Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061020\
Data File : VV016777.D
Acq On : 10 Jun 2020 18:25
Operator : SY/MD
Sample : L2914-08 20X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E03

Manual Integrations APPROVED
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6/11/2020 4:23:31 PM

Quant Time: Jun 11 03:22:06 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jun 11 01:04:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	354572	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	329411	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	170987	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	107347	42.91	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 85.82%			
7) Chloroethane-d5	1.55	69	73729	49.11	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 98.22%			
11) 1,1-Dichloroethene-d2	2.11	63	144238	34.33	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 68.66%			
21) 2-Butanone-d5	3.89	46	168510	91.00	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 91.00%			
24) Chloroform-d	4.37	84	219544	43.15	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.30%			
26) 1,2-Dichloroethane-d4	5.05	65	163670	47.30	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.60%			
32) Benzene-d6	5.07	84	449324	47.32	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.64%			
36) 1,2-Dichloropropane-d6	6.09	67	135918	45.92	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 91.84%			
41) Toluene-d8	7.33	98	403003	46.25	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.50%			
43) trans-1,3-Dichloropropene-	7.64	79	66707	43.27	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 86.54%			
47) 2-Hexanone-d5	8.11	63	104419	80.92	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 80.92%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	183856	46.92	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 93.84%			
64) 1,2-Dichlorobenzene-d4	11.65	152	172976	47.40	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.80%			
Target Compounds						Qvalue
25) Chloroform	4.40	83	7579	1.633	ug/L	92
29) Cyclohexane	4.69	56	13129m	3.207	ug/L	
33) Benzene	5.12	78	1876509	192.535	ug/L	100
42) Toluene	7.41	91	39501	3.845	ug/L	98
52) Ethylbenzene	9.04	91	29179	2.564	ug/L	100
53) m,p-Xylene	9.16	106	27738	6.546	ug/L	95
54) o-xylene	9.56	106	10064	2.408	ug/L	93

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

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Instrument :
MSVOA_V
ClientSampleId :
F9E03

