Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032319\
Data File : VU030355.D
Acq On : 23 Mar 2019 21:07
Operator : JC/SP
Sample : K2063-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB6R7

Manual Integrations APPROVED
MMDadoda
3/24/2019 12:36:42 PM

Quant Time: Mar 24 12:36:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Sun Mar 24 02:05:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	513826	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	505797	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	262203	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	157060	37.98	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 75.96%			
7) Chloroethane-d5	1.68	69	132278	40.36	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 80.72%			
11) 1,1-Dichloroethene-d2	2.27	63	232384	29.62	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 59.24%#			
21) 2-Butanone-d5	4.17	46	357417	91.95	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 91.95%			
24) Chloroform-d	4.65	84	291593	40.93	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 81.86%			
26) 1,2-Dichloroethane-d4	5.31	65	196538	42.16	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 84.32%			
32) Benzene-d6	5.35	84	627045	43.23	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.46%			
36) 1,2-Dichloropropane-d6	6.33	67	215174	43.36	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 86.72%			
41) Toluene-d8	7.58	98	609112	46.76	ug/L	0.01
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.52%			
43) trans-1,3-Dichloropropene-	7.85	79	111302	47.70	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 95.40%			
47) 2-Hexanone-d5	8.31	63	295326	109.82	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 109.82%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	328076	46.20	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 92.40%			
64) 1,2-Dichlorobenzene-d4	11.86	152	233050	44.36	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 88.72%			
Target Compounds						Qvalue
13) Acetone	2.32	43	212958	54.171	ug/L	91
22) 2-Butanone	4.26	43	238371	50.165	ug/L	97
29) Cyclohexane	5.00	56	2329297	304.313	ug/L	97
33) Benzene	5.38	78	36801310m	2137.393	ug/L	
35) Methylcyclohexane	6.41	83	1529595	219.606	ug/L	95
42) Toluene	7.63	91	52337816m	2928.942	ug/L	
48) 2-Hexanone	8.36	43	335533	49.881	ug/L #	93
50) 1,2-Dibromoethane	8.58	107	1513539	341.592	ug/L	100
52) Ethylbenzene	9.24	91	25002900m	1291.656	ug/L	
53) m,p-Xylene	9.38	106	31177426m	4460.682	ug/L	
54) o-xylene	9.78	106	22306291m	3270.811	ug/L	
56) Isopropylbenzene	10.17	105	2368320	131.152	ug/L	99

