Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050420\
Data File : VV015886.D
Acq On : 04 May 2020 15:44
Operator : SY/MD
Sample : L2432-05
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKT4

Manual Integrations APPROVED
apatel
5/5/2020 11:16:52 AM

Quant Time: May 05 03:21:39 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue May 05 01:28:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	122461	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	115441	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	59563	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	30522	4.77	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 95.40%			
7) Chloroethane-d5	1.57	69	29318	4.75	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.00%			
11) 1,1-Dichloroethene-d2	2.12	63	46211	3.30	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 66.00%			
20) 2-Butanone-d5	3.94	46	101103	49.20	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 98.40%			
24) Chloroform-d	4.38	84	66887	4.48	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.60%			
26) 1,2-Dichloroethane-d4	5.06	65	39895	4.78	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.60%			
32) Benzene-d6	5.08	84	131351	4.77	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.40%			
36) 1,2-Dichloropropane-d6	6.09	67	44846	5.09	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 101.80%			
41) Toluene-d8	7.34	98	118364	4.52	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.40%			
43) trans-1,3-Dichloropropene-	7.65	79	14497	4.26	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 85.20%			
46) 2-Hexanone-d5	8.11	63	79914	48.13	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 96.26%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	31046	4.74	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 94.80%			
64) 1,2-Dichlorobenzene-d4	11.65	152	46993	4.64	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.80%			
Target Compounds						Qvalue
13) Acetone	2.23	43	4093m	2.868	ug/L	
25) Chloroform	4.40	83	3175m	0.191	ug/L	
33) Benzene	5.13	78	42183	1.279	ug/L	100
42) Toluene	7.41	91	55633	1.579	ug/L	100
52) Ethylbenzene	9.03	91	442874	10.859	ug/L	99
53) m,p-xylene	9.16	106	227603	15.236	ug/L	100
54) o-xylene	9.57	106	138040	9.550	ug/L	97
56) Isopropylbenzene	9.95	105	30951	0.763	ug/L	99