Manual Integrations APPROVED
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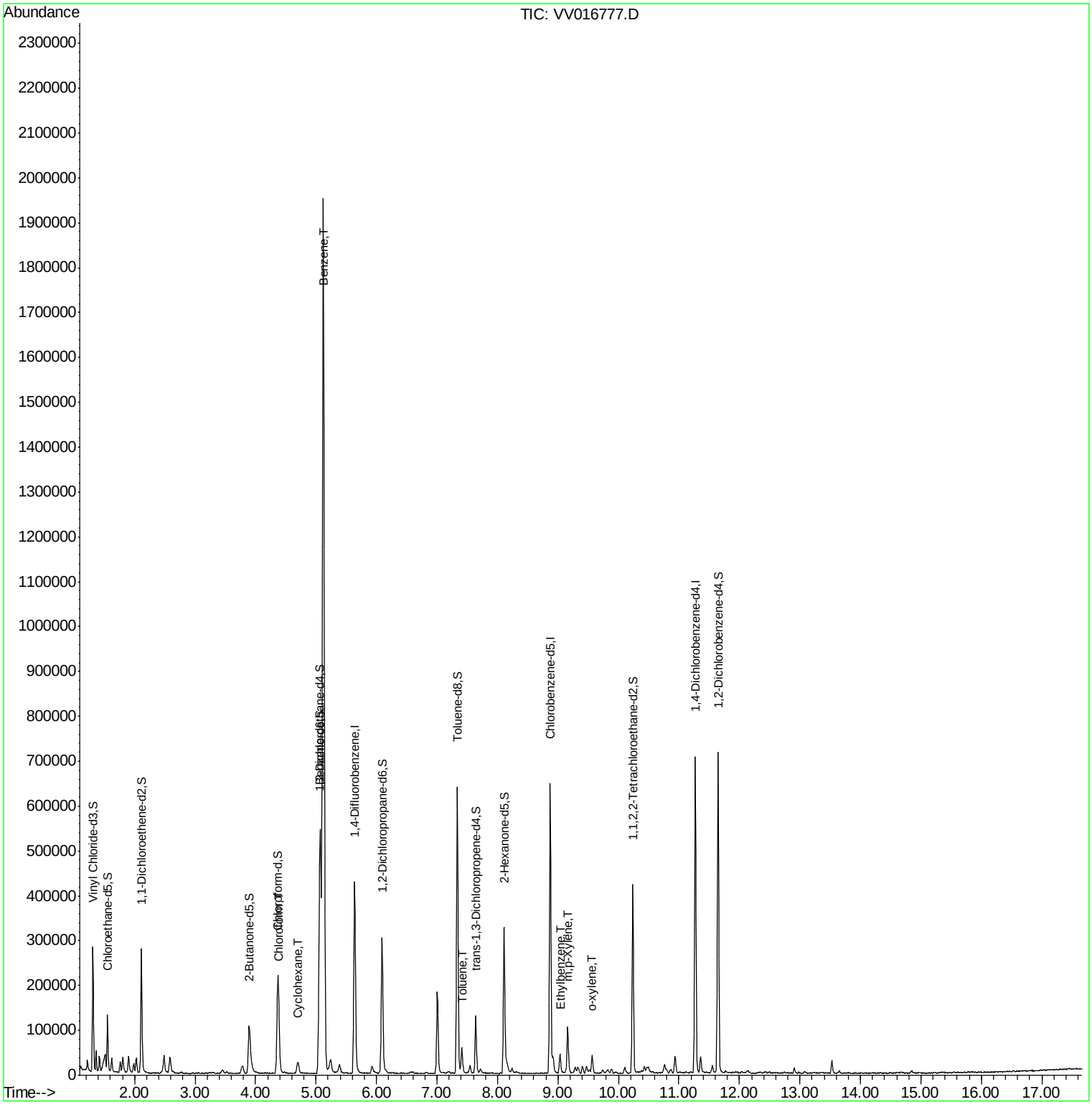
