Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032319\
Data File : VU030354.D
Acq On : 23 Mar 2019 20:44
Operator : JC/SP
Sample : K2063-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB6R6

Manual Integrations APPROVED
MMDadoda
3/24/2019 12:36:37 PM

Quant Time: Mar 24 12:33:15 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	475627	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	467664	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	240912	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	153115	40.00	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 80.00%			
7) Chloroethane-d5	1.68	69	132573	43.70	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 87.40%			
11) 1,1-Dichloroethene-d2	2.27	63	226742	31.23	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 62.46%			
21) 2-Butanone-d5	4.17	46	322226	89.55	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 89.55%			
24) Chloroform-d	4.65	84	283927	43.05	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.10%			
26) 1,2-Dichloroethane-d4	5.31	65	191213	44.31	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.62%			
32) Benzene-d6	5.34	84	608500	45.37	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.74%			
36) 1,2-Dichloropropane-d6	6.33	67	208379	45.41	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 90.82%			
41) Toluene-d8	7.57	98	581350	48.27	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.54%			
43) trans-1,3-Dichloropropene-	7.85	79	99235	45.99	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 91.98%			
47) 2-Hexanone-d5	8.31	63	244348	98.27	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 98.27%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	299277	45.58	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 91.16%			
64) 1,2-Dichlorobenzene-d4	11.86	152	221420	45.87	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.74%			
Target Compounds						Qvalue
6) Bromomethane	1.63	94	9910	3.881	ug/L	97
22) 2-Butanone	4.27	43	44354	10.084	ug/L	77
29) Cyclohexane	4.99	56	2086383	294.803	ug/L	98
33) Benzene	5.38	78	29497966m	1852.915	ug/L	
35) Methylcyclohexane	6.41	83	1277622	198.387	ug/L	93
42) Toluene	7.63	91	42178078m	2552.844	ug/L	
48) 2-Hexanone	8.36	43	140305	22.559	ug/L #	41
50) 1,2-Dibromoethane	8.58	107	771493	188.317	ug/L	99
52) Ethylbenzene	9.24	91	21291486m	1189.611	ug/L	
53) m,p-Xylene	9.38	106	25932597m	4012.816	ug/L	
54) o-xylene	9.78	106	17332446m	2748.719	ug/L	
56) Isopropylbenzene	10.16	105	1576950	94.448	ug/L	100

