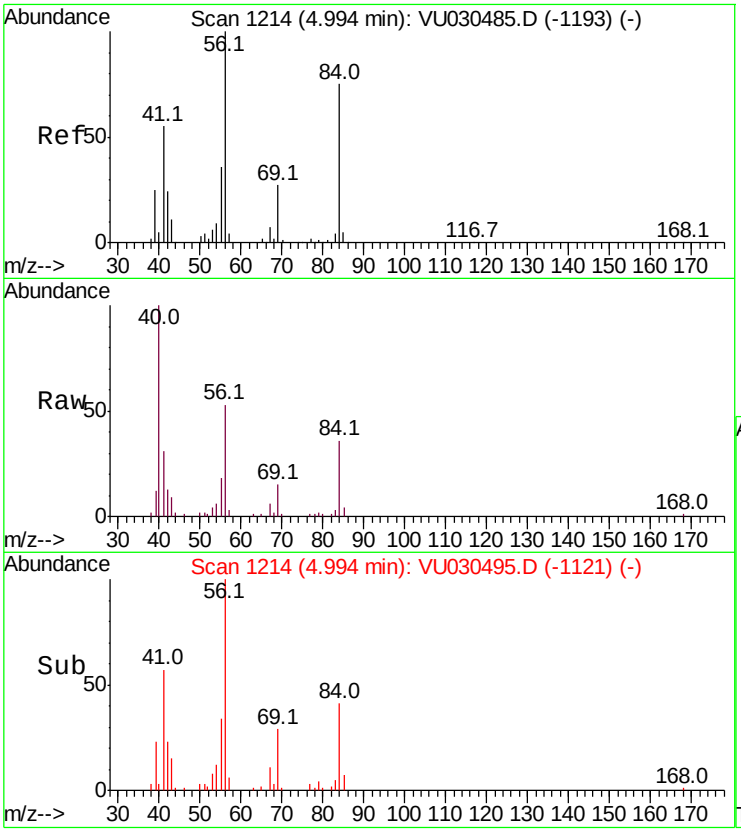


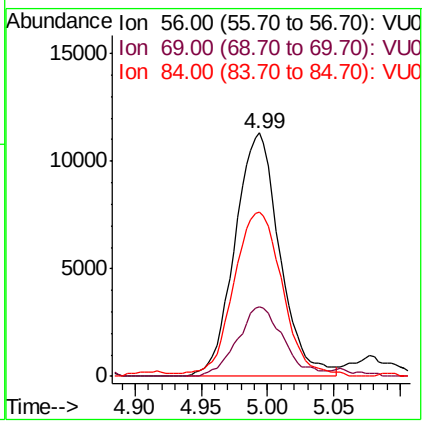


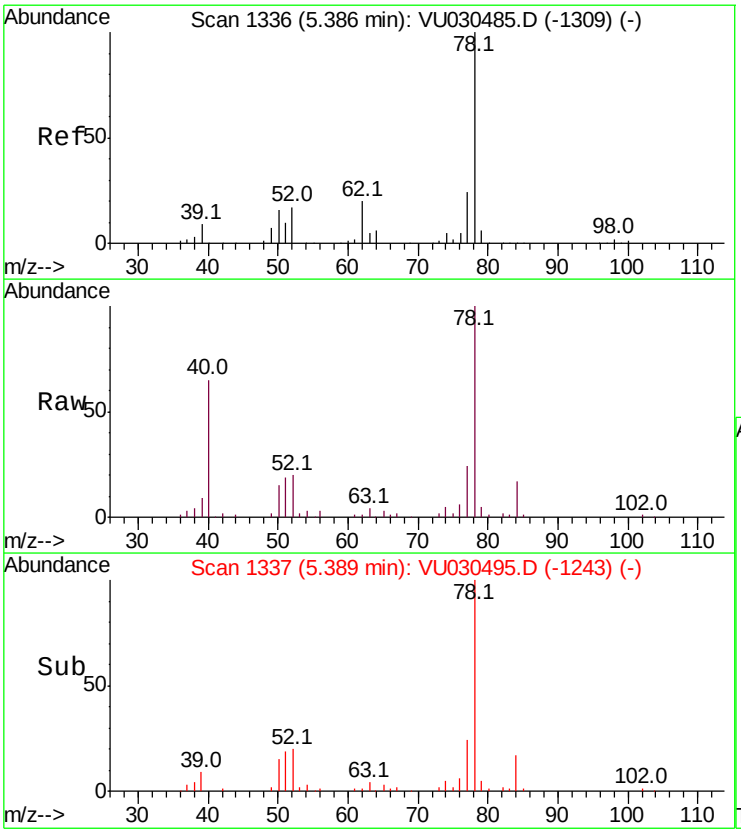
#29
Cyclohexane
Concen: 4.407 ug/L
RT: 4.99 min Scan# 1214
Delta R.T. 0.00 min
Lab File: VU030495.D
Acq: 27 Mar 2019 19:54