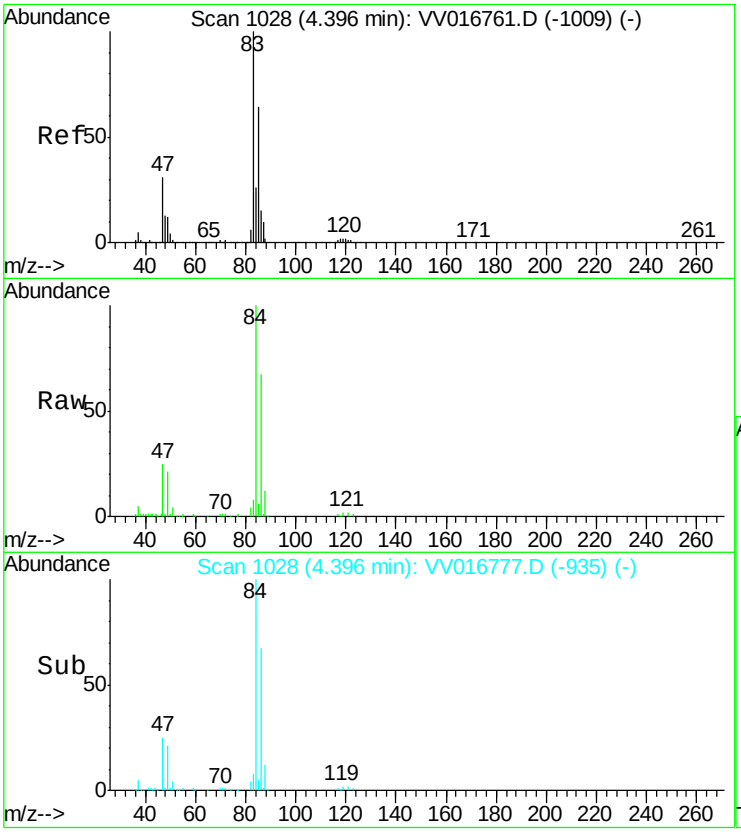
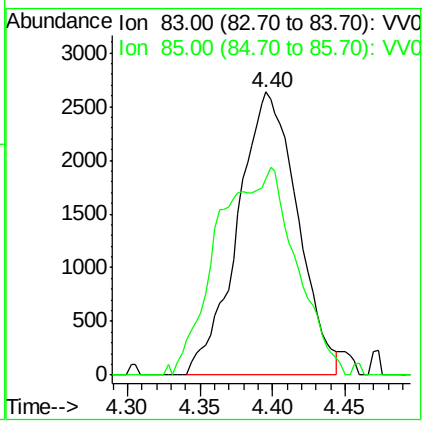