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

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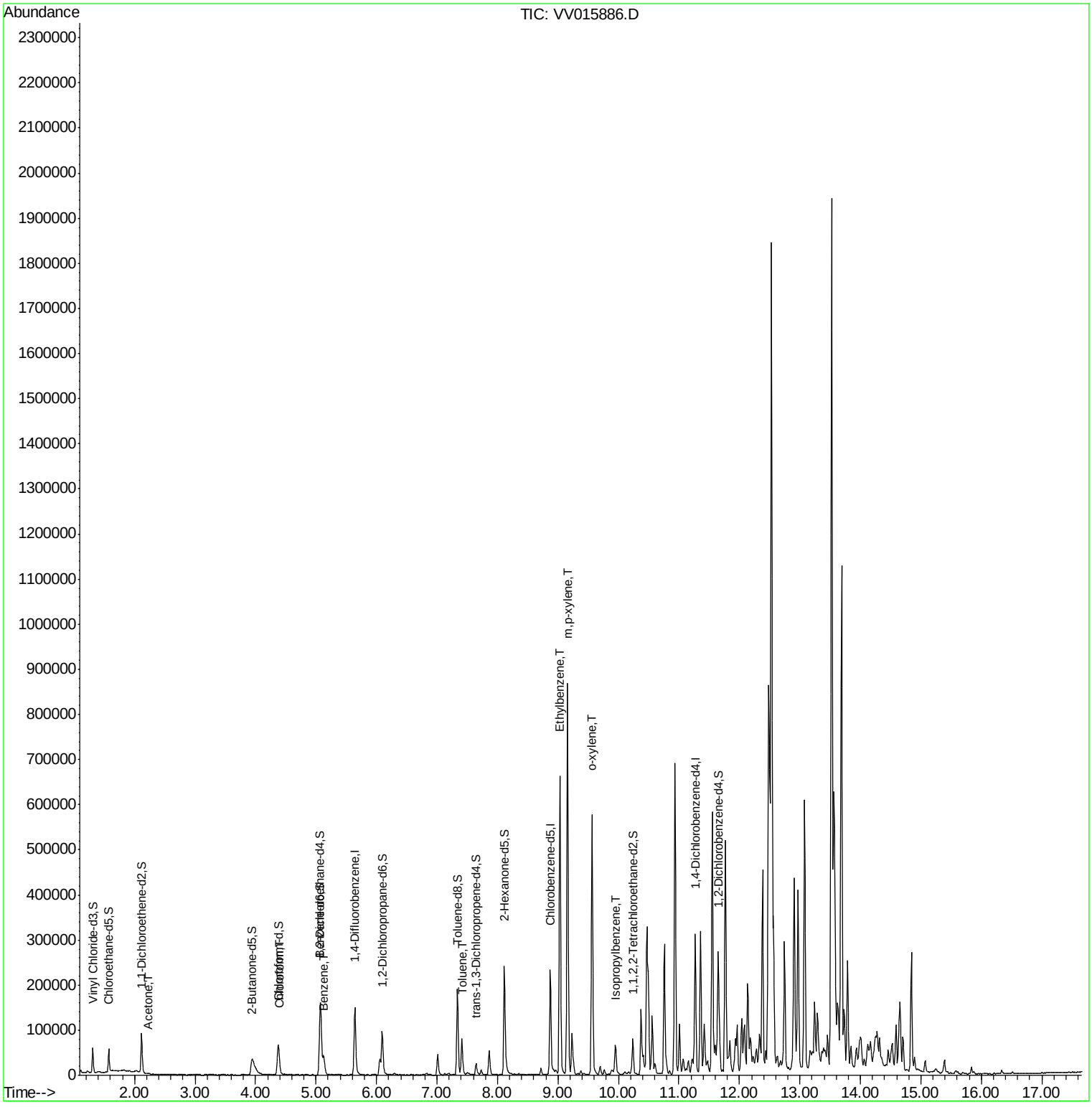
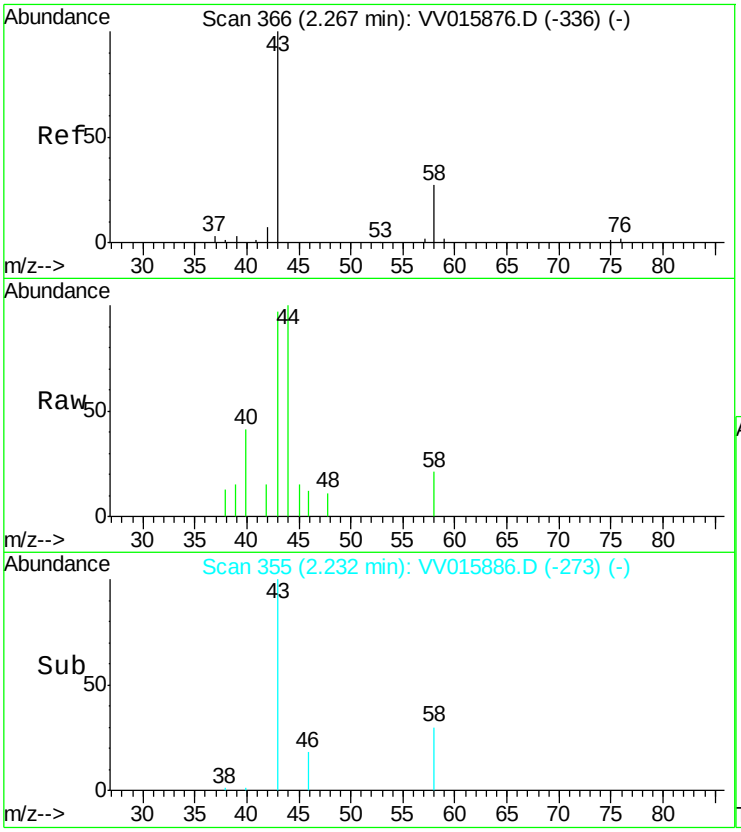
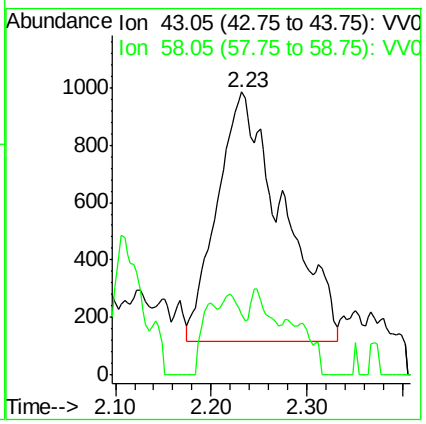