Instrument :
MSVOA_U
ClientSampleId :
DB6R8

Tgt Ion: 56 Resp: 26651

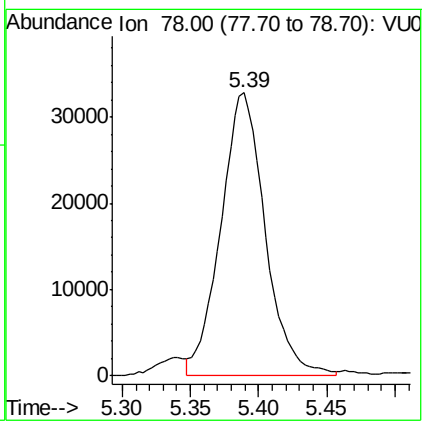
Ion	Ratio	Lower	Upper
56	100		
69	27.9	22.9	34.3
84	73.3	58.9	88.3

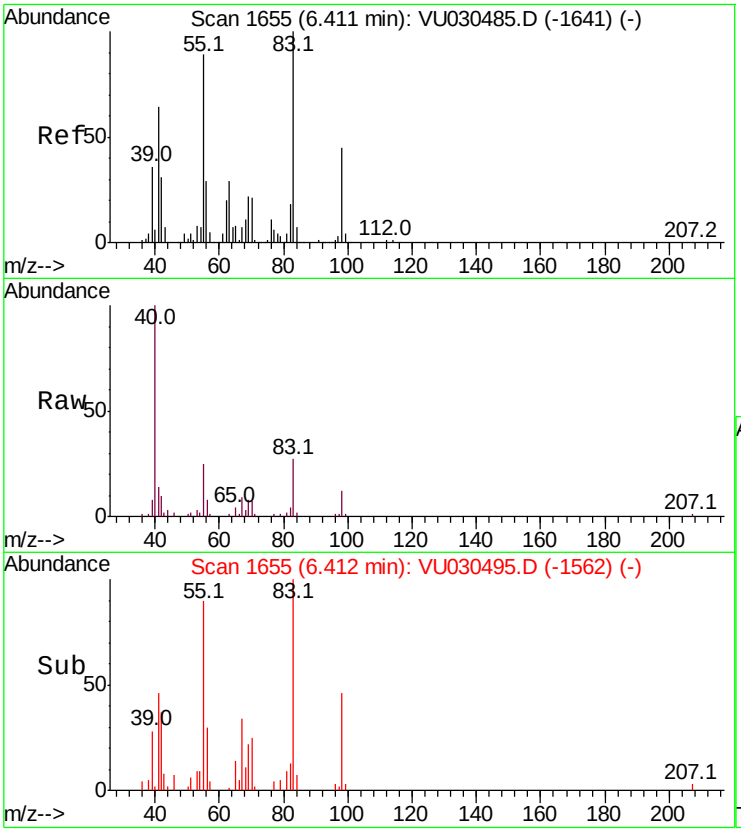




#33
Benzene
Concen: 5.453 ug/L
RT: 5.39 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VU030495.D
Acq: 27 Mar 2019 19:54