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

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Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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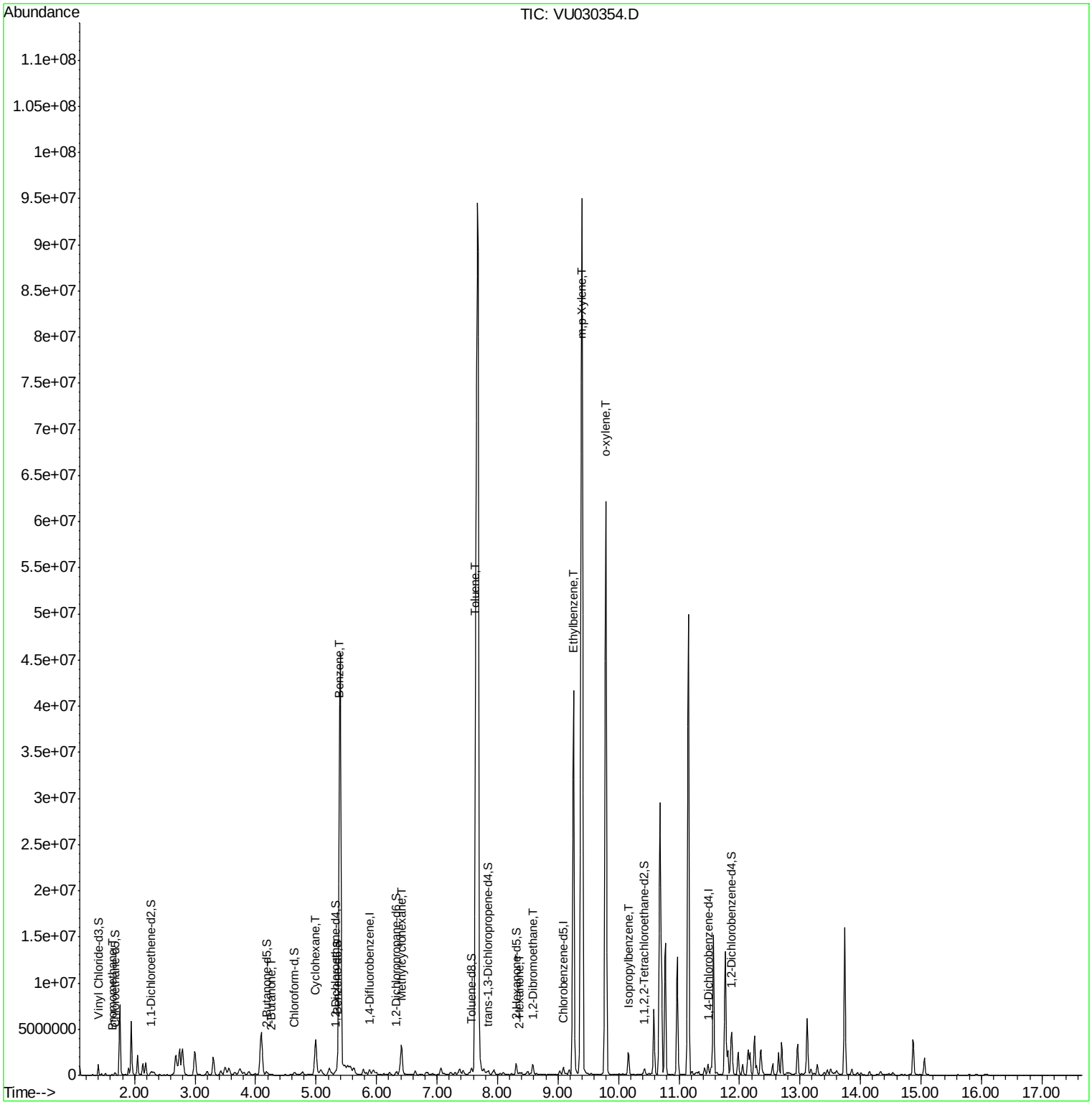
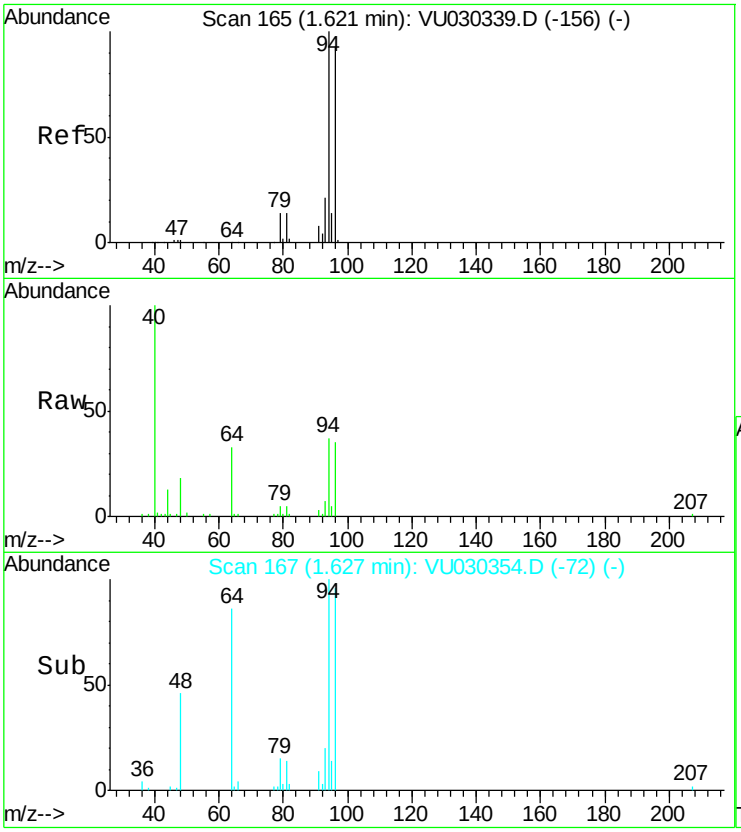
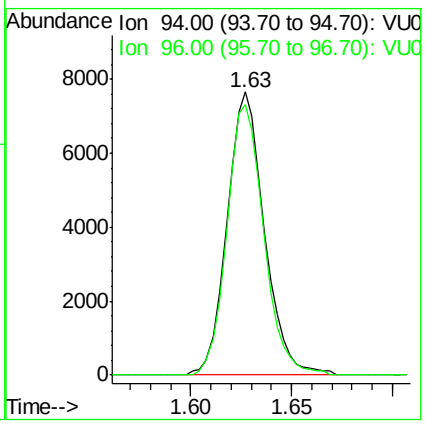




#6
Bromomethane
Concen: 3.881 ug/L
RT: 1.63 min Scan# 167
Delta R.T. 0.01 min
Lab File: VU030354.D
Acq: 23 Mar 2019 20:44