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

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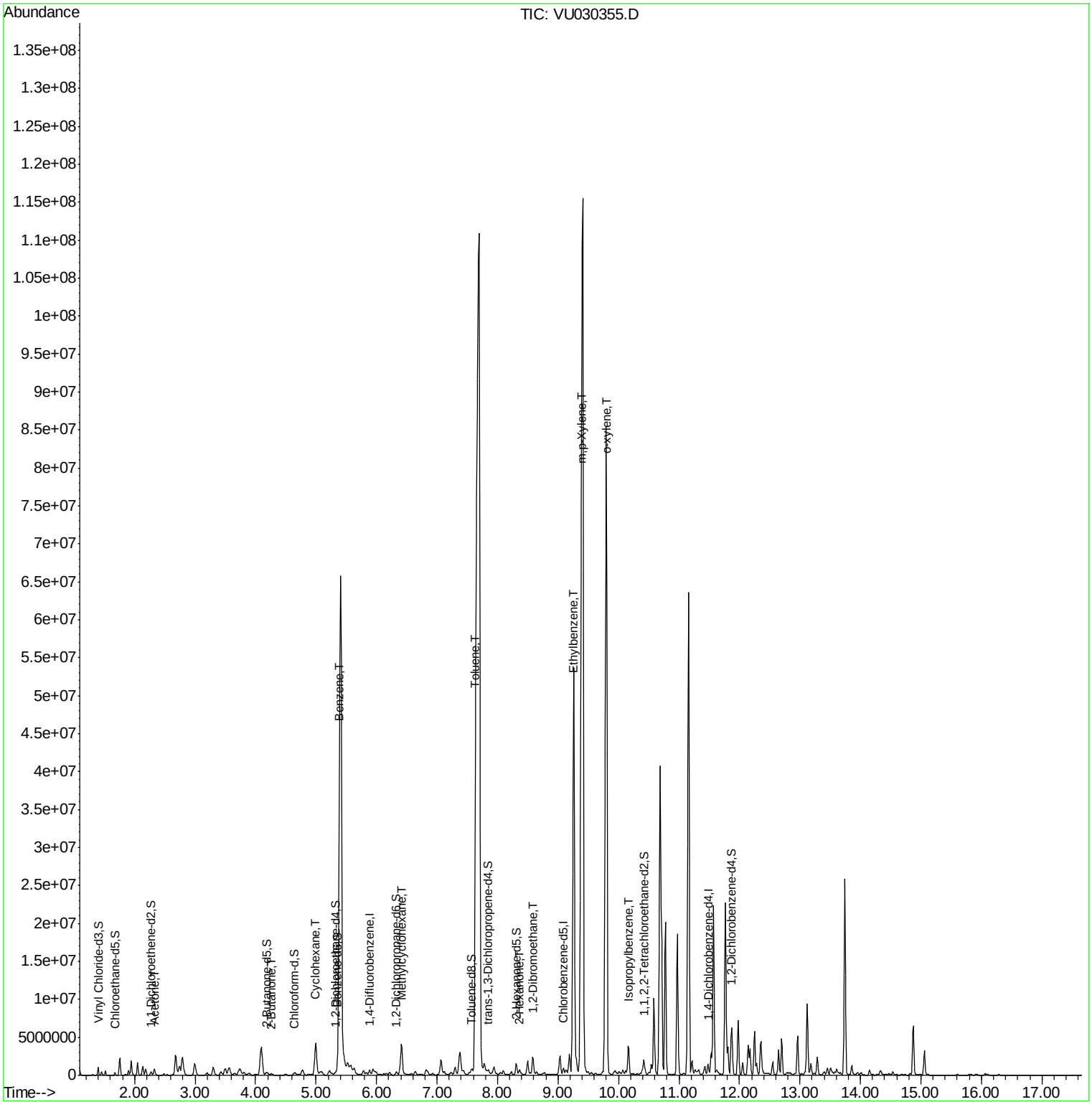
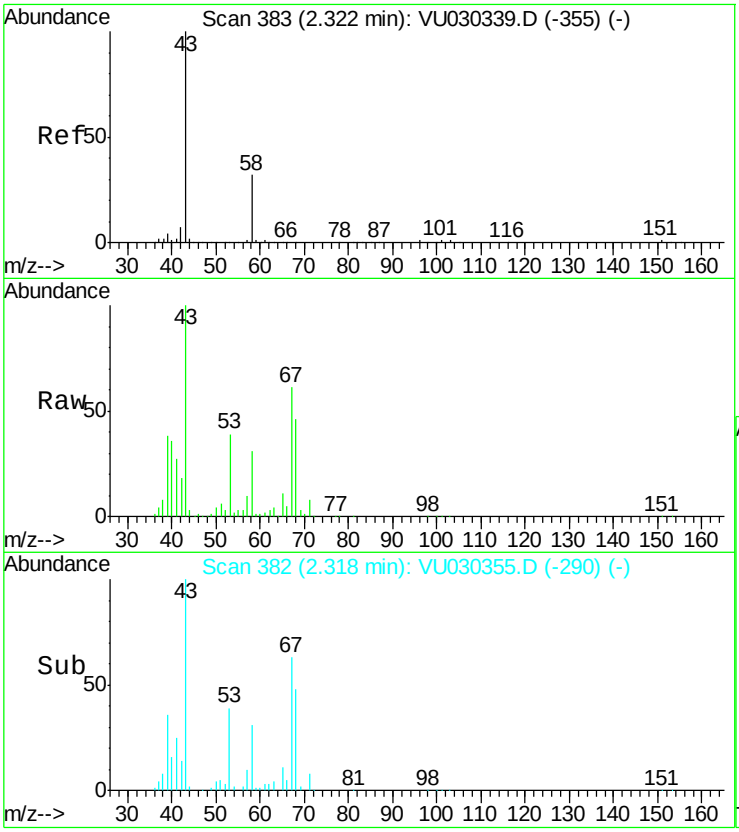
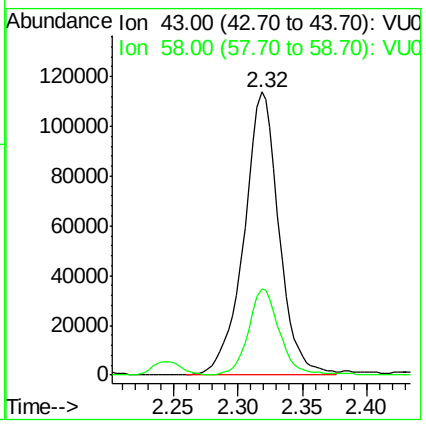




#13
Acetone
Concen: 54.171 ug/L
RT: 2.32 min Scan# 382
Delta R.T. -0.00 min
Lab File: VU030355.D
Acq: 23 Mar 2019 21:07