#25
Chloroform
Concen: 1.633 ug/L
RT: 4.40 min Scan# 1028
Delta R.T. -0.00 min
Lab File: VV016777.D
Acq: 10 Jun 2020 18:25

Tgt Ion: 83 Resp: 7579

Ion	Ratio	Lower	Upper
83	100		
85	69.1	44.1	81.9



Instrument :
MSVOA_V
ClientSampleId :
F9E03

Manual Integrations APPROVED
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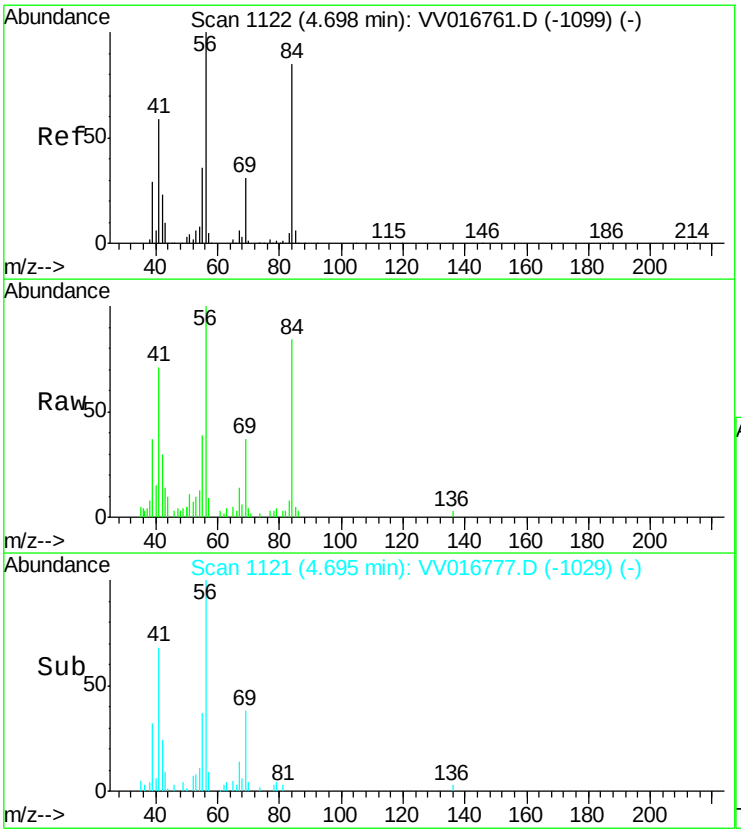
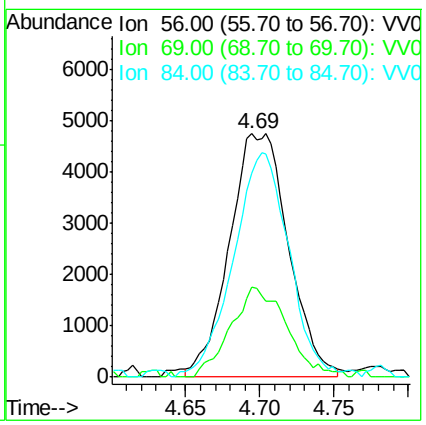
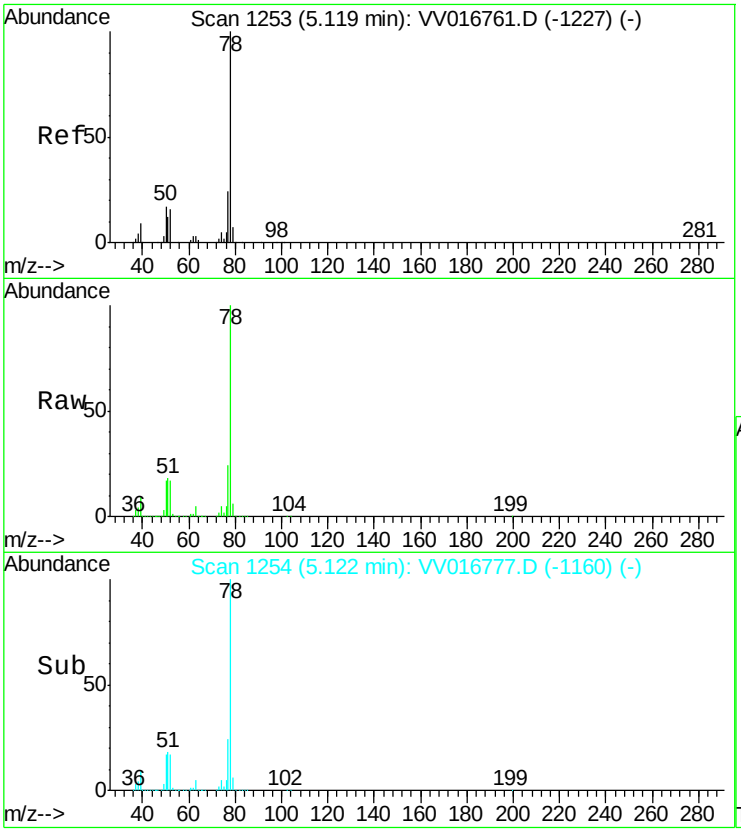