#13
Acetone
Concen: 2.868 ug/L m
RT: 2.23 min Scan# 355
Delta R.T. -0.04 min
Lab File: VV015886.D
Acq: 04 May 2020 15:44

Tgt Ion: 43 Resp: 4093

Ion	Ratio	Lower	Upper
43	100		
58	4.7	0.0	57.6



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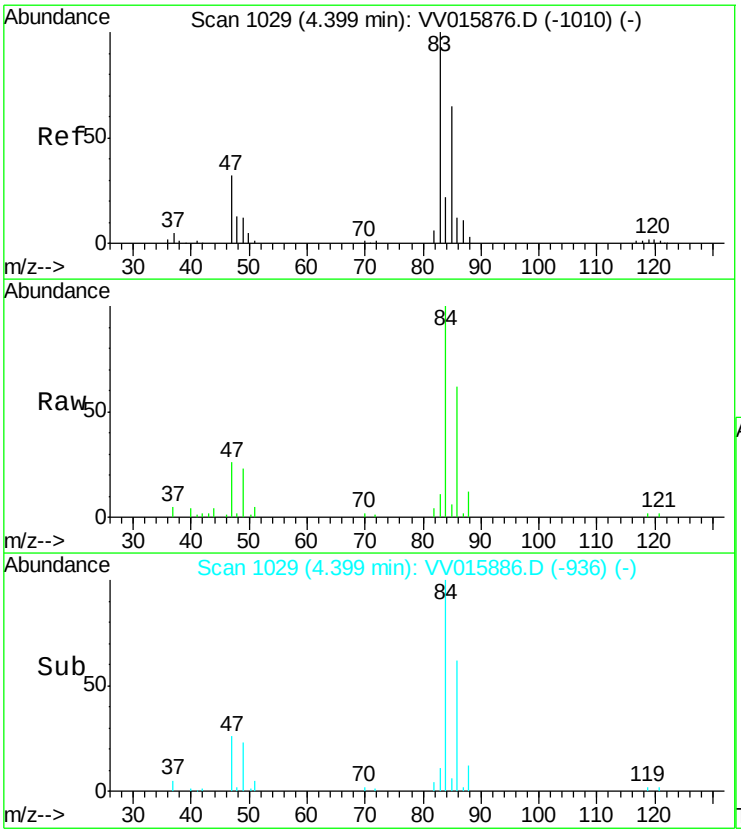
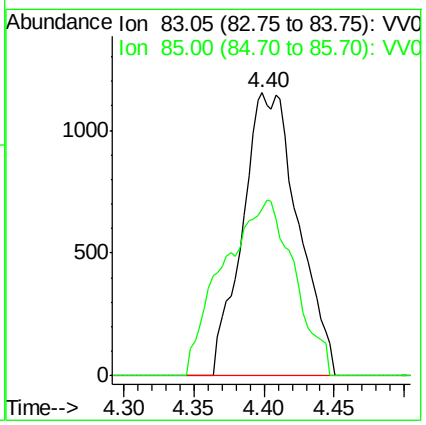
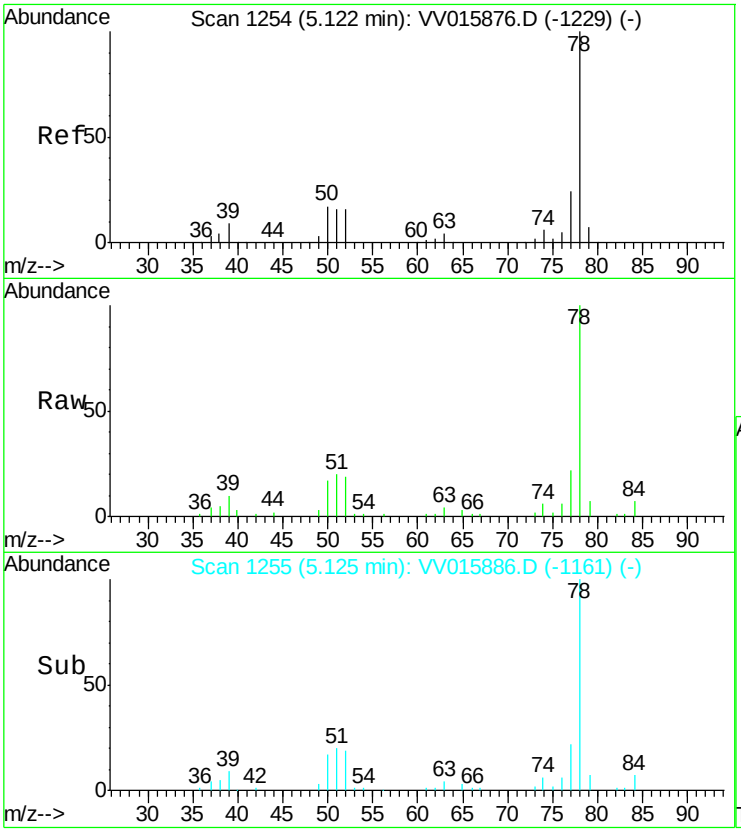