Tgt Ion: 43 Resp: 212958

Ion	Ratio	Lower	Upper
43	100		
58	26.5	0.0	62.8



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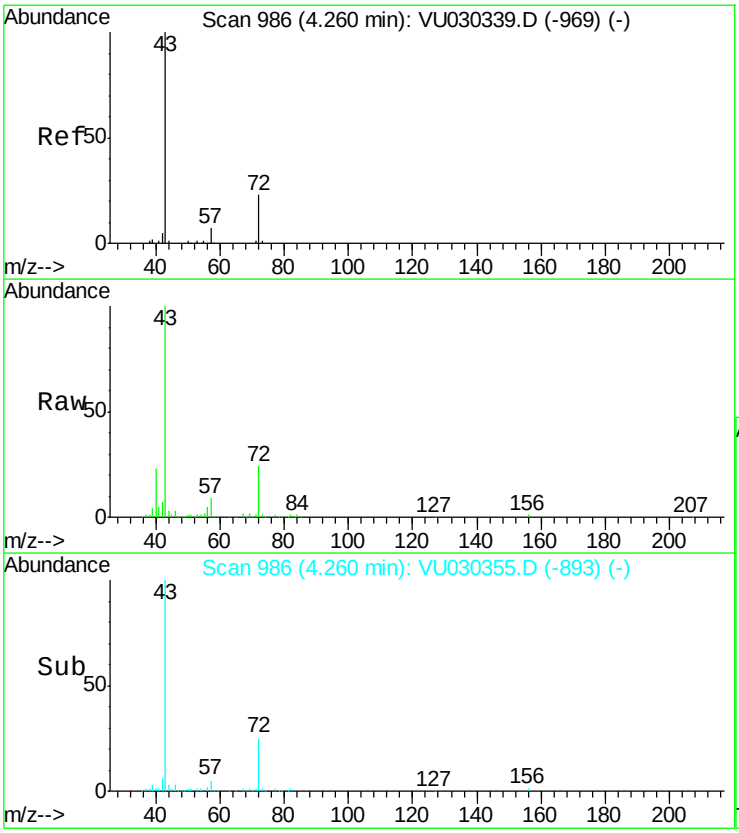
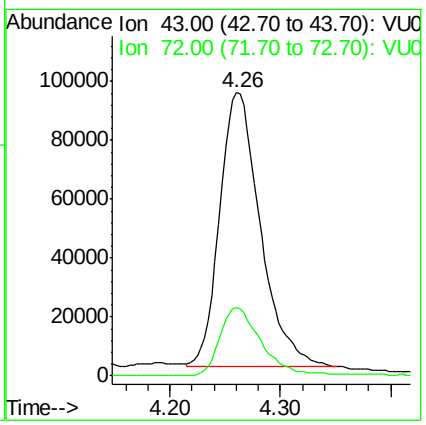
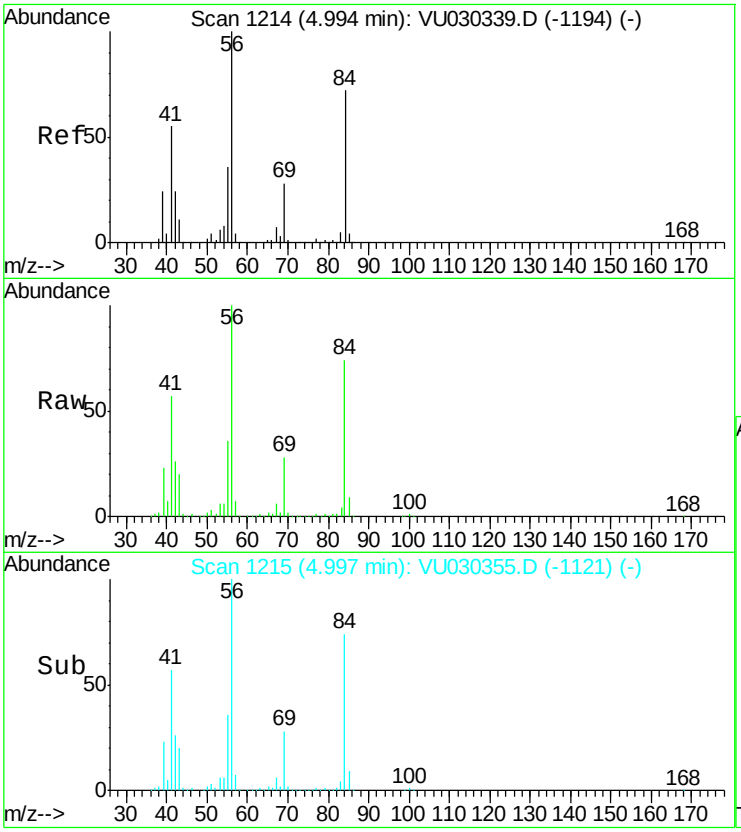


#22
2-Butanone
Concen: 50.165 ug/L
RT: 4.26 min Scan# 986
Delta R.T. -0.00 min
Lab File: VU030355.D
Acq: 23 Mar 2019 21:07

Tgt Ion: 43 Resp: 238371

Ion	Ratio	Lower	Upper
43	100		
72	25.7	12.0	36.1

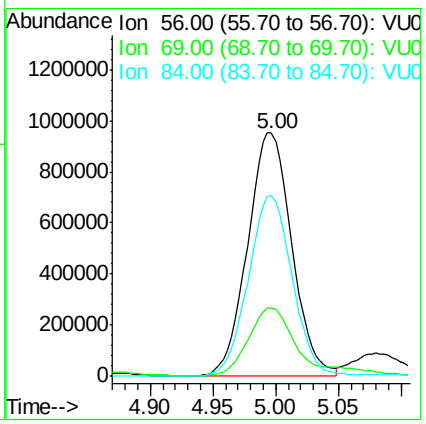




#29
Cyclohexane
Concen: 304.313 ug/L
RT: 5.00 min Scan# 1215
Delta R.T. 0.00 min
Lab File: VU030355.D
Acq: 23 Mar 2019 21:07