Tgt Ion: 94 Resp: 9910

Ion	Ratio	Lower	Upper
94	100		
96	95.7	64.8	120.3



Instrument :
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Manual Integrations APPROVED
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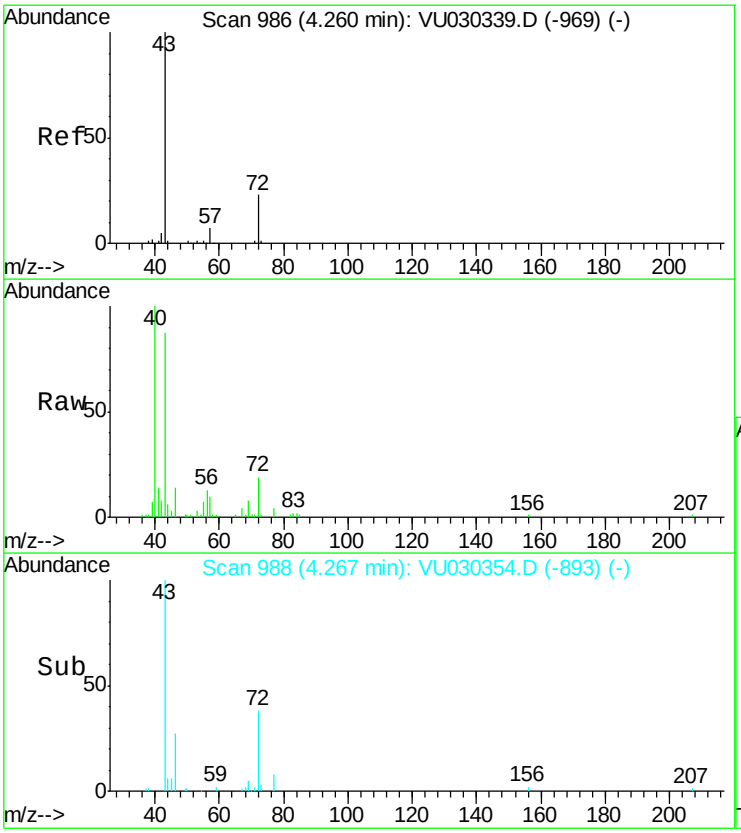
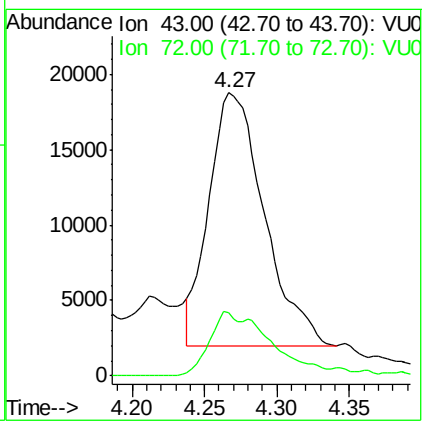
3/24/2019 12:36:37 PM

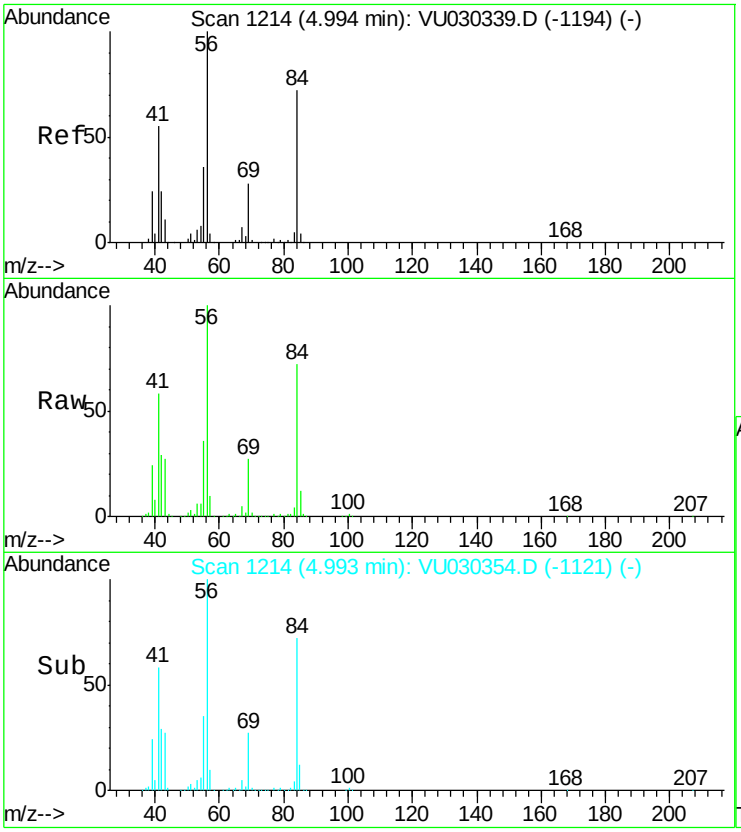


#22
2-Butanone
Concen: 10.084 ug/L
RT: 4.27 min Scan# 988
Delta R.T. 0.01 min
Lab File: VU030354.D
Acq: 23 Mar 2019 20:44

Tgt Ion: 43 Resp: 44354

Ion	Ratio	Lower	Upper
43	100		
72	12.8	12.0	36.1

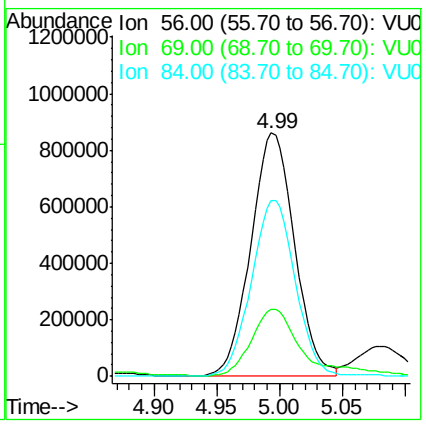




#29
Cyclohexane
Concen: 294.803 ug/L
RT: 4.99 min Scan# 1214
Delta R.T. -0.00 min
Lab File: VU030354.D
Acq: 23 Mar 2019 20:44