Tgt Ion: 78 Resp: 74176



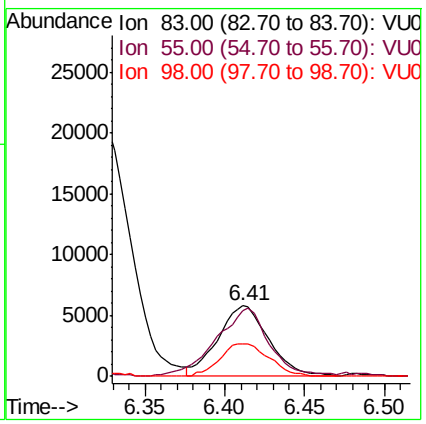


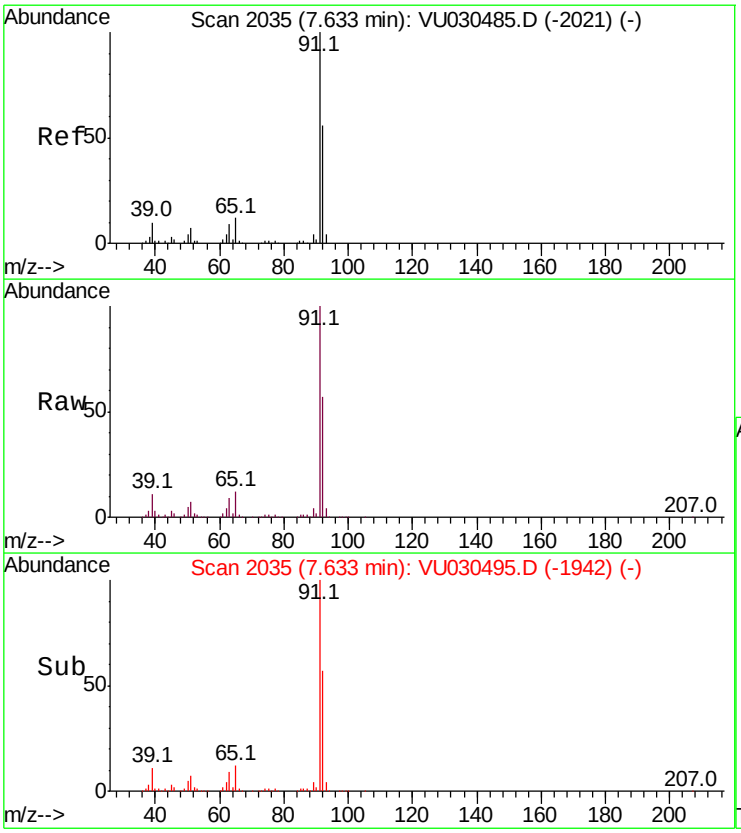
#35
Methylcyclohexane
Concen: 2.299 ug/L
RT: 6.41 min Scan# 1655
Delta R.T. 0.00 min
Lab File: VU030495.D
Acq: 27 Mar 2019 19:54