#25
Chloroform
Concen: 0.191 ug/L m
RT: 4.40 min Scan# 1029
Delta R.T. -0.00 min
Lab File: VV015886.D
Acq: 04 May 2020 15:44

Tgt Ion: 83 Resp: 3175

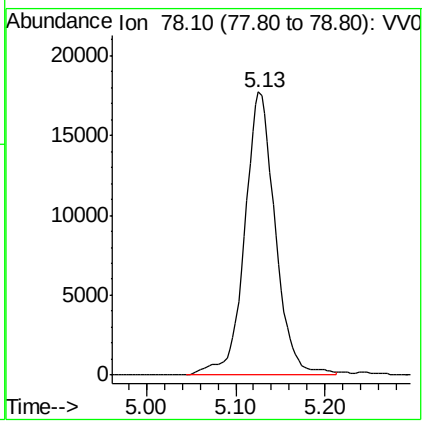
Ion	Ratio	Lower	Upper
83	100		
85	59.0	46.1	85.5





#33
Benzene
Concen: 1.279 ug/L
RT: 5.13 min Scan# 1255
Delta R.T. 0.00 min
Lab File: VV015886.D
Acq: 04 May 2020 15:44

Tgt Ion: 78 Resp: 42183



Instrument :
MSVOA_V
ClientSampleId :
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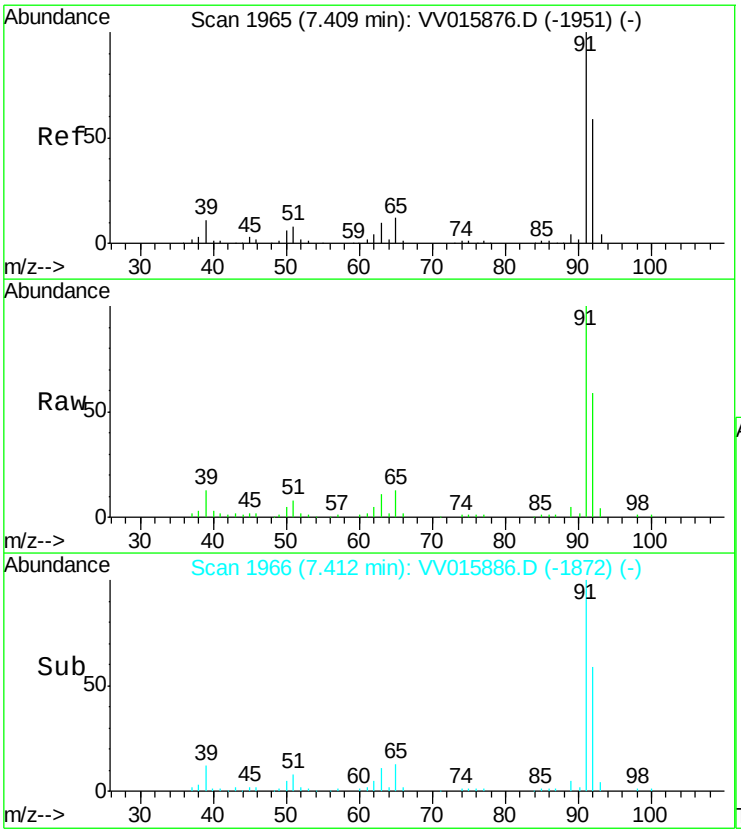