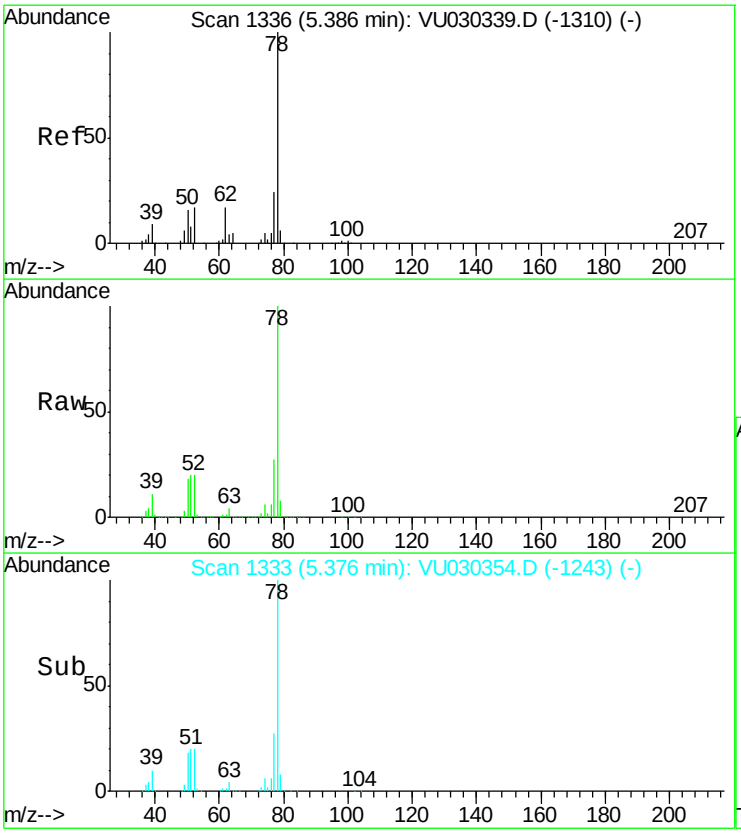
Tgt Ion: 56 Resp: 2086383

Ion	Ratio	Lower	Upper
56	100		
69	32.3	22.9	34.3
84	73.1	58.9	88.3



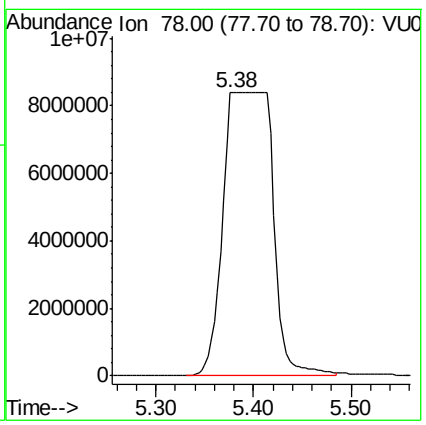
Instrument :
MSVOA_U
ClientSampleId :
DB6R6

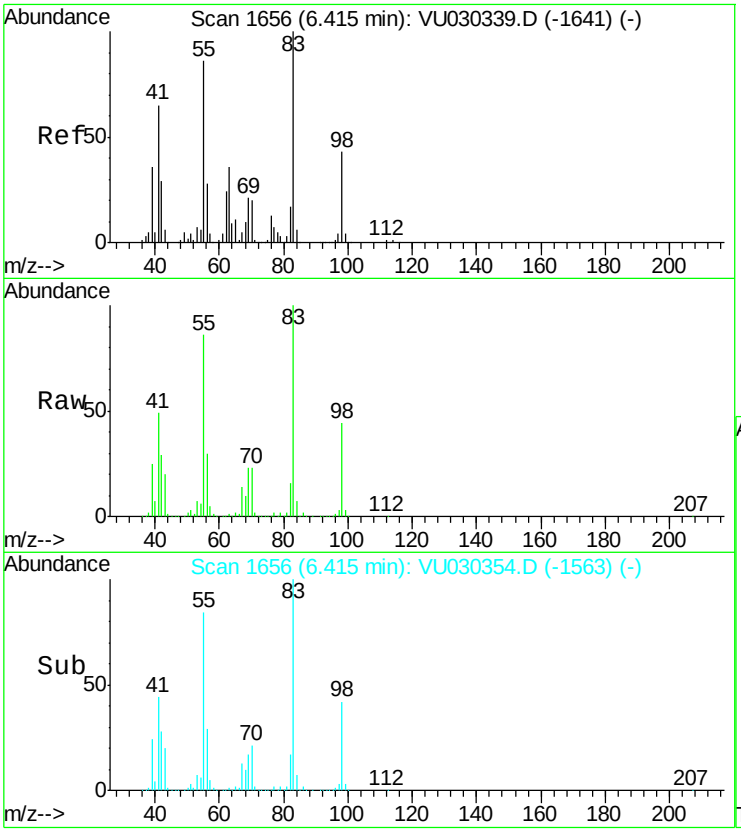
Manual Integrations APPROVED
MMDadoda
3/24/2019 12:36:37 PM



#33
Benzene
Concen: 1852.915 ug/L m
RT: 5.38 min Scan# 1333
Delta R.T. -0.01 min
Lab File: VU030354.D
Acq: 23 Mar 2019 20:44

Tgt Ion: 78 Resp:29497966

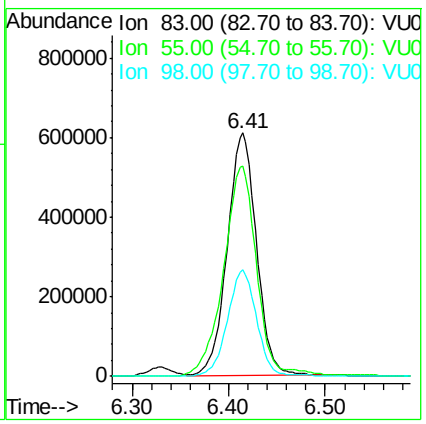




#35
Methylcyclohexane
Concen: 198.387 ug/L
RT: 6.41 min Scan# 1656
Delta R.T. -0.00 min
Lab File: VU030354.D
Acq: 23 Mar 2019 20:44