#29
Cyclohexane
Concen: 3.207 ug/L m
RT: 4.69 min Scan# 1121
Delta R.T. -0.00 min
Lab File: VV016777.D
Acq: 10 Jun 2020 18:25

Tgt Ion: 56 Resp: 13129

Ion	Ratio	Lower	Upper
56	100		
69	23.9	25.0	37.4#
84	86.7	69.5	104.3





#33
Benzene
Concen: 192.535 ug/L
RT: 5.12 min Scan# 1254
Delta R.T. 0.00 min
Lab File: VV016777.D
Acq: 10 Jun 2020 18:25

Tgt Ion: 78 Resp: 1876509

Instrument :
MSVOA_V
ClientSampleId :
F9E03

Manual Integrations APPROVED
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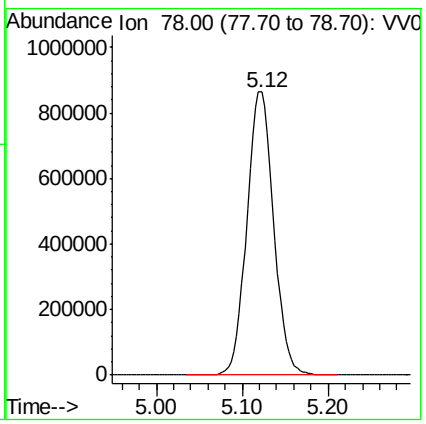
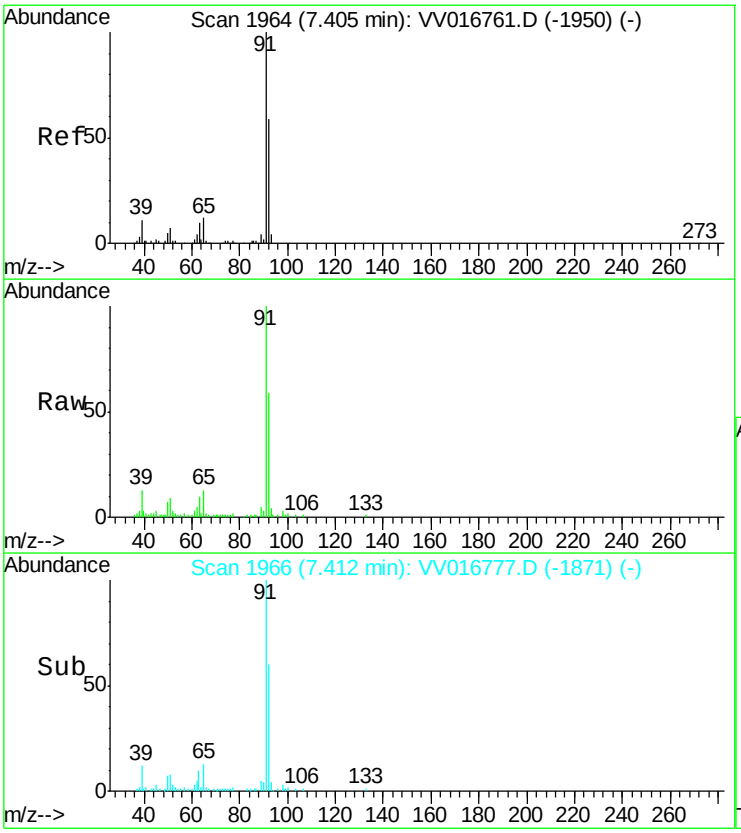
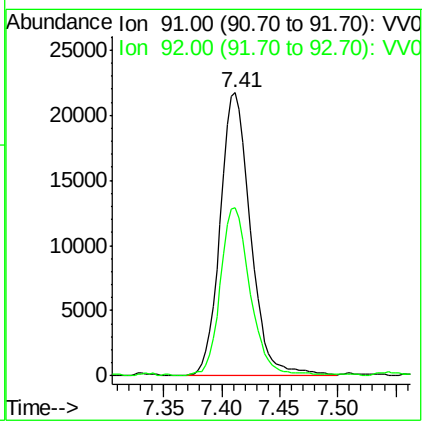


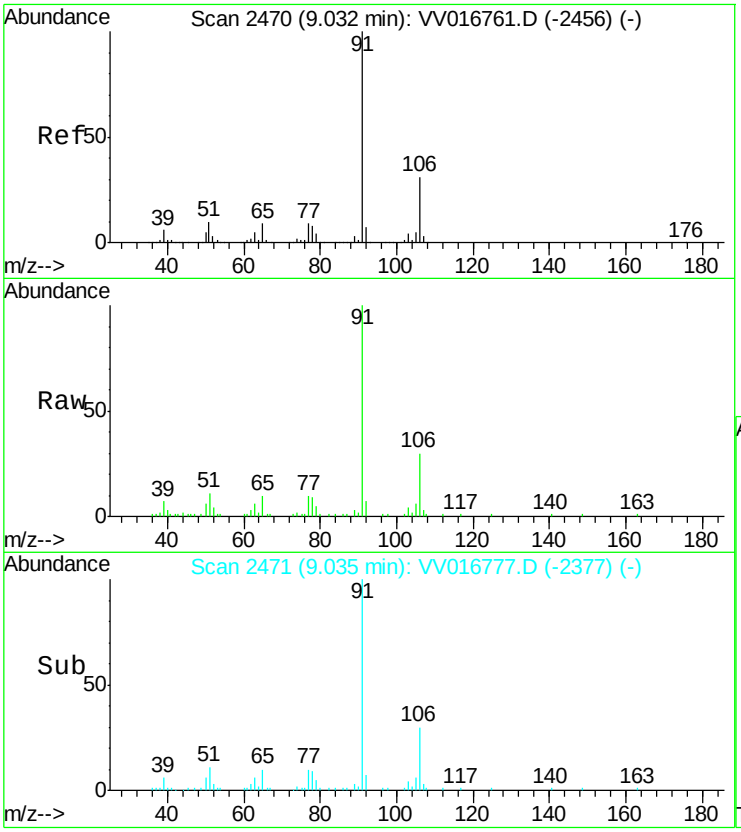


#42
Toluene
Concen: 3.845 ug/L
RT: 7.41 min Scan# 1966
Delta R.T. 0.01 min
Lab File: VV016777.D
Acq: 10 Jun 2020 18:25