Instrument : MSVOA_U
ClientSampleId : DB6R8

Tgt Ion: 83 Resp: 12650

Ion	Ratio	Lower	Upper
83	100		
55	99.9	71.4	107.0
98	44.0	36.0	54.0

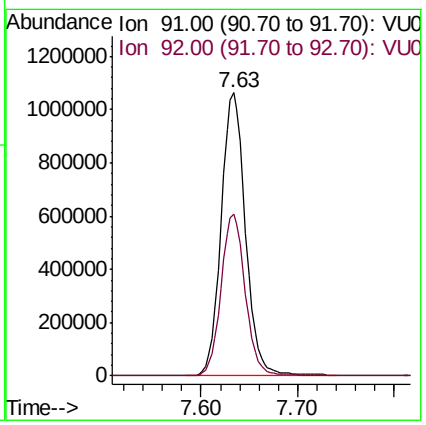


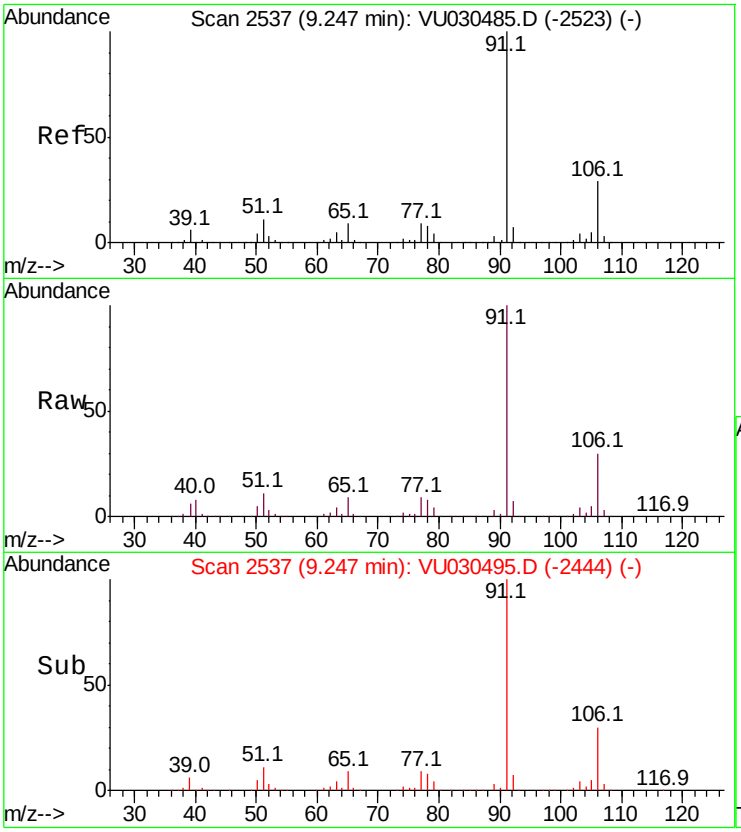


#42
Toluene
Concen: 131.578 ug/L
RT: 7.63 min Scan# 2035
Delta R.T. 0.00 min
Lab File: VU030495.D
Acq: 27 Mar 2019 19:54