Tgt Ion: 83 Resp: 1277622

Ion	Ratio	Lower	Upper
83	100		
55	97.9	71.4	107.0
98	44.0	36.0	54.0



Instrument :
MSVOA_U
ClientSampleId :
DB6R6

Manual Integrations APPROVED
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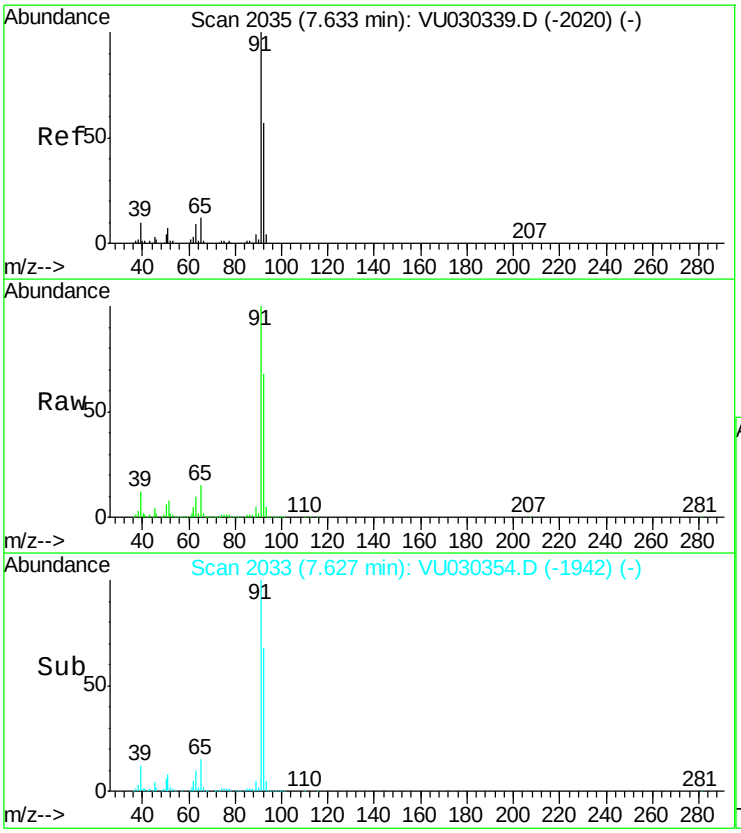
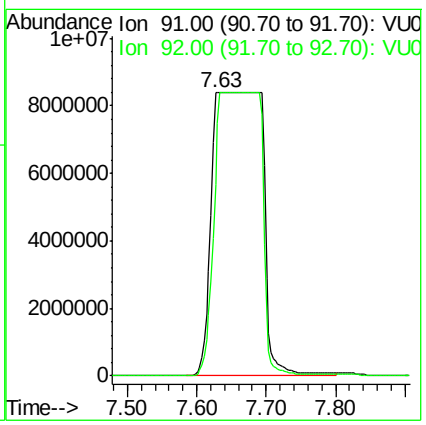
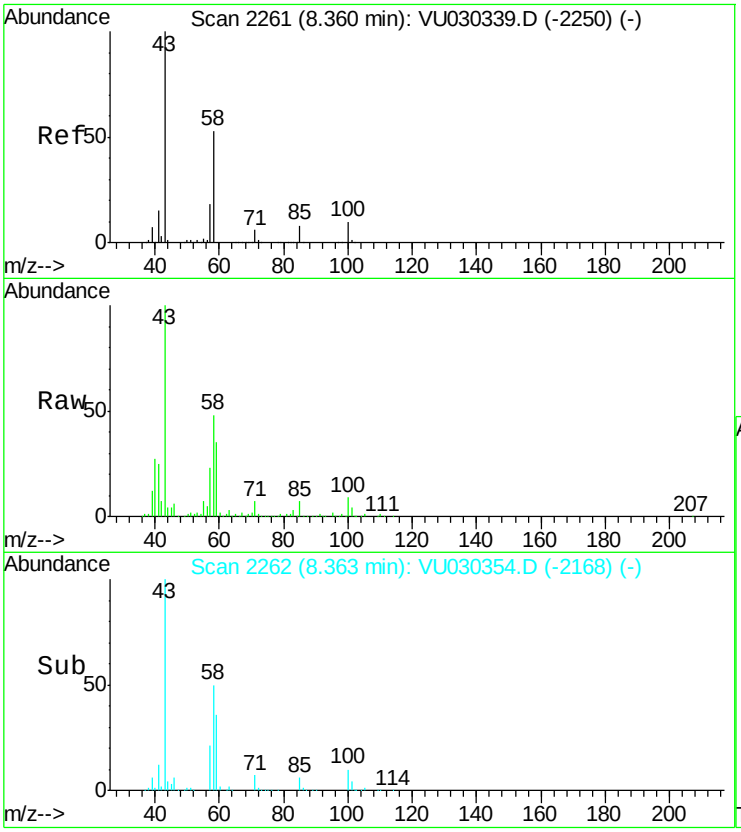