Tgt Ion: 56 Resp: 2329297

Ion	Ratio	Lower	Upper
56	100		
69	32.6	22.9	34.3
84	74.3	58.9	88.3



Instrument :
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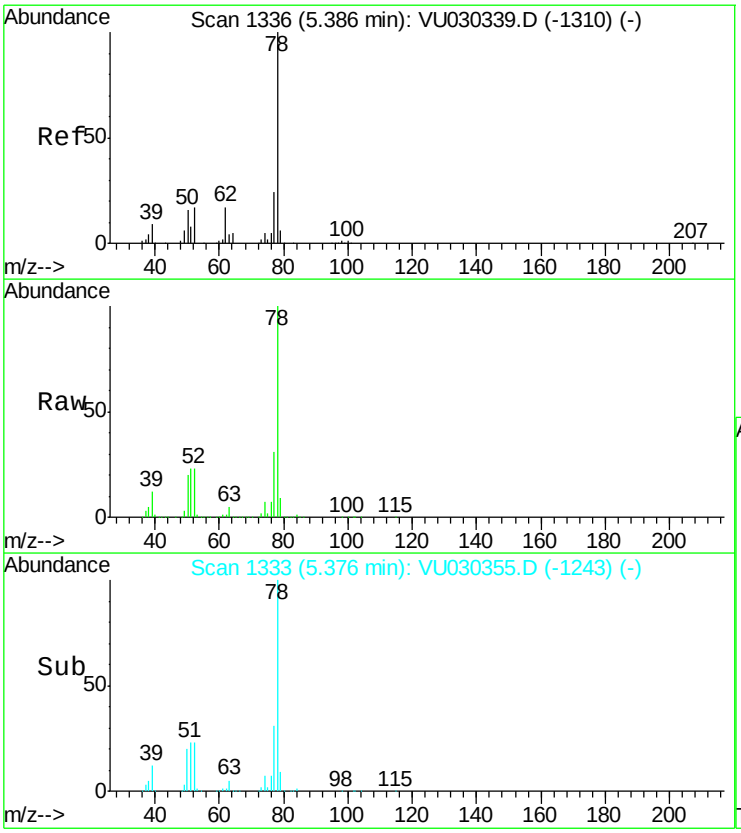
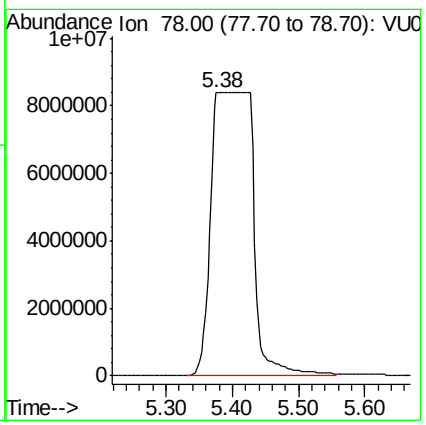
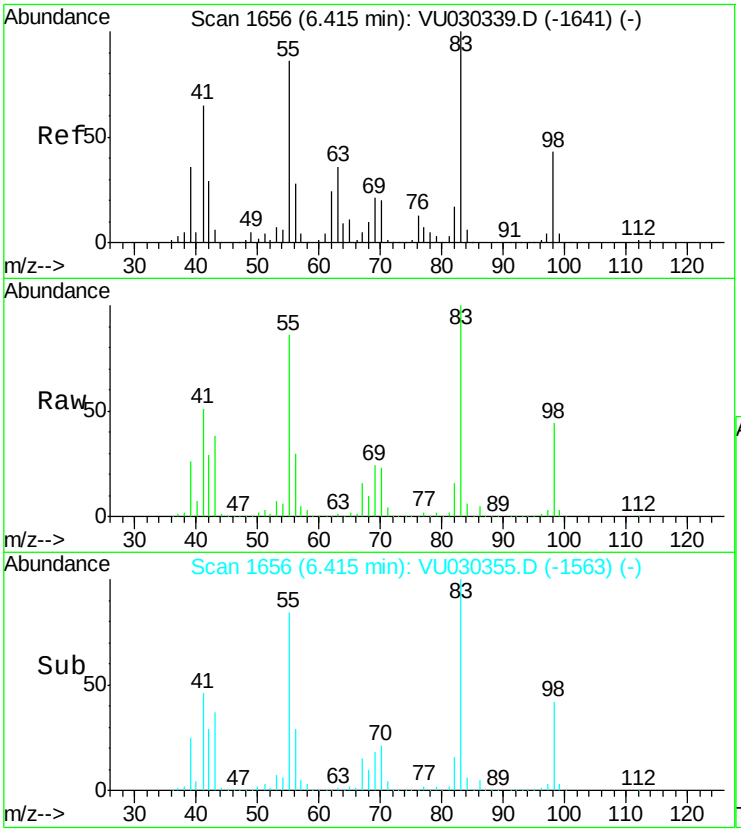


#33
Benzene
Concen: 2137.393 ug/L m
RT: 5.38 min Scan# 1333
Delta R.T. -0.01 min
Lab File: VU030355.D
Acq: 23 Mar 2019 21:07

Tgt Ion: 78 Resp:36801310

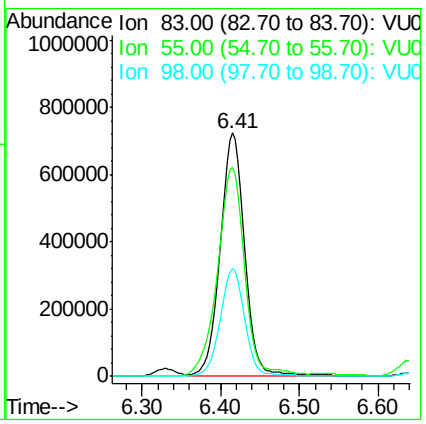




#35
Methylcyclohexane
Concen: 219.606 ug/L
RT: 6.41 min Scan# 1656
Delta R.T. -0.00 min
Lab File: VU030355.D
Acq: 23 Mar 2019 21:07