Tgt Ion: 91 Resp: 1857592

Ion	Ratio	Lower	Upper
91	100		
92	57.3	39.7	73.7



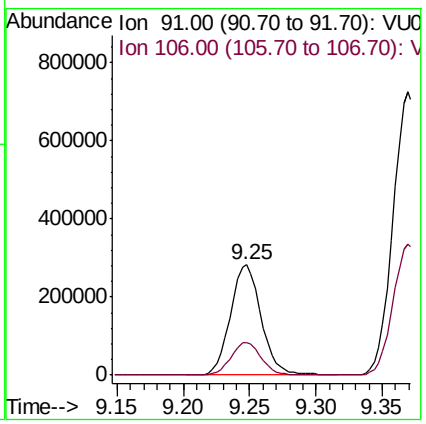


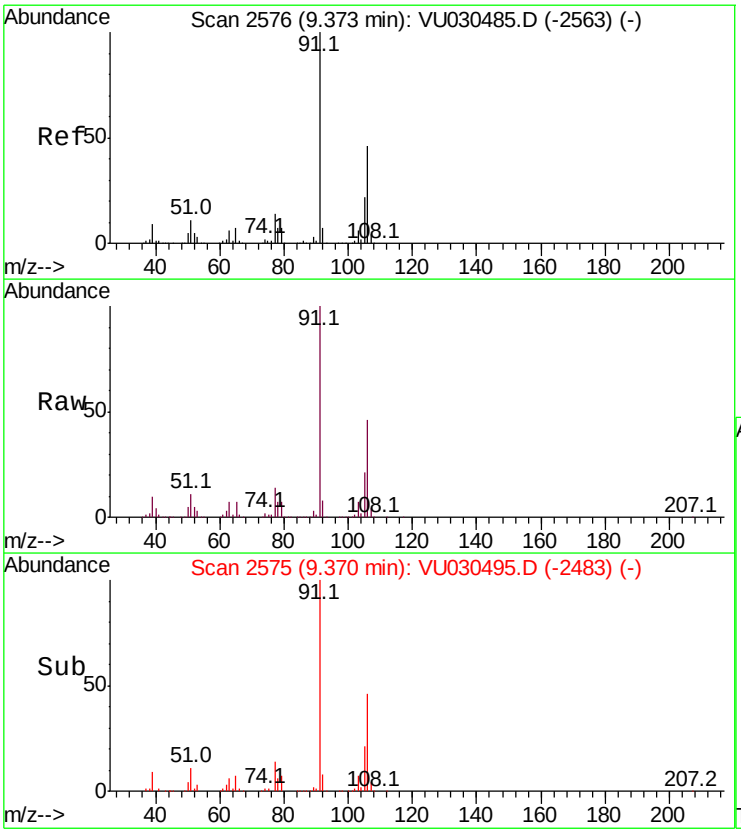
#52
Ethylbenzene
Concen: 29.781 ug/L
RT: 9.25 min Scan# 2537
Delta R.T. 0.00 min
Lab File: VU030495.D
Acq: 27 Mar 2019 19:54

Instrument : MSVOA_U
ClientSampleId : DB6R8

Tgt Ion: 91 Resp: 455458

Ion	Ratio	Lower	Upper
91	100		
106	29.9	20.6	38.2

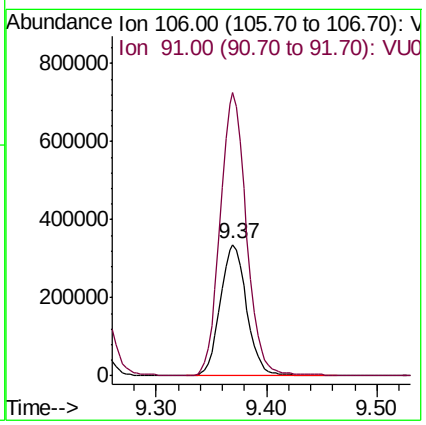


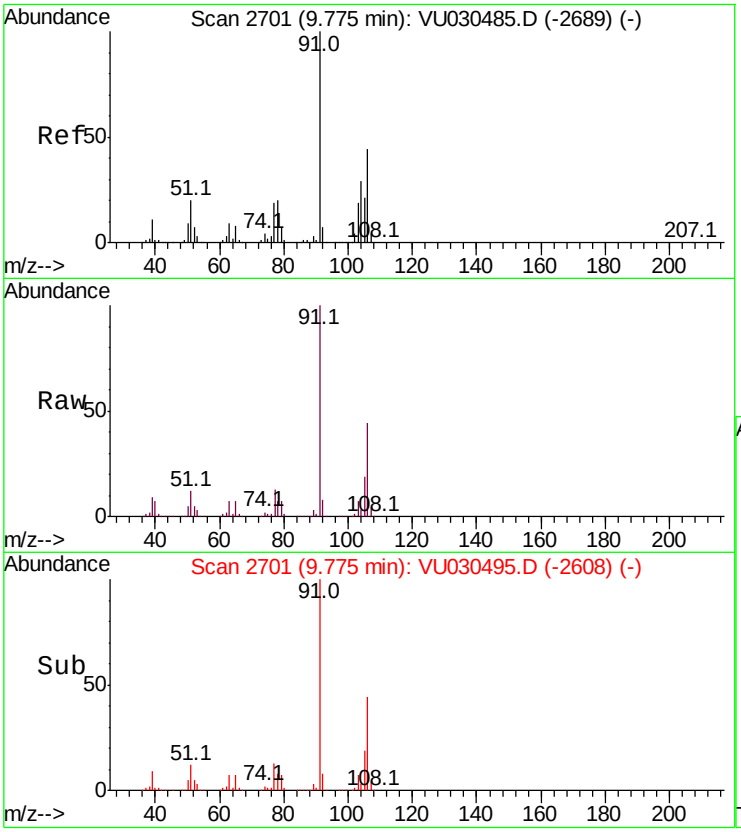


#53
m,p-Xylene
Concen: 101.040 ug/L
RT: 9.37 min Scan# 2575
Delta R.T. -0.00 min
Lab File: VU030495.D
Acq: 27 Mar 2019 19:54