#42
Toluene
Concen: 2552.844 ug/L m
RT: 7.63 min Scan# 2033
Delta R.T. -0.01 min
Lab File: VU030354.D
Acq: 23 Mar 2019 20:44

Tgt Ion: 91 Resp:42178078

Ion	Ratio	Lower	Upper
91	100		
92	67.6	39.7	73.7

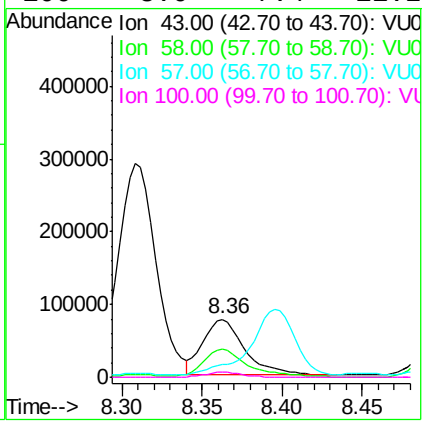




#48
2-Hexanone
Concen: 22.559 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VU030354.D
Acq: 23 Mar 2019 20:44

Tgt Ion: 43 Resp: 140305

Ion	Ratio	Lower	Upper
43	100		
58	53.2	42.5	63.7
57	132.9	15.0	22.6#
100	8.0	7.4	11.2



Instrument :
MSVOA_U
ClientSampleId :
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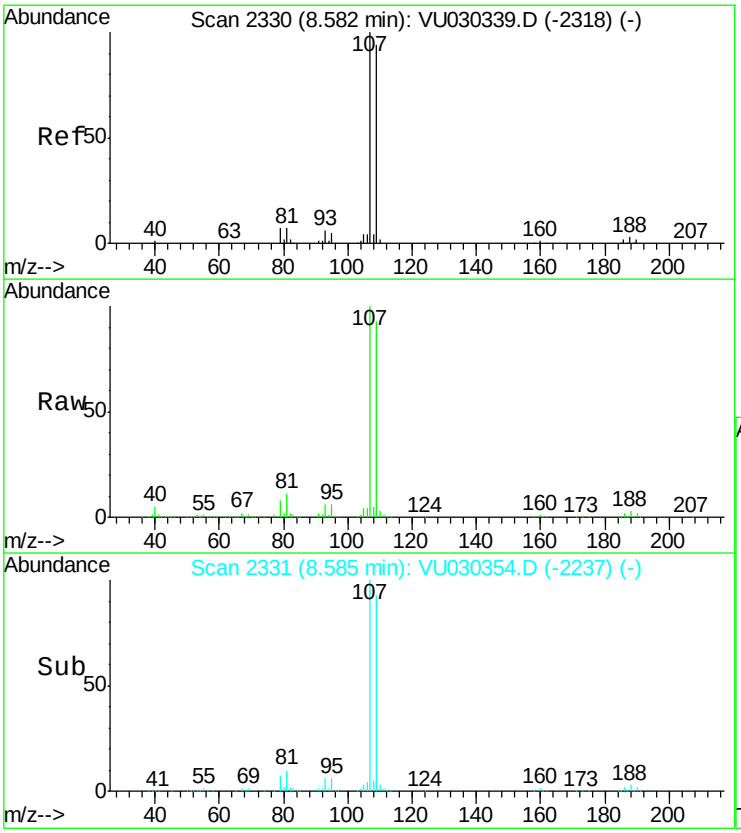
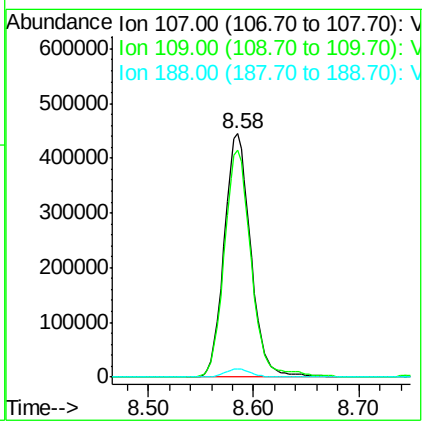
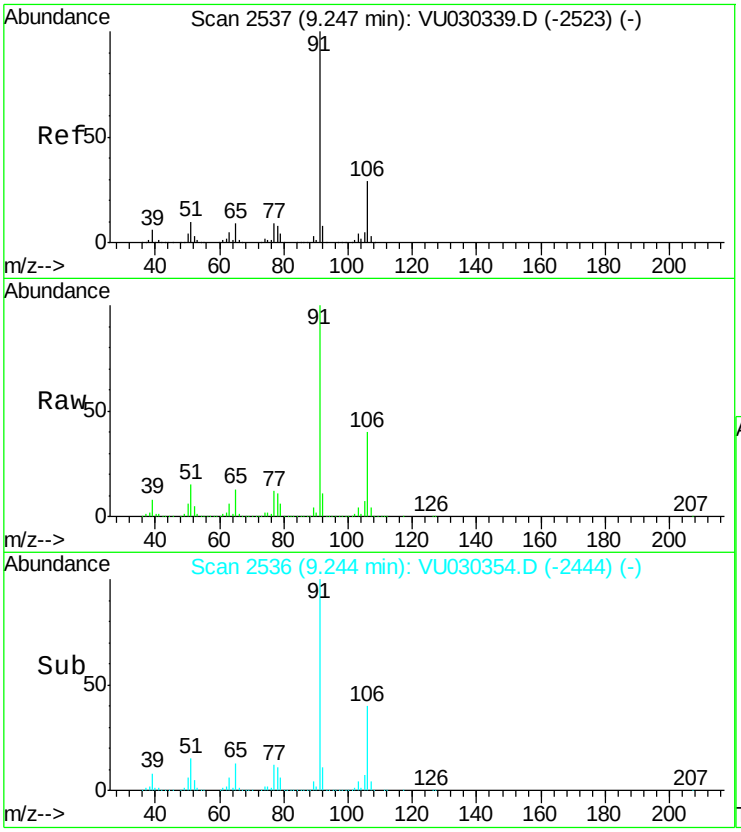