Tgt Ion: 83 Resp: 1529595

Ion	Ratio	Lower	Upper
83	100		
55	96.2	71.4	107.0
98	45.1	36.0	54.0



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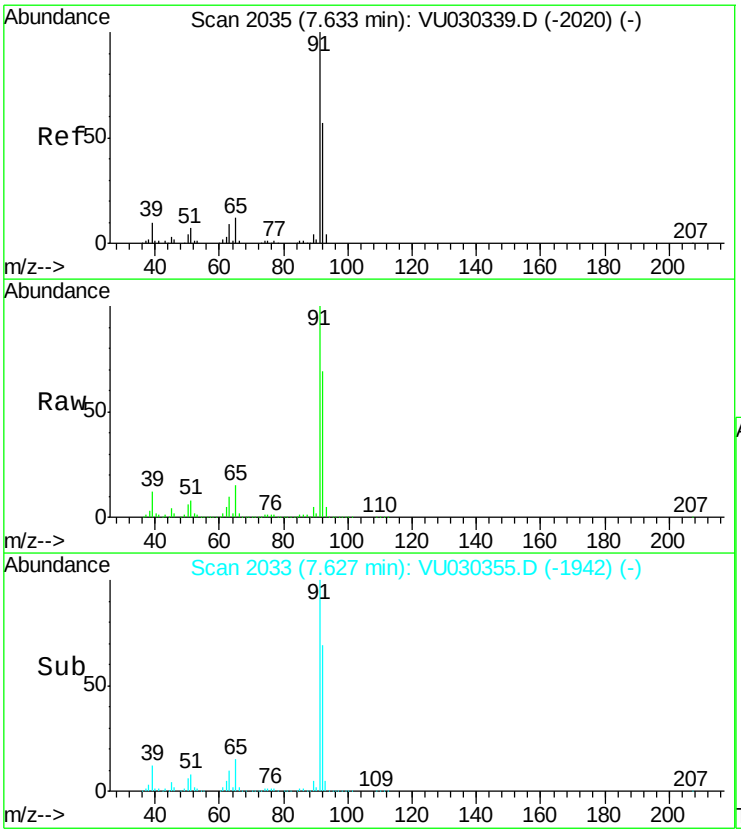
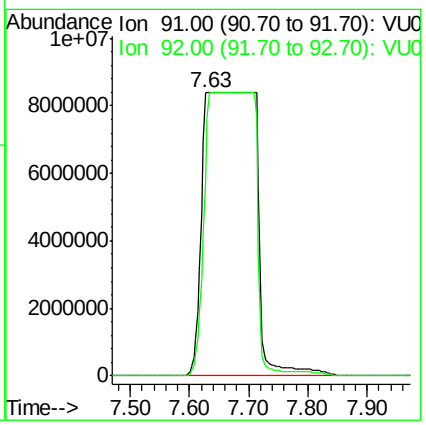
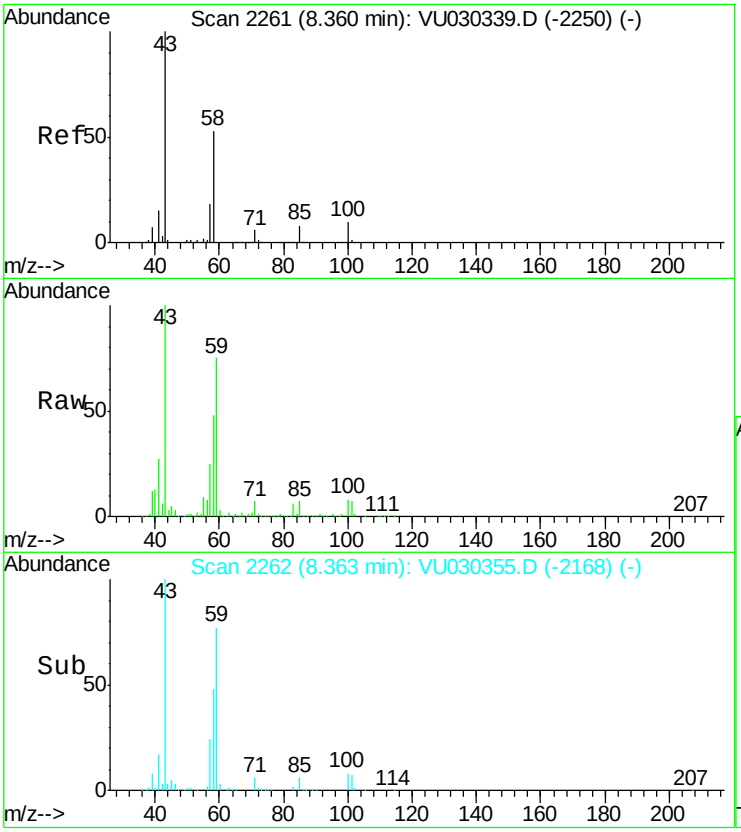