Tgt Ion: 91 Resp: 39501

Ion	Ratio	Lower	Upper
91	100		
92	59.5	40.4	75.0

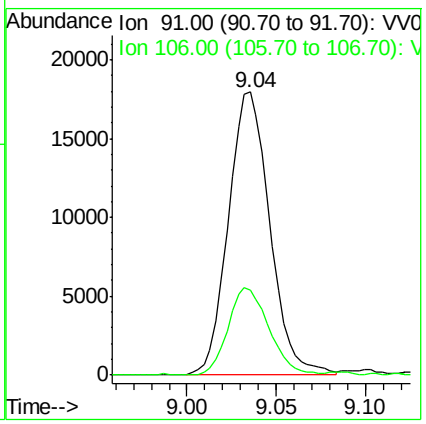




#52
Ethylbenzene
Concen: 2.564 ug/L
RT: 9.04 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VV016777.D
Acq: 10 Jun 2020 18:25

Tgt Ion: 91 Resp: 29179

Ion	Ratio	Lower	Upper
91	100		
106	29.9	21.1	39.1



Instrument :
MSVOA_V
ClientSampleId :
F9E03

Manual Integrations APPROVED
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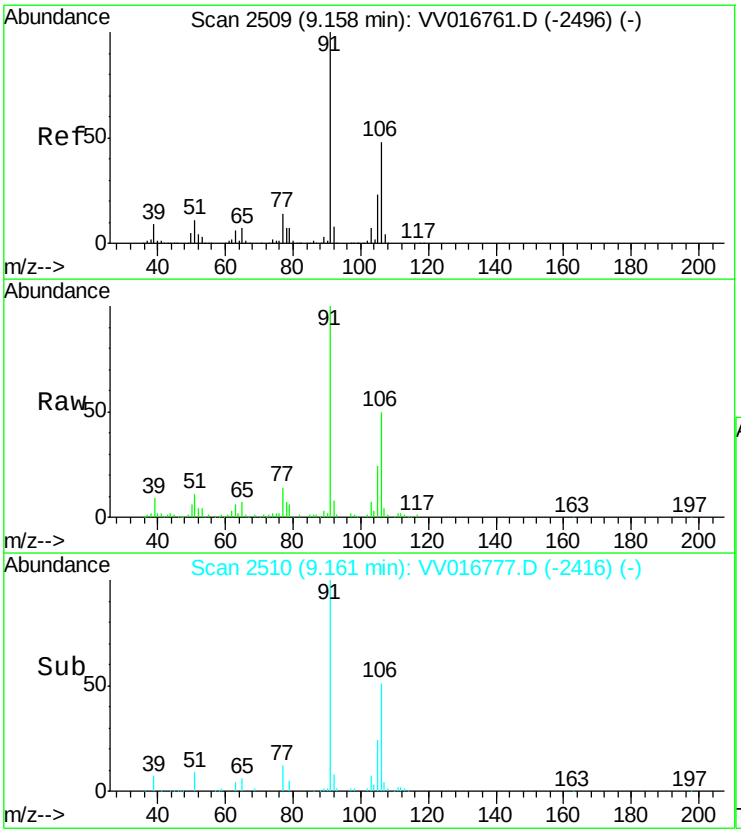
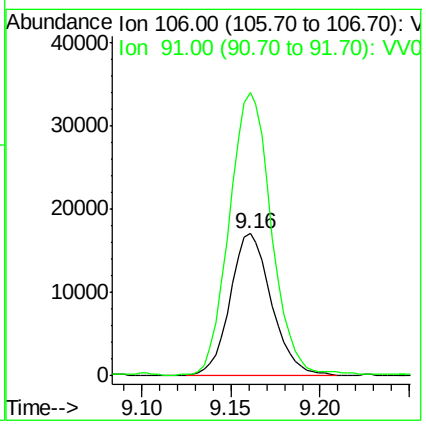
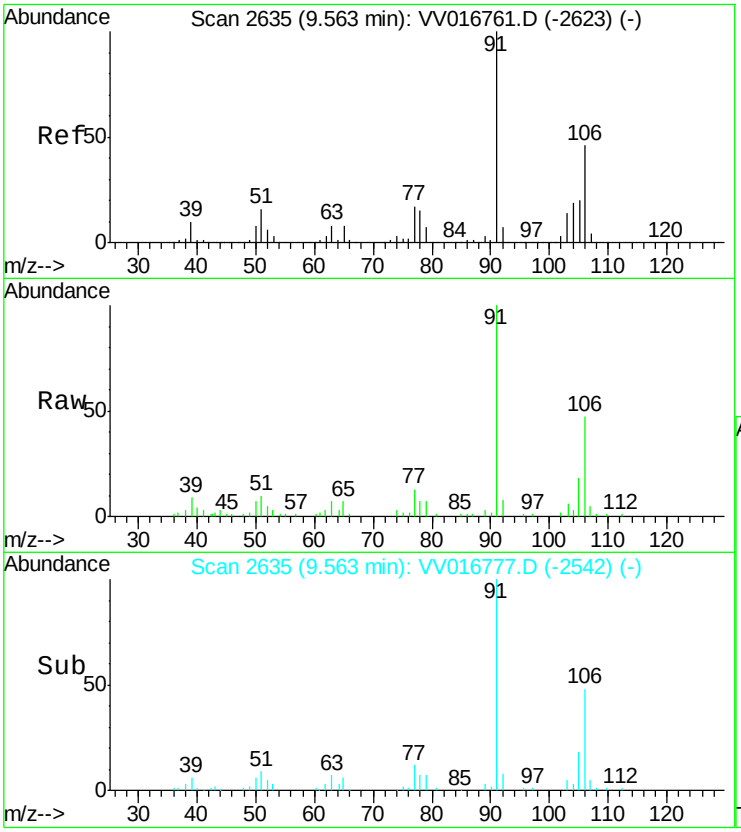