#50
1,2-Dibromoethane
Concen: 188.317 ug/L
RT: 8.58 min Scan# 2331
Delta R.T. 0.00 min
Lab File: VU030354.D
Acq: 23 Mar 2019 20:44

Tgt Ion:107 Resp: 771493

Ion	Ratio	Lower	Upper
107	100		
109	93.4	65.8	122.2
188	3.3	2.6	4.0

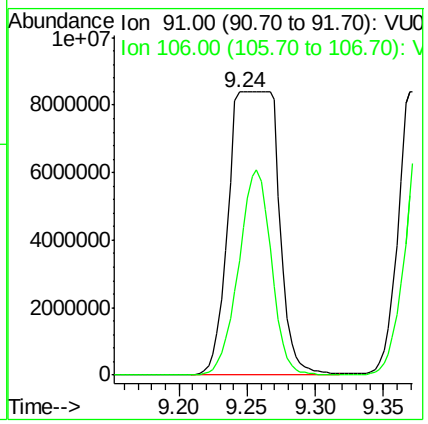




#52
Ethylbenzene
Concen: 1189.611 ug/L m
RT: 9.24 min Scan# 2536
Delta R.T. -0.00 min
Lab File: VU030354.D
Acq: 23 Mar 2019 20:44

Tgt Ion: 91 Resp:21291486

Ion	Ratio	Lower	Upper
91	100		
106	40.4	20.6	38.2#



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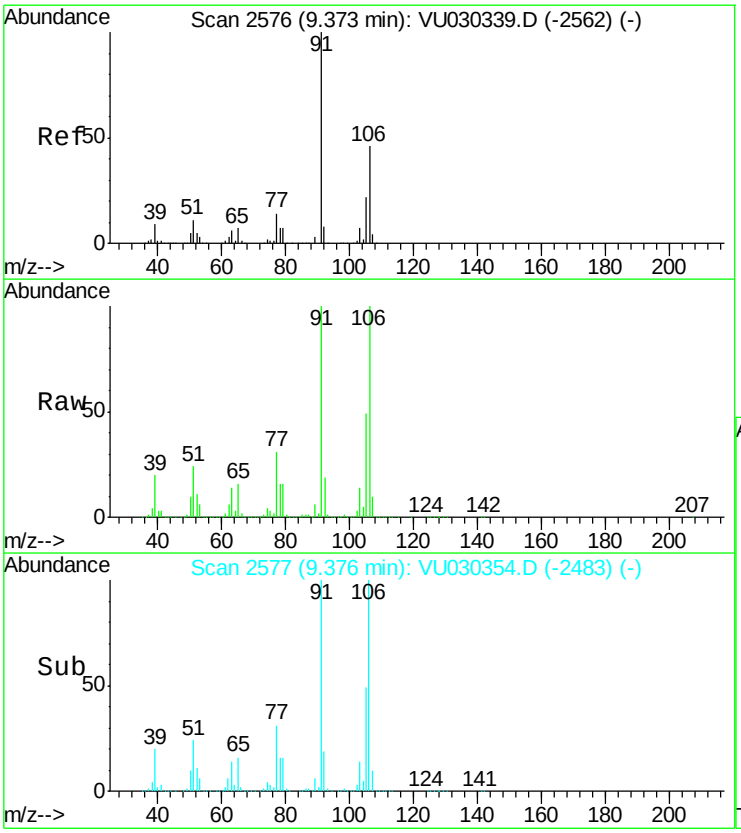
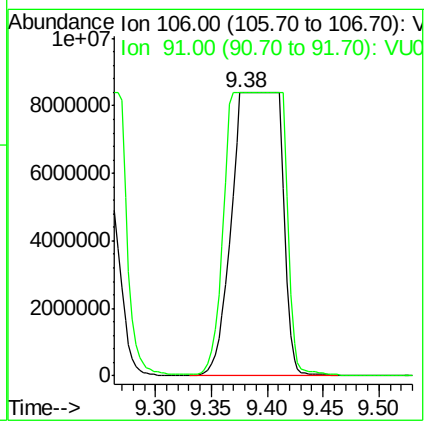
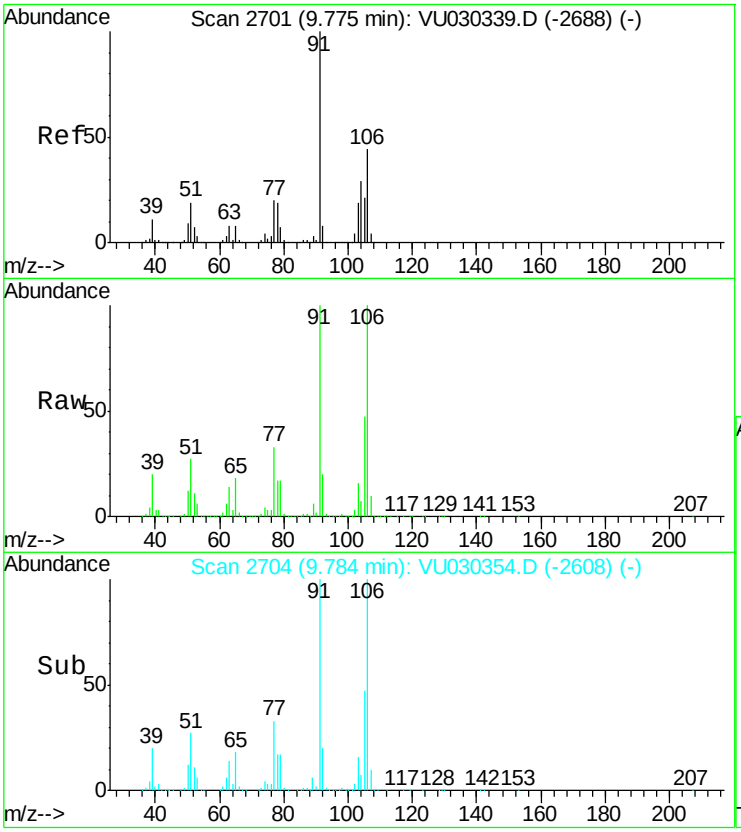