#42
Toluene
Concen: 2928.942 ug/L m
RT: 7.63 min Scan# 2033
Delta R.T. -0.01 min
Lab File: VU030355.D
Acq: 23 Mar 2019 21:07

Tgt Ion: 91 Resp:52337816

Ion	Ratio	Lower	Upper
91	100		
92	68.9	39.7	73.7

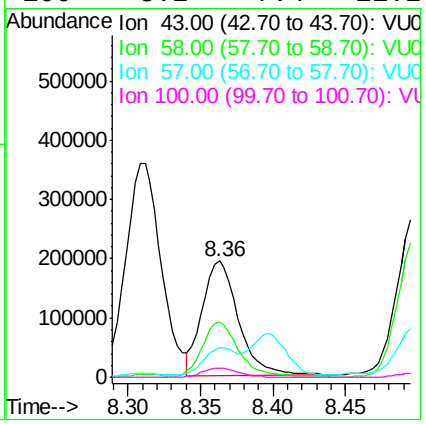




#48
2-Hexanone
Concen: 49.881 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VU030355.D
Acq: 23 Mar 2019 21:07

Tgt Ion: 43 Resp: 335533

Ion	Ratio	Lower	Upper
43	100		
58	47.7	42.5	63.7
57	22.8	15.0	22.6#
100	8.2	7.4	11.2



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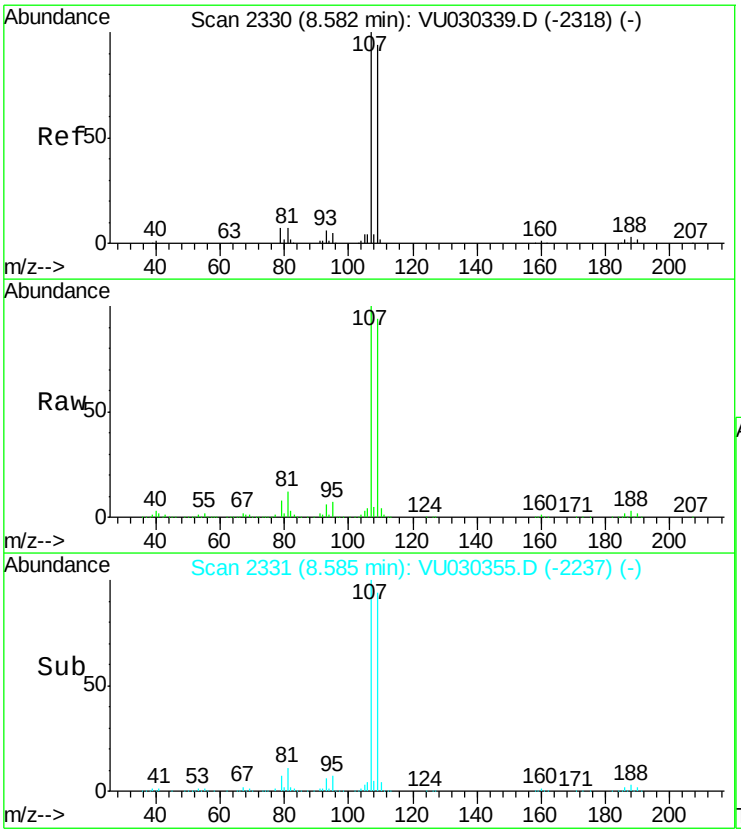
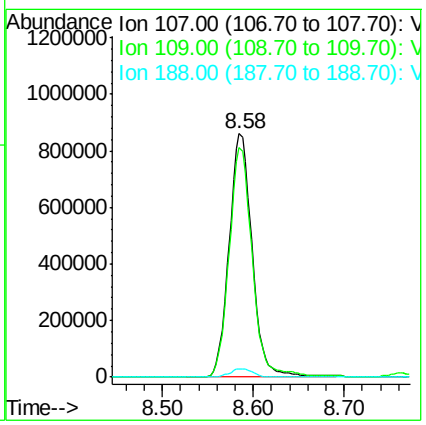
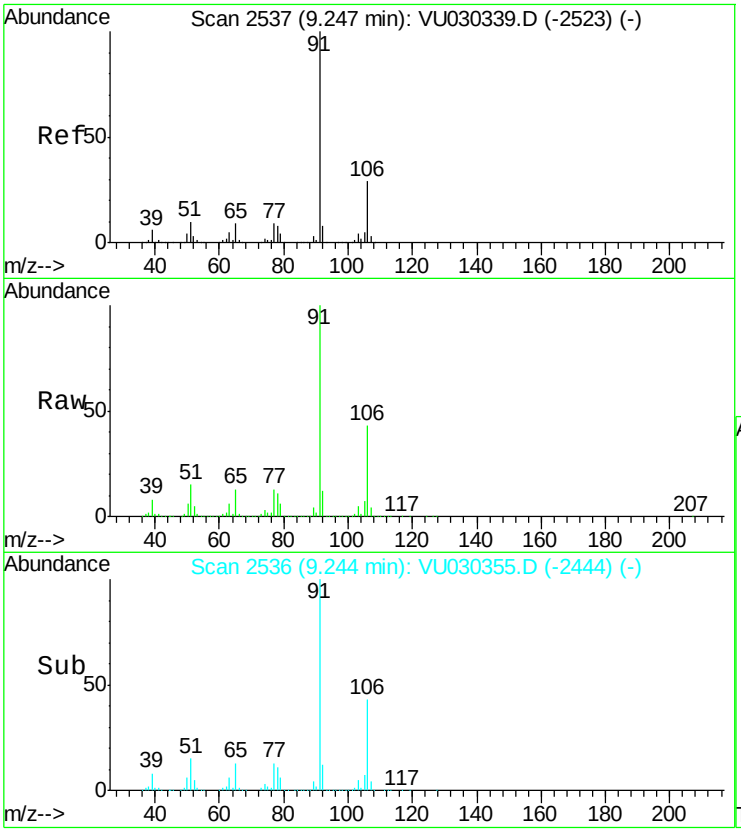