Tgt Ion:106 Resp: 557950

Ion	Ratio	Lower	Upper
106	100		
91	215.6	151.2	280.8



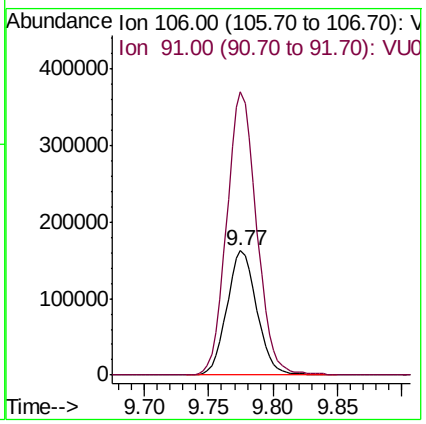


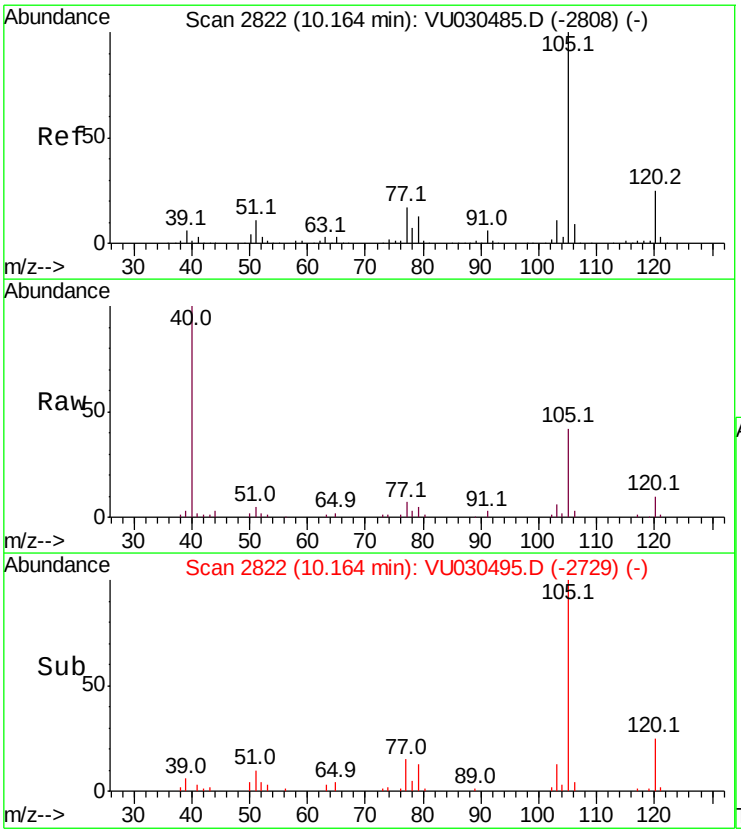
#54
o-xylene
Concen: 48.830 ug/L
RT: 9.77 min Scan# 2701
Delta R.T. 0.00 min
Lab File: VU030495.D
Acq: 27 Mar 2019 19:54

Instrument : MSVOA_U
ClientSampleId : DB6R8

Tgt Ion:106 Resp: 263102

Ion	Ratio	Lower	Upper
106	100		
91	227.5	159.6	296.4





#56
Isopropylbenzene
Concen: 1.035 ug/L
RT: 10.16 min Scan# 2822
Delta R.T. 0.00 min
Lab File: VU030495.D
Acq: 27 Mar 2019 19:54

Tgt Ion:105 Resp: 14769

Ion	Ratio	Lower	Upper
105	100		
120	23.9	20.2	30.2
77	17.8	13.2	19.8