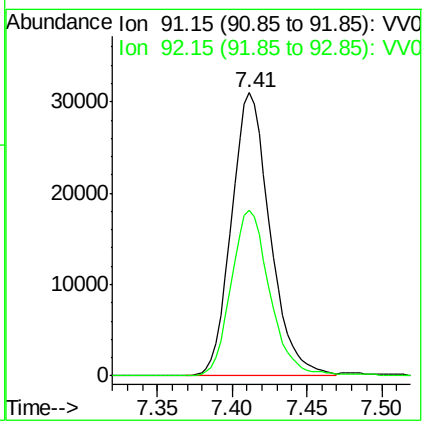
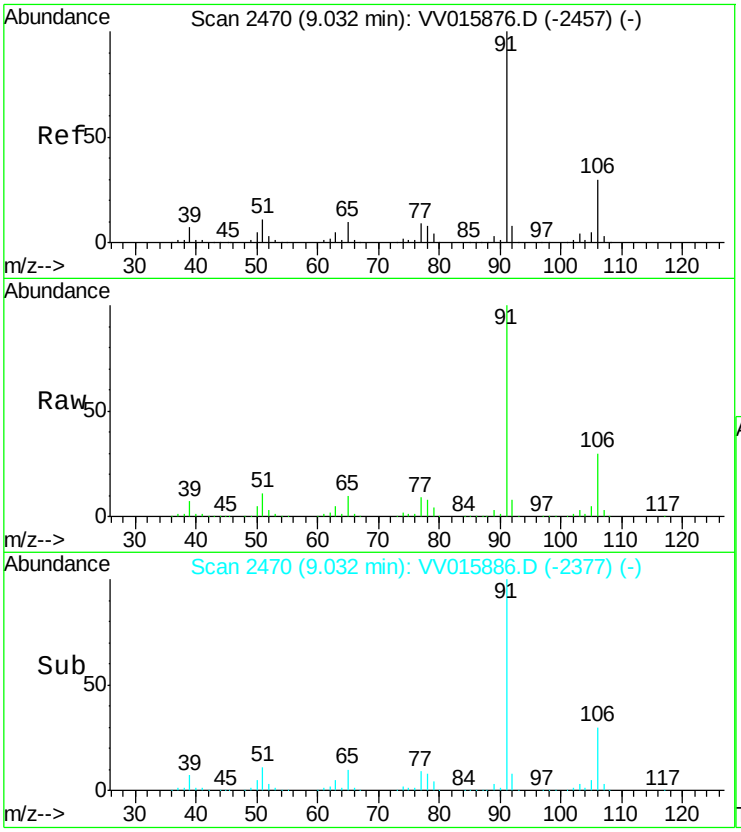


#42
Toluene
Concen: 1.579 ug/L
RT: 7.41 min Scan# 1966
Delta R.T. 0.00 min
Lab File: VV015886.D
Acq: 04 May 2020 15:44

Tgt Ion: 91 Resp: 55633

Ion	Ratio	Lower	Upper
91	100		
92	58.5	40.7	75.7

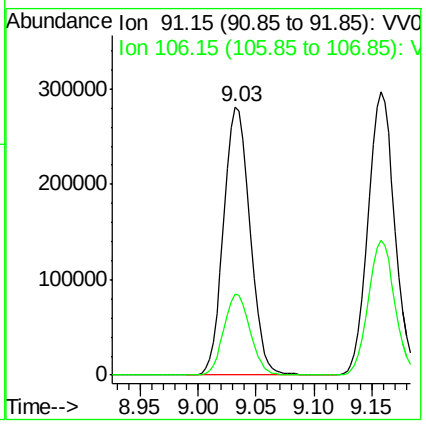




#52
Ethylbenzene
Concen: 10.859 ug/L
RT: 9.03 min Scan# 2470
Delta R.T. -0.00 min
Lab File: VV015886.D
Acq: 04 May 2020 15:44