#53
m,p-Xylene
Concen: 6.546 ug/L
RT: 9.16 min Scan# 2510
Delta R.T. 0.00 min
Lab File: VV016777.D
Acq: 10 Jun 2020 18:25

Tgt Ion:106 Resp: 27738

Ion	Ratio	Lower	Upper
106	100		
91	198.9	144.6	268.6

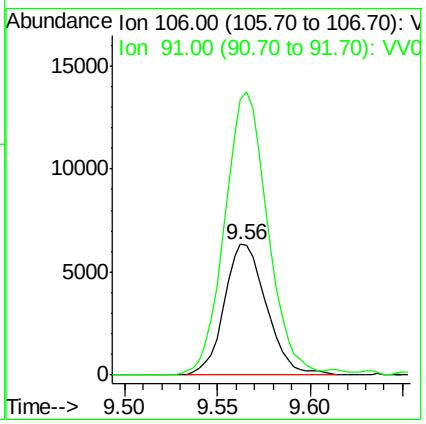




#54
o-xylene
Concen: 2.408 ug/L
RT: 9.56 min Scan# 2635
Delta R.T. -0.00 min
Lab File: VV016777.D
Acq: 10 Jun 2020 18:25

Tgt Ion:106 Resp: 10064

Ion	Ratio	Lower	Upper
106	100		
91	211.3	155.9	289.5



Instrument :
MSVOA_V
ClientSampleId :
F9E03

Manual Integrations APPROVED
MMDadoda
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