#53
m,p-Xylene
Concen: 4012.816 ug/L m
RT: 9.38 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VU030354.D
Acq: 23 Mar 2019 20:44

Tgt Ion:106 Resp:25932597

Ion	Ratio	Lower	Upper
106	100		
91	100.0	151.2	280.8#





#54
o-xylene
Concen: 2748.719 ug/L m
RT: 9.78 min Scan# 2704
Delta R.T. 0.01 min
Lab File: VU030354.D
Acq: 23 Mar 2019 20:44

Tgt Ion:106 Resp:17332446

Ion	Ratio	Lower	Upper
106	100		
91	100.0	159.6	296.4#

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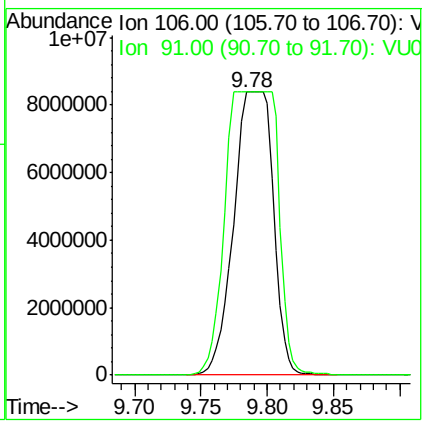

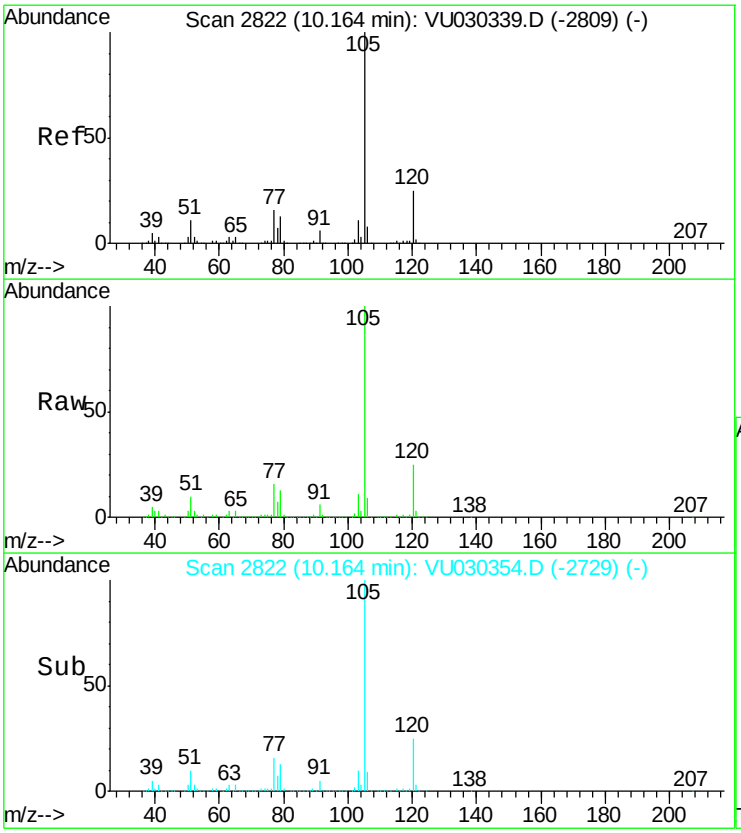

#56
Isopropylbenzene
Concen: 94.448 ug/L
RT: 10.16 min Scan# 2822
Delta R.T. -0.00 min
Lab File: VU030354.D
Acq: 23 Mar 2019 20:44

Tgt Ion:105 Resp: 1576950

Ion	Ratio	Lower	Upper
105	100		
120	25.4	20.2	30.2
77	16.3	13.2	19.8