Tgt Ion: 91 Resp: 442874

Ion	Ratio	Lower	Upper
91	100		
106	30.0	21.3	39.5



Instrument :
MSVOA_V
ClientSampleId :
ETKT4

Manual Integrations APPROVED
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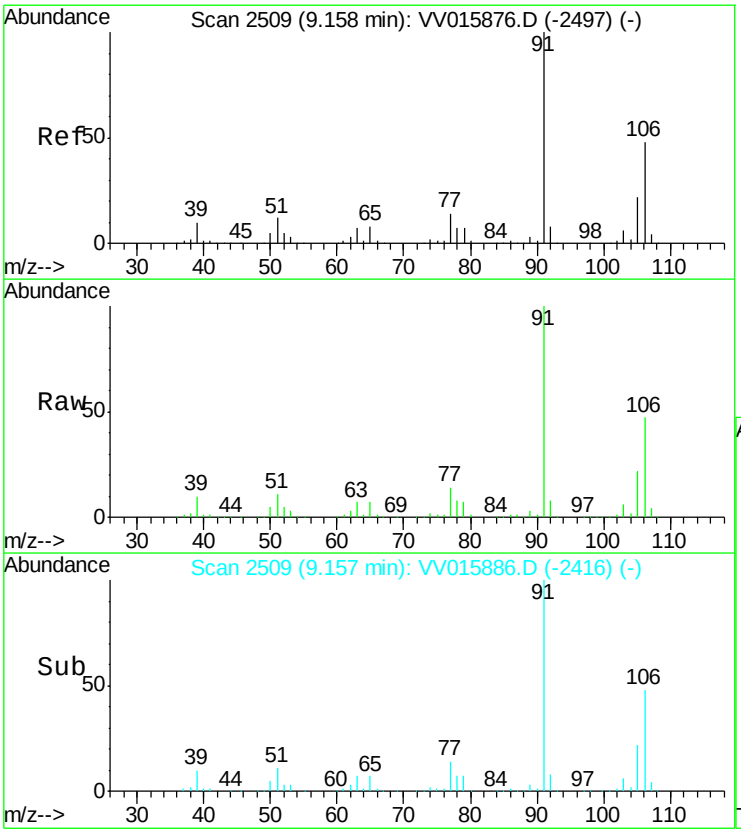
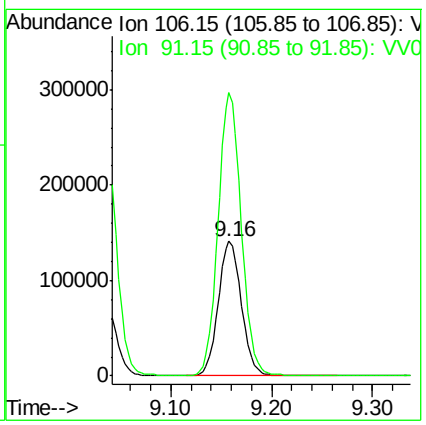
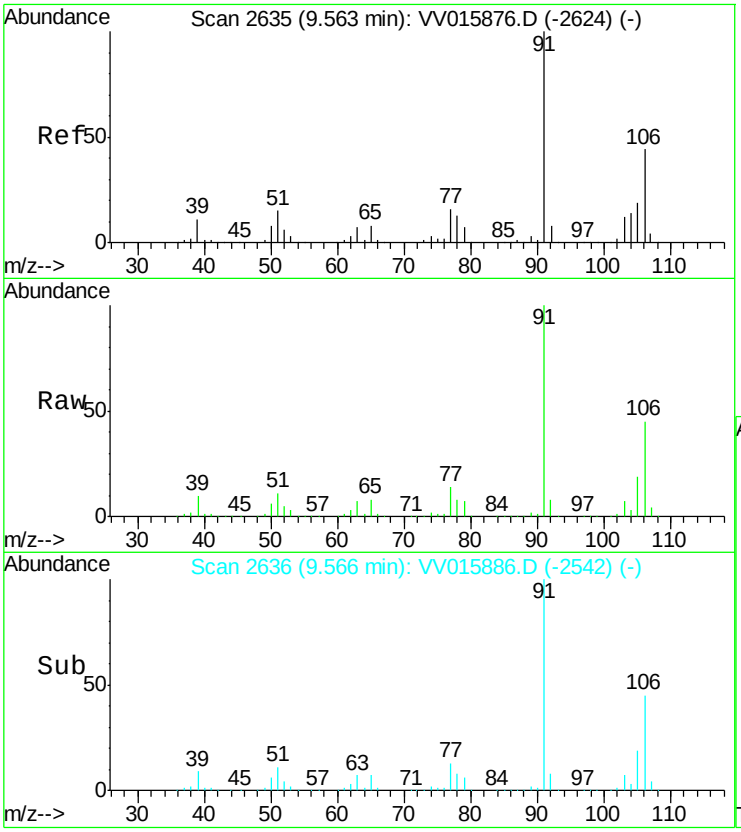