#50
1,2-Dibromoethane
Concen: 341.592 ug/L
RT: 8.58 min Scan# 2331
Delta R.T. 0.00 min
Lab File: VU030355.D
Acq: 23 Mar 2019 21:07

Tgt Ion:107 Resp: 1513539

Ion	Ratio	Lower	Upper
107	100		
109	94.3	65.8	122.2
188	3.4	2.6	4.0

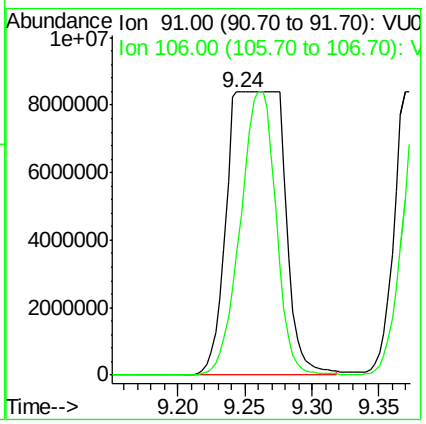




#52
Ethylbenzene
Concen: 1291.656 ug/L m
RT: 9.24 min Scan# 2536
Delta R.T. -0.00 min
Lab File: VU030355.D
Acq: 23 Mar 2019 21:07

Tgt Ion: 91 Resp:25002900

Ion	Ratio	Lower	Upper
91	100		
106	42.7	20.6	38.2#



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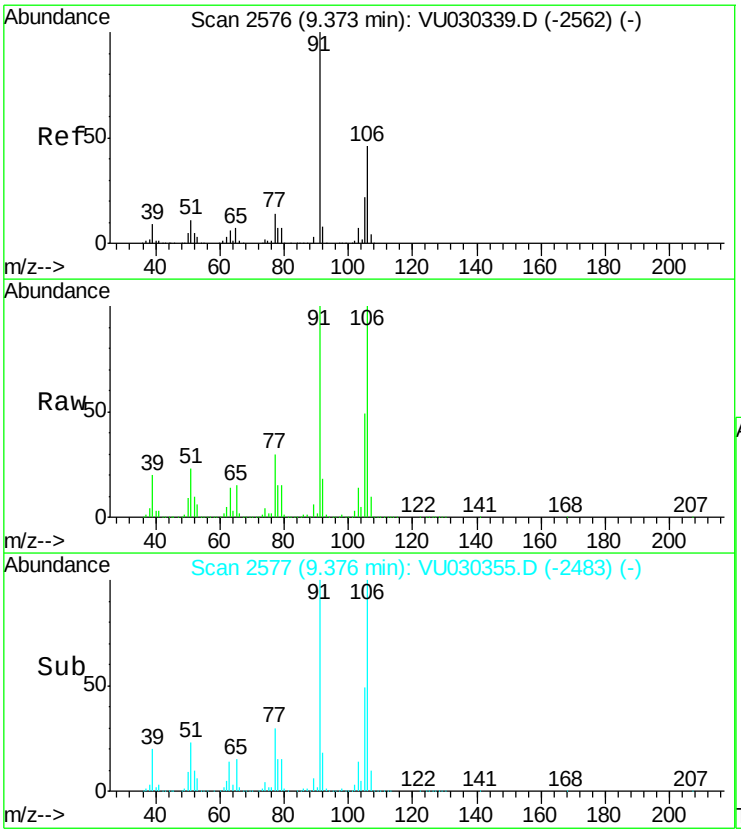
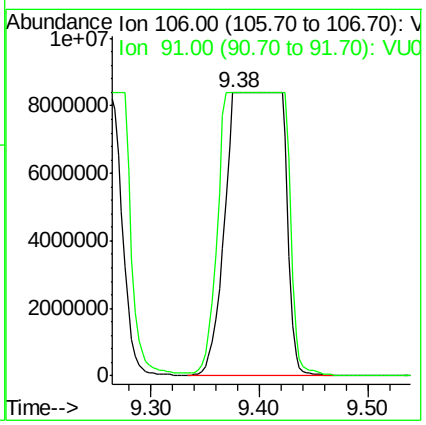
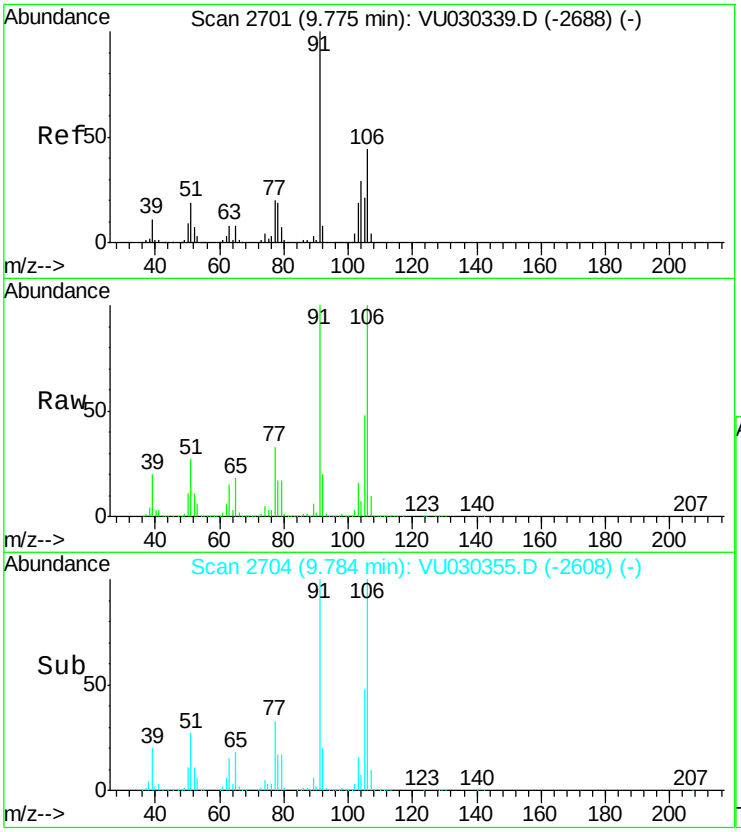