#53
m,p-xylene
Concen: 15.236 ug/L
RT: 9.16 min Scan# 2509
Delta R.T. -0.00 min
Lab File: VV015886.D
Acq: 04 May 2020 15:44

Tgt Ion:106 Resp: 227603

Ion	Ratio	Lower	Upper
106	100		
91	210.5	147.8	274.4

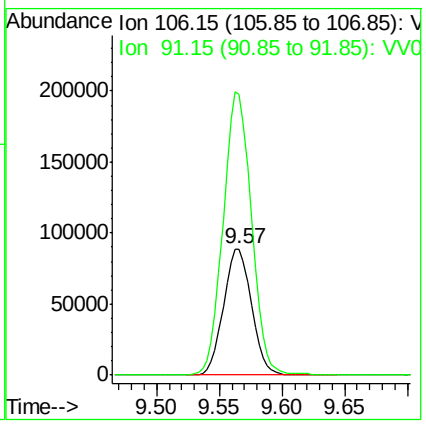




#54
o-xylene
Concen: 9.550 ug/L
RT: 9.57 min Scan# 2636
Delta R.T. 0.00 min
Lab File: VV015886.D
Acq: 04 May 2020 15:44

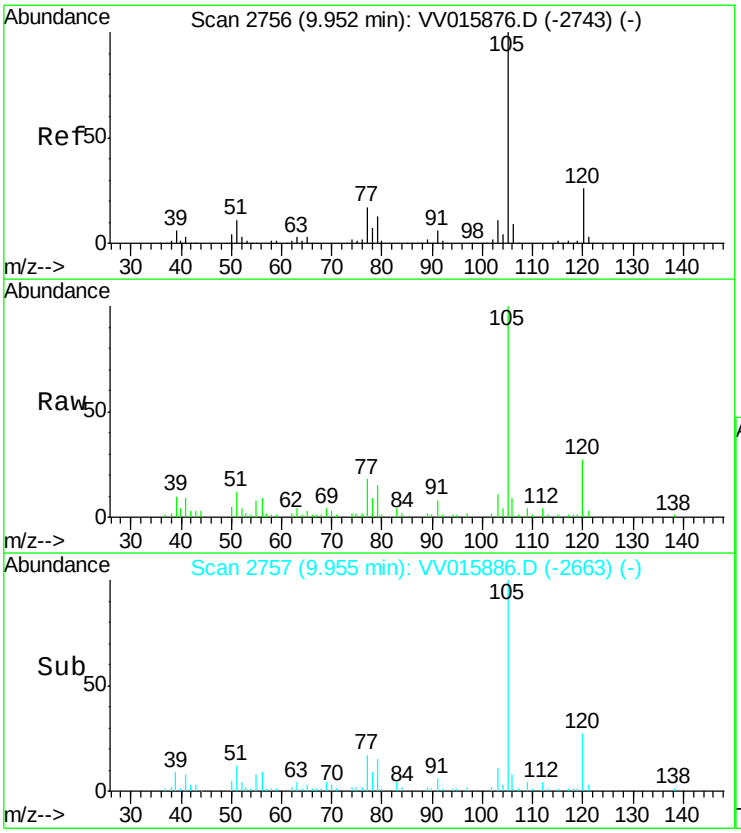
Tgt Ion:106 Resp: 138040

Ion	Ratio	Lower	Upper
106	100		
91	222.5	159.8	296.8



Instrument :
MSVOA_V
ClientSampleId :
ETKT4

Manual Integrations APPROVED
apatel
5/5/2020 11:16:52 AM



#56
Isopropylbenzene
Concen: 0.763 ug/L
RT: 9.95 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VV015886.D
Acq: 04 May 2020 15:44

Tgt Ion:105 Resp: 30951

Ion	Ratio	Lower	Upper
105	100		
120	25.8	20.7	31.1
77	17.8	13.9	20.9