#53
m,p-Xylene
Concen: 4460.682 ug/L m
RT: 9.38 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VU030355.D
Acq: 23 Mar 2019 21:07

Tgt Ion:106 Resp:31177426

Ion	Ratio	Lower	Upper
106	100		
91	100.0	151.2	280.8#





#54
o-xylene
Concen: 3270.811 ug/L m
RT: 9.78 min Scan# 2704
Delta R.T. 0.01 min
Lab File: VU030355.D
Acq: 23 Mar 2019 21:07

Tgt Ion:106 Resp:22306291

Ion	Ratio	Lower	Upper
106	100		
91	100.0	159.6	296.4#

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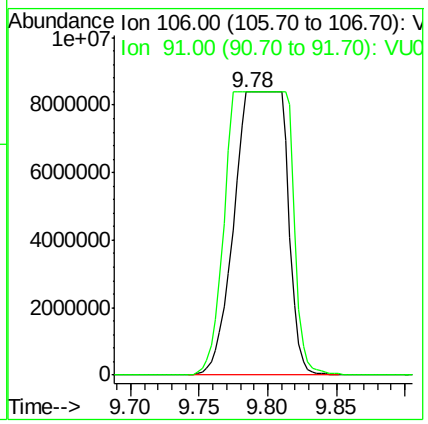

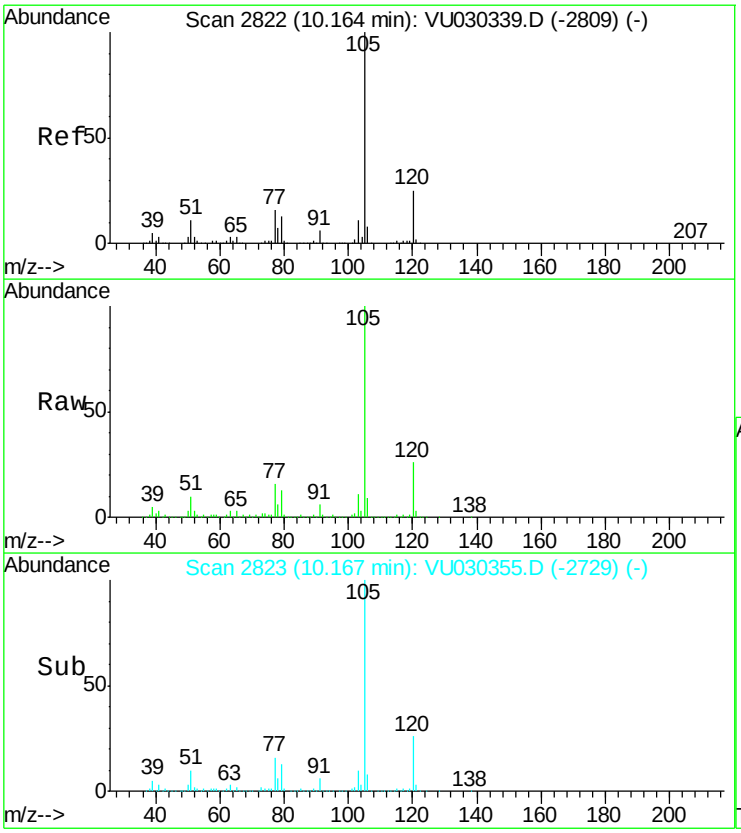

#56
Isopropylbenzene
Concen: 131.152 ug/L
RT: 10.17 min Scan# 2823
Delta R.T. 0.00 min
Lab File: VU030355.D
Acq: 23 Mar 2019 21:07

Tgt Ion:105 Resp: 2368320

Ion	Ratio	Lower	Upper
105	100		
120	25.6	20.2	30.2
77	15.8	13.2